Appendix A
SWMU Status Table

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?	2016 Maintenance?	Maintenance Type
AOC 4	Asbestos Installation (Plant-wide)	Admin Closure	2003	N	N	N	N		
AOC 9	Site-Wide, Underground Storage Tanks	Admin Closure	2003	N	N	N	N		
SWMU 100	Waste Accumulation Area, (Bldg 12-42)	Admin Closure	2003	N	N	N	N		
SWMU 101	Waste Accumulation Area, Bldg 12-59	Admin Closure	2003	D&D	N	N	N		
SWMU 102	Bldg 12-68 Batch Master, Northeast Corner	Admin Closure	1997, 2003	N	N	N	N		
SWMU 104	Waste Accumulation Area, (Bldg 12-82)	Admin Closure	2003	N	N	N	N		
SWMU 105	Waste Accumulation Area, (Bldg 12-84)	Admin Closure	2003	N	N	N	N		
SWMU 107	Bldg 16-5, Flammable Liquid Storage	Admin Closure	2003	N	N	N	N		
SWMU 111	Bldg 11-36 Solvent Tanks	Admin Closure	2001	N	N	N	N		
SWMU 112	Bldg 11-36 Solvent Tanks	Admin Closure	2001	N	N	N	N		
SWMU 114	Bldg 11-36 Scrubber System	Admin Closure	2001	D&D	N	N	N		
SWMU 115	Bldg 11-36 Carbon Filter	Admin Closure	2001	D&D	N	N	N		
SWMU 116	Bldg 11-36 Sludge Filters	Admin Closure	2001	D&D	N	N	N		
SWMU 124	Bldg 11-50 Waste water Treatment System	Admin Closure	2001	N	N	N	N		

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SWMU 125	Bldg 12-43 HE Contaminated Charcoal Boxes	Admin Closure	2001	N	N	N	N		
SWMU 126	Miscellaneous HE Contaminated Waste Dumpsters	Admin Closure	2001	N	N	N	N		
SWMU 127	Miscellaneous Non-hazardous Waste Dumpsters	Admin Closure	2001	N	N	N	N		
SWMU 128	Portable HE Waste water Tanks	Admin Closure	2001	N	N	N	N		
SWMU 129a	HE Contaminated Sludge Containers, Bldg 11-44	Admin Closure	2001	N	N	N	N		
SWMU 129b	HE Contaminated Sludge Containers Bldg 12-43	Admin Closure	2001	N	N	N	N		
SWMU 131	Portable Waste Oil Storage Tanks (Bldg 12-35)	Admin Closure	2001	N	N	N	N		
SWMU 132	Vacuum Guzzlers	Admin Closure	2001	N	N	N	N		
SWMU 134	Bldg 11-29 Silver Recovery	Admin Closure	2001	N	N	N	N		
SWMU 137	Bldg 12-41, Paint Shop Waste water Tank	Admin Closure	2003	N	N	N	N		
SWMU 138	Zone 12 Paint Shop Sandblaster Collection Cone	Admin Closure	2001	N	N	N	N		
SWMU 141	Classified Waste Incinerator	Admin Closure	2001	N	N	N	N		

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SWMU 142	Miscellaneous Hood and Filter Systems, 24 Bldgs	Admin Closure	2001	N	N	N	N		
SWMU 59	Landfill East of Pad 11-13 (Duplicate of SVS 5)	Admin Closure	2003	N	N	N	N		
SWMU 62	Landfill 11	Admin Closure	2004	N	N	N	N		
SWMU 65	Landfill 14 (Duplicate of SVS 6)	Admin Closure	2003	N	N	N	N		
SWMU 76	Firing Site 18	Admin Closure	2001	N	N	N	N		
SWMU 77	Firing Site 23, Filter/Exhaust System	Admin Closure	9/19/2001	N	N	N	N		
SWMU 83	Bldg 4-8, Container Storage Bldg, Asbestos Staging Area	Admin Closure	2001	N	N	N	N		
SWMU 85	MOCA Waste Accumulation Area, Bldg 12-16	Admin Closure	2001	N	N	N	N		
SWMU 88	11-41 Compressor Bldg Waste Accumulation	Admin Closure	2003	N	N	N	N		
SWMU 89	Waste Accumulation Area, Bldg 12-2 North Hall	Admin Closure	2003	N	N	N	N		
SWMU 90	Waste Accumulation Area, Bldg 12-9	Admin Closure	2003	N	N	N	N		

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?	2016 Maintenance?	Maintenance Type
SWMU 91	Waste Accumulation Area, Bldg 12-9 Solvent Storage Shed	Admin Closure	2003	N	N	N	N		
SWMU 92	Waste Accumulation Area, Bldg 12-9 (outside)	Admin Closure	2003	N	N	N	N		
SWMU 93	Waste Accumulation Area, Bldg 12-111 Paint Shop	Admin Closure	2003	N	N	N	N		
SWMU 94	Waste Accumulation Area, Bldg 12-R-13 (outside)	Admin Closure	2003	N	N	N	N		
SWMU 95	Waste Accumulation Area, Bldg 12-18 (outside)	Admin Closure	2003	N	N	N	N		
SWMU 96	Waste Accumulation Area, Bldg 12-21	Admin Closure	2001	N	N	N	N		
SWMU 98	Bldg 12-38 Solvent Storage	Admin Closure	2003	N	N	N	N		
SWMU 99	Waste Accumulation Area, Bldg 12-41	Admin Closure	2003	N	N	N	N		
Unassigned	Unlined Landfill/Landfill 10 North of Firing Site 1	Admin Closure	2004	N	N	N	N		
Pemitted Unit 53	Igloo 4-72 Storage	Active		N	N	N	N		
SVS 4	Old Pistol Range	Active		N	N	N	N		
SWMU 28	Active Burn Tray	Active		NA	N	N	N		
SWMU 29	Active Burn Tray	Active		NA	N	N	N		
SWMU 30	Active Burn Tray	Active		NA	N	N	N		

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?	2016 Maintenance?	Maintenance Type
SWMU 31	Active Burn Tray	Active		NA	N	N	N		
SWMU 32	Active Burn Tray	Active		NA	N	N	N		
SWMU 33	Active Burn Tray	Active		NA	N	N	N		
SWMU 34	Active Burn Tray	Active		NA	N	N	N		
SWMU 35	Active Burn Tray	Active		NA	N	N	N		
SWMU 36	Active Burn Tray	Active		NA	N	N	N		
SWMU 69	Firing Site 4	Active		N	N	N	N		
SWMU 72	Firing Site 10	Active		N	N	N	N		
SWMU 74	Firing Site 21	Active		N	N	N	N		
SWMU 75	Firing Site 22	Active		N	N	N	N		
SWMU 78	Firing Site 24, Concrete Sump	Active		N	N	N	N		
AOC 1	Transformer Leak (Bldg 11-14A)	3		Excavation	Y	Y	N		
AOC 10a	Bldg 12-43A Pesticide Rinse Area	3		Excavation	Y	Y	N		
AOC 10b	Bldg 12-51 Pesticide Rinse Area	3		N	Y	Y	N		
AOC 11	Fire Training Area Burn Pits	3		Excavation	Y	Y	N		
AOC 12	Paint Shop/ Solvent Pit (Bldg 12-5D)	3		N	Y	Y	N		
AOC 13a	Former Cooling Tower in Zone 12 (Pad)	3		Excavation	Y	Y	N		
AOC 13b	Former Cooling Tower in Zone 12 (Piping/Soil)	3		Excavation	Y	Y	N		
AOC 14	Battery Storage Area (Bldg 12-18)	3		N	Y	Y	N		
AOC 15	DDT Release (Bldg 12-35)	3		Excavation	Y	Y	N		

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?	2016 Maintenance?	Maintenance Type
AOC 3a	Former Boiler House Areas	3		N	Y	Y	N		
AOC 3b	Zone 11 Former Boiler House Areas	3		N	Y	Y	N		
AOC 5	Electrical Equipment Bone Yard Near Bldg 12-5	3		N	Y	Y	N		
AOC 7a	Bldg 11-36 Sulfuric Acid Spills	3		N	Y	Y	N		
AOC 7c	Bldg 12-64 Sulfuric Acid Spills	3		Excavation	Y	Y	N		
AOC 8a	Pad 11-12 Solvent Leaks	3		N	Y	Y	N		
AOC 8b	Pad 11-13 Solvent Leaks	3		N	Y	Y	N		
AOC 8c	Bldg 11-17 Solvent Leaks	3		N	Y	Y	N		
AOC 8d	Pad 11-22 Solvent Leaks	3		N	Y	Y	N		
AOC 8e	Bldg 11-36 Solvent Leaks	3		N	Y	Y	N		
SVS 2	Parallel Depressions Bldg 11-26	3		N	Y	Y	N		
SVS 3 (SWMU 67)	Carbon Black Burial Area near Bldg 10-7	3		N	Y	Y	N		
SVS 5	Landfill East of Pad 11-13	3		N	Y	Y	Y		
SVS 6	Unnumbered Zone 7 Landfills	3		N	Y	Y	Y		

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?	2016 Maintenance?	Maintenance Type
SVS 7a&b	Magazine Demolition Debris Landfills (Zones 4 & 5)	3		N	Y	Y	Y		
SVS 8	Abandoned Zone 10 Landfill	3		Excavation	Y	Y	Y		
SWMU 1	Drainage Ditch (Bldg 12-17)	3		Excavation	Y	Y	N		
SWMU 10	Pantex Lake	3		N	Y	Y	N		
SWMU 103	Former Battery Storage Area, (Bldg 12-81)	3		N	Y	Y	N		
SWMU 113	Overflows from Bldg 11-36 Collection System/Sump	3		D&D /	Y	Y	N		
SWMU 117	High Explosives Settling Tank	3		D&D / Excavation	Y	Y	N		
SWMU 118	Equalization Basin	3		D&D / Excavation	Y	Y	N		
SWMU 119a	High Explosives Filters	3		D&D	Y	Y	N		
SWMU 119b	High Explosives Filters	3		D&D	Y	Y	N		
SWMU 12	Drainage Ditch Near Former 11-14 Pond	3		Excavation	Y	Y	N		
SWMU 120a	Carbon Filters	3		D&D	Y	Y	N		
SWMU 120b	Carbon Filters	3		D&D	Y	Y	N		
SWMU 121	High Explosives Settling Tank	3		D&D / Excavation	Y	Y	N		

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SWMU 122a	Equalization Basin	3		D&D / Excavation	Y	Y	N		
SWMU 122b	Bldg 12-24N & Bldg 12-43 Upland Soil	3		Excavation / In Situ Treatment	Y	Y	N		
SWMU 123	Concrete Sump & Waste water Treatment Unit	3		D&D	Y	Y	N		
SWMU 13	Former Solar Evaporation Pond (Bldg 11-51)	3		N	Y	Y	N		
SWMU 135	Leaching Bed (Bldg 12-44E)	3		N	Y	Y	N		
SWMU 136	Subsurface Leaching Bed (Bldg 12-59)	3		D&D	Y	Y	N		
SWMU 14*	Explosive Burn Pad 1 (including ash disposal trench)	3		Soil Cover	Y	Y	Y		
SWMU 143a	Former Waste Drum Storage Areas (Bldg 10-9)	3		N	Y	Y	N		
SWMU 143b	Former Waste Drum Storage Areas (Bldg 10-7)	3		N	Y	Y	N		
SWMU 144	Zone 10 TNT Settling Pit (Bldg 10-13)	3		Excavation	Y	Y	N		
SWMU 145	Zone 10 TNT Settling Pit (Bldg 10-17)	3		Excavation	Y	Y	N		
SWMU 146	Zone 10 TNT Settling Pit (Bldg 10-26)	3		Excavation	Y	Y	N		

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?	2016 Maintenance?	Maintenance Type
SWMU 147	Bldg 11-13 TNT Settling Pit	3		Excavation	Y	Y	N		
SWMU 148	Bldg 11-17 TNT Settling Pits	3		Excavation	Y	Y	N		
SWMU 149	Bldg 11-26 TNT Settling Pit	3		N	Y	Y	N		
SWMU 15*	Explosive Burn Pad 2 (including ash disposal trench)	3		Soil Cover	Y	Y	Y		
SWMU 150	Bldg 11-12 TNT Settling Pit	3		Excavation	Y	Y	N		
SWMU 16*	Explosive Burn Pad 3 (including ash disposal trench)	3		Soil Cover	Y	Y	Y		
SWMU 17*	Explosive Burn Pad 4 (including ash disposal trench)	3		Soil Cover	Y	Y	Y		
SWMU 18*	Explosive Burn Pad 5 (including ash disposal trench)	3		Soil Cover	Y	Y	Y		
SWMU 19*	Explosive Burn Pad 6 (including ash disposal trench)	3		Soil Cover	Y	Y	Y		
SWMU 2	Drainage Ditch (Bldg 12-43)	3		Ditch Lining	Y	Y	Y	Y	Replaced Liner
SWMU 20*	Explosive Burn Pad 7 (including ash disposal trench)	3		Soil Cover	Y	Y	Y		
SWMU 21*	Explosive Burn Pad 7A (including ash disposal trench)	3		Soil Cover	Y	Y	Y		

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SWMU 22*	Explosive Burn Pad 8 (including ash disposal trench)	3		Soil Cover	Y	Y	Y		
SWMU 23*	Explosive Burn Pad 9 (including ash disposal trench)	3		Soil Cover	Y	Y	Y		
SWMU 24*	Explosive Burn Pad 10 (including ash disposal trench)	3		Soil Cover	Y	Y	Y		
SWMU 25*	Explosive Burn Pad 11 (Including Wash Rack)	3		Soil Cover	Y	Y	N		
SWMU 26*	Explosive Burn Pad 12	3		Soil Cover	Y	Y	N		
SWMU 27*	Explosive Burn Pad 13	3		Excavation	Y	Y	N		
SWMU 3	Drainage Ditch (Bldg 11-44)	3		Excavation	Y	Y	N		
SWMU 37	Burning Ground Landfill 1	3		Engineered Cover	Y	Y	Y		
SWMU 38	Burning Ground Landfill 2	3		Engineered Cover	Y	Y	Y		
SWMU 39	Burning Ground Landfill 3	3		Engineered Cover	Y	Y	Y		
SWMU 4	Drainage Ditch (Bldg 11-50)	3		N	Y	Y	N		
SWMU 40	Burning Ground Landfill 4	3		Engineered Cover	Y	Y	Y		
SWMU 41	Burning Ground Landfill 5	3		Engineered Cover	Y	Y	Y		
SWMU 42	Burning Ground Landfill 6	3		Engineered Cover	Y	Y	Y		

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SWMU 43	Burning Ground Landfill 7	3		Engineered Cover	Y	Y	Y		
SWMU 44	Burning Ground Landfill 8	3		Engineered Cover	Y	Y	Y		
SWMU 45	Explosive Burn Cage	3		D&D / Excavation	Y	Y	N		
SWMU 46	Explosive Burn Cage	3		D&D	Y	Y	N		
SWMU 47	Chemical Burn / Evaporation Pits	3		SVE System	Y	Y	N		
SWMU 48	Burning Ground Solvent Evap. Pans	3		D&D	Y	Y	N		
SWMU 49	Burning Ground Solvent Evap. Pans	3		D&D	Y	Y	N		
SWMU 50	Burning Ground Solvent Evap. Pans	3		D&D	Y	Y	N		
SWMU 5-01a	Drainage Ditch(es) (Bldg 12-5)	3		Excavation	Y	Y	N		
SWMU 5-01b	Drainage Ditch(es) (Bldg 12-5B)	3		Excavation	Y	Y	N		
SWMU 5-02a	Drainage Ditch (Bldg 12-51)	3		N	Y	Y	N		
SWMU 5-02b	Drainage Ditch (Bldg 12-67)	3		Excavation	Y	Y	N		
SWMU 5-02c	Drainage Ditch (Bldg 12-110)	3		N	Y	Y	N		
SWMU 5-04a	Bldg 12-19 Drainage Ditches	3		Excavation	Y	Y	N		
SWMU 5-04b	Bldg 12-73 Drainage Ditches	3		Excavation	Y	Y	N		
SWMU 5-05	Drainage Ditch (Bldgs 12-21 & 12-24)	3		Ditch Lining	Y	Y	Y	Y	Replaced Liner

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SWMU 5-06a	Drainage Ditch (Bldg 12-44E)	3		Excavation	Y	Y	N		
SWMU 5-06b	Drainage Ditch (Bldg 12-81)	3		Excavation	Y	Y	N		
SWMU 5-07	Bldg 12-41 Drainage Ditch	3		Excavation	Y	Y	N		
SWMU 5-08	Drainage Ditch (Bldg 11-36)	3		Excavation	Y	Y	N		
SWMU 5-09a	Drainage Ditch (Bldg 11-17)	3		N	Y	Y	N		
SWMU 5-09b	Drainage Ditch (Bldg 11-20)	3		N	Y	Y	N		
SWMU 51	Burning Ground Solvent Evap. Pans	3		D&D	Y	Y	N		
SWMU 5-11	Main Perimeter Ditch	3		N	Y	Y	N		
SWMU 5-12a	Main Perimeter Ditch	3		Excavation	Y	Y	N		
SWMU 5-12b	Perimeter Drainage Ditch from Zone 12 to SWMU 5-15	3		N	Y	Y	N		
SWMU 5-13a,b,c	Drainage Ditches to Playa 1	3		Excavation	Y	Y	N		
SWMU 5-15 a&b	Drainage Ditch to Playa 4	3		N	Y	Y	N		
SWMU 52	Burn Racks and Flashing Pits	3		D&D / Excavation	Y	Y	N		
SWMU 54	Landfill 3	3		Excavation/ Engineered Cover	Y	Y	Y		
SWMU 55	Landfill 4	3		N	Y	Y	Y		
SWMU 56	Landfill 5	3		N	Y	Y	Y		
SWMU 57	Landfill 6	3		Excavation	Y	Y	Y		

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SWMU 58	Landfill 7	3		N	Y	Y	Y		
SWMU 6	Playa 1	3		N	Y	Y	N		
SWMU 60	Landfill 9	3		N	Y	Y	Y		
SWMU 61	Landfill 10	3		N	Y	Y	Y		
SWMU 64	Landfill 13	3		Administrative Soil Cover	Y	Y	Y	Y	Filled small holes
SWMU 66	Landfill 15	3		N	Y	Y	Y	Y	Filled holes
SWMU 68a	Original Landfill	3		N	Y	Y	Y		
SWMU 68b	Landfill 1	3		Administrative Soil Cover	Y	Y	Y		
SWMU 68c	Landfill 2	3		Administrative Soil Cover	Y	Y	Y	Y	Fill holes and reseeded perimeter
SWMU 68d	Sanitary Landfill	3		N	Y	Y	Y		
SWMU 7	Playa 2	3		N	Y	Y	N		
SWMU 8	Playa 3	3		N	Y	Y	N		
SWMU 82	Nuclear Weapon Accident Residue Storage	3		Excavation	Y	Y	N		
SWMU 84	Scrap, Salvage, and Storage Yard (Bldg 10-9)	3		Excavation	Y	Y	N		
SWMU 86	11-14 Solvent Storage Shed	3		N	Y	Y	N		
SWMU 87	Bldg 11-20 Solvent Storage Shed	3		N	Y	Y	N		
SWMU 9	Playa 4	3		N	Y	Y	N		
Unassigned	Demonstration Facilities	3		Excavation	Y	Y	N		
Unassigned	Former 11-15 Pond	3		N	Y	Y	N		

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Unassigned	Former Leaching Bed North of Bldg 11-50 and West of Bldg 11-36	3		Excavation	Y	Y	N		
Unassigned	Concrete Sump (near Bldg 12-5B)	3		N	Y	Y	N		
Unassigned AOC	Zone 10 Landfills West and Southwest of SWMU 84 Scrap and Salvage Yard	3		N	Y	Y	Y	Y	Filled holes
Unassigned SWMU	Zone 10 Berms	3		N	Y	Y	N		
Unassigned SWMU	Evaporation Pit East of Bay 3 (Bldg 11-20)	3		Excavation	Y	Y	N		
Unassigned SWMU	Evaporation Pit South of Bay 11/West of Bay 6 (Bldg 11-20)	3		Backfill/Cover	Y	Y	N		
Unassigned SWMU	SWMU Capacitor Bank Rupture	3		N	Y	Y	N		
AOC 7b	Bldg 12-4 Sulfuric Acid Spill	2	2004	N	Y	N	N		
Permitted Unit 1	Container Storage 11-7N Pad	2	2005	N	Y	N	N		
SVS 1	Denuded Area near Playa 1	2	2005	N	Y	N	N		
SWMU 106	Waste Accumulation Site at Bldg 16-1	2	2005	Excavation	Y	N	N		
SWMU 109	Concrete Sump (Bldg 12-68)	2	2004	Sump removal/Excavation	Y	N	N		

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SWMU 11	Surface Impoundment in Zone 5 (Bldg FS-16)	2	2005	D&D	Y	N	N		
SWMU 110	Bldg 12-68 Electroplating Waste Retention Basin (Moat)	2	1997	N	Y	N	N		
SWMU 139	Photo Processing Leaching Bed (Bldg FS-10)	2	2005	N	Y	N	N		
SWMU 140	Old Sewage Treatment Plant/Sludge Beds	2	2005	D&D / Excavation	Y	N	N		
SWMU 5-03a	Drainage Ditches (Bldg12-68)	2	2004	Excavation	Y	N	N		
SWMU 5-03b	Drainage Ditches (Bldg 12-18)	2	2004	N	Y	N	N		
SWMU 5-03c	Drainage Ditches (Bldg 12-9)	2	2004	N	Y	N	N		
SWMU 5-03d	Drainage Ditch (Bldg 12-10)	2	2004	N	Y	N	N		
SWMU 5-10	Drainage Ditches near the Old Sewage Treatment Plant	2	2005	Excavation	Y	N	N		
SWMU 5-14	Drainage Ditch from Zone 11 to Playa 2	2	2005	N	Y	N	N		
SWMU 53	Temporary High Explosives Burning Ground	2	2005	Excavation	Y	N	N		

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SWMU 63	Landfill 12	2	2005	Administrative Soil Cover	Y	N	Y	Y	Filled in areas of subsidence
SWMU 70	Firing Site 5	2	1999	D&D / Excavation, Fence	Y	N	Y		
SWMU 71	Firing Site 6	2	2000	N	Y	N	N		
SWMU 73	Firing Site 15	2	2000	N	Y	N	N		
SWMU 97	Waste Accumulation Area, Bldg 12-34	2	1999	N	Y	N	N		
Unassigned	Dumpster Area near FS-11	2	2005	N	Y	N	N		
Unassigned AOC	Bldg 12-1 Laundry Sump	2	2004	Decontamination	Y	N	N		
Unassigned SWMU	FS-22 Container Gun Barrel	2	1999	D&D	Y	N	N		
Unassigned SWMU	11-14 Hypalon Pond and Waste water Line	2	1995	Backfill/Cover	Y	N	N		
AOC 2	Main Electrical Substation (4-28)	1	1993	N	N	N	N		
AOC 6a	Gasoline Leaks at Bldgs 12-35	1	1999	Tank Removal / Excavation	N	N	N		
AOC 6b	Gasoline Leak at Bldg 16-1	1	1999	N	N	N	N		
Permitted Unit 10	Container Storage Area (Conex WM7)	1	2001	N	N	N	N		
Permitted Unit 11	Container Storage Area (Conex WM8)	1	2001	N	N	N	N		
Permitted Unit 36	Bldgs 11-9 Tank	1	1999	N	N	N	N		
Permitted Unit 37	Bldg 11-9 Tank	1	1999	N	N	N	N		

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Permitted Unit 38	Bldg 11-15a Tank	1	1999	N	N	N	N		
Permitted Unit 39	Bldg 11-15a Tank	1	1999	N	N	N	N		
Permitted Unit 40	Bldg 11-9 Container Storage Area	1	2002	D&D	N	N	N		
Permitted Unit 46	Container Storage Area (Conex WM1-A)	1	1998	N	N	N	N		
Permitted Unit 47	Container Storage Area (Conex WM1-B)	1	1998	N	N	N	N		
Permitted Unit 48	Container Storage Area (Conex WM3-A)	1	1998	N	N	N	N		
Permitted Unit 49	Container Storage Area (Conex WM5-A)	1	1998	N	N	N	N		
Permitted Unit 50	Container Storage Area (Conex WM5-B)	1	1998	N	N	N	N		
Permitted Unit 52	Igloo 4-46 Storage	1	1998	N	N	N	N		
Permitted Unit 54	Igloo 4-74 Storage	1	1998	N	N	N	N		
Permitted Unit 8	Container Storage Area (Conex WM5)	1	2001	N	N	N	N		
Permitted Unit 9	Container Storage Area (Conex WM6)	1	2001	N	N	N	N		
SWMU 108	Bldg 12-68 Batch Master	1	1997	D&D	N	N	N		

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?	2016 Maintenance?	Maintenance Type
SWMU 130	Portable Waste Solvent Tanks	1	2001	Excavation	N	N	N		
SWMU 133	UST #30, Waste Oil Tank at Bldg 16-1	1	1999	N	N	N	N		
SWMU 79a	11-7A (Unit 41) Container	1	2005	N	N	N	N		
SWMU 79b	11-7B Pad (Unit 42) Container	1	2005	N	N	N	N		
SWMU 80	Container Storage Area Conex 1 (Permitted Unit 4) in Zone 4	1	2000	N	N	N	N		
SWMU 80	Container Storage Area Conex 2 (Permitted Unit 5) in Zone 4	1	2000	N	N	N	N		
SWMU 80	Container Storage Area Conex 3 (Permitted Unit 6) in Zone 4	1	2000	N	N	N	N		
SWMU 80	Container Storage Area Conex 4 (Permitted Unit 7) in Zone 4	1	2000	N	N	N	N		
SWMU 81	Mixed Waste Storage, Magazine 4-19	1	1993	N	N	N	N		
Unassigned	UST #9 Bldg 12-17E	1	2004	Tank Removal / Excavation	N	N	N		
Unassigned	UST #7 Bldg 12-5B	1	1999	Tank Removal / Excavation	N	N	N		

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?	2016 Maintenance?	Maintenance Type
Unassigned	UST #38 Bldg 12-98	1	1999	Tank Removal / Excavation	N	N	N		
Unassigned	UST #39 North of Bldg 12-84A	1	1999	Tank Removal / Excavation	N	N	N		

*SWMUs 14-27 at the Burning Ground consist of old burn pads that were carried through investigation and cleanup. Also included with those burn pads is an ash disposal trench that resulted from the disposal of ash from the burn pads. The final remedy for SWMUs 14-27 was a soil cover over the trench that must be inspected and maintained as necessary.

Administrative Closure – These sites were identified as potential release sites as part of the RCRA Facility Assessment. No evidence of release could be found upon further investigation, so these sites were not considered as a solid waste management unit and were closed.

RRS 1 – The sites were investigated and determined that all wastes and media were within background concentrations or below the PQL. These sites were closed with no further controls required.

RRS 2 – All wastes and contaminated media were remediated to health-based cleanup levels. Additionally, an ecological risk evaluation determined these sites posed no risk to the environment. These sites do not require post-closure care; however, deed recordation of the contaminated area was completed and the sites were restricted to industrial use.

RRS 3 - These sites required a human health and ecological risk assessment to determine the areas that required remedial action. All sites required deed recordation of the contamination, restriction of property use to industrial, and appropriate institutional controls to prevent contaminated groundwater usage and cross-contamination from perched groundwater to the drinking water aquifer. Some of these sites also require post-closure care such as maintenance of soil covers, fencing, and ditch liners.

Active – These sites are still in use for their intended purpose. These sites will undergo a full investigation and cleanup process once the site is no longer used by Pantex.

Appendix B
Extraction Well Flow Data

B. Extraction Well Flow Calculations

The flows included here have been calculated from information obtained from each pump and treat system at Pantex.

The P1PTS data acquisition system recorded hourly flow rates and well operation time. This was used to calculate the total flow from each well by month. The system also records total influent flow rates and total volume each day. 2016 SEPTS flow data was recorded in the I-Historian software and average hourly flow rates were downloaded from the I-Historian database. The total flow discussed in Chapter 2 is based on the influent flow volume which is easily calibrated and closely tracked. Because flow rates and operational status of the well is recorded hourly rather than each minute, there will be some inconsistencies between the total calculated flow from the wells vs. the influent flow into the system. These well flow calculations provide a basis for understanding the flow rate for each well, the amount of downtime, and allows for tracking of pumping rates for the wells. Changes in these rates can trigger maintenance at the wells.

B.1. P1PTS Flow Volumes

The P1PTS system was in its eighth full year of operation.

Table 1 presents a summary of well operation downtime by month. This shows the number of days a well pumped all or part of the day. Well downtime was due primarily to a planned GAC vessel replacement that occurred in March and April. Motor/VFD failures also affected some wells. Table 2 presents the downtime contributors. Six of the ten wells pumped more than 90% of the time excluding the months when the system was down for the GAC vessel replacement. Pumping was also affected by system downtime due to the WWTF and irrigation system being unable to receive water during maintenance and repairs or due to upgrades.

Table 1. Days Operated per Month for P1PTS Wells

Well	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	2016 Well % Operation
PTX06-EW-69	26	9	0	0	30	27	31	30	24	31	28	14	250	68%
PTX06-EW-70	26	9	0	0	30	27	31	30	24	31	28	14	250	68%
PTX06-EW-71	26	9	0	0	30	27	31	30	24	31	28	14	250	68%
PTX06-EW-72	26	9	0	0	30	0	0	0	0	26	28	14	133	36%
PTX06-EW-73	26	9	0	0	30	27	31	30	24	31	28	14	250	68%
PTX06-EW-74	26	9	0	0	30	27	31	30	24	31	28	14	250	68%
PTX06-EW-75	26	9	0	0	30	27	31	30	24	31	28	14	250	68%
PTX06-EW-78A	0	0	0	0	0	18	31	30	24	31	28	14	176	48%
PTX06-EW-79	0	0	0	0	0	0	0	27	24	31	28	14	124	34%
PTX06-EW-80	26	9	0	0	30	27	31	0	0	0	0	0	123	34%
PTX06-EW-81	0	0	0	0	0	0	0	0	0	0	21	14	35	10%

Table 2. P1PTS Well Downtime Contributors

Month	Operational Contributor	Well Contributions	# Wells Affected
January	none	VFD/motor	3
February	Carbon Exchange	none	0
March	GAC exchange	none	0
April	GAC exchange	none	0
May	LOTO	none	0
June	Power Loss	none	0
July	LOTO	none	0
August	Carbon exchange, SCADA, WWTF	none	0
September	WWTF	motor	3
October	GAC exchange	motor	3
November	Carbon Exchange	none	0
December	WWTF	none	0

LOTO= Lockout/Tagout

B.2. SEPTS Flow Volumes

The SEPTS has been operating since 1995 when it started as a treatability study. It has been expanded to become a corrective action for the southeastern portion of the perched groundwater plumes. Table 3 presents a summary of well operation time by month and the pumping priority for the well. Approximately 80% of the wells (50 of 61) pumped more than 50% of the time. About 90% of the priority 1-4 wells operated more than 50%. Operation of the system was affected by restricted flow to the WWTF during the year. Well operation time has been impacted by various electrical and control problems, but the primary impact for the operation of many wells is due to the prioritization of pumping from the well field. As discussed in Chapter 2, the SEPTS, as designed, can treat up to 300 gpm, although the system slightly exceeded 300 gpm at times. Since the system well field capacity exceeds 300 gpm, pumping priorities were established for extraction well operation (see Figure 2-13 in Chapter 2).

Table 4 provides a summary of well downtime contributions by month. Review of system logs indicates that the largest contributors to well downtime were various operational issues with individual wells, controls, power losses, and well prioritization. Repairs to some wells were delayed in 2016 because of procurement issues with setting up an electrical contractor to complete repairs. Although repairs are needed at some wells, the well field is still capable of reaching the 90% throughput goal. Note that water levels in PTX06-EW-21 have fallen below the bottom of the screen, so the well can no longer be pumped.

Table 3. Days Operated per Month for SEPTS Wells

Well	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	2016 Well % Operation	Priority
PTX06-EW-01	31	29	31	30	31	27	31	31	24	31	30	25	351	96%	7
PTX06-EW-02	0	0	0	0	0	11	31	31	24	31	30	25	183	50%	7
PTX06-EW-03	31	29	31	30	31	27	31	31	24	31	30	25	351	96%	7
PTX06-EW-04	31	29	31	30	31	27	0	0	0	0	0	25	204	56%	1
PTX06-EW-06	31	29	0	30	31	27	0	0	0	0	10	5	163	45%	7
PTX06-EW-07	31	29	0	0	0	11	31	31	24	31	30	25	243	67%	1
PTX06-EW-09	31	29	31	30	31	27	0	0	0	0	3	23	205	56%	4
PTX06-EW-10	31	29	31	30	31	27	31	31	24	31	30	23	349	96%	2
PTX06-EW-12	31	29	31	30	31	27	31	31	24	31	30	25	351	96%	1
PTX06-EW-15	31	29	31	30	31	27	31	31	24	31	30	23	349	96%	6
PTX06-EW-16	31	29	31	30	31	27	31	31	24	31	30	25	351	96%	1
PTX06-EW-17	31	29	31	30	31	27	31	31	24	31	30	25	351	96%	1
PTX06-EW-18	31	29	31	30	31	27	31	31	0	0	0	5	246	67%	1
PTX06-EW-19	0	0	0	0	0	8	31	31	0	0	0	7	77	21%	1
PTX06-EW-20	31	29	31	17	0	0	0	0	0	0	13	22	143	39%	7
PTX06-EW-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	7
PTX06-EW-22	31	29	31	30	31	27	31	31	24	31	11	12	319	87%	7
PTX06-EW-23	31	29	31	30	31	27	31	31	24	31	30	24	350	96%	5
PTX06-EW-24	31	29	31	30	31	27	31	31	24	31	4	2	302	83%	7
PTX06-EW-25	31	29	31	30	31	27	31	31	24	31	4	3	303	83%	7
PTX06-EW-26	0	28	31	30	31	27	31	31	24	31	30	25	319	87%	5
PTX06-EW-27	31	29	31	30	31	27	31	31	24	31	30	25	351	96%	1
PTX06-EW-28	31	29	31	30	31	27	31	3	24	31	30	12	310	85%	6
PTX06-EW-29	31	29	31	30	31	27	31	31	24	31	30	25	351	96%	7
PTX06-EW-30	31	29	31	30	31	27	31	31	24	31	30	25	351	96%	5
PTX06-EW-31	31	29	31	30	31	27	31	31	24	31	30	25	351	96%	5
PTX06-EW-32	31	29	31	30	31	27	31	31	24	30	30	25	350	96%	3
PTX06-EW-33	31	29	31	30	31	0	0	0	0	0	10	25	187	51%	3
PTX06-EW-34	31	29	31	30	31	9	31	31	24	19	16	14	296	81%	3
PTX06-EW-35	31	29	31	30	31	27	31	31	24	31	30	25	351	96%	1
PTX06-EW-36	0	0	0	0	0	0	4	31	24	31	30	25	145	40%	3
PTX06-EW-37	31	29	0	0	0	0	13	31	24	31	30	25	214	59%	4
PTX06-EW-38	31	29	31	30	31	27	31	31	24	31	30	25	351	96%	4
PTX06-EW-39	31	29	31	30	31	27	31	31	24	31	30	25	351	96%	4
PTX06-EW-40	31	29	31	30	31	27	31	31	24	31	30	25	351	96%	4
PTX06-EW-41	18	0	0	0	0	0	13	31	24	31	30	25	172	47%	5

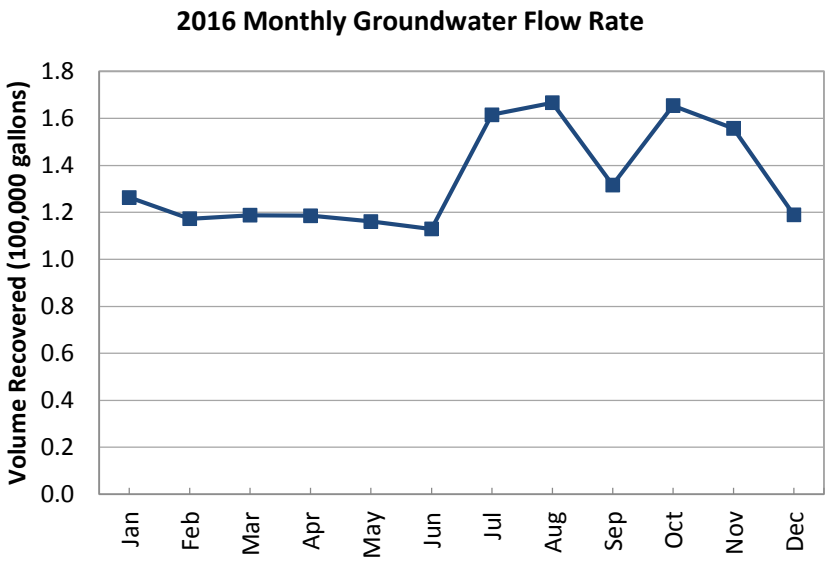
Well	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	2016 Well % Operation	Priority
PTX06-EW-42	31	29	31	30	31	27	31	31	24	31	30	25	351	96%	3
PTX06-EW-43	31	29	31	30	31	27	31	31	24	31	30	25	351	96%	3
PTX06-EW-44	31	29	31	30	31	27	31	31	24	31	30	25	351	96%	3
PTX06-EW-45	0	27	31	0	0	27	31	31	24	31	30	25	257	70%	3
PTX06-EW-46	31	29	31	30	31	27	31	31	24	31	10	24	330	90%	3
PTX06-EW-48	31	29	31	30	31	27	31	31	24	10	19	0	294	81%	3
PTX06-EW-49	31	29	31	30	31	27	31	31	24	31	24	25	345	95%	7
PTX06-EW-50	31	29	31	30	31	27	31	31	24	31	30	25	351	96%	1
PTX06-EW-51	31	29	0	0	0	0	16	31	24	31	3	0	165	45%	2
PTX06-EW-53	31	29	31	30	31	27	31	31	24	31	30	25	351	96%	1
PTX06-EW-54	31	29	31	30	31	27	31	31	24	31	30	25	351	96%	1
PTX06-EW-55	31	29	31	30	31	27	31	31	24	31	23	25	344	94%	1
PTX06-EW-56	31	29	31	30	31	27	31	31	24	31	30	25	351	96%	1
PTX06-EW-57	31	29	31	30	31	27	31	0	0	0	3	25	238	65%	1
PTX06-EW-58	31	29	31	30	31	27	31	31	24	31	11	5	312	85%	7
PTX06-EW-59	0	0	0	0	0	11	31	31	24	31	11	5	144	39%	7
PTX06-EW-60	31	29	31	30	31	27	31	31	24	31	11	0	307	84%	7
PTX06-EW-61	0	0	0	0	0	0	17	31	24	31	11	2	116	32%	7
PTX06-EW-62	0	0	0	0	0	11	31	31	24	31	11	7	146	40%	7
PTX06-EW-63	31	29	31	30	31	27	31	3	0	0	3	25	241	66%	7
PTX06-EW-64	31	29	31	30	31	27	31	31	24	31	17	20	333	91%	7
PTX06-EW-65	24	0	0	0	0	0	3	31	24	31	11	8	132	36%	7
PTX06-EW-66	31	29	31	30	31	27	31	31	24	31	24	25	345	95%	7
PTX06-EW-67	31	29	31	30	31	27	31	31	24	31	30	25	351	96%	2
PTX06-EW-68	31	29	31	30	31	27	31	31	24	31	30	25	351	96%	2

Table 4. SEPTS Well Downtime Contributors

Month	Operational Contributor	Well Contributions	# Wells Affected
Jan	Maintenance	Dry well, motor saver trips, power issues, motor starter issues, pump and motor issues, communication issues	20
Feb	Maintenance	Dry well, motor saver trips, power issues, motor starter issues, pump and motor issues	9
Mar	Maintenance	Dry well, motor saver trips, power issues, motor starter issues, pump and motor issues	13
Apr	Maintenance	Dry well, motor saver trips, power issues, motor starter issues, pump and motor issues	11
May	Maintenance	Dry well, motor saver trips, power issues, motor starter issues, pump and motor issues	11
Jun	Maintenance	Dry well, motor saver trips, power issues, motor starter issues, pump and motor issues	12
Jul	Maintenance	Dry well, power issues, pump and motor issues	5
Aug	Maintenance	Dry well, power issues, pump and motor issues	9
Sep	Maintenance	Dry well, power issues, pump and motor issues, communication issues	10
Oct	Maintenance	Dry well, power issues, pump and motor issues, communication issues	10
Nov	Maintenance	Dry well, power issues, pump and motor issues, communication issues	10
Dec	Maintenance	Dry well, pump and motor issues	6

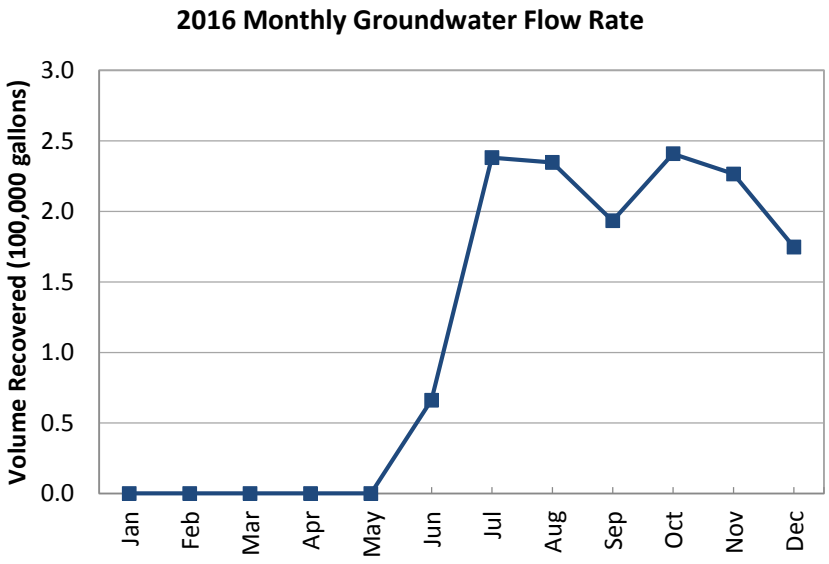
Southeast Pump and Treat System

PTX06-EW-1



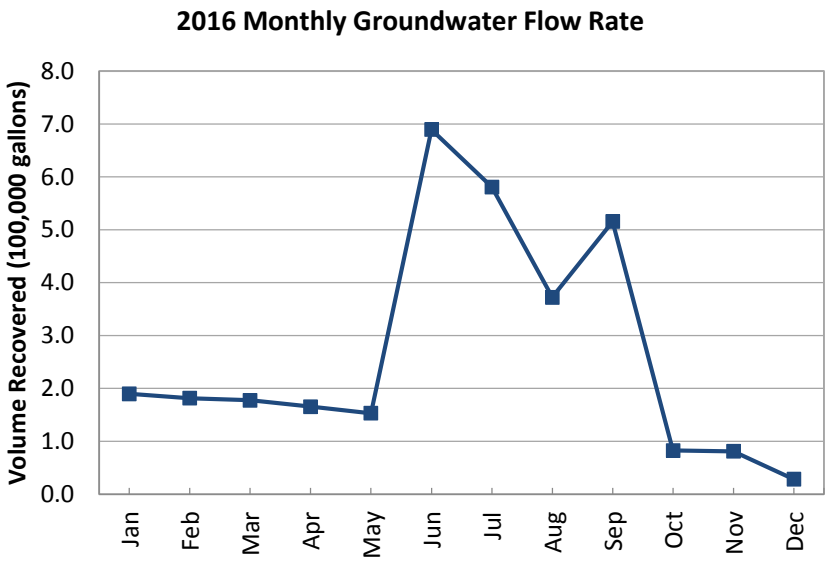
Month	Volume Recovered (gallons)
Jan	126,350
Feb	117,289
Mar	118,791
Apr	118,577
May	116,145
Jun	112,945
Jul	161,532
Aug	166,652
Sep	131,691
Oct	165,441
Nov	155,723
Dec	118,960
Total	**1,610,096**

PTX06-EW-2



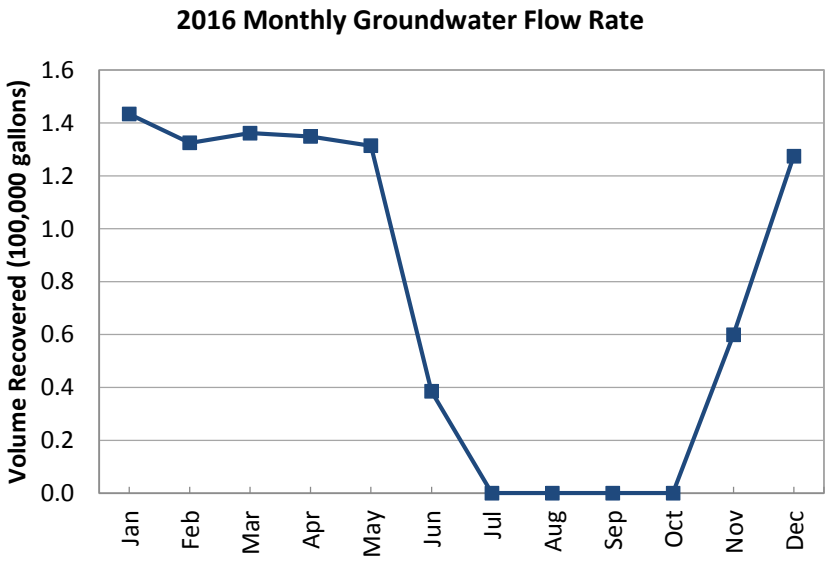
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	66,241
Jul	238,260
Aug	234,770
Sep	193,385
Oct	240,895
Nov	226,696
Dec	174,847
Total	**1,375,094**

PTX06-EW-3



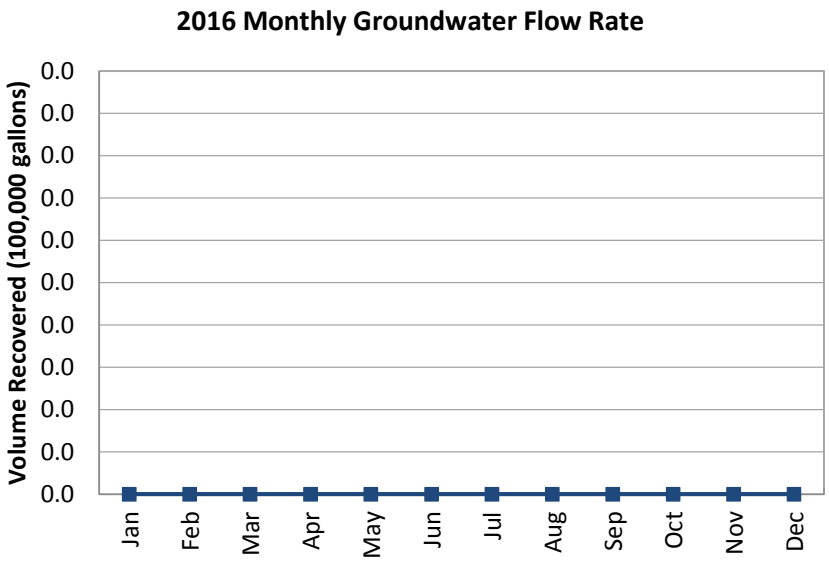
Month	Volume Recovered (gallons)
Jan	189,866
Feb	181,573
Mar	177,802
Apr	165,728
May	153,278
Jun	689,820
Jul	580,895
Aug	372,275
Sep	515,883
Oct	82,449
Nov	81,169
Dec	28,233
Total	**3,218,971**

PTX06-EW-4



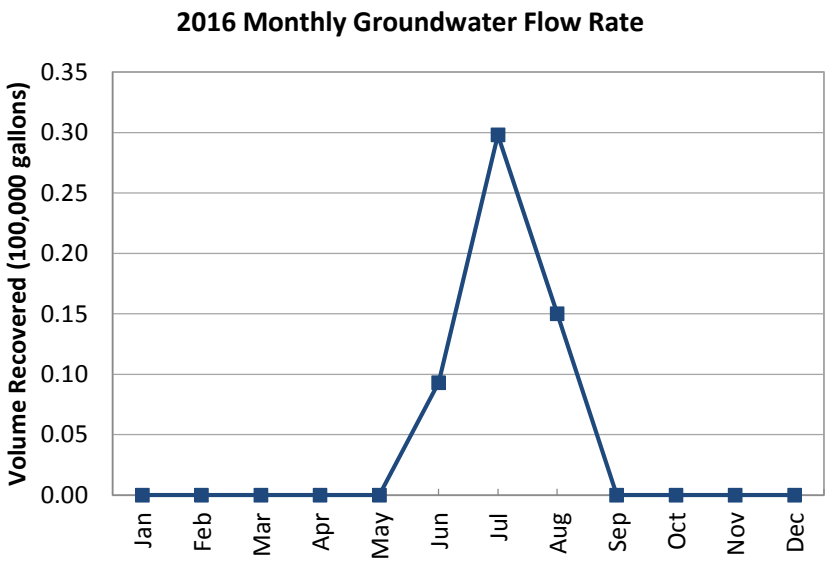
Month	Volume Recovered (gallons)
Jan	143,419
Feb	132,473
Mar	136,189
Apr	134,935
May	131,389
Jun	38,498
Jul	0
Aug	0
Sep	0
Oct	0
Nov	59,846
Dec	127,469
Total	**904,218**

PTX06-EW-6



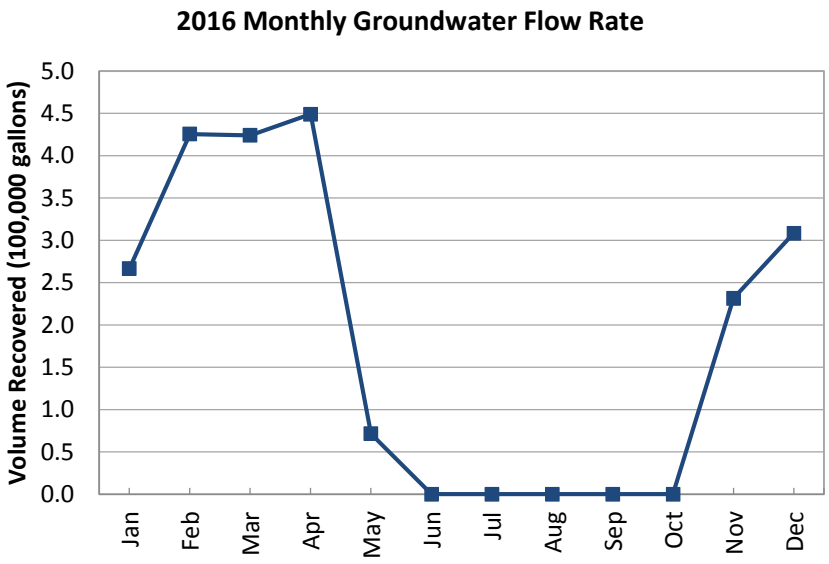
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**0**

PTX06-EW-7



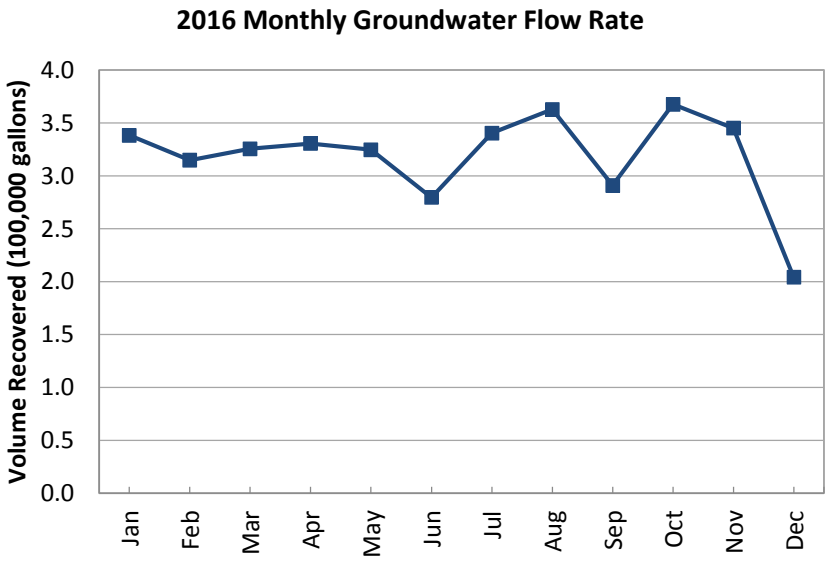
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	9,321
Jul	29,811
Aug	15,020
Sep	0
Oct	0
Nov	0
Dec	0
Total	**54,152**

PTX06-EW-9



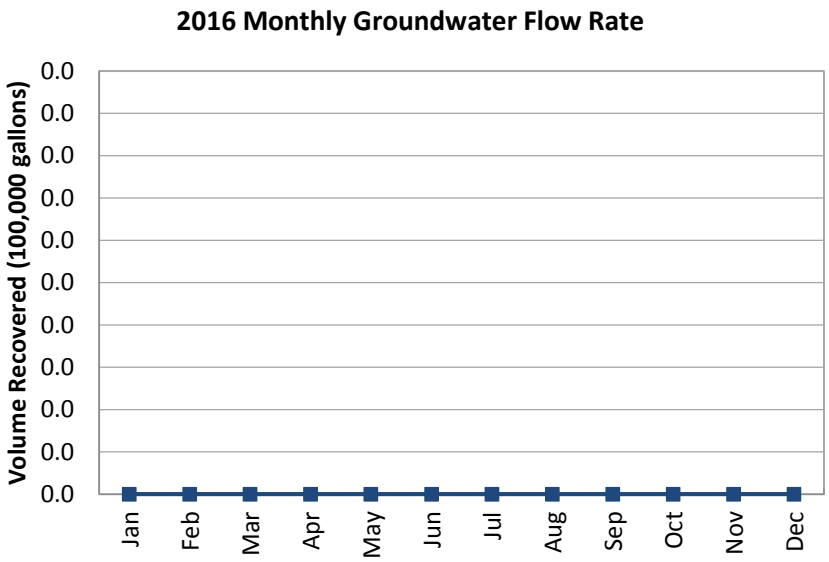
Month	Volume Recovered (gallons)
Jan	266,737
Feb	425,793
Mar	424,197
Apr	449,043
May	71,587
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	231,490
Dec	308,495
Total	**2,177,342**

PTX06-EW-10



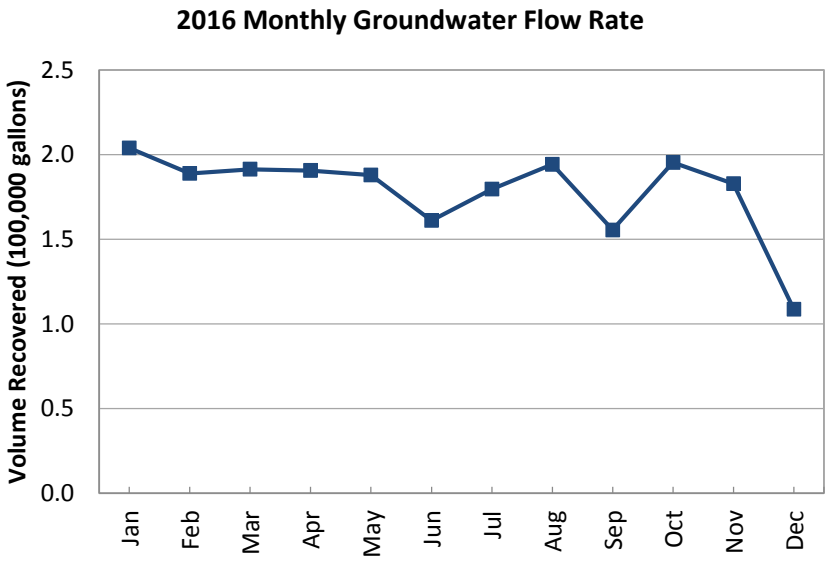
Month	Volume Recovered (gallons)
Jan	338,325
Feb	314,921
Mar	325,701
Apr	330,585
May	324,782
Jun	279,651
Jul	340,533
Aug	362,900
Sep	291,120
Oct	367,756
Nov	345,147
Dec	204,235
Total	**3,825,656**

PTX06-EW-12



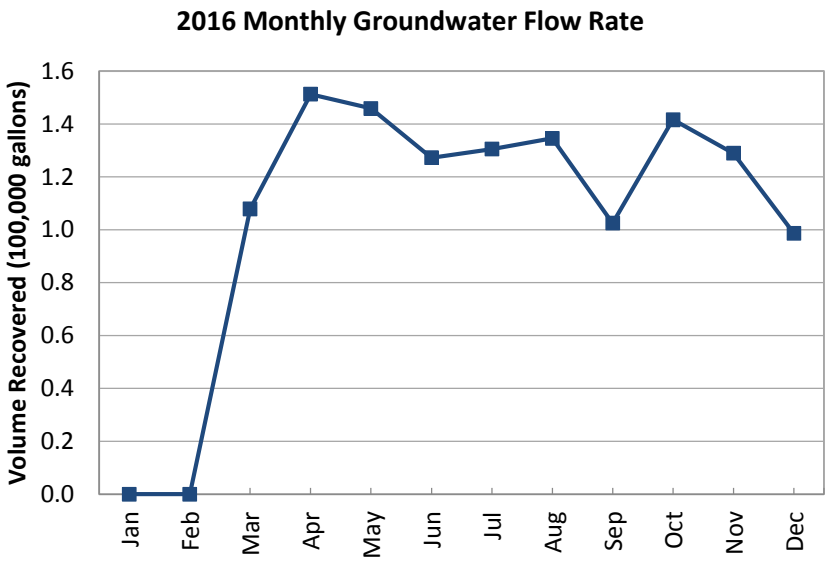
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**0**

PTX06-EW-15



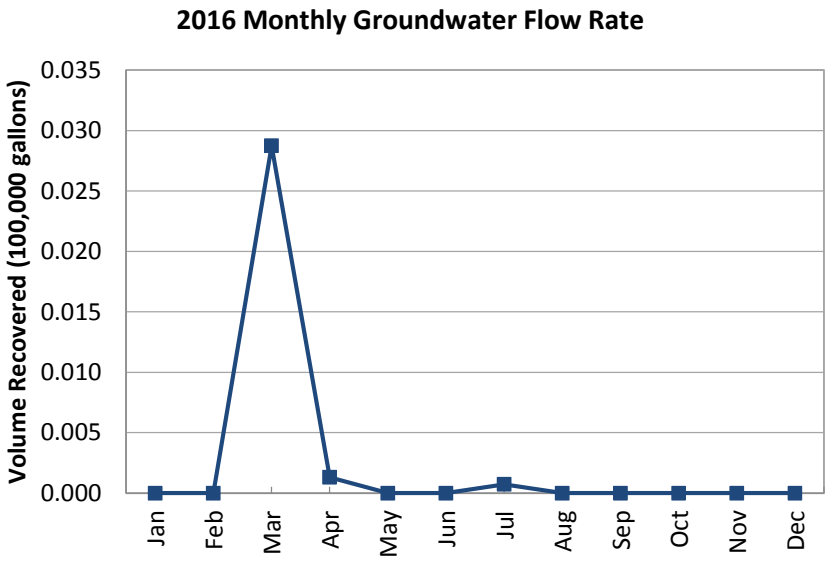
Month	Volume Recovered (gallons)
Jan	204,003
Feb	189,036
Mar	191,515
Apr	190,691
May	188,059
Jun	161,206
Jul	179,787
Aug	194,304
Sep	155,599
Oct	195,471
Nov	182,990
Dec	108,833
Total	**2,141,494**

PTX06-EW-16



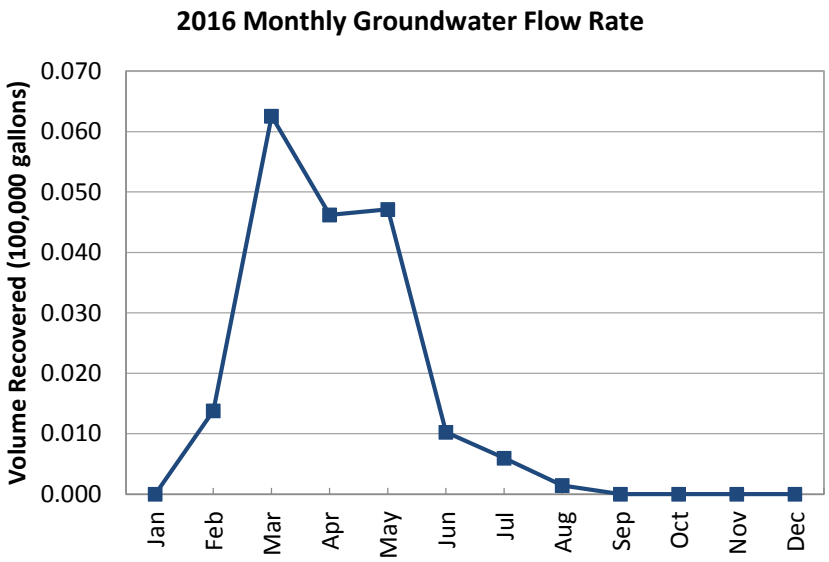
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	107,877
Apr	151,266
May	145,897
Jun	127,313
Jul	130,556
Aug	134,599
Sep	102,526
Oct	141,675
Nov	128,994
Dec	98,734
Total	**1,269,437**

PTX06-EW-17



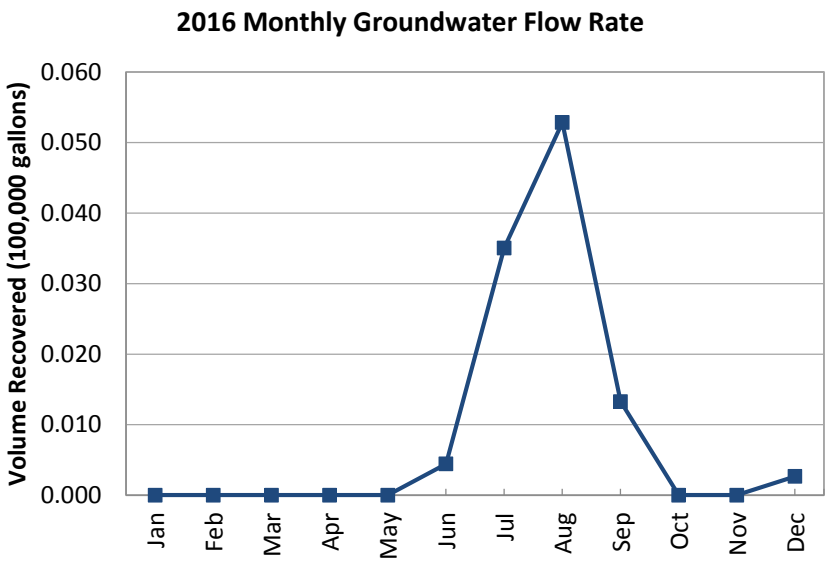
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	2,875
Apr	132
May	0
Jun	0
Jul	73
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**3,080**

PTX06-EW-18



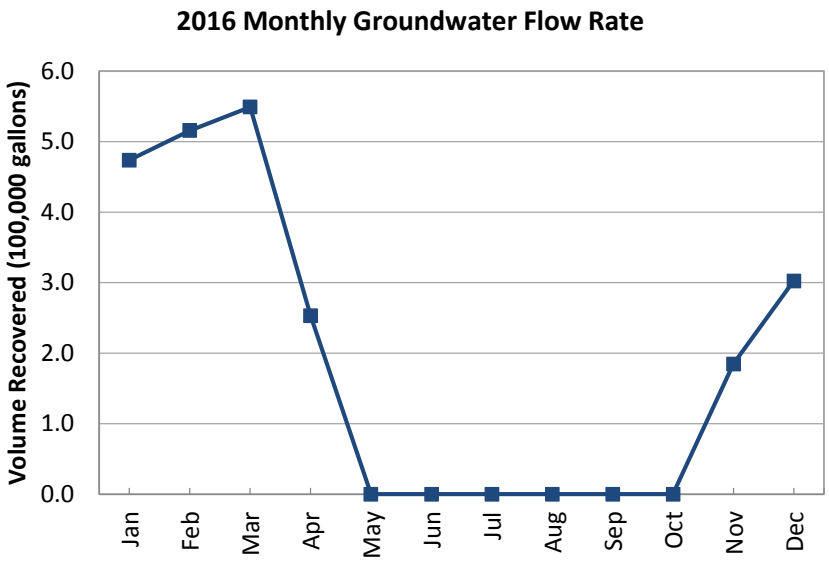
Month	Volume Recovered (gallons)
Jan	0
Feb	1,381
Mar	6,255
Apr	4,623
May	4,711
Jun	1,025
Jul	595
Aug	144
Sep	0
Oct	0
Nov	0
Dec	0
Total	**18,734**

PTX06-EW-19



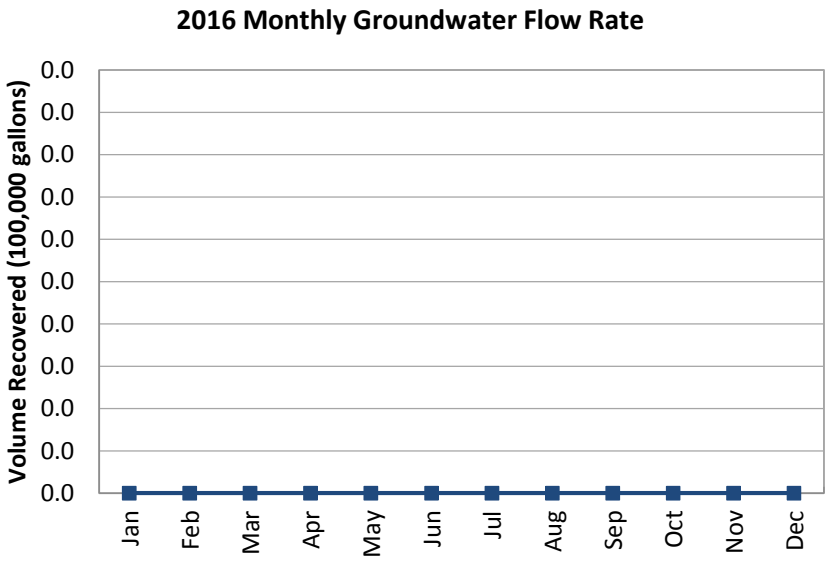
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	444
Jul	3,507
Aug	5,286
Sep	1,329
Oct	0
Nov	0
Dec	268
Total	**10,834**

PTX06-EW-20



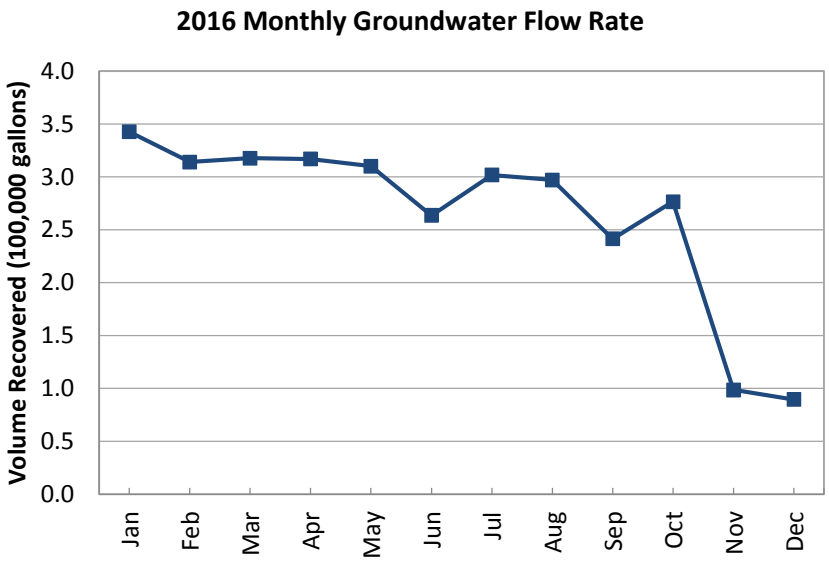
Month	Volume Recovered (gallons)
Jan	473,812
Feb	515,978
Mar	549,212
Apr	253,251
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	184,662
Dec	302,427
Total	**2,279,342**

PTX06-EW-21



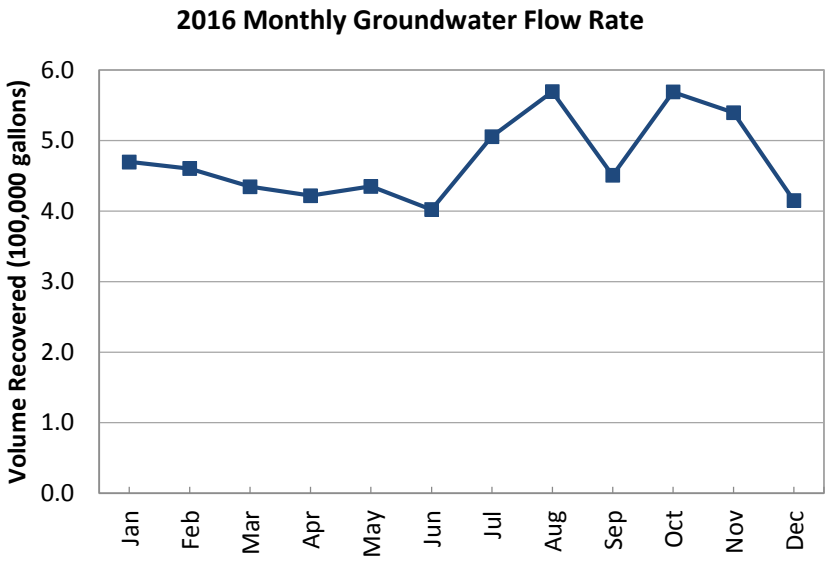
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**0**

PTX06-EW-22



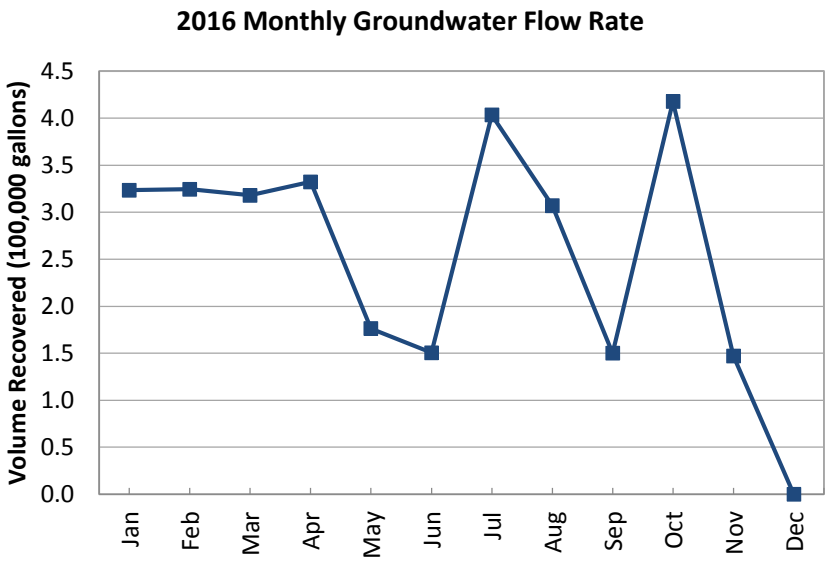
Month	Volume Recovered (gallons)
Jan	342,779
Feb	314,088
Mar	317,708
Apr	316,977
May	310,123
Jun	263,681
Jul	301,835
Aug	297,204
Sep	241,501
Oct	276,516
Nov	98,644
Dec	89,649
Total	**3,170,705**

PTX06-EW-23



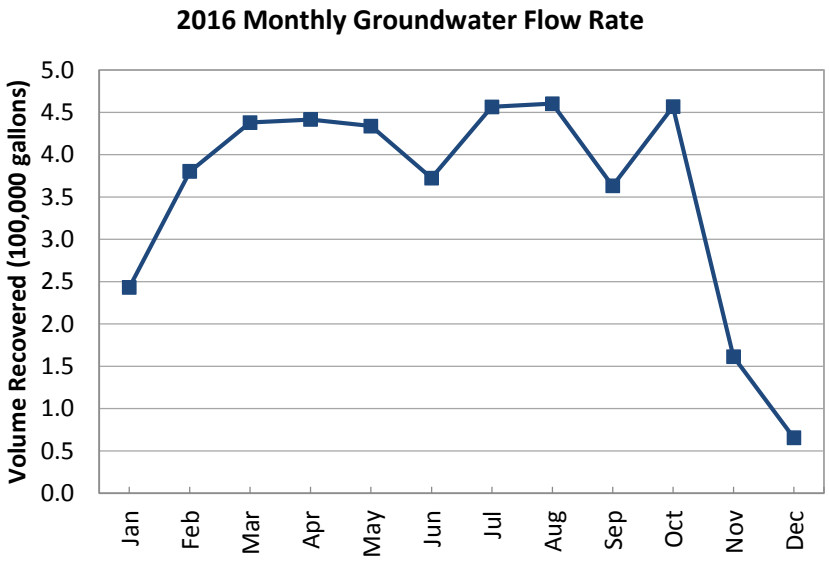
Month	Volume Recovered (gallons)
Jan	469,721
Feb	460,475
Mar	434,892
Apr	421,979
May	435,183
Jun	402,248
Jul	505,659
Aug	569,696
Sep	450,967
Oct	569,086
Nov	539,761
Dec	415,146
Total	**5,674,813**

PTX06-EW-24



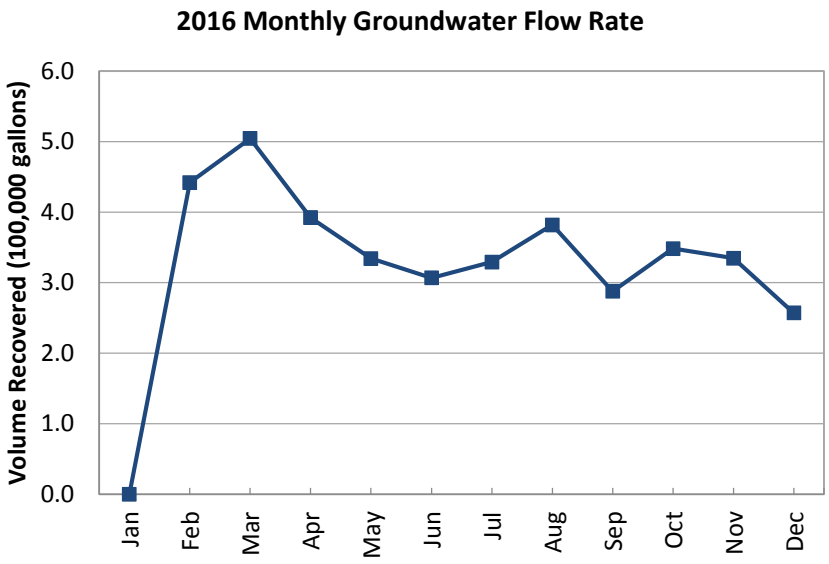
Month	Volume Recovered (gallons)
Jan	323,329
Feb	324,311
Mar	317,838
Apr	332,236
May	176,187
Jun	150,529
Jul	403,418
Aug	307,010
Sep	150,029
Oct	417,649
Nov	147,066
Dec	0
Total	**3,049,602**

PTX06-EW-25



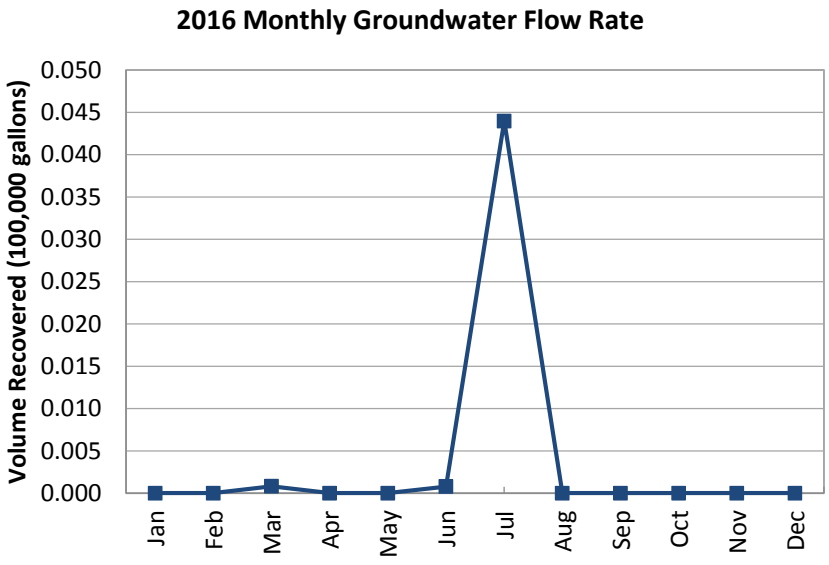
Month	Volume Recovered (gallons)
Jan	243,445
Feb	380,306
Mar	438,139
Apr	441,782
May	433,882
Jun	372,601
Jul	456,732
Aug	460,495
Sep	363,351
Oct	456,902
Nov	161,521
Dec	65,631
Total	**4,274,787**

PTX06-EW-26



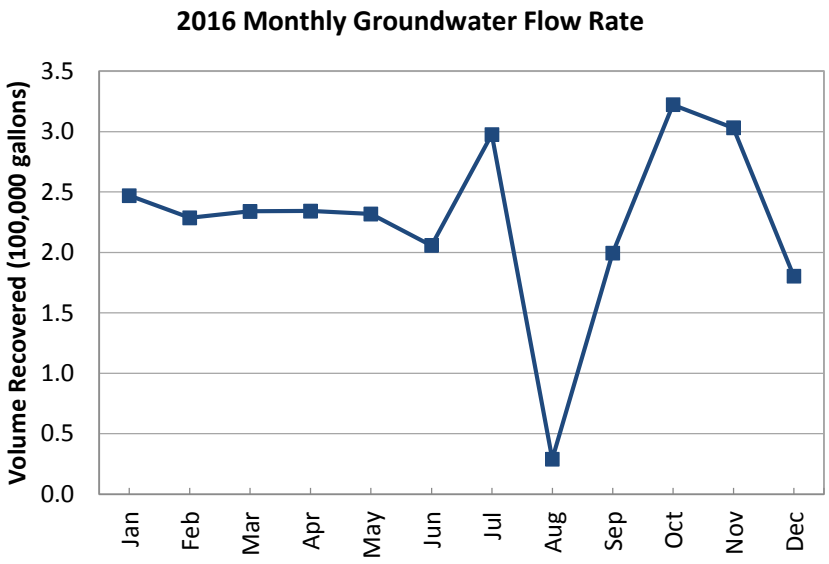
Month	Volume Recovered (gallons)
Jan	0
Feb	442,025
Mar	504,628
Apr	392,264
May	334,296
Jun	306,844
Jul	329,226
Aug	381,992
Sep	287,614
Oct	348,433
Nov	334,833
Dec	257,316
Total	**3,919,471**

PTX06-EW-27



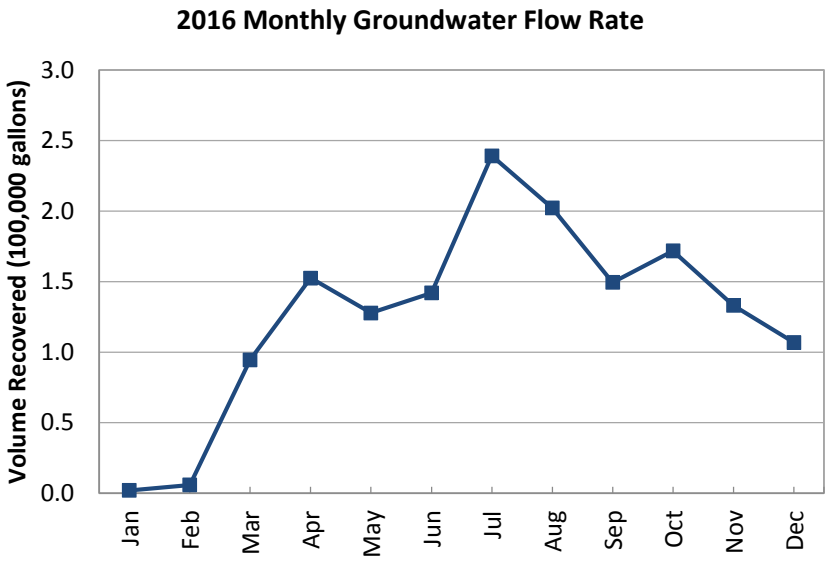
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	83
Apr	0
May	0
Jun	78
Jul	4,401
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**4,562**

PTX06-EW-28



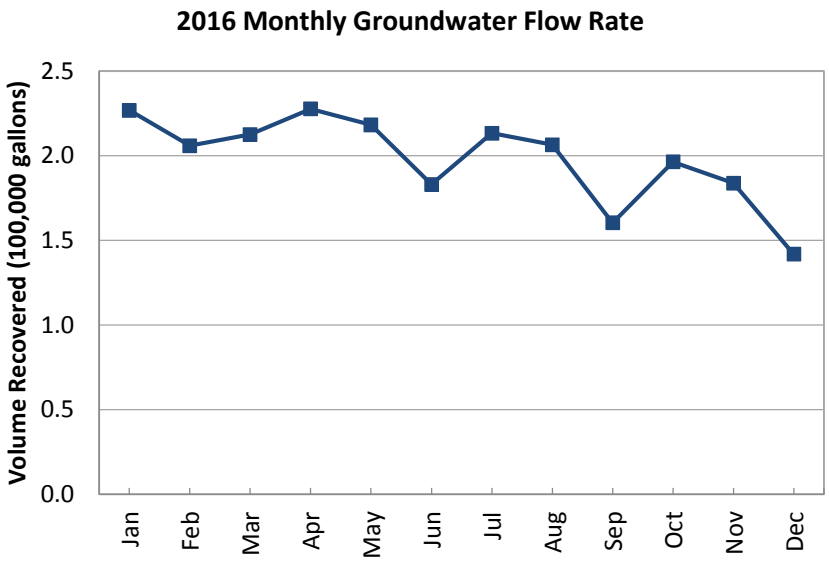
Month	Volume Recovered (gallons)
Jan	246,971
Feb	228,658
Mar	233,947
Apr	234,329
May	231,876
Jun	205,702
Jul	297,619
Aug	28,953
Sep	199,395
Oct	322,199
Nov	303,050
Dec	180,447
Total	**2,713,146**

PTX06-EW-29



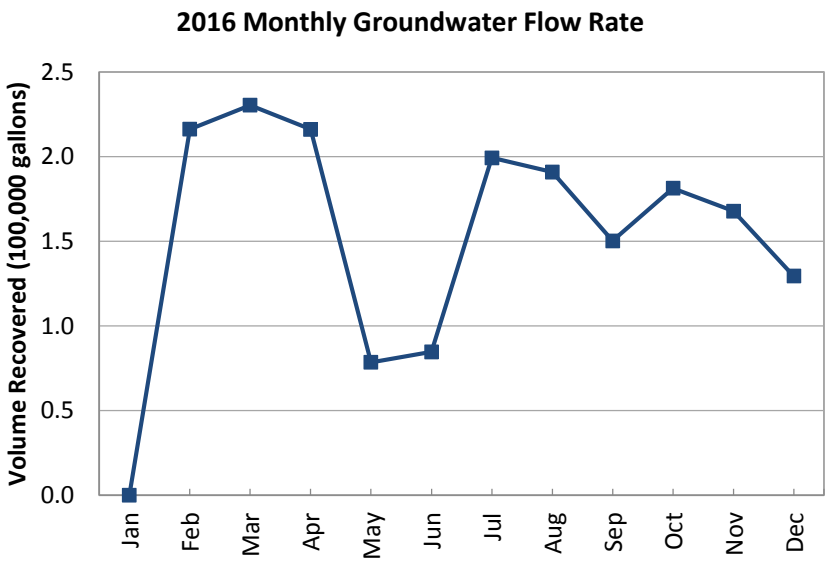
Month	Volume Recovered (gallons)
Jan	1,953
Feb	5,899
Mar	94,592
Apr	152,660
May	127,834
Jun	142,058
Jul	239,185
Aug	202,258
Sep	149,576
Oct	171,819
Nov	133,159
Dec	106,915
Total	**1,527,908**

PTX06-EW-30



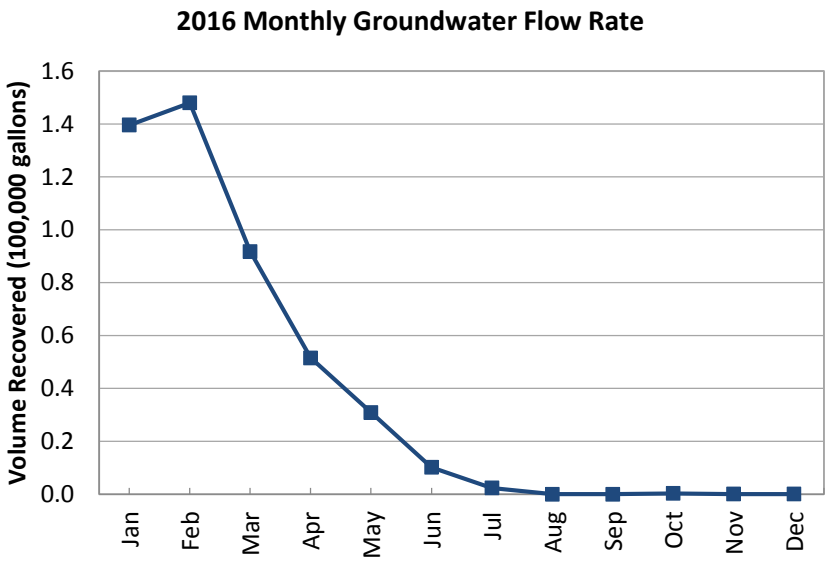
Month	Volume Recovered (gallons)
Jan	226,822
Feb	206,008
Mar	212,624
Apr	227,693
May	218,260
Jun	183,094
Jul	213,395
Aug	206,559
Sep	160,453
Oct	196,449
Nov	183,851
Dec	141,866
Total	**2,377,074**

PTX06-EW-31



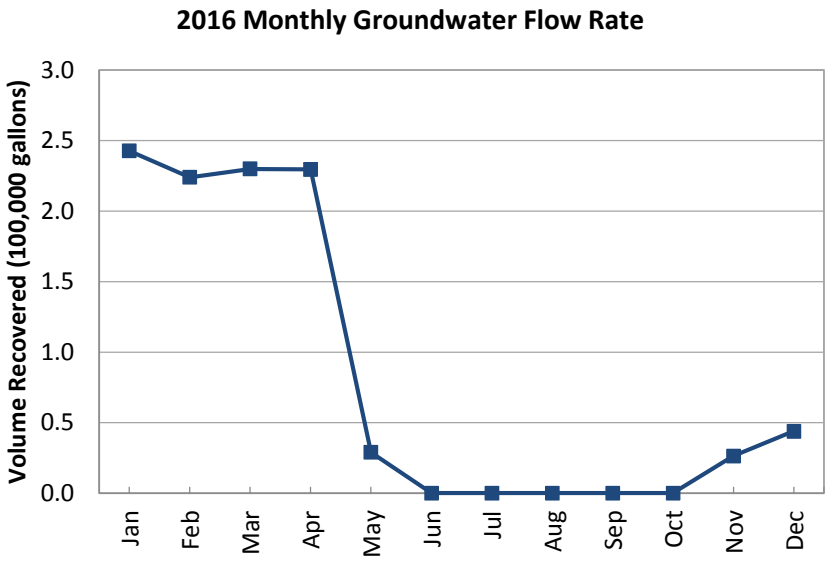
Month	Volume Recovered (gallons)
Jan	0
Feb	216,322
Mar	230,516
Apr	216,228
May	78,576
Jun	84,726
Jul	199,321
Aug	190,978
Sep	150,330
Oct	181,441
Nov	167,940
Dec	129,538
Total	**1,845,916**

PTX06-EW-32



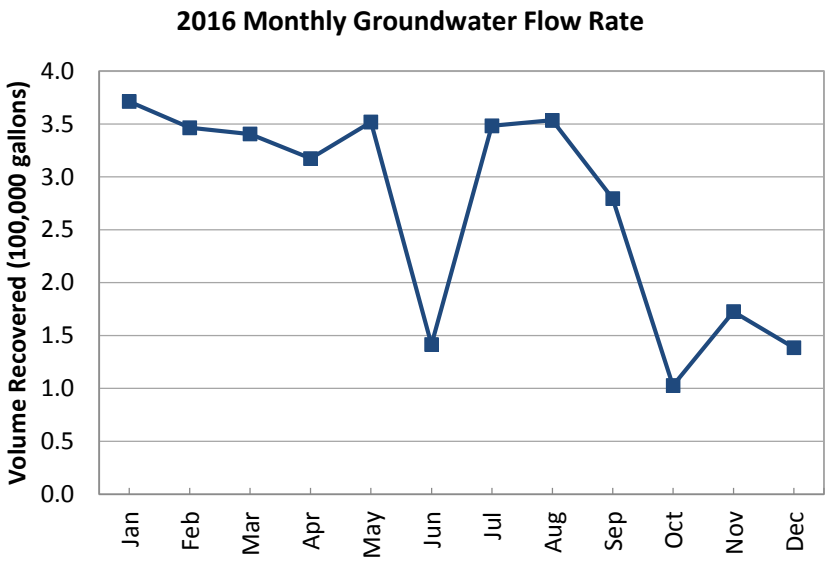
Month	Volume Recovered (gallons)
Jan	139,675
Feb	148,004
Mar	91,836
Apr	51,570
May	30,920
Jun	10,129
Jul	2,401
Aug	0
Sep	0
Oct	320
Nov	64
Dec	60
Total	**474,979**

PTX06-EW-33



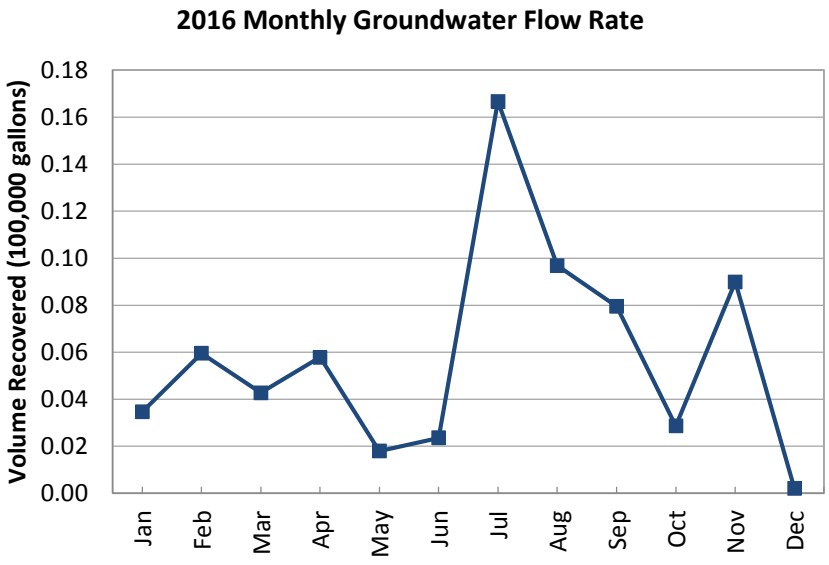
Month	Volume Recovered (gallons)
Jan	242,759
Feb	224,061
Mar	230,038
Apr	229,664
May	28,989
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	26,370
Dec	43,891
Total	**1,025,772**

PTX06-EW-34



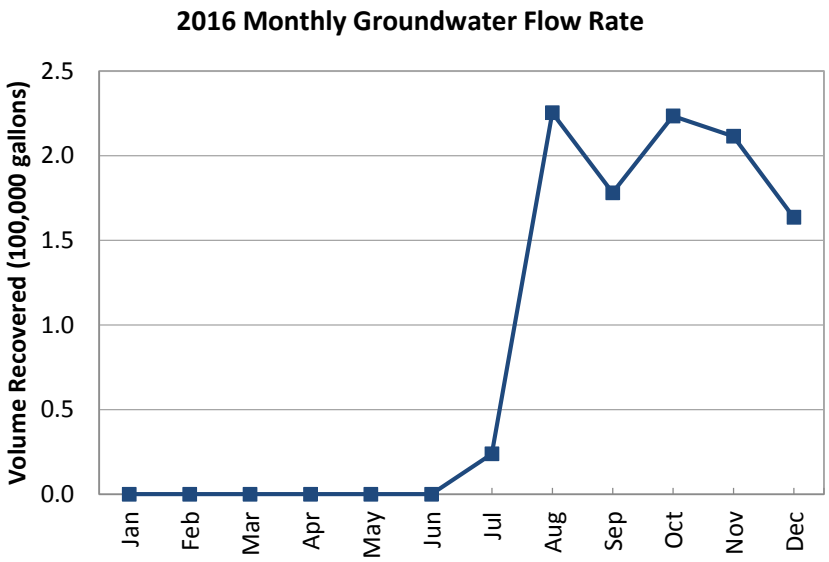
Month	Volume Recovered (gallons)
Jan	371,274
Feb	346,539
Mar	340,576
Apr	317,409
May	351,899
Jun	141,514
Jul	348,424
Aug	353,478
Sep	279,551
Oct	102,609
Nov	172,648
Dec	138,618
Total	**3,264,539**

PTX06-EW-35



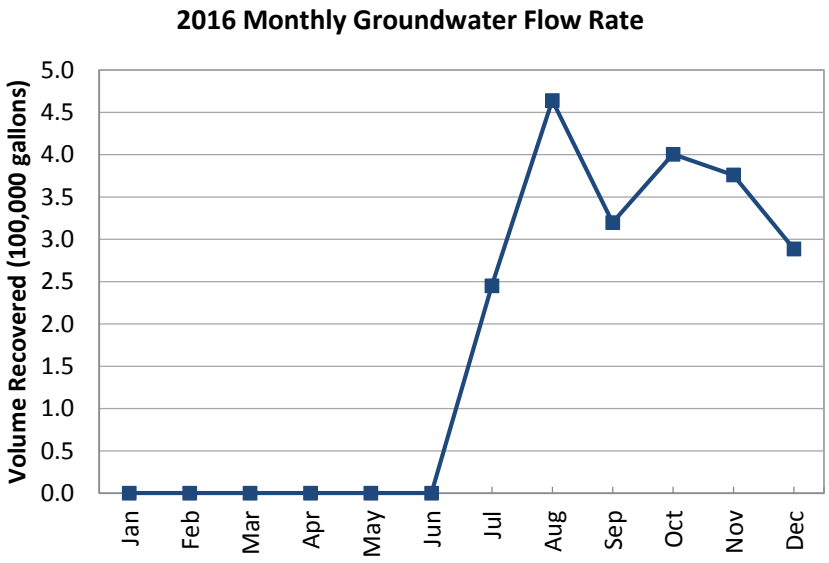
Month	Volume Recovered (gallons)
Jan	3,460
Feb	5,957
Mar	4,272
Apr	5,784
May	1,795
Jun	2,356
Jul	16,672
Aug	9,690
Sep	7,952
Oct	2,860
Nov	8,992
Dec	205
Total	**69,995**

PTX06-EW-36



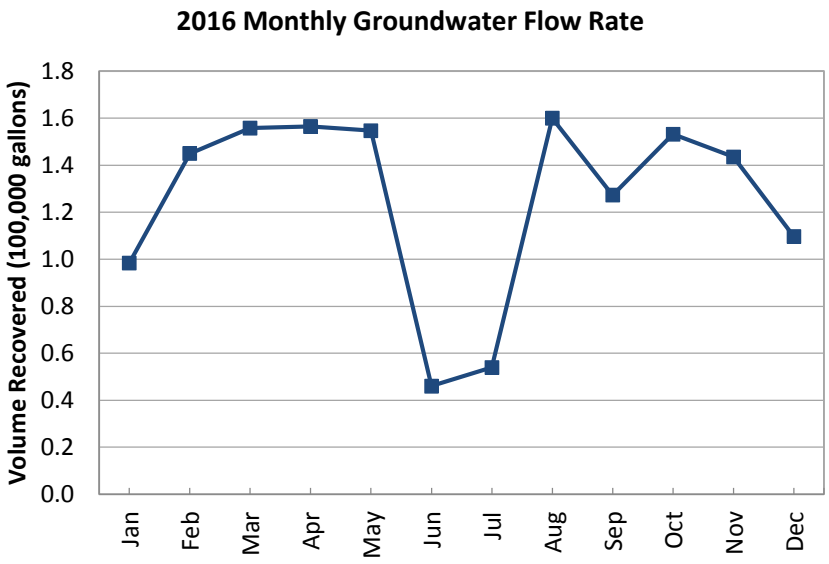
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	23,786
Aug	225,434
Sep	178,096
Oct	223,518
Nov	211,602
Dec	163,658
Total	**1,026,094**

PTX06-EW-37



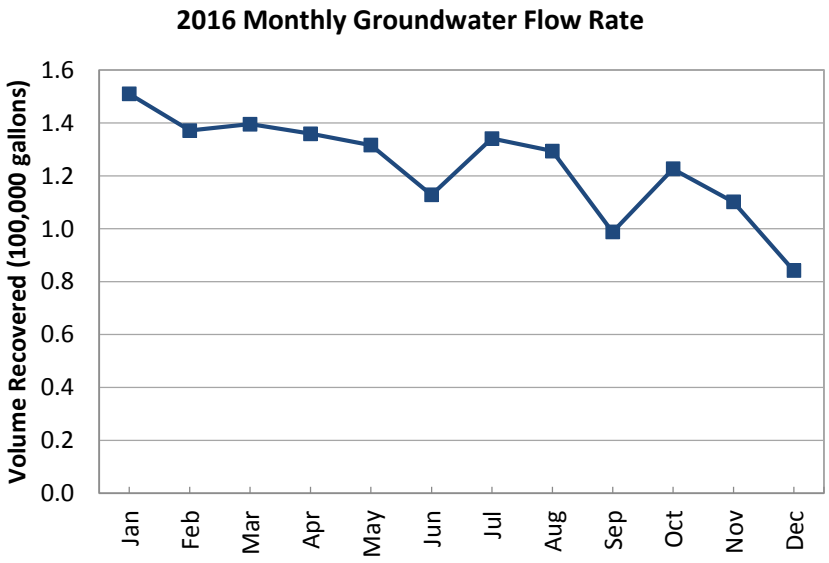
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	245,262
Aug	464,181
Sep	319,880
Oct	400,653
Nov	376,213
Dec	288,819
Total	**2,095,008**

PTX06-EW-38



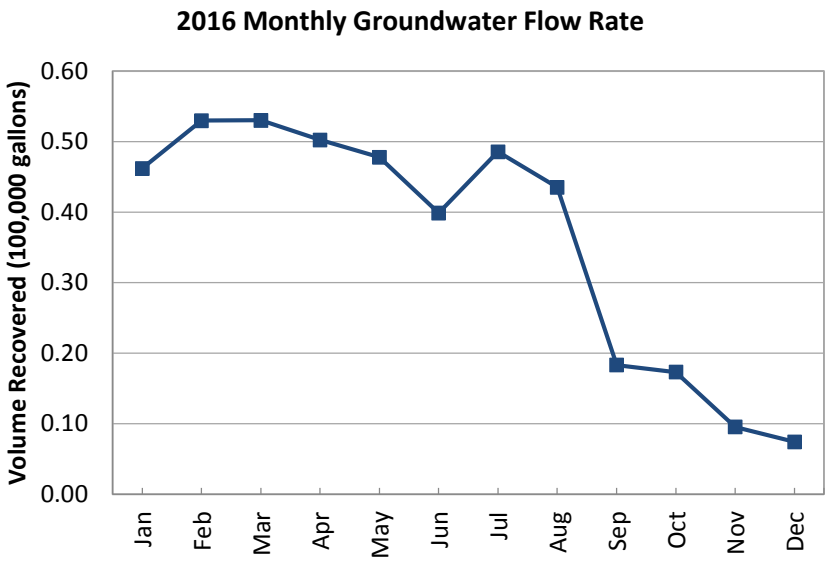
Month	Volume Recovered (gallons)
Jan	98,395
Feb	144,962
Mar	155,828
Apr	156,468
May	154,749
Jun	45,994
Jul	53,911
Aug	159,993
Sep	127,210
Oct	153,209
Nov	143,534
Dec	109,704
Total	**1,503,957**

PTX06-EW-39



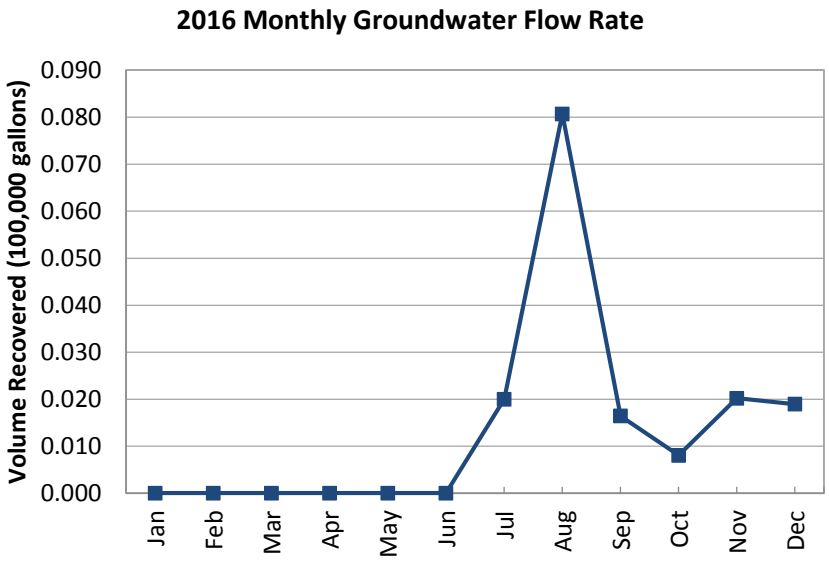
Month	Volume Recovered (gallons)
Jan	151,078
Feb	137,149
Mar	139,565
Apr	135,940
May	131,651
Jun	112,854
Jul	134,131
Aug	129,425
Sep	98,772
Oct	122,660
Nov	110,214
Dec	84,233
Total	**1,487,672**

PTX06-EW-40



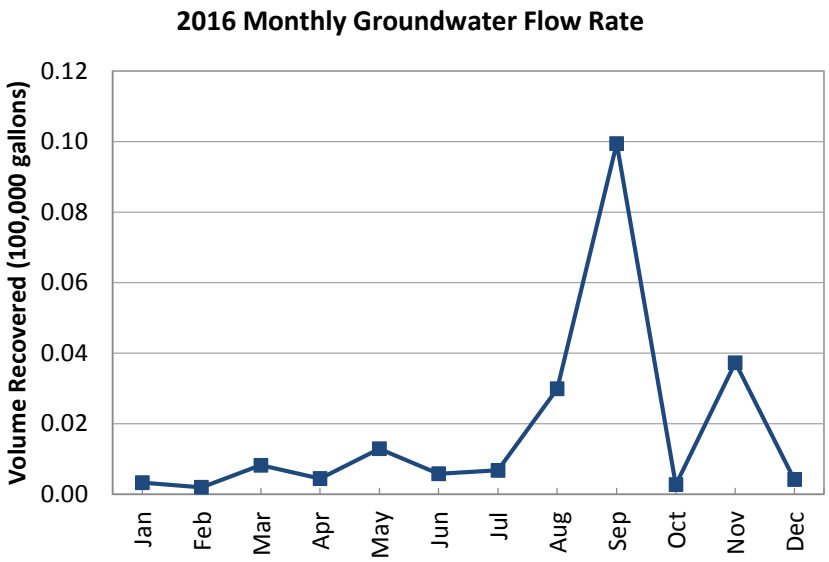
Month	Volume Recovered (gallons)
Jan	46,199
Feb	52,978
Mar	53,038
Apr	50,257
May	47,801
Jun	39,882
Jul	48,582
Aug	43,515
Sep	18,312
Oct	17,312
Nov	9,536
Dec	7,418
Total	**434,830**

PTX06-EW-41



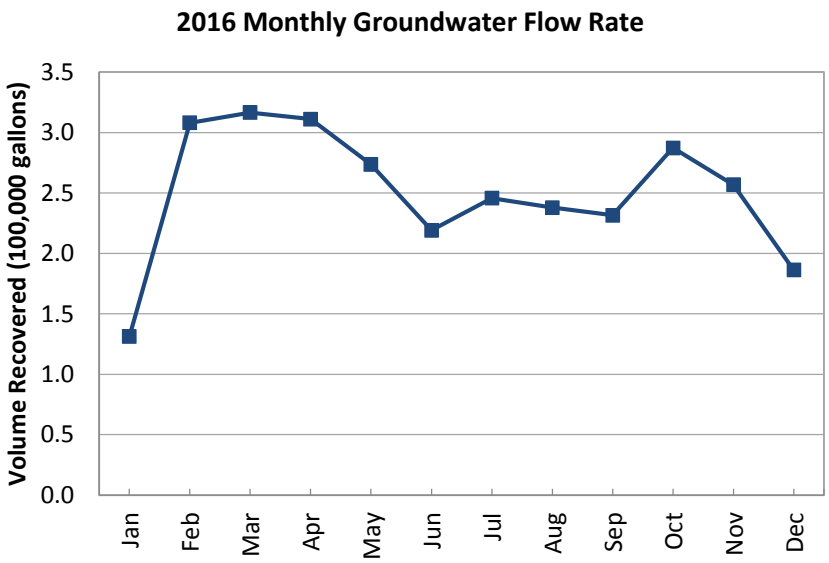
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	2,001
Aug	8,071
Sep	1,641
Oct	805
Nov	2,019
Dec	1,893
Total	**16,430**

PTX06-EW-42



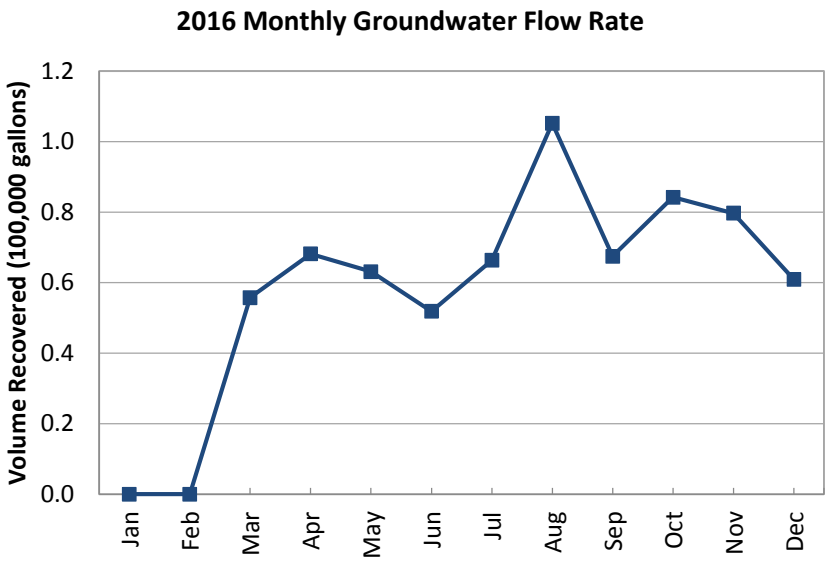
Month	Volume Recovered (gallons)
Jan	330
Feb	196
Mar	820
Apr	441
May	1,288
Jun	581
Jul	677
Aug	2,990
Sep	9,952
Oct	270
Nov	3,730
Dec	416
Total	**21,691**

PTX06-EW-43



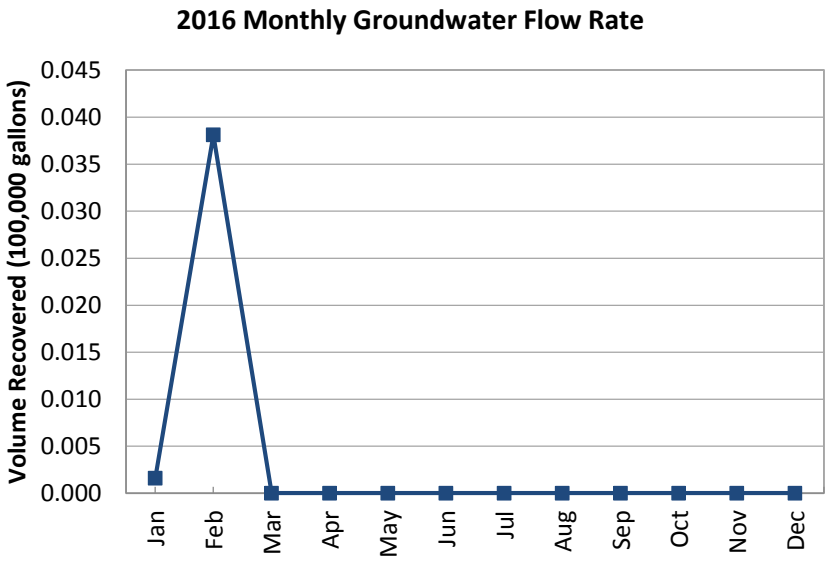
Month	Volume Recovered (gallons)
Jan	131,287
Feb	308,199
Mar	316,684
Apr	311,138
May	273,709
Jun	219,099
Jul	245,758
Aug	237,958
Sep	231,592
Oct	287,269
Nov	256,997
Dec	186,400
Total	**3,006,090**

PTX06-EW-44



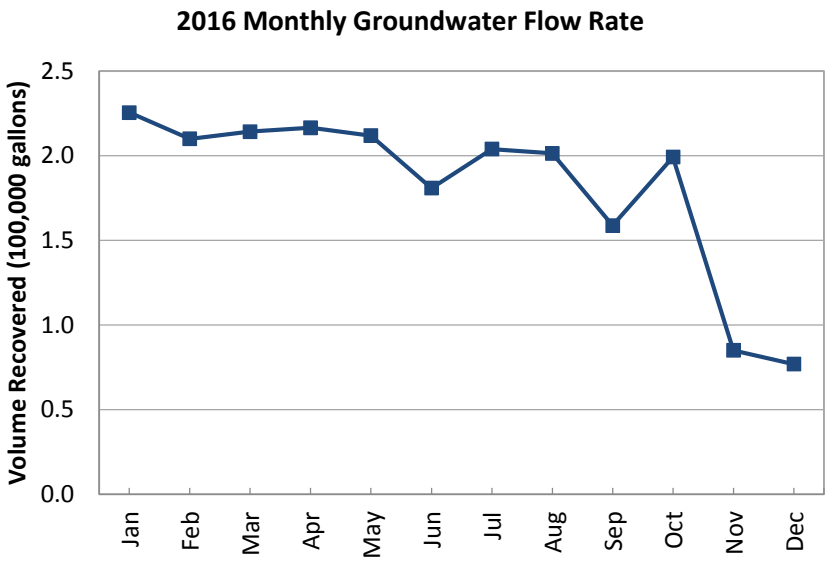
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	55,749
Apr	68,159
May	63,141
Jun	51,882
Jul	66,353
Aug	105,249
Sep	67,477
Oct	84,235
Nov	79,733
Dec	60,950
Total	**702,928**

PTX06-EW-45



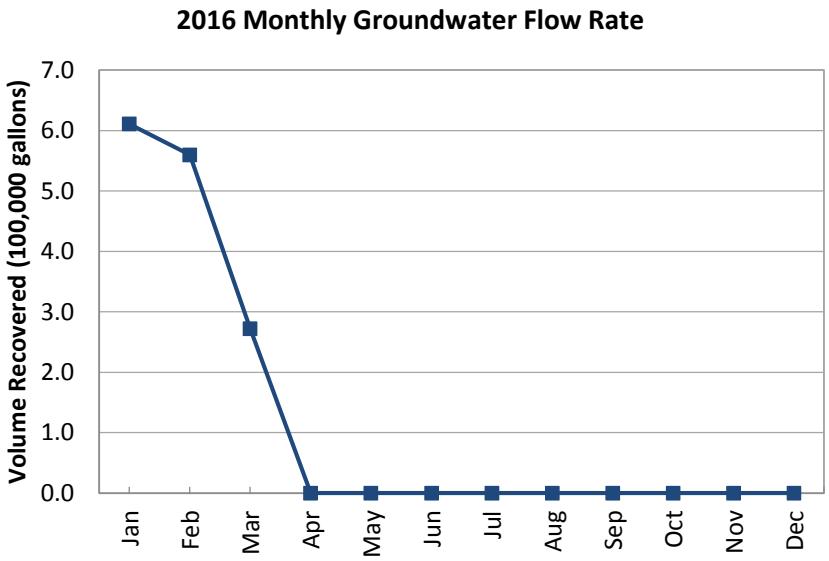
Month	Volume Recovered (gallons)
Jan	161
Feb	3,811
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**3,972**

PTX06-EW-46



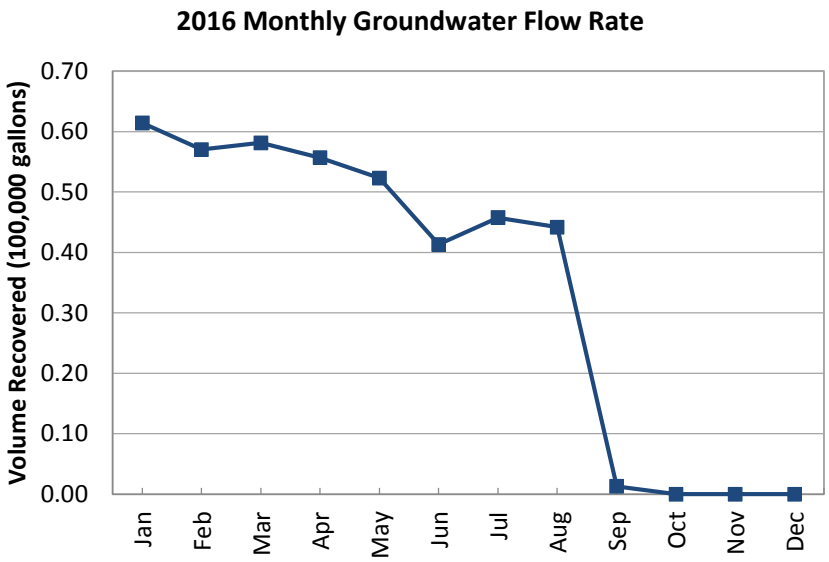
Month	Volume Recovered (gallons)
Jan	225,507
Feb	210,086
Mar	214,308
Apr	216,567
May	211,942
Jun	180,851
Jul	203,998
Aug	201,460
Sep	158,767
Oct	199,248
Nov	85,005
Dec	76,899
Total	**2,184,638**

PTX06-EW-48



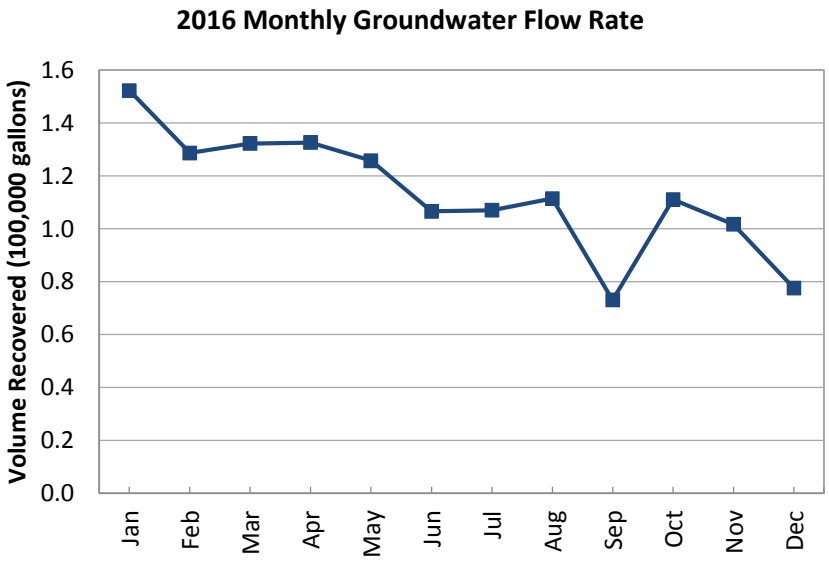
Month	Volume Recovered (gallons)
Jan	610,907
Feb	559,779
Mar	272,294
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**1,442,980**

PTX06-EW-49



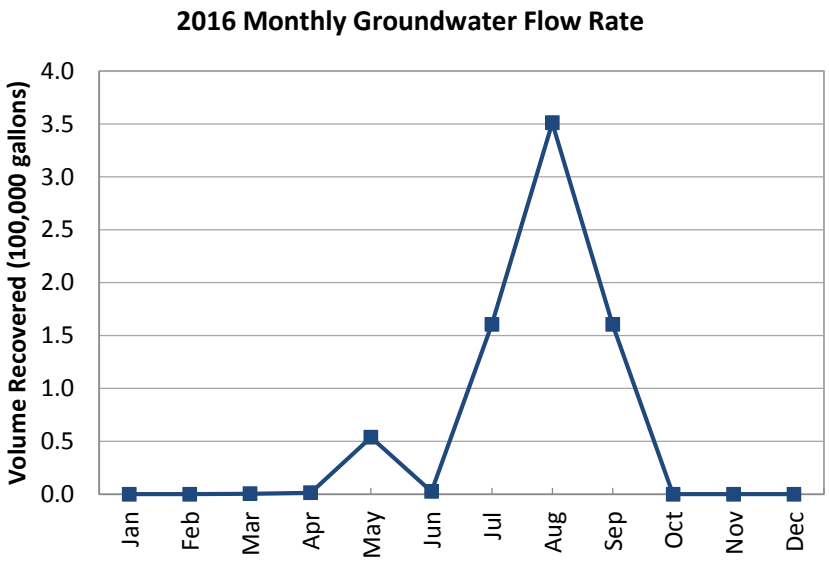
Month	Volume Recovered (gallons)
Jan	61,437
Feb	57,038
Mar	58,163
Apr	55,688
May	52,316
Jun	41,335
Jul	45,762
Aug	44,212
Sep	1,325
Oct	0
Nov	0
Dec	0
Total	**417,276**

PTX06-EW-50



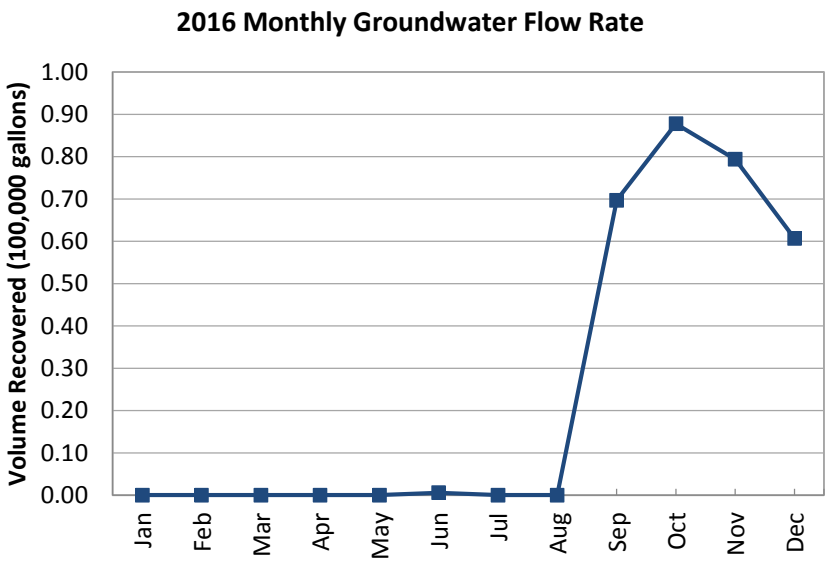
Month	Volume Recovered (gallons)
Jan	152,327
Feb	128,678
Mar	132,253
Apr	132,647
May	125,792
Jun	106,594
Jul	107,016
Aug	111,484
Sep	73,077
Oct	111,081
Nov	101,672
Dec	77,620
Total	**1,360,241**

PTX06-EW-51



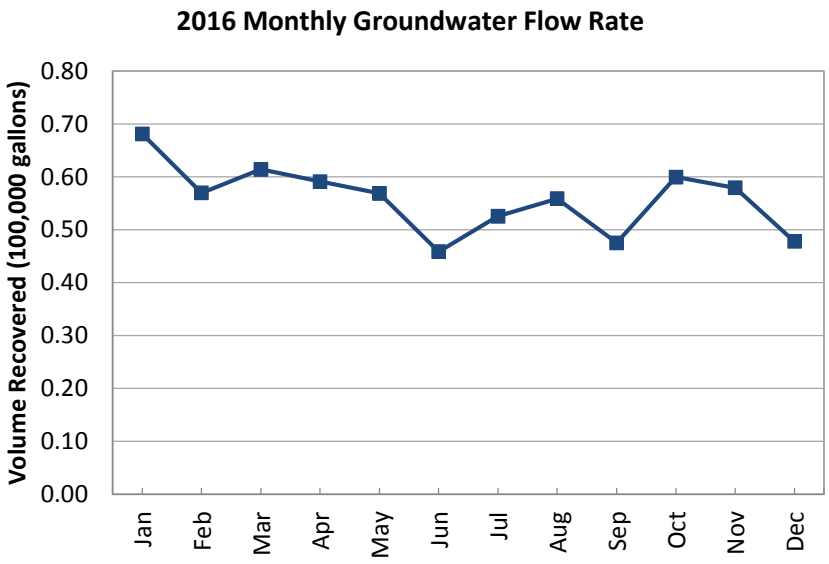
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	525
Apr	1,487
May	53,834
Jun	2,719
Jul	160,653
Aug	351,287
Sep	160,643
Oct	0
Nov	0
Dec	0
Total	**731,148**

PTX06-EW-53



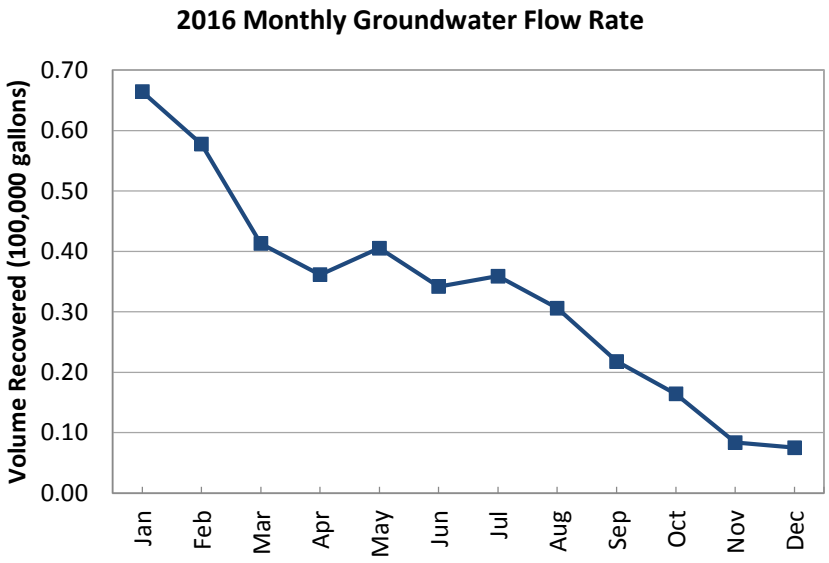
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	586
Jul	0
Aug	0
Sep	69,749
Oct	87,799
Nov	79,383
Dec	60,706
Total	**298,223**

PTX06-EW-54



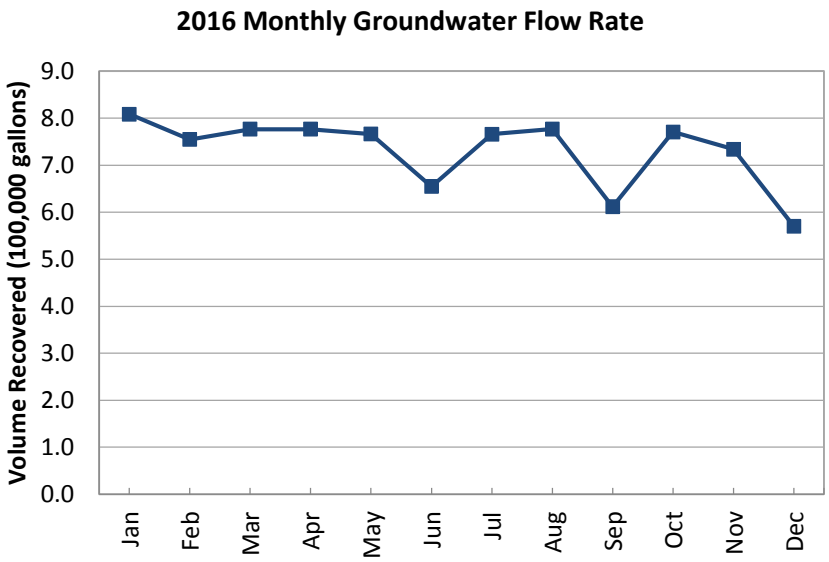
Month	Volume Recovered (gallons)
Jan	68,162
Feb	56,963
Mar	61,436
Apr	59,112
May	56,877
Jun	45,891
Jul	52,567
Aug	55,888
Sep	47,534
Oct	59,969
Nov	57,939
Dec	47,822
Total	**670,160**

PTX06-EW-55



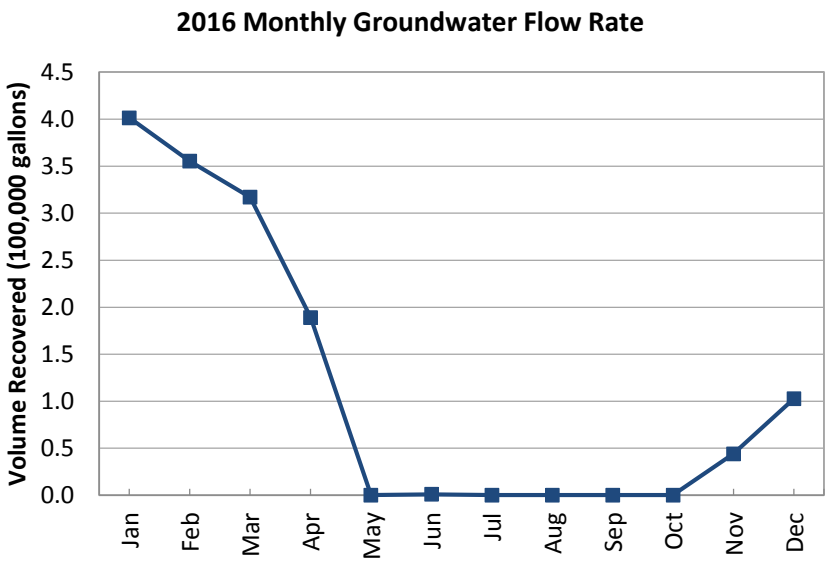
Month	Volume Recovered (gallons)
Jan	66,457
Feb	57,755
Mar	41,313
Apr	36,172
May	40,548
Jun	34,197
Jul	35,929
Aug	30,614
Sep	21,806
Oct	16,442
Nov	8,388
Dec	7,542
Total	**397,163**

PTX06-EW-56



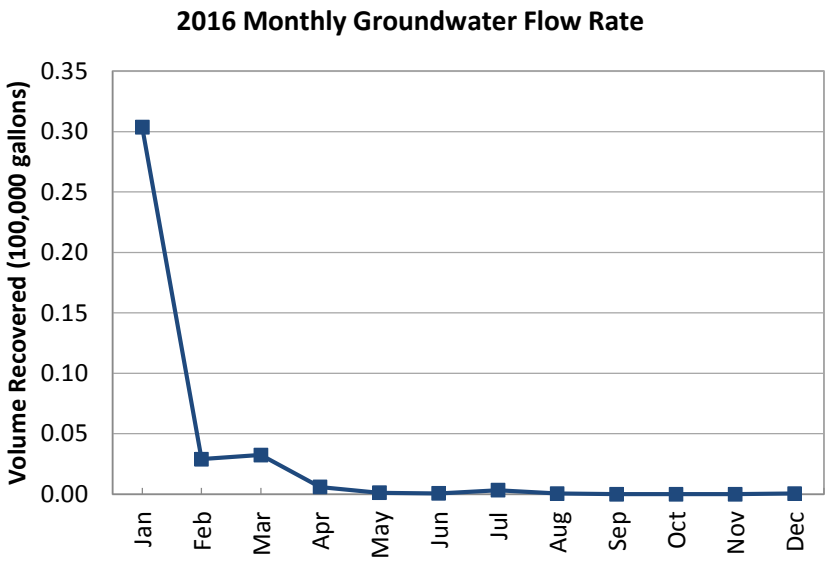
Month	Volume Recovered (gallons)
Jan	808,273
Feb	754,860
Mar	776,715
Apr	776,540
May	766,445
Jun	654,485
Jul	766,098
Aug	777,136
Sep	611,676
Oct	770,729
Nov	734,188
Dec	570,416
Total	**8,767,561**

PTX06-EW-57



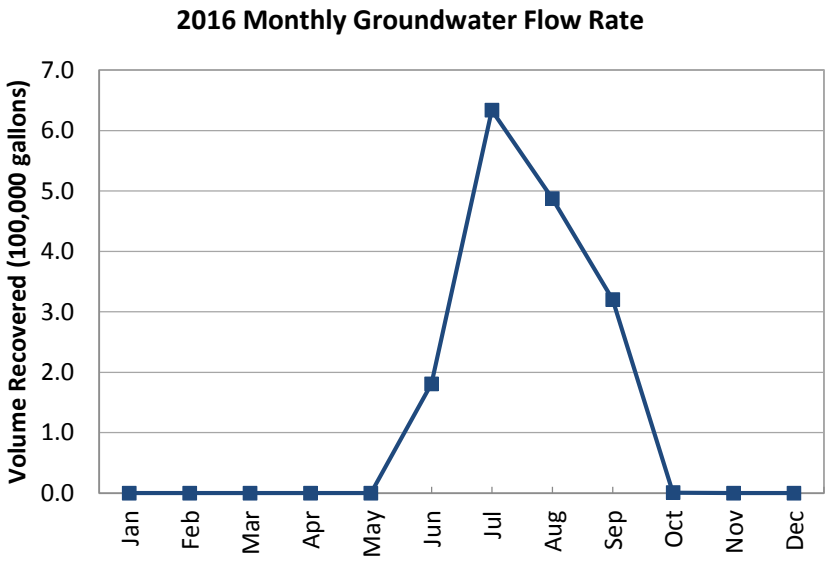
Month	Volume Recovered (gallons)
Jan	401,424
Feb	355,245
Mar	317,136
Apr	188,932
May	0
Jun	918
Jul	0
Aug	0
Sep	0
Oct	0
Nov	44,100
Dec	102,626
Total	**1,410,381**

PTX06-EW-58



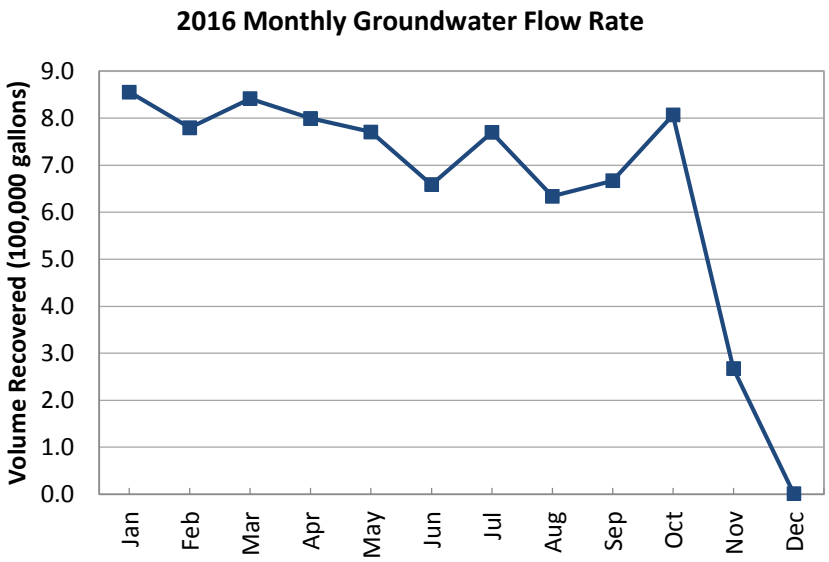
Month	Volume Recovered (gallons)
Jan	30,380
Feb	2,897
Mar	3,237
Apr	601
May	122
Jun	70
Jul	337
Aug	60
Sep	0
Oct	0
Nov	0
Dec	62
Total	**37,766**

PTX06-EW-59



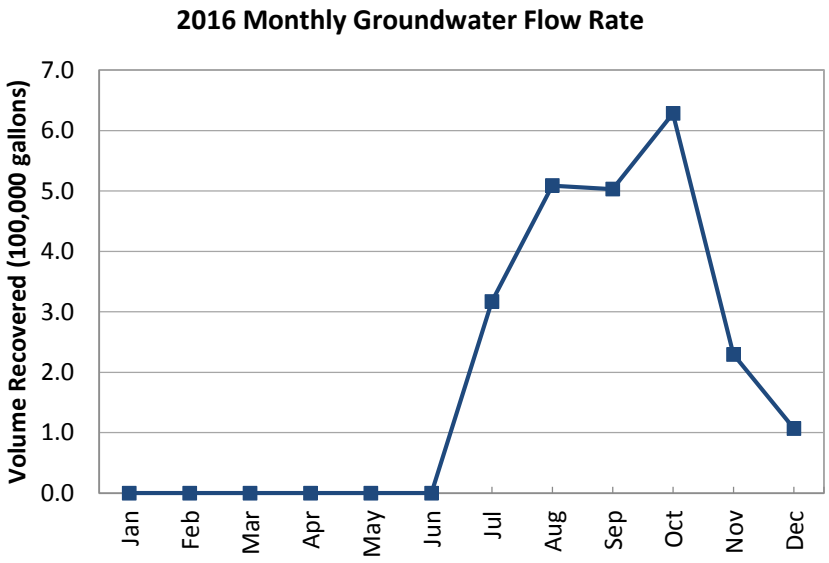
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	180,964
Jul	633,772
Aug	487,593
Sep	320,420
Oct	990
Nov	70
Dec	0
Total	**1,623,809**

PTX06-EW-60



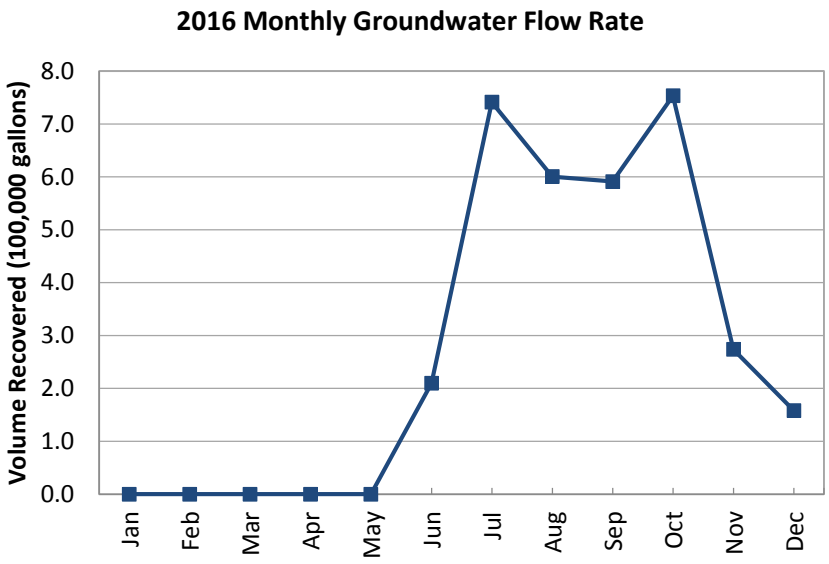
Month	Volume Recovered (gallons)
Jan	855,335
Feb	779,738
Mar	841,608
Apr	799,644
May	770,999
Jun	658,785
Jul	769,856
Aug	633,850
Sep	666,706
Oct	806,553
Nov	267,119
Dec	1,404
Total	**7,851,597**

PTX06-EW-61



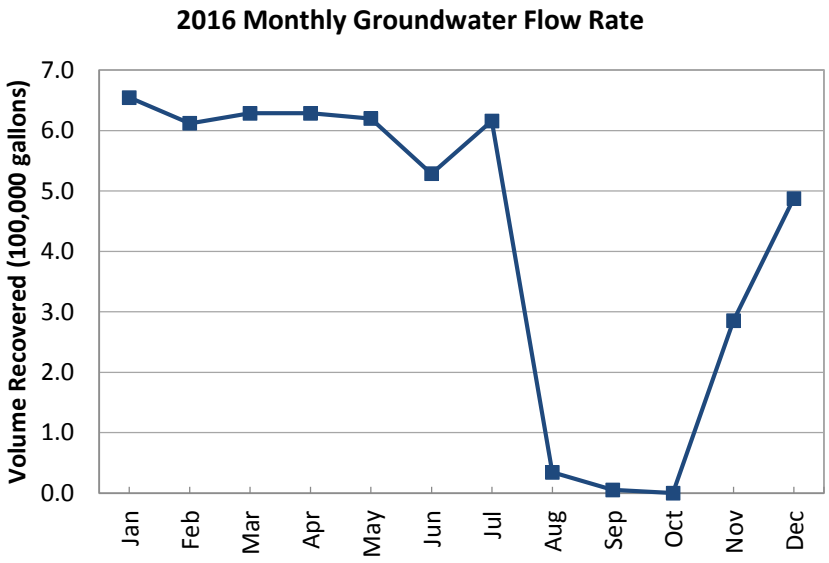
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	142
Jul	317,109
Aug	509,032
Sep	503,307
Oct	628,485
Nov	229,900
Dec	107,180
Total	**2,295,155**

PTX06-EW-62



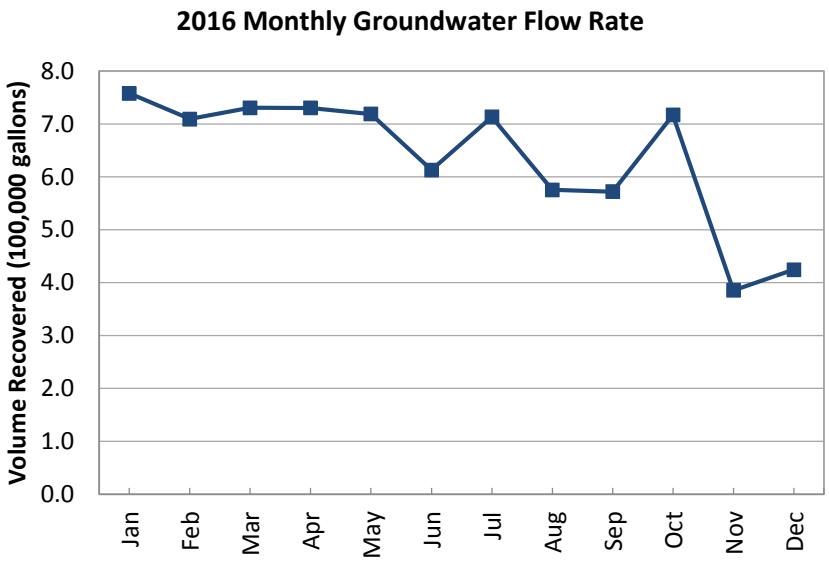
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	209,599
Jul	741,374
Aug	600,644
Sep	591,329
Oct	753,541
Nov	273,768
Dec	158,243
Total	**3,328,498**

PTX06-EW-63



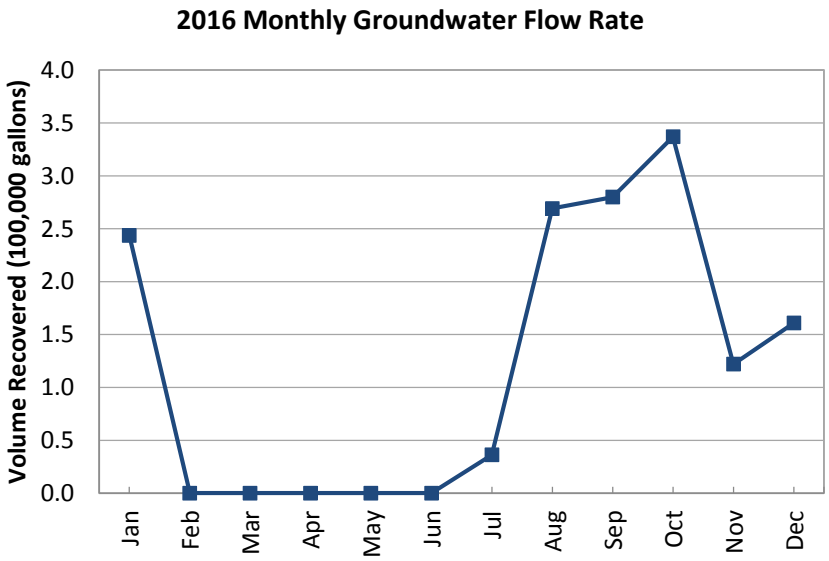
Month	Volume Recovered (gallons)
Jan	654,798
Feb	611,966
Mar	628,731
Apr	628,810
May	619,882
Jun	528,645
Jul	616,132
Aug	34,586
Sep	5,493
Oct	0
Nov	285,287
Dec	487,754
Total	**5,102,084**

PTX06-EW-64



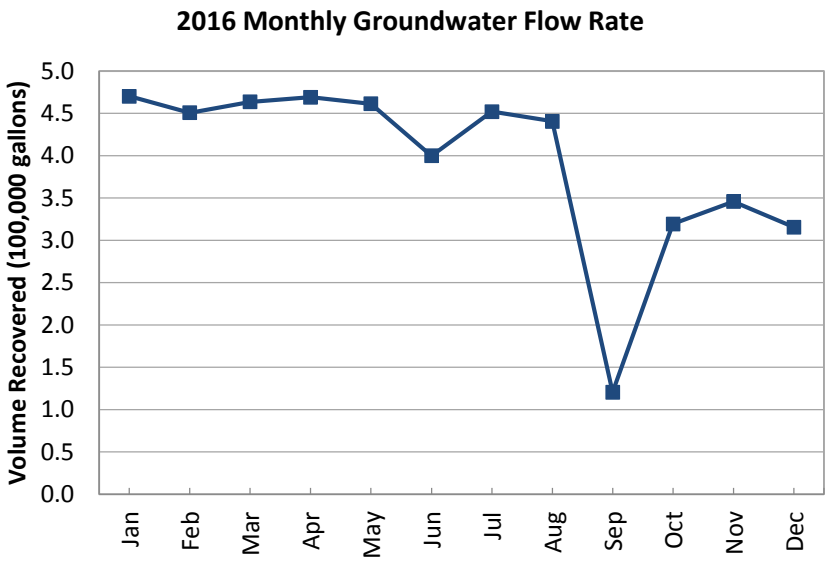
Month	Volume Recovered (gallons)
Jan	758,090
Feb	709,406
Mar	730,586
Apr	730,268
May	718,879
Jun	613,114
Jul	713,454
Aug	575,361
Sep	572,019
Oct	717,174
Nov	385,531
Dec	424,388
Total	**7,648,270**

PTX06-EW-65



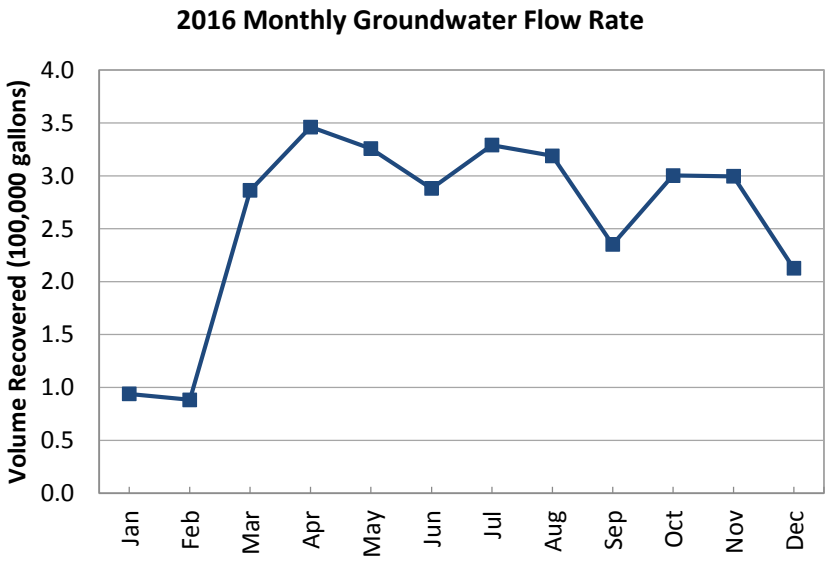
Month	Volume Recovered (gallons)
Jan	243,638
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	36,239
Aug	269,323
Sep	280,043
Oct	337,033
Nov	122,048
Dec	160,851
Total	**1,449,175**

PTX06-EW-66



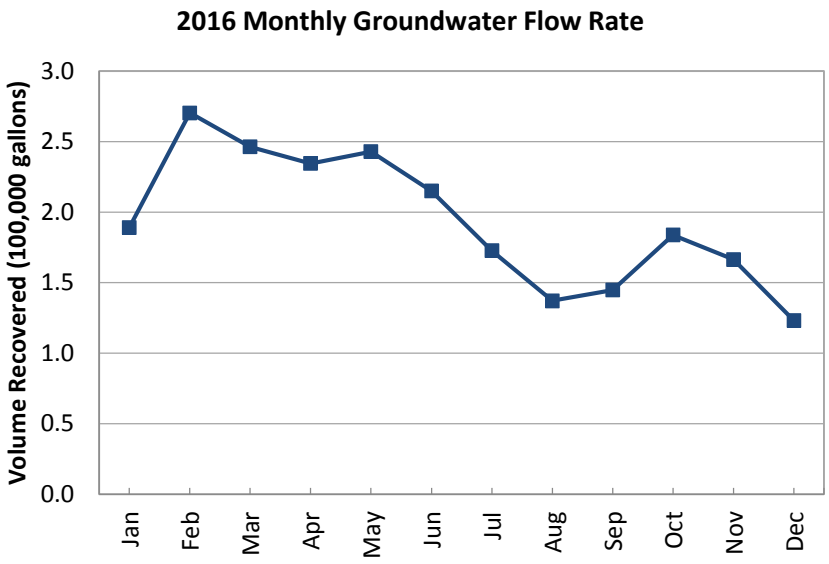
Month	Volume Recovered (gallons)
Jan	470,323
Feb	450,740
Mar	463,676
Apr	469,113
May	461,436
Jun	399,980
Jul	452,198
Aug	440,761
Sep	120,556
Oct	319,486
Nov	345,788
Dec	315,815
Total	**4,709,872**

PTX06-EW-67



Month	Volume Recovered (gallons)
Jan	93,950
Feb	88,323
Mar	286,423
Apr	346,232
May	325,772
Jun	288,246
Jul	329,160
Aug	318,934
Sep	235,188
Oct	300,485
Nov	299,789
Dec	212,662
Total	**3,125,164**

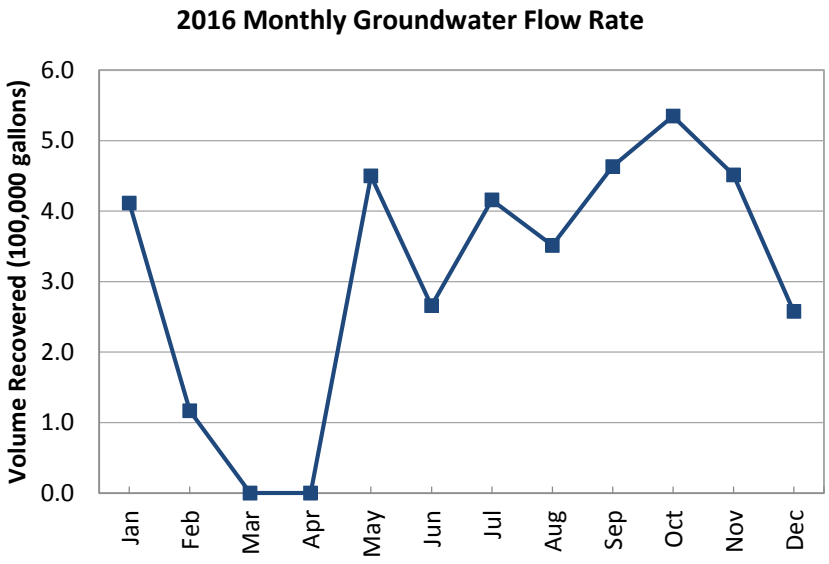
PTX06-EW-68



Month	Volume Recovered (gallons)
Jan	189,175
Feb	270,379
Mar	246,436
Apr	234,509
May	242,996
Jun	215,019
Jul	172,749
Aug	137,106
Sep	144,794
Oct	183,818
Nov	166,463
Dec	123,331
Total	**2,326,775**

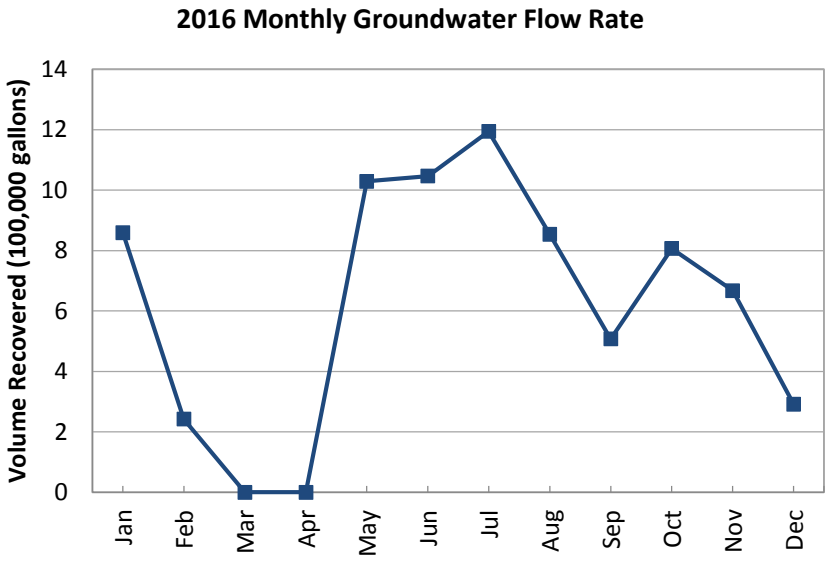
Playa 1 Pump and Treat System

PTX06-EW-69



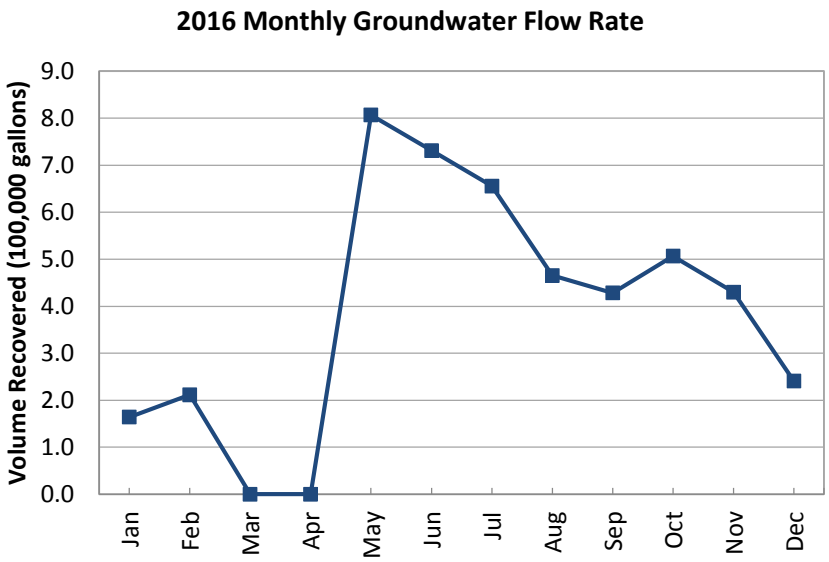
Month	Volume Recovered (gallons)
Jan	411,480
Feb	116,699
Mar	0
Apr	0
May	450,127
Jun	265,843
Jul	416,034
Aug	351,525
Sep	463,481
Oct	535,054
Nov	451,640
Dec	257,714
Total	**3,719,597**

PTX06-EW-70



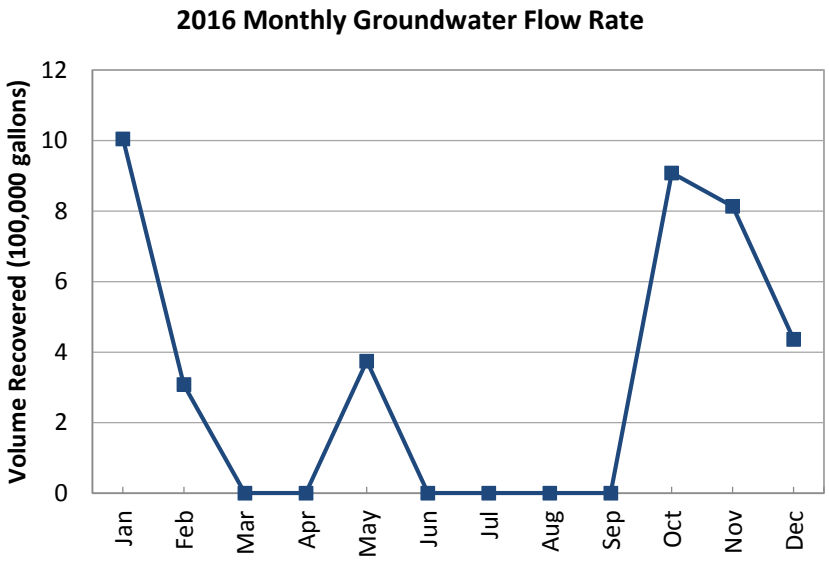
Month	Volume Recovered (gallons)
Jan	859,286
Feb	242,778
Mar	0
Apr	0
May	1,029,593
Jun	1,046,978
Jul	1,194,453
Aug	854,491
Sep	507,936
Oct	806,865
Nov	667,687
Dec	291,373
Total	**7,501,440**

PTX06-EW-71



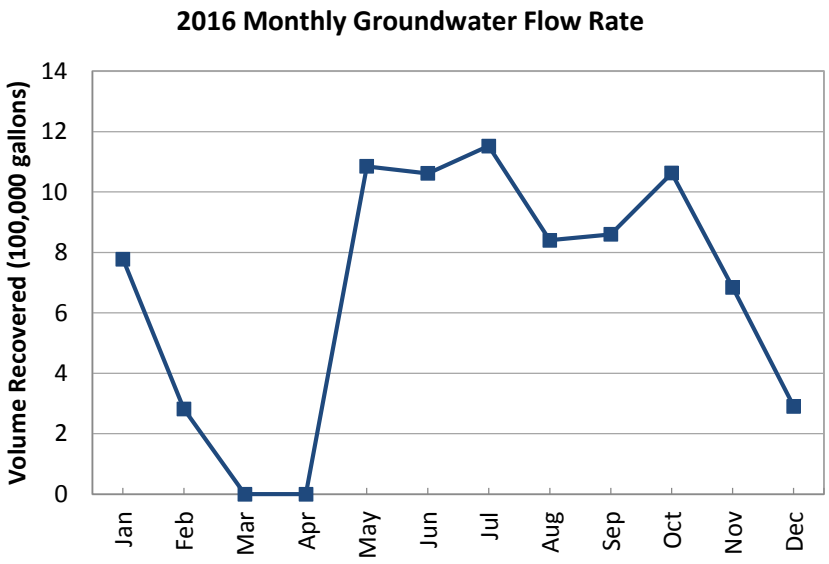
Month	Volume Recovered (gallons)
Jan	164,365
Feb	211,634
Mar	0
Apr	0
May	806,632
Jun	731,202
Jul	655,609
Aug	465,246
Sep	428,082
Oct	506,533
Nov	429,837
Dec	240,956
Total	**4,640,096**

PTX06-EW-72



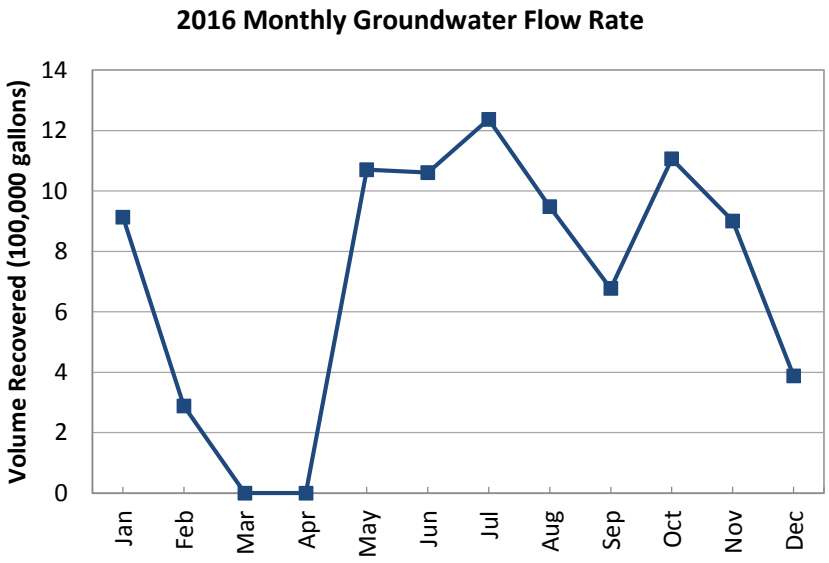
Month	Volume Recovered (gallons)
Jan	1,005,269
Feb	307,980
Mar	0
Apr	0
May	375,011
Jun	0
Jul	0
Aug	0
Sep	0
Oct	908,657
Nov	813,591
Dec	436,318
Total	**3,846,826**

PTX06-EW-73



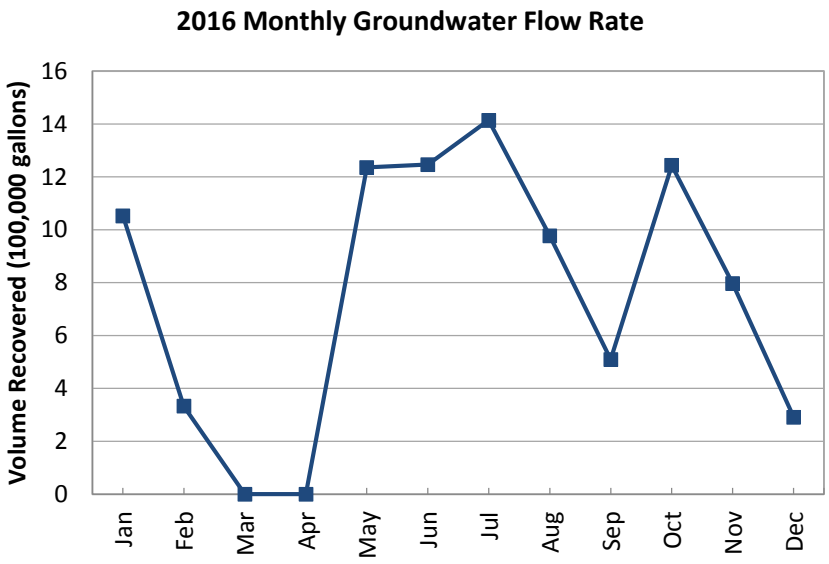
Month	Volume Recovered (gallons)
Jan	778,170
Feb	282,564
Mar	0
Apr	0
May	1,085,302
Jun	1,061,543
Jul	1,152,266
Aug	840,631
Sep	860,007
Oct	1,062,747
Nov	684,303
Dec	291,116
Total	**8,098,649**

PTX06-EW-74



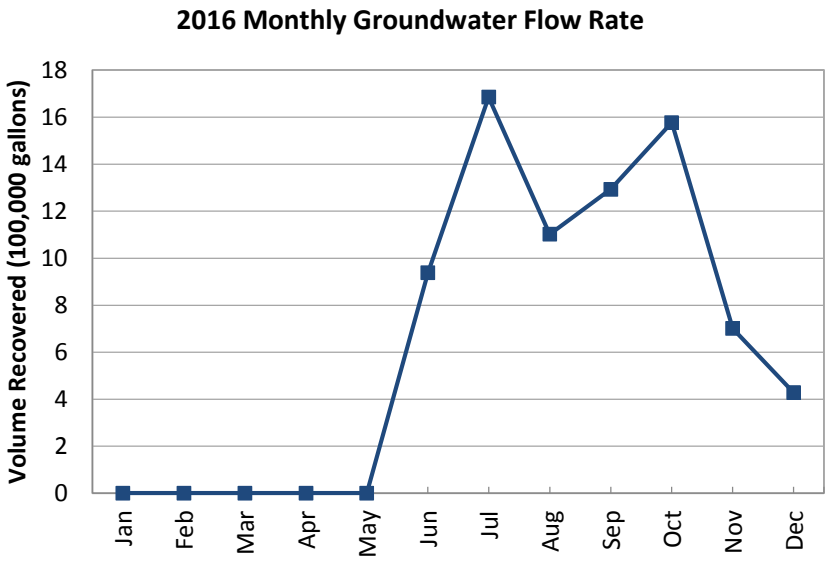
Month	Volume Recovered (gallons)
Jan	913,583
Feb	288,972
Mar	0
Apr	0
May	1,070,989
Jun	1,061,196
Jul	1,237,294
Aug	948,220
Sep	677,661
Oct	1,106,422
Nov	900,881
Dec	388,108
Total	**8,593,326**

PTX06-EW-75



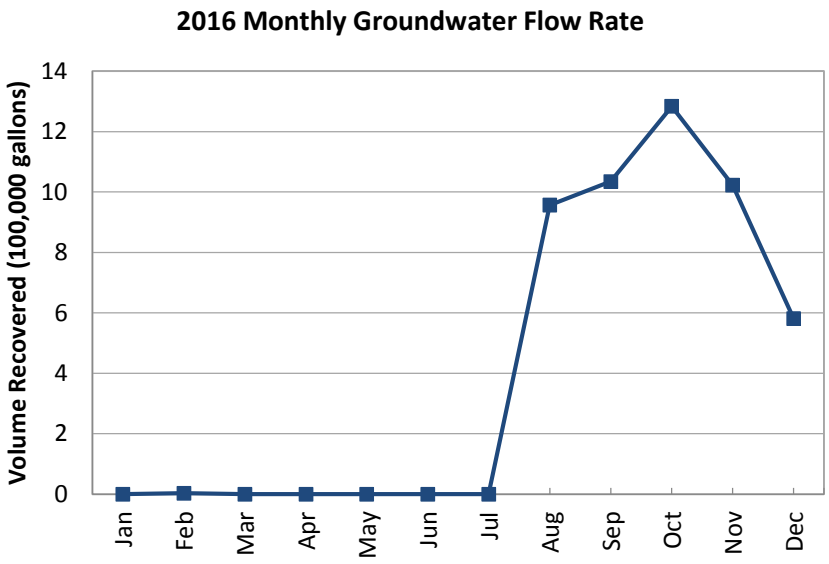
Month	Volume Recovered (gallons)
Jan	1,052,809
Feb	333,160
Mar	0
Apr	0
May	1,235,742
Jun	1,246,868
Jul	1,414,185
Aug	977,872
Sep	509,424
Oct	1,243,582
Nov	796,155
Dec	291,479
Total	**9,101,276**

PTX06-EW-78A



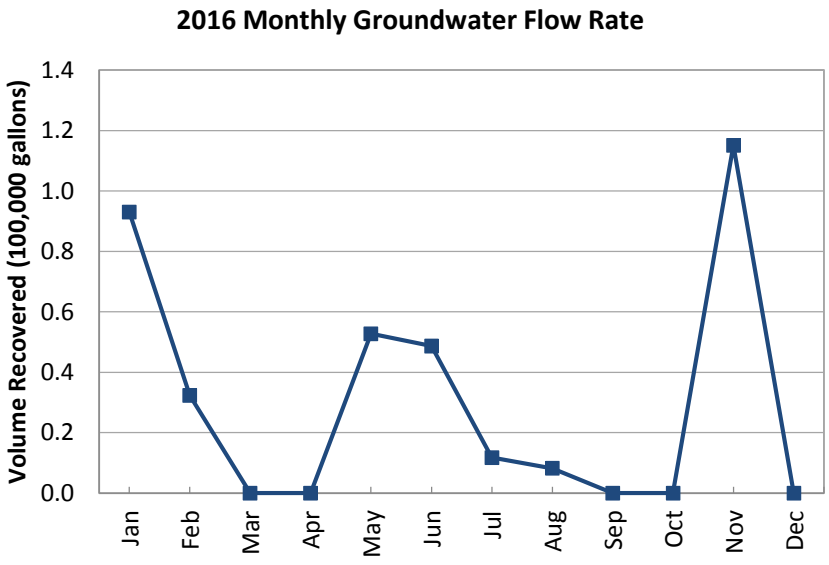
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	937,899
Jul	1,685,459
Aug	1,101,998
Sep	1,293,536
Oct	1,577,319
Nov	700,758
Dec	427,892
Total	**7,724,861**

PTX06-EW-79



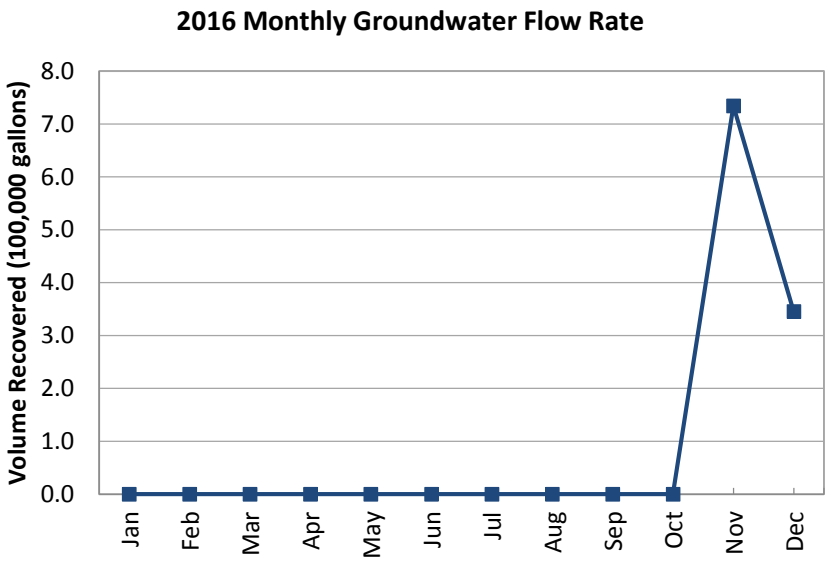
Month	Volume Recovered (gallons)
Jan	0
Feb	3,673
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	956,564
Sep	1,034,709
Oct	1,283,668
Nov	1,022,374
Dec	581,155
Total	**4,882,143**

PTX06-EW-80



Month	Volume Recovered (gallons)
Jan	93,033
Feb	32,325
Mar	0
Apr	0
May	52,774
Jun	48,708
Jul	11,818
Aug	8,228
Sep	0
Oct	0
Nov	115,156
Dec	0
Total	**362,042**

PTX06-EW-81



Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	734,276
Dec	345,303
Total	**1,079,579**

Appendix C
Well Information

Table C-1. Well Maintenance Table

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
PTX06-1176	1/7/2016	Bennett pump service	271.90	291	272	8.0	280.0	P			Pulled dedicated tubing bundle, Bennett pump with a 6' drop tube attached. Spliced 2' in length onto the existing drop tube to lower sample intake depth as identified in the Dec. 2015 well intake/silting eval. Reinstalled tubing bundle, Bennett pump and drop tube.
PTX06-1170	1/7/2016	Bennett pump service	270.10	288	270	8.0	278.0	P			Pulled dedicated tubing bundle, Bennett pump with a 6' drop tube attached. Spliced 2' in length onto the existing drop tube to lower sample intake depth as identified in the Dec. 2015 well intake/silting eval. Reinstalled tubing bundle, Bennett pump and drop tube.
PTX06-ISB082	1/12/2016	Bennett pump service	258.20	280	258	10.0	268.0	P			Installed dedicated tubing bundle, Bennett pump and drop tube in well.
PTX01-1011	1/13/2016	Bennett pump service	498.70	795	556		556.0	O			Installed new dedicated tubing bundle and Bennett pump in well. We did not test pump the well due to muddy ground conditions prevented pulling the maintenance trailer into the location.
PTX06-1061	1/14/2016	Bennett pump service	503.50	844				O	Ditch	5	Installed dedicated tubing bundle, Bennett pump and drop tube in well. Pumped 5 gallons of water from the well. Pumping good.
PTX06-1060	1/14/2016	Bennett pump service	359.00	511				O			Pulled dedicated tubing bundle and Bennett pump in prep for well redevelopment per WMR.
PTX06-1139	1/25/2016	Bennett pump service	440.20	553	438	22.0	460.0	O	Ditch	5	The water level in this well has dropped to near the bottom of the top screened section. Per instructions from Michelle Jarrett, lowered the sample intake depth to 460' which is in the 2nd screened section of the well. Attached Bennett pump to the tubing bundle and tested the pump by pumping DI water prior to installation. Good pump action. Purged water from the tubing bundle then installed the dedicated tubing bundle,

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											Bennett pump and drop tube in the well. Pumped 5 gallons of water from the well. Pumping good.
PTX06-1031	1/26/2016	Bennett pump service	282.50	292	281	5.7	286.7	P	16-28 P&T	3	This well was originally installed with undersized (8") protector casing and within the last two years the cement pad had cracked in half. Stoller removed the damaged concrete and old protector casing and poured a new cement pad and installed a standard (10 1/4") protector casing. The inner casing was raised by 9" to accommodate tubing bundle installation inside the protector casing. Installed dedicated tubing bundle, Bennett pump and 5.7' drop tube to replace the 5' drop tube previously installed on the Bennett pump. The new drop tube maintains the sample intake at the same depth near the bottom of the screened section. Pumped 3 gallons of water from the well. Pumping good.
PTX06-1060	1/27/2016	Re-development	359.00	511				O	16-28 P&T	350	Conducted tailgate safety briefing and daily rig/location checks. Rigged up Smeal and ran surge block to surge/brush top ~50' of screened section below top of water. Bailing red colored water which began cleaning up after bailing 100 gallons. Repeated surging/bailing then began bailing from bottom of the well. Getting red colored water and very light amounts of sand. Continued bailing bottom of well with no significant amounts of sand infiltration noted.
PTX06-1060	1/28/2016	Re-development	359.00	511				O	16-28 P&T	200	Conducted tailgate safety briefing and daily rig/location checks. Rigged up Smeal and ran surge block to surge/brush top ~ 50' of screened section below top of water. Bailing light brown colored water which cleaned up to cloudy in appearance. Will let well sit over the weekend to clear up then perform post redevelopment well video

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											to assess condition.
PTX06-1060	2/3/2016	Well video	359.00	511				O			Performed well video for post redevelopment and well inspection purposes. Ran camera # 2 to perform video but the downhole view lights stopped working after the camera got into the water column. Pulled out of well and ran camera # 1 which got a good video. This well has 4" stainless steel casing and screened section. The casing and screen are in good condition. The top of water is 22' above top of screen, however the sample intake will be set at 288' btoc which is 29' below top of water and 7' below top of screen. The water is turbid due to making a second trip into the water column after changing cameras, water clears up near bottom. The screen has light amounts of sand infiltration in it which becomes heavier toward bottom of the screened section. The sump is ~ 1/2 full of sand.
PTX06-1074	2/4/2016	Well video	426.40	625				O			Performed well video for post redevelopment and well inspection purposes. This well has 4" stainless steel casing and screened section. The casing is in fair to poor condition. Observed that the well redevelopment tools and sample pump drag one side of the casing during installation and removal as evidenced by the scarring on one side of the casing. This indicates possible deviation in the well bore. Observed a possible pit in the casing at 183.2' btoc with dampness on the casing in the area of the possible pit. Found evidence of a leaking casing joint at 325.5' btoc with extensive calcified buildup and moisture. The screened section is in good condition and clean at the intake area of 440' btoc, with sand infiltration toward

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											bottom of the screen. The sump appears to be full of sand. The water is very turbid with extreme turbidity near bottom.
PTX06-1060	2/8/2016	Bennett pump service	359.00	511	357	15.0	372.0	O	Ditch	3	Installed new dedicated tubing bundle, Bennett pump and drop tube in well. Pumped 3 gallons of water from the well. Pumping good.
PTX06-1015	2/10/2016	Bennett pump service	284.70	289	276	12.0	288.0	P	16-28 P&T	2	Samplings techs were unable to get pump to operate during sampling activities. Drove to well and hooked up to tubing bundle. Unable to get any pump action. Pulled dedicated tubing bundle, Bennett pump and drop tube out of well. Pumped DI water through the pump, pump operates good. Installed tubing bundle, pump and drop tube in well. Still unable to get pump to operate while in well. Pulled dedicated tubing bundle out of well and measured tubing bundle to confirm length of the tubing and drop tube. All lengths and intake setting of 288' btoc confirmed to be correct. The intake is set at top of sump. Changed out pump # 1808-146 and attached pump # 1806-482 to tubing bundle. Installed tubing bundle, Bennett pump and drop tube in well. Pumped 2 gallons of water from the well. Pumping good.
PTX06-1074	2/11/2016	Bennett pump service	426.40	625				O	Ditch	3	Well was released for sampling for the CR(VI) study by Michelle Jarrett. Tested Bennett pump with DI water prior to installation. Pump has strong flow. Installed dedicated tubing bundle and Bennett pump in well. Pumped 3 gallons of water from the well. Pumping good.
PTX07-1P02	2/12/2016	Bennett pump service and Re-development	243.80	257				P	16-28 P&T	75	Pulled dedicated tubing bundle and Bennett pump with 24' drop tube attached. Conducted tailgate safety briefing and daily rig/location checks. Rigged up Smeal on well. Ran 3 1/2" X 15' bailer to bottom of well. Bailing dark grey water. Ran surge block in well and

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											surged screened section below top of water. Well has 13.2' of water. Bailing black water that quickly cleaned up to grey color. Repeated surging screened section and bailing. Water is still grey in color.
PTX06-1001A	2/15/2016	Well video	261.00	267				P			Performed well video for well inspection purposes. The well does not have a bundle. This well has 4" Stainless steel casing and screened section. The casing is in fair condition. (The camera extender arms loosened, causing the camera to catch on a couple of joints.) The screened section has what appears to be calcium build-up and bacterial growth both above and below water level. The sump is clear.
PTX06-1115	2/15/2016	Well video	268.00	236				P			Performed well video for well inspection purposes. The well does not have a bundle. This well has 4" PVC casing and screened section. The casing is in fair condition. The screened section has light sand infiltration and bacterial growth. The sump appears to be full of sand.
PTX06-1077A	2/15/2016	Bennett pump service	270.20	278				P			Pulled dedicated tubing bundle, Bennett pump and drop tube in prep for well redevelopment per WMR.
PTX06-1113	2/15/2016	Well video	247.00	278				P			Performed well video for well inspection purposes. The well does not have a bundle. This well has 4" PVC casing and screened section. The casing is in fair condition. The screened section is in good condition wtih light particulates. The sump appears to be full of sand.
PTX06-1112	2/15/2016	Well video	245.00	275				P			Performed well video for well inspection purposes. The well does not have a bundle. This well has 4" PVC casing and screened section. The casing is in fair condition. The screened section has light bacterial growth toward top of

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											sump. The sump appears to be full of sand.
PTX06-1117	2/15/2016	Well video	264.00	238				P			Performed well video for well inspection purposes. The well does not have a bundle. This well has 6" PVC casing and A stainless steel screened section. The casing is in fair condition with heavy areas of iron bacteria. The water is very cloudy and the screened section below water level, has very heavy sand infiltration and bacterial growth. The sump appears to be full of sand.
PTX07-1P02	2/15/2016	Re-development	243.80	257				P	16-28 P&T	75	Conducted tailgate safety briefing and daily rig/location checks. Rigged up Smeal and ran 3" X 15' stainless steel bailer. Water is clear to light grey in color. Ran surge block, surged/brushed screened section. Bailing dark grey water that cleaned up to light grey in color. Will let well settle out then obtain post redevelopment well video.
PTX06-1116	2/15/2016	Well video	264.00	239				P			Performed well video for well inspection purposes. This well does not have a bundle. This well has 4" PVC casing and screened section. The casing is in fair condition. The screened section has light to heavy sand infiltration and bacterial growth that completely covers the screen in several areas. The sump appears to be full of sand.
PTX06-1050	2/15/2016	Bennett pump service	261.00	289				P			Pulled dedicated tubing bundle, Bennett pump and drop tube in prep for well redevelopment per WMR.
PTX06-1077A	2/16/2016	Re-development	270.20	278				P	16-28 P&T	7	Conducted tailgate safety briefing and daily rig/location checks. Rigged up Smeal and ran surge block in well. This well has 7.8' of water in it.The surge block stopped at ~ top of water level. Ran 3" X 15' stainless steel bailer to bottom. The first bailer run had heavy brown sandy mud and brown colored water. Bailed ~ 5 gallons and well dried up to 277.1' btoc which is top of sump. Shut down to allow recharge. In 30

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											minutes the recharge was 1.2' to 275.9'. The 1 hour recharge was 2.6' to 274.5'. Bailed well dry again and moved off location. Total water volume bailed was 7 gallons. We will discuss the findings at this well with Michelle Jarrett.
PTX06-1050	2/17/2016	Re-development	261.00	289				P	16-28 P&T	100	Conducted tailgate safety briefing and daily rig/location checks This well has 4" pvc casing and screened section. Rigged up Smeal and ran surge block in well,surged/brushed screened section. Ran 3" X 15' stainless steel bailer. The bailer stops in the casing 21' off bottom. Ran 3" X 10' bailer in well, bailer stops at same spot. Ran 3" X 5' bailer in well to bottom. The casing has a crooked spot in the casing 21' off bottom. There is also a crooked spot within the top 15' of casing. The first 2 bailers had heavy clumps of what appeared to be grout in them and the water was tan in color. The clumps then thinned up into tan soupy water which thinned up as we bailed. The water remained tan in color with formation sand suspended in it. We cleaned out ~ 1' of sand from bottom of the well. The water has a slick feel similar to thin grout.
PTX06-1079	2/17/2016	Well video	0.00	278				P			Performed well video for well inspection purposes. The well does not have a bundle. This well has 4" PVC casing and screened section. The casing and screen are in good condition. The well is dry. The sump has rocks in the bottom.
PTX08-1010	2/17/2016	Well video	217.40	242				P			Performed well video for well inspection purposes. The well does not have a bundle. This well has 4" stainless steel casing and screened section. The casing is in fair condition. The screened section is in good condition wtih light particulates and sand infiltration. The

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											sump has a cresent wrench, a plastic piece and a cable tie in it, but is clear of sand.
PTX07-1P02	2/17/2016	Well video	243.70	257				P			Performed well video for WMR-post development. Well does not have a bundle. This well has 4" Stainless steel casing and screened section. The casing is in fair condition. The screened section heavy bacterial growth both above and below water level. The water is slightly turbid. It appears the brushing during the development has not cleared any bactieria growth. The sump is fairly clean with light sand.
PTX06-1050	2/18/2016	Re-development	261.00	290				P	16-28 P&T	90	Conducted tailgate safety briefing and daily rig/location checks. Ran tagline, tagged bottom at 290' btoc. Ran 3" X 5' stainless steel bailer. Bailing brown colored water with light to moderate amounts of sand. Bailed ~ 30 gallons then ran surge block, surged/brushed screened section. Bailing brown colored water. The first 3 bailers after surging had heavier amounts of sand in them.
PTX06-1077A	2/24/2016	Re-development	270.00	278				P	16-28 P&T	3	Conducted tailgate safety briefing and daily rig/location checks. Rigged up Smeal and ran brushing tool and brushed screened section below top of water. Bailing brown colored water. Bailed 2 gallons, top of water was at 276.4'. Bailed 1 more gallon, well dried up. A large amount of sand settled out of the water that was bailed, indicating the screen is open, allowing sand to come in. The well recovers the static water level but is an extremely low volume yield well.
PTX06-ISB069A	2/25/2016	install bio-trap samplers						P			Today's activities at this well are to install Bio Trap samplers provided by Microbial Insights in this well per instructions contained in SRS 2016-4992-007. Installed Bio Trap sampler in the well at 1159 hrs. The sampler is set at 274' btoc as specified in the SRS. The

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											sampler is installed in the well suspended from braided nylon cord. The sampler is attached to the cord using nylon zip ties. A stainless steel weight is attached to the nylon cord just below the sampler. The cord is secured to the top of casing by attaching it to a plastic casing plug. A second attachment point is utilized by tying the end of the nylon cord to the locking cap on the well protector casing. The Bio Trap sampler will be left in the well a minimum of 30 days before removal from the well.
PTX06-1169	2/25/2016	install bio-trap samplers						P			Today's activities at this well are to install Bio Trap samplers provided by Microbial Insights in this well per instructions contained in SRS 2016-4992-007. Pulled dedicated tubing bundle, Bennett pump and drop tube out of the well. Attached the Bio Trap sampler to the drop tube just above the sample intake filter using plastic zip ties. Reinstalled tubing bundle, Bennett pump and drop tube with sampler attached at 1058 hrs. The Bio Trap sampler is set at 273' btoc, which is the dedicated sample intake setting. The Bio Trap sampler will be left in the well a minimum of 30 days before being removed from the well.
PTX06-ISB075	2/25/2016	install bio-trap samplers						P			Today's activities at this well are to install Bio Trap samplers provided by Microbial Insights in this well per instructions contained in SRS 2016-4992-007. Pulled dedicated tubing bundle, Bennett pump and drop tube out of the well. Attached the Bio Trap sampler to the drop tube just above the sample intake filter using plastic zip ties. Reinstalled tubing bundle, Bennett pump and drop tube with sampler attached at 1033 hrs. The Bio Trap sampler is set at

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											275' btoc, which is the dedicated sample intake setting. The Bio Trap sampler will be left in the well a minimum of 30 days before being removed from the well.
PTX06-ISB073	2/25/2016	install bio-trap samplers						P			Today's activities at this well are to install Bio Trap samplers provided by Microbial Insights in this well per instructions contained in SRS 2016-4992-007. Installed Bio Trap sampler in the well at 1143 hrs. The sampler is set at 280' btoc as specified in the SRS. The sampler is installed in the well suspended from braided nylon cord. The sampler is attached to the cord using nylon zip ties. A stainless steel weight is attached to the nylon cord just below the sampler. The cord is secured to the top of casing by attaching it to a plastic casing plug. A second attachment point is utilized by tying the end of the nylon cord to the locking cap on the well protector casing. The Bio Trap sampler will be left in the well a minimum of 30 days before removal from the well.
PTX06-ISB071	2/25/2016	install bio-trap samplers						P			Today's activities at this well are to install Bio Trap samplers provided by Microbial Insights in this well per instructions contained in SRS 2016-4992-007. Attempted to install Bio Trap sampler at 278' btoc as specified in the SRS. The sampler is suspended from braided nylon cord. The sampler is attached to the cord using nylon zip ties. A stainless steel weight is attached to the nylon cord just below the sampler. The sampler and weight are stopping at ~ 265' btoc and we are unable to get them any further in the well. It appears that the sampler and weight are getting stuck in thick amendment sludge at top of water. Left sampler in the well awaiting directions from Michelle Jarrett and Clifton Britten.
PTX06-1170	2/25/2016	install bio-trap						P			Today's activities at this well are to install

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
		samplers									Bio Trap samplers provided by Microbial Insights in this well per instructions contained in SRS 2016-4992-007. Pulled dedicated tubing bundle, Bennett pump and drop tube out of the well. Attached the Bio Trap sampler to the drop tube just above the sample intake filter using plastic zip ties. Reinstalled tubing bundle, Bennett pump and drop tube with sampler attached at 1004 hrs. The Bio Trap sampler is set at 278' btoc, which is the dedicated sample intake setting. The Bio Trap sampler will be left in the well a minimum of 30 days before being removed from the well.
PTX06-ISB077	2/25/2016	install bio-trap samplers						P			Today's activities at this well are to install Bio Trap samplers provided by Microbial Insights in this well per instructions contained in SRS 2016-4992-007. Installed Bio Trap sampler in the well at 1114 hrs. The sampler is set at 266' btoc as specified in the SRS. The sampler is installed in the well suspended from braided nylon cord. The sampler is attached to the cord using nylon zip ties. A stainless steel weight is attached to the nylon cord just below the sampler. The cord is secured to the top of casing by attaching it to a plastic casing plug. A second attachment point is utilized by tying the end of the nylon cord to the locking cap on the well protector casing. The Bio Trap sampler will be left in the well a minimum of 30 days before removal from the well.
PTX06-1050	2/29/2016	Well video	260.50	290				P			Performed post redevelopment video of the casing and screen. This well has 4" pvc casing and screened section. The casing is in good condition. The screen has a inward bulging area at the top of the screen area in the top joint of

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											screened section. This is the area that was preventing our 15' bailer from going to bottom of the well during redevelopment. Extra focus and video were taken of this area on the video. The water is extremely cloudy. The screened section is clean to the bottom joint of screen which has what appears to be grout and sand infiltration. We observed some material that appeared to be grout coming out of the bailer during redevelopment. The sump appears full.
PTX06-ISB071	2/29/2016	Set bio-trap sampler at this well						P			During initial installation of the Bio Trap samplers on 2/25/2016, we were unable to get the sampler past ~ 265' btoc due to amendment sludge near top of water. Left the sampler in the well until today in an attempt for the sampler and stainless steel weight suspended below it to settle through the sludge. Returned to the well today and the sampler had gone through the sludge. Lowered the sampler to the requested depth of 278' btoc @ 0910 hrs.
PTX06-1143	3/2/2016	Bennett pump service			512		512.0	O			Raised dedicated tubing bundle out of well head. Cut off 2' of tubing to raise sample intake per intake/silting eval published by Michelle Jarrett in December 2015. Reset top water and air fittings on tubing and replaced tubing bundle in well head.
PTX06-1073A	3/2/2016	Bennett pump service		279	273	4.5	277.5	P			Ran Solinst to obtain water level. Well is dry. Pulled dedicated tubing bundle, Bennett pump and drop tube. Cut 6" in length off drop tube to raise sample intake depth per well intake/silting eval published by Michelle Jarrett in December 2015. Reinstalled tubing bundle, pump and drop tube in well.
PTX06-1077A	3/2/2016	Bennett pump service	269.90	278	266	10.5	276.5	P	16-28 P&T	1	Added 1.5' in length to drop tube to lower sample intake depth. Installed dedicated tubing bundle, Brennett pump and drop tube. Pumped 1 gallon of water from the well. Pumping good.

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
PTX06-1082	3/3/2016	Bennett pump service	175.60	183	165	16.0	181.0	P	16-28 P&T	2	Research of 5 year wells revealed that the sample intake in this well was above top of water. Drove to location and attempted to pump - getting no water from the well. Pulled dedicated tubing bundle, Bennett pump and drop tube out of well. Added 6' in length to the drop tube and reinstalled tubing bundle, Bennett pump and drop tube in well. Pumped 2 gallons of water from the well. Pumping good.
PTX06-1014	3/3/2016	Bennett pump service	277.70	287	268	15.0	283.0	P			Pulled dedicated tubing bundle, Bennett pump and drop tube out of well. Cut off 1' in length from the drop tube per Intake/Silting eval published by Michelle Jarrett in December, 2017. reinstalled tubing bundle, Bennett pump and drop tube.
PTX07-1P02	3/7/2016	Re-development	245.00	257				P	16-28 P&T	160	Conducted tailgate safety briefing and daily rig/location checks. Rigged up Smeal and ran brushing tool to brush well screened section. Ran 3" X 15' stainless steel bailer and began bailing cloudy grey colored water. Water cleaned up then ran brushing tool in well again to brush screened section. Bailing same cloudy grey water that cleaned up quickly.
PTX06-1003	3/9/2016	Well video		267				P			Well video for inspection. Casing and screen are stainless steel. Screen starts at 246'. There is heavy build up of iron bacteria and what appears to be calcium deposits above water level. There is a piece of pipe in the sump and the water is very dirty and murky making it difficult to see, so camera not taken any further down to avoid possible damage.
PTX06-1078	3/9/2016	Well video		265				P			Well video for inspection. Casing and screen are PVC. Screen starts at 248'. Well has about 1" of water in sump and is considered "dry". Sump is clean with

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											small amount of PVC shavings.
PTX07-1P03	3/9/2016	Well video	256.00	263				P			Pulled large bundle, pump and transducer. (they were dry) Performed well video for inspection. The casing and screen are stainless steel. There are no issues with the joints. The screen starts at 238'. There are heavy iron bacteria patches and heavy calcium build-up both above and below water level. Water is at 254'. The sump is clean. Re-installed bundle, pump and transducer and tested. No water was pumped to the surface, it appears the drop tube is not in water.
PTX06-1007	3/9/2016	Bennett pump service and Re-development	270.00	293				P	16-28 P&T	60	Pulled dedicated tubing bundle, Bennett pump and drop tube out of well. The tubing bundle is an old large bundle. Most of the zip ties are off and the bundle is taped top to bottom. Conducted tailgate safety briefing and daily rig/location checks. This well has 4" stainless steel casing and screened section. Rigged up Smeal and ran brushing tool to brush screened section. Bailing red colored water with light to moderate amounts of sand.
PTX06-1180	3/9/2016	Bennett pump service	275.40	290	275	6.0	281.0	P	16-28 P&T	3	Installed new dedicated tubing bundle, Bennett pump and drop tube in well. Pumped 3 gallons of water. Pumping good.
PTX06-1007	3/11/2016	Re-development	270.00	293				P	16-28 P&T	120	Conducted tailgate safety briefing and daily rig/location checks. Rigged up Smeal and ran brushing tool, brushed screened section. Ran 3" X 15' stainless steel bailer and began bailing. Water was red in color with light amounts of sand to start. Cleaned up to cloudy light red.
PTX07-1P02	3/11/2016	Well video	243.50	257				P			Post development video . Screen has large amounts of debris still, appears to be iron bacteria and calcium deposits with fine grain sands. Sump is clean and clear.

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
PTX06-1007	3/22/2016	Well video	270.00	296				P			Post development video. 4" Casing and screen are stainless steel. Joints are in good condition. There are patches of iron bacteria above and below the water level. The screen has heavier sand filtration toward the bottom of the screen. Water is turbid toward sump and is causing difficulty seeing the bottom. It appears the sump is clear.
PTX01-1006	3/22/2016	Well video	0.00	295				P			Well maintenance video for inspection. Well has stainless steel 4" casing and a PVC screen. There are no issues with the joints. The well is dry.
PTX06-1169	3/28/2016	Bennett pump service and removal of bio-trap sampler						P			This logbook entry is to provide documentation of Bio Trap sampler removals from 7 wells located in the Zone 11 ISB field. 3 samplers are attached to drop tubes on dedicated tubing bundles. They are PTX06-1169 sample # 20160328ZSB069@ 0942, PTX06-1170 sample # 20160328ZSB067 @ 0855, PTX06-ISB075 sample # 20160328ZSB068 @ 0919. 4 samplers are installed in wells without dedicated tubing bundles and are installed on nylon rope. They are PTX06-ISB069A sample # 20160328ZSB064 @ 0820, PTX06-ISB071 sample # 20160328ZSB065 @ 0831, PTX06-ISB073 sample # 20160328ZSB066 @ 0839, PTX06-ISB077 sample # 20160328ZSB070 @ 0952. The samplers from PTX06-ISB071 and PTX06-ISB077 were coated with thick amendment when removed from the wells. All samples were packaged and shipped to MI per sample instructions.
PTX06-1007	3/29/2016	Re-development	270.00	293				P	16-28 P&T	150	Conducted tailgate safety briefing and daily rig/location checks. Rigged up Smeal and ran surge block to

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											surge/brush well screened section. Bailing light red colored water which cleaned up quickly.
PTX06-1050	3/30/2016	Bennett pump service	260.50	290	261	10.0	271.0	P	16-28 P&T	3	Installed new 1/4" dedicated tubing bundle, Bennett pump and drop tube. Pumped 3 gallons of water from the well, pumping good.
PTX01-1007	3/30/2016	Well video		263				P			Well video for well maintenance/ inspection and to test camera 2 that had been sent in for repair. PVC casing and (black) pvc screen. Joints are in good condition. Screen is clear of debris. Sump is clear,except for rocks and a white plug. Well is dry. Camera flickered and went from light to dark through out video and lost signal once and went to the blue screen for a moment, this caused 2 videos to be recorded. Downloaded video to K drive. 3/30/16 - Revideoed with Cam 1 for comparison of the videos. Downloaded video to K drive.
PTX07-1P02	3/30/2016	Bennett pump service	243.00	257	225	24.0	249.0	P	16-28 P&T	3	Installed dedicated tubing bundle, Bennett pump and drop tube in well. Pumped 3 gallons of water from the well. Pumping good.
PTX06-1131	3/30/2016	Pre-sample purge	280.40					P	16-28 P&T	20	Pumped 20 gallons of water for pre sample purge per purge instructions from M. Jarrett. The pump action was strong and pumping good.
PTX06-1007	3/30/2016	Bennett pump service	269.80	293	264	12.0	276.0	P	16-28 P&T	3	Installed dedicated tubing bundle, Bennett pump and drop tube in well. The drop tube is new 12' drop tube as the old 7' drop tube only had the sample intake 1' below top of water. Pumped 3 gallons of water from the well. Pumping good.
PTX06-1037	3/31/2016	Bennett pump service	279.80	285	279	2.5	281.5	P			Pulled old 1/2" tubing bundle and installed new 1/4" dedicated tubing bundle. The sample intake is set 6" above top of sump. Unable to get pump to move water. Will return and troubleshoot the problem at a later time.

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
PTX06-1037	4/4/2016	Bennett pump service	279.80	285	279	2.5	281.5	P	16-28 P&T	8	Techs were unable to get the pump to move water after the new dedicated tubing bundle was installed on 3/31/16. Pulled tubing bundle, Bennett pump and drop tube out of well. Removed Bennett pump # 1807-204 and attached Bennett pump # 1808-387. Attached drop tube to the pump and pumped 5 gallons of DI water through the tubing bundle prior to reinstallation. Pump action is strong. Installed tubing bundle, pump and drop tube in the well and pumped 3 gallons of water from the well. Pumping good.
PTX06-1006	4/5/2016	Bennett pump service and Re-development	69.40	296				P	16-28 P&T	115	Pulled dedicated tubing bundle, Bennett pump and drop tube in prep for well redevelopment. Obtained top of water and total depth measurements. Conducted tailgate safety briefing and daily rig/location checks. Rigged up Smeal and ran 3" X 15' stainless steel bailer. Bailing dark red colored water with heavy red sand suspended in the water. The water began cleaning up slightly during bailing.
PTX06-1006	4/6/2016	Re-development	269.40	296				P	16-28 P&T	250	Conducted tailgate safety briefing and daily rig/location checks. Rigged up Smeal and ran surge block in well to surge/brush screened section. Bailing red colored water with moderate of sand. Water clears up slightly but still getting sand. Repeat surging and bailing 2 times with same results.
PTX07-1O03	4/7/2016	Bennett pump service	253.90	261				P			Pulled dedicated tubing bundle, Bennett pump and drop tube out of well in prep for well redevelopment per WMR. The large (1/2") tubing bundle in fair condition, Bennett pump and drop tube in good condition.
PTX06-1146	4/7/2016	Bennett pump service	275.00	294				P			Pulled dedicated tubing bundle, Bennett pump and drop tube out of well in prep

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											for well redevelopment per WMP. Tubing, pump and drop tube are in good condition.
PTX06-1146	4/8/2016	Re-development	275.00	294				P	16-28 P&T	130	Tailgate safety briefing was conducted at beginning of work today. Conducted rig/location checks and rigged up Smeal. Ran surge block to surge/brush well screened section. Ran 3" X 15' stainless steel bailer. Bailing red colored water with heavy sand. Water cleaned up quickly. Repeated surging/brushing screened section then resumed bailing water. The water was not as red as before and cleaned up quickly.
PTX07-1O03	4/8/2016	Re-development	253.90	261				P	16-28 P&T	7	Conducted tailgate safety briefing and daily rig/location checks. Rigged up Smeal and ran surge block to surge/brush screened section. Ran 3" X 5' stainless steel bailer. Bailed ~ 4 gallons of red sandy water. Well bailed dry. Shut down 30 minutes to check recharge. Resumed bailing, bailed ~ 3 gallons of water to dry well up again. Shut down to allow well to fully recharge over the weekend.
PTX07-1O03	4/11/2016	Re-development	253.90	261				P	16-28 P&T	3	Conducted tailgate safety briefing and daily rig/location checks. Rigged up Smeal and ran surge block to surge/brush screened section. Bailed ~ 3 gallons of red colored water with light amount of sand. Well dried up.
PTX06-1006	4/12/2016	Well video and Bennett pump service	269.90	296		15.0		P	16-28 P&T	1	Post development video (Cam 1) and tubing bundle, pump and (15') drop tube re-install. Casing is stainless steel, no issue with joints. Screen is stainless steel. From top of screen to approximately 285' is fairly clean with patches of iron bacteria. Below 285', screen has heavy particulates and iron bacteria. The sump has some sand and some type of tool in it. Note: Cam 1 - downhole lights went off as we started the camera down, we stopped, raised the camera up and

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											pulled it out of the casing. The light came back on and we proceded with the video with no other issues.
PTX07-1O03	4/13/2016	Well video and Bennett pump service	253.90	261				P	16-28 P&T	2	Conducted well video for well inspection and post well redevelopment purposes. This well has 7' of water in it. Screened section has moderate amounts of iron bacteria in it. Installed dedicated tubing bundle, Bennett pump and drop tube in well and pumped 2 gallons of water. Pump action is strong.
PTX07-1O01	4/14/2016	Pre-sample purge						P			This well is on the 2016 pre sample purge list. Per Michelle Jarrett, no purge is necessary due to insufficient water.
PTX06-1146	4/14/2016	Re-development	275.00	294				P	16-28 P&T	120	Conducted tailgate safety briefing and daily rig/location checks. Rigged up Smeal and ran surge block to surge/brush screened section. Ran 3" X 15' stainless steel bailer. Bailing light brown colored water with light amounts of sand. The water and sand cleaned up quickly.
PTX06-1146	4/26/2016	Well video	275.00	294				P			Performed well video for post redevelopment and well inspection purposes. This well has 4" pvc casing and 4" stainless steel screen. The casing and screen are in good condition with light amounts of sand infiltration noted in the screened section. Also, the screened section has some rust colored staining in it. The sump is open and clean. Note: The depth measurements noted on the video are actually ~ 2' deeper than actual depth ie top of water shows 277.4' on the video, but is actually 275'. Will research how to calibrate the depth measurements on the video system.
PTX06-1013	4/27/2016	Bennett pump service	249.00	262				P			Pulled dedicated tubing bundle, Bennett pump and drop tube out of well in prep for well redevelopment.

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PTX06-1146	4/27/2016	Bennett pump service	275.00	294				P	16-28 P&T	3	Installed dedicated tubing bundle, Bennett pump and drop tube in well. Pumped 3 gallons of water out of the well. Pumping good.
PTX06-1013	4/28/2016	Re-development	249.00	262				P	16-28 P&T	120	Redevelopment activities at this well are being performed per WMP. Conducted tailgate safety briefing and daily rig/location checks. Rigged up Smeal and ran surge block. Surged/brushed screened section. Ran 3" X 15' stainless steel bailer. Bailing slightly cloudy but clean water. Repeat surging/brushing screened section and resumed bailing. Water is still clean. Bailed 120 gallons. Will let well settle out over the weekend then perform a post R/D and well inspection video.
PTX06-ISB075	5/4/2016	Bennett pump service						P			Per request from Michelle Jarrett and Matt Monroe, pulled dedicated tubing bundle, Bennett pump and 6' drop tube out of well to support subcontractor pump installation for water extraction. Tubing bundle, Bennett pump and drop tube stored at Killgore.
PTX01-1012	5/5/2016	Bennett pump service and Re-development	512.30	899				O	16-28 P&T	200	Pulled dedicated tubing bundle, Bennett pump and drop tube in prep for well redevelopment. Conducted tailgate safety briefing and daily rig/location checks. Rigged up Smeal and ran surge block to surge/brush top ~ 50' of screened section below top of water. Bailing reddish brown colored water with some sand suspended in it. After water began cleaning up, repeated surging/brushing then bailing.
PTX06-1013	5/6/2016	Well video	249.00	262				P			Conducted well video for post redevelopment and well inspection purposes. This well has 4" stainless steel casing and screened section. The casing is in good condition. The screen above top of water is in good condition. The screen below top of water is in poor condition with moderate to heavy iron bacteria and some screen deterioration

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											noted. The sump is clean with a foreign object noted on bottom. More redevelopment will be done on this well. This well is a good candidate for chemical well redevelopment.
PTX01-1012	5/9/2016	Re-development	512.30	899				O	16-28 P&T	220	Conducted tailgate safety briefing and daily rig/location checks. Rigged up Smeal and ran surge block in well. Surged/brushed top ~ 50' of screened section below top of water. Bailing light reddish brown colored water. The water began clearing up after ~ 100 gallons bailed and was clean at end of day.
PTX01-1012	5/10/2016	Re-development	512.30	899				O	16-28 P&T	200	Conducted tailgate safety briefing and daily rig/location checks. Rigged up Smeal. Began bailing from the bottom of the well. Bailing out moderate amounts of sand and reddish colored water. Cleaned out ~ 1' of sand off bottom of the well. Bailing top of water to clean it up. Water is cleaned up. NOTE: The 3 1/2" bailer will not go past ~ 40' btoc. The 3" bailer occasionally hits at the same spot.
PTX06-1008	5/11/2016	Pre-sample purge	270.70					P	16-28 P&T	11	Performed pre sample purge of 11 gallons per instructions and purge volume calculations supplied by Michelle Jarrett. Pumped ~ 9 gallons of water then stopped pumping. Checked drawdown at 273.8' which is a 3.1' decrease in the top of water level. The sample intake depth is 273'. The water level recovered in 8 minutes and the purge was completed. The water was clear throughout the purge. Contacted Michelle Jarrett and per her instructions, we will return to this location and lower the sample intake 3' prior to sampling.
PTX06-1007	5/11/2016	Pre-sample purge	270.00					P	16-28 P&T	40	Performed pre sample purge of 40 gallons per instructions and purge volume calculations supplied by Michelle

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											Jarrett. The first ~3 gallons of water purged was cloudy, light red in color then the water cleared up.
PTX06-EW-79	5/23/2016	Extraction well service		278				P			Conducted tailgate safety briefing and daily rig/location checks. Verified LOTO in place and the power cable is air gapped. All techs placed LOTO locks on the red LOTO box. Rigged up Smeal and pulled 13 jts of 2" X 20' pvc tubing, 1 - 2" X 2' pvc sub and submersible pump. P&T techs changed out pump and re installed tubing,sub and new pump. S&A techs assisted by P&T techs.
PTX06-EW-78A	5/23/2016	Extraction well service		292				P			Conducted tailgate safety briefing and daily rig/location checks. Verified LOTO in place and the power cable is air gapped. All techs placed LOTO locks on the red LOTO box. Rigged up Smeal and pulled 14 jts of 2" X 20' pvc tubing, 1 - 2" X 2' pvc sub and submersible pump. P&T techs changed out pump and re installed tubing,sub and new pump. S&A techs assisted by P&T techs. The 2" pvc tubing installed in this well is in poor condition with several joints crooked and threads beginning to wear out. Recommend replacing the entire string of tubing.
PTX06-EW-61	5/24/2016	Extraction well service	272.90	295				P			Conducted tailgate safety briefing and daily rig/location checks. Verified LOTO in place and the power cable is air gapped. All techs placed LOTO locks on the red LOTO box. Rigged up Smeal and pulled 14 jts of 1 1/4"" X 20' pvc tubing, 1 - 1 1/4" X 8'8" pvc sub and submersible pump. Will let well set overnight and perform well inspection video prior to reinstalling the submersible pump and tubing. P&T techs assist S&A.
PTX06-1008	5/24/2016	Bennett pump service	270.50	281	258	18.0	276.0	P	16-28 P&T	2	This well dried up during recent pre sample purge. Per Michelle Jarrett, pulled dedicated tubing bundle, Bennett pump with 15' drop tube. Spliced 3' in

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											length on the drop tube to lower sample intake to bottom of screen. Re installed tubing bundle, Bennett pump and drop tube. Pumped 2 gallons of water from the well. Pumping good.
PTX01-1012	5/24/2016	Well video	512.80	901				O			Went to take a post redevelopment video with the camera 2 back from repair. Camera 2 was still not working correctly so it made 3 separate videos which were saved to k drive for camera diagnosis. Returned in the afternoon with camera 1 only to find out its having similar issues. There are 2 separate videos with this camera showing its similar issues. Made a 3rd attempt and it worked good with no issues. Video shows the well was made with stainless casing and screen. The casing is in good condition and shows no signs with areas of concern. Screen is improved with little to no sand or debris at sampling interval. It has slight sand deposits closer to the bottom but nothing of concern. Sump has sand in it but not too bad.
PTX06-EW-62	5/24/2016	Extraction well service	274.60	296				P			Conducted tailgate safety briefing and daily rig/location checks. Verified LOTO in place and the power cable is air gapped. All techs placed LOTO locks on the red LOTO box. Rigged up Smeal and pulled 14 jts of 1 1/4"" X 20' pvc tubing, 1 - 1 1/4" X 11' pvc sub and submersible pump. Will let well set overnight and perform well inspection video prior to reinstalling the submersible pump and tubing. P&T techs assist S&A.
PTX01-1012	5/25/2016	Bennett pump service						O	Ditch	2	Installed dedicated tubing bundle, Bennett pump and drop tube in well. Pumped 2 gallons of water out of well. Pumping good.
PTX06-EW-59	5/25/2016	Extraction well						P			Conducted tailgate safety briefing and

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
		service									daily rig/location checks. Verified LOTO in place and the power cable is air gapped. All techs placed LOTO locks on the red LOTO box. Rigged up Smeal and pulled 14 jts of 1 1/4"" X 20' pvc tubing, 1 - 1 1/4" X 10' pvc sub and submersible pump. Will let well set overnight and perform well inspection video prior to reinstalling the submersible pump and tubing. P&T techs assist S&A.
PTX08-1003	5/25/2016	Bennett pump service	276.60					P	16-28 P&T	10	Sample techs were unable to sample this well due to the pump stopping. Drove to location and attached nitrogen to tubing bundle to test pump the well. Pumped ~ 1/2 gallon and the water flow stopped. Bled off nitrogen and reattached nitrogen to tubing bundle. Pumped ~ 1/2 gallon and flow stopped again. Bled off nitrogen line again and reattached. Pumped 10 gallons of water with no more pump problems with good flow.
PTX06-EW-2	5/26/2016	Extraction well service						P			Conducted tailgate safety briefing and daily rig/location checks. Verified LOTO in place and the power cable is air gapped. All techs placed LOTO locks on the red LOTO box. Rigged up Smeal and pulled 14 jts of 1 1/4"" X 20' pvc tubing, 1 - 1 1/4" X 5' pvc sub and submersible pump. Will let well set overnight and perform well inspection video prior to reinstalling the submersible pump and tubing. P&T techs assist S&A.
PTX06-EW-7	5/26/2016	Extraction well service						P			Conducted tailgate safety briefing and daily rig/location checks. Verified LOTO in place and the power cable is air gapped. All techs placed LOTO locks on the red LOTO box. Rigged up Smeal and pulled 13 jts of 1 1/4"" X 20' pvc tubing, 1 - 1 1/4" X 12' pvc sub and submersible pump. Will let well set overnight and perform well inspection video prior to reinstalling the

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											submersible pump and tubing. P&T techs assist S&A.
PTX06-EW-62	6/6/2016	Well video		297				P			Well video for inspection, camera 1. 6' PVC casing and stainless steel screen. Water level is above screen by a couple of feet. Screen has slight iron bacteria and light sand, heavier towards bottom. Sump is full at 296.5'. Did not get a water level measurement.
PTX06-EW-37	6/6/2016	Extraction well service						P			Conducted tailgate safety briefing and daily rig/location checks. Verified LOTO in place and the power cable is air gapped. All techs placed LOTO locks on the red LOTO box. Rigged up Smeal and pulled 14 jts of 1 1/4"" X 20' pvc tubing, 1 - 1 1/4" X 10' pvc sub and submersible pump. Well well be left to settle out cloudy water prior to well video. P&T tech assist S&A.
PTX06-EW-62	6/6/2016	Well video	275.00	296				P			Well video for inspection, camera 1. 6' PVC casing and stainless steel screen. Water level is above screen by a couple of feet @ 275'. Water is still cloudy, but clears toward bottom. Screen has slight iron bacteria and light sand, heavier towards bottom. Sump is full at 296'.
PTX06-EW-59	6/6/2016	Well video	273.80	295				P			Well video for inspection, camera 1. 6' PVC casing and stainless steel screen. Water level is above screen @ 273.8' Screen is silted in, heavier towards bottom. Sump is full at 295'.
PTX06-EW-2	6/6/2016	Well video	273.80	295				P			Well video for inspection, camera 1. 6' stainless steel casing and screen. Water level is @ 273.8'. Screen is fairly clean with an eara of black iron bacteria? Sump is full @ 295'.
PTX06-EW-7	6/6/2016	Well video	274.00	282				P			Well video for inspection, camera 1. 6' stainless steel casing and screen. Water level is @ 274'. Screen has heavy silting above and below water level. Sump is

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											clear @ 282'.
PTX06-EW-2	6/7/2016	Extraction well service	272.70	295				P			Conducted tailgate safety briefing and daily rig/location checks. Verified LOTO in place and the power cable is air gapped. All techs placed LOTO locks on the red LOTO box. Rigged up Smeal and installed 14 jts of 1 1/4"" X 20' pvc tubing, 1 - 1 1/4" X 5' pvc sub and submersible pump. The submersible pump was wired by P&T techs who also assisted with installation.
PTX06-EW-7	6/7/2016	Extraction well service	273.00	282				P			Conducted tailgate safety briefing and daily rig/location checks. Verified LOTO in place and the power cable is air gapped. All techs placed LOTO locks on the red LOTO box. Rigged up Smeal and installed 13 jts of 1 1/4"" X 20' pvc tubing, 1 - 1 1/4" X 12' pvc sub and submersible pump. The submersible pump was wired by P&T techs who also assisted with installation.
PTX06-EW-7	6/8/2016	Extraction well service						P			Conducted tailgate safety briefing and daily rig/location checks. Verified LOTO and air gap in place. Placed locks on LOTO box. Rigged up Smeal and lifted the tubing to support P&T techs lengthening the power cable.
PTX06-EW-62	6/8/2016	Extraction well service						P			Conducted tailgate safety briefing and daily rig/location checks. Verified LOTO in place and the power cable is air gapped. All techs placed LOTO locks on the red LOTO box. Rigged up Smeal and installed 14 jts of 1 1/4"" X 20' pvc tubing, 1 - 1 1/4" X 11' pvc sub and submersible pump. The submersible pump was wired by P&T techs who also assisted with installation.
PTX06-EW-61	6/8/2016	Re-development						P	16-28 P&T	200	Conducted rig/location checks. Verified LOTO in place and the power cable is air gapped. All techs placed LOTO locks on the red LOTO box. Rigged up Smeal and ran surge block in well to surge/brush well screened section. Ran 3 1/2" X 15' stainless steel bailer, bailing

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											light reddish brown colored water and getting light to moderate amounts of sand off bottom. The well cleaned up good with no sand being retrieved out of the well after bailing ~ 150 gallons of water. Will let well settle out then obtain post redevelopment video.
PTX06-EW-59	6/9/2016	Re-development	272.60	295				P	16-28 P&T	200	Conducted rig/location checks. Verified LOTO in place and the power cable is air gapped. All techs placed LOTO locks on the red LOTO box. Rigged up Smeal and ran surge block in well to surge/brush well screened section. Ran 3 1/2" X 15' stainless steel bailer, bailing reddish brown colored water and getting light to moderate amounts of sand off bottom. The well cleaned up good with no sand being retrieved out of the well after bailing ~ 150 gallons of water. Will let well settle out then obtain post redevelopment video.
PTX06-EW-37	6/10/2016	Re-development	272.30	296				P	16-28 P&T	140	Conducted rig/location checks. Verified LOTO in place and the power cable is air gapped. All techs placed LOTO locks on the red LOTO box. Rigged up Smeal and ran surge block in well to surge/brush well screened section. Ran 3 1/2" X 15' stainless steel bailer, bailing cloudy, light red water and getting light amounts of sand off bottom. The well cleaned up good with no sand being retrieved out of the well. Repeat surging and then bailing. Water cloudy but clean looking with no additional amounts of sand. Bailed 140 gallons total and water is clean.
PTX06-1138	6/13/2016	(1) Other-explained below	465.40				507.0	P	Ditch	5	Well maintenance support for the 5 year Ogallala multi level groundwater sampling activities. Pulled dedicated tubing bundle and Bennett pump with lower diverter attached to the pump.

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											Installed the multi level sampling equipment in the well attached to the portable tubing bundle. The top diverter is set at 495' btoc with the sample intake set at 507' btoc. The sample intake depth is per directions from Michelle Jarrett. Purged the portable tubing volume of 2.5 gallons then another ~ 2.5 gallons to check turbidity. The turbidity reading was at 16.5 ntu.
PTX06-EW-37	6/16/2016	Extraction well service						P			Conducted tailgate safety briefing and daily rig/location checks. Verified LOTO in place and the power cable is air gapped. All techs placed LOTO locks on the red LOTO box. Rigged up Smeal and installed 14 jts of 1 1/4"" X 20' pvc tubing, 1 - 1 1/4" X 10' pvc sub and submersible pump. The submersible pump was wired by P&T techs who also assisted with installation.
PTX06-EW-61	6/17/2016	Well video						P			Post development video. PVC casing & stainless steel screen. Slight silt and iron bacteria in screen, gets heavier toward bottom. Sump is clear (sump is very shallow)
PTX06-EW-59	6/17/2016	Well video						P			Post development well video. PVC casing, stainless steel screen. Water is 274.4' and is above the screen. There is light silt and iron bacteria on the screen. There is a piece of grate, possibly plastic in the sump. Sump is shallow.
PTX06-1138	6/20/2016	Bennett pump service and well maintenance support for multi-level well	465.40	589				O	Ditch	13	Well Maintenance support for 5year multi level GW sampling. Purging to check turbidity. Pumped 5 gallons, turbidity was 5.7 NTU. Pumped another 5 gallons, turbidity was 6.11 NTU. The water is clean but aerated. Notified sampling crew that level 2 is ready to sample. Returned to well after sampling completed. Pulled portable tubing bundle with multi level sampling equipment attached. Installed dedicated tubing bundle and Bennett pump with bottom diverter attached. Pumped 3

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											gallons water from well. Pumping good.
PTX06-1157	6/20/2016	Bennett pump service and well maintenance support for multi-level well	398.50	527				O	Ditch	7	Well maintenance support for the 5 year Ogallala multi level groundwater sampling activities. Pulled dedicated tubing bundle and Bennett pump with 15' drop tube and lower diverter attached to the pump. Installed the multi level sampling equipment in the well attached to the portable tubing bundle to level 2 depth. The top diverter is set at 455' btoc with the sample intake set at 467' btoc. Bottom diverter is set at 502' btoc. The sample intake depth is per directions from Michelle Jarrett. Purged the portable tubing volume of 2.5 gallons. Purged another 4 gallons, water became turbid red colored. Will let set overnight then resume purging to check turbidity.
PTX06-EW-61	6/20/2016	Extraction well service						P			Conducted tailgate safety briefing and daily rig/location checks. Verified LOTO/ air gap in place. Placed locks on red LOTO box. Rigged up Smeal and installed 14 joints of 1 1/4" X 20' pvc tubing, 1 - 1 1/4" X 8'8"' pvc sub and submersible pump. Assisted by P&T techs.
PTX06-EW-59	6/20/2016	Extraction well service						P			Conducted tailgate safety briefing and daily rig/location checks. Verified LOTO/ air gap in place. Placed locks on red LOTO box. Rigged up Smeal and installed 14 joints of 1 1/4" X 20' pvc tubing, 1 - 1 1/4" X 10' pvc sub and submersible pump. Assisted by P&T techs.
PTX06-1157	6/21/2016	Bennett pump service and well maintenance support for multi-level well	398.50	527				O	Ditch	10	Well maintenance support for 5 year multi level Ogallala groundwater sampling. The multi level sampling equipment is installed in this well at level 2 with the sample intake set at 467' btoc. Began pumping water to evaluate

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											turbidity of the water. Pumped 5 gallons, turbidity 5.13 NTU. Pumped another 5 gallons for 10 gallons total, turbidity 2.58 NTU. After the sample techs sampled level 2 pulled the portable tubing bundle with the multi level sampling equipment attached out of the well. Removed the bottom diverter and reinstalled to level 3. Sample intake set at 517' btoc with the top diverter set at 505' btoc. No bottom diverter needed as level 3 is the lowest level in the well. We will let the well set overnight then return to purge the tubing bundle and check turbidity of the water.
PTX06-1157	6/22/2016	Bennett pump service and well maintenance support for multi-level well	398.50	527			517.0	O	Ditch	12	Well maintenance support for 5 year multi level Ogallala GW sampling. Sample intake at level 3 is 517'. Maximum flow rate during this purge was .4 gal/minute. Purged 2.5 gallons to clear tubing bundle. Continues pumping to check turbidity of the water. 5 gallon turbidity = 0.15 ntu. 7.5gal turbidity = 0.42 ntu. After the well was sampled pulled portable tubing bundle with multi level sampling equipment. Installed dedicated tubing bundle, Bennett pump with 15' drop tube attached and bottom diverter. Pumped 5 gallons pumping good.
PTX06-1143	6/23/2016	Bennett pump service (2) Other-explained below	496.00	780			542.0	O			Well maintenance support for 5 year multi level groundwater sampling. Pulled dedicated tubing bundle, Bennett pump and bottom diverter. Installed portable tubing bundle with multi level sampling equipment to level 2. Sample intake for this level is set at 542' btoc. Top diverter is set at 530' btoc and bottom diverter is set at 577' btoc.
PTX06-1143	6/27/2016	Bennett pump service and well maintenance support for	496.00	780				O	Ditch	20	Portable tubing bundle with multi level equipment is set @ Level 2 with the sample intake 542' btoc. Pumped 2.5 gallon tubing bundle volume, then continue pumping to check turbidity.

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
		multi-level well									After first 5 gallons, turbidity = 0.03 ntu. Sampled level 2. Pulled portable tubing bundle with multi level equipment out of the well. Changed out bottom diverter cable (45') for longer (75') cable. Installed portable tubing bundle and multi level equipment in well to level 3. Level 3 sample intake is set @ 597' btoc. Top diverter set @ 585' btoc. Bottom diverter set @ 662' btoc. Pumped first 2.5 gallons to purge tubing bundle, continued pumping to check turbidity. 5 gallon turbidity = 35.0 ntu, 10 gallon turbidity = 25.6 ntu. 15 gallon turbidity = 4.96 ntu. Sampled level 3. Pulled portable tubing bundle and multi level equipment out of well. Changed out bottom diverter cable (75') for shorter (65') cable. Installed portable tubing bundle and multi level equipment in well to level 4. Level 4 sample intake is set @ 697' btoc. Top diverter set @ 685' btoc. Bottom diverter set @ 752' btoc.
PTX06-1143	6/28/2016	Bennett pump service and well maintenance support for multi-level well	496.00	780				O	Ditch	33	Well maintenance support for 5 year multi level Ogallala groundwater sampling. Start pumping at level 4. Pump first 2.5 gallons to purge bundle. Continue pumping to check turbidity. 5 gallon turbidity = 31.8 ntu, 10 gallon turbidity = 42.7 ntu, 13 gallon turbidity = 35.9. Sampled level 4. Pulled portable tubing bundle and multi level equipment. Removed lower diverter. Installed tubing bundle and multi level sampling equipment to level 5. Sample intake 772' btoc. Top diverter set at 760' btoc. No bottom diverter installed. Unable to pump water. Pulled tubing bundle and multi level equipment out of well. Pump intake screen was clogged

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											with red sand. Changed intake screen on pump. Attempted to pump DI water through the pump. Pump action was very weak. Pulled pump # 1806-503 off and replaced with pump # 1806B-873. Pumped 3 gallons of DI water. Pump action is strong. Installed tubing bundle and multi level equipment in well. Set intake at 765' btoc to avoid clogging the pump with sand at the lower depth. Began pumping water. Pumped 2.5 gallons to purge pump and continued pumping to check turbidity. 5 gallon turbidity = 254 ntu, 10 gallon turbidity = 193 ntu, 15 gallon turbidity = 189 ntu, and 20 gallon turbidity = 212 ntu. Will let well settle out overnight and resume pumping.
PTX06-1140	6/29/2016	Bennett pump service and well maintenance support for multi-level well	489.30	682				O	Ditch	5	Well maintenance support of 5 year multi level Ogallala GW sampling. Pulled dedicated tubing bundle, Bennett pump and bottom diverter out of well. Installed portable tubing bundle with multi level sampling attached to level 2. Sample intake set at 527' btoc, top diverter set at 515' btoc and bottom diverter set at 552' btoc. Pumping 2.5 gallons to purge tubing bundle then continue pumping. 5 gallon turbidity = 19.7 ntu. Sampled level 2. Pulled portable tubing bundle and multi level equipment out of well. Changed out bottom diverter cable with longer one. Installed tubing bundle and equipment in well to level 3. Intake set at 572' btoc, top diverter set at 560' btoc and bottom diverter set at 627' btoc.
PTX06-1143	6/29/2016	Bennett pump service (2) Other-explained below	496.00	780				O	Ditch	10	Well maintenance support for 5 year multi level Ogallala GW sampling. Level 5 intake is set at 765' btoc due to heavy sand concentration at the original intake setting of 772' btoc with concurrence from Michelle Jarrett. Began pumping to check turbidity. Turbidity continued in the

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											170 + ntu range. Sampled level 5. Pulled portable tubing bundle with multi level sampling equipment out of well and installed dedicated tubing bundle, Bennett pump and bottom diverter. Pumped 3 gallons of water from the well. Pumping good.
PTX06-1140	6/30/2016	Bennett pump service and well maintenance support for multi-level well	489.30	682				O	Ditch	18	Well maintenance support for 5 year multi level Ogallala GW sampling. Level 3 intake is set at 572' btoc. Pumping 2.5 gallons to purge tubing bundle then continued pumping to check turbidity. 5 gallon turbidity = 1.45 ntu, 10 gallon turbidity = .031 ntu. Sampled level 3. Pulled portable tubing bundle and multi level sampling equipment and removed bottom diverter. Installed portable tubing bundle and multi level sampling equipment to level 4. Level 4 intake is set at 647' btoc. Top diverter is set at 635' btoc. No bottom diverter is installed at this level. Pumping 2.5 gallons to purge tubing bundle then continued pumping to check turbidity. 5 gallon turbidity = 57 ntu. Sampled level 4. Pulled portable tubing bundle and multi level sampling equipment. Installed dedicated tubing bundle, Bennett pump and bottom diverter in well. Pumped 3 gallons of water to check out pump. Pumping good.
PTX06-1141	7/1/2016	Bennett pump service and well maintenance support for multi-level well	480.00	678				O	Ditch	5	Well maintenance support for 5 year multilevel Ogallala GW sampling. Pulled dedicated tubing bundle Bennett pump and bottom diverter. Intalled portable tubing bundle with multi level sampling equipment to level 2. Level 2 sample intake set @ 532' btoc, top diverter set @ 520' btoc, bottom diverter sert @ 567' btoc. Pumped 2.5 gallons to purge tubing bundle and continued pumping to

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											check turbidity. Water is orange-tan in color. Let bundle set until sampling can be completed. Anticipate fines to settle out and turbidity to clear up for sampling.
PTX06-1141	7/5/2016	Bennett pump service and well maintenance support for multi-level well	480.00	678				O	Ditch	20	Well maintenance support for 5 year multilevel Ogallala sampling. Sample level 2 then lower sampling equipment to level 3. Level 3 intake set @ 587', top diverter set @ 575' btoc. No bottom diverter. Pumped 2.5 gallons to purge tubing bundle then continued pumping to check turbidities. 5 gallon = 275 ntu, 10 gallon = 362 ntu, 15 gallon = 202 ntu, 17.5 gallon = 126 ntu. Sample level 3. Pulled portable tubing bundle with multilevel sampling equipment. Installed dedicated tubing bundle, Bennett pump and bottom diverter.
PTX06-1144	7/5/2016	Bennett pump service and well maintenance support for multi-level well	493.70	802				O			Well maintenance support for 5 year multilevel Ogallala GW sampling. Pulled dedicated tubing bundle Bennett pump with top and bottom diverter. Intalled portable tubing bundle with multi level sampling equipment to level 1. Level 1 sample intake set @ 497' btoc, bottom diverter set @ 533' btoc.
PTX06-1144	7/6/2016	Bennett pump service and well maintenance support for multi-level well	493.70	802				O	Ditch	15	Well maintenance support for 5 year multilevel Ogallala GW sampling. Pumped 2.5 gallons to purge tubing bundle, continued pumping to check turbidities. 5 gallon turbidity = 75 ntu. Sampled level 2. Lowered sampling equipment to level 3. Level 3 intake set @ 552' btoc, top diverter set @ 540' btoc, bottom diverter set @ 587' btoc. Pumped 2.5 gallons to purge tubing bundle, continued pumping to check turbidity. 5 gallon turbidity = 140 ntu. Sample level 3.
PTX06-1144	7/7/2016	Bennett pump service and well maintenance	493.70	802				O			Well maintenance support for 5 year multi level GW sampling. Multi level set at level 2. Pulled portable tubing bundle and multi level sampling equipment out

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
		support for multi-level well									of well. Changed out cable supporting bottom diverter with a longer cable. Installed tubing bundle and sampling equipment to level 4. Sample intake set @ 672' btoc. Top diverter set @ 660' btoc, bottom diverter set @ 767' btoc. Will let well settle out over the weekend and continue sampling Monday morning.
PTX06-1144	7/11/2016	Bennett pump service and well maintenance support for multi-level well	493.70	802				O	Ditch	8	Well maintenance support for 5 year Ogallala multi level GW sampling. Multi level sampling equipment installed in the well at level 4. Pumped 2.5 gallons of water to purge tubing bundle then continued pumping to check turbidity. 5 gallon turbidity = 6.79 ntu. Sampled level 4. Pulled portable tubing bundle and multi level sampling equipment out of well. Removed bottom diverter and installed sampling equipment to level 5. Sample intake is set @ 792' btoc, top diverter set @ 780' btoc., with no bottom diverter installed.
PTX06-1144	7/12/2016	Bennett pump service and well maintenance support for multi-level well	493.70	802				O	Ditch	20	Well maintenance support for 5 year multi level Ogallala GW sampling. Multi level sampling equipment set @ level 5. Pumped 2.5 gallons to purge tubing bundle. Continued pumping to check turbidity. 5 gallon turbidity = 52.6 ntu, 8 gallon turbidity = 202 ntu, 10 gallon turbidity = 225 ntu, 12.5 gallon turbidity = 157 ntu, 15 gallon turbidity = 123 ntu. Sampled level 5. Pulled portable tubing bundle and multi level sampling equipment out of well. Installed dedicated tubing bundle with top and bottom diverters in well. We were unable to get pump to operate. Will return at later date to troubleshoot the problem.
PTX06-EW-65	7/13/2016	Extraction well service						P			Verified LOTO and air gap in place. Locks placed on LOTO box. Conducted

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											daily rig/location checks. Rigged up Smeal and pulled 14 joints of 1 1/4" X 20' pvc tubing, 1 - 1 1/4" X 8 1/2' sub and submersible pump. Will let well set a couple of days to settle out for well inspection video to be performed. P&T techs assisting.
PTX06-EW-79	7/13/2016	Extraction well service		278				P			Verified LOTO and air gap in place. Locks placed on LOTO box. Conducted tailgate safety briefing and daily rig/location checks. Rigged up Smeal and pulled 13 joints of 2" X 20' pvc tubing, 1 - 2" X 2' sub and submersible pump. P&T techs trouble shoot pump problem. Pump bad - new pump will be ordered. P&T techs assisting S&A techs.
PTX06-EW-36	7/14/2016	Extraction well service	272.60	286				P			Verified LOTO and air gap in place. Locks placed on LOTO box. Conducted daily rig/location checks. Rigged up Smeal and pulled 14 joints of 1 1/4" X 20' pvc tubing, and submersible pump. P&T techs wired new pump and installed tubing and submersible pump in well. S&A assisted by P&T techs.
PTX01-1002	7/18/2016	Pre-sample purge	263.80					P	16-28 P&T	45	Performed pre sample purge of 45 gallons per instructions and purge volume calculations supplied by Michelle Jarrett. 42 gallons was the actual purge amount requested. The water level measurement recorded represents the measurement after the purge was completed. The first 2 gallons of water were brown in color but began cleaning up quickly. Water remained cloudy throughout the purge. The pump action was strong throughout the purge and the flow was constant in volume.
PTX06-EW-65	7/18/2016	Well video	271.60	294				P			Verified LOTO/Air gap in place. Placed LOTO lock on red box. Performed well video for well maintenance purposes. This well has 6" pvc casing and 6" stainless steel screen. The casing is in good condition. The screen is in fair condition with moderate amounts of iron

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											bacteria present throughout the screened section. The bottom of the screened section has sand in it. From observing the lithologic log for this well, it appears that this well has little to no sump below the screen. The top of water is above top of the screened section.
PTX07-1R03	7/18/2016	Bennett pump service	253.00					P	16-28 P&T	6	Drove to well to check pump operation prior to sampling. Pumped 6 gallons of water from the well. Pump action is good.
PTX07-1Q01	7/19/2016	Pre-sample purge	278.20					P	16-28 P&T	37	Performed pre sample purge of 37 gallons per instructions and purge volume calculations supplied by Michelle Jarrett. Maximum water drawdown during purge was .7'. Pump operation good and water is clean.
PTX07-1Q02	7/19/2016	Pre-sample purge	282.80					P	16-28 P&T	61	Performed pre sample purge of 61 gallons per instructions and purge volume calculations supplied by Michelle Jarrett. Maximum water drawdown during purge was .2'. Pump operation good and water is clean.
PTX07-1Q03	7/19/2016	Pre-sample purge	265.80					P	16-28 P&T	83	Performed pre sample purge of 83 gallons per instructions and purge volume calculations supplied by Michelle Jarrett. Maximum water drawdown during purge was .1'. Pump operation good and water is clean.
PTX08-1010	7/20/2016	Bennett pump service and Pre-sample purge	216.80	242			221.8	P	16-28 P&T	44	This well has no dedicated tubing bundle installed in it. Installed portable tubing bundle and Bennett pump in well. Sample intake set 5' below top of water. Performed pre sample purge of 44 gallons per instructions and purge volume calculations supplied by Michelle Jarrett. Pumping good and water is clean.
PTX06-1080	7/20/2016	Bennett pump service	272.10	289	264	13.0	277.0	P	16-28 P&T	4	The pump intake was at or above top of water in this well. Pulled dedicated tubing bundle, Bennett pump with 8'

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											drop tube attached. Spliced 5' in length on the drop tube for a 13' drop tube. Installed dedicated tubing bundle, Bennett pump and drop tube in well. Pumped 4 gallons water from the well. Pumping good.
PTX06-PRB03	7/21/2016	Well video collected, but well had very little was so was not redeveloped - evaulating well for use in passive flux meter study. Moved to other wells to obtain water level and total depth measurements.						P			This well was requested for well redevelopment and video per WMR. Well has less than 1' of water in it. Per Michelle Jarrett, obtained water level and TD measurements at all PRB wells. PTX06-PRB03 – Top of water 281.4' TD 282' PTX06-PRB04 – Top of water Dry TD 280' PTX06-PRB05 – Top of water 281.5' TD 282' PTX06-PRB06 – Top of water 281.3' TD 282' PTX06-PRB07 – Top of water 281.4' TD 282.5' PTX06-PRB08 – Top of water 281.4' TD 282' PTX06-PRB09 – Top of water 281.6' TD 283' PTX06-PRB10 – Top of water Dry TD 280.5' PTX06-PRB11 – Top of water Dry TD 280' PTX06-PRB12 – Top of water 281.4' TD 282.5' PTX06-PRB13 – Top of water Dry TD 281'

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											PTX06-PRB14 – Top of water Dry TD 280' PTX06-PRB15 – Top of water 281.4' TD 283' PTX06-PRB16 – Top of water 281.5' TD 283'
PTX06-INJ/BIO-007	7/21/2016	Collected top of water and total depth measurements in preparation for PFM study.	278.80	290				P			Obtained top of water and TD measurements to determine water level in prep for well redevelopment per WMR.
PTX06-INJ/BIO-007	7/25/2016	Re-development	278.80	290				P	16-28 P&T	200	Conducted tailgate safety briefing and daily rig/location checks. Rigged up Smeal and ran surge block. Surged/brushed screened section. Bailing brown colored water which cleaned up to light brown and cloudy. Surged/brushed screened section again then bailing. Water cleaned up to light brown and cloudy again. Will let well set a few days then perform post redevelopment video.
PTX07-1O03	7/26/2016		253.60					P	16-28 P&T	6	Performed pre sample purge of 6 gallons per instructions and purge volume calculations supplied by Michelle Jarrett. Maximum drawdown was 3.1'.
PTX08-1010	7/26/2016	Bennett pump service						P			Pulled portable tubing bundle and Bennett pump out of well after 5 year GW sampling completed on this well.
PTX06-1105	7/27/2016	Well video	281.30	283				P			Well video performed per request by Michelle Jarrett. This well has 4" pvc casing and 4" stainless steel screened section. The casing is in good condition. The top 12' of screen is clean. From 12' below top of screen to bottom is a liner/sleeve inside the screen with a cone shaped bottom with what appears to be

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											a white ball sealing the bottom. The ball is unknown material. The sleeve starts ~ 1' above top of water.
PTX06-PRB16	7/27/2016	Well video	281.50	283				P			Well video performed per request from Michelle Jarrett. This well has 4" pvc casing and 4" stainless steel screened section. The screened section construction has 2-10' sections with a 10' section of blank casing between them. The top screened section has white material deposited on it and is mostly blocked. The bottom section of screen is fairly clean filter pack is visible behind the screen. Some iron bacteria observed near bottom of the screen. The sump is open.
PTX06-EW-79	7/28/2016	Extraction well service						P			Conducted tailgate safety briefing and daily rig/location checks. Verified LOTO/Air gap in place. LOTO locks placed on LOTO box. Rigged up Smeal and installed 13 joints of 2" X 20' pvc tubing, 1 - 2" X 2' pvc sub and submersible pump. P&T techs assisting.
PTX06-EW-65	7/28/2016	Extraction well service						P			Conducted rig/location checks. Verified LOTO/Air gap in place. LOTO locks placed on LOTO box. Rigged up Smeal and installed 14 joints of 1 1/4" X 20' pvc tubing, 1 - 1 1/4" X 7 1/2' pvc sub and submersible pump. P&T techs assisting.
PTX06-INJ/BIO-007	7/29/2016	Well video	278.80	290				P			Well video performed per WMR. This video is of the screened section only. The well has 4" pvc casing and 4" stainless steel screen. The casing and screened section are in good condition. The screen below top of water is very clean with the filter pack sand visible behing the screen. The sump is open.
PTX06-1154	7/29/2016	Bennett pump service	279.10	282				P			Pulled dedicated tubing bundle and Bennett pump with a 4.9' drop tube attached per WMR.
PTX06-1153	7/29/2016	Bennett pump service	280.50	286				P			Pulled dedicated tubing bundle and Bennett pump with a 6.5' drop tube

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											attached per WMR.
PTX08-1005	8/2/2016	Pre-sample purge	271.40					P	16-28 P&T	29	Performed pre sample purge of 29 gallons per instructions and purge volume calculations supplied by Michelle Jarrett. Maximum drawdown during the purge was .1'.
PTX06-1005	8/2/2016	Pre-sample purge	280.20					P	16-28 P&T	28	Performed pre sample purge of28 gallons per instructions and purge volume calculations supplied by Michelle Jarrett. Maximum drawdown during the purge was .1'
PTX07-1O02	8/2/2016	Pre-sample purge	255.90					P	16-28 P&T	4	Conducted pre sample purge. The requested purge amount is 5 gallons. This well is a very low yield well. After pumping 4 gallons the well dried up. Draw down was to 259.9' btoc. Waited 30 minutes to allow well to recharge. Well recharged to 259.6' btoc (0.3'). Due to the slow recharge rate, purge was terminated with 4 gallons purged. Advised Michelle Jarrett, media scientist of the situation.
PTX08-1006	8/3/2016	Pre-sample purge	271.80					P	16-28 P&T	66	Performed pre sample purge of 66 gallons per instructions and purge volume calculations supplied by Michelle Jarrett. Minimal drawdown of less than 0.1' observed.
PTX06-1130	8/4/2016	Well video		283				P			Pulled dedicated tubing bundle, Bennett pump and drop tube out of well. Performed well video and TD measurement per WMR. This well has 4" pvc casing and 4" stainless steel screened section. The screen is clean toward top and gradually gets some mud infiltration lower down in the screen. The bottom 2' of screen is basically plugged with mud with the filter pack visible in a few places. The filter pack is visible throughout the rest of the screen. The sump is clear. About 2" of mud was on the tagline probe when

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											retrieved from the well. Re installed tubing bundle, Bennett pump and drop tube in the well.
PTX06-1166	8/17/2016	Removed pump and tubing bundle in preparation for passive flux meter placement	281.10	290							PER WMR# 2016-006 - REMOVED BUNDLE, PUMP AND 6' DROP TUBE. (POST GW SAMPLING) THIS WELL IS ONE OF THREE CHOSEN FOR A PASSIVE FLUX TEST. THE BUNDLE, PUMP AND DROP TUBE WERE LABLED AND PLACED IN THE KILGORE GARAGE AREA FOR STORAGE UNTIL REINSTALL.
PTX01-1012	8/17/2016	Bennett pump service	520.30	901		15.0					REMOVED TUBING BUNDLE, PUMP AND 15' DROP TUBE, T BENNETT PUMP SERVICE IS GOING TO ADD 30' TO THE BUNDLE. THE CURRENT PUMP/DROP TUBE IS NOT IN THE WATER. TUBING BUNDLE, PUMP AND 15' DROP TUBE WERE PLACED IN KILGORE GARAGE UNTIL TAKEN TO BENNETT FOR EXTENSION.
PTX06-ISB075	8/23/2016	Bennett pump service									This well has had the dedicated tubing bundle removed since 5/4/16 for sub contractor submersible pump installation. The subcontractor has removed their submersible pump. Drove to the well to install dedicated tubing bundle, Bennett pump and drop tube. The grommet ring was missing out of the casing. Located another grommett ring and installed in the well casing cap. Installed dedicated tubing bundle, Bennett pump and drop tube.
PTX06-ISB024	8/23/2016	Well video	280.50	287							WELL VIDEO FOR INSPECTION PURPOSES. TRI HYDRO SUSPECTED ABNORMALITY IN THE SCREEN WHILE PREFORMING MAINTANANCE WORK. (THEY THOUGHT THERE WAS AN OVER ABUNDANCE OF SAND) M. MONROE/M. JARRETT REQUESTED A VIDEO FOR INSPECTION. CASING IS 4" PVC, SCREEN IS STAINLESS STEEL AND STARTS AT APPOXAMATELY 275' AND WATER AT 280.5'. THE WATER IS

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											CLOUDY DUE TO TRI HYDROS PRIOR WORK. WE DID NOT SEE ANY ABNORMALITIES IN THE SCREEN, HOWEVER WE DID NOT SEE THE SUMP AND THE CAMERA STOPPED AT 283.8' DUE TO SAND. TAG LINE SHOWS 287'.
PTX01-1012	8/25/2016	Bennett pump service			536	0.0	536.0	O	Ditch	3	The dedicated tubing bundle was removed from this well and delivered to Bennett Sample Pumps to have 30' in length added to it due to declining water levels. Installed dedicated tubing bundle and Bennett pump in well. No drop tube attached due to lowered sample intake depth. Pumped 3 gallons of water from the well. Pumping good.
PTX01-1010	9/6/2016	Bennett pump service	504.70	847				O	Ditch	3	During GW sampling activities, sampling techs were unable to get the pump to operate. Returned to this well today and attempted to get the pump to work. Still unable to pump water. Pulled dedicated tubing bundle, Bennett pump with a 23'drop tube and bottom diverter attached. Replaced pump # 1807-78 with rebuilt pump # 1806-426. Tested new pump with DI water then evacuated water out of the tubing bundle prior to installation. Installed dedicated tubing bundle, Bennett pump, drop tube and bottom diverter in the well. Pumped 3 gallons of water, good pump action.
PTX06-1056	9/12/2016	Bennett pump service						O			Per M. Monroe - tubing bundle and pump were pulled so CoLog could run a Cement Log test on PTX06-1056. After 2 hours (for the tesing) the bundle was re-installed and tested. Pumped good.
PTX06-1144	9/15/2016	Bennett pump service	493.90					O	Ditch	10	After multi level sampling was complete at this well, the dedicated tubing bundle was installed in the well. Pump wouldn't move water. Returned to this well today. Attached nitrogen to the tubing bundle

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											and well began pumping with good pump action.
PTX08-1003	9/20/2016	Re-development	276.70	302					16-28 P&T	75	Conducted tailgate safety briefing and rig/location checks. Rigged up Smeal and ran surge block to surge/brush screened section. Bailing light brown colored water with moderate amounts of sand. Bailed until the water cleared up then surged/brushed the screened section again. Bailing more light brown colored water and sand.
PTX06-1068	9/23/2016	Bennett pump service				15.0					This well is on the 3 year WMP redevelopment schedule and is also on the pre sample purge schedule. Pulled dedicated tubing bundle, Bennett pump and drop tube out of the well in prep for above mentioned activities.
PTX06-EW-82	9/27/2016	Well video	283.80	302							Initial acceptance video for new well insatllation. Well has 6" PVC casing and stainless steel screen. Joints look good. Water slightly above screen at 283' with the screen at 284'. Screen is in good condition and is clear of debris. The sump is clear with some sand, did not see any issues.
PTX06-EW-83	9/27/2016	Well video	283.80	302							Initial acceptance video for new well insatllation. Well has 6" PVC casing and stainless steel screen. Joints look good. Screen at 283'. Screen is in good condition and is clear of debris. The sump is clear with some sand, did not see any issues.
PTX06-EW-84	9/27/2016	Well video	283.40	302							Initial acceptance video for new well insatllation. Well has 6" PVC casing and stainless steel screen. Joints look good. Screen is approx. 283'. Screen is in good condition and is clear of debris. The sump is clear with some sand, did not see any issues.
PTX06-1068	9/27/2016	Pre-sample purge and Re-development	523.70	801				O	Ditch	300	Activities being performed at this well are for pre sample purge and redevelopment purposes. Conducted tailgate safety briefing and rig/location checks. Rigged up Smeal and ran surge block to

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											surge/brush ~ 40' of screened section below top of water. Ran 3 1/2" X 15' stainless steel bailer. Bailer stops in the casing at ~300' btoc. Ran 3" X 15' stainless steel bailer and began bailing reddish colored water which cleaned up quickly. Continued bailing to accomplish pre sample purge.
PTX06-1178	9/27/2016	Well video	283.40	302							Video for inspection purposes. Well has 6" casing. The casing is PVC and the screen is stainless steel. Screen starts at aprox. 278.5'. Casing joints look good. The screen has areas of light sand at the top and becomes heavy and full at the bottom of the screen. The sump is clear with some sand.
PTX06-1181	9/28/2016	Well video	275.00	298							Initial acceptance video for new well insatllation. Well has 4" PVC casing and stainless steel screen. Joints look good. The screen is approx. 268'. The water is cloudy. Screen is in good condition and is clear of debris. The sump is clear with some sand, did not see any issues.
PTX06-EW-87	9/28/2016	Well video	283.30	303							Initial acceptance video for new well insatllation. Well has 6" PVC casing and stainless steel screen. Joints look good. Water slightly above screen at 283.3' with the screen at 284'. There are PVC shavings on top of the water. Screen is in good condition and is clear of debris. The sump is clear with some sand and PVC shavings, did not see any issues.
PTX06-EW-88	9/28/2016	Well video	283.00	303							Initial acceptance video for new well insatllation. Well has 6" PVC casing and stainless steel screen. Joints look good. Water slightly above screen at 283' with the screen at 284'. Screen has areas with sand that gradually gets heavier and then full at the bottom of the screen. The sump is clear with some sand.

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
PTX06-1071	9/28/2016	Well video	224.00	253							Initial acceptance video for new well insatllation. Well has 4" PVC casing and screen. Joints look good. Water slightly above screen at 224' with the screen at 243'. The water is cloudy. Screen is in good condition and is clear of debris. The sump is clear with some sand, did not see any issues.
PTX06-1068	9/28/2016	Pre-sample purge and Re-development	523.70	801				O	Ditch	250	Conducted tailgate safety briefing and rig/location checks. Rigged up Smeal and began bailing. The water is clean. Total amount bailed is 550 gallons which satisfies the pre sample purge amount required.
PTX06-1183	9/29/2016	Well video	280.00	289							Initial acceptance video for new well insatllation. Well has 4" PVC casing and screen. Joints look good. The screen starts approx 279'. The water is at 280' and has PVC shavings on top. The water is cloudy and with the shavings makes it hard to see the down hole view. Screen is in good condition and is clear of debris. The sump is clear with some sand and PVC shavings, did not see any issues.
PTX06-1182	9/29/2016	Well video	277.00	285							Initial acceptance video for new well insatllation. Well has 4" PVC casing and screen. Joints look good. The screen starts approx. 274'. Screen is in good condition and is clear of debris. The sump is clear with some sand, did not see any issues.
PTX06-EW-85	10/3/2016	Restamped brass tage to reflect well location name change from PTX06-1178 to PTX06-EW-85.									Per request from M. Jarrett, restamped brass tag to reflect loc code name change from PTX06-1178 to PTX06-EW-85.
PTX06-EW-86	10/3/2016	Restamped brass tage to reflect well location name change from									Per request from M. Jarrett, restamped brass tag to reflect loc code name change from PTX06-1179 to PTX06-EW-86.

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
		PTX06-1179 to PTX06-EW-86.									
PTX06-EW-72	10/4/2016	Extraction well service									Verified LOTO and air gap in place. Placed locks on LOTO box. Rigged up Smeal and pulled 9 joints of 1 1/2" X 20' pvc tubing, 8 joints of 1 1/2" X 10' pvc tubing, 1 - 1 1/2" X 7 1/2' sub and submersible pump. Assisted by P&T techs.
PTX06-EW-63	10/4/2016	Extraction well service									Verified LOTO and air gap in place. Placed locks on LOTO box. Rigged up Smeal and pulled 14 joints of 1 1/4" X 20' pvc tubing, 1 - 1 1/4" X 9 1/2' pvc sub and submersible pump. Assisted by P&T techs.
PTX06-EW-33	10/4/2016	Extraction well service									Verified LOTO and air gap in place. Placed locks on LOTO box. Rigged up Smeal and pulled 14 joints of 1 1/4" X 20' pvc tubing and submersible pump. Assisted by P&T techs.
PTX06-EW-72	10/5/2016	Extraction well service	225.10	276							Verified LOTO and air gap in place. LOTO locks placed on LOTO box. Rigged up Smeal and installed tubing and submersible pump with new power cable. The old cable was suspect after power surge damaged pump and power cable. Assisted by P&T techs.
PTX06-1068	10/5/2016	Bennett pump service						O	Ditch	3	Purged water from tubing bundle. Reinstalled drop tube, pump and tubing bundle; verified pump operation.
PTX06-EW-20	10/5/2016	Extraction well service									Verified LOTO and air gap in place. LOTO locks placed on LOTO box. Rigged up Smeal and pulled 14 joints of 1 1/4" X 20' pvc tubing and 1 - 1 1/4" X 4 1/2' sub and submersible pump. Assisted by P&T techs.
PTX06-1154	10/6/2016	Bennett pump service									Reinstalled tubing bundle, pump and drop tube. Could not get the pump to operate; will return at a later date.
PTX06-1166	10/6/2016	Bennett pump service							16-28 P&T	3	Reinstalled tubing bundle, pump and drop tube. Verified pump operation.

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
PTX06-1153	10/6/2016	Bennett pump service							16-28 P&T	3	Reinstalled tubing bundle, pump and drop tube. Verified pump operation.
PTX06-EW-57	10/6/2016	Extraction well service									Verified LOTO and air gap in place. LOTO locks placed on LOTO box. Rigged up Smeal and pulled 14 joints of 1 1/4" X 20' pvc tubing, 1 - 1 1/4" X 8' sub and submersible pump. Assisted by P&T techs.
PTX06-EW-9	10/6/2016	Extraction well service									Verified LOTO and air gap in place. LOTO locks placed on LOTO box. Rigged up Smeal and pulled 14 joints of 1 1/4" X 20' pvc tubing, 1 - 1 1/4" X 6' sub and submersible pump. Assisted by P&T techs.
PTX06-EW-6	10/6/2016	Extraction well service									Verified LOTO and air gap in place. LOTO locks placed on LOTO box. Rigged up Smeal and pulled 13 joints of 1 " X 20' pvc tubing, 1 - 1 1/4" X 16' sub and submersible pump. P&T techs replaced and rewired new pump. Installed tubing and pump in well. Assisted by P&T techs.
PTX01-1001	10/7/2016	Pre-sample purge	289.30						16-28 P&T	15	Performed pre sample purge of 15 gallons per instructions and purge volume calculations supplied by Michelle Jarrett. Maximum drawdown was .1'
PTX06-EW-33	10/11/2016	Well video	274.40	288							Performed well video for well inspection purposes. This well has 6" pvc casing and 6" stainless steel screened section. The casing is in good condition and the screen has moderate iron bacteria and sand infiltration with the heaviest accumulation at the bottom section of screen. The 1' sump is half full.
PTX06-EW-9	10/11/2016	Well video	271.30	295							Performed well video for well inspection purposes. This well has 6" stainless steel casing and screened section. The casing and screen are in good condition and the 5' sump is less than half full.
PTX06-EW-57	10/11/2016	Well video	274.10	293							Performed well video for well inspection purposes. This well has 6" pvc casing and 6" stainless steel screened section. The casing is in good condition and light

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											to moderate iron bacteria observed near the bottom of the screen. This well has no sump installed.
PTX06-EW-20	10/11/2016	Well video	269.80	290							Performed well video for well inspection purposes. This well has 6" pvc casing and 6" stainless steel screened section. The casing is in good condition. The screened section has moderate to heavy iron bacteria and sand infiltration, heaviest at bottom of the screen. This well has a 1' sump. The down hole view below top of water was compromised due to floating debris in the water.
PTX06-EW-63	10/11/2016	Well video	274.20	295							Performed well video for well inspection purposes. This well has 6" pvc casing and 6" stainless steel screened section. The casing is in good condition and the screened section has some staining with very light amounts of iron bacteria observed. This well has no sump installed.
PTX06-EW-57	10/13/2016	Extraction well service									Verified LOTO and air gap in place. LOTO locks placed on LOTO box. Rigged up Smeal and installed pvc tubing and submersible pump. Assisted by P&T techs.
PTX06-EW-63	10/17/2016	Extraction well service									Verified LOTO/air gap in place. LOTO locks placed on LOTO box. Conducted tailgate safety briefing and rig/location checks. Rigged up Smeal and installed pvc tubing and submersible pump in the well. While installing the water level transducer, the transducer probe became tangled around the power cable and stuck. Pulled the pvc tubing out of the well down to the stuck probe. Freed the probe and installed the tubing back in the well. Probe got stuck again when installing it. Pulled 1 joint of tubing out of well and the probe came loose. Left probe in the well and reinstalled the

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											tubing and finished installing the transducer in the well. P&T techs assisting.
PTX06-EW-20	10/18/2016	Re-development	269.80	290					16-28 P&T	175	Verified LOTO & air gap in place. LOTO locks placed on LOTO box. Conducted tailgate safety briefing and rig/location checks. Rigged up Smeal and ran surge block. Surged/brushed well screened section then began bailing. Water is reddish brown in color and getting moderate amounts of sand. Water began cleaning up, repeated surging/bailing. Bailed until water cleaned up. Assisted by P&T techs Eric Sandifer and Jason Kaufman.
OW-WR-38	10/18/2016	Well video	219.60	232		13.0					Well video for inspection purposes. 4" PVC casing & screen. Joints look good **approximately 165' there apprears to be a hole in the casing**. The screen looks good. Sump is clear.
PTX01-1014A	10/18/2016	Well video									Well maintenance video for inspection purposes. This well is in Playa 3. 4" PVC casing and screen. The joints & screen are in good condition. There are cobwebs in the screen, it is dry. There is trash in the bottom.
PTX01-1002	10/18/2016	Well video				4.5					Well maintenance video for inspection purposes. This well is in Playa 3 and was submerged under water for some time. Pulled large bundle and pump it appears to be in good condition. It also has a piezometer. The casing is 4" stainless steel. Approximately 25' down the side is "blown out". Did not send the camera down past this area and did not reinstall the bundle/pump.
PTX07-1O04	10/19/2016	Well video	258.40	263		5.0					Well inspection - Pulled large bundle, pump & droptube. Video - 4" PVC casing & screen. Joints look good. Approximately 254' there appears to be a bacteria growth on the screen. The water is in the sump. Some sand is in the bottom. Reinstalled bundle, pump and drop tube, it would not pump.

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											Pulled again, noticed several inches of water in the exhaust tube. We called and spoke with KN, he suggested we take the pump off drain exhaust tube. We did so, reinstalled & tested. Tested good.
PTX06-EW-20	10/19/2016	Re-development	269.80	290					16-28 P&T	100	Verified LOTO & air gap in place. LOTO locks placed on LOTO box. Conducted tailgate safety briefing and rig/location checks. Rigged up Smeal and surged well screened section. Began bailing light brown colored water with minimal sand. Water cleaned up quickly.
PTX07-1O05	10/20/2016	Well video	256.30	261		7.0			16-28 P&T	1	Well inspection - Pulledlarge bundle, pump & drop tube. Video - Black 4" PVC casing. Joints look good. Screen is also black PVC. Screen has very light sand infiltration & some bacterial growth. 5' Sump with some debris in bottom. Tested bundle on ground, pumped good. Reinstalled bundle, it would not pump water, but could tell pump was working. It appears the drop tube is not in the water.
PTX07-1Q01	10/20/2016	Well video	278.50	299		7.0			16-28 P&T	1	Well inspection-Pulled large bundle, pump and droptube (piezometer tube was there, but not the piezeometer) Video - 4" Stainless steel casing, joints look good. Screen is stainless steel and has moderate sand infiltration. Sump has sand in it. (Did not see piezometer in the video) Reinstalled bundle, tested good.
PTX07-1O01	10/20/2016	Well video	258.40	261		12.0					Well inspection - Pulled large bundle, pump & drop tube. (has a piezeometer tube, but no piezeometer) Video - 4" Stainless steel casing. Joints look good. Screen is also stainless steel. Screen has moderate bacterial growth & calcium buildup above water. Water is right at the top of the sump. Some sand in

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											sump. Tested bundle on ground, pumped good. Reinstalled bundle, it would not pump water, but could tell pump was working. It appears the drop tube is not in the water.
PTX06-EW-33	10/20/2016	Extraction well service									Verified LOTO & air gap in place. LOTO locks placed on LOTO box. Conducted tailgate safety briefing and rig/location checks. Rigged up Smeal and installed pvc tubing and pump in the well. P&T techs assisting.
PTX06-EW-9	10/20/2016	Extraction well service									Verified LOTO & air gap in place. LOTO locks placed on LOTO box. Conducted rig/location checks. Rigged up Smeal and installed pvc tubing and pump in the well. P&T techs assisting.
PTX06-1035	10/20/2016	Well video	270.70	288		7.0					Well inspection - Pulled bundle & pump. Video 4" PVC casing. Joints look good. Water is slightly above screen. Screen is PVC. Screen has very light sand infiltration. Sump is full of sand. Reinstalled bundle & pump. Tested good.
PTX06-EW-20	10/21/2016	Extraction well service									Verified LOTO/Air gap in place. LOTO locks were placed on LOTO box. Conducted tailgate safety briefing and rig/location checks. Rigged up Smeal and installed pvc tubing and submersible pump. P&T techs assisting.
PTX06-1154	10/24/2016	Bennett pump service	278.70	282	274	6.0	280.0		16-28 P&T	3	The dedicated tubing bundle, Bennett pump and 4.5' drop tube were installed in the well after completion of the PFM testing. Techs were unable to get the pump to move water. Returned to the well today. Pulled the tubing bundle, pump and drop tube out of the well. Determined that the sample intake on the drop tube was above top of water. Added 1.5' in length to the drop tube to make the drop tube 6' in length. This will put the sample intake at top of sump. Installed the tubing bundle, pump and drop tube in well. Unable to get the pump to move water. Pulled the tubing

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											bundle, pump and drop tube out and replaced the old pump (187-465) with a rebuilt pump (187-265). Installed the tubing bundle, new pump and drop tube in well. Pumped 1 gallon of water, pumping good. Well was possibly drying up after the gallon of water was pumped.
1114-MW4	10/25/2016	Pre-sample purge	274.20						16-28 P&T	35	Performed pre sample purge of 35 gallons per instructions and purge volume calculations supplied by Michelle Jarrett. Maximum drawdown in water level was 0.2'
PTX06-1127	10/26/2016	Pre-sample purge	265.00						16-28 P&T	110	Performed pre sample purge of 110 gallons per instructions and purge volume calculations supplied by Michelle Jarrett. Maximum drawdown of water level was 0.1'
PTX07-1P02	10/27/2016	Pre-sample purge	242.30						16-28 P&T	15	Performed pre sample purge of 15 gallons per instructions and purge volume calculations supplied by Michelle Jarrett. Maximum drawdown of water level was 1.1'
PTX08-1009	10/27/2016	Pre-sample purge	274.70						16-28 P&T	30	Performed pre sample purge of 30 gallons per instructions and purge volume calculations supplied by Michelle Jarrett. Maximum drawdown of water level was 0.1'
PTX06-1126	10/27/2016	Pre-sample purge	268.70						16-28 P&T	95	Performed pre sample purge of 95 gallons per instructions and purge volume calculations supplied by Michelle Jarrett. Maximum drawdown of water level was 0.3'
PTX08-1003	11/2/2016	Re-development	276.70	302					16-28 P&T	180	Conducted tailgate safety briefing and daily rig/location checks. Rigged up Smeal and surged/brushed well screened section. Bailing light brown colored water. Bailed until water cleaned up.
PTX06-1009	11/4/2016	Well video	265.50	267							Well inspection. No bundle. Video - 4" stainless steel casing. Joints appeared to

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											be in good condition. Screen is stainless steel. Screen has moderate calcium build up and bacteria. There is water at 265.5" in the sump. Sump is clear.
PTX06-1182	11/14/2016	Bennett pump service	277.20	286			282.0		16-28 P&T	4	Installed portable tubing bundle and Bennett pump in well in support of GW sampling activities. Unable to get the pump to operate. Pulled tubing bundle and pump out of well. Removed pump # 1806B-873 and replaced with pump # 1806B-876. Reinstalled tubing bundle and pump in well. Pumping brown colored water with heavy sand. The water cleaned up after ~ 2 gallons pumped. Pulled portable tubing bundle and pump out of well after the well was sampled.
PTX06-1181	11/14/2016	Bennett pump service	274.90	299			280.0		16-28 P&T	2.5	Installed portable tubing bundle and Bennett pump in well in support of GW sampling activities. Pumped 2.5 gallons of water from the well. Water was clear.
PTX06-1181	11/15/2016	Bennett pump service							16-28 P&T	2.5	Pulled portable tubing bundle and Bennett pump out of well after GW sampling completed. Returned to Kilgore, pumped 6 gallons of DI water through tubing bundle then purged all water out of water line to freeze protect the bundle.
PTX08-1003	11/15/2016	Well video	276.70	302							Performed well video for well inspection and post redevelopment purposes. This well has 4" stainless steel casing and screened section. The casing is in good condition. The water is cloudy. The first section of screen has light amounts of iron bacteria deposits in it. Some degradation of the screen ribs was observed at ~ 285' btoc. The bottom section of screen has moderate to heavy iron bacteria deposits. The sump is open, the water in the sump is too cloudy to see bottom.
PTX07-1Q01	11/16/2016	Bennett pump service and Re-development	277.80	300					16-28 P&T	130	Pulled dedicated tubing bundle, Bennett pump and drop tube out of well in prep for well redevelopment per WMR.

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											Conducted tailgate safety briefing and rig/location checks. Rigged up Smeal then began surging/brushing well screened section. Bailing light brown colored water with light amounts of sand.
PTX08-1003	11/16/2016	Bennett pump service							16-28 P&T	2	Installed dedicated tubing bundle, Bennett pump and drop tube in well. Pumped 2 gallons of water, pumping good.
PTX07-1P06	11/16/2016	Well video	254.80	259		12.0					Annual Well manintance. Pulled large bundle pump and 12" tubing bundle. Video- Cam#1. 4" PVC casing. Joints are in good condition. PVC screen at aprox. 240'. Water level at 254. Screen has some iron bacteria. Sump has light sand. Reinstalled bundle & tested. Could hear pump working, water came to the top of the bundle and set there, then drained back down. It appers drop tube was at top of water, filled the bundle then was out of water and pressure to pump any further.
PTX07-1Q01	11/17/2016	Re-development	277.80	300					16-28 P&T	180	Conducted tailgate safety briefing and rig/location checks. Rigged up Smeal then began surged well screened section. Bailing light brown colored water with moderate amounts of sand to begin with. Sand became lighter and water cleared up.
PTX07-1Q01	11/21/2016	Well video	277.80	300							Performed well video for post redevelopment purposes. Well has 4" stainless steel casing and screened section. Observed sand infiltration behind the screen, particularly near top of water. Interior of screened section improved from initial well inspection video. The sump is clean.
PTX06-EW-88	11/28/2016	Well video	282.90	304							Performed well video to confirm well condition after well development. This well has 6" pvc casing and 6" stainless

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
											steel screened section. This video is of the screened section only. Observed light sand deposits in the screen which became slightly heavier toward bottom. Overall, good condition. The sump is open.
PTX06-1183	11/28/2016	Well video	279.80	290							Performed well video to confirm well condition after well development. This well has 4" pvc casing and screened section. This video is of the screened section only. The screen is clean and the sump is open.
PTX06-EW-88	11/29/2016	Bennett pump service	282.90	304			288.0				Installed portable tubing bundle and Bennett pump in support of SRS GW sampling. Sample intake set 5' below top of water. All water has been purged out of tubing so no 2.5 gallon purge to clear tubing bundle is necessary. Pulled portable tubing bundle and Bennett pump out of well after sampling completed.
PTX06-1183	11/30/2016	Bennett pump service	279.80	290			284.8		16-28 P&T	3	Installed portable tubing bundle and Bennett pump in support of GW sampling activities. Sample intake is set @ 5' below top of water.Purged 3 gallons of water to clear water from previous well. Pulled portable tubing bundle and Bennett pump out of well after sampling activities completed. Returned to Kilgore with the maintenance trailer, pumped 6 gallons of DI water through portable tubing bundle then evacuated water out of tubing bundle water line to winterize bundle.
PTX06-1071	11/30/2016	Bennett pump service	224.10	254			229.1		16-28 P&T	3	Installed portable tubing bundle and Bennett pump in support of GW sampling activities. Sample intake is set @ 5' below top of water.Purged 3 gallons of water to clear water from previous well. Pulled portable tubing bundle and Bennett pump out of well after sampling activities completed.
PTX06-1013	12/12/2016	Bennett pump							16-28		Installed dedicated tubing bundle,

Location	Work Date	Activity	Water Level Measurement[1] (ft btoc)	Total Depth Measurement[1] (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth[2] (ft btoc)	Aquifer	Purge Water	Purge Volume (gals)	Comments
		service							P&T		Bennett pump and drop tube in well. Pumped 2 gallons of water from the well. Pumping good.
PTX07-1Q01	12/12/2016	Bennett pump service							16-28 P&T	2	Installed dedicated tubing bundle, Bennett pump and drop tube in well. Pumped 2 gallons of water from the well. Pumping good.
PTX06-1157	12/13/2016	Bennett pump service	398.40	527							Pulled dedicated tubing bundle, Bennett pump and drop tube with a lower diverter attached to the pump. Today's activities are in prep for well redevelopment per WMP.
PTX06-1157	12/14/2016	Re-development	398.40	527					16-28 P&T	90	Well redevelopment per WMP. Conducted tailgate safety briefing and rig/location checks. Rigged up Smeal and ran surge block in well. Surged top ~ 50' of screen below top of water. Bailing light brown colored water and sand.

btoc – below top of casing

[1]Water level and total depth measurements are required only once during a well maintenance event, although daily measurements were collected during some maintenance activities. Total well depths are only required when all equipment is removed from the well.

[2]Pump intake depth measurements are necessary only when the depths are reset.

Table C-2. Depth to Water, Total Depth Measurements, and Groundwater Elevations

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
1114-MW4	P	5/24/2016	274.20	3276.53		
1114-MW4	P	6/23/2016	274.70	3276.03		
1114-MW4	P	11/15/2016	274.30	3276.43		
1114-MW4	P	12/6/2016	274.30	3276.43		
OW-WR-38	P	4/27/2016	219.90	3302.04		
OW-WR-38	P	6/23/2016	220.40	3301.54		
OW-WR-38	P	12/5/2016	222.10	3299.84		
OW-WR-45	P	6/23/2016	266.10	3281.00		
OW-WR-45	P	12/8/2016	266.30	3280.80		
PTX01-1001	P	6/21/2016	289.30	3279.86		
PTX01-1001	P	6/23/2016	289.10	3280.06		
PTX01-1001	P	10/26/2016	289.10	3280.06		
PTX01-1001	P	12/5/2016	288.70	3280.46		
PTX01-1002	P	7/28/2016	263.80	3299.47		
PTX01-1002	P	7/28/2016	263.80	3299.47		
PTX01-1002	P	12/5/2016	262.80	3300.47		
PTX01-1004	P	6/23/2016	Dry			
PTX01-1004	P	12/5/2016	Dry			
PTX01-1006	P	6/23/2016	Dry			
PTX01-1006	P	12/5/2016	Dry			
PTX01-1007	P	6/23/2016	Dry			
PTX01-1007	P	12/5/2016	Dry			
PTX01-1008	P	6/21/2016	276.30	3294.48		
PTX01-1008	P	6/23/2016	276.10	3294.68		
PTX01-1008	P	10/26/2016	274.90	3295.88		
PTX01-1008	P	12/5/2016	274.40	3296.38		
PTX01-1009	P	6/27/2016	Dry			
PTX01-1009	P	12/5/2016	Dry			
PTX01-1010	O	1/20/2016	501.80	3074.35		
PTX01-1010	O	6/23/2016	508.50	3067.65		
PTX01-1010	O	9/6/2016	504.70	3071.45		
PTX01-1010	O	12/5/2016	503.00	3073.15		
PTX01-1011	O	1/20/2016	498.60	3076.47		
PTX01-1011	O	6/23/2016	499.20	3075.87		
PTX01-1011	O	8/3/2016	500.70	3074.37		
PTX01-1011	O	10/31/2016	500.30	3074.77		
PTX01-1011	O	12/5/2016	499.60	3075.47		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX01-1012	O	1/25/2016	512.60	3062.16		
PTX01-1012	O	6/23/2016	520.30	3054.46		
PTX01-1012	O	9/6/2016	517.30	3057.46		
PTX01-1012	O	12/5/2016	514.40	3060.36		
PTX01-1013	O	1/25/2016	509.00	3075.30		
PTX01-1013	O	6/23/2016	515.00	3069.30		
PTX01-1013	O	8/1/2016	518.50	3065.80		
PTX01-1013	O	12/5/2016	510.70	3073.60		
PTX01-1014A	P	6/23/2016	Dry			
PTX01-1014A	P	12/5/2016	Dry			
PTX04-1001	P	4/25/2016	220.60	3307.18		
PTX04-1001	P	6/23/2016	220.50	3307.28		
PTX04-1001	P	12/5/2016	220.50	3307.28		
PTX04-1002	P	4/25/2016	224.30	3306.95		
PTX04-1002	P	6/23/2016	224.20	3307.05		
PTX04-1002	P	12/5/2016	224.10	3307.15		
PTX06-1001A	P	6/23/2016	262.40	3279.46		
PTX06-1001A	P	12/5/2016	Dry			
PTX06-1002A	P	1/18/2016	262.40	3278.98		
PTX06-1002A	P	6/23/2016	261.90	3279.48		
PTX06-1002A	P	8/2/2016	261.80	3279.58		
PTX06-1002A	P	12/5/2016	261.60	3279.78		
PTX06-1003	P	5/2/2016	Dry	3274.82	265.00	3274.82
PTX06-1003	P	6/23/2016	Dry			
PTX06-1003	P	12/5/2016	Dry			
PTX06-1005	P	1/18/2016	279.90	3258.01		
PTX06-1005	P	6/23/2016	279.40	3258.51		
PTX06-1005	P	8/11/2016	280.20	3257.71		
PTX06-1005	P	9/28/2016	280.40	3257.51		
PTX06-1005	P	9/28/2016	280.40	3257.51		
PTX06-1005	P	12/5/2016	280.60	3257.31		
PTX06-1006	P	6/22/2016	269.60	3275.32		
PTX06-1006	P	6/27/2016	269.60	3275.32		
PTX06-1006	P	12/6/2016	269.60	3275.32		
PTX06-1007	P	6/13/2016	270.10	3276.60		
PTX06-1007	P	6/23/2016	270.10	3276.60		
PTX06-1007	P	12/6/2016	270.40	3276.30		
PTX06-1008	P	6/23/2016	270.60	3278.58		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1008	P	6/27/2016	270.60	3278.58		
PTX06-1008	P	12/8/2016	270.70	3278.48		
PTX06-1009	P	6/23/2016	Dry			
PTX06-1009	P	12/6/2016	Dry			
PTX06-1010	P	6/22/2016	259.30	3286.86		
PTX06-1010	P	6/27/2016	259.30	3286.86		
PTX06-1010	P	9/21/2016	259.40	3286.76		
PTX06-1010	P	9/21/2016	259.40	3286.76		
PTX06-1010	P	9/21/2016	259.40	3286.76		
PTX06-1010	P	12/6/2016	259.40	3286.76		
PTX06-1011	P	6/8/2016	275.80	3269.57		
PTX06-1011	P	6/27/2016	275.90	3269.47		
PTX06-1011	P	12/6/2016	276.50	3268.87		
PTX06-1012	P	2/2/2016	269.60	3271.26		
PTX06-1012	P	4/27/2016	269.65	3271.21		
PTX06-1012	P	6/28/2016	269.33	3271.53		
PTX06-1012	P	7/20/2016	269.28	3271.58		
PTX06-1012	P	10/31/2016	269.40	3271.46		
PTX06-1012	P	12/5/2016	269.30	3271.56		
PTX06-1013	P	4/26/2016	249.00	3295.24		
PTX06-1013	P	6/23/2016	249.00	3295.24		
PTX06-1013	P	12/5/2016	249.00	3295.24		
PTX06-1014	P	1/13/2016	277.30	3255.84		
PTX06-1014	P	6/27/2016	277.90	3255.24		
PTX06-1014	P	7/19/2016	277.90	3255.24		
PTX06-1014	P	9/21/2016	278.00	3255.14		
PTX06-1014	P	9/21/2016	278.00	3255.14		
PTX06-1014	P	12/5/2016	277.80	3255.34		
PTX06-1015	P	2/11/2016	284.00	3246.10		
PTX06-1015	P	6/27/2016	284.20	3245.90		
PTX06-1015	P	8/10/2016	284.10	3246.00		
PTX06-1015	P	12/6/2016	284.40	3245.70		
PTX06-1017	P	6/27/2016	277.30	3256.36		
PTX06-1017	P	12/5/2016	279.40	3254.26		
PTX06-1023	P	1/28/2016	246.70	3297.73		
PTX06-1023	P	6/23/2016	246.70	3297.73		
PTX06-1023	P	8/16/2016	246.80	3297.63		
PTX06-1023	P	12/5/2016	246.70	3297.73		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1030	P	5/23/2016	282.80	3249.62		
PTX06-1030	P	6/23/2016	282.90	3249.52		
PTX06-1030	P	10/24/2016	283.00	3249.42		
PTX06-1030	P	12/6/2016	283.20	3249.22		
PTX06-1031	P	5/23/2016	282.40	3246.13		
PTX06-1031	P	6/23/2016	282.60	3245.93		
PTX06-1031	P	10/24/2016	282.90	3245.63		
PTX06-1031	P	12/6/2016	283.00	3245.53		
PTX06-1033	O	5/10/2016	450.00	3091.28		
PTX06-1033	O	6/23/2016	450.70	3090.58		
PTX06-1033	O	10/11/2016	450.80	3090.48		
PTX06-1033	O	12/5/2016	450.60	3090.68		
PTX06-1034	P	2/2/2016	282.70	3242.22		
PTX06-1034	P	2/2/2016	282.70	3242.22		
PTX06-1034	P	6/23/2016	282.50	3242.42		
PTX06-1034	P	8/17/2016	282.60	3242.32		
PTX06-1034	P	12/5/2016	282.50	3242.42		
PTX06-1035	P	2/2/2016	271.50	3270.19		
PTX06-1035	P	2/2/2016	271.50	3270.19		
PTX06-1035	P	6/23/2016	272.80	3268.89		
PTX06-1035	P	8/10/2016	271.40	3270.29		
PTX06-1035	P	12/5/2016	271.10	3270.59		
PTX06-1036	P	6/27/2016	283.50	3251.11		
PTX06-1036	P	7/19/2016	283.10	3251.51		
PTX06-1036	P	12/6/2016	285.40	3249.21		
PTX06-1037	P	2/8/2016	279.87	3248.48		
PTX06-1037	P	5/10/2016	279.94	3248.41		
PTX06-1037	P	6/27/2016	280.90	3247.45		
PTX06-1037	P	7/19/2016	280.04	3248.31		
PTX06-1037	P	11/2/2016	279.92	3248.43		
PTX06-1037	P	12/5/2016	279.83	3248.52		
PTX06-1038	P	2/2/2016	266.30	3275.99		
PTX06-1038	P	2/2/2016	266.30	3275.99		
PTX06-1038	P	6/23/2016	266.90	3275.39		
PTX06-1038	P	8/8/2016	266.50	3275.79		
PTX06-1038	P	12/5/2016	266.60	3275.69		
PTX06-1038	P	12/20/2016	266.60	3275.69		
PTX06-1039A	P	2/3/2016	273.40	3267.31		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1039A	P	6/23/2016	273.50	3267.21		
PTX06-1039A	P	8/8/2016	273.60	3267.11		
PTX06-1039A	P	12/5/2016	273.60	3267.11		
PTX06-1039A	P	12/20/2016	274.00	3266.71		
PTX06-1040	P	2/3/2016	278.70	3260.96		
PTX06-1040	P	6/23/2016	279.00	3260.66		
PTX06-1040	P	8/8/2016	279.70	3259.96		
PTX06-1040	P	12/5/2016	279.50	3260.16		
PTX06-1041	P	2/3/2016	278.70	3260.06		
PTX06-1041	P	6/23/2016	278.80	3259.96		
PTX06-1041	P	8/8/2016	279.20	3259.56		
PTX06-1041	P	12/5/2016	280.00	3258.76		
PTX06-1041	P	12/20/2016	280.10	3258.66		
PTX06-1042	P	1/28/2016	278.30	3257.07		
PTX06-1042	P	6/27/2016	278.60	3256.77		
PTX06-1042	P	8/8/2016	278.30	3257.07		
PTX06-1042	P	12/5/2016	278.20	3257.17		
PTX06-1042	P	12/20/2016	278.90	3256.47		
PTX06-1043	O	1/25/2016	449.00	3075.64		
PTX06-1043	O	6/23/2016	450.00	3074.64		
PTX06-1043	O	8/16/2016	451.30	3073.34		
PTX06-1043	O	12/5/2016	450.00	3074.64		
PTX06-1044	O	6/22/2016	495.70	3048.81		
PTX06-1044	O	6/23/2016	495.70	3048.81		
PTX06-1044	O	10/12/2016	497.00	3047.51		
PTX06-1044	O	12/5/2016	496.80	3047.71		
PTX06-1045	P	2/8/2016	Dry			
PTX06-1045	P	5/10/2016	Dry			
PTX06-1045	P	6/27/2016	Dry			
PTX06-1045	P	7/19/2016	Dry			
PTX06-1045	P	12/5/2016	Dry			
PTX06-1045	P	12/5/2016	Dry			
PTX06-1046	P	1/27/2016	281.70	3244.83		
PTX06-1046	P	6/27/2016	281.90	3244.63		
PTX06-1046	P	8/10/2016	281.90	3244.63		
PTX06-1046	P	12/5/2016	282.00	3244.53		
PTX06-1047A	P	1/27/2016	279.70	3245.26		
PTX06-1047A	P	6/27/2016	279.70	3245.26		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1047A	P	8/10/2016	280.20	3244.76		
PTX06-1047A	P	12/5/2016	280.20	3244.76		
PTX06-1048A	P	4/26/2016	237.50	3303.04		
PTX06-1048A	P	4/27/2016	237.50	3303.04		
PTX06-1048A	P	6/23/2016	237.50	3303.04		
PTX06-1048A	P	12/5/2016	237.50	3303.04		
PTX06-1049	P	6/20/2016	275.20	3281.38		
PTX06-1049	P	6/27/2016	275.00	3281.58		
PTX06-1049	P	10/26/2016	275.00	3281.58		
PTX06-1049	P	12/5/2016	274.50	3282.08		
PTX06-1050	P	4/27/2016	260.70	3293.68		
PTX06-1050	P	6/27/2016	260.80	3293.58		
PTX06-1050	P	11/15/2016	260.60	3293.78		
PTX06-1050	P	12/6/2016	260.60	3293.78		
PTX06-1051	P	6/27/2016	295.00	3237.29		
PTX06-1051	P	12/6/2016	293.60	3238.69		
PTX06-1052	P	2/8/2016	278.10	3258.90		
PTX06-1052	P	6/27/2016	277.70	3259.30		
PTX06-1052	P	8/11/2016	277.60	3259.40		
PTX06-1052	P	12/6/2016	278.00	3259.00		
PTX06-1053	P	5/9/2016	249.00	3270.84		
PTX06-1053	P	6/27/2016	249.20	3270.64		
PTX06-1053	P	11/1/2016	249.40	3270.44		
PTX06-1053	P	12/6/2016	249.50	3270.34		
PTX06-1055	P	6/27/2016	Dry			
PTX06-1055	P	12/5/2016	Dry			
PTX06-1056	O	1/19/2016	398.40	3134.56		
PTX06-1056	O	4/12/2016	398.70	3134.26		
PTX06-1056	O	6/27/2016	398.80	3134.16		
PTX06-1056	O	7/19/2016	398.80	3134.16		
PTX06-1056	O	10/11/2016	398.80	3134.16		
PTX06-1056	O	12/6/2016	399.00	3133.96		
PTX06-1057A	O	4/12/2016	470.10	3097.00		
PTX06-1057A	O	6/27/2016	470.30	3096.80		
PTX06-1057A	O	12/5/2016	470.50	3096.60		
PTX06-1058	O	6/27/2016	402.90	3165.65		
PTX06-1058	O	7/18/2016	403.00	3165.55		
PTX06-1058	O	12/6/2016	402.90	3165.65		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1059	O	6/27/2016	417.40	3130.63		
PTX06-1059	O	7/18/2016	417.60	3130.43		
PTX06-1059	O	12/6/2016	417.70	3130.33		
PTX06-1060	O	2/15/2016	359.40	3213.36		
PTX06-1060	O	2/15/2016	359.40	3213.36		
PTX06-1060	O	4/11/2016	359.40	3213.36		
PTX06-1060	O	6/23/2016	359.40	3213.36		
PTX06-1060	O	12/5/2016	358.80	3213.96		
PTX06-1061	O	2/15/2016	503.60	3088.34		
PTX06-1061	O	2/15/2016	503.60	3088.34		
PTX06-1061	O	4/11/2016	503.10	3088.84		
PTX06-1061	O	6/23/2016	505.40	3086.54		
PTX06-1061	O	9/20/2016	506.60	3085.34		
PTX06-1061	O	9/20/2016	506.60	3085.34		
PTX06-1061	O	12/5/2016	505.20	3086.74		
PTX06-1062A	O	2/1/2016	506.20	3067.76		
PTX06-1062A	O	6/23/2016	507.90	3066.06		
PTX06-1062A	O	8/3/2016	509.90	3064.06		
PTX06-1062A	O	10/31/2016	508.20	3065.76		
PTX06-1062A	O	12/5/2016	507.50	3066.46		
PTX06-1064	O	2/10/2016	512.60	3052.03		
PTX06-1064	O	6/23/2016	513.80	3050.83		
PTX06-1064	O	11/29/2016	514.00	3050.63		
PTX06-1064	O	12/5/2016	514.00	3050.63		
PTX06-1068	O	6/22/2016	522.80	3015.91		
PTX06-1068	O	6/23/2016	522.80	3015.91		
PTX06-1068	O	10/12/2016	523.40	3015.31		
PTX06-1068	O	12/5/2016	523.00	3015.71		
PTX06-1069	P	6/23/2016	252.80	3280.21		
PTX06-1069	P	7/20/2016	252.90	3280.11		
PTX06-1069	P	12/5/2016	252.60	3280.41		
PTX06-1071	P	6/23/2016	223.60	3307.55		
PTX06-1071	P	11/30/2016	224.10	3307.05	254.00	3277.15
PTX06-1071	P	12/5/2016	223.50	3307.65		
PTX06-1072	O	2/10/2016	418.10	3133.70		
PTX06-1072	O	7/14/2016	418.10	3133.70		
PTX06-1072	O	8/3/2016	418.30	3133.50		
PTX06-1073A	P	5/2/2016	277.80	3272.75		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1073A	P	6/23/2016	277.90	3272.65		
PTX06-1073A	P	12/1/2016	278.00	3272.55		
PTX06-1073A	P	12/6/2016	277.80	3272.75		
PTX06-1074	O	2/15/2016	426.10	3152.33		
PTX06-1074	O	2/15/2016	426.10	3152.33		
PTX06-1074	O	4/11/2016	426.10	3152.33		
PTX06-1074	O	6/23/2016	426.50	3151.93		
PTX06-1074	O	12/5/2016	426.50	3151.93		
PTX06-1075	O	6/23/2016	354.10	3194.36		
PTX06-1075	O	7/18/2016	352.70	3195.76		
PTX06-1075	O	12/5/2016	352.30	3196.16		
PTX06-1076	O	5/10/2016	347.60	3182.76		
PTX06-1076	O	6/27/2016	348.00	3182.36		
PTX06-1076	O	10/11/2016	347.30	3183.06		
PTX06-1076	O	12/6/2016	347.50	3182.86		
PTX06-1077A	P	6/23/2016	270.30	3279.15		
PTX06-1077A	P	8/2/2016	270.30	3279.15		
PTX06-1077A	P	12/6/2016	270.50	3278.95		
PTX06-1078	P	6/23/2016	Dry			
PTX06-1078	P	12/5/2016	Dry			
PTX06-1079	P	6/23/2016	Dry			
PTX06-1079	P	12/5/2016	Dry			
PTX06-1080	P	6/23/2016	272.00	3264.24		
PTX06-1080	P	7/25/2016	272.20	3264.04		
PTX06-1080	P	12/5/2016	272.20	3264.04		
PTX06-1081	P	6/23/2016	228.20	3305.25		
PTX06-1081	P	7/25/2016	228.20	3305.25		
PTX06-1081	P	12/5/2016	227.70	3305.75		
PTX06-1082	P	6/23/2016	175.10	3293.81		
PTX06-1082	P	7/20/2016	175.10	3293.81		
PTX06-1082	P	9/13/2016	174.90	3294.01		
PTX06-1082	P	12/5/2016	174.70	3294.21		
PTX06-1083	P	6/23/2016	180.00	3288.19		
PTX06-1083	P	7/20/2016	180.10	3288.09		
PTX06-1083	P	9/13/2016	180.00	3288.19		
PTX06-1083	P	12/5/2016	179.70	3288.49		
PTX06-1084	P	6/23/2016	216.90	3262.77		
PTX06-1084	P	12/5/2016	213.00	3266.67		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1085	P	4/13/2016	258.10	3275.70		
PTX06-1085	P	6/27/2016	258.10	3275.70		
PTX06-1085	P	12/6/2016	258.60	3275.20		
PTX06-1086	P	4/13/2016	250.20	3275.76		
PTX06-1086	P	6/27/2016	250.30	3275.66		
PTX06-1086	P	12/6/2016	250.50	3275.46		
PTX06-1087	P	6/27/2016	252.90	3281.16		
PTX06-1087	P	12/6/2016	253.40	3280.66		
PTX06-1088	P	6/8/2016	277.00	3266.91		
PTX06-1088	P	6/27/2016	277.00	3266.91		
PTX06-1088	P	9/21/2016	277.30	3266.61		
PTX06-1088	P	12/6/2016	277.70	3266.21		
PTX06-1089	P	6/28/2016	272.30	3263.16		
PTX06-1089	P	12/5/2016	272.30	3263.16		
PTX06-1090	P	6/28/2016	Dry			
PTX06-1090	P	12/5/2016	Dry			
PTX06-1091	P	6/23/2016	Dry			
PTX06-1091	P	12/5/2016	Dry			
PTX06-1093	P	6/28/2016	Dry			
PTX06-1093	P	12/5/2016	Dry			
PTX06-1094	P	6/27/2016	Dry			
PTX06-1094	P	12/5/2016	Dry			
PTX06-1095A	P	2/11/2016	277.50	3258.23		
PTX06-1095A	P	6/23/2016	277.90	3257.83		
PTX06-1095A	P	8/2/2016	278.20	3257.53		
PTX06-1095A	P	11/17/2016	278.40	3257.33		
PTX06-1095A	P	12/5/2016	278.30	3257.43		
PTX06-1096A	P	6/27/2016	Dry			
PTX06-1096A	P	12/5/2016	Dry			
PTX06-1097	P	6/27/2016	Dry			
PTX06-1097	P	12/5/2016	Dry			
PTX06-1098	P	5/11/2016	278.60	3255.79		
PTX06-1098	P	6/27/2016	278.62	3255.77		
PTX06-1098	P	11/3/2016	278.95	3255.44		
PTX06-1098	P	12/5/2016	278.78	3255.61		
PTX06-1100	P	6/27/2016	279.19	3255.44		
PTX06-1100	P	8/16/2016	279.00	3255.63		
PTX06-1100	P	12/5/2016	279.20	3255.43		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1101	P	6/27/2016	278.40	3255.15		
PTX06-1101	P	8/16/2016	278.42	3255.13		
PTX06-1101	P	12/5/2016	278.40	3255.15		
PTX06-1102	P	6/27/2016	287.70	3247.22		
PTX06-1102	P	8/11/2016	Dry			
PTX06-1102	P	12/6/2016	287.80	3247.12		
PTX06-1103	P	2/8/2016	Dry			
PTX06-1103	P	6/27/2016	Dry			
PTX06-1103	P	8/11/2016	Dry		282.50	3248.33
PTX06-1103	P	12/6/2016	Dry			
PTX06-1104	P	6/27/2016	Dry			
PTX06-1104	P	12/5/2016	Dry			
PTX06-1105	P	6/27/2016	281.37	3251.58		
PTX06-1105	P	12/5/2016	Dry			
PTX06-1106	P	6/27/2016	281.58	3251.00		
PTX06-1106	P	12/5/2016	281.95	3250.63		
PTX06-1107	P	6/27/2016	281.43	3251.20		
PTX06-1107	P	12/5/2016	281.74	3250.89		
PTX06-1109	P	6/28/2016	232.40	3286.92		
PTX06-1109	P	12/5/2016	232.80	3286.52		
PTX06-1110	P	6/28/2016	236.40	3285.13		
PTX06-1110	P	12/5/2016	236.00	3285.53		
PTX06-1112	P	6/23/2016	248.10	3295.37		
PTX06-1112	P	12/5/2016	247.60	3295.87		
PTX06-1113	P	6/23/2016	251.40	3294.07		
PTX06-1113	P	12/5/2016	250.30	3295.17		
PTX06-1115	P	6/28/2016	236.20	3292.98		
PTX06-1115	P	12/5/2016	236.90	3292.28		
PTX06-1116	P	6/28/2016	238.20	3291.96		
PTX06-1116	P	12/5/2016	238.40	3291.76		
PTX06-1117	P	6/28/2016	237.90	3293.13		
PTX06-1118	P	2/8/2016	Dry			
PTX06-1118	P	5/10/2016	Dry			
PTX06-1118	P	6/27/2016	Dry			
PTX06-1118	P	7/19/2016	Dry			
PTX06-1118	P	11/7/2016	Dry			
PTX06-1118	P	12/5/2016	Dry			
PTX06-1119	P	6/27/2016	Dry			

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1119	P	12/5/2016	Dry			
PTX06-1120	P	5/9/2016	279.80	3247.78		
PTX06-1120	P	6/27/2016	279.90	3247.68		
PTX06-1120	P	11/16/2016	280.00	3247.58		
PTX06-1120	P	12/5/2016	280.00	3247.58		
PTX06-1121	P	5/9/2016	279.70	3246.83		
PTX06-1121	P	6/27/2016	279.80	3246.73		
PTX06-1121	P	11/16/2016	279.80	3246.73	280.00	3246.53
PTX06-1121	P	12/5/2016	279.90	3246.63		
PTX06-1122	P	12/6/2016	Dry			
PTX06-1123	P	2/8/2016	279.68	3249.35		
PTX06-1123	P	5/10/2016	279.76	3249.27		
PTX06-1123	P	6/27/2016	279.81	3249.22		
PTX06-1123	P	7/19/2016	279.81	3249.22		
PTX06-1123	P	11/7/2016	279.46	3249.57		
PTX06-1123	P	12/5/2016	279.46	3249.57		
PTX06-1124	P	6/27/2016	Dry			
PTX06-1125	P	6/27/2016	Dry			
PTX06-1125	P	12/5/2016	Dry			
PTX06-1126	P	5/11/2016	268.90	3273.55		
PTX06-1126	P	6/23/2016	269.10	3273.35		
PTX06-1126	P	11/3/2016	268.80	3273.65		
PTX06-1126	P	12/5/2016	268.60	3273.85		
PTX06-1127	P	5/11/2016	265.00	3273.60		
PTX06-1127	P	6/23/2016	265.00	3273.60		
PTX06-1127	P	11/3/2016	265.10	3273.50		
PTX06-1127	P	12/5/2016	264.80	3273.80		
PTX06-1128	P	6/23/2016	229.40	3292.56		
PTX06-1128	P	12/5/2016	229.30	3292.66		
PTX06-1129	P	6/28/2016	233.20	3289.34		
PTX06-1129	P	12/5/2016	232.90	3289.64		
PTX06-1130	P	2/10/2016	Dry			
PTX06-1130	P	6/28/2016	Dry			
PTX06-1130	P	8/8/2016	Dry			
PTX06-1130	P	12/5/2016	Dry			
PTX06-1131	P	4/13/2016	280.50	3268.87		
PTX06-1131	P	6/23/2016	280.70	3268.67		
PTX06-1131	P	12/5/2016	280.50	3268.87		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1133A	P	5/23/2016	276.70	3243.95		
PTX06-1133A	P	6/23/2016	276.70	3243.95		
PTX06-1133A	P	11/16/2016	277.60	3243.05		
PTX06-1133A	P	12/5/2016	276.90	3243.75		
PTX06-1134	P	5/11/2016	267.40	3270.79		
PTX06-1134	P	6/28/2016	267.40	3270.79		
PTX06-1134	P	11/1/2016	267.20	3270.99		
PTX06-1134	P	12/6/2016	267.30	3270.89		
PTX06-1135	P	5/9/2016	273.10	3262.43		
PTX06-1135	P	6/27/2016	273.40	3262.13		
PTX06-1135	P	11/1/2016	273.30	3262.23		
PTX06-1135	P	12/6/2016	273.40	3262.13		
PTX06-1136	P	6/20/2016	282.90	3276.52		
PTX06-1136	P	6/27/2016	282.80	3276.62		
PTX06-1136	P	12/5/2016	283.00	3276.42		
PTX06-1137A	O	4/12/2016	472.00	3057.61		
PTX06-1137A	O	6/28/2016	472.10	3057.51		
PTX06-1137A	O	10/25/2016	472.60	3057.01		
PTX06-1137A	O	12/5/2016	472.10	3057.51		
PTX06-1138	O	6/13/2016	465.40	3071.30		
PTX06-1138	O	6/23/2016	465.40	3071.30		
PTX06-1138	O	10/25/2016	465.90	3070.80		
PTX06-1138	O	12/5/2016	465.50	3071.20		
PTX06-1139	O	2/1/2016	440.10	3091.63		
PTX06-1139	O	6/23/2016	440.30	3091.43		
PTX06-1139	O	8/17/2016	440.50	3091.23		
PTX06-1139	O	12/5/2016	440.30	3091.43		
PTX06-1140	O	6/13/2016	489.30	3040.09		
PTX06-1140	O	6/23/2016	489.30	3040.09		
PTX06-1140	O	9/20/2016	490.50	3038.89		
PTX06-1140	O	9/20/2016	490.50	3038.89		
PTX06-1140	O	9/20/2016	490.50	3038.89		
PTX06-1140	O	12/5/2016	490.30	3039.09		
PTX06-1141	O	6/21/2016	480.00	3082.73		
PTX06-1141	O	6/27/2016	480.00	3082.73		
PTX06-1141	O	10/31/2016	479.90	3082.83		
PTX06-1141	O	12/5/2016	480.00	3082.73		
PTX06-1143	O	6/20/2016	496.00	3051.94		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1143	O	6/23/2016	496.00	3051.94		
PTX06-1143	O	10/25/2016	496.80	3051.14		
PTX06-1143	O	12/5/2016	495.80	3052.14		
PTX06-1144	O	6/21/2016	493.70	3034.88		
PTX06-1144	O	6/23/2016	493.70	3034.88		
PTX06-1144	O	9/20/2016	493.70	3034.88		
PTX06-1144	O	9/20/2016	493.70	3034.88		
PTX06-1144	O	9/20/2016	493.70	3034.88		
PTX06-1144	O	12/5/2016	493.50	3035.08		
PTX06-1146	P	1/26/2016	275.90	3260.19		
PTX06-1146	P	6/28/2016	275.30	3260.79		
PTX06-1146	P	8/17/2016	275.30	3260.79		
PTX06-1146	P	12/5/2016	275.20	3260.89		
PTX06-1147	P	5/23/2016	283.00	3246.75		
PTX06-1147	P	6/23/2016	283.10	3246.65		
PTX06-1147	P	10/24/2016	283.40	3246.35		
PTX06-1147	P	12/6/2016	283.70	3246.05		
PTX06-1148	P	1/13/2016	254.68	3271.44		
PTX06-1148	P	5/9/2016	254.40	3271.72		
PTX06-1148	P	6/27/2016	254.54	3271.58		
PTX06-1148	P	7/25/2016	254.53	3271.59		
PTX06-1148	P	11/1/2016	254.62	3271.50		
PTX06-1148	P	12/5/2016	254.45	3271.67		
PTX06-1149	P	1/13/2016	259.31	3272.14		
PTX06-1149	P	5/9/2016	259.05	3272.40		
PTX06-1149	P	6/27/2016	259.21	3272.24		
PTX06-1149	P	7/25/2016	259.17	3272.28		
PTX06-1149	P	11/1/2016	259.20	3272.25		
PTX06-1149	P	12/5/2016	258.95	3272.50		
PTX06-1150	P	1/13/2016	261.75	3272.24		
PTX06-1150	P	5/9/2016	261.55	3272.44		
PTX06-1150	P	6/27/2016	261.65	3272.34		
PTX06-1150	P	7/25/2016	261.59	3272.40		
PTX06-1150	P	11/1/2016	261.70	3272.29		
PTX06-1150	P	12/5/2016	261.35	3272.64		
PTX06-1151	P	2/9/2016	274.90	3271.78		
PTX06-1151	P	6/23/2016	274.20	3272.48		
PTX06-1151	P	8/15/2016	273.80	3272.88		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1151	P	12/6/2016	274.20	3272.48		
PTX06-1153	P	2/3/2016	280.50	3248.79		
PTX06-1153	P	5/10/2016	280.55	3248.74		
PTX06-1153	P	6/27/2016	281.45	3247.84		
PTX06-1153	P	7/19/2016	280.55	3248.74		
PTX06-1153	P	11/2/2016	280.60	3248.69		
PTX06-1153	P	12/5/2016	280.39	3248.90		
PTX06-1154	P	2/3/2016	279.07	3249.07		
PTX06-1154	P	5/10/2016	279.10	3249.04		
PTX06-1154	P	6/27/2016	280.11	3248.03		
PTX06-1154	P	7/19/2016	279.21	3248.93		
PTX06-1154	P	11/2/2016	278.85	3249.29		
PTX06-1154	P	12/5/2016	278.86	3249.28		
PTX06-1155	P	1/12/2016	269.49	3270.59		
PTX06-1155	P	4/27/2016	269.45	3270.63		
PTX06-1155	P	6/28/2016	269.10	3270.98		
PTX06-1155	P	7/20/2016	269.10	3270.98		
PTX06-1155	P	10/31/2016	269.10	3270.98		
PTX06-1155	P	12/5/2016	269.03	3271.05		
PTX06-1156	P	1/11/2016	256.83	3270.71		
PTX06-1156	P	4/27/2016	256.59	3270.95		
PTX06-1156	P	6/28/2016	256.78	3270.76		
PTX06-1156	P	7/20/2016	256.72	3270.82		
PTX06-1156	P	10/31/2016	256.70	3270.84		
PTX06-1156	P	12/5/2016	256.59	3270.95		
PTX06-1157	O	6/20/2016	398.50	3127.45		
PTX06-1157	O	6/23/2016	398.50	3127.45		
PTX06-1157	O	6/29/2016	398.30	3127.65		
PTX06-1157	O	10/31/2016	398.10	3127.85		
PTX06-1157	O	12/5/2016	397.80	3128.15		
PTX06-1158	P	5/4/2016	Dry		285.00	3235.21
PTX06-1158	P	6/23/2016	Dry			
PTX06-1158	P	12/1/2016	Dry		285.00	3235.21
PTX06-1158	P	12/5/2016	Dry			
PTX06-1159	P	1/26/2016	270.70	3271.17		
PTX06-1159	P	6/23/2016	270.90	3270.97		
PTX06-1159	P	8/10/2016	270.20	3271.67		
PTX06-1159	P	12/5/2016	270.00	3271.87		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1160	P	1/26/2016	275.20	3271.39		
PTX06-1160	P	6/23/2016	274.80	3271.79		
PTX06-1160	P	8/10/2016	274.50	3272.09		
PTX06-1160	P	12/5/2016	274.10	3272.49		
PTX06-1164	P	1/4/2016	273.10	3272.28		
PTX06-1164	P	1/14/2016	272.96	3272.42		
PTX06-1164	P	2/24/2016	273.30	3272.08		
PTX06-1164	P	4/25/2016	273.22	3272.16		
PTX06-1164	P	6/28/2016	273.23	3272.15		
PTX06-1164	P	7/26/2016	272.56	3272.82		
PTX06-1164	P	10/25/2016	272.97	3272.41		
PTX06-1164	P	12/5/2016	272.79	3272.59		
PTX06-1166	P	1/27/2016	281.00	3252.46		
PTX06-1166	P	1/27/2016	281.00	3252.46		
PTX06-1166	P	6/28/2016	281.20	3252.26		
PTX06-1166	P	8/11/2016	281.10	3252.36		
PTX06-1166	P	12/6/2016	281.30	3252.16		
PTX06-1167	P	2/8/2016	Dry		282.00	3247.82
PTX06-1167	P	6/27/2016	Dry			
PTX06-1167	P	8/11/2016	Dry		282.50	3247.32
PTX06-1167	P	12/6/2016	Dry			
PTX06-1168	P	1/4/2016	277.50	3256.19		
PTX06-1168	P	7/15/2016	278.30	3255.39		
PTX06-1168	P	12/5/2016	279.10	3254.59		
PTX06-1169	P	1/4/2016	267.30	3272.42		
PTX06-1169	P	2/22/2016	267.30	3272.42		
PTX06-1169	P	2/24/2016	267.30	3272.42		
PTX06-1169	P	3/28/2016	267.30	3272.42		
PTX06-1170	P	1/14/2016	270.07	3272.67		
PTX06-1170	P	2/22/2016	270.30	3272.44		
PTX06-1170	P	3/28/2016	270.30	3272.44		
PTX06-1170	P	4/20/2016	270.43	3272.31		
PTX06-1170	P	6/28/2016	269.94	3272.80		
PTX06-1170	P	7/27/2016	270.03	3272.71		
PTX06-1170	P	10/24/2016	270.30	3272.44		
PTX06-1170	P	12/5/2016	269.97	3272.77		
PTX06-1171	P	1/4/2016	271.70	3272.84		
PTX06-1171	P	5/25/2016	271.70	3272.84		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1171	P	7/1/2016	271.60	3272.94		
PTX06-1171	P	12/5/2016	270.90	3273.64		
PTX06-1173	P	6/8/2016	271.08	3271.89		
PTX06-1174	P	6/8/2016	272.45	3271.84		
PTX06-1175	P	6/8/2016	273.95	3271.34		
PTX06-1176	P	1/4/2016	272.00	3272.15		
PTX06-1176	P	1/18/2016	272.26	3271.89		
PTX06-1176	P	2/24/2016	272.30	3271.85		
PTX06-1176	P	4/21/2016	272.32	3271.83		
PTX06-1176	P	6/28/2016	272.19	3271.96		
PTX06-1176	P	7/27/2016	271.52	3272.63		
PTX06-1176	P	10/24/2016	272.15	3272.00		
PTX06-1176	P	12/5/2016	271.73	3272.42		
PTX06-1177	P	1/4/2016	273.10	3271.64		
PTX06-1177	P	1/18/2016	273.36	3271.38		
PTX06-1177	P	2/24/2016	273.30	3271.44		
PTX06-1177	P	4/25/2016	273.25	3271.49		
PTX06-1177	P	6/28/2016	273.27	3271.47		
PTX06-1177	P	7/26/2016	272.70	3272.04		
PTX06-1177	P	10/25/2016	272.95	3271.79		
PTX06-1177	P	12/5/2016	272.72	3272.02		
PTX06-1181	P	11/15/2016	274.90	3272.51		
PTX06-1182	P	10/3/2016	277.20	3240.12	285.00	3232.32
PTX06-1182	P	11/14/2016	277.20	3240.12	286.00	3231.32
PTX06-1183	P	11/30/2016	279.80	3254.52	290.00	3244.32
PTX06-EW-39	P	9/21/2016	269.30	3260.44		
PTX06-EW-39	P	9/21/2016	269.30	3260.44		
PTX06-INJ/BIO-007	P	9/6/2016	278.80	3255.28		
PTX06-ISB014	P	2/11/2016	281.85	3248.70		
PTX06-ISB014	P	5/25/2016	282.23	3248.32		
PTX06-ISB014	P	6/27/2016	282.40	3248.15		
PTX06-ISB014	P	8/3/2016	282.33	3248.22		
PTX06-ISB014	P	12/5/2016	285.05	3245.50		
PTX06-ISB019	P	2/11/2016	289.24	3240.43		
PTX06-ISB019	P	5/23/2016	289.20	3240.47		
PTX06-ISB019	P	6/27/2016	289.17	3240.50		
PTX06-ISB019	P	8/3/2016	289.15	3240.52		
PTX06-ISB019	P	12/5/2016	288.46	3241.21		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-ISB024	P	2/15/2016	278.50	3250.44		
PTX06-ISB024	P	5/25/2016	278.46	3250.48		
PTX06-ISB024	P	6/27/2016	278.56	3250.38		
PTX06-ISB024	P	8/3/2016	278.38	3250.56		
PTX06-ISB024	P	12/5/2016	277.30	3251.64		
PTX06-ISB030B	P	2/15/2016	286.80	3243.98		
PTX06-ISB030B	P	5/31/2016	284.55	3246.23		
PTX06-ISB030B	P	6/27/2016	286.22	3244.56		
PTX06-ISB030B	P	8/8/2016	284.75	3246.03		
PTX06-ISB030B	P	12/5/2016	284.30	3246.48		
PTX06-ISB038	P	2/18/2016	279.10	3249.73		
PTX06-ISB038	P	5/31/2016	279.42	3249.41		
PTX06-ISB038	P	6/27/2016	279.56	3249.27		
PTX06-ISB038	P	8/8/2016	279.45	3249.38		
PTX06-ISB038	P	12/5/2016	279.20	3249.63		
PTX06-ISB042	P	2/15/2016	285.43	3243.38		
PTX06-ISB042	P	5/23/2016	285.46	3243.35		
PTX06-ISB042	P	6/27/2016	285.43	3243.38		
PTX06-ISB042	P	8/8/2016	285.44	3243.37		
PTX06-ISB042	P	12/5/2016	278.85	3249.96		
PTX06-ISB046	P	2/16/2016	279.10	3249.38		
PTX06-ISB046	P	6/1/2016	279.26	3249.22		
PTX06-ISB046	P	6/27/2016	279.32	3249.16		
PTX06-ISB046	P	8/9/2016	279.23	3249.25		
PTX06-ISB046	P	12/5/2016	279.05	3249.43		
PTX06-ISB048	P	2/16/2016	279.42	3249.11		
PTX06-ISB048	P	6/6/2016	279.64	3248.89		
PTX06-ISB048	P	6/27/2016	279.70	3248.83		
PTX06-ISB048	P	8/9/2016	279.75	3248.78		
PTX06-ISB048	P	12/5/2016	279.10	3249.43		
PTX06-ISB055	P	1/25/2016	260.90	3273.12		
PTX06-ISB055	P	4/11/2016	260.95	3273.07		
PTX06-ISB055	P	6/28/2016	261.30	3272.72		
PTX06-ISB055	P	10/5/2016	260.97	3273.05		
PTX06-ISB055	P	12/5/2016	261.26	3272.76		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-ISB058	P	3/31/2016	260.73	3273.02		
PTX06-ISB059	P	1/25/2016	260.85	3272.82		
PTX06-ISB059	P	4/11/2016	260.65	3273.02		
PTX06-ISB059	P	6/28/2016	257.00	3276.67		
PTX06-ISB059	P	10/5/2016	261.29	3272.38		
PTX06-ISB059	P	12/5/2016	261.60	3272.07		
PTX06-ISB060A	P	3/31/2016	262.12	3272.44		
PTX06-ISB063	P	1/26/2016	262.70	3273.19		
PTX06-ISB063	P	4/12/2016	262.50	3273.39		
PTX06-ISB063	P	6/28/2016	262.60	3273.29		
PTX06-ISB063	P	10/6/2016	262.40	3273.49		
PTX06-ISB063	P	12/5/2016	262.59	3273.30		
PTX06-ISB069A	P	1/26/2016	264.70	3273.42		
PTX06-ISB069A	P	2/24/2016	265.00	3273.12		
PTX06-ISB069A	P	3/28/2016	265.00	3273.12		
PTX06-ISB069A	P	4/12/2016	264.85	3273.27		
PTX06-ISB069A	P	6/28/2016	224.19	3313.93		
PTX06-ISB069A	P	10/6/2016	263.17	3274.95		
PTX06-ISB069A	P	12/5/2016	265.15	3272.97		
PTX06-ISB071	P	1/27/2016	Dry			
PTX06-ISB071	P	3/28/2016	265.00	3275.69		
PTX06-ISB071	P	4/13/2016	267.70	3272.99		
PTX06-ISB071	P	10/11/2016	265.20	3275.49		
PTX06-ISB071	P	12/5/2016	268.59	3272.10		
PTX06-ISB073	P	1/27/2016	269.25	3273.37		
PTX06-ISB073	P	2/24/2016	269.32	3273.30		
PTX06-ISB073	P	3/28/2016	269.30	3273.32		
PTX06-ISB073	P	4/13/2016	269.00	3273.62		
PTX06-ISB073	P	6/28/2016	245.55	3297.07		
PTX06-ISB073	P	10/11/2016	268.90	3273.72		
PTX06-ISB073	P	12/5/2016	269.75	3272.87		
PTX06-ISB075	P	1/20/2016	268.95	3273.10		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-ISB075	P	2/22/2016	268.93	3273.12		
PTX06-ISB075	P	3/28/2016	268.90	3273.15		
PTX06-ISB075	P	4/18/2016	269.22	3272.83		
PTX06-ISB075	P	5/24/2016	269.22	3272.83		
PTX06-ISB075	P	8/25/2016	268.88	3273.17		
PTX06-ISB075	P	10/26/2016	268.90	3273.15		
PTX06-ISB075	P	12/5/2016	268.61	3273.44		
PTX06-ISB077	P	2/1/2016	267.30	3272.69		
PTX06-ISB077	P	2/24/2016	269.00	3270.99		
PTX06-ISB077	P	3/28/2016	269.00	3270.99		
PTX06-ISB077	P	4/20/2016	268.05	3271.94		
PTX06-ISB077	P	10/12/2016	265.18	3274.81		
PTX06-ISB079	P	4/26/2016	259.30	3272.33		
PTX06-ISB079	P	7/15/2016	259.52	3272.11		
PTX06-ISB079	P	10/12/2016	259.52	3272.11		
PTX06-ISB079	P	12/5/2016	259.35	3272.28		
PTX06-ISB081	P	2/1/2016	258.67	3272.25		
PTX06-ISB081	P	6/28/2016	258.70	3272.22		
PTX06-ISB082	P	1/20/2016	258.30	3272.10		
PTX06-ISB082	P	4/26/2016	258.12	3272.28		
PTX06-ISB082	P	6/28/2016	258.33	3272.07		
PTX06-ISB082	P	8/25/2016	258.40	3272.00		
PTX06-ISB082	P	10/26/2016	259.15	3271.25		
PTX06-ISB082	P	12/5/2016	258.16	3272.24		
PTX06-PRB16	P	9/6/2016	281.50	3250.28		
PTX06-PZ01	P	6/29/2016	260.90	3281.13		
PTX06-PZ01	P	12/5/2016	261.00	3281.03		
PTX06-PZ02	P	6/23/2016	260.00	3282.19		
PTX06-PZ02	P	12/5/2016	260.00	3282.19		
PTX06-PZ03	P	6/23/2016	262.10	3280.20		
PTX06-PZ03	P	12/5/2016	261.90	3280.40		
PTX06-PZ04	P	6/23/2016	Dry			
PTX06-PZ05	P	6/23/2016	267.50	3274.17		
PTX06-PZ05	P	12/5/2016	265.40	3276.27		
PTX06-PZ06	P	6/27/2016	278.20	3258.82		
PTX06-PZ06	P	12/5/2016	278.30	3258.72		
PTX07-1O01	P	4/26/2016	259.00	3293.45		
PTX07-1O01	P	6/23/2016	258.90	3293.55		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX07-1O01	P	12/5/2016	258.50	3293.95		
PTX07-1O02	P	2/11/2016	255.60	3295.73		
PTX07-1O02	P	6/23/2016	255.80	3295.53		
PTX07-1O02	P	8/2/2016	255.90	3295.43		
PTX07-1O02	P	12/5/2016	256.30	3295.03		
PTX07-1O03	P	6/23/2016	253.60	3296.91		
PTX07-1O03	P	7/28/2016	253.50	3297.01		
PTX07-1O03	P	12/5/2016	253.50	3297.01		
PTX07-1O04	P	6/23/2016	258.80	3293.71		
PTX07-1O04	P	12/5/2016	258.80	3293.71		
PTX07-1O05	P	6/23/2016	256.80	3295.50		
PTX07-1O05	P	12/5/2016	257.20	3295.10		
PTX07-1O06	P	4/25/2016	Dry			
PTX07-1O06	P	6/23/2016	Dry			
PTX07-1O06	P	12/5/2016	Dry			
PTX07-1P01	P	6/29/2016	248.50	3295.35		
PTX07-1P01	P	12/5/2016	248.60	3295.25		
PTX07-1P02	P	6/7/2016	242.50	3292.39		
PTX07-1P02	P	6/29/2016	242.30	3292.59		
PTX07-1P02	P	11/2/2016	242.50	3292.39		
PTX07-1P02	P	12/5/2016	242.30	3292.59		
PTX07-1P03	P	6/23/2016	254.90	3291.90		
PTX07-1P03	P	12/6/2016	255.20	3291.60		
PTX07-1P04	P	6/29/2016	Dry			
PTX07-1P04	P	12/5/2016	Dry			
PTX07-1P05	P	6/7/2016	251.10	3294.22		
PTX07-1P05	P	6/29/2016	251.00	3294.32		
PTX07-1P05	P	12/5/2016	251.00	3294.32		
PTX07-1P06	P	6/29/2016	255.40	3290.10		
PTX07-1P06	P	12/5/2016	255.20	3290.30		
PTX07-1Q01	P	6/23/2016	278.30	3269.25		
PTX07-1Q01	P	7/26/2016	279.20	3268.35		
PTX07-1Q01	P	12/5/2016	278.40	3269.15		
PTX07-1Q02	P	6/23/2016	283.90	3268.17		
PTX07-1Q02	P	7/26/2016	283.30	3268.77		
PTX07-1Q02	P	12/5/2016	282.30	3269.77		
PTX07-1Q03	P	6/23/2016	267.40	3269.71		
PTX07-1Q03	P	7/27/2016	265.70	3271.41		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX07-1Q03	P	12/5/2016	265.10	3272.01		
PTX07-1R01	O	6/22/2016	455.40	3116.47		
PTX07-1R01	O	6/22/2016	455.40	3116.47		
PTX07-1R01	O	10/12/2016	456.00	3115.87		
PTX07-1R01	O	12/5/2016	455.40	3116.47		
PTX07-1R03	P	6/22/2016	252.90	3320.60		
PTX07-1R03	P	7/27/2016	253.00	3320.50		
PTX07-1R03	P	12/5/2016	253.00	3320.50		
PTX08-1001	P	5/24/2016	227.70	3291.16		
PTX08-1001	P	6/28/2016	228.00	3290.86		
PTX08-1001	P	12/5/2016	229.90	3288.96		
PTX08-1002	P	5/24/2016	230.40	3286.61		
PTX08-1002	P	6/28/2016	231.10	3285.91		
PTX08-1002	P	11/2/2016	231.80	3285.21		
PTX08-1002	P	12/5/2016	231.30	3285.71		
PTX08-1003	P	6/7/2016	276.60	3276.89		
PTX08-1003	P	6/23/2016	276.90	3276.59		
PTX08-1003	P	12/6/2016	276.60	3276.89		
PTX08-1005	P	2/9/2016	271.40	3275.33		
PTX08-1005	P	2/9/2016	271.40	3275.33		
PTX08-1005	P	6/23/2016	271.60	3275.13		
PTX08-1005	P	8/15/2016	271.30	3275.43		
PTX08-1005	P	12/6/2016	271.40	3275.33		
PTX08-1006	P	2/9/2016	272.50	3273.26		
PTX08-1006	P	6/23/2016	271.90	3273.86		
PTX08-1006	P	8/15/2016	271.80	3273.96		
PTX08-1006	P	12/6/2016	272.10	3273.66		
PTX08-1007	P	6/8/2016	271.70	3277.11		
PTX08-1007	P	6/27/2016	271.80	3277.01		
PTX08-1007	P	12/6/2016	272.40	3276.41		
PTX08-1008	P	5/25/2016	268.80	3269.67		
PTX08-1008	P	6/23/2016	268.90	3269.57		
PTX08-1008	P	11/14/2016	269.00	3269.47		
PTX08-1008	P	12/5/2016	268.90	3269.57		
PTX08-1009	P	5/25/2016	274.40	3264.80		
PTX08-1009	P	6/23/2016	275.10	3264.10		
PTX08-1009	P	11/14/2016	274.80	3264.40		
PTX08-1009	P	12/5/2016	274.80	3264.40		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX08-1010	P	6/23/2016	216.80	3307.92		
PTX08-1010	P	7/25/2016	217.40	3307.32		
PTX08-1010	P	12/5/2016	216.80	3307.92		
PTX08-1011A	O	6/27/2016	407.70	3168.88		
PTX08-1011A	O	12/6/2016	407.80	3168.78		
PTX10-1008	P	6/23/2016	267.30	3276.78		
PTX10-1008	P	12/8/2016	267.40	3276.68		
PTX10-1014	P	5/24/2016	262.30	3281.89		
PTX10-1014	P	6/23/2016	262.30	3281.89		
PTX10-1014	P	12/8/2016	262.40	3281.79		
PTX-BEG2	O	1/19/2016	391.80	3152.55		
PTX-BEG2	O	6/23/2016	392.20	3152.15		
PTX-BEG2	O	8/1/2016	392.00	3152.35		
PTX-BEG2	O	12/5/2016	392.10	3152.25		

btoc – below top of casing amsl – above mean sea level

Appendix D
Data Evaluation Table and Electronic Data

Table D-1. Monitoring Well Data Exceeding GWPS

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	>GWPS?
1114-MW4		5/24/2016	Perchlorate	102	24			0.69	Y
1114-MW4		5/24/2016	Trichloroethene	7.43	1			0.69	Y
1114-MW4		11/15/2016	Perchlorate	119	60			1.22	Y
1114-MW4		11/15/2016	Trichloroethene	7.67	1			1.22	Y
OW-WR-38		4/27/2016	RDX	6.52	0.259		J	1.1	Y
PTX06-1002A		1/18/2016	RDX	8.25	0.258		J	0.5	Y
PTX06-1002A		8/2/2016	RDX	7.47	0.272			0.24	Y
PTX06-1005		1/18/2016	RDX	209	13.2		J	2.5	Y
PTX06-1005		8/11/2016	RDX	81.9	6.51		J	1.39	Y
PTX06-1005		8/11/2016	2-Amino-4,6-Dinitrotoluene	1.95	0.26		J-	1.39	Y
PTX06-1005		1/18/2016	2,6-Dinitrotoluene	1.13	0.265			2.5	Y
PTX06-1005		1/18/2016	2-Amino-4,6-Dinitrotoluene	3.21	0.265			2.5	Y
PTX06-1005		1/18/2016	4-Amino-2,6-Dinitrotoluene	1.7	0.265			2.5	Y
PTX06-1005		1/18/2016	TNT (2,4,6-Trinitrotoluene)	4.05	0.265			2.5	Y
PTX06-1005		1/18/2016	Trichloroethene	20.4	1			2.5	Y
PTX06-1005		8/11/2016	1,4-Dioxane	7.71	1			1.39	Y
PTX06-1005		8/11/2016	Trichloroethene	33.8	1			1.39	Y
PTX06-1006		6/22/2016	Perchlorate	139	60	H	J-	5.98	Y
PTX06-1006		6/22/2016	4-Amino-2,6-Dinitrotoluene	4.79	0.255			5.98	Y
PTX06-1007		6/13/2016	RDX	2.04	0.26		J	0.39	Y
PTX06-1007		6/13/2016	Perchlorate	221	120	H	J-	0.39	Y
PTX06-1007		6/13/2016	4-Amino-2,6-Dinitrotoluene	16.1	0.651			0.39	Y
PTX06-1008		6/27/2016	1,2-Dichloroethane	33.8	1			0	Y
PTX06-1010		6/22/2016	Chromium, Total	1350	100		J	19.7	Y
PTX06-1010		6/22/2016	Chromium, Hexavalent	1160	1000		J	19.7	Y
PTX06-1010		9/21/2016	Chromium, Total	1470	200		J	4.09	Y
PTX06-1010		9/21/2016	Chromium, Hexavalent	1300	100	H	J	4.09	Y
PTX06-1010		9/21/2016	Chromium, Hexavalent	1262.6	0.02		J	4.09	Y
PTX06-1010		9/21/2016	Chromium, Hexavalent	1280	250			4.09	Y
PTX06-1011		6/8/2016	Chromium, Total	119	10			2.25	Y
PTX06-1012		7/20/2016	cis-1,2-Dichloroethene	76	5		J	0.88	Y
PTX06-1012		7/20/2016	1,4-Dioxane	15	5		J	0.88	Y
PTX06-1012		7/20/2016	Trichloroethene	5.6	3		J	0.88	Y
PTX06-1012		2/2/2016	1,4-Dioxane	17	5		J-	1.89	Y

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	>GWPS?
PTX06-1012		10/31/2016	cis-1,2-Dichloroethene	75	5		J-	0.75	Y
PTX06-1012		2/2/2016	1,2-Dichloroethane	6.2	3			1.89	Y
PTX06-1012		2/2/2016	cis-1,2-Dichloroethene	72	5			1.89	Y
PTX06-1012		2/2/2016	Trichloroethene	25	3			1.89	Y
PTX06-1012		4/27/2016	1,2-Dichloroethane	6.2	3			6.91	Y
PTX06-1012		4/27/2016	cis-1,2-Dichloroethene	85	5			6.91	Y
PTX06-1012		4/27/2016	1,4-Dioxane	15	5			6.91	Y
PTX06-1012		4/27/2016	Trichloroethene	13	3			6.91	Y
PTX06-1012		10/31/2016	1,4-Dioxane	19	5			0.75	Y
PTX06-1013		4/26/2016	RDX	5.64	0.26			0.4	Y
PTX06-1014		7/19/2016	TNX	23.6	2.66		J	1.88	Y
PTX06-1014		7/19/2016	2-Amino-4,6-Dinitrotoluene	1.48	0.266			1.88	Y
PTX06-1014		7/19/2016	4-Amino-2,6-Dinitrotoluene	2.61	0.266			1.88	Y
PTX06-1014		7/19/2016	RDX	442	26.6			1.88	Y
PTX06-1015		8/10/2016	RDX	932	67.2		J	0.58	Y
PTX06-1015		8/10/2016	TNX	50.8	6.72		J	0.58	Y
PTX06-1015		8/10/2016	2-Amino-4,6-Dinitrotoluene	2.79	0.269		J-	0.58	Y
PTX06-1015		8/10/2016	4-Amino-2,6-Dinitrotoluene	2.74	0.269		J-	0.58	Y
PTX06-1015		2/11/2016	2-Amino-4,6-Dinitrotoluene	2.65	0.259			1.8	Y
PTX06-1015		2/11/2016	4-Amino-2,6-Dinitrotoluene	3.01	0.259			1.8	Y
PTX06-1015		2/11/2016	RDX	679	25.9			1.8	Y
PTX06-1015		2/11/2016	TNX	40.8	2.59			1.8	Y
PTX06-1030		5/23/2016	RDX	1170	65.1		J	1.2	Y
PTX06-1030		5/23/2016	TNX	12.7	1.3		J	1.2	Y
PTX06-1030		5/23/2016	2-Amino-4,6-Dinitrotoluene	2.65	0.26			1.2	Y
PTX06-1030		5/23/2016	4-Amino-2,6-Dinitrotoluene	18.6	1.3			1.2	Y
PTX06-1030		5/23/2016	Chromium, Total	406	10			1.2	Y
PTX06-1031	Compliance	5/23/2016	RDX	575	65.8		J	1.2	Y
PTX06-1031	Compliance	5/23/2016	TNX	11	1.32		J	1.2	Y
PTX06-1031	Compliance	10/24/2016	TNX	10.9	6.38		J+	21.2	Y
PTX06-1031	Compliance	5/23/2016	4-Amino-2,6-Dinitrotoluene	2.63	0.263			1.2	Y
PTX06-1031	Compliance	10/24/2016	4-Amino-2,6-Dinitrotoluene	2.95	0.255			21.2	Y
PTX06-1031	Compliance	10/24/2016	RDX	770	63.8			21.2	Y
PTX06-1034	Compliance	2/2/2016	RDX	981	66.5		J	0.4	Y
PTX06-1034	Compliance	2/2/2016	RDX	774	64.4		J	0.4	Y
PTX06-1034	Compliance	2/2/2016	TNX	67.7	2.66		J	0.4	Y

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	>GWPS?
PTX06-1034	Compliance	2/2/2016	TNX	63.2	2.58		J	0.4	Y
PTX06-1034	Compliance	8/17/2016	RDX	1250	65.1		J	0.09	Y
PTX06-1034	Compliance	8/17/2016	TNX	73.7	65.1		J	0.09	Y
PTX06-1034	Compliance	2/2/2016	4-Amino-2,6-Dinitrotoluene	7.36	0.266			0.4	Y
PTX06-1034	Compliance	2/2/2016	4-Amino-2,6-Dinitrotoluene	7.19	0.258			0.4	Y
PTX06-1034	Compliance	8/17/2016	4-Amino-2,6-Dinitrotoluene	6.61	0.26			0.09	Y
PTX06-1035		2/2/2016	Perchlorate	78.4	12			0.5	Y
PTX06-1035		8/10/2016	Perchlorate	80.2	12			1.13	Y
PTX06-1037		2/8/2016	Arsenic	50	25			1.95	Y
PTX06-1037		2/8/2016	Barium	2400	10			1.95	Y
PTX06-1037		2/8/2016	Manganese	2600	10			1.95	Y
PTX06-1037		5/10/2016	Arsenic	54	5	B		2.2	Y
PTX06-1037		5/10/2016	Barium	2500	2			2.2	Y
PTX06-1037		5/10/2016	Manganese	2400	2			2.2	Y
PTX06-1037		7/19/2016	Arsenic	50	5			1.41	Y
PTX06-1037		7/19/2016	Manganese	2000	2	B		1.41	Y
PTX06-1037		11/2/2016	Arsenic	37	5			0.5	Y
PTX06-1037		11/2/2016	Manganese	1900	2			0.5	Y
PTX06-1038		2/2/2016	RDX	185	27		J	1.6	Y
PTX06-1038		2/2/2016	RDX	162	26.7		J	1.6	Y
PTX06-1038		2/2/2016	TNX	8.93	0.27		J	1.6	Y
PTX06-1038		2/2/2016	TNX	7.74	0.267		J	1.6	Y
PTX06-1038		8/8/2016	RDX	131	6.44		J	2.18	Y
PTX06-1038		8/8/2016	TNT (2,4,6-Trinitrotoluene)	9.54	2.58		J	2.18	Y
PTX06-1038		8/8/2016	TNX	5.6	2.58		J	2.18	Y
PTX06-1038		2/2/2016	2-Amino-4,6-Dinitrotoluene	6.37	0.27			1.6	Y
PTX06-1038		2/2/2016	2-Amino-4,6-Dinitrotoluene	5.72	0.267			1.6	Y
PTX06-1038		2/2/2016	4-Amino-2,6-Dinitrotoluene	10.6	2.7			1.6	Y
PTX06-1038		2/2/2016	4-Amino-2,6-Dinitrotoluene	11.6	2.67			1.6	Y
PTX06-1038		2/2/2016	TNT (2,4,6-Trinitrotoluene)	14.8	2.7			1.6	Y
PTX06-1038		2/2/2016	TNT (2,4,6-Trinitrotoluene)	16.5	2.67			1.6	Y
PTX06-1038		8/8/2016	2-Amino-4,6-Dinitrotoluene	6.49	0.258			2.18	Y
PTX06-1038		8/8/2016	4-Amino-2,6-Dinitrotoluene	9.4	0.258			2.18	Y
PTX06-1039A		2/3/2016	RDX	651	63.8		J	8.3	Y
PTX06-1039A		2/3/2016	TNT (2,4,6-Trinitrotoluene)	49.7	2.55		J	8.3	Y
PTX06-1039A		2/3/2016	TNX	58.1	2.55		J	8.3	Y

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	>GWPS?
PTX06-1039A		8/8/2016	4-Amino-2,6-Dinitrotoluene	17.4	6.44		J	2.31	Y
PTX06-1039A		8/8/2016	DNX	11.3	6.44		J	2.31	Y
PTX06-1039A		8/8/2016	MNX	5.23	6.44	J	J	2.31	Y
PTX06-1039A		8/8/2016	RDX	690	64.4		J	2.31	Y
PTX06-1039A		8/8/2016	TNT (2,4,6-Trinitrotoluene)	40.7	6.44		J	2.31	Y
PTX06-1039A		8/8/2016	TNX	71.4	64.4		J	2.31	Y
PTX06-1039A		2/3/2016	2-Amino-4,6-Dinitrotoluene	7.19	0.255			8.3	Y
PTX06-1039A		2/3/2016	4-Amino-2,6-Dinitrotoluene	19.5	2.55			8.3	Y
PTX06-1039A		2/3/2016	DNX	11.6	2.55			8.3	Y
PTX06-1039A		2/3/2016	MNX	5.61	0.255			8.3	Y
PTX06-1039A		8/8/2016	2-Amino-4,6-Dinitrotoluene	7.08	0.258			2.31	Y
PTX06-1040		2/3/2016	RDX	1450	65.4		J	3.4	Y
PTX06-1040		2/3/2016	TNT (2,4,6-Trinitrotoluene)	68.5	2.62		J	3.4	Y
PTX06-1040		2/3/2016	TNX	81.4	2.62		J	3.4	Y
PTX06-1040		8/8/2016	4-Amino-2,6-Dinitrotoluene	16.7	3.26		J	0.55	Y
PTX06-1040		8/8/2016	DNX	6.58	3.26		J	0.55	Y
PTX06-1040		8/8/2016	RDX	1110	65.1		J	0.55	Y
PTX06-1040		8/8/2016	TNT (2,4,6-Trinitrotoluene)	48.3	3.26		J	0.55	Y
PTX06-1040		8/8/2016	TNX	87.5	65.1		J	0.55	Y
PTX06-1040		8/8/2016	2-Amino-4,6-Dinitrotoluene	5.91	0.26		J-	0.55	Y
PTX06-1040		2/3/2016	2,6-Dinitrotoluene	1.34	0.262			3.4	Y
PTX06-1040		2/3/2016	2-Amino-4,6-Dinitrotoluene	7.43	0.262			3.4	Y
PTX06-1040		2/3/2016	4-Amino-2,6-Dinitrotoluene	27.5	2.62			3.4	Y
PTX06-1040		2/3/2016	DNX	7.6	0.262			3.4	Y
PTX06-1041		2/3/2016	RDX	962	65.4		J	1.4	Y
PTX06-1041		2/3/2016	TNT (2,4,6-Trinitrotoluene)	4.07	0.262		J	1.4	Y
PTX06-1041		2/3/2016	TNX	32	2.62		J	1.4	Y
PTX06-1041		8/8/2016	4-Amino-2,6-Dinitrotoluene	16.4	3.32		J	0.44	Y
PTX06-1041		8/8/2016	RDX	1090	66.5		J	0.44	Y
PTX06-1041		8/8/2016	TNX	21.6	3.32		J	0.44	Y
PTX06-1041		8/8/2016	2-Amino-4,6-Dinitrotoluene	3.25	0.266		J-	0.44	Y
PTX06-1041		2/3/2016	2,6-Dinitrotoluene	1.32	0.262			1.4	Y
PTX06-1041		2/3/2016	2-Amino-4,6-Dinitrotoluene	4.69	0.262			1.4	Y
PTX06-1041		2/3/2016	4-Amino-2,6-Dinitrotoluene	16.3	2.62			1.4	Y
PTX06-1042	Compliance	1/28/2016	RDX	497	25.9		J	0.25	Y
PTX06-1042	Compliance	1/28/2016	TNX	7.86	0.259		J	0.25	Y

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PTX06-1042	Compliance	8/8/2016	MNX	4.13	1.3		J	1.14	Y
PTX06-1042	Compliance	8/8/2016	RDX	434	13		J	1.14	Y
PTX06-1042	Compliance	8/8/2016	TNX	8.07	1.3		J	1.14	Y
PTX06-1042	Compliance	8/8/2016	4-Amino-2,6-Dinitrotoluene	7.4	0.26		J-	1.14	Y
PTX06-1042	Compliance	1/28/2016	4-Amino-2,6-Dinitrotoluene	11.2	1.3			0.25	Y
PTX06-1042	Compliance	1/28/2016	MNX	3.47	0.259			0.25	Y
PTX06-1046	Compliance	1/27/2016	RDX	1470	67.6		J	0.55	Y
PTX06-1046	Compliance	1/27/2016	TNX	120	13.5		J	0.55	Y
PTX06-1046	Compliance	8/10/2016	RDX	2070	64.4		J	1.95	Y
PTX06-1046	Compliance	8/10/2016	TNX	155	64.4		J	1.95	Y
PTX06-1046	Compliance	8/10/2016	2-Amino-4,6-Dinitrotoluene	1.73	0.258		J-	1.95	Y
PTX06-1046	Compliance	8/10/2016	4-Amino-2,6-Dinitrotoluene	5.02	0.258		J-	1.95	Y
PTX06-1046	Compliance	1/27/2016	2-Amino-4,6-Dinitrotoluene	1.97	0.27			0.55	Y
PTX06-1046	Compliance	1/27/2016	4-Amino-2,6-Dinitrotoluene	5.37	0.27			0.55	Y
PTX06-1047A		1/27/2016	RDX	25.8	1.32		J	0.25	Y
PTX06-1047A		8/10/2016	RDX	30.5	13		J	3.46	Y
PTX06-1047A		8/10/2016	TNX	2.51	1.3		J	3.46	Y
PTX06-1049		6/20/2016	4-Amino-2,6-Dinitrotoluene	1.33	0.26			3.55	Y
PTX06-1049		10/26/2016	4-Amino-2,6-Dinitrotoluene	1.27	0.255			0.53	Y
PTX06-1050	Compliance	4/27/2016	RDX	118	6.44		J	2.2	Y
PTX06-1050	Compliance	4/27/2016	4-Amino-2,6-Dinitrotoluene	6.13	0.258			2.2	Y
PTX06-1050	Compliance	4/27/2016	TNX	7.27	0.258			2.2	Y
PTX06-1050	Compliance	11/15/2016	4-Amino-2,6-Dinitrotoluene	8.33	0.255			5.4	Y
PTX06-1050	Compliance	11/15/2016	RDX	123	6.38			5.4	Y
PTX06-1050	Compliance	11/15/2016	TNX	6.72	0.255			5.4	Y
PTX06-1052	Compliance	2/8/2016	Chromium, Total	612	10		J	4.1	Y
PTX06-1052	Compliance	2/8/2016	Chromium, Hexavalent	766	100		J	4.1	Y
PTX06-1052	Compliance	8/11/2016	Chromium, Total	507	10			0.52	Y
PTX06-1052	Compliance	8/11/2016	Chromium, Hexavalent	511	100			0.52	Y
PTX06-1053		5/9/2016	2-Amino-4,6-Dinitrotoluene	1.44	0.267			0.3	Y
PTX06-1053		11/1/2016	2-Amino-4,6-Dinitrotoluene	1.32	0.263			0.75	Y
PTX06-1083		7/20/2016	Selenium	59.2	5			3.72	Y
PTX06-1088		6/8/2016	RDX	9.63	0.532			8.66	Y
PTX06-1088		6/8/2016	Trichloroethene	6.75	1			8.66	Y
PTX06-1088		9/21/2016	RDX	9.17	0.26			1.33	Y
PTX06-1088		9/21/2016	Trichloroethene	8.09	1			1.33	Y

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PTX06-1095A		8/2/2016	MNX	3.66	0.26		J	5.48	Y
PTX06-1095A		8/2/2016	TNX	4.94	0.26		J	5.48	Y
PTX06-1095A		2/11/2016	2-Amino-4,6-Dinitrotoluene	6.78	0.256			10	Y
PTX06-1095A		2/11/2016	4-Amino-2,6-Dinitrotoluene	2.31	0.256			10	Y
PTX06-1095A		2/11/2016	RDX	1410	64.1			10	Y
PTX06-1095A		2/11/2016	TNX	11.1	0.641			10	Y
PTX06-1095A		2/11/2016	Trichloroethene	13.5	1			10	Y
PTX06-1095A		8/2/2016	2-Amino-4,6-Dinitrotoluene	6.21	0.26			5.48	Y
PTX06-1095A		8/2/2016	4-Amino-2,6-Dinitrotoluene	1.41	0.26			5.48	Y
PTX06-1095A		8/2/2016	RDX	1300	65.1			5.48	Y
PTX06-1095A		8/2/2016	Trichloroethene	19.5	1			5.48	Y
PTX06-1098		5/11/2016	Barium	4600	2		J	21	Y
PTX06-1098		5/11/2016	Arsenic	22	5			21	Y
PTX06-1098		11/3/2016	Arsenic	23	5			14	Y
PTX06-1098		11/3/2016	Barium	5100	2			14	Y
PTX06-1100		8/16/2016	Barium	2400	2			0.16	Y
PTX06-1101		8/16/2016	RDX	23.1	1.3			2.31	Y
PTX06-1101		8/16/2016	Barium	2500	2			2.31	Y
PTX06-1101		8/16/2016	Trichloroethene	10	3			2.31	Y
PTX06-1120		11/16/2016	2-Amino-4,6-Dinitrotoluene	3.45	0.258		J-	5.57	Y
PTX06-1120		11/16/2016	4-Amino-2,6-Dinitrotoluene	6.51	0.258		J-	5.57	Y
PTX06-1120		5/9/2016	2-Amino-4,6-Dinitrotoluene	4.26	0.267			4.8	Y
PTX06-1120		5/9/2016	4-Amino-2,6-Dinitrotoluene	7.57	0.267			4.8	Y
PTX06-1120		5/9/2016	RDX	3090	134			4.8	Y
PTX06-1120		5/9/2016	TNX	293	66.8			4.8	Y
PTX06-1120		11/16/2016	RDX	2400	64.4			5.57	Y
PTX06-1120		11/16/2016	TNX	185	6.44			5.57	Y
PTX06-1126	Compliance	5/11/2016	4-Amino-2,6-Dinitrotoluene	8.81	0.273		J	1.6	Y
PTX06-1126	Compliance	5/11/2016	1,4-Dioxane	18.4	3		J	1.6	Y
PTX06-1126	Compliance	5/11/2016	Perchlorate	144	24			1.6	Y
PTX06-1126	Compliance	5/11/2016	Trichloroethene	112	2			1.6	Y
PTX06-1126	Compliance	11/3/2016	4-Amino-2,6-Dinitrotoluene	17.2	1.3			1.42	Y
PTX06-1126	Compliance	11/3/2016	Perchlorate	89.7	12			1.42	Y
PTX06-1126	Compliance	11/3/2016	1,2-Dichloroethane	5.65	1			1.42	Y
PTX06-1126	Compliance	11/3/2016	1,4-Dioxane	24.5	10			1.42	Y
PTX06-1126	Compliance	11/3/2016	Trichloroethene	226	4			1.42	Y

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PTX06-1127	Compliance	5/11/2016	4-Amino-2,6-Dinitrotoluene	12.3	0.651		J	1.7	Y
PTX06-1127	Compliance	5/11/2016	1,4-Dioxane	34.3	4		J	1.7	Y
PTX06-1127	Compliance	5/11/2016	Perchlorate	399	120			1.7	Y
PTX06-1127	Compliance	5/11/2016	Trichloroethene	30.8	1			1.7	Y
PTX06-1127	Compliance	11/3/2016	4-Amino-2,6-Dinitrotoluene	13.3	1.28			4.5	Y
PTX06-1127	Compliance	11/3/2016	RDX	3.58	0.255			4.5	Y
PTX06-1127	Compliance	11/3/2016	Chromium, Total	175	10			4.5	Y
PTX06-1127	Compliance	11/3/2016	Perchlorate	440	120			4.5	Y
PTX06-1127	Compliance	11/3/2016	1,2-Dichloroethane	5.03	1			4.5	Y
PTX06-1127	Compliance	11/3/2016	1,4-Dioxane	52.7	10			4.5	Y
PTX06-1127	Compliance	11/3/2016	Tetrachloroethene	6.29	1			4.5	Y
PTX06-1127	Compliance	11/3/2016	Trichloroethene	39.8	1			4.5	Y
PTX06-1134		5/11/2016	Perchlorate	32.8	12			23	Y
PTX06-1134		11/1/2016	4-Amino-2,6-Dinitrotoluene	1.53	0.258			73.9	Y
PTX06-1134		11/1/2016	Perchlorate	48.9	12			73.9	Y
PTX06-1146	Compliance	1/26/2016	RDX	1150	64.4		J	29	Y
PTX06-1146	Compliance	8/17/2016	RDX	1160	65.4		J	0.35	Y
PTX06-1146	Compliance	8/17/2016	TNX	23.3	65.4	J	J	0.35	Y
PTX06-1146	Compliance	1/26/2016	4-Amino-2,6-Dinitrotoluene	18.9	6.44		J-	29	Y
PTX06-1146	Compliance	1/26/2016	TNX	15.5	6.44			29	Y
PTX06-1146	Compliance	8/17/2016	2-Amino-4,6-Dinitrotoluene	1.46	0.262			0.35	Y
PTX06-1146	Compliance	8/17/2016	4-Amino-2,6-Dinitrotoluene	20	1.31			0.35	Y
PTX06-1147		5/23/2016	RDX	999	64.4		J	24.9	Y
PTX06-1147		5/23/2016	TNX	57.6	2.58		J	24.9	Y
PTX06-1147		5/23/2016	4-Amino-2,6-Dinitrotoluene	4.09	0.258			24.9	Y
PTX06-1147		10/24/2016	4-Amino-2,6-Dinitrotoluene	4.17	0.255			15.3	Y
PTX06-1147		10/24/2016	RDX	1150	63.8			15.3	Y
PTX06-1147		10/24/2016	TNX	53.8	6.38			15.3	Y
PTX06-1148		7/25/2016	Perchlorate	390	120		J	28.6	Y
PTX06-1148		1/13/2016	Nickel	760	5			190	Y
PTX06-1148		1/13/2016	Perchlorate	210	24			190	Y
PTX06-1148		5/9/2016	Nickel	740	5			119	Y
PTX06-1148		5/9/2016	Perchlorate	200	12			119	Y
PTX06-1148		11/1/2016	Perchlorate	360	60			90	Y
PTX06-1149		1/13/2016	Arsenic	36	5			1	Y
PTX06-1149		1/13/2016	Manganese	1900	2			1	Y

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PTX06-1149		5/9/2016	Arsenic	41	5	B		0.69	Y
PTX06-1149		5/9/2016	Manganese	2200	2			0.69	Y
PTX06-1149		7/25/2016	Arsenic	26	5			0.22	Y
PTX06-1149		11/1/2016	Arsenic	31	5			2.2	Y
PTX06-1149		11/1/2016	Manganese	1800	2			2.2	Y
PTX06-1150		7/25/2016	Perchlorate	58	120	J	J	39.1	Y
PTX06-1150		7/25/2016	Trichloroethene	5.6	3		J	39.1	Y
PTX06-1150		1/13/2016	Perchlorate	85	12			20	Y
PTX06-1150		5/9/2016	Perchlorate	76	12			19.2	Y
PTX06-1150		11/1/2016	Perchlorate	49	12			21	Y
PTX06-1150		11/1/2016	Trichloroethene	5.2	3			21	Y
PTX06-1151		2/9/2016	RDX	10.3	1.3			0.15	Y
PTX06-1151		2/9/2016	Perchlorate	106	24			0.15	Y
PTX06-1151		2/9/2016	1,2-Dichloroethane	7.75	1			0.15	Y
PTX06-1151		2/9/2016	1,4-Dioxane	7.9	1			0.15	Y
PTX06-1151		2/9/2016	Trichloroethene	129	2			0.15	Y
PTX06-1151		8/15/2016	RDX	16.6	1.32			2.18	Y
PTX06-1151		8/15/2016	Perchlorate	121	60			2.18	Y
PTX06-1151		8/15/2016	1,2-Dichloroethane	7.82	2			2.18	Y
PTX06-1151		8/15/2016	1,4-Dioxane	9.42	1			2.18	Y
PTX06-1151		8/15/2016	Trichloroethene	130	2			2.18	Y
PTX06-1153	Compliance	2/3/2016	MNX	4.6	25	J	J	4.34	Y
PTX06-1153	Compliance	2/3/2016	RDX	450	40	B	J	4.34	Y
PTX06-1153	Compliance	7/19/2016	MNX	2.85	0.26		J	9.59	Y
PTX06-1153	Compliance	7/19/2016	TNX	3.79	0.26		J	9.59	Y
PTX06-1153	Compliance	2/3/2016	TNX	2.5	25	J F1	J-	4.34	Y
PTX06-1153	Compliance	2/3/2016	2-Amino-4,6-Dinitrotoluene	2.4	10	J		4.34	Y
PTX06-1153	Compliance	2/3/2016	4-Amino-2,6-Dinitrotoluene	3	10	J		4.34	Y
PTX06-1153	Compliance	2/3/2016	Chromium, Total	150	10			4.34	Y
PTX06-1153	Compliance	5/10/2016	2-Amino-4,6-Dinitrotoluene	2.09	0.258			2.2	Y
PTX06-1153	Compliance	5/10/2016	4-Amino-2,6-Dinitrotoluene	1.78	0.258			2.2	Y
PTX06-1153	Compliance	5/10/2016	MNX	3.18	0.258			2.2	Y
PTX06-1153	Compliance	5/10/2016	RDX	278	32.2			2.2	Y
PTX06-1153	Compliance	5/10/2016	TNX	3.74	0.258			2.2	Y
PTX06-1153	Compliance	5/10/2016	Chromium, Total	150	10			2.2	Y
PTX06-1153	Compliance	5/10/2016	Chromium, Hexavalent	101	10			2.2	Y

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	>GWPS?
PTX06-1153	Compliance	7/19/2016	2-Amino-4,6-Dinitrotoluene	2.29	0.26			9.59	Y
PTX06-1153	Compliance	7/19/2016	4-Amino-2,6-Dinitrotoluene	1.62	0.26			9.59	Y
PTX06-1153	Compliance	7/19/2016	RDX	180	6.51			9.59	Y
PTX06-1153	Compliance	7/19/2016	Chromium, Total	110	10	B		9.59	Y
PTX06-1153	Compliance	11/2/2016	2-Amino-4,6-Dinitrotoluene	2.53	0.256			1.7	Y
PTX06-1153	Compliance	11/2/2016	4-Amino-2,6-Dinitrotoluene	1.74	0.256			1.7	Y
PTX06-1153	Compliance	11/2/2016	MNX	3.72	0.256			1.7	Y
PTX06-1153	Compliance	11/2/2016	RDX	263	32.1			1.7	Y
PTX06-1153	Compliance	11/2/2016	TNX	3.89	0.256			1.7	Y
PTX06-1154	Compliance	2/3/2016	Arsenic	110	5			4.88	Y
PTX06-1154	Compliance	2/3/2016	Barium	21000	5	B		4.88	Y
PTX06-1154	Compliance	5/10/2016	Arsenic	100	5	B		4.81	Y
PTX06-1154	Compliance	5/10/2016	Barium	20000	5			4.81	Y
PTX06-1154	Compliance	7/19/2016	Arsenic	68	5			2.82	Y
PTX06-1154	Compliance	7/19/2016	Barium	21000	5	B ^		2.82	Y
PTX06-1154	Compliance	11/2/2016	Arsenic	59	13			1.7	Y
PTX06-1154	Compliance	11/2/2016	Barium	12000	5			1.7	Y
PTX06-1155	Compliance	1/12/2016	cis-1,2-Dichloroethene	320	13		J	2.6	Y
PTX06-1155	Compliance	7/20/2016	cis-1,2-Dichloroethene	200	10		J		Y
PTX06-1155	Compliance	7/20/2016	1,4-Dioxane	19	5		J		Y
PTX06-1155	Compliance	1/12/2016	1,4-Dioxane	23	5		J-	2.6	Y
PTX06-1155	Compliance	10/31/2016	cis-1,2-Dichloroethene	130	5	F1	J-	1.2	Y
PTX06-1155	Compliance	1/12/2016	Arsenic	54	5			2.6	Y
PTX06-1155	Compliance	4/27/2016	Arsenic	64	5			1.2	Y
PTX06-1155	Compliance	4/27/2016	cis-1,2-Dichloroethene	300	10			1.2	Y
PTX06-1155	Compliance	4/27/2016	1,4-Dioxane	19	5			1.2	Y
PTX06-1155	Compliance	7/20/2016	Arsenic	58	5				Y
PTX06-1155	Compliance	10/31/2016	Arsenic	81	5			1.2	Y
PTX06-1155	Compliance	10/31/2016	Manganese	2500	2			1.2	Y
PTX06-1155	Compliance	10/31/2016	1,4-Dioxane	12	5			1.2	Y
PTX06-1156	Compliance	1/11/2016	Arsenic	52	5			0.2	Y
PTX06-1156	Compliance	1/11/2016	Barium	3100	2	B		0.2	Y
PTX06-1156	Compliance	4/27/2016	Arsenic	85	5			2.57	Y
PTX06-1156	Compliance	7/20/2016	Arsenic	45	5				Y
PTX06-1156	Compliance	7/20/2016	Barium	3400	2	B ^			Y
PTX06-1156	Compliance	10/31/2016	Arsenic	56	5			1.1	Y

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	>GWPS?
PTX06-1156	Compliance	10/31/2016	Barium	3800	2			1.1	Y
PTX06-1159		1/26/2016	Trichloroethene	320	5		J	2	Y
PTX06-1159		1/26/2016	4-Amino-2,6-Dinitrotoluene	2.35	0.26		J-	2	Y
PTX06-1159		8/10/2016	4-Amino-2,6-Dinitrotoluene	2.8	0.258		J-	1.28	Y
PTX06-1159		1/26/2016	Perchlorate	274	120			2	Y
PTX06-1159		1/26/2016	1,2-Dichloroethane	13.3	1			2	Y
PTX06-1159		8/10/2016	Perchlorate	426	120			1.28	Y
PTX06-1159		8/10/2016	1,2-Dichloroethane	11.4	1			1.28	Y
PTX06-1159		8/10/2016	Trichloroethene	375	5			1.28	Y
PTX06-1164		1/14/2016	Trichloroethene	160	3	F1	J	4.1	Y
PTX06-1164		10/25/2016	Perchlorate	86	12		J-	1.9	Y
PTX06-1164		1/14/2016	Perchlorate	84	12			4.1	Y
PTX06-1164		2/24/2016	Trichloroethene	160	3			3.13	Y
PTX06-1164		4/25/2016	Perchlorate	100	12			5.1	Y
PTX06-1164		4/25/2016	Trichloroethene	170	3			5.1	Y
PTX06-1164		7/26/2016	Trichloroethene	82	3			3.24	Y
PTX06-1164		10/25/2016	Hexanoic Acid	7700	2000			1.9	Y
PTX06-1164		10/25/2016	Trichloroethene	130	3			1.9	Y
PTX06-1166		1/27/2016	RDX	17.2	0.668		J	6.3	Y
PTX06-1166		1/27/2016	RDX	15.4	0.651		J	6.3	Y
PTX06-1166		8/11/2016	RDX	16.3	1.3		J	3.14	Y
PTX06-1166		1/27/2016	Trichloroethene	8.31	1			6.3	Y
PTX06-1166		8/11/2016	Trichloroethene	8.35	1			3.14	Y
PTX06-1169		2/22/2016	Arsenic	69	50			15	Y
PTX06-1169		2/22/2016	Barium	2100	20			15	Y
PTX06-1169		2/22/2016	1,2-Dichloroethane	11	3			15	Y
PTX06-1169		2/22/2016	cis-1,2-Dichloroethene	79	5			15	Y
PTX06-1169		2/22/2016	Trichloroethene	13	3			15	Y
PTX06-1170		1/14/2016	Trichloroethene	69	3		J	1.3	Y
PTX06-1170		4/20/2016	Trichloroethene	14	3		J	4.31	Y
PTX06-1170		7/27/2016	cis-1,2-Dichloroethene	270	10		J	1.57	Y
PTX06-1170		7/27/2016	Trichloroethene	170	3		J	1.57	Y
PTX06-1170		4/20/2016	cis-1,2-Dichloroethene	490	25		J+	4.31	Y
PTX06-1170		1/14/2016	Arsenic	34	5			1.3	Y
PTX06-1170		1/14/2016	cis-1,2-Dichloroethene	290	13			1.3	Y
PTX06-1170		2/22/2016	cis-1,2-Dichloroethene	290	25			2.62	Y

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	>GWPS?
PTX06-1170		2/22/2016	Trichloroethene	180	3			2.62	Y
PTX06-1170		4/20/2016	Arsenic	38	5			4.31	Y
PTX06-1170		7/27/2016	Arsenic	34	5			1.57	Y
PTX06-1170		10/24/2016	Arsenic	33	5			0.85	Y
PTX06-1170		10/24/2016	cis-1,2-Dichloroethene	160	5			0.85	Y
PTX06-1170		10/24/2016	Trichloroethene	410	7.5			0.85	Y
PTX06-1171		5/25/2016	4-Amino-2,6-Dinitrotoluene	2.23	0.278			2.31	Y
PTX06-1171		5/25/2016	RDX	3.28	0.278			2.31	Y
PTX06-1171		5/25/2016	Perchlorate	75.2	12			2.31	Y
PTX06-1171		5/25/2016	1,2-Dichloroethane	6.64	1			2.31	Y
PTX06-1171		5/25/2016	Trichloroethene	303	5			2.31	Y
PTX06-1173		6/8/2016	cis-1,2-Dichloroethene	120	5		J	1.85	Y
PTX06-1173		6/8/2016	1,4-Dioxane	11	5		J	1.85	Y
PTX06-1173		6/8/2016	Trichloroethene	100	3		J	1.85	Y
PTX06-1174		6/8/2016	Perchlorate	170	12		J	0	Y
PTX06-1174		6/8/2016	1,4-Dioxane	12	5		J	0	Y
PTX06-1174		6/8/2016	Trichloroethene	160	3		J	0	Y
PTX06-1174		6/8/2016	4-Amino-2,6-Dinitrotoluene	1.86	0.255			0	Y
PTX06-1175		6/8/2016	Perchlorate	340	60		J	5.66	Y
PTX06-1175		6/8/2016	Trichloroethene	120	3		J	5.66	Y
PTX06-1175		6/8/2016	4-Amino-2,6-Dinitrotoluene	3.41	0.258			5.66	Y
PTX06-1175		6/8/2016	RDX	17.6	1.29			5.66	Y
PTX06-1176		4/21/2016	Trichloroethene	220	6		J	0.43	Y
PTX06-1176		4/21/2016	Trichloroethene	190	3		J		Y
PTX06-1176		7/27/2016	Perchlorate	190	120		J	0	Y
PTX06-1176		7/27/2016	Trichloroethene	190	3		J	0	Y
PTX06-1176		10/24/2016	Perchlorate	76	12		J-	1.3	Y
PTX06-1176		1/18/2016	Trichloroethene	160	3		J+	0.1	Y
PTX06-1176		10/24/2016	Trichloroethene	110	3	F1	J+	1.3	Y
PTX06-1176		1/18/2016	Perchlorate	240	24			0.1	Y
PTX06-1176		2/24/2016	Trichloroethene	180	3	F1		1.82	Y
PTX06-1176		4/21/2016	Perchlorate	180	12			0.43	Y
PTX06-1176		4/21/2016	Perchlorate	180	12				Y
PTX06-1177		1/18/2016	Trichloroethene	120	3	F1	J+	1.6	Y
PTX06-1177		1/18/2016	Perchlorate	200	24			1.6	Y
PTX06-1177		1/18/2016	Propionic Acid	24000	1000			1.6	Y

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	>GWPS?
PTX06-1177		2/24/2016	Trichloroethene	120	3			4.69	Y
PTX06-1177		4/25/2016	Perchlorate	150	12			1.35	Y
PTX06-1177		4/25/2016	Trichloroethene	120	3			1.35	Y
PTX06-1177		7/26/2016	Manganese	2300	2			0.62	Y
PTX06-1177		7/26/2016	Perchlorate	140	120			0.62	Y
PTX06-1177		7/26/2016	Trichloroethene	130	3			0.62	Y
PTX06-1177		10/25/2016	Arsenic	48	5			1.1	Y
PTX06-1177		10/25/2016	Manganese	26000	10	^		1.1	Y
PTX06-1177		10/25/2016	Hexanoic Acid	2700	2000			1.1	Y
PTX06-1177		10/25/2016	Propionic Acid	220000	10000			1.1	Y
PTX06-1177		10/25/2016	Trichloroethene	26	3			1.1	Y
PTX06-1182		10/3/2016	RDX	15	1.32		J	1.1	Y
PTX06-1182		10/3/2016	4-Amino-2,6-Dinitrotoluene	6.73	0.265		J-	1.1	Y
PTX06-1182		11/14/2016	4-Amino-2,6-Dinitrotoluene	6.18	0.259			6.74	Y
PTX06-1182		11/14/2016	RDX	19.3	1.3			6.74	Y
PTX06-1183		11/30/2016	Chromium, Hexavalent	1920	250		J+	2.3	Y
PTX06-1183		11/30/2016	Chromium, Total	2130	500			2.3	Y
PTX06-INJ/BIO-007		9/6/2016	RDX	9.21	0.258		J	1.91	Y
PTX06-INJ/BIO-007		9/6/2016	Chromium, Total	107	10			1.91	Y
PTX07-1O03		7/28/2016	TNX	4.1	0.26		J	1.13	Y
PTX07-1O03		7/28/2016	RDX	46.8	2.6			1.13	Y
PTX07-1P02	Compliance	6/7/2016	TNX	2.19	0.255		J-	0.69	Y
PTX07-1P02	Compliance	6/7/2016	RDX	5.12	0.255			0.69	Y
PTX07-1P02	Compliance	11/2/2016	RDX	4.03	0.259			0.93	Y
PTX08-1001		5/24/2016	RDX	21.3	1.3		J	0.12	Y
PTX08-1001		5/24/2016	TNX	28	1.3		J	0.12	Y
PTX08-1002		5/24/2016	RDX	95.6	2.63		J	1.33	Y
PTX08-1002		5/24/2016	TNX	4.39	0.263		J	1.33	Y
PTX08-1002		11/2/2016	TNT (2,4,6-Trinitrotoluene)	9.08	0.638		J-	1.52	Y
PTX08-1002		5/24/2016	2-Amino-4,6-Dinitrotoluene	2.69	0.263			1.33	Y
PTX08-1002		5/24/2016	4-Amino-2,6-Dinitrotoluene	2.35	0.263			1.33	Y
PTX08-1002		5/24/2016	TNT (2,4,6-Trinitrotoluene)	5.88	0.263			1.33	Y
PTX08-1002		11/2/2016	2-Amino-4,6-Dinitrotoluene	1.72	0.255			1.52	Y
PTX08-1002		11/2/2016	4-Amino-2,6-Dinitrotoluene	3.07	0.255			1.52	Y
PTX08-1002		11/2/2016	RDX	42.7	3.19			1.52	Y
PTX08-1002		11/2/2016	TNX	2.35	0.255			1.52	Y

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	>GWPS?
PTX08-1005		2/9/2016	RDX	3.24	0.265			2.5	Y
PTX08-1005		2/9/2016	RDX	3.49	0.27			2.5	Y
PTX08-1005		2/9/2016	Trichloroethene	19	1			2.5	Y
PTX08-1005		8/15/2016	Trichloroethene	25	1			0.56	Y
PTX08-1006		8/15/2016	TNX	4.86	1.33		J	1.55	Y
PTX08-1006		2/9/2016	4-Amino-2,6-Dinitrotoluene	8.42	0.269			0.7	Y
PTX08-1006		2/9/2016	RDX	134	13.4			0.7	Y
PTX08-1006		2/9/2016	TNX	4.98	0.269			0.7	Y
PTX08-1006		2/9/2016	Perchlorate	274	120			0.7	Y
PTX08-1006		2/9/2016	Trichloroethene	36	1			0.7	Y
PTX08-1006		8/15/2016	4-Amino-2,6-Dinitrotoluene	7.75	0.266			1.55	Y
PTX08-1006		8/15/2016	RDX	109	6.65			1.55	Y
PTX08-1006		8/15/2016	Perchlorate	326	120			1.55	Y
PTX08-1006		8/15/2016	Trichloroethene	18.4	1			1.55	Y
PTX08-1007		6/8/2016	RDX	6.76	0.266			0.56	Y
PTX08-1007		6/8/2016	Trichloroethene	11.4	1			0.56	Y
PTX08-1008		11/14/2016	Perchlorate	300	120	H	J-	1.18	Y
PTX08-1008		5/25/2016	Chromium, Total	129	10			0.89	Y
PTX08-1008		5/25/2016	Perchlorate	172	60			0.89	Y
PTX08-1008		11/14/2016	Chromium, Total	147	10			1.18	Y
PTX08-1008		11/14/2016	Chromium, Hexavalent	138	50			1.18	Y
PTX10-1014		5/24/2016	RDX	2.61	0.259		J	52	Y
PTX10-1014		5/24/2016	Chromium, Total	196	10				Y
PTX10-1014		5/24/2016	Trichloroethene	14.4	1			52	Y

*Arsenic, barium, and manganese are elevated in the ISPM wells because there is evidence that the treatment zone is extending beyond the ISB, pilot study, and PRB treatment systems. Volatile fatty acids, DO, and ORP have been affected in these wells (please refer to the electronic data CD in this appendix for data).

Appendix E
Expected Conditions Evaluation and COC Concentration Trends

Perched Aquifer Expected Conditions Evaluation and Concentration Trends

Perched Groundwater COC Trends Vs Expected Conditions
Trends Since Start of Remedial Action (2009)

Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	COC Expected Condition - LTM Design	COC>GWPS	Indicator List Monitoring Frequency	Trend Since Start of Remedial Action			
							RDX	Perc	TCE	CR-6
Zone 11	1114-MW4	UM	Trend/Compare to GWPS	Long-term decreasing trend	PERC, TCE	Semi-Annual	N/A	Increasing	Decreasing	N/A
North	OW-WR-38	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX	Annual	No Trend	N/A	Probably Increasing	N/A
Burning Ground	PTX01-1001	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	NONE	Semi-Annual	N/A	N/A	Decreasing	N/A
Burning Ground	PTX01-1002	UM	Compare to GWPS	Below background/PQL and GWPS	NONE	Annual	N/A	ND	ND	N/A
Burning Ground	PTX01-1004	PS	Dry			NA	Dry	Dry	Dry	Dry
Burning Ground	PTX01-1008	UM	Compare to GWPS	Below background/PQL and GWPS	NONE	Semi-Annual	N/A	ND	ND	N/A
Burning Ground	PTX01-1009	PS	Dry			NA	Dry	Dry	Dry	Dry
Miscellaneous	PTX04-1001	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	NONE	5 Yrs	N/A	N/A	N/A	N/A
Miscellaneous	PTX04-1002	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	NONE	Annual	Stable	N/A	Decreasing	N/A
Southeast	PTX06-1002A	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNX	Semi-Annual	Decreasing	N/A	No Trend	N/A
Southeast	PTX06-1003	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations		Annual	NS*	NS*	NS*	NS*
Southeast	PTX06-1005	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	DNT2A, DNT4A, RDX, TNB135, TNX,	Semi-Annual	Decreasing	N/A	Increasing	No Trend
Zone 11	PTX06-1006	PS	Trend/Compare to GWPS	Long-term decreasing trend	RDX, PERC, DNT4A	Annual	Decreasing	No Trend	No Trend	N/A
Zone 11	PTX06-1007	UM	Trend/Compare to GWPS	Long-term decreasing trend	PERC, DNT4A	Annual	No Trend	Probably Increasing	Decreasing	N/A
Southeast, Zone 11	PTX06-1008	UM	Trend/Compare to GWPS	Long-term decreasing trend	DCA12	Annual	ND	N/A	Decreasing	N/A
Southeast	PTX06-1010	UM	Trend/Compare to GWPS	Long-term decreasing trend	CR, CR6, RDX	Semi-Annual	Decreasing	N/A	Increasing	Stable
Southeast, Zone 11	PTX06-1011	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	TCE	Annual	No Trend	N/A	No Trend	No Trend
Zone 11	PTX06-1012	PS, RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	DCA12, TCE, DCE12C,	Quarterly	NT	NT	NT	NT
Southeast	PTX06-1013	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX	Semi-Annual	Decreasing	N/A	ND	ND
Southeast	PTX06-1014	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNX, DNT2A, DNT4A, DNT24	Annual	No Trend	N/A	N/A	N/A
Southeast	PTX06-1015	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNX, DNT4A	Semi-Annual	Decreasing	N/A	Decreasing	Increasing
Southeast	PTX06-1023	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	NONE	Semi-Annual	Decreasing	N/A	ND	N/A
Southeast	PTX06-1030	RAE	Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNX, DNT2A, DNT4A	Semi-Annual	Decreasing	N/A	N/A	Decreasing
Southeast	PTX06-1031	RAE	Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNX, DNT4A, CR	Semi-Annual	No Trend	N/A	Increasing	Decreasing
Southeast	PTX06-1034	RAE	Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNX, DNT4A	Semi-Annual	Increasing	N/A	No Trend	Decreasing

Perched Groundwater COC Trends Vs Expected Conditions
Trends Since Start of Remedial Action (2009)

Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	COC Expected Condition - LTM Design	COC>GWPS	Indicator List Monitoring Frequency	Trend Since Start of Remedial Action			
							RDX	Perc	TCE	CR-6
Zone 11	PTX06-1035	PS	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	PERC	Semi-Annual	ND	Increasing	Increasing	N/A
Southeast	PTX06-1036	PS	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	NONE	Annual	NS*	NS*	NS*	NS*
Southeast	PTX06-1037	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	NONE	Quarterly	NT	NT	NT	NT
Southeast	PTX06-1038	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	TNT, RDX, DNX, TNX, DNT2A,	Semi-Annual	Decreasing	N/A	ND	Decreasing
Southeast	PTX06-1039A	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	TNT, RDX, DNX, TNX, DNT2A,	Semi-Annual	Decreasing	N/A	ND	N/A
Southeast	PTX06-1040	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, DNX, TNX, DNT2A, DNT4A,	Semi-Annual	No Trend	N/A	ND	Decreasing
Southeast	PTX06-1041	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	TNT, RDX, DNX, TNX, DNT2A,	Semi-Annual	Increasing	N/A	ND	Decreasing
Southeast	PTX06-1042	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, MNX, TNX, DNT4A	Semi-Annual	Decreasing	N/A	ND	N/A
Southeast	PTX06-1045	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years		Quarterly	NS*	NS*	NS*	NS*
Southeast	PTX06-1046	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNX, DNT2A, DNT4A	Semi-Annual	Increasing	N/A	Increasing	No Trend
Southeast	PTX06-1047A	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNX, DNT4A	Semi-Annual	Decreasing	N/A	No Trend	N/A
North	PTX06-1048A	PS, RAE	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	NONE	Annual	ND	N/A	Probably Increasing	N/A
Miscellaneous	PTX06-1049	PS, UM	Compare to GWPS	Below background/PQL and GWPS	DNT4A, RDX	Annual	Increasing	N/A	Increasing	N/A
North	PTX06-1050	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNX, DNT4A	Semi-Annual	Decreasing	N/A	ND	N/A
Southeast	PTX06-1051	PS	Dry			NA	Dry	Dry	Dry	Dry
Southeast	PTX06-1052	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	CR,CR-6	Semi-Annual	N/A	N/A	Decreasing	Decreasing
Southeast, Zone 11	PTX06-1053	PS, UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	NONE	Semi-Annual	No Trend	ND	ND	N/A
Miscellaneous	PTX06-1055	PS	Dry			NA	Dry	Dry	Dry	Dry
Southeast	PTX06-1069	PS	Trend/Compare to GWPS	Stable or decreasing trend below GWPS		Annual	N/A	N/A	ND	N/A
Miscellaneous	PTX06-1071	UM	Compare to GWPS	Below background/PQL and GWPS		5 Yrs	N/A	N/A	N/A	N/A
Zone 11	PTX06-1073A	PS	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations		NA	NS*	NS*	NS*	NS*
Zone 11	PTX06-1077A	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	TCE	Annual	Decreasing	Probably Increasing	Decreasing	N/A
Miscellaneous	PTX06-1080	UM	Compare to GWPS	Below background/PQL and GWPS		5 Yrs	N/A	N/A	N/A	N/A
Miscellaneous	PTX06-1081	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	NONE	Annual	N/A	N/A	Stable	N/A
Miscellaneous	PTX06-1082	UM	Compare to GWPS	Below background/PQL and GWPS		5 Yrs	N/A	N/A	N/A	N/A

Perched Groundwater COC Trends Vs Expected Conditions
Trends Since Start of Remedial Action (2009)

Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	COC Expected Condition - LTM Design	COC>GWPS	Indicator List Monitoring Frequency	Trend Since Start of Remedial Action			
							RDX	Perc	TCE	CR-6
Miscellaneous	PTX06-1083	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS		5 Yrs	N/A	N/A	N/A	N/A
Miscellaneous	PTX06-1085	UM	Compare to GWPS	Below background/PQL and GWPS	NONE	Annual	ND	N/A	ND	N/A
Miscellaneous	PTX06-1086	UM	Compare to GWPS	Below background/PQL and GWPS	NONE	Annual	ND	N/A	ND	N/A
Southeast	PTX06-1088	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	TCE, RDX, DNT24, DNT4A, PCE	Semi-Annual	Decreasing	N/A	Decreasing	Decreasing
Southeast	PTX06-1089	PS	Dry			NA	Dry	Dry	Dry	Dry
Southeast	PTX06-1090	PS	Dry			NA	Dry	Dry	Dry	Dry
Southeast	PTX06-1091	PS	Dry			NA	Dry	Dry	Dry	Dry
Southeast	PTX06-1093	PS	Dry			NA	Dry	Dry	Dry	Dry
Southeast	PTX06-1094	PS	Dry			NA	Dry	Dry	Dry	Dry
Southeast	PTX06-1095A	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNX, DNT4A, DNT2A, TCE, CR,	Semi-Annual	Increasing	N/A	Increasing	Decreasing
Miscellaneous	PTX06-1096A	PS, UM	Dry	Remain dry		NA	Dry	Dry	Dry	Dry
Miscellaneous	PTX06-1097	PS, UM	Dry	Remain dry		NA	Dry	Dry	Dry	Dry
Southeast	PTX06-1098	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	NONE	Semi-Annual	NT	NT	NT	NT
Southeast	PTX06-1100	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	NONE	Annual	NT	NT	NT	NT
Southeast	PTX06-1101	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TCE	Annual	NT	NT	NT	NT
Southeast	PTX06-1102	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations		Annual	NS*	NS*	NS*	NS*
Southeast	PTX06-1103	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations		Semi-Annual	NS*	NS*	NS*	NS*
Southeast	PTX06-1118	RAE	Trend/Compare to GWPS	Long-term stabilization of concentrations		Annual	NS*	NS*	NS*	NS*
Southeast	PTX06-1119	PS	Dry	Remain dry		NA	Dry	Dry	Dry	Dry
Southeast	PTX06-1120	PS	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNX, DNT2A, DNT4A	NA	Decreasing	NT	Decreasing	No Trend
Southeast	PTX06-1121	PS	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations		NA	NS*	NS*	NS*	NS*
Southeast	PTX06-1122	PS	Dry	Remain dry		NA	Dry	Dry	Dry	Dry
Southeast	PTX06-1123	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	TNX	Quarterly	NT	NT	NT	NT
Southeast	PTX06-1124	PS	Dry	Remain dry		NA	Dry	Dry	Dry	Dry
Southeast	PTX06-1125	PS	Dry	Remain dry		NA	Dry	Dry	Dry	Dry

Perched Groundwater COC Trends Vs Expected Conditions
Trends Since Start of Remedial Action (2009)

Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	COC Expected Condition - LTM Design	COC>GWPS	Indicator List Monitoring Frequency	Trend Since Start of Remedial Action			
							RDX	Perc	TCE	CR-6
Zone 11	PTX06-1126	PS, UM	Trend/Compare to GWPS	Long-term decreasing trend	TCE, PERC, DIOXANE14,	Semi-Annual	No Trend	Decreasing	Decreasing	No Trend
Zone 11	PTX06-1127	PS, UM	Trend/Compare to GWPS	Long-term decreasing trend	TCE, PERC, DIOXANE14,	Semi-Annual	Increasing	Decreasing	No Trend	N/A
Southeast	PTX06-1130	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNX, DNT2A, DNT4A, CR	Semi-Annual	NS*	NS*	NS*	NS*
Miscellaneous	PTX06-1131	UM	Compare to GWPS	Below background/PQL and GWPS	NONE	Semi-Annual	N/A	NT	ND	N/A
Southeast	PTX06-1133A	PS	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations		Semi-Annual	N/A	NT	ND	N/A
Zone 11	PTX06-1134	PS	Trend/Compare to GWPS	Long-term decreasing trend	DNT4A	Semi-Annual	N/A	Increasing	Probably Increasing	NT
Southeast	PTX06-1135	PS	Trend/Compare to GWPS	Long-term decreasing trend	NONE	Semi-Annual	Decreasing	NT	ND	N/A
North	PTX06-1136	PS	Trend/Compare to GWPS	Long-term decreasing trend	NONE	Semi-Annual	NS*	NS*	NS*	NS*
Southeast	PTX06-1146	PS	Trend/Compare to GWPS	Long-term decreasing trend	RDX, TNX, DNT4A	Semi-Annual	Decreasing	NT	ND	Increasing
Southeast	PTX06-1147	PS	Trend/Compare to GWPS	Long-term decreasing trend	RDX, MNX, DNX, TNX, DNT4A	Semi-Annual	No Trend	NT	Decreasing	N/A
Zone 11	PTX06-1148	PS, RAE	Trend/Compare to GWPS	Below GWPS in 5 -10 years	PERC	Semi-Annual	NT	NT	NT	NT
Zone 11	PTX06-1149	PS	Trend/Compare to GWPS	Below GWPS in 5 -10 years	NONE	Semi-Annual	NT	NT	NT	NT
Zone 11	PTX06-1150	PS, RAE	Trend/Compare to GWPS	Below GWPS in 5 -10 years	PERC	Semi-Annual	NT	NT	NT	NT
Zone 11	PTX06-1151	PS	Trend/Compare to GWPS	Long-term decreasing trend	TCE, DCA12, RDX, PERC	Semi-Annual	Decreasing	Decreasing	Decreasing	N/A
Southeast	PTX06-1153	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	RDX, MNX, TNX, CR, CR-6, DNT4A,	Quarterly	NT	NT	NT	NT
Southeast	PTX06-1154	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	TNX	Quarterly	NT	NT	NT	NT
Zone 11	PTX06-1155	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	TCE, DCA12, DCE12C,	Quarterly	NT	NT	NT	NT
Zone 11	PTX06-1156	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	NONE	Quarterly	NT	NT	NT	NT
Southeast	PTX06-1158	PS	Water Level, Trend/Compare to GWPS	Long-term decreasing trend		Semi-Annual	NT	NT	NT	NT
Zone 11	PTX06-1159	PS, RAE	Trend/Compare to GWPS	Long-term decreasing trend	TCE, DCA12, PERC, DNT4A	Semi-Annual	N/A	Increasing	Increasing	NT
Zone 11	PTX06-1160	PS	Trend/Compare to GWPS	Long-term decreasing trend	NONE	Semi-Annual	N/A	ND	N/A	NT
Southeast	PTX06-1166	PS	Trend/Compare to GWPS	Long-term decreasing trend	RDX, TCE	Semi-Annual	Decreasing	NT	Decreasing	Probably Increasing
Southeast	PTX06-1167	RAE	Trend/Compare to GWPS	Long-term decreasing trend		Semi-Annual	NT	NT	NT	NT
North	PTX07-1O01	PS, UM, RAE	Trend/Compare to GWPS	Long-term decreasing trend	RDX	Semi-Annual	NS*	NS*	NS*	NS*
North	PTX07-1O02	PS, UM, RAE	Trend/Compare to GWPS	Long-term decreasing trend	NONE	Semi-Annual	Decreasing	N/A	Increasing	N/A

Perched Groundwater COC Trends Vs Expected Conditions
Trends Since Start of Remedial Action (2009)

Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	COC Expected Condition - LTM Design	COC>GWPS	Indicator List Monitoring Frequency	Trend Since Start of Remedial Action			
							RDX	Perc	TCE	CR-6
North	PTX07-1O03	PS, UM, RAE	Trend/Compare to GWPS	Long-term decreasing trend	RDX, TNX	Annual	Increasing	N/A	N/A	N/A
North	PTX07-1O06	PS, UM, RAE	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	NONE	Annual	NS*	NS*	NS*	NS*
Zone 11	PTX07-1P02	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	NONE	Semi-Annual	Increasing	N/A	ND	N/A
Zone 11	PTX07-1P05	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	RDX	Annual	NS*	NS*	NS*	NS*
Miscellaneous	PTX07-1Q01	UM	Compare to GWPS	Below background/PQL and GWPS	NONE	Annual	ND	N/A	ND	N/A
Miscellaneous	PTX07-1Q02	UM	Compare to GWPS	Below background/PQL and GWPS	NONE	Annual	ND	N/A	ND	N/A
Miscellaneous	PTX07-1Q03	UM	Compare to GWPS	Below background/PQL and GWPS	NONE	Annual	ND	N/A	ND	N/A
Miscellaneous	PTX07-1R03	UM	Compare to GWPS	Below background/PQL and GWPS		5 Yrs	N/A	N/A	N/A	N/A
Zone 11	PTX08-1001	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNX	Annual	No Trend	Decreasing	ND	N/A
Southeast	PTX08-1002	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, MNX, TNX, DNT2A, DNT4A	Semi-Annual	Decreasing	N/A	ND	ND
Zone 11	PTX08-1003	PS	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	NONE	Annual	Increasing	Decreasing	Decreasing	N/A
Zone 11	PTX08-1005	UM	Trend/Compare to GWPS	Long-term decreasing trend	TCE, DNT4A	Semi-Annual	No Trend	Decreasing	Decreasing	Decreasing
Zone 11	PTX08-1006	UM	Trend/Compare to GWPS	Long-term decreasing trend	RDX, TNX, PERC, DNT4A, TCE, PCE,	Semi-Annual	Decreasing	Decreasing	Increasing	N/A
Southeast, Zone 11	PTX08-1007	UM	Trend/Compare to GWPS	Long-term decreasing trend	TCE, RDX	Annual	No Trend	N/A	Decreasing	Decreasing
Southeast, Zone 11	PTX08-1008	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	CR, CR-6	Semi-Annual	N/A	Increasing	N/A	Decreasing
Southeast	PTX08-1009	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	NONE	Semi-Annual	Decreasing	N/A	N/A	Increasing
Miscellaneous	PTX08-1010	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS		5 Yrs	N/A	N/A	N/A	N/A
Southeast, Zone 11	PTX10-1014	UM	Trend/Compare to GWPS	Long-term decreasing trend	TCE	Annual	No Trend	Decreasing	Decreasing	N/A

NT - Trends were not calculated for this COC in this well. Well is dry or the COC was not sampled during 2015, based on SAP.
N/A - Trending could not be performed, either due to a) <4 samples in dataset or b) <4 Detections in dataset
ND - all samples were non-detect
UM = Uncertainty management
PS = Plume stability
RAE = Response action effectiveness
NS* = well not sampled due to either dry conditions or insufficient water for sampling

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
1114-MW4	RDX	3/19/1996	11/15/2016	33	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	2	No	0	0.00	0	A (<4 Detections in Datas
1114-MW4	HMX	3/19/1996	11/15/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
1114-MW4	TNT	3/19/1996	11/15/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
1114-MW4	DNT24	3/19/1996	11/15/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
1114-MW4	DNT26	3/19/1996	11/15/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
1114-MW4	DNT2A	3/19/1996	11/15/2016	33	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
1114-MW4	DNT4A	3/19/1996	11/15/2016	33	17	No	0.94509	123.00	0.971	Increasing	4	4	No	0.06754	6.00	0.958	Increasing	15	13	No	0.52270341	-18.00	1	Decreasing
1114-MW4	TNB135	3/19/1996	11/15/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
1114-MW4	DNB13	3/19/1996	11/15/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
1114-MW4	DIOXANE14	5/13/2003	11/15/2016	21	11	No	1.0843	-39.00	1	Decreasing	4	4	No	0.181765	6.00	0.958	Increasing	15	9	No	0.58200459	21.00	0.836	No Trend
1114-MW4	PCE	3/19/1996	11/15/2016	35	29	No	0.41481	-31.00	1	Decreasing	4	4	No	0.108265	2.00	0.625	No Trend	15	15	No	0.27547499	-71.00	1	Decreasing
1114-MW4	TCE	3/19/1996	11/15/2016	36	36	No	0.52892	228.00	0.999	Increasing	4	4	No	0.057939	0.00	0.375	Stable	15	15	No	0.18453776	-72.00	1	Decreasing
1114-MW4	DCE12C	3/19/1996	11/15/2016	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
1114-MW4	DCA12	3/19/1996	11/15/2016	34	21	No	0.56749	68.00	0.8385	No Trend	4	4	No	0.142111	4.00	0.833	No Trend	15	15	No	0.43249808	-75.00	1	Decreasing
1114-MW4	TCLME	3/19/1996	11/15/2016	34	24	No	0.37483	90.00	0.9055	Probably Increasing	4	4	No	0.103291	-2.00	1	Decreasing	15	14	No	0.30449008	-35.00	1	Decreasing
1114-MW4	PERC	4/22/2002	11/15/2016	23	23	No	0.62536	-19.00	1	Decreasing	4	4	No	0.167095	6.00	0.958	Increasing	15	15	No	0.18345833	63.00	1	Increasing
1114-MW4	B	3/19/1996	11/15/2016	30	28	No	0.17441	-86.00	1	Decreasing	4	4	No	0.086037	6.00	0.958	Increasing	15	15	No	0.08240185	16.00	0.767	No Trend
1114-MW4	CR	3/19/1996	11/15/2016	19	15	No	1.37081	83.00	0.998	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
1114-MW4	CR-6	3/19/1996	11/15/2016	19	6	No	0.41828	-15.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
1114-MW4	MN	3/19/1996	5/24/2016	21	13	No	1.28457	60.00	1	Increasing	4	4	No	0.427082	4.00	0.833	No Trend	4	4	No	0.42708228	4.00	0.833	No Trend
1114-MW4	NI	3/19/1996	11/15/2016	19	10	No	1.58218	62.00	0.9845	Increasing	4	4	No	1.528927	4.00	0.833	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
1114-MW4	MO	3/19/1996	5/20/2009	17	14	No	0.26472	-19.00	1	Decreasing	4	4	No	0.124129	-2.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
1114-MW4	AL	3/19/1996	5/24/2016	21	9	No	1.36104	11.00	0.6175	No Trend	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
1114-MW4	AS	3/19/1996	11/15/2016	17	10	No	0.61478	31.00	0.89	No Trend	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
1114-MW4	BA	3/19/1996	11/15/2016	23	23	No	0.16055	157.00	1	Increasing	4	4	No	0.123367	4.00	0.833	No Trend	6	6	No	0.09548783	3.00	0.64	No Trend
1114-MW4	CA	3/19/1996	5/24/2016	18	18	No	0.11572	68.00	0.9955	Increasing	4	4	No	0.035169	4.00	0.833	No Trend	4	4	No	0.03516911	4.00	0.833	No Trend
1114-MW4	FE	3/19/1996	5/24/2016	21	19	No	1.09461	88.00	1	Increasing	4	4	No	0.352284	4.00	0.833	No Trend	4	4	No	0.35228408	4.00	0.833	No Trend
1114-MW4	K	3/19/1996	5/24/2016	18	18	No	0.07986	21.00	0.773	No Trend	4	4	No	0.028274	0.00	0.375	Stable	4	4	No	0.02827433	0.00	0.375	Stable
1114-MW4	MG	3/19/1996	5/24/2016	21	21	No	0.15216	118.00	1	Increasing	4	4	No	0.058212	0.00	0.375	Stable	4	4	No	0.0582115	0.00	0.375	Stable
1114-MW4	NA	3/19/1996	5/24/2016	18	18	No	0.12939	74.00	0.9975	Increasing	4	4	No	0.083479	-2.00	1	Decreasing	4	4	No	0.08347878	-2.00	1	Decreasing
OW-WR-38	RDX	1/16/1992	4/27/2016	21	18	No	0.60228	-100.00	1	Decreasing	4	4	No	0.601814	6.00	0.958	Increasing	8	8	No	0.5432013	4.00	0.64	No Trend
OW-WR-38	HMX	1/16/1992	4/27/2016	21	15	No	0.55289	-110.00	1	Decreasing	4	4	No	0.253936	4.00	0.833	No Trend	8	8	No	0.32755466	-6.00	1	Decreasing
OW-WR-38	TNT	1/16/1992	4/27/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
OW-WR-38	DNT24	11/15/1995	4/27/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
OW-WR-38	DNT26	11/15/1995	4/27/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
OW-WR-38	DNT2A	11/15/1995	4/27/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
OW-WR-38	DNT4A	11/15/1995	4/27/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
OW-WR-38	TNB135	11/15/1995	4/27/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
OW-WR-38	DNB13	11/15/1995	4/27/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
OW-WR-38	DIOXANE14	8/10/2011	4/27/2016	2	1	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	1	No	0	0.00	0	/A (<4 Samples in Datase
OW-WR-38	PCE	4/12/1993	4/27/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
OW-WR-38	TCE	11/15/1995	4/27/2016	18	5	No	0.91602	-40.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	8	5	No	0.17555981	13.00	0.9285	Probably Increasing
OW-WR-38	DCE12C	3/20/1996	4/27/2016	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
OW-WR-38	DCA12	11/15/1995	4/27/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
OW-WR-38	TCLME	4/12/1993	4/27/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
OW-WR-38	PERC	10/4/2000	4/24/2003	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
OW-WR-38	B	4/12/1993	4/27/2016	30	30	No	0.19627	-227.00	1	Decreasing	4	4	No	0.105496	4.00	0.833	No Trend	8	8	No	0.10232399	-10.00	1	Decreasing
OW-WR-38	CR	1/16/1992	4/27/2016	26	26	No	1.39172	52.00	0.868	No Trend	4	4	No	1.290311	-2.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
OW-WR-38	CR-6	3/20/1996	4/27/2016	19	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
OW-WR-38	MN	1/16/1992	4/27/2016	28	23	No	1.82573	140.00	0.997	Increasing	4	4	No	1.433723	-4.00	1	Decreasing	4	4	No	1.43372258	-4.00	1	Decreasing
OW-WR-38	NI	4/12/1993	4/27/2016	24	24	No	0.5557	66.00	0.946	Probably Increasing	4	4	No	0.974066	-6.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
OW-WR-38	MO	4/12/1993	4/24/2003	22	22	No	0.85015	65.00	1	Increasing	4	4	No	0.333119	0.00	0.375	Stable	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
OW-WR-38	AL	4/12/1993	4/27/2016	26	12	No	0.82623	41.00	0.809	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
OW-WR-38	AS	1/16/1992	4/27/2016	26	4	No	0.44721	4.00	0.526	No Trend	4	1	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
OW-WR-38	BA	1/16/1992	4/27/2016	29	29	No	0.12494	135.00	0.9945	Increasing	4	4	No	0.258263	0.00	0.375	Stable	5	5	No	0.22266697	-2.00	1	Decreasing
OW-WR-38	CA	4/12/1993	4/27/2016	23	23	No	0.16296	-110.00	1	Decreasing	4	4	No	0.287026	-4.00	1	Decreasing	4	4	No	0.28702618	-4.00	1	Decreasing
OW-WR-38	FE	1/16/1992	4/27/2016	28	28	No	1.49737	91.00	0.9625	Increasing	4	4	No	1.152798	-4.00	1	Decreasing	4	4	No	1.15279848	-4.00	1	Decreasing
OW-WR-38	K	4/12/1993	4/27/2016	23	23	No	0.18676	-88.00	1	Decreasing	4	4	No	0.11785	2.00	0.625	No Trend	4	4	No	0.11784957	2.00	0.625	No Trend
OW-WR-38	MG	4/12/1993	4/27/2016	26	26	No	0.10366	-188.00	1	Decreasing	4	4	No	0.23965	-2.00	1	Decreasing	4	4	No	0.23965008	-2.00	1	Decreasing
OW-WR-38	NA	4/12/1993	4/27/2016	23	23	No	0.11167	-8.00	1	Decreasing	4	4	No	0.116703	-4.00	1	Decreasing	4	4	No	0.11670321	-4.00	1	Decreasing
PTX01-1001	RDX	11/15/1995	10/26/2016	64	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	A (<4 Detections in Datas
PTX01-1001	HMX	11/15/1995	10/26/2016	64	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	TNT	11/15/1995	10/26/2016	64	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	DNT24	11/15/1995	10/26/2016	64	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	DNT26	11/15/1995	10/26/2016	64	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	DNT2A	11/15/1995	10/26/2016	64	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	DNT4A	11/15/1995	10/26/2016	61	4	No	0.55577	-390.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	2	No	0	0.00	0	A (<4 Detections in Datas
PTX01-1001	TNB135	11/15/1995	10/26/2016	64	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	DNB13	11/15/1995	10/26/2016	60	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	DIOXANE14	7/31/2001	10/26/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX01-1001	PCE	11/15/1995	10/26/2016	60	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	TCE	11/15/1995	10/26/2016	65	35	No	1.53801	116.00	1	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	14	No	0.34779876	-44.00	1	Decreasing
PTX01-1001	DCE12C	11/15/1995	10/26/2016	61	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	DCA12	11/15/1995	10/26/2016	60	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	TCLME	11/15/1995	10/26/2016	59	5	No	0.74467	-13.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	PERC	8/19/1999	10/26/2016	46	24	No	1.74015	-88.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	3	No	0	0.00	0	A (<4 Detections in Datas
PTX01-1001	B	11/15/1995	10/26/2016	60	53	No	0.28084	328.00	1	Increasing	4	4	No	0.07848	0.00	0.375	Stable	15	15	No	0.09547128	-12.00	1	Decreasing
PTX01-1001	CR	11/15/1995	10/26/2016	50	41	No	2.54631	591.00	1	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX01-1001	CR-6	4/21/1996	10/26/2016	46	10	No	0.48609	-55.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX01-1001	MN	11/15/1995	6/21/2016	51	21	No	0.92141	503.00	1	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX01-1001	NI	11/15/1995	10/26/2016	48	27	No	1.11479	267.00	1	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX01-1001	MO	11/15/1995	5/21/2009	46	40	No	0.59409	-4.00	1	Decreasing	4	4	No	0.394392	2.00	0.625	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX01-1001	AL	11/15/1995	6/21/2016	51	24	No	1.81091	85.00	1	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	AS	11/15/1995	10/26/2016	47	21	No	0.52408	306.00	1	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX01-1001	BA	11/15/1995	10/26/2016	53	53	No	0.193	465.00	1	Increasing	4	4	No	0.081265	-2.00	1	Decreasing	6	6	No	0.07392512	3.00	0.64	No Trend
PTX01-1001	CA	11/15/1995	6/21/2016	31	31	No	0.20879	-33.00	1	Decreasing	4	4	No	0.072812	-2.00	1	Decreasing	4	4	No	0.07281222	-2.00	1	Decreasing
PTX01-1001	FE	11/15/1995	6/21/2016	47	40	No	1.85319	642.00	1	Increasing	4	4	No	0.386571	-6.00	1	Decreasing	4	4	No	0.38657125	-6.00	1	Decreasing

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX01-1001	K	11/15/1995	6/21/2016	31	31	No	0.10646	-68.00	1	Decreasing	4	4	No	0.034188	0.00	0.375	Stable	4	4	No	0.03418813	0.00	0.375	Stable
PTX01-1001	MG	11/15/1995	6/21/2016	51	51	No	0.14307	568.00	1	Increasing	4	4	No	0.076311	0.00	0.375	Stable	4	4	No	0.07631115	0.00	0.375	Stable
PTX01-1001	NA	11/15/1995	6/21/2016	31	31	No	0.1662	-11.00	1	Decreasing	4	4	No	0.099809	0.00	0.375	Stable	4	4	No	0.09980904	0.00	0.375	Stable
PTX01-1002	RDX	11/16/1995	7/28/2016	54	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	6	1	No	0	0.00	0	A (<4 Detections in Datas
PTX01-1002	HMX	11/16/1995	7/28/2016	54	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX01-1002	TNT	11/16/1995	7/28/2016	54	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX01-1002	DNT24	11/16/1995	7/28/2016	54	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX01-1002	DNT26	11/16/1995	7/28/2016	54	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX01-1002	DNT2A	11/16/1995	7/28/2016	54	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX01-1002	DNT4A	11/16/1995	7/28/2016	54	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX01-1002	TNB135	11/16/1995	7/28/2016	54	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX01-1002	DNB13	11/16/1995	7/28/2016	51	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX01-1002	DIOXANE14	8/7/2001	7/28/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX01-1002	PCE	11/16/1995	7/28/2016	50	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX01-1002	TCE	11/16/1995	7/28/2016	53	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX01-1002	DCE12C	11/16/1995	7/28/2016	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX01-1002	DCA12	11/16/1995	7/28/2016	50	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX01-1002	TCLME	11/16/1995	7/28/2016	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX01-1002	PERC	8/19/1999	7/28/2016	36	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX01-1002	B	11/16/1995	7/28/2016	51	42	No	0.46006	318.00	1	Increasing	4	4	No	0.133825	4.00	0.833	No Trend	6	6	No	0.13124158	7.00	0.864	No Trend
PTX01-1002	CR	11/16/1995	7/28/2016	50	32	No	0.89323	217.00	1	Increasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX01-1002	CR-6	4/21/1996	7/28/2016	45	6	No	0.43054	126.00	1	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX01-1002	MN	11/16/1995	7/28/2016	51	18	No	1.5344	512.00	1	Increasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX01-1002	NI	11/16/1995	7/28/2016	48	31	No	0.69681	-84.00	1	Decreasing	4	4	No	0.614785	-4.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX01-1002	MO	11/16/1995	5/22/2009	46	36	No	5.49436	-208.00	1	Decreasing	4	4	No	1.870185	2.00	0.625	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX01-1002	AL	11/16/1995	7/28/2016	51	22	No	1.80002	217.00	1	Increasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX01-1002	AS	11/16/1995	7/28/2016	47	20	No	0.71377	423.00	1	Increasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX01-1002	BA	11/16/1995	7/28/2016	52	52	No	0.20638	755.00	1	Increasing	4	4	No	0.036321	-4.00	1	Decreasing	5	5	No	0.09078133	-8.00	1	Decreasing
PTX01-1002	CA	11/16/1995	7/28/2016	31	31	No	0.20491	132.00	0.9875	Increasing	4	4	No	0.06147	0.00	0.375	Stable	4	4	No	0.06146973	0.00	0.375	Stable
PTX01-1002	FE	11/16/1995	7/28/2016	47	37	No	1.34452	516.00	1	Increasing	4	4	No	0.442437	-4.00	1	Decreasing	4	4	No	0.44243717	-4.00	1	Decreasing
PTX01-1002	K	11/16/1995	7/28/2016	31	31	No	0.12641	-8.00	1	Decreasing	4	4	No	0.035107	3.00	0.729	No Trend	4	4	No	0.03510685	3.00	0.729	No Trend
PTX01-1002	MG	11/16/1995	7/28/2016	51	51	No	0.20349	751.00	1	Increasing	4	4	No	0.057661	2.00	0.625	No Trend	4	4	No	0.05766135	2.00	0.625	No Trend
PTX01-1002	NA	11/16/1995	7/28/2016	31	31	No	0.60245	261.00	1	Increasing	4	4	No	0.215831	6.00	0.958	Increasing	4	4	No	0.21583061	6.00	0.958	Increasing
PTX01-1008	RDX	4/4/2001	10/26/2016	33	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	16	1	No	0	0.00	0	A (<4 Detections in Datas
PTX01-1008	HMX	4/4/2001	10/26/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	TNT	4/4/2001	10/26/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	DNT24	4/4/2001	10/26/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	DNT26	4/4/2001	10/26/2016	32	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	DNT2A	4/4/2001	10/26/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	DNT4A	4/4/2001	10/26/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	TNB135	4/4/2001	10/26/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	DNB13	4/4/2001	10/26/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	DIOXANE14	8/19/2002	10/26/2016	11	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX01-1008	PCE	4/4/2001	10/26/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	TCE	4/4/2001	10/26/2016	33	6	No	0.70784	-74.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	DCE12C	7/31/2001	10/26/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	DCA12	4/4/2001	10/26/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	TCLME	4/4/2001	10/26/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	PERC	4/4/2001	10/26/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	B	4/4/2001	10/26/2016	30	30	No	0.1785	159.00	0.998	Increasing	4	4	No	0.139715	2.00	0.625	No Trend	15	15	No	0.09223279	-17.00	1	Decreasing
PTX01-1008	CR	4/4/2001	10/26/2016	20	14	No	0.64236	71.00	0.989	Increasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX01-1008	CR-6	4/4/2001	10/26/2016	16	4	No	0.61992	-17.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX01-1008	MN	4/4/2001	6/21/2016	21	16	No	0.5744	30.00	0.807	No Trend	4	4	No	0.483718	4.00	0.833	No Trend	4	4	No	0.48371819	4.00	0.833	No Trend
PTX01-1008	NI	4/4/2001	10/26/2016	18	11	No	0.64559	-72.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX01-1008	MO	4/4/2001	1/21/2009	16	16	No	0.21843	-45.00	1	Decreasing	4	4	No	0.118442	-6.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX01-1008	AL	4/4/2001	6/21/2016	21	17	No	0.66881	-16.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX01-1008	AS	4/4/2001	10/26/2016	17	7	No	0.42218	6.00	0.58	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX01-1008	BA	4/4/2001	10/26/2016	24	24	No	0.23508	6.00	0.549	No Trend	4	4	No	0.199695	2.00	0.625	No Trend	6	6	No	0.20336476	3.00	0.64	No Trend
PTX01-1008	CA	4/4/2001	6/21/2016	8	8	No	0.15715	18.00	0.984	Increasing	4	4	No	0.098007	4.00	0.833	No Trend	4	4	No	0.09800715	4.00	0.833	No Trend
PTX01-1008	FE	4/4/2001	6/21/2016	21	18	No	0.9122	81.00	1	Increasing	4	4	No	0.315873	0.00	0.375	Stable	4	4	No	0.31587251	0.00	0.375	Stable
PTX01-1008	K	4/4/2001	6/21/2016	12	12	No	0.06057	12.00	0.77	No Trend	4	4	No	0.075795	4.00	0.833	No Trend	4	4	No	0.07579533	4.00	0.833	No Trend
PTX01-1008	MG	4/4/2001	6/21/2016	21	21	No	0.11514	-79.00	1	Decreasing	4	4	No	0.079065	0.00	0.375	Stable	4	4	No	0.07906473	0.00	0.375	Stable
PTX01-1008	NA	4/4/2001	6/21/2016	12	12	No	0.27098	-16.00	1	Decreasing	4	4	No	0.325313	4.00	0.833	No Trend	4	4	No	0.32531295	4.00	0.833	No Trend
PTX04-1001	RDX	8/25/1998	4/25/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	HMX	8/25/1998	4/25/2016	12	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	TNT	8/25/1998	4/25/2016	12	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	DNT24	8/25/1998	4/25/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	DNT26	8/25/1998	4/25/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	DNT2A	8/25/1998	4/25/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	DNT4A	8/25/1998	4/25/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	TNB135	8/25/1998	4/25/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	DNB13	8/25/1998	4/25/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	DIOXANE14	7/21/2011	4/25/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	PCE	8/25/1998	4/25/2016	13	3	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	TCE	8/25/1998	4/25/2016	13	11	No	0.4134	-38.00	1	Decreasing	4	4	No	0.331416	-3.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	DCE12C	1/26/2000	4/25/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	DCA12	8/25/1998	4/25/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	TCLME	8/25/1998	4/25/2016	13	3	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	PERC	1/22/2001	10/27/2003	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	B	8/25/1998	4/25/2016	12	12	No	0.08743	-4.00	1	Decreasing	4	4	No	0.142609	-5.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	CR	8/25/1998	4/25/2016	12	12	No	0.49438	14.00	0.81	No Trend	4	4	No	0.451623	-2.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	CR-6	8/25/1998	4/25/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	MN	8/25/1998	4/25/2016	12	11	No	0.85188	-8.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	NI	8/25/1998	4/25/2016	12	5	No	1.29952	7.00	0.656	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	MO	8/25/1998	10/27/2003	10	9	No	0.45293	11.00	1	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	AL	8/25/1998	4/25/2016	12	8	No	1.24878	15.00	0.8275	No Trend	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	AS	8/25/1998	4/25/2016	12	3	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX04-1001	BA	8/25/1998	4/25/2016	12	12	No	0.25794	-30.00	1	Decreasing	4	4	No	0.376096	-6.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	CA	8/25/1998	4/25/2016	7	7	No	0.07147	-11.00	1	Decreasing	4	4	No	0.082765	-4.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	FE	8/25/1998	4/25/2016	12	12	No	1.10543	10.00	0.727	No Trend	4	4	No	0.709977	6.00	0.958	Increasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	K	8/25/1998	4/25/2016	7	7	No	0.07653	-9.00	1	Decreasing	4	4	No	0.096926	-4.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	MG	8/25/1998	4/25/2016	12	12	No	0.07148	-24.00	1	Decreasing	4	4	No	0.094396	-6.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX04-1001	NA	8/25/1998	4/25/2016	7	7	No	0.05768	-11.00	1	Decreasing	4	4	No	0.053869	-2.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX04-1002	RDX	8/25/1998	4/25/2016	27	16	No	0.43715	-98.00	1	Decreasing	4	4	No	0.609108	-2.00	1	Decreasing	7	7	No	0.52911473	0.00	0.437333333	Stable
PTX04-1002	HMX	8/25/1998	4/25/2016	27	21	No	1.74224	155.00	1	Increasing	4	4	No	0.098474	0.00	0.375	Stable	7	7	No	0.09969888	-7.00	1	Decreasing
PTX04-1002	TNT	8/25/1998	4/25/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX04-1002	DNT24	8/25/1998	4/25/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX04-1002	DNT26	8/25/1998	4/25/2016	27	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX04-1002	DNT2A	8/25/1998	4/25/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX04-1002	DNT4A	8/25/1998	4/25/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX04-1002	TNB135	8/25/1998	4/25/2016	27	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX04-1002	DNB13	8/25/1998	4/25/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX04-1002	DIOXANE14	8/1/2005	4/25/2016	7	5	No	0.72453	-9.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX04-1002	PCE	8/25/1998	4/25/2016	25	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX04-1002	TCE	8/25/1998	4/25/2016	29	24	No	0.70677	-265.00	1	Decreasing	4	4	No	0.167586	0.00	0.375	Stable	7	7	No	0.23974831	-10.00	1	Decreasing
PTX04-1002	DCE12C	1/26/2000	4/25/2016	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX04-1002	DCA12	8/25/1998	4/25/2016	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX04-1002	TCLME	8/25/1998	4/25/2016	24	5	No	0.95345	-89.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	7	2	No	0	0.00	0	A (<4 Detections in Datas
PTX04-1002	PERC	10/5/1999	1/22/2009	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX04-1002	B	8/25/1998	4/25/2016	30	30	No	0.09963	171.00	0.999	Increasing	4	4	No	0.04878	-1.00	1	Decreasing	7	7	No	0.03594021	-4.00	1	Decreasing
PTX04-1002	CR	8/25/1998	4/25/2016	27	26	No	0.67448	-240.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX04-1002	CR-6	8/25/1998	4/25/2016	27	24	No	0.68985	-224.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX04-1002	MN	8/25/1998	4/25/2016	28	23	No	1.42377	-58.00	1	Decreasing	4	4	No	0.350232	0.00	0.375	Stable	4	4	No	0.35023236	0.00	0.375	Stable
PTX04-1002	NI	8/25/1998	4/25/2016	25	22	No	1.05267	4.00	0.528	No Trend	4	4	No	0.160153	-2.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX04-1002	MO	8/25/1998	1/22/2009	24	18	No	1.26207	-11.00	1	Decreasing	4	4	No	0.032991	0.00	0.375	Stable	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX04-1002	AL	8/25/1998	4/25/2016	29	22	No	1.65943	-106.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX04-1002	AS	8/25/1998	4/25/2016	25	4	No	0.53187	23.00	0.6945	No Trend	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX04-1002	BA	8/25/1998	4/25/2016	30	30	No	0.30772	-386.00	1	Decreasing	4	4	No	0.014143	0.00	0.375	Stable	5	5	No	0.02278233	-4.00	1	Decreasing
PTX04-1002	CA	8/25/1998	4/25/2016	17	17	No	0.08664	-68.00	1	Decreasing	4	4	No	0.039074	-2.00	1	Decreasing	4	4	No	0.03907388	-2.00	1	Decreasing
PTX04-1002	FE	8/25/1998	4/25/2016	26	25	No	1.03821	119.00	0.996	Increasing	4	4	No	0.219999	-2.00	1	Decreasing	4	4	No	0.21999856	-2.00	1	Decreasing
PTX04-1002	K	8/25/1998	4/25/2016	18	18	No	0.04941	-60.00	1	Decreasing	4	4	No	0.029766	-2.00	1	Decreasing	4	4	No	0.02976552	-2.00	1	Decreasing
PTX04-1002	MG	8/25/1998	4/25/2016	29	29	No	0.08202	-188.00	1	Decreasing	4	4	No	0.027861	-2.00	1	Decreasing	4	4	No	0.02786148	-2.00	1	Decreasing
PTX04-1002	NA	8/25/1998	4/25/2016	18	18	No	0.09592	108.00	1	Increasing	4	4	No	0.036035	0.00	0.375	Stable	4	4	No	0.03603479	0.00	0.375	Stable
PTX06-1002A	RDX	12/4/1995	8/2/2016	33	31	No	0.68108	-97.00	1	Decreasing	4	4	No	0.351255	2.00	0.625	No Trend	15	15	No	0.6968694	-79.00	1	Decreasing
PTX06-1002A	HMX	12/4/1995	8/2/2016	33	25	No	0.91487	-259.00	1	Decreasing	4	4	No	0.435838	2.00	0.625	No Trend	15	15	No	0.73442998	-51.00	1	Decreasing
PTX06-1002A	TNT	12/4/1995	8/2/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1002A	DNT24	12/4/1995	8/2/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1002A	DNT26	12/4/1995	8/2/2016	33	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1002A	DNT2A	12/4/1995	8/2/2016	32	6	No	1.19663	-284.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	4	No	0.11438305	8.00	0.633	No Trend
PTX06-1002A	DNT4A	12/4/1995	8/2/2016	31	17	No	0.92005	-233.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	8	No	0.42292037	-45.00	1	Decreasing
PTX06-1002A	TNB135	12/4/1995	8/2/2016	32	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1002A	DNB13	12/4/1995	8/2/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1002A	DIOXANE14	4/28/2004	8/2/2016	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1002A	PCE	12/4/1995	8/2/2016	29	2	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	15	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1002A	TCE	12/4/1995	8/2/2016	30	13	No	1.9788	-58.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	9	No	0.3112984	3.00	0.539	No Trend
PTX06-1002A	DCE12C	12/4/1995	8/2/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1002A	DCA12	12/4/1995	8/2/2016	28	4	No	0.96244	-84.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	4	No	0.21301291	24.00	0.8695	No Trend
PTX06-1002A	TCLME	12/4/1995	8/2/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1002A	PERC	7/26/2000	5/7/2007	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1002A	B	12/4/1995	8/2/2016	32	32	No	0.08612	111.00	0.9625	Increasing	4	4	No	0.055917	0.00	0.375	Stable	15	15	No	0.06671885	49.00	1	Increasing
PTX06-1002A	CR	12/4/1995	8/2/2016	32	19	No	1.4262	-168.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	15	4	No	0.18419755	-10.00	1	Decreasing
PTX06-1002A	CR-6	3/12/1996	8/2/2016	34	7	No	0.41307	47.00	0.751	No Trend	4	2	No	0	0.00	0	A (<4 Detections in Datas	15	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1002A	MN	12/4/1995	8/2/2016	31	14	No	1.05992	160.00	0.997	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	8	No	1.0961626	34.00	1	Increasing
PTX06-1002A	NI	12/4/1995	8/2/2016	31	28	No	1.0703	-155.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	14	No	0.35679867	-4.00	1	Decreasing
PTX06-1002A	MO	12/4/1995	8/2/2016	31	30	No	1.065	99.00	0.952	Increasing	4	4	No	0.714336	4.00	0.833	No Trend	15	15	No	1.04399187	79.00	1	Increasing
PTX06-1002A	AL	12/4/1995	1/18/2016	20	7	No	0.78716	-82.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1002A	AS	12/4/1995	8/2/2016	16	4	No	0.60701	44.00	0.974	Increasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1002A	BA	12/4/1995	8/2/2016	22	22	No	0.28581	-161.00	1	Decreasing	4	4	No	0.564398	-6.00	1	Decreasing	6	6	No	0.44350254	-9.00	1	Decreasing
PTX06-1002A	CA	12/4/1995	1/18/2016	13	13	No	0.23167	5.00	1	Increasing	4	4	No	0.458642	-6.00	1	Decreasing	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1002A	FE	12/4/1995	8/2/2016	31	28	No	0.76591	-58.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	15	13	No	0.50300465	-46.00	1	Decreasing
PTX06-1002A	K	12/4/1995	1/18/2016	16	16	No	0.19367	18.00	0.775	No Trend	4	4	No	0.287947	4.00	0.833	No Trend	4	4	No	0.28794742	4.00	0.833	No Trend
PTX06-1002A	MG	12/4/1995	1/18/2016	19	19	No	0.1322	105.00	1	Increasing	4	4	No	0.195508	4.00	0.833	No Trend	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1002A	NA	12/4/1995	1/18/2016	16	16	No	0.25746	89.00	1	Increasing	4	4	No	0.272688	4.00	0.833	No Trend	4	4	No	0.27268842	4.00	0.833	No Trend
PTX06-1003	RDX	12/5/1995	7/20/2010	20	18	No	0.97293	-24.00	1	Decreasing	4	4	No	0.789068	4.00	0.833	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	HMX	12/5/1995	7/20/2010	20	7	No	0.93952	-67.00	1	Decreasing	4	4	No	0.867408	4.00	0.833	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	TNT	12/5/1995	7/20/2010	20	14	No	1.16949	-89.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	DNT24	12/5/1995	7/20/2010	20	8	No	0.8141	-19.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	DNT26	12/5/1995	7/20/2010	20	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	DNT2A	12/5/1995	7/20/2010	20	4	No	0.37419	-38.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	DNT4A	12/5/1995	7/20/2010	20	5	No	0.39768	-70.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	TNB135	12/5/1995	7/20/2010	19	18	No	0.74804	-85.00	1	Decreasing	4	4	No	0.645408	0.00	0.375	Stable	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	DNB13	12/5/1995	7/20/2010	19	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	DIOXANE14	10/25/2006	10/23/2007	2	1	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	PCE	12/5/1995	7/20/2010	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	TCE	12/5/1995	7/20/2010	13	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	DCE12C	12/5/1995	7/20/2010	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	DCA12	12/5/1995	7/20/2010	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	TCLME	12/5/1995	7/20/2010	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	PERC	5/1/2000	10/27/2004	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	B	12/5/1995	7/20/2010	18	18	No	0.34077	74.00	0.9975	Increasing	4	4	No	0.219198	-4.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	CR	12/5/1995	7/20/2010	20	20	No	3.01335	-68.00	1	Decreasing	4	4	No	0.565187	-4.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	CR-6	12/5/1995	7/20/2010	18	2	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	MN	12/5/1995	7/20/2010	20	18	No	0.9169	-105.00	1	Decreasing	4	4	No	1.225901	-6.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	NI	12/5/1995	7/20/2010	19	18	No	1.33041	-113.00	1	Decreasing	4	4	No	0.547373	-6.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX06-1003	MO	12/5/1995	7/20/2010	18	17	No	0.89034	-23.00	1	Decreasing	4	4	No	0.445983	-2.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	AL	12/5/1995	7/20/2010	19	10	No	1.01712	-83.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	AS	12/5/1995	10/23/2007	17	6	No	0.57307	43.00	0.958	Increasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	BA	12/5/1995	7/20/2010	19	18	No	0.31903	-107.00	1	Decreasing	4	4	No	0.424829	-4.00	1	Decreasing	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	CA	12/5/1995	7/20/2010	14	14	No	0.37412	-37.00	1	Decreasing	4	4	No	0.558797	-6.00	1	Decreasing	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	FE	12/5/1995	7/20/2010	19	19	No	1.26347	-71.00	1	Decreasing	4	4	No	0.8523	-6.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	K	12/5/1995	7/20/2010	15	15	No	0.1777	14.00	0.7365	No Trend	4	4	No	0.163378	6.00	0.958	Increasing	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	MG	12/5/1995	7/20/2010	19	19	No	0.20577	-3.00	1	Decreasing	4	4	No	0.237141	6.00	0.958	Increasing	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1003	NA	12/5/1995	7/20/2010	15	15	No	0.24916	70.00	1	Increasing	4	4	No	0.074868	6.00	0.958	Increasing	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1005	RDX	11/20/1995	8/11/2016	34	34	No	0.71512	-166.00	1	Decreasing	4	4	No	0.682416	-6.00	1	Decreasing	15	15	No	0.55603217	-46.00	1	Decreasing
PTX06-1005	HMX	11/20/1995	8/11/2016	34	33	No	0.86188	-199.00	1	Decreasing	4	4	No	0.325973	-2.00	1	Decreasing	15	15	No	0.56894134	-31.00	1	Decreasing
PTX06-1005	TNT	11/20/1995	8/11/2016	34	29	No	1.25811	-97.00	1	Decreasing	4	4	No	0.196968	-2.00	1	Decreasing	15	15	No	0.34582598	35.00	1	Increasing
PTX06-1005	DNT24	11/20/1995	8/11/2016	34	22	No	1.69574	-357.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	15	11	No	1.06170023	-87.00	1	Decreasing
PTX06-1005	DNT26	11/20/1995	8/11/2016	34	15	No	2.00244	-47.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	14	No	0.76530579	41.00	1	Increasing
PTX06-1005	DNT2A	11/20/1995	8/11/2016	34	24	No	0.71068	61.00	0.812	No Trend	4	4	No	0.262721	-4.00	1	Decreasing	15	15	No	0.32872239	-68.00	1	Decreasing
PTX06-1005	DNT4A	11/20/1995	8/11/2016	34	24	No	0.86502	72.00	0.8525	No Trend	4	4	No	0.354772	0.00	0.375	Stable	15	15	No	0.58409757	-45.00	1	Decreasing
PTX06-1005	TNB135	11/20/1995	8/11/2016	34	33	No	0.7026	-160.00	1	Decreasing	4	4	No	0.113652	4.00	0.833	No Trend	15	15	No	0.34621261	-47.00	1	Decreasing
PTX06-1005	DNB13	11/20/1995	8/11/2016	32	5	No	1.97045	-306.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1005	DIOXANE14	5/1/2006	9/28/2016	5	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1005	PCE	11/20/1995	8/11/2016	35	19	No	0.99986	317.00	1	Increasing	4	4	No	0.162796	2.00	0.625	No Trend	15	13	No	0.60605332	75.00	1	Increasing
PTX06-1005	TCE	11/20/1995	8/11/2016	36	33	No	0.95805	305.00	1	Increasing	4	4	No	0.31612	6.00	0.958	Increasing	15	15	No	0.56943487	37.00	1	Increasing
PTX06-1005	DCE12C	11/20/1995	8/11/2016	32	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1005	DCA12	11/20/1995	8/11/2016	34	27	No	0.60767	-283.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	14	No	0.41570067	-50.00	1	Decreasing
PTX06-1005	TCLME	11/20/1995	8/11/2016	34	20	No	0.81418	26.00	0.6435	No Trend	4	4	No	0.767753	6.00	0.958	Increasing	15	15	No	0.47092268	12.00	0.704	No Trend
PTX06-1005	PERC	8/23/1999	5/7/2007	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1005	B	11/20/1995	8/11/2016	33	33	No	0.47668	-304.00	1	Decreasing	4	4	No	0.233116	-6.00	1	Decreasing	15	15	No	0.2865637	-17.00	1	Decreasing
PTX06-1005	CR	11/20/1995	8/11/2016	33	33	No	2.26314	274.00	1	Increasing	4	4	No	0.178819	-2.00	1	Decreasing	15	15	No	1.47762523	11.00	0.687	No Trend
PTX06-1005	CR-6	3/14/1996	8/11/2016	33	25	No	2.32189	258.00	1	Increasing	4	4	No	0.270026	-4.00	1	Decreasing	15	14	No	1.5241445	11.00	0.687	No Trend
PTX06-1005	MN	11/20/1995	8/11/2016	32	25	No	1.01118	-32.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	9	No	1.11612488	-14.00	1	Decreasing
PTX06-1005	NI	11/20/1995	8/11/2016	32	26	No	1.30024	-70.00	1	Decreasing	4	4	No	0.389934	-2.00	1	Decreasing	15	15	No	0.56807207	-5.00	1	Decreasing
PTX06-1005	MO	11/20/1995	8/11/2016	32	32	No	0.19357	-129.00	1	Decreasing	4	4	No	0.16997	6.00	0.958	Increasing	15	15	No	0.15161571	-1.00	1	Decreasing
PTX06-1005	AL	11/20/1995	1/18/2016	21	13	No	1.51429	28.00	0.79	No Trend	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1005	AS	11/20/1995	8/11/2016	17	7	No	0.55616	45.00	0.965	Increasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1005	BA	11/20/1995	8/11/2016	23	23	No	0.12885	120.00	0.9995	Increasing	4	4	No	0.19383	-2.00	1	Decreasing	6	6	No	0.15031786	-3.00	1	Decreasing
PTX06-1005	CA	11/20/1995	1/18/2016	15	15	No	0.2932	38.00	1	Increasing	4	4	No	0.388068	4.00	0.833	No Trend	4	4	No	0.3880677	4.00	0.833	No Trend
PTX06-1005	FE	11/20/1995	8/11/2016	32	28	No	1.01643	138.00	0.987	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	13	No	0.55318969	-47.00	1	Decreasing
PTX06-1005	K	11/20/1995	1/18/2016	17	17	No	0.14365	0.00	0.484	Stable	4	4	No	0.113689	0.00	0.375	Stable	4	4	No	0.1136893	0.00	0.375	Stable
PTX06-1005	MG	11/20/1995	1/18/2016	21	21	No	0.24958	110.00	1	Increasing	4	4	No	0.376289	2.00	0.625	No Trend	4	4	No	0.37628935	2.00	0.625	No Trend
PTX06-1005	NA	11/20/1995	1/18/2016	17	17	No	0.28373	-24.00	1	Decreasing	4	4	No	0.438489	6.00	0.958	Increasing	4	4	No	0.43848935	6.00	0.958	Increasing
PTX06-1006	RDX	12/7/1995	6/22/2016	19	9	No	1.57955	54.00	0.9685	Increasing	4	4	No	0.688243	-6.00	1	Decreasing	8	8	No	0.82813358	-20.00	1	Decreasing
PTX06-1006	HMX	12/7/1995	6/22/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	TNT	12/7/1995	6/22/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	DNT24	12/7/1995	6/22/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	DNT26	12/7/1995	6/22/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	DNT2A	12/7/1995	6/22/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	DNT4A	12/7/1995	6/22/2016	18	11	No	0.9431	61.00	0.989	Increasing	4	4	No	0.164588	-2.00	1	Decreasing	8	8	No	0.50317682	8.00	0.801	No Trend
PTX06-1006	TNB135	12/7/1995	6/22/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	DNB13	12/7/1995	6/22/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	DIOXANE14	8/14/2002	6/22/2016	12	10	No	0.49253	-41.00	1	Decreasing	4	4	No	0.071234	1.00	0.5	No Trend	8	8	No	0.24585361	-9.00	1	Decreasing
PTX06-1006	PCE	12/7/1995	6/22/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	TCE	12/7/1995	6/22/2016	19	7	No	0.90068	-1.00	1	Decreasing	4	4	No	0.138469	2.00	0.625	No Trend	8	6	No	0.10857091	8.00	0.801	No Trend
PTX06-1006	DCE12C	12/7/1995	6/22/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	DCA12	12/7/1995	6/22/2016	19	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas	8	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1006	TCLME	12/7/1995	6/22/2016	19	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	PERC	7/27/2000	6/22/2016	15	11	No	0.64136	44.00	1	Increasing	4	4	No	0.264751	4.00	0.833	No Trend	8	8	No	0.23448898	8.00	0.801	No Trend
PTX06-1006	B	12/7/1995	6/22/2016	21	20	No	0.19015	139.00	1	Increasing	4	4	No	0.101655	6.00	0.958	Increasing	8	8	No	0.12766799	26.00	1	Increasing
PTX06-1006	CR	12/7/1995	11/6/2008	13	13	No	1.18708	64.00	1	Increasing	4	4	No	0.380416	4.00	0.833	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1006	CR-6	3/11/1996	11/6/2008	12	4	No	0.27177	14.00	0.81	No Trend	4	1	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1006	MN	12/7/1995	6/22/2016	16	15	No	1.19102	38.00	0.952	Increasing	4	4	No	0.876819	-2.00	1	Decreasing	4	4	No	0.87681878	-2.00	1	Decreasing
PTX06-1006	NI	12/7/1995	4/24/2008	12	12	No	1.3262	20.00	0.902	Probably Increasing	4	4	No	1.000336	2.00	0.625	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1006	MO	12/7/1995	4/24/2008	12	12	No	0.96841	52.00	1	Increasing	4	4	No	0.385075	2.00	0.625	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1006	AL	12/7/1995	6/22/2016	16	11	No	1.04841	-13.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1006	AS	12/7/1995	11/12/2007	11	7	No	0.54839	29.00	0.987	Increasing	4	4	No	0.313537	0.00	0.375	Stable	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1006	BA	12/7/1995	6/22/2016	16	16	No	0.10323	78.00	1	Increasing	4	4	No	0.022238	2.00	0.625	No Trend	4	4	No	0.0222381	2.00	0.625	No Trend
PTX06-1006	CA	12/7/1995	6/22/2016	13	13	No	0.12927	-25.00	1	Decreasing	4	4	No	0.13154	6.00	0.958	Increasing	4	4	No	0.13153976	6.00	0.958	Increasing
PTX06-1006	FE	12/7/1995	6/22/2016	16	16	No	1.42335	36.00	0.942	Probably Increasing	4	4	No	0.74312	-4.00	1	Decreasing	4	4	No	0.74312007	-4.00	1	Decreasing
PTX06-1006	K	12/7/1995	6/22/2016	14	14	No	0.11864	-41.00	1	Decreasing	4	4	No	0.035286	3.00	0.729	No Trend	4	4	No	0.03528591	3.00	0.729	No Trend
PTX06-1006	MG	12/7/1995	6/22/2016	16	16	No	0.11291	-42.00	1	Decreasing	4	4	No	0.11771	6.00	0.958	Increasing	4	4	No	0.11770968	6.00	0.958	Increasing
PTX06-1006	NA	12/7/1995	6/22/2016	14	14	No	0.10473	25.00	0.904	Probably Increasing	4	4	No	0.145118	6.00	0.958	Increasing	4	4	No	0.1451185	6.00	0.958	Increasing
PTX06-1007	RDX	12/5/1995	6/13/2016	19	13	No	0.88741	-14.00	1	Decreasing	4	4	No	1.236097	6.00	0.958	Increasing	8	8	No	0.98002273	2.00	0.548	No Trend
PTX06-1007	HMX	12/5/1995	6/13/2016	19	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1007	TNT	12/5/1995	6/13/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1007	DNT24	12/5/1995	6/13/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1007	DNT26	12/5/1995	6/13/2016	19	5	No	0.42376	-84.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	8	5	No	0.22120746	-14.00	1	Decreasing
PTX06-1007	DNT2A	12/5/1995	6/13/2016	19	3	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	8	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1007	DNT4A	12/5/1995	6/13/2016	19	19	No	0.82141	85.00	0.999	Increasing	4	4	No	0.443711	-4.00	1	Decreasing	8	8	No	0.64333041	8.00	0.801	No Trend
PTX06-1007	TNB135	12/5/1995	6/13/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1007	DNB13	12/5/1995	6/13/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1007	DIOXANE14	10/24/2005	6/13/2016	11	8	No	0.32684	-9.00	1	Decreasing	4	4	No	0.415016	-2.00	1	Decreasing	8	8	No	0.38017252	10.00	0.862	No Trend
PTX06-1007	PCE	12/5/1995	6/13/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1007	TCE	12/5/1995	6/13/2016	23	13	No	0.80276	-69.00	1	Decreasing	4	4	No	0.16823	0.00	0.375	Stable	8	5	No	0.20562825	-1.00	1	Decreasing
PTX06-1007	DCE12C	12/5/1995	6/13/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1007	DCA12	12/5/1995	6/13/2016	22	5	No	0.89651	-106.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1007	TCLME	12/5/1995	6/13/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1007	PERC	7/27/2000	6/13/2016	17	17	No	0.67051	67.00	0.9975	Increasing	4	4	No	0.436139	-2.00	1	Decreasing	8	8	No	0.48321794	14.00	0.946	Probably Increasing
PTX06-1007	B	12/5/1995	6/13/2016	21	21	No	0.2219	35.00	0.8455	No Trend	4	4	No	0.32425	6.00	0.958	Increasing	8	8	No	0.2700485	11.00	0.8865	No Trend
PTX06-1007	CR	12/5/1995	6/13/2016	16	16	No	1.37647	30.00	0.903	Probably Increasing	4	4	No	1.183067	-6.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX06-1007	CR-6	12/5/1995	6/13/2016	17	8	No	0.46656	11.00	0.657	No Trend	4	4	No	0.276936	1.00	0.5	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1007	MN	12/5/1995	6/13/2016	18	18	No	1.32062	21.00	0.773	No Trend	4	4	No	1.003248	-6.00	1	Decreasing	4	4	No	1.00324764	-6.00	1	Decreasing
PTX06-1007	NI	12/5/1995	6/13/2016	15	15	No	0.76264	9.00	0.651	No Trend	4	4	No	0.64208	-6.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1007	MO	12/5/1995	8/27/2008	13	13	No	1.31531	44.00	0.997	Increasing	4	4	No	0.401234	2.00	0.625	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1007	AL	12/5/1995	6/13/2016	18	12	No	0.78131	-32.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1007	AS	12/5/1995	6/13/2016	15	7	No	0.78566	53.00	1	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1007	BA	12/5/1995	6/13/2016	19	19	No	0.32143	12.00	0.648	No Trend	4	4	No	0.148872	-4.00	1	Decreasing	5	5	No	0.19996762	-8.00	1	Decreasing
PTX06-1007	CA	12/5/1995	6/13/2016	14	14	No	0.21005	-27.00	1	Decreasing	4	4	No	0.309922	4.00	0.833	No Trend	4	4	No	0.30992204	4.00	0.833	No Trend
PTX06-1007	FE	12/5/1995	6/13/2016	18	18	No	1.27017	39.00	0.924	Probably Increasing	4	4	No	0.927655	-2.00	1	Decreasing	4	4	No	0.92765487	-2.00	1	Decreasing
PTX06-1007	K	12/5/1995	6/13/2016	16	16	No	0.1025	-48.00	1	Decreasing	4	4	No	0.032161	-2.00	1	Decreasing	4	4	No	0.03216138	-2.00	1	Decreasing
PTX06-1007	MG	12/5/1995	6/13/2016	18	18	No	0.11764	-13.00	1	Decreasing	4	4	No	0.111689	2.00	0.625	No Trend	4	4	No	0.11168889	2.00	0.625	No Trend
PTX06-1007	NA	12/5/1995	6/13/2016	16	16	No	0.11371	47.00	0.9815	Increasing	4	4	No	0.200152	2.00	0.625	No Trend	4	4	No	0.20015206	2.00	0.625	No Trend
PTX06-1008	RDX	12/7/1995	6/27/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	HMX	12/7/1995	6/27/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	TNT	12/7/1995	6/27/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	DNT24	12/7/1995	6/27/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	DNT26	12/7/1995	6/27/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	DNT2A	12/7/1995	6/27/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	DNT4A	12/7/1995	6/27/2016	18	4	No	0.39227	-69.00	1	Decreasing	4	4	No	0.313096	3.00	0.729	No Trend	8	4	No	0.21003931	0.00	0.452	Stable
PTX06-1008	TNB135	12/7/1995	6/27/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	DNB13	12/7/1995	6/27/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	DIOXANE14	4/29/2003	6/27/2016	9	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	8	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1008	PCE	12/7/1995	6/27/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	TCE	12/7/1995	6/27/2016	20	20	No	0.88418	-116.00	1	Decreasing	4	4	No	0.826825	-6.00	1	Decreasing	8	8	No	0.93146076	-26.00	1	Decreasing
PTX06-1008	DCE12C	12/7/1995	6/27/2016	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	DCA12	12/7/1995	6/27/2016	20	18	No	1.34194	105.00	1	Increasing	4	4	No	0.262676	-4.00	1	Decreasing	8	8	No	0.59359307	18.00	0.984	Increasing
PTX06-1008	TCLME	12/7/1995	6/27/2016	20	20	No	0.66953	67.00	0.9845	Increasing	4	4	No	0.606441	-6.00	1	Decreasing	8	8	No	0.44706444	-2.00	1	Decreasing
PTX06-1008	PERC	4/17/2001	6/27/2016	13	3	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	8	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1008	B	12/7/1995	6/27/2016	16	16	No	0.10399	58.00	0.996	Increasing	4	4	No	0.108338	2.00	0.625	No Trend	8	8	No	0.07524128	3.00	0.594	No Trend
PTX06-1008	CR	12/7/1995	6/27/2016	17	17	No	1.69896	-10.00	1	Decreasing	4	4	No	0.89273	-6.00	1	Decreasing	8	8	No	1.60297585	-24.00	1	Decreasing
PTX06-1008	CR-6	3/13/1996	6/27/2016	18	5	No	0.55159	45.00	0.952	Increasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	8	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1008	MN	12/7/1995	6/27/2016	17	11	No	1.43119	24.00	0.826	No Trend	4	1	No	0	0.00	0	A (<4 Detections in Datas	8	5	No	1.10279749	-7.00	1	Decreasing
PTX06-1008	NI	12/7/1995	6/27/2016	17	15	No	1.30736	-24.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	8	7	No	1.00958882	-20.00	1	Decreasing
PTX06-1008	MO	12/7/1995	6/27/2016	17	17	No	1.44973	-20.00	1	Decreasing	4	4	No	0.093097	-2.00	1	Decreasing	8	8	No	1.1468762	-18.00	1	Decreasing
PTX06-1008	AL	12/7/1995	6/27/2016	13	5	No	0.69442	-15.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1008	AS	12/7/1995	6/27/2016	10	8	No	0.33488	13.00	0.854	No Trend	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1008	BA	12/7/1995	6/27/2016	14	14	No	0.18734	27.00	0.921	Probably Increasing	4	4	No	0.103121	-2.00	1	Decreasing	5	5	No	0.09944184	-4.00	1	Decreasing
PTX06-1008	CA	12/7/1995	6/27/2016	10	10	No	0.1644	13.00	0.854	No Trend	4	4	No	0.090986	-4.00	1	Decreasing	4	4	No	0.09098607	-4.00	1	Decreasing
PTX06-1008	FE	12/7/1995	6/27/2016	17	16	No	1.68233	2.00	0.516	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	8	7	No	1.31807528	-22.00	1	Decreasing
PTX06-1008	K	12/7/1995	6/27/2016	10	10	No	0.6997	-3.00	1	Decreasing	4	4	No	0.033518	-4.00	1	Decreasing	4	4	No	0.03351758	-4.00	1	Decreasing
PTX06-1008	MG	12/7/1995	6/27/2016	13	13	No	0.15252	38.00	0.989	Increasing	4	4	No	0.060405	4.00	0.833	No Trend	4	4	No	0.0604055	4.00	0.833	No Trend
PTX06-1008	NA	12/7/1995	6/27/2016	10	10	No	0.14174	16.00	0.907	Probably Increasing	4	4	No	0.040548	3.00	0.729	No Trend	4	4	No	0.0405479	3.00	0.729	No Trend
PTX06-1010	RDX	11/27/1995	9/21/2016	34	31	No	1.66165	-323.00	1	Decreasing	4	4	No	0.618959	-4.00	1	Decreasing	15	15	No	0.37210873	-65.00	1	Decreasing
PTX06-1010	HMX	11/27/1995	9/21/2016	34	26	No	3.37006	-129.00	1	Decreasing	4	4	No	0.266087	2.00	0.625	No Trend	15	15	No	0.53509834	61.00	1	Increasing
PTX06-1010	TNT	11/27/1995	9/21/2016	32	7	No	1.43287	-369.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	15	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1010	DNT24	11/27/1995	9/21/2016	33	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1010	DNT26	11/27/1995	9/21/2016	33	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1010	DNT2A	11/27/1995	9/21/2016	33	25	No	1.60237	-264.00	1	Decreasing	4	4	No	0.131822	2.00	0.625	No Trend	15	14	No	0.34379988	-3.00	1	Decreasing
PTX06-1010	DNT4A	11/27/1995	9/21/2016	34	15	No	1.98396	-381.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	15	7	No	0.15417389	-38.00	1	Decreasing
PTX06-1010	TNB135	11/27/1995	9/21/2016	32	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1010	DNB13	11/27/1995	9/21/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1010	DIOXANE14	7/30/2003	9/21/2016	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1010	PCE	11/27/1995	9/21/2016	33	27	No	0.68016	-131.00	1	Decreasing	4	4	No	0.300834	-4.00	1	Decreasing	15	15	No	0.2233814	-48.00	1	Decreasing
PTX06-1010	TCE	11/27/1995	9/21/2016	34	32	No	0.7307	-235.00	1	Decreasing	4	4	No	0.032943	0.00	0.375	Stable	15	15	No	0.21903765	29.00	1	Increasing
PTX06-1010	DCE12C	11/27/1995	9/21/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1010	DCA12	11/27/1995	9/21/2016	32	29	No	0.67886	-257.00	1	Decreasing	4	4	No	0.693783	-4.00	1	Decreasing	15	15	No	0.4233094	-53.00	1	Decreasing
PTX06-1010	TCLME	11/27/1995	9/21/2016	32	23	No	0.73829	225.00	1	Increasing	4	4	No	0.346231	4.00	0.833	No Trend	15	15	No	0.6395231	50.00	1	Increasing
PTX06-1010	PERC	5/8/2000	5/28/2009	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1010	B	11/27/1995	9/21/2016	31	31	No	0.68174	-244.00	1	Decreasing	4	4	No	0.126885	2.00	0.625	No Trend	15	15	No	0.1044587	-11.00	1	Decreasing
PTX06-1010	CR	11/27/1995	9/21/2016	36	35	No	0.73795	-209.00	1	Decreasing	4	4	No	0.393399	-4.00	1	Decreasing	16	16	No	0.41715292	14.00	0.718	No Trend
PTX06-1010	CR-6	11/27/1995	9/21/2016	37	36	No	0.8832	-137.00	1	Decreasing	4	4	No	0.671678	2.00	0.625	No Trend	16	16	No	0.47696576	0.00	0.482	Stable
PTX06-1010	MN	11/27/1995	9/21/2016	33	31	No	2.26151	-35.00	1	Decreasing	4	4	No	0.288407	-2.00	1	Decreasing	15	15	No	3.23381739	-29.00	1	Decreasing
PTX06-1010	NI	11/27/1995	9/21/2016	33	32	No	2.05829	-144.00	1	Decreasing	4	4	No	0.318497	0.00	0.375	Stable	15	15	No	3.32700316	-23.00	1	Decreasing
PTX06-1010	MO	11/27/1995	9/21/2016	33	32	No	1.45899	-125.00	1	Decreasing	4	4	No	0.383252	-2.00	1	Decreasing	15	15	No	0.80680546	26.00	0.8895	No Trend
PTX06-1010	AL	11/27/1995	6/22/2016	22	21	No	0.69691	59.00	1	Increasing	4	4	No	0.823668	4.00	0.833	No Trend	4	4	No	0.82366776	4.00	0.833	No Trend
PTX06-1010	AS	11/27/1995	9/21/2016	18	15	No	1.38603	42.00	0.939	Probably Increasing	4	4	No	1.063107	-2.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1010	BA	11/27/1995	9/21/2016	24	23	No	0.40304	3.00	0.5195	No Trend	4	4	No	0.14772	-4.00	1	Decreasing	6	6	No	0.13259761	-7.00	1	Decreasing
PTX06-1010	CA	11/27/1995	6/22/2016	16	16	No	0.29566	-40.00	1	Decreasing	4	4	No	0.108577	-6.00	1	Decreasing	4	4	No	0.10857675	-6.00	1	Decreasing
PTX06-1010	FE	11/27/1995	9/21/2016	32	32	No	1.41744	-98.00	1	Decreasing	4	4	No	0.557679	-2.00	1	Decreasing	15	15	No	1.49007911	-11.00	1	Decreasing
PTX06-1010	K	11/27/1995	6/22/2016	17	16	No	0.28749	-50.00	1	Decreasing	4	4	No	0.081083	-6.00	1	Decreasing	4	4	No	0.0810829	-6.00	1	Decreasing
PTX06-1010	MG	11/27/1995	6/22/2016	22	21	No	0.25969	-20.00	1	Decreasing	4	4	No	0.114326	-6.00	1	Decreasing	4	4	No	0.11432636	-6.00	1	Decreasing
PTX06-1010	NA	11/27/1995	6/22/2016	17	16	No	0.59211	80.00	1	Increasing	4	4	No	0.511655	6.00	0.958	Increasing	4	4	No	0.51165484	6.00	0.958	Increasing
PTX06-1011	RDX	11/27/1995	6/8/2016	22	11	No	1.87386	-91.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	8	4	No	1.79844344	3.00	0.594	No Trend
PTX06-1011	HMX	11/27/1995	6/8/2016	22	3	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	8	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1011	TNT	11/27/1995	6/8/2016	22	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1011	DNT24	11/27/1995	6/8/2016	22	5	No	1.17693	-146.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	8	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1011	DNT26	11/27/1995	6/8/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1011	DNT2A	11/27/1995	6/8/2016	22	3	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	8	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1011	DNT4A	11/27/1995	6/8/2016	22	5	No	1.04577	-156.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	8	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1011	TNB135	11/27/1995	6/8/2016	22	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	8	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1011	DNB13	11/27/1995	6/8/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1011	DIOXANE14	7/31/2003	6/8/2016	11	7	No	0.68153	-32.00	1	Decreasing	4	4	No	0.517519	-4.00	1	Decreasing	8	7	No	0.7041245	-9.00	1	Decreasing
PTX06-1011	PCE	11/27/1995	6/8/2016	23	19	No	0.99792	-72.00	1	Decreasing	4	4	No	0.391889	-4.00	1	Decreasing	8	8	No	0.42856233	-4.00	1	Decreasing
PTX06-1011	TCE	11/27/1995	6/8/2016	24	24	No	0.57232	-46.00	1	Decreasing	4	4	No	0.337972	-4.00	1	Decreasing	8	8	No	0.77009719	2.00	0.548	No Trend
PTX06-1011	DCE12C	11/27/1995	6/8/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1011	DCA12	11/27/1995	6/8/2016	22	7	No	1.18557	-113.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1011	TCLME	11/27/1995	6/8/2016	22	4	No	0.95521	-39.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	8	4	No	0.18252362	0.00	0.452	Stable

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX06-1011	PERC	4/23/2001	6/8/2016	16	3	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	8	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1011	B	11/27/1995	6/8/2016	24	24	No	0.13308	-20.00	1	Decreasing	4	4	No	0.065834	6.00	0.958	Increasing	8	8	No	0.16549407	14.00	0.946	Probably Increasing
PTX06-1011	CR	11/27/1995	6/8/2016	24	24	No	1.66922	-19.00	1	Decreasing	4	4	No	1.010221	0.00	0.375	No Trend	8	8	No	0.98115085	8.00	0.801	No Trend
PTX06-1011	CR-6	11/27/1995	6/8/2016	24	17	No	0.99817	-38.00	1	Decreasing	4	4	No	0.715889	4.00	0.833	No Trend	8	6	No	0.79658238	11.00	0.8865	No Trend
PTX06-1011	MN	11/27/1995	6/8/2016	24	23	No	1.84061	20.00	0.68	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	8	7	No	0.50304283	-2.00	1	Decreasing
PTX06-1011	NI	11/27/1995	6/8/2016	24	24	No	1.04236	-96.00	1	Decreasing	4	4	No	0.611798	0.00	0.375	Stable	8	8	No	0.58486474	-18.00	1	Decreasing
PTX06-1011	MO	11/27/1995	6/8/2016	24	24	No	1.36197	-20.00	1	Decreasing	4	4	No	0.684783	-2.00	1	Decreasing	8	8	No	0.51689796	-2.00	1	Decreasing
PTX06-1011	AL	11/27/1995	6/8/2016	20	10	No	0.65514	37.00	0.8765	No Trend	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1011	AS	11/27/1995	6/8/2016	17	14	No	1.27921	30.00	0.882	No Trend	4	4	No	1.02855	-4.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1011	BA	11/27/1995	6/8/2016	21	21	No	0.25128	73.00	1	Increasing	4	4	No	0.071846	0.00	0.375	Stable	5	5	No	0.08761726	-4.00	1	Decreasing
PTX06-1011	CA	11/27/1995	6/8/2016	14	14	No	0.19507	3.00	0.543	No Trend	4	4	No	0.281222	0.00	0.375	Stable	4	4	No	0.28122167	0.00	0.375	Stable
PTX06-1011	FE	11/27/1995	6/8/2016	24	24	No	1.75743	32.00	0.777	No Trend	4	4	No	1.117972	-2.00	1	Decreasing	8	8	No	0.83982376	-4.00	1	Decreasing
PTX06-1011	K	11/27/1995	6/8/2016	16	16	No	0.09375	0.00	0.482	Stable	4	4	No	0.101632	-2.00	1	Decreasing	4	4	No	0.10163246	-2.00	1	Decreasing
PTX06-1011	MG	11/27/1995	6/8/2016	20	20	No	0.12214	69.00	0.987	Increasing	4	4	No	0.139966	-2.00	1	Decreasing	4	4	No	0.13996599	-2.00	1	Decreasing
PTX06-1011	NA	11/27/1995	6/8/2016	16	16	No	0.1443	-7.00	1	Decreasing	4	4	No	0.195539	-4.00	1	Decreasing	4	4	No	0.195539	-4.00	1	Decreasing
PTX06-1013	RDX	11/14/1995	4/26/2016	34	31	No	0.39602	-114.00	1	Decreasing	4	4	No	0.083297	-2.00	1	Decreasing	12	12	No	0.09934188	-22.00	1	Decreasing
PTX06-1013	HMX	11/14/1995	4/26/2016	34	27	No	0.29597	-77.00	1	Decreasing	4	4	No	0.186234	2.00	0.625	No Trend	12	12	No	0.11895753	5.00	0.6055	No Trend
PTX06-1013	TNT	11/14/1995	4/26/2016	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	DNT24	11/14/1995	4/26/2016	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	DNT26	11/14/1995	4/26/2016	34	3	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	DNT2A	11/14/1995	4/26/2016	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	DNT4A	11/14/1995	4/26/2016	33	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	TNB135	11/14/1995	4/26/2016	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	DNB13	11/14/1995	4/26/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	DIOXANE14	4/27/2006	5/2/2007	2	1	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1013	PCE	11/14/1995	4/26/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	TCE	11/14/1995	4/26/2016	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	DCE12C	11/14/1995	4/26/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	DCA12	11/14/1995	4/26/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	TCLME	11/14/1995	4/26/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	PERC	11/20/2000	5/2/2007	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1013	B	11/14/1995	4/26/2016	34	34	No	0.22724	204.00	0.999	Increasing	4	4	No	0.032203	-4.00	1	Decreasing	12	12	No	0.31880175	-26.00	1	Decreasing
PTX06-1013	CR	11/14/1995	4/26/2016	34	33	No	1.34746	-226.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	12	11	No	1.25866183	-24.00	1	Decreasing
PTX06-1013	CR-6	3/7/1996	4/26/2016	35	3	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	MN	11/14/1995	4/26/2016	33	32	No	1.92469	-121.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	12	11	No	0.87258678	-22.00	1	Decreasing
PTX06-1013	NI	11/14/1995	4/26/2016	33	33	No	2.61219	-242.00	1	Decreasing	4	4	No	0.676039	-4.00	1	Decreasing	12	12	No	0.59846956	-18.00	1	Decreasing
PTX06-1013	MO	11/14/1995	4/26/2016	33	32	No	0.63614	-168.00	1	Decreasing	4	4	No	0.403526	-2.00	1	Decreasing	12	12	No	0.47534323	-21.00	1	Decreasing
PTX06-1013	AL	11/14/1995	4/26/2016	25	20	No	1.08036	17.00	0.6445	No Trend	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1013	AS	11/14/1995	5/2/2007	19	7	No	0.50759	5.00	0.555	No Trend	4	1	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1013	BA	11/14/1995	4/26/2016	25	25	No	0.28662	-253.00	1	Decreasing	4	4	No	0.110866	-6.00	1	Decreasing	4	4	No	0.11086585	-6.00	1	Decreasing
PTX06-1013	CA	11/14/1995	4/26/2016	15	15	No	0.14524	-42.00	1	Decreasing	4	4	No	0.040194	0.00	0.375	Stable	4	4	No	0.04019378	0.00	0.375	Stable
PTX06-1013	FE	11/14/1995	4/26/2016	33	33	No	1.74529	-116.00	1	Decreasing	4	4	No	0.694838	-6.00	1	Decreasing	12	12	No	0.74473565	-40.00	1	Decreasing
PTX06-1013	K	11/14/1995	4/26/2016	18	18	No	0.17923	-12.00	1	Decreasing	4	4	No	0.037066	-6.00	1	Decreasing	4	4	No	0.03706571	-6.00	1	Decreasing
PTX06-1013	MG	11/14/1995	4/26/2016	24	24	No	0.15294	46.00	0.866	No Trend	4	4	No	0.348468	-6.00	1	Decreasing	4	4	No	0.34846828	-6.00	1	Decreasing
PTX06-1013	NA	11/14/1995	4/26/2016	18	18	No	0.20771	104.00	1	Increasing	4	4	No	0.075504	-2.00	1	Decreasing	4	4	No	0.07550388	-2.00	1	Decreasing
PTX06-1014	RDX	3/13/1996	7/19/2016	32	32	No	3.21184	-168.00	1	Decreasing	4	4	No	0.14546	-4.00	1	Decreasing	7	7	No	0.16134763	3.00	0.614	No Trend
PTX06-1014	HMX	3/13/1996	7/19/2016	32	29	No	2.20209	-268.00	1	Decreasing	4	4	No	0.126191	-2.00	1	Decreasing	7	7	No	0.30447795	9.00	0.881	No Trend
PTX06-1014	TNT	3/13/1996	7/19/2016	31	6	No	2.56353	-59.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	7	6	No	0.40002481	5.00	0.719	No Trend
PTX06-1014	DNT24	3/13/1996	7/19/2016	31	14	No	2.03425	-142.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	7	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1014	DNT26	3/13/1996	7/19/2016	32	13	No	2.66604	80.00	0.899	No Trend	4	2	No	0	0.00	0	A (<4 Detections in Datas	7	5	No	0.81608249	-3.00	1	Decreasing
PTX06-1014	DNT2A	3/13/1996	7/19/2016	31	27	No	1.00897	-166.00	1	Decreasing	4	4	No	0.114553	-2.00	1	Decreasing	7	7	No	0.1278686	-13.00	1	Decreasing
PTX06-1014	DNT4A	3/13/1996	7/19/2016	31	26	No	0.93029	-107.00	1	Decreasing	4	4	No	0.248726	-2.00	1	Decreasing	7	7	No	0.46796036	1.00	0.5	No Trend
PTX06-1014	TNB135	3/13/1996	7/19/2016	31	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1014	DNB13	3/13/1996	7/19/2016	27	4	No	2.38304	-145.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1014	DIOXANE14	8/11/2005	7/19/2007	5	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1014	PCE	3/13/1996	7/19/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1014	TCE	3/13/1996	7/19/2016	32	13	No	0.595	-233.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	7	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1014	DCE12C	3/13/1996	7/19/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1014	DCA12	3/13/1996	7/19/2016	28	13	No	0.77746	-174.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1014	TCLME	3/13/1996	7/19/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1014	PERC	11/30/2000	2/4/2009	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1014	B	3/13/1996	7/19/2016	32	32	No	0.26524	-222.00	1	Decreasing	4	4	No	0.097149	0.00	0.375	Stable	7	7	No	0.1116193	-13.00	1	Decreasing
PTX06-1014	CR	3/13/1996	7/19/2016	32	32	No	1.70082	-136.00	1	Decreasing	4	4	No	0.260616	-4.00	1	Decreasing	7	7	No	0.24461898	-9.00	1	Decreasing
PTX06-1014	CR-6	3/13/1996	9/21/2016	32	13	No	0.56829	58.00	0.821	No Trend	4	2	No	0	0.00	0	A (<4 Detections in Datas	7	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1014	MN	3/13/1996	7/19/2016	31	21	No	1.04184	-75.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	7	6	No	1.45839616	7.00	0.809	No Trend
PTX06-1014	NI	3/13/1996	7/19/2016	30	25	No	3.06535	-84.00	1	Decreasing	4	4	No	0.978636	0.00	0.375	Stable	7	7	No	1.1198588	9.00	0.881	No Trend
PTX06-1014	MO	3/13/1996	7/19/2016	30	30	No	0.70186	-222.00	1	Decreasing	4	4	No	0.437466	0.00	0.375	Stable	7	7	No	0.38602267	-1.00	1	Decreasing
PTX06-1014	AL	3/13/1996	7/19/2016	28	11	No	0.76411	-131.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1014	AS	3/13/1996	7/19/2007	22	12	No	0.48452	-30.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1014	BA	3/13/1996	7/19/2016	28	28	No	0.13273	-126.00	1	Decreasing	4	4	No	0.074674	2.00	0.625	No Trend	4	4	No	0.07467398	2.00	0.625	No Trend
PTX06-1014	CA	3/13/1996	7/19/2016	16	16	No	0.15119	48.00	0.984	Increasing	4	4	No	0.069903	0.00	0.375	Stable	4	4	No	0.06990273	0.00	0.375	Stable
PTX06-1014	FE	3/13/1996	7/19/2016	31	31	No	2.81456	-75.00	1	Decreasing	4	4	No	0.530961	-2.00	1	Decreasing	7	7	No	0.38046991	-5.00	1	Decreasing
PTX06-1014	K	3/13/1996	7/19/2016	20	20	No	0.07576	31.00	0.8325	No Trend	4	4	No	0.03252	0.00	0.375	Stable	4	4	No	0.03252036	0.00	0.375	Stable
PTX06-1014	MG	3/13/1996	7/19/2016	28	28	No	0.07415	202.00	1	Increasing	4	4	No	0.057163	4.00	0.833	No Trend	4	4	No	0.05716284	4.00	0.833	No Trend
PTX06-1014	NA	3/13/1996	7/19/2016	20	20	No	0.24625	147.00	1	Increasing	4	4	No	0.103189	4.00	0.833	No Trend	4	4	No	0.10318881	4.00	0.833	No Trend
PTX06-1015	RDX	11/13/1995	8/10/2016	40	40	No	0.71547	533.00	1	Increasing	4	4	No	0.19404	4.00	0.833	No Trend	15	15	No	0.25458999	-35.00	1	Decreasing
PTX06-1015	HMX	11/13/1995	8/10/2016	40	24	No	1.10321	482.00	1	Increasing	4	4	No	0.174178	4.00	0.833	No Trend	15	15	No	0.3188094	62.00	1	Increasing
PTX06-1015	TNT	11/13/1995	8/10/2016	40	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1015	DNT24	11/13/1995	8/10/2016	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1015	DNT26	11/13/1995	8/10/2016	41	7	No	0.74359	-370.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1015	DNT2A	11/13/1995	8/10/2016	40	14	No	1.2719	164.00	0.971	Increasing	4	4	No	0.18837	6.00	0.958	Increasing	15	10	No	1.1496356	91.00	1	Increasing
PTX06-1015	DNT4A	11/13/1995	8/10/2016	40	37	No	0.70841	-367.00	1	Decreasing	4	4	No	0.225721	-6.00	1	Decreasing	15	15	No	0.53125694	-25.00	1	Decreasing
PTX06-1015	TNB135	11/13/1995	8/10/2016	37	3	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	14	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1015	DNB13	11/13/1995	8/10/2016	37	3	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1015	DIOXANE14	7/28/2005	7/26/2007	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1015	PCE	11/13/1995	8/10/2016	38	14	No	0.87949	-135.00	1	Decreasing	4	4	No	0.16076	-4.00	1	Decreasing	15	14	No	0.2380311	-31.00	1	Decreasing
PTX06-1015	TCE	11/13/1995	8/10/2016	42	38	No	0.76491	-411.00	1	Decreasing	4	4	No	0.143447	0.00	0.375	Stable	15	15	No	0.24400516	-36.00	1	Decreasing

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX06-1015	DCE12C	11/13/1995	8/10/2016	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1015	DCA12	11/13/1995	8/10/2016	38	29	No	1.08313	-227.00	1	Decreasing	4	4	No	0.144684	-4.00	1	Decreasing	15	15	No	0.21252389	44.00	1	Increasing
PTX06-1015	TCLME	11/13/1995	8/10/2016	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1015	PERC	4/25/2000	2/3/2009	18	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1015	B	11/13/1995	8/10/2016	42	42	No	0.49801	649.00	1	Increasing	4	4	No	0.071902	0.00	0.375	Stable	15	15	No	0.11502637	-18.00	1	Decreasing
PTX06-1015	CR	11/13/1995	8/10/2016	42	41	No	2.83499	316.00	1	Increasing	4	4	No	0.10912	2.00	0.625	No Trend	15	15	No	0.45832247	71.00	1	Increasing
PTX06-1015	CR-6	11/13/1995	8/10/2016	41	20	No	0.77179	244.00	1	Increasing	4	4	No	0.864685	0.00	0.375	Stable	14	9	No	0.82646798	35.00	0.969	Increasing
PTX06-1015	MN	11/13/1995	8/10/2016	41	28	No	1.49989	-343.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	15	11	No	0.39627896	-15.00	1	Decreasing
PTX06-1015	NI	11/13/1995	8/10/2016	40	32	No	1.23186	-372.00	1	Decreasing	4	4	No	0.316651	2.00	0.625	No Trend	15	15	No	0.3713567	-17.00	1	Decreasing
PTX06-1015	MO	11/13/1995	8/10/2016	40	38	No	0.9283	-139.00	1	Decreasing	4	4	No	0.094566	2.00	0.625	No Trend	15	15	No	0.08804222	30.00	1	Increasing
PTX06-1015	AL	11/13/1995	2/11/2016	30	15	No	1.60936	-114.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1015	AS	11/13/1995	7/26/2007	24	9	No	0.54345	25.00	0.722	No Trend	4	4	No	0.105799	2.00	0.625	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1015	BA	11/13/1995	2/11/2016	30	29	No	0.09347	-134.00	1	Decreasing	4	4	No	0.032291	-3.00	1	Decreasing	4	4	No	0.03229096	-3.00	1	Decreasing
PTX06-1015	CA	11/13/1995	2/11/2016	18	18	No	0.0872	-30.00	1	Decreasing	4	4	No	0.078025	4.00	0.833	No Trend	4	4	No	0.07802454	4.00	0.833	No Trend
PTX06-1015	FE	11/13/1995	8/10/2016	40	39	No	1.10656	20.00	0.587	No Trend	4	4	No	0.349766	-2.00	1	Decreasing	15	15	No	0.41745645	-59.00	1	Decreasing
PTX06-1015	K	11/13/1995	2/11/2016	21	21	No	0.10478	-12.00	1	Decreasing	4	4	No	0.043007	0.00	0.375	Stable	4	4	No	0.04300665	0.00	0.375	Stable
PTX06-1015	MG	11/13/1995	2/11/2016	30	30	No	0.08257	46.00	0.787	No Trend	4	4	No	0.169558	4.00	0.833	No Trend	4	4	No	0.16955832	4.00	0.833	No Trend
PTX06-1015	NA	11/13/1995	2/11/2016	21	21	No	0.12682	85.00	1	Increasing	4	4	No	0.222465	6.00	0.958	Increasing	4	4	No	0.22246477	6.00	0.958	Increasing
PTX06-1023	RDX	12/10/1995	8/16/2016	37	28	No	1.24246	-423.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	15	9	No	1.297745732	-63.00	1	Decreasing
PTX06-1023	HMX	12/10/1995	8/16/2016	37	26	No	0.83023	-480.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	8	No	1.48525592	-47.00	1	Decreasing
PTX06-1023	TNT	12/10/1995	8/16/2016	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	DNT24	12/10/1995	8/16/2016	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	DNT26	12/10/1995	8/16/2016	37	3	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	DNT2A	12/10/1995	8/16/2016	37	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	DNT4A	12/10/1995	8/16/2016	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	TNB135	12/10/1995	8/16/2016	37	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	DNB13	12/10/1995	8/16/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	DIOXANE14	8/8/2005	7/18/2007	5	3	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1023	PCE	12/10/1995	8/16/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	TCE	12/10/1995	8/16/2016	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	DCE12C	12/10/1995	8/16/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	DCA12	12/10/1995	8/16/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	TCLME	12/10/1995	8/16/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	PERC	4/24/2000	5/6/2009	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1023	B	10/18/1995	8/16/2016	39	39	No	0.57028	-493.00	1	Decreasing	4	4	No	0.067664	2.00	0.625	No Trend	15	15	No	0.60619438	-43.00	1	Decreasing
PTX06-1023	CR	10/18/1995	8/16/2016	38	29	No	2.26099	-157.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	7	No	1.14637451	-7.00	1	Decreasing
PTX06-1023	CR-6	3/5/1996	8/16/2016	39	9	No	0.41273	-16.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1023	MN	10/18/1995	8/16/2016	38	25	No	5.59728	-250.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	7	No	1.47515248	-21.00	1	Decreasing
PTX06-1023	NI	10/18/1995	8/16/2016	37	37	No	1.3883	-469.00	1	Decreasing	4	4	No	0.475545	2.00	0.625	No Trend	15	15	No	1.04396201	-70.00	1	Decreasing
PTX06-1023	MO	10/18/1995	8/16/2016	37	37	No	1.55646	-185.00	1	Decreasing	4	4	No	0.050313	0.00	0.375	Stable	15	15	No	0.31111664	-60.00	1	Decreasing
PTX06-1023	AL	10/18/1995	1/28/2016	27	11	No	4.94199	-100.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1023	AS	10/18/1995	7/18/2007	21	8	No	0.49886	-6.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1023	BA	10/18/1995	1/28/2016	27	27	No	1.04083	56.00	0.8725	No Trend	4	4	No	0.250389	-2.00	1	Decreasing	4	4	No	0.25038879	-2.00	1	Decreasing
PTX06-1023	CA	10/18/1995	1/28/2016	17	17	No	0.48545	-78.00	1	Decreasing	4	4	No	0.088842	4.00	0.833	No Trend	4	4	No	0.08884222	4.00	0.833	No Trend
PTX06-1023	FE	10/18/1995	8/16/2016	37	34	No	4.90373	-126.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	15	13	No	1.0372993	-79.00	1	Decreasing
PTX06-1023	K	10/18/1995	1/28/2016	20	20	No	0.28321	-72.00	1	Decreasing	4	4	No	0.148476	-2.00	1	Decreasing	4	4	No	0.14847598	-2.00	1	Decreasing
PTX06-1023	MG	10/18/1995	1/28/2016	27	27	No	0.23412	-111.00	1	Decreasing	4	4	No	0.223919	-2.00	1	Decreasing	4	4	No	0.22391899	-2.00	1	Decreasing
PTX06-1023	NA	10/18/1995	1/28/2016	20	20	No	0.29132	17.00	0.696	No Trend	4	4	No	0.335781	-2.00	1	Decreasing	4	4	No	0.3357813	-2.00	1	Decreasing
PTX06-1030	RDX	8/20/1996	5/23/2016	39	39	No	0.38158	41.00	0.685	No Trend	4	4	No	0.105213	2.00	0.625	No Trend	14	14	No	0.29591915	-24.00	1	Decreasing
PTX06-1030	HMX	8/20/1996	5/23/2016	39	33	No	0.64651	179.00	0.985	Increasing	4	4	No	0.411658	-4.00	1	Decreasing	14	14	No	0.27450425	-11.00	1	Decreasing
PTX06-1030	TNT	8/20/1996	5/23/2016	37	5	No	1.24043	-433.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1030	DNT24	8/20/1996	5/23/2016	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1030	DNT26	8/20/1996	5/23/2016	39	19	No	1.69609	-142.00	1	Decreasing	4	4	No	0.100992	2.00	0.625	No Trend	14	13	No	0.61162752	48.00	0.996	Increasing
PTX06-1030	DNT2A	8/20/1996	5/23/2016	37	21	No	1.14368	301.00	1	Increasing	4	4	No	0.343956	-6.00	1	Decreasing	14	14	No	0.34032303	-45.00	1	Decreasing
PTX06-1030	DNT4A	8/20/1996	5/23/2016	37	34	No	0.68218	390.00	1	Increasing	4	4	No	0.053776	0.00	0.375	Stable	14	14	No	0.450369	51.00	0.998	Increasing
PTX06-1030	TNB135	8/20/1996	5/23/2016	37	16	No	1.50649	-241.00	1	Decreasing	4	4	No	0.249187	-6.00	1	Decreasing	14	11	No	1.03329688	-50.00	1	Decreasing
PTX06-1030	DNB13	8/20/1996	5/23/2016	33	5	No	1.84151	-197.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1030	DIOXANE14	7/27/2005	7/31/2007	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1030	PCE	8/20/1996	5/23/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect
PTX06-1030	TCE	8/20/1996	5/23/2016	39	16	No	0.676	-220.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	13	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1030	DCE12C	8/20/1996	5/23/2016	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect
PTX06-1030	DCA12	8/20/1996	5/23/2016	34	26	No	1.27884	-368.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	13	10	No	0.16006466	-10.00	1	Decreasing
PTX06-1030	TCLME	8/20/1996	5/23/2016	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect
PTX06-1030	PERC	8/17/1999	5/5/2009	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1030	B	8/20/1996	5/23/2016	39	39	No	0.23996	275.00	1	Increasing	4	4	No	0.055565	-2.00	1	Decreasing	13	13	No	0.11365448	-30.00	1	Decreasing
PTX06-1030	CR	8/20/1996	5/23/2016	39	38	No	1.27472	11.00	0.548	No Trend	4	4	No	1.439287	4.00	0.833	No Trend	13	13	No	2.13531024	36.00	0.985	Increasing
PTX06-1030	CR-6	8/20/1996	10/27/2015	38	19	No	0.53566	56.00	0.754	No Trend	4	4	No	0.531798	4.00	0.833	No Trend	12	8	No	0.32314038	-3.00	1	Decreasing
PTX06-1030	MN	8/20/1996	5/23/2016	38	36	No	2.51281	-307.00	1	Decreasing	4	4	No	0.94616	6.00	0.958	Increasing	13	12	No	0.71527393	-2.00	1	Decreasing
PTX06-1030	NI	8/20/1996	5/23/2016	37	37	No	2.14282	-196.00	1	Decreasing	4	4	No	0.801303	0.00	0.375	Stable	13	13	No	1.22656738	20.00	0.874	No Trend
PTX06-1030	MO	8/20/1996	5/23/2016	37	36	No	1.04865	-143.00	1	Decreasing	4	4	No	1.270815	4.00	0.833	No Trend	13	13	No	1.45493284	29.00	0.956	Increasing
PTX06-1030	AL	8/20/1996	5/23/2016	29	18	No	2.41383	4.00	0.522	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1030	AS	8/20/1996	7/31/2007	23	15	No	0.49089	98.00	0.9955	Increasing	4	4	No	0.278257	4.00	0.833	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1030	BA	8/20/1996	5/23/2016	29	29	No	0.10595	-15.00	1	Decreasing	4	4	No	0.139115	-4.00	1	Decreasing	4	4	No	0.1391148	-4.00	1	Decreasing
PTX06-1030	CA	8/20/1996	5/23/2016	16	16	No	0.13014	16.00	0.747	No Trend	4	4	No	0.179405	-4.00	1	Decreasing	4	4	No	0.17940477	-4.00	1	Decreasing
PTX06-1030	FE	8/20/1996	5/23/2016	36	35	No	1.30733	12.00	0.559	No Trend	4	4	No	0.708274	4.00	0.833	No Trend	13	13	No	0.88378284	26.00	0.936	Probably Increasing
PTX06-1030	K	8/20/1996	5/23/2016	19	19	No	0.19055	-5.00	1	Decreasing	4	4	No	0.435395	0.00	0.375	Stable	4	4	No	0.43539519	0.00	0.375	Stable
PTX06-1030	MG	8/20/1996	5/23/2016	28	28	No	0.07724	107.00	0.982	Increasing	4	4	No	0.068365	-5.00	1	Decreasing	4	4	No	0.06836544	-5.00	1	Decreasing
PTX06-1030	NA	8/20/1996	5/23/2016	19	19	No	0.11092	78.00	0.997	Increasing	4	4	No	0.089951	-1.00	1	Decreasing	4	4	No	0.08995116	-1.00	1	Decreasing
PTX06-1031	RDX	8/20/1996	10/24/2016	41	38	No	0.63493	474.00	1	Increasing	4	4	No	0.207657	4.00	0.833	No Trend	15	15	No	0.16380598	25.00	0.88	No Trend
PTX06-1031	HMX	8/20/1996	10/24/2016	39	28	No	0.97356	432.00	1	Increasing	4	4	No	0.124831	4.00	0.833	No Trend	15	15	No	0.44614993	71.00	1	Increasing
PTX06-1031	TNT	8/20/1996	10/24/2016	39	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1031	DNT24	8/20/1996	10/24/2016	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1031	DNT26	8/20/1996	10/24/2016	39	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1031	DNT2A	8/20/1996	10/24/2016	40	6	No	1.48167	-369.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1031	DNT4A	8/20/1996	10/24/2016	40	34	No	0.47333	161.00	0.969	Increasing	4	4	No	0.101677	4.00	0.833	No Trend	15	13	No	0.40077726	72.00	1	Increasing
PTX06-1031	TNB135	8/20/1996	10/24/2016	38	11	No	1.53223	-276.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	6	No	0.17646374	-46.00	1	Decreasing
PTX06-1031	DNB13	8/20/1996	10/24/2016	34	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX06-1031	DIOXANE14	7/27/2005	7/31/2007	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1031	PCE	8/20/1996	10/24/2016	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1031	TCE	8/20/1996	10/24/2016	42	29	No	0.29674	-207.00	1	Decreasing	4	4	No	0.178913	-6.00	1	Decreasing	15	11	No	0.23365139	35.00	1	Increasing
PTX06-1031	DCE12C	8/20/1996	10/24/2016	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1031	DCA12	8/20/1996	10/24/2016	37	24	No	0.90256	-394.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	7	No	0.24128268	-7.00	1	Decreasing
PTX06-1031	TCLME	8/20/1996	10/24/2016	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1031	PERC	8/17/1999	5/5/2009	18	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1031	B	8/20/1996	10/24/2016	41	41	No	0.39157	489.00	1	Increasing	4	4	No	0.080989	2.00	0.625	No Trend	15	15	No	0.08055008	17.00	0.782	No Trend
PTX06-1031	CR	8/20/1996	10/24/2016	41	41	No	1.41604	-116.00	1	Decreasing	4	4	No	0.6683	0.00	0.375	Stable	15	15	No	1.38508164	-13.00	1	Decreasing
PTX06-1031	CR-6	8/20/1996	10/24/2016	41	15	No	0.32302	103.00	1	Increasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	15	8	No	0.27310462	-38.00	1	Decreasing
PTX06-1031	MN	8/20/1996	10/24/2016	40	37	No	1.00977	-214.00	1	Decreasing	4	4	No	0.198501	2.00	0.625	No Trend	15	14	No	0.7284259	-27.00	1	Decreasing
PTX06-1031	NI	8/20/1996	10/24/2016	39	38	No	0.98091	-213.00	1	Decreasing	4	4	No	0.30979	-2.00	1	Decreasing	15	15	No	0.84910666	-17.00	1	Decreasing
PTX06-1031	MO	8/20/1996	10/24/2016	39	38	No	1.02917	-139.00	1	Decreasing	4	4	No	0.075979	2.00	0.625	No Trend	15	15	No	0.54710471	-21.00	1	Decreasing
PTX06-1031	AL	8/20/1996	5/23/2016	29	12	No	0.91143	-6.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1031	AS	8/20/1996	7/31/2007	23	20	No	0.53255	90.00	0.9915	Increasing	4	4	No	0.165816	-4.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1031	BA	8/20/1996	5/23/2016	29	28	No	0.13602	58.00	0.856	No Trend	4	4	No	0.116962	-2.00	1	Decreasing	4	4	No	0.11696194	-2.00	1	Decreasing
PTX06-1031	CA	8/20/1996	5/23/2016	16	16	No	0.05166	29.00	0.8945	No Trend	4	4	No	0.036179	0.00	0.375	Stable	4	4	No	0.03617858	0.00	0.375	Stable
PTX06-1031	FE	8/20/1996	10/24/2016	38	37	No	1.31659	-45.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	14	No	1.37506636	1.00	0.5	No Trend
PTX06-1031	K	8/20/1996	5/23/2016	19	19	No	0.16083	-30.00	1	Decreasing	4	4	No	0.376831	2.00	0.625	No Trend	4	4	No	0.3768312	2.00	0.625	No Trend
PTX06-1031	MG	8/20/1996	5/23/2016	28	28	No	0.05338	144.00	0.998	Increasing	4	4	No	0.067146	-4.00	1	Decreasing	4	4	No	0.06714569	-4.00	1	Decreasing
PTX06-1031	NA	8/20/1996	5/23/2016	19	19	No	0.07899	86.00	0.999	Increasing	4	4	No	0.055262	-2.00	1	Decreasing	4	4	No	0.05526232	-2.00	1	Decreasing
PTX06-1034	RDX	5/6/1998	8/17/2016	39	29	No	1.62383	597.00	1	Increasing	4	4	No	0.234999	6.00	0.958	Increasing	15	15	No	0.69300277	95.00	1	Increasing
PTX06-1034	HMX	5/6/1998	8/17/2016	38	11	No	1.65671	25.00	0.618	No Trend	4	4	No	0.557832	6.00	0.958	Increasing	15	10	No	1.30163732	77.00	1	Increasing
PTX06-1034	TNT	5/6/1998	8/17/2016	38	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1034	DNT24	5/6/1998	8/17/2016	38	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1034	DNT26	5/6/1998	8/17/2016	38	17	No	0.65337	-303.00	1	Decreasing	4	4	No	0.152228	-2.00	1	Decreasing	15	15	No	0.12301348	-37.00	1	Decreasing
PTX06-1034	DNT2A	5/6/1998	8/17/2016	38	9	No	1.07883	-290.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1034	DNT4A	5/6/1998	8/17/2016	39	38	No	0.87859	393.00	1	Increasing	4	4	No	0.145907	-6.00	1	Decreasing	15	15	No	0.52022519	23.00	0.859	No Trend
PTX06-1034	TNB135	5/6/1998	8/17/2016	38	13	No	0.55888	-231.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	15	7	No	0.20109063	-50.00	1	Decreasing
PTX06-1034	DNB13	5/6/1998	8/17/2016	34	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1034	DIOXANE14	7/27/2005	7/31/2007	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1034	PCE	5/6/1998	8/17/2016	35	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1034	TCE	5/6/1998	8/17/2016	39	24	No	0.78611	-48.00	1	Decreasing	4	4	No	0.090652	-2.00	1	Decreasing	15	15	No	0.34168281	17.00	0.782	No Trend
PTX06-1034	DCE12C	8/18/1998	8/17/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1034	DCA12	5/6/1998	8/17/2016	35	15	No	1.08911	-227.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	11	No	0.23892087	3.00	0.539	No Trend
PTX06-1034	TCLME	5/6/1998	8/17/2016	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1034	PERC	8/17/1999	5/19/2009	18	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1034	B	5/6/1998	8/17/2016	39	39	No	0.67361	502.00	1	Increasing	4	4	No	0.163546	6.00	0.958	Increasing	15	15	No	0.51115629	96.00	1	Increasing
PTX06-1034	CR	5/6/1998	8/17/2016	39	38	No	0.50006	288.00	1	Increasing	4	4	No	0.606605	2.00	0.625	No Trend	15	14	No	0.48984386	19.00	0.81	No Trend
PTX06-1034	CR-6	2/26/1998	8/17/2016	38	9	No	0.34613	160.00	0.9775	Increasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	14	4	No	0.30452775	-35.00	1	Decreasing
PTX06-1034	MN	5/6/1998	2/2/2016	27	19	No	1.22924	-89.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1034	NI	5/6/1998	5/19/2009	22	13	No	1.48404	-47.00	1	Decreasing	4	4	No	1.077283	2.00	0.625	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1034	MO	5/6/1998	5/19/2009	22	22	No	0.14819	-21.00	1	Decreasing	4	4	No	0.057007	-3.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1034	AL	5/6/1998	2/2/2016	27	18	No	0.62993	-126.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1034	AS	5/6/1998	7/31/2007	21	16	No	0.38685	-56.00	1	Decreasing	4	4	No	0.17405	-2.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1034	BA	5/6/1998	2/2/2016	27	27	No	0.05909	-22.00	1	Decreasing	4	4	No	0.024899	6.00	0.958	Increasing	4	4	No	0.02489927	6.00	0.958	Increasing
PTX06-1034	CA	5/6/1998	2/2/2016	15	15	No	0.06511	36.00	1	Increasing	4	4	No	0.042526	4.00	0.833	No Trend	4	4	No	0.04252575	4.00	0.833	No Trend
PTX06-1034	FE	5/6/1998	2/2/2016	26	20	No	0.85076	112.00	0.9935	Increasing	4	4	No	0.184828	0.00	0.375	Stable	4	4	No	0.1848282	0.00	0.375	Stable
PTX06-1034	K	5/6/1998	2/2/2016	18	18	No	0.04773	67.00	0.995	Increasing	4	4	No	0.035272	4.00	0.833	No Trend	4	4	No	0.03527209	4.00	0.833	No Trend
PTX06-1034	MG	5/6/1998	2/2/2016	27	27	No	0.06732	98.00	0.979	Increasing	4	4	No	0.045827	-4.00	1	Decreasing	4	4	No	0.04582655	-4.00	1	Decreasing
PTX06-1034	NA	5/6/1998	2/2/2016	18	18	No	0.04736	-63.00	1	Decreasing	4	4	No	0.021628	3.00	0.729	No Trend	4	4	No	0.02162845	3.00	0.729	No Trend
PTX06-1035	RDX	8/26/1998	8/10/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	HMX	8/26/1998	8/10/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	TNT	8/26/1998	8/10/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	DNT24	8/26/1998	8/10/2016	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	DNT26	8/26/1998	8/10/2016	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	DNT2A	8/26/1998	8/10/2016	35	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	DNT4A	8/26/1998	8/10/2016	37	29	No	3.3498	-68.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	12	No	0.78639848	-32.00	1	Decreasing
PTX06-1035	TNB135	8/26/1998	8/10/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	DNB13	8/26/1998	8/10/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	DIOXANE14	8/11/2005	8/10/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	PCE	8/26/1998	8/10/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	TCE	8/26/1998	8/10/2016	36	10	No	0.81807	4.00	0.516	No Trend	4	4	No	0.133479	4.00	0.833	No Trend	15	10	No	0.72967339	63.00	1	Increasing
PTX06-1035	DCE12C	11/4/2002	8/10/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	DCA12	8/26/1998	8/10/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	TCLME	8/26/1998	8/10/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	PERC	4/19/2001	8/10/2016	32	17	No	1.18561	355.00	1	Increasing	4	4	No	0.129804	6.00	0.958	Increasing	15	15	No	0.73131438	99.00	1	Increasing
PTX06-1035	B	8/26/1998	8/10/2016	30	30	No	0.17409	263.00	1	Increasing	4	4	No	0.024358	-2.00	1	Decreasing	15	15	No	0.08406899	27.00	0.899	No Trend
PTX06-1035	CR	8/26/1998	5/6/2009	21	15	No	0.59702	50.00	1	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1035	CR-6	8/26/1998	5/6/2009	20	4	No	0.48907	41.00	0.9015	Probably Increasing	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1035	MN	8/26/1998	2/2/2016	21	14	No	1.19761	-28.00	1	Decreasing	4	4	No	0.284103	4.00	0.833	No Trend	4	4	No	0.284103	4.00	0.833	No Trend
PTX06-1035	NI	8/26/1998	2/10/2009	16	8	No	1.27981	-73.00	1	Decreasing	4	4	No	0.133333	3.00	0.729	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1035	MO	8/26/1998	2/10/2009	16	16	No	0.23106	62.00	0.998	Increasing	4	4	No	0.055273	1.00	0.5	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1035	AL	8/26/1998	2/2/2016	21	8	No	0.73004	-92.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1035	AS	8/26/1998	7/30/2007	15	8	No	0.41873	-19.00	1	Decreasing	4	4	No	0.299716	3.00	0.729	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1035	BA	8/26/1998	2/2/2016	21	21	No	0.32976	-143.00	1	Decreasing	4	4	No	0.31318	0.00	0.375	Stable	4	4	No	0.3131797	0.00	0.375	Stable
PTX06-1035	CA	8/26/1998	2/2/2016	12	12	No	0.11329	28.00	0.969	Increasing	4	4	No	0.089305	2.00	0.625	No Trend	4	4	No	0.08930496	2.00	0.625	No Trend
PTX06-1035	FE	8/26/1998	2/2/2016	21	18	No	0.87899	142.00	1	Increasing	4	4	No	0.546871	0.00	0.375	Stable	4	4	No	0.54687067	0.00	0.375	Stable
PTX06-1035	K	8/26/1998	2/2/2016	16	16	No	0.05902	71.00	0.9995	Increasing	4	4	No	0.037875	6.00	0.958	Increasing	4	4	No	0.03787513	6.00	0.958	Increasing
PTX06-1035	MG	8/26/1998	2/2/2016	21	21	No	0.12096	94.00	1	Increasing	4	4	No	0.074453	-2.00	1	Decreasing	4	4	No	0.07445285	-2.00	1	Decreasing
PTX06-1035	NA	8/26/1998	2/2/2016	16	16	No	0.11669	68.00	0.999	Increasing	4	4	No	0.060244	2.00	0.625	No Trend	4	4	No	0.06024423	2.00	0.625	No Trend
PTX06-1036	RDX	8/26/1998	7/16/2014	26	16	No	0.75509	145.00	0.999	Increasing	4	4	No	0.287524	0.00	0.375	Stable	5	5	No	0.24875017	-2.00	1	Decreasing
PTX06-1036	HMX	8/26/1998	7/16/2014	26	12	No	1.59863	126.00	0.9975	Increasing	4	4	No	0.095352	0.00	0.375	Stable	5	5	No	0.11300669	4.00	0.758	No Trend
PTX06-1036	TNT	8/26/1998	7/16/2014	26	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	5	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1036	DNT24	8/26/1998	7/16/2014	26	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	5	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1036	DNT26	8/26/1998	7/16/2014	25	2	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	5	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1036	DNT2A	8/26/1998	7/16/2014	26	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	5	1	No	0	0.00	0	A (<4 Detections in Datas

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX06-1036	DNT4A	8/26/1998	7/16/2014	26	13	No	0.79897	-161.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	5	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1036	TNB135	8/26/1998	7/16/2014	25	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	5	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1036	DNB13	8/26/1998	7/16/2014	22	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	5	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1036	DIOXANE14	7/26/2005	7/26/2007	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1036	PCE	8/26/1998	7/16/2014	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1036	TCE	8/26/1998	7/16/2014	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1036	DCE12C	10/24/2001	7/16/2014	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1036	DCA12	8/26/1998	7/16/2014	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1036	TCLME	8/26/1998	7/16/2014	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1036	PERC	3/20/2001	5/10/2010	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1036	B	8/26/1998	7/16/2014	26	26	No	0.09822	-92.00	1	Decreasing	4	4	No	0.110989	-6.00	1	Decreasing	5	5	No	0.11203233	-4.00	1	Decreasing
PTX06-1036	CR	8/26/1998	7/16/2014	26	23	No	0.76116	102.00	0.9875	Increasing	4	4	No	0.563662	2.00	0.625	No Trend	5	5	No	0.57600808	4.00	0.758	No Trend
PTX06-1036	CR-6	8/26/1998	7/16/2014	26	9	No	0.62594	93.00	0.979	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	5	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1036	MN	8/26/1998	7/16/2014	23	21	No	1.90347	-19.00	1	Decreasing	4	4	No	0.443675	-2.00	1	Decreasing	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1036	NI	8/26/1998	2/2/2009	19	13	No	1.50516	-99.00	1	Decreasing	4	4	No	0.279726	0.00	0.375	Stable	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1036	MO	8/26/1998	2/2/2009	19	19	No	0.11459	-28.00	1	Decreasing	4	4	No	0.051268	-2.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1036	AL	8/26/1998	7/16/2014	23	20	No	1.33297	-62.00	1	Decreasing	4	4	No	1.717901	0.00	0.375	No Trend	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1036	AS	8/26/1998	7/26/2007	18	12	No	0.37225	-33.00	1	Decreasing	4	4	No	0.440903	0.00	0.375	Stable	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1036	BA	8/26/1998	7/16/2014	23	23	No	0.10806	-163.00	1	Decreasing	4	4	No	0.12737	-4.00	1	Decreasing	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1036	CA	8/26/1998	7/16/2014	11	11	No	0.06797	-19.00	1	Decreasing	4	4	No	0.049516	0.00	0.375	Stable	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1036	FE	8/26/1998	7/16/2014	23	22	No	1.08641	40.00	0.8465	No Trend	4	4	No	0.584703	-2.00	1	Decreasing	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1036	K	8/26/1998	7/16/2014	15	15	No	0.06434	-1.00	1	Decreasing	4	4	No	0.073376	-2.00	1	Decreasing	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1036	MG	8/26/1998	7/16/2014	23	23	No	0.10262	-44.00	1	Decreasing	4	4	No	0.163109	-2.00	1	Decreasing	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1036	NA	8/26/1998	7/16/2014	15	15	No	0.11109	25.00	0.88	No Trend	4	4	No	0.211233	0.00	0.375	Stable	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1038	RDX	4/30/1998	8/8/2016	38	38	No	0.61825	-361.00	1	Decreasing	4	4	No	0.225961	-4.00	1	Decreasing	15	15	No	0.82721413	-85.00	1	Decreasing
PTX06-1038	HMX	4/30/1998	8/8/2016	38	37	No	0.40638	-363.00	1	Decreasing	4	4	No	0.340886	-4.00	1	Decreasing	15	15	No	0.32871284	-57.00	1	Decreasing
PTX06-1038	TNT	4/30/1998	8/8/2016	38	35	No	0.50108	173.00	0.985	Increasing	4	4	No	0.311876	-4.00	1	Decreasing	15	14	No	0.35355217	4.00	0.558	No Trend
PTX06-1038	DNT24	4/30/1998	8/8/2016	38	21	No	1.47019	-451.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	15	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1038	DNT26	4/30/1998	8/8/2016	38	16	No	3.06389	54.00	0.746	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	13	No	0.59364405	7.00	0.615	No Trend
PTX06-1038	DNT2A	4/30/1998	8/8/2016	38	36	No	0.63712	-346.00	1	Decreasing	4	4	No	0.184914	0.00	0.375	Stable	15	15	No	0.47664641	-75.00	1	Decreasing
PTX06-1038	DNT4A	4/30/1998	8/8/2016	38	35	No	0.54761	-62.00	1	Decreasing	4	4	No	0.148339	-2.00	1	Decreasing	15	15	No	0.32313896	-37.00	1	Decreasing
PTX06-1038	TNB135	4/30/1998	8/8/2016	36	25	No	2.68387	115.00	0.9395	Probably Increasing	4	4	No	0.098176	-6.00	1	Decreasing	14	13	No	2.44430854	-15.00	1	Decreasing
PTX06-1038	DNB13	4/30/1998	8/8/2016	33	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1038	DIOXANE14	11/5/2002	7/19/2007	6	3	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1038	PCE	4/30/1998	8/8/2016	33	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1038	TCE	4/30/1998	8/8/2016	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1038	DCE12C	5/11/1999	8/8/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1038	DCA12	4/30/1998	8/8/2016	33	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1038	TCLME	4/30/1998	8/8/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1038	PERC	1/31/2000	2/4/2009	18	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1038	B	4/30/1998	8/8/2016	37	37	No	0.27136	-461.00	1	Decreasing	4	4	No	0.057053	-6.00	1	Decreasing	15	15	No	0.23562415	-63.00	1	Decreasing
PTX06-1038	CR	4/30/1998	8/8/2016	36	32	No	0.51954	-110.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	12	No	0.38281958	-22.00	1	Decreasing
PTX06-1038	CR-6	8/31/1998	8/8/2016	34	17	No	0.3803	-138.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	14	5	No	0.34142102	-36.00	1	Decreasing
PTX06-1038	MN	4/30/1998	2/2/2016	25	23	No	0.85722	13.00	0.609	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1038	NI	4/30/1998	2/4/2009	20	18	No	1.03472	59.00	0.9705	Increasing	4	4	No	0.139625	0.00	0.375	Stable	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1038	MO	4/30/1998	2/4/2009	20	20	No	0.22915	-39.00	1	Decreasing	4	4	No	0.112428	3.00	0.729	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1038	AL	4/30/1998	2/2/2016	25	18	No	0.75871	-2.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1038	AS	4/30/1998	7/19/2007	19	3	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1038	BA	4/30/1998	2/2/2016	25	24	No	0.17016	-86.00	1	Decreasing	4	4	No	0.356043	4.00	0.833	No Trend	4	4	No	0.35604279	4.00	0.833	No Trend
PTX06-1038	CA	4/30/1998	2/2/2016	13	13	No	0.11063	46.00	0.998	Increasing	4	4	No	0.035409	4.00	0.833	No Trend	4	4	No	0.0354089	4.00	0.833	No Trend
PTX06-1038	FE	4/30/1998	2/2/2016	25	20	No	1.04364	128.00	0.999	Increasing	4	4	No	0.268459	0.00	0.375	Stable	4	4	No	0.26845859	0.00	0.375	Stable
PTX06-1038	K	4/30/1998	2/2/2016	17	17	No	0.0676	51.00	0.981	Increasing	4	4	No	0.011643	2.00	0.625	No Trend	4	4	No	0.01164257	2.00	0.625	No Trend
PTX06-1038	MG	4/30/1998	2/2/2016	25	25	No	0.1005	42.00	0.829	No Trend	4	4	No	0.052605	-4.00	1	Decreasing	4	4	No	0.05260461	-4.00	1	Decreasing
PTX06-1038	NA	4/30/1998	2/2/2016	17	17	No	0.22927	56.00	0.989	Increasing	4	4	No	0.171999	2.00	0.625	No Trend	4	4	No	0.17199855	2.00	0.625	No Trend
PTX06-1039A	RDX	6/30/1998	8/8/2016	34	34	No	0.30854	-79.00	1	Decreasing	4	4	No	0.114914	0.00	0.375	Stable	15	15	No	0.18241608	-7.00	1	Decreasing
PTX06-1039A	HMX	6/30/1998	8/8/2016	34	33	No	0.93238	33.00	0.681	No Trend	4	4	No	0.158856	-4.00	1	Decreasing	15	15	No	0.26719568	19.00	0.81	No Trend
PTX06-1039A	TNT	6/30/1998	8/8/2016	34	24	No	0.77554	232.00	1	Increasing	4	4	No	0.119856	2.00	0.625	No Trend	15	15	No	0.26634875	-59.00	1	Decreasing
PTX06-1039A	DNT24	6/30/1998	8/8/2016	34	17	No	2.08192	-344.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	15	5	No	0.9346796	-69.00	1	Decreasing
PTX06-1039A	DNT26	6/30/1998	8/8/2016	34	17	No	4.09349	-8.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	14	No	0.46788201	15.00	0.752	No Trend
PTX06-1039A	DNT2A	6/30/1998	8/8/2016	34	29	No	0.75095	106.00	0.94	Probably Increasing	4	4	No	0.099382	-6.00	1	Decreasing	15	15	No	0.37080319	-60.00	1	Decreasing
PTX06-1039A	DNT4A	6/30/1998	8/8/2016	34	31	No	1.00383	15.00	0.582	No Trend	4	4	No	0.423981	2.00	0.625	No Trend	15	15	No	1.05962798	-41.00	1	Decreasing
PTX06-1039A	TNB135	6/30/1998	8/8/2016	33	22	No	3.04535	152.00	0.991	Increasing	4	4	No	0.08391	2.00	0.625	No Trend	15	15	No	0.31761898	18.00	0.796	No Trend
PTX06-1039A	DNB13	6/30/1998	8/8/2016	31	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1039A	DIOXANE14	5/1/2006	5/7/2007	2	1	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1039A	PCE	8/31/1998	8/8/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1039A	TCE	8/31/1998	8/8/2016	32	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1039A	DCE12C	5/11/1999	8/8/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1039A	DCA12	8/31/1998	8/8/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1039A	TCLME	8/31/1998	8/8/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1039A	PERC	1/31/2000	1/27/2010	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1039A	B	8/31/1998	8/8/2016	32	32	No	0.07825	-20.00	1	Decreasing	4	4	No	0.050337	2.00	0.625	No Trend	15	15	No	0.05199786	26.00	0.8895	No Trend
PTX06-1039A	CR	8/31/1998	8/8/2016	32	24	No	0.54436	68.00	0.86	No Trend	4	2	No	0	0.00	0	A (<4 Detections in Datas	15	7	No	0.42418333	25.00	0.88	No Trend
PTX06-1039A	CR-6	8/31/1998	8/8/2016	33	10	No	0.50616	-92.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	15	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1039A	MN	8/31/1998	2/3/2016	20	20	No	0.83862	11.00	1	Increasing	4	4	No	0.425131	2.00	0.625	No Trend	4	4	No	0.42513058	2.00	0.625	No Trend
PTX06-1039A	NI	8/31/1998	5/14/2009	16	16	No	1.11887	56.00	0.994	Increasing	4	4	No	1.101237	2.00	0.625	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1039A	MO	8/31/1998	5/14/2009	16	12	No	0.46443	-40.00	1	Decreasing	4	4	No	0.163056	4.00	0.833	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1039A	AL	8/31/1998	2/3/2016	20	15	No	0.71265	-34.00	1	Decreasing	4	4	No	0.904552	4.00	0.833	No Trend	4	4	No	0.90455215	4.00	0.833	No Trend
PTX06-1039A	AS	8/31/1998	5/7/2007	14	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1039A	BA	8/31/1998	2/3/2016	20	20	No	0.19825	-128.00	1	Decreasing	4	4	No	0.090388	6.00	0.958	Increasing	4	4	No	0.0903876	6.00	0.958	Increasing
PTX06-1039A	CA	8/31/1998	2/3/2016	11	11	No	0.22862	27.00	0.98	Increasing	4	4	No	0.119677	6.00	0.958	Increasing	4	4	No	0.11967744	6.00	0.958	Increasing
PTX06-1039A	FE	8/31/1998	2/3/2016	20	19	No	0.89849	58.00	0.968	Increasing	4	4	No	0.283066	4.00	0.833	No Trend	4	4	No	0.2830659	4.00	0.833	No Trend
PTX06-1039A	K	8/31/1998	2/3/2016	13	13	No	0.08811	45.00	0.9975	Increasing	4	4	No	0.048554	4.00	0.833	No Trend	4	4	No	0.04855355	4.00	0.833	No Trend
PTX06-1039A	MG	8/31/1998	2/3/2016	20	20	No	0.09643	61.00	0.975	Increasing	4	4	No	0.114327	0.00	0.375	Stable	4	4	No	0.11432669	0.00	0.375	Stable
PTX06-1039A	NA	8/31/1998	2/3/2016	13	13	No	0.31125	68.00	1	Increasing	4	4	No	0.196466	4.00	0.833	No Trend	4	4	No	0.19646577	4.00	0.833	No Trend
PTX06-1040	RDX	6/30/1998	8/8/2016	38	38	No	0.27441	285.00	1	Increasing	4	4	No	0.228207	2.00	0.625	No Trend	15	15	No	0.15334638	14.00	0.7365	No Trend
PTX06-1040	HMX	6/30/1998	8/8/2016	38	37	No	0.5926	268.00	1	Increasing	4	4	No	0.35108	0.00	0.375	Stable	15	15	No	0.37964917	54.00	1	Increasing
PTX06-1040	TNT	6/30/1998	8/8/2016	38	12	No	1.97933	137.00	0.956	Increasing	4	4	No	0.251189	2.00	0.625	No Trend	15	11	No	1.37028995	80.00	1	Increasing

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX06-1040	DNT24	6/30/1998	8/8/2016	37	7	No	2.26336	-228.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1040	DNT26	6/30/1998	8/8/2016	37	17	No	2.15179	83.00	0.857	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	13	No	0.62793484	43.00	1	Increasing
PTX06-1040	DNT2A	6/30/1998	8/8/2016	38	27	No	0.99489	185.00	0.99	Increasing	4	4	No	0.189756	-4.00	1	Decreasing	15	15	No	0.36825112	43.00	1	Increasing
PTX06-1040	DNT4A	6/30/1998	8/8/2016	38	37	No	0.38009	2.00	0.505	No Trend	4	4	No	0.357625	4.00	0.833	No Trend	15	15	No	0.46168295	29.00	1	Increasing
PTX06-1040	TNB135	6/30/1998	8/8/2016	37	20	No	3.07357	-57.00	1	Decreasing	4	4	No	0.305598	1.00	0.5	No Trend	15	15	No	0.89516327	38.00	1	Increasing
PTX06-1040	DNB13	6/30/1998	8/8/2016	32	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1040	DIOXANE14	8/10/2005	1/15/2007	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1040	PCE	8/31/1998	8/8/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1040	TCE	8/31/1998	8/8/2016	36	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1040	DCE12C	5/11/1999	8/8/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1040	DCA12	8/31/1998	8/8/2016	32	5	No	0.93241	-122.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1040	TCLME	8/31/1998	8/8/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1040	PERC	1/31/2000	1/27/2010	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1040	B	8/31/1998	8/8/2016	36	36	No	0.23099	-52.00	1	Decreasing	4	4	No	0.018941	5.00	0.8955	No Trend	15	15	No	0.07700883	10.00	0.669	No Trend
PTX06-1040	CR	8/31/1998	8/8/2016	37	35	No	0.66559	-8.00	1	Decreasing	4	4	No	0.601577	0.00	0.375	Stable	15	13	No	0.37106632	4.00	0.558	No Trend
PTX06-1040	CR-6	8/31/1998	8/8/2016	35	16	No	1.27826	-115.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	14	5	No	0.20378197	-35.00	1	Decreasing
PTX06-1040	MN	8/31/1998	2/3/2016	25	25	No	1.08769	-114.00	1	Decreasing	4	4	No	1.333382	-2.00	1	Decreasing	4	4	No	1.33338204	-2.00	1	Decreasing
PTX06-1040	NI	8/31/1998	1/26/2009	20	18	No	0.71847	63.00	0.9785	Increasing	4	4	No	0.276267	0.00	0.375	Stable	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1040	MO	8/31/1998	1/26/2009	20	20	No	0.35898	-101.00	1	Decreasing	4	4	No	0.1	1.00	0.5	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1040	AL	8/31/1998	2/3/2016	25	23	No	1.37889	-40.00	1	Decreasing	4	4	No	0.746163	0.00	0.375	Stable	4	4	No	0.74616341	0.00	0.375	Stable
PTX06-1040	AS	8/31/1998	7/19/2007	19	7	No	0.40536	-69.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1040	BA	8/31/1998	2/3/2016	25	25	No	0.15416	-121.00	1	Decreasing	4	4	No	0.065916	0.00	0.375	Stable	4	4	No	0.0659164	0.00	0.375	Stable
PTX06-1040	CA	8/31/1998	2/3/2016	13	13	No	0.23437	11.00	1	Increasing	4	4	No	0.150972	4.00	0.833	No Trend	4	4	No	0.15097233	4.00	0.833	No Trend
PTX06-1040	FE	8/31/1998	2/3/2016	24	23	No	1.06776	46.00	0.866	No Trend	4	4	No	0.201157	0.00	0.375	Stable	4	4	No	0.20115718	0.00	0.375	Stable
PTX06-1040	K	8/31/1998	2/3/2016	16	16	No	0.28558	27.00	0.8765	No Trend	4	4	No	0.055166	2.00	0.625	No Trend	4	4	No	0.05516595	2.00	0.625	No Trend
PTX06-1040	MG	8/31/1998	2/3/2016	25	25	No	0.14134	106.00	0.993	Increasing	4	4	No	0.035149	1.00	0.5	No Trend	4	4	No	0.03514872	1.00	0.5	No Trend
PTX06-1040	NA	8/31/1998	2/3/2016	16	16	No	0.1746	75.00	1	Increasing	4	4	No	0.130889	4.00	0.833	No Trend	4	4	No	0.13088916	4.00	0.833	No Trend
PTX06-1041	RDX	10/7/1999	8/8/2016	32	32	No	0.1563	-30.00	1	Decreasing	4	4	No	0.103539	0.00	0.375	Stable	15	15	No	0.15124563	33.00	1	Increasing
PTX06-1041	HMX	10/7/1999	8/8/2016	32	31	No	0.39756	-162.00	1	Decreasing	4	4	No	0.055804	-2.00	1	Decreasing	15	15	No	0.1883044	-13.00	1	Decreasing
PTX06-1041	TNT	10/7/1999	8/8/2016	31	23	No	0.99627	36.00	0.7225	No Trend	4	4	No	0.352095	-6.00	1	Decreasing	15	15	No	0.84674143	-97.00	1	Decreasing
PTX06-1041	DNT24	10/7/1999	8/8/2016	32	17	No	1.52864	-274.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1041	DNT26	10/7/1999	8/8/2016	32	15	No	1.50651	197.00	0.999	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	14	No	0.53085634	31.00	1	Increasing
PTX06-1041	DNT2A	10/7/1999	8/8/2016	31	26	No	1.40584	-3.00	1	Decreasing	4	4	No	0.167455	-4.00	1	Decreasing	15	14	No	0.42561227	41.00	1	Increasing
PTX06-1041	DNT4A	10/7/1999	8/8/2016	32	32	No	0.53548	-65.00	1	Decreasing	4	4	No	0.063943	0.00	0.375	Stable	15	15	No	0.63291742	-50.00	1	Decreasing
PTX06-1041	TNB135	10/7/1999	8/8/2016	30	19	No	2.93211	143.00	0.995	Increasing	4	4	No	0.219736	-6.00	1	Decreasing	14	14	No	0.24849857	-55.00	1	Decreasing
PTX06-1041	DNB13	10/7/1999	8/8/2016	30	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1041	DIOXANE14	10/25/2005	10/23/2007	3	2	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1041	PCE	10/7/1999	8/8/2016	30	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1041	TCE	10/7/1999	8/8/2016	32	4	No	0.90918	21.00	0.626	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1041	DCE12C	10/23/2001	8/8/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1041	DCA12	10/7/1999	8/8/2016	31	6	No	0.81555	-3.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1041	TCLME	10/7/1999	8/8/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1041	PERC	10/7/1999	1/27/2010	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1041	B	10/7/1999	8/8/2016	32	32	No	0.16643	200.00	1	Increasing	4	4	No	0.074521	-6.00	1	Decreasing	15	15	No	0.07354079	-10.00	1	Decreasing
PTX06-1041	CR	10/7/1999	8/8/2016	32	26	No	0.47935	89.00	0.9225	Probably Increasing	4	4	No	0.600651	4.00	0.833	No Trend	15	9	No	0.42801557	0.00	0.48	Stable
PTX06-1041	CR-6	10/7/1999	8/8/2016	32	12	No	0.40079	-77.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	6	No	0.32770045	-59.00	1	Decreasing
PTX06-1041	MN	10/7/1999	2/3/2016	20	19	No	1.7708	-10.00	1	Decreasing	4	4	No	0.235096	2.00	0.625	No Trend	4	4	No	0.23509586	2.00	0.625	No Trend
PTX06-1041	NI	10/7/1999	5/18/2009	15	10	No	1.28356	32.00	1	Increasing	4	4	No	0.762454	6.00	0.958	Increasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1041	MO	10/7/1999	5/18/2009	15	12	No	0.44781	-37.00	1	Decreasing	4	4	No	0.077199	5.00	0.8955	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1041	AL	10/7/1999	2/3/2016	20	13	No	1.11037	-83.00	1	Decreasing	4	4	No	0.417782	2.00	0.625	No Trend	4	4	No	0.41778161	2.00	0.625	No Trend
PTX06-1041	AS	10/7/1999	10/23/2007	14	4	No	2.89809	4.00	0.564	No Trend	4	1	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1041	BA	10/7/1999	2/3/2016	20	20	No	0.2146	-171.00	1	Decreasing	4	4	No	0.091106	-6.00	1	Decreasing	4	4	No	0.09110624	-6.00	1	Decreasing
PTX06-1041	CA	10/7/1999	2/3/2016	12	12	No	0.15167	28.00	0.969	Increasing	4	4	No	0.038008	2.00	0.625	No Trend	4	4	No	0.03800793	2.00	0.625	No Trend
PTX06-1041	FE	10/7/1999	2/3/2016	20	16	No	0.88078	21.00	0.7395	No Trend	4	4	No	0.339932	-2.00	1	Decreasing	4	4	No	0.33993201	-2.00	1	Decreasing
PTX06-1041	K	10/7/1999	2/3/2016	14	14	No	0.17933	27.00	0.921	Probably Increasing	4	4	No	0.003545	-2.00	1	Decreasing	4	4	No	0.00354536	-2.00	1	Decreasing
PTX06-1041	MG	10/7/1999	2/3/2016	20	20	No	0.09371	78.00	0.994	Increasing	4	4	No	0.078824	-4.00	1	Decreasing	4	4	No	0.078824	-4.00	1	Decreasing
PTX06-1041	NA	10/7/1999	2/3/2016	14	14	No	0.06648	42.00	0.9885	Increasing	4	4	No	0.06783	6.00	0.958	Increasing	4	4	No	0.06783004	6.00	0.958	Increasing
PTX06-1042	RDX	10/7/1999	8/8/2016	36	36	No	0.48535	-300.00	1	Decreasing	4	4	No	0.270483	-6.00	1	Decreasing	15	15	No	0.2327597	-3.00	1	Decreasing
PTX06-1042	HMX	10/7/1999	8/8/2016	36	34	No	1.01738	-86.00	1	Decreasing	4	4	No	0.287754	-2.00	1	Decreasing	15	15	No	0.38487901	-45.00	1	Decreasing
PTX06-1042	TNT	10/7/1999	8/8/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1042	DNT24	10/7/1999	8/8/2016	35	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	15	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1042	DNT26	10/7/1999	8/8/2016	34	11	No	2.50996	-262.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	10	No	0.23498563	-5.00	1	Decreasing
PTX06-1042	DNT2A	10/7/1999	8/8/2016	35	28	No	2.16094	-52.00	1	Decreasing	4	4	No	0.278397	-4.00	1	Decreasing	15	15	No	0.42737968	-75.00	1	Decreasing
PTX06-1042	DNT4A	10/7/1999	8/8/2016	36	31	No	0.84127	287.00	1	Increasing	4	4	No	0.31877	-6.00	1	Decreasing	15	15	No	0.49812013	29.00	1	Increasing
PTX06-1042	TNB135	10/7/1999	8/8/2016	34	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	14	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1042	DNB13	10/7/1999	8/8/2016	30	3	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1042	DIOXANE14	8/10/2005	7/19/2007	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1042	PCE	10/7/1999	8/8/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1042	TCE	10/7/1999	8/8/2016	36	12	No	0.61204	-58.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1042	DCE12C	10/23/2001	8/8/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1042	DCA12	10/7/1999	8/8/2016	32	13	No	1.03487	-236.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1042	TCLME	10/7/1999	8/8/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1042	PERC	10/7/1999	3/23/2009	22	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1042	B	10/7/1999	8/8/2016	36	36	No	0.23043	7.00	0.5325	No Trend	4	4	No	0.045645	0.00	0.375	Stable	15	15	No	0.15239815	-38.00	1	Decreasing
PTX06-1042	CR	10/7/1999	8/8/2016	35	27	No	0.54314	179.00	0.995	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	8	No	0.25155639	-12.00	1	Decreasing
PTX06-1042	CR-6	10/7/1999	8/8/2016	35	8	No	0.60733	-8.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	15	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1042	MN	10/7/1999	1/28/2016	24	24	No	1.37741	-82.00	1	Decreasing	4	4	No	1.264367	-4.00	1	Decreasing	4	4	No	1.264366 86	-4.00	1	Decreasing
PTX06-1042	NI	10/7/1999	2/3/2009	19	11	No	0.94496	-47.00	1	Decreasing	4	4	No	0.300815	-2.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1042	MO	10/7/1999	2/3/2009	19	19	No	0.29457	31.00	0.851	No Trend	4	4	No	0.08006	2.00	0.625	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1042	AL	10/7/1999	1/28/2016	24	9	No	0.83837	-86.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1042	AS	10/7/1999	7/19/2007	18	10	No	0.38392	-34.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1042	BA	10/7/1999	1/28/2016	24	24	No	0.3671	49.00	0.882	No Trend	4	4	No	0.117908	0.00	0.375	Stable	4	4	No	0.1179081	0.00	0.375	Stable
PTX06-1042	CA	10/7/1999	1/28/2016	12	12	No	0.14497	24.00	0.942	Probably Increasing	4	4	No	0.104899	4.00	0.833	No Trend	4	4	No	0.10489912	4.00	0.833	No Trend
PTX06-1042	FE	10/7/1999	1/28/2016	24	23	No	0.8297	54.00	0.905	Probably Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1042	K	10/7/1999	1/28/2016	16	16	No	0.10446	14.00	0.718	No Trend	4	4	No	0.038864	0.00	0.375	Stable	4	4	No	0.03886447	0.00	0.375	Stable
PTX06-1042	MG	10/7/1999	1/28/2016	24	24	No	0.08002	30.00	0.762	No Trend	4	4	No	0.027785	6.00	0.958	Increasing	4	4	No	0.02778544	6.00	0.958	Increasing
PTX06-1042	NA	10/7/1999	1/28/2016	16	16	No	0.11027	16.00	0.747	No Trend	4	4	No	0.095927	2.00	0.625	No Trend	4	4	No	0.09592719	2.00	0.625	No Trend

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX06-1046	RDX	1/5/2000	8/10/2016	36	36	No	0.47975	516.00	1	Increasing	4	4	No	0.403855	0.00	0.375	Stable	15	15	No	0.36865302	59.00	1	Increasing
PTX06-1046	HMX	1/5/2000	8/10/2016	35	30	No	0.83806	488.00	1	Increasing	4	4	No	0.344715	0.00	0.375	Stable	15	15	No	0.38047161	71.00	1	Increasing
PTX06-1046	TNT	1/5/2000	8/10/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1046	DNT24	1/5/2000	8/10/2016	36	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1046	DNT26	1/5/2000	8/10/2016	35	8	No	3.51779	-284.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	15	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1046	DNT2A	1/5/2000	8/10/2016	35	16	No	2.96041	293.00	1	Increasing	4	4	No	0.242422	-4.00	1	Decreasing	15	15	No	0.59887274	85.00	1	Increasing
PTX06-1046	DNT4A	1/5/2000	8/10/2016	36	30	No	0.64956	-3.00	1	Decreasing	4	4	No	0.320581	-6.00	1	Decreasing	15	15	No	0.44172609	7.00	0.615	No Trend
PTX06-1046	TNB135	1/5/2000	8/10/2016	34	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1046	DNB13	1/5/2000	8/10/2016	32	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1046	DIOXANE14	7/28/2005	8/2/2007	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1046	PCE	9/11/2000	8/10/2016	31	7	No	0.93307	-178.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	6	No	0.14855298	-37.00	1	Decreasing
PTX06-1046	TCE	9/11/2000	8/10/2016	35	34	No	0.36327	-187.00	1	Decreasing	4	4	No	0.160465	-2.00	1	Decreasing	15	14	No	0.3677817	34.00	1	Increasing
PTX06-1046	DCE12C	10/24/2001	8/10/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1046	DCA12	9/11/2000	8/10/2016	31	30	No	0.5399	-247.00	1	Decreasing	4	4	No	0.143048	0.00	0.375	Stable	15	15	No	0.35305184	-85.00	1	Decreasing
PTX06-1046	TCLME	9/11/2000	8/10/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1046	PERC	11/27/2000	2/3/2009	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1046	B	1/5/2000	8/10/2016	36	36	No	0.38966	558.00	1	Increasing	4	4	No	0.063689	0.00	0.375	Stable	15	15	No	0.18353089	81.00	1	Increasing
PTX06-1046	CR	1/5/2000	8/10/2016	36	27	No	0.878	314.00	1	Increasing	4	4	No	0.115685	4.00	0.833	No Trend	15	9	No	0.68851082	51.00	1	Increasing
PTX06-1046	CR-6	9/11/2000	8/10/2016	35	14	No	0.5145	196.00	0.9975	Increasing	4	4	No	0.594394	2.00	0.625	No Trend	15	8	No	0.43605624	10.00	0.669	No Trend
PTX06-1046	MN	1/5/2000	1/27/2016	24	19	No	2.43432	-61.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1046	NI	1/5/2000	2/3/2009	19	8	No	0.79668	-104.00	1	Decreasing	4	4	No	0.17391	0.00	0.375	Stable	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1046	MO	1/5/2000	2/3/2009	19	18	No	0.19064	-13.00	1	Decreasing	4	4	No	0.032897	3.00	0.729	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1046	AL	1/5/2000	1/27/2016	24	12	No	1.31861	-55.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1046	AS	1/5/2000	8/2/2007	18	14	No	0.38194	-11.00	1	Decreasing	4	4	No	0.19397	-4.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1046	BA	1/5/2000	1/27/2016	24	24	No	0.05534	-56.00	1	Decreasing	4	4	No	0.045587	-2.00	1	Decreasing	4	4	No	0.04558716	-2.00	1	Decreasing
PTX06-1046	CA	1/5/2000	1/27/2016	12	12	No	0.0664	43.00	0.9985	Increasing	4	4	No	0.070771	5.00	0.8955	No Trend	4	4	No	0.07077149	5.00	0.8955	No Trend
PTX06-1046	FE	1/5/2000	1/27/2016	24	23	No	1.46581	4.00	0.529	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1046	K	1/5/2000	1/27/2016	16	16	No	0.04799	56.00	0.994	Increasing	4	4	No	0.071842	4.00	0.833	No Trend	4	4	No	0.07184154	4.00	0.833	No Trend
PTX06-1046	MG	1/5/2000	1/27/2016	24	24	No	0.08894	112.00	0.997	Increasing	4	4	No	0.082606	0.00	0.375	Stable	4	4	No	0.08260649	0.00	0.375	Stable
PTX06-1046	NA	1/5/2000	1/27/2016	16	16	No	0.07663	81.00	1	Increasing	4	4	No	0.093791	2.00	0.625	No Trend	4	4	No	0.09379149	2.00	0.625	No Trend
PTX06-1047A	RDX	9/11/2000	8/10/2016	31	23	No	1.0806	142.00	0.9925	Increasing	4	4	No	0.274671	4.00	0.833	No Trend	15	15	No	0.80563994	-60.00	1	Decreasing
PTX06-1047A	HMX	9/11/2000	8/10/2016	31	17	No	0.919	-66.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	15	12	No	0.81265938	-69.00	1	Decreasing
PTX06-1047A	TNT	9/11/2000	8/10/2016	31	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1047A	DNT24	9/11/2000	8/10/2016	30	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	14	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1047A	DNT26	9/11/2000	8/10/2016	30	2	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	14	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1047A	DNT2A	9/11/2000	8/10/2016	30	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	14	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1047A	DNT4A	9/11/2000	8/10/2016	30	22	No	1.02815	58.00	0.844	No Trend	4	4	No	0.527167	0.00	0.375	Stable	14	14	No	0.82965944	-29.00	1	Decreasing
PTX06-1047A	TNB135	9/11/2000	8/10/2016	30	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1047A	DNB13	9/11/2000	8/10/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1047A	DIOXANE14	5/3/2006	5/2/2007	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1047A	PCE	9/11/2000	8/10/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1047A	TCE	9/11/2000	8/10/2016	31	13	No	0.89726	-186.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	7	No	0.14177427	19.00	0.81	No Trend
PTX06-1047A	DCE12C	10/24/2001	8/10/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1047A	DCA12	9/11/2000	8/10/2016	29	13	No	0.69557	-132.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	15	10	No	0.81518425	-75.00	1	Decreasing
PTX06-1047A	TCLME	9/11/2000	8/10/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1047A	PERC	9/11/2000	5/2/2007	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1047A	B	9/11/2000	8/10/2016	31	31	No	0.25683	96.00	0.9465	Probably Increasing	4	4	No	0.097673	2.00	0.625	No Trend	15	15	No	0.26823575	-67.00	1	Decreasing
PTX06-1047A	CR	9/11/2000	8/10/2016	31	17	No	0.48747	245.00	1	Increasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	15	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1047A	CR-6	9/11/2000	8/10/2016	31	5	No	0.48564	39.00	0.739	No Trend	4	1	No	0	0.00	0	A (<4 Detections in Datas	15	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1047A	MN	9/11/2000	1/27/2016	20	18	No	1.09623	-43.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	5	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1047A	NI	9/11/2000	11/18/2009	16	7	No	1.45341	-60.00	1	Decreasing	4	4	No	0.107313	0.00	0.375	Stable	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1047A	MO	9/11/2000	11/18/2009	16	16	No	0.15299	-24.00	1	Decreasing	4	4	No	0.071779	-2.00	1	Decreasing	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1047A	AL	9/11/2000	1/27/2016	19	15	No	0.8149	-14.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1047A	AS	9/11/2000	5/2/2007	13	11	No	0.51212	-3.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1047A	BA	9/11/2000	1/27/2016	19	19	No	0.23713	112.00	1	Increasing	4	4	No	0.137635	-4.00	1	Decreasing	4	4	No	0.13763459	-4.00	1	Decreasing
PTX06-1047A	CA	9/11/2000	1/27/2016	10	10	No	0.0574	10.00	1	Increasing	4	4	No	0.056492	0.00	0.375	Stable	4	4	No	0.05649248	0.00	0.375	Stable
PTX06-1047A	FE	9/11/2000	1/27/2016	20	18	No	0.88076	70.00	0.988	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	5	4	No	0.65742098	-4.00	1	Decreasing
PTX06-1047A	K	9/11/2000	1/27/2016	12	12	No	0.0678	19.00	0.8885	No Trend	4	4	No	0.074298	-4.00	1	Decreasing	4	4	No	0.07429834	-4.00	1	Decreasing
PTX06-1047A	MG	9/11/2000	1/27/2016	19	19	No	0.1142	-2.00	1	Decreasing	4	4	No	0.116657	-2.00	1	Decreasing	4	4	No	0.11665706	-2.00	1	Decreasing
PTX06-1047A	NA	9/11/2000	1/27/2016	12	12	No	0.12648	30.00	0.978	Increasing	4	4	No	0.138039	0.00	0.375	Stable	4	4	No	0.1380392	0.00	0.375	Stable
PTX06-1048A	RDX	9/5/2000	4/27/2016	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	HMX	9/5/2000	4/27/2016	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	TNT	9/5/2000	4/27/2016	25	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	DNT24	9/5/2000	4/27/2016	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	DNT26	9/5/2000	4/27/2016	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	DNT2A	9/5/2000	4/27/2016	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	DNT4A	9/5/2000	4/27/2016	25	13	No	0.3471	-108.00	1	Decreasing	4	4	No	0.171155	-6.00	1	Decreasing	7	6	No	0.15594819	-19.00	1	Decreasing
PTX06-1048A	TNB135	9/5/2000	4/27/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	DNB13	9/5/2000	4/27/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	DIOXANE14	8/8/2005	7/18/2007	5	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1048A	PCE	9/5/2000	4/27/2016	21	4	No	0.88835	-10.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	TCE	9/5/2000	4/27/2016	25	24	No	0.60435	-164.00	1	Decreasing	4	4	No	0.492425	2.00	0.625	No Trend	7	6	No	0.69055231	11.00	0.932	Probably Increasing
PTX06-1048A	DCE12C	5/21/2002	4/27/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	DCA12	9/5/2000	4/27/2016	21	9	No	0.8065	-8.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	7	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1048A	TCLME	9/5/2000	4/27/2016	20	5	No	0.24697	57.00	0.9655	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	7	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1048A	PERC	9/5/2000	1/29/2009	18	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1048A	B	9/5/2000	4/27/2016	25	25	No	0.11887	93.00	0.985	Increasing	4	4	No	0.045825	-4.00	1	Decreasing	7	7	No	0.04748062	-7.00	1	Decreasing
PTX06-1048A	CR	9/5/2000	1/29/2009	18	17	No	1.11846	44.00	0.948	Probably Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1048A	CR-6	9/5/2000	1/29/2009	18	8	No	1.15813	-16.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1048A	MN	9/5/2000	4/27/2016	21	20	No	0.67358	-60.00	1	Decreasing	4	4	No	0.388726	4.00	0.833	No Trend	4	4	No	0.38872612	4.00	0.833	No Trend
PTX06-1048A	NI	9/5/2000	1/29/2009	16	15	No	0.71696	-2.00	1	Decreasing	4	4	No	0.639444	-4.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1048A	MO	9/5/2000	1/29/2009	16	16	No	0.23287	56.00	0.994	Increasing	4	4	No	0.158246	-2.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1048A	AL	9/5/2000	4/27/2016	21	20	No	1.41993	-22.00	1	Decreasing	4	4	No	0.561131	2.00	0.625	No Trend	4	4	No	0.56113115	2.00	0.625	No Trend
PTX06-1048A	AS	9/5/2000	7/18/2007	15	10	No	0.49579	-1.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1048A	BA	9/5/2000	4/27/2016	21	21	No	0.0968	-140.00	1	Decreasing	4	4	No	0.03516	0.00	0.375	Stable	4	4	No	0.03515954	0.00	0.375	Stable
PTX06-1048A	CA	9/5/2000	4/27/2016	11	11	No	0.11583	-23.00	1	Decreasing	4	4	No	0.0647	2.00	0.625	No Trend	4	4	No	0.06469966	2.00	0.625	No Trend
PTX06-1048A	FE	9/5/2000	4/27/2016	21	21	No	1.02865	18.00	0.694	No Trend	4	4	No	0.489563	4.00	0.833	No Trend	4	4	No	0.48956339	4.00	0.833	No Trend

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX06-1048A	K	9/5/2000	4/27/2016	15	15	No	0.07533	-42.00	1	Decreasing	4	4	No	0.018509	4.00	0.833	No Trend	4	4	No	0.01850857	4.00	0.833	No Trend
PTX06-1048A	MG	9/5/2000	4/27/2016	21	21	No	0.07714	67.00	1	Increasing	4	4	No	0.064371	4.00	0.833	No Trend	4	4	No	0.06437092	4.00	0.833	No Trend
PTX06-1048A	NA	9/5/2000	4/27/2016	15	15	No	0.05322	-31.00	1	Decreasing	4	4	No	0.056961	2.00	0.625	No Trend	4	4	No	0.05696112	2.00	0.625	No Trend
PTX06-1049	RDX	9/7/2000	10/26/2016	24	12	No	0.98393	133.00	1	Increasing	4	4	No	0.373264	-2.00	1	Decreasing	14	12	No	0.65112667	48.00	0.996	Increasing
PTX06-1049	HMX	9/7/2000	10/26/2016	24	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	14	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1049	TNT	9/7/2000	10/26/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	DNT24	9/7/2000	10/26/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	DNT26	9/7/2000	10/26/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	DNT2A	9/7/2000	10/26/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	DNT4A	9/7/2000	10/26/2016	24	13	No	0.9317	123.00	0.999	Increasing	4	4	No	0.259117	-6.00	1	Decreasing	14	13	No	0.48196178	6.00	0.6055	No Trend
PTX06-1049	TNB135	9/7/2000	10/26/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	DNB13	9/7/2000	10/26/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	DIOXANE14	5/3/2006	5/14/2007	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1049	PCE	9/7/2000	10/26/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	TCE	9/7/2000	10/26/2016	25	16	No	0.80158	48.00	0.862	No Trend	4	4	No	0.103759	-2.00	1	Decreasing	15	15	No	0.88397152	57.00	1	Increasing
PTX06-1049	DCE12C	8/12/2002	10/26/2016	20	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	14	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1049	DCA12	9/7/2000	10/26/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	TCLME	9/7/2000	10/26/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	PERC	11/16/2000	5/14/2007	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1049	B	9/7/2000	10/26/2016	25	25	No	0.10007	57.00	0.903	Probably Increasing	4	4	No	0.034502	1.00	0.5	No Trend	14	14	No	0.08764119	16.00	0.7905	No Trend
PTX06-1049	CR	9/7/2000	5/14/2007	11	11	No	1.93416	16.00	0.875	No Trend	4	4	No	1.53231	4.00	0.833	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1049	CR-6	9/7/2000	5/14/2007	10	5	No	0.56621	-6.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1049	MN	9/7/2000	6/20/2016	15	14	No	0.98686	-11.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1049	NI	9/7/2000	5/14/2007	11	6	No	1.0976	17.00	0.891	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1049	MO	9/7/2000	5/14/2007	11	11	No	0.16611	-15.00	1	Decreasing	4	4	No	0.258032	0.00	0.375	Stable	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1049	AL	9/7/2000	6/20/2016	15	12	No	1.23398	-19.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1049	AS	9/7/2000	5/14/2007	11	9	No	0.43425	2.00	0.53	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1049	BA	9/7/2000	6/20/2016	15	15	No	0.08996	53.00	1	Increasing	4	4	No	0.042795	-2.00	1	Decreasing	4	4	No	0.04279462	-2.00	1	Decreasing
PTX06-1049	CA	9/7/2000	6/20/2016	8	8	No	0.08333	12.00	0.911	Probably Increasing	4	4	No	0.021976	0.00	0.375	Stable	4	4	No	0.0219761	0.00	0.375	Stable
PTX06-1049	FE	9/7/2000	6/20/2016	15	15	No	1.03441	-17.00	1	Decreasing	4	4	No	0.430431	-4.00	1	Decreasing	4	4	No	0.43043149	-4.00	1	Decreasing
PTX06-1049	K	9/7/2000	6/20/2016	10	10	No	0.06104	21.00	0.964	Increasing	4	4	No	0.051111	-2.00	1	Decreasing	4	4	No	0.051111	-2.00	1	Decreasing
PTX06-1049	MG	9/7/2000	6/20/2016	15	15	No	0.08056	59.00	1	Increasing	4	4	No	0.058152	-4.00	1	Decreasing	4	4	No	0.05815175	-4.00	1	Decreasing
PTX06-1049	NA	9/7/2000	6/20/2016	10	10	No	0.05637	21.00	0.964	Increasing	4	4	No	0.033633	-3.00	1	Decreasing	4	4	No	0.03363273	-3.00	1	Decreasing
PTX06-1050	RDX	9/5/2000	11/15/2016	28	28	No	0.41379	-165.00	1	Decreasing	4	4	No	0.093433	0.00	0.375	Stable	15	15	No	0.34406844	-21.00	1	Decreasing
PTX06-1050	HMX	9/5/2000	11/15/2016	28	28	No	0.55415	-203.00	1	Decreasing	4	4	No	0.219696	0.00	0.375	Stable	15	15	No	0.51142149	-47.00	1	Decreasing
PTX06-1050	TNT	9/5/2000	11/15/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1050	DNT24	9/5/2000	11/15/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1050	DNT26	9/5/2000	11/15/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1050	DNT2A	9/5/2000	11/15/2016	28	25	No	0.90108	-19.00	1	Decreasing	4	4	No	0.080773	4.00	0.833	No Trend	15	15	No	0.49398025	-45.00	1	Decreasing
PTX06-1050	DNT4A	9/5/2000	11/15/2016	28	26	No	0.64125	194.00	1	Increasing	4	4	No	0.133986	0.00	0.375	Stable	15	15	No	0.44234605	23.00	0.859	No Trend
PTX06-1050	TNB135	9/5/2000	11/15/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1050	DNB13	9/5/2000	11/15/2016	27	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1050	DIOXANE14	10/25/2005	10/24/2007	3	0	Yes	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1050	PCE	9/5/2000	11/15/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1050	TCE	9/5/2000	11/15/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1050	DCE12C	8/12/2002	11/15/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1050	DCA12	9/5/2000	11/15/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1050	TCLME	9/5/2000	11/15/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1050	PERC	11/16/2000	10/24/2007	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1050	B	9/5/2000	11/15/2016	27	27	No	0.3044	-222.00	1	Decreasing	4	4	No	0.10656	4.00	0.833	No Trend	15	15	No	0.26361946	-71.00	1	Decreasing
PTX06-1050	CR	9/5/2000	5/14/2009	13	12	No	0.68186	27.00	0.943	Probably Increasing	4	4	No	0.433282	4.00	0.833	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1050	CR-6	9/5/2000	5/14/2009	13	5	No	0.59985	-16.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1050	MN	9/5/2000	4/27/2016	16	16	No	0.79272	-42.00	1	Decreasing	4	4	No	0.630844	-2.00	1	Decreasing	4	4	No	0.63084371	-2.00	1	Decreasing
PTX06-1050	NI	9/5/2000	5/14/2009	11	11	No	1.05361	31.00	0.992	Increasing	4	4	No	0.899926	2.00	0.625	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1050	MO	9/5/2000	5/14/2009	11	11	No	0.39328	-28.00	1	Decreasing	4	4	No	0.151446	1.00	0.5	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1050	AL	9/5/2000	4/27/2016	16	14	No	0.99389	-11.00	1	Decreasing	4	4	No	0.342345	-2.00	1	Decreasing	4	4	No	0.34234462	-2.00	1	Decreasing
PTX06-1050	AS	9/5/2000	10/24/2007	10	4	No	0.69053	21.00	0.964	Increasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1050	BA	9/5/2000	4/27/2016	16	16	No	0.21406	-93.00	1	Decreasing	4	4	No	0.124656	-4.00	1	Decreasing	4	4	No	0.12465603	-4.00	1	Decreasing
PTX06-1050	CA	9/5/2000	4/27/2016	11	11	No	0.08196	-31.00	1	Decreasing	4	4	No	0.080418	-2.00	1	Decreasing	4	4	No	0.08041784	-2.00	1	Decreasing
PTX06-1050	FE	9/5/2000	4/27/2016	16	16	No	0.64361	25.00	0.857	No Trend	4	4	No	0.228966	-3.00	1	Decreasing	4	4	No	0.22896589	-3.00	1	Decreasing
PTX06-1050	K	9/5/2000	4/27/2016	13	13	No	0.04907	-40.00	1	Decreasing	4	4	No	0.027855	-4.00	1	Decreasing	4	4	No	0.0278551	-4.00	1	Decreasing
PTX06-1050	MG	9/5/2000	4/27/2016	16	16	No	0.09067	-55.00	1	Decreasing	4	4	No	0.112819	-4.00	1	Decreasing	4	4	No	0.11281897	-4.00	1	Decreasing
PTX06-1050	NA	9/5/2000	4/27/2016	13	13	No	0.14099	30.00	0.962	Increasing	4	4	No	0.19681	-4.00	1	Decreasing	4	4	No	0.19680956	-4.00	1	Decreasing
PTX06-1052	RDX	9/12/2000	8/11/2016	33	3	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	15	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1052	HMX	9/12/2000	8/11/2016	34	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	15	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1052	TNT	9/12/2000	8/11/2016	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	DNT24	9/12/2000	8/11/2016	34	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	DNT26	9/12/2000	8/11/2016	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	DNT2A	9/12/2000	8/11/2016	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	DNT4A	9/12/2000	8/11/2016	34	10	No	0.38138	-195.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	7	No	0.37907325	-51.00	1	Decreasing
PTX06-1052	TNB135	9/12/2000	8/11/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	DNB13	9/12/2000	8/11/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	DIOXANE14	7/26/2005	7/26/2007	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1052	PCE	9/12/2000	8/11/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	TCE	9/12/2000	8/11/2016	33	13	No	0.45994	-155.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	15	6	No	0.12877	-21.00	1	Decreasing
PTX06-1052	DCE12C	5/9/2001	8/11/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	DCA12	9/12/2000	8/11/2016	29	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	TCLME	9/12/2000	8/11/2016	28	14	No	0.61193	94.00	0.967	Increasing	4	4	No	0.223033	2.00	0.625	No Trend	15	14	No	0.32641544	35.00	1	Increasing
PTX06-1052	PERC	9/12/2000	2/2/2009	18	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1052	B	9/12/2000	8/11/2016	34	34	No	0.10165	72.00	0.8525	No Trend	4	4	No	0.057475	2.00	0.625	No Trend	15	15	No	0.12153217	40.00	1	Increasing
PTX06-1052	CR	9/12/2000	8/11/2016	34	34	No	0.5084	-209.00	1	Decreasing	4	4	No	0.433673	-6.00	1	Decreasing	15	15	No	0.62947307	-75.00	1	Decreasing
PTX06-1052	CR-6	9/12/2000	8/11/2016	33	33	No	0.51006	-204.00	1	Decreasing	4	4	No	0.532812	-4.00	1	Decreasing	15	15	No	0.62151721	-71.00	1	Decreasing
PTX06-1052	MN	9/12/2000	2/8/2016	22	13	No	1.28354	33.00	0.814	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1052	NI	9/12/2000	2/2/2009	17	9	No	0.38144	-23.00	1	Decreasing	4	4	No	0.682588	-2.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1052	MO	9/12/2000	2/2/2009	17	16	No	0.17004	5.00	0.564	No Trend	4	4	No	0.054552	-6.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1052	AL	9/12/2000	2/8/2016	22	11	No	1.46609	-45.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1052	AS	9/12/2000	7/26/2007	16	13	No	0.41935	11.00	0.671	No Trend	4	4	No	0.487113	0.00	0.375	Stable	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX06-1052	BA	9/12/2000	2/8/2016	22	22	No	0.14702	-23.00	1	Decreasing	4	4	No	0.127826	4.00	0.833	No Trend	4	4	No	0.12782585	4.00	0.833	No Trend
PTX06-1052	CA	9/12/2000	2/8/2016	12	12	No	0.11616	11.00	0.7485	No Trend	4	4	No	0.095352	2.00	0.625	No Trend	4	4	No	0.09535215	2.00	0.625	No Trend
PTX06-1052	FE	9/12/2000	2/8/2016	22	21	No	1.2342	68.00	1	Increasing	4	4	No	0.567762	2.00	0.625	No Trend	4	4	No	0.56776171	2.00	0.625	No Trend
PTX06-1052	K	9/12/2000	2/8/2016	16	16	No	0.0494	23.00	0.836	No Trend	4	4	No	0.028238	0.00	0.375	Stable	4	4	No	0.0282376	0.00	0.375	Stable
PTX06-1052	MG	9/12/2000	2/8/2016	22	22	No	0.12679	-18.00	1	Decreasing	4	4	No	0.086842	-4.00	1	Decreasing	4	4	No	0.08684192	-4.00	1	Decreasing
PTX06-1052	NA	9/12/2000	2/8/2016	16	16	No	0.0763	-24.00	1	Decreasing	4	4	No	0.141088	-6.00	1	Decreasing	4	4	No	0.14108776	-6.00	1	Decreasing
PTX06-1053	RDX	9/12/2000	11/1/2016	35	9	No	2.75103	-170.00	1	Decreasing	4	4	No	0.15999	4.00	0.833	No Trend	15	7	No	0.25821136	22.00	0.8475	No Trend
PTX06-1053	HMX	9/12/2000	11/1/2016	36	17	No	2.01157	152.00	0.98	Increasing	4	4	No	0.432873	6.00	0.958	Increasing	15	13	No	0.47491242	64.00	1	Increasing
PTX06-1053	TNT	9/12/2000	11/1/2016	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	DNT24	9/12/2000	11/1/2016	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	DNT26	9/12/2000	11/1/2016	36	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	DNT2A	9/12/2000	11/1/2016	36	8	No	0.97761	-21.00	1	Decreasing	4	4	No	0.332387	4.00	0.833	No Trend	15	8	No	1.07661007	59.00	1	Increasing
PTX06-1053	DNT4A	9/12/2000	11/1/2016	36	31	No	1.43445	1.00	0.5	No Trend	4	4	No	0.218088	4.00	0.833	No Trend	15	13	No	1.94316996	8.00	0.633	No Trend
PTX06-1053	TNB135	9/12/2000	11/1/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	DNB13	9/12/2000	11/1/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	DIOXANE14	7/26/2005	11/1/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	PCE	9/12/2000	11/1/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	TCE	9/12/2000	11/1/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	DCE12C	5/9/2001	11/1/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	DCA12	9/12/2000	11/1/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	TCLME	9/12/2000	11/1/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	PERC	9/12/2000	11/1/2016	34	4	No	0.06998	106.00	0.94	Probably Increasing	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	B	9/12/2000	11/1/2016	35	35	No	0.10314	313.00	1	Increasing	4	4	No	0.025379	4.00	0.833	No Trend	15	15	No	0.08033527	21.00	0.836	No Trend
PTX06-1053	CR	9/12/2000	11/1/2016	36	15	No	0.57861	295.00	1	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	16	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1053	CR-6	9/12/2000	11/1/2016	36	3	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	16	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1053	MN	9/12/2000	5/9/2016	23	16	No	0.55234	9.00	0.583	No Trend	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1053	NI	9/12/2000	2/2/2009	18	11	No	0.36027	-79.00	1	Decreasing	4	4	No	0.316264	-1.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1053	MO	9/12/2000	2/2/2009	18	18	No	0.28158	-59.00	1	Decreasing	4	4	No	0.042974	-5.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1053	AL	9/12/2000	5/9/2016	23	11	No	0.7978	-62.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1053	AS	9/12/2000	7/26/2007	17	11	No	0.46834	10.00	0.642	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1053	BA	9/12/2000	5/9/2016	23	23	No	0.1058	-116.00	1	Decreasing	4	4	No	0.072163	-2.00	1	Decreasing	4	4	No	0.07216328	-2.00	1	Decreasing
PTX06-1053	CA	9/12/2000	5/9/2016	11	11	No	0.04328	-9.00	1	Decreasing	4	4	No	0.047108	2.00	0.625	No Trend	4	4	No	0.04710787	2.00	0.625	No Trend
PTX06-1053	FE	9/12/2000	5/9/2016	23	16	No	0.83963	130.00	1	Increasing	4	4	No	0.142592	-2.00	1	Decreasing	4	4	No	0.14259189	-2.00	1	Decreasing
PTX06-1053	K	9/12/2000	5/9/2016	15	15	No	0.0542	-33.00	1	Decreasing	4	4	No	0.037489	2.00	0.625	No Trend	4	4	No	0.03748933	2.00	0.625	No Trend
PTX06-1053	MG	9/12/2000	5/9/2016	23	23	No	0.08468	42.00	0.859	No Trend	4	4	No	0.078258	6.00	0.958	Increasing	4	4	No	0.0782583	6.00	0.958	Increasing
PTX06-1053	NA	9/12/2000	5/9/2016	15	15	No	0.21378	51.00	1	Increasing	4	4	No	0.171856	6.00	0.958	Increasing	4	4	No	0.17185573	6.00	0.958	Increasing
PTX06-1069	RDX	10/30/2001	7/20/2016	21	3	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	6	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1069	HMX	10/30/2001	7/20/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1069	TNT	10/30/2001	7/20/2016	21	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1069	DNT24	10/30/2001	7/20/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1069	DNT26	10/30/2001	7/20/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1069	DNT2A	10/30/2001	7/20/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1069	DNT4A	10/30/2001	7/20/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1069	TNB135	10/30/2001	7/20/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1069	DNB13	10/30/2001	7/20/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1069	DIOXANE14	7/27/2005	8/1/2007	3	0	Yes	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1069	PCE	10/30/2001	7/20/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1069	TCE	10/30/2001	7/20/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1069	DCE12C	10/30/2001	7/20/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1069	DCA12	10/30/2001	7/20/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1069	TCLME	10/30/2001	7/20/2016	18	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	6	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1069	PERC	10/30/2001	5/5/2009	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1069	B	10/30/2001	7/20/2016	22	22	No	0.10915	-16.00	1	Decreasing	4	4	No	0.050054	-2.00	1	Decreasing	6	6	No	0.04022545	-1.00	1	Decreasing
PTX06-1069	CR	10/30/2001	7/20/2016	22	21	No	0.54634	-12.00	1	Decreasing	4	4	No	0.625081	-4.00	1	Decreasing	6	5	No	0.56123504	-3.00	1	Decreasing
PTX06-1069	CR-6	10/30/2001	7/20/2016	19	7	No	0.47072	35.00	0.881	No Trend	4	1	No	0	0.00	0	A (<4 Detections in Datas	6	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1069	MN	10/30/2001	7/20/2016	18	17	No	1.2834	-83.00	1	Decreasing	4	4	No	0.522561	-4.00	1	Decreasing	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1069	NI	10/30/2001	5/5/2009	14	12	No	0.56777	-32.00	1	Decreasing	4	4	No	0.661493	2.00	0.625	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1069	MO	10/30/2001	5/5/2009	14	14	No	0.1134	-10.00	1	Decreasing	4	4	No	0.031396	0.00	0.375	Stable	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1069	AL	10/30/2001	7/20/2016	18	17	No	1.20894	-77.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	3	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1069	AS	10/30/2001	8/1/2007	13	9	No	0.62262	8.00	1	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1069	BA	10/30/2001	7/20/2016	18	18	No	0.05379	-48.00	1	Decreasing	4	4	No	0.043678	2.00	0.625	No Trend	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1069	CA	7/27/2005	7/20/2016	6	6	No	0.07558	3.00	0.64	No Trend	4	4	No	0.091729	4.00	0.833	No Trend	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1069	FE	10/30/2001	7/20/2016	18	18	No	1.16569	-71.00	1	Decreasing	4	4	No	0.705492	-6.00	1	Decreasing	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1069	K	7/27/2005	7/20/2016	9	9	No	0.05728	9.00	0.7915	No Trend	4	4	No	0.075823	4.00	0.833	No Trend	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1069	MG	10/30/2001	7/20/2016	18	18	No	0.17482	-32.00	1	Decreasing	4	4	No	0.343987	2.00	0.625	No Trend	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1069	NA	7/27/2005	7/20/2016	9	9	No	0.13956	-9.00	1	Decreasing	4	4	No	0.19932	-2.00	1	Decreasing	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	RDX	8/20/2001	11/30/2016	10	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	HMX	8/20/2001	11/30/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	TNT	8/20/2001	11/30/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	DNT24	8/20/2001	11/30/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	DNT26	8/20/2001	11/30/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	DNT2A	8/20/2001	11/30/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	DNT4A	8/20/2001	11/30/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	TNB135	8/20/2001	11/30/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	DNB13	8/20/2001	11/30/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	DIOXANE14	7/21/2011	11/30/2016	2	1	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	PCE	8/20/2001	11/30/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	TCE	8/20/2001	11/30/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	DCE12C	8/20/2001	11/30/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	DCA12	8/20/2001	11/30/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	TCLME	8/20/2001	11/30/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	PERC	8/20/2001	10/28/2004	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	B	8/20/2001	11/30/2016	10	10	No	0.09197	5.00	1	Increasing	4	4	No	0.105068	0.00	0.375	Stable	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	CR	8/20/2001	11/30/2016	10	8	No	0.52915	-12.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	CR-6	8/20/2001	11/30/2016	10	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	MN	8/20/2001	11/30/2016	10	10	No	2.34239	-21.00	1	Decreasing	4	4	No	1.936557	0.00	0.375	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	NI	8/20/2001	11/30/2016	10	9	No	0.73465	-7.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	2	No	0	0.00	0	/A (<4 Samples in Datase

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX06-1071	MO	8/20/2001	10/28/2004	8	3	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	AL	8/20/2001	11/30/2016	10	9	No	1.26251	-33.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	AS	8/20/2001	11/30/2016	10	3	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	BA	8/20/2001	11/30/2016	10	10	No	0.09341	-5.00	1	Decreasing	4	4	No	0.157833	2.00	0.625	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	CA	7/13/2011	11/30/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	FE	8/20/2001	11/30/2016	10	10	No	1.19098	-29.00	1	Decreasing	4	4	No	0.814655	-2.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	K	7/13/2011	11/30/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	MG	8/20/2001	11/30/2016	10	10	No	0.1067	-8.00	1	Decreasing	4	4	No	0.132271	2.00	0.625	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1071	NA	7/13/2011	11/30/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	RDX	4/30/2008	12/18/2013	2	1	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	HMX	4/30/2008	12/18/2013	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	TNT	4/30/2008	12/18/2013	2	1	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	DNT24	4/30/2008	12/18/2013	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	DNT26	4/30/2008	12/18/2013	2	1	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	DNT2A	4/30/2008	12/18/2013	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	DNT4A	4/30/2008	12/18/2013	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	TNB135	4/30/2008	12/18/2013	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	DNB13	4/30/2008	12/18/2013	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	DIOXANE14	4/30/2008	12/18/2013	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	PCE	4/30/2008	12/18/2013	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	TCE	4/30/2008	12/18/2013	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	DCE12C	4/30/2008	12/18/2013	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	DCA12	4/30/2008	12/18/2013	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	TCLME	4/30/2008	12/18/2013	2	1	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	PERC	4/30/2008	12/18/2013	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	CR	4/30/2008	4/30/2008	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	MN	4/30/2008	4/30/2008	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	NI	4/30/2008	4/30/2008	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	MO	4/30/2008	4/30/2008	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	AL	4/30/2008	4/30/2008	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	BA	4/30/2008	4/30/2008	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	CA	4/30/2008	4/30/2008	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	FE	4/30/2008	4/30/2008	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	K	4/30/2008	4/30/2008	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	MG	4/30/2008	4/30/2008	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1073A	NA	4/30/2008	4/30/2008	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1077A	RDX	2/20/2002	8/2/2016	13	7	No	0.50341	5.00	1	Increasing	4	4	No	0.193776	-2.00	1	Decreasing	8	7	No	0.28889802	-6.00	1	Decreasing
PTX06-1077A	HMX	2/20/2002	8/2/2016	13	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	8	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1077A	TNT	2/20/2002	8/2/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	DNT24	2/20/2002	8/2/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	DNT26	2/20/2002	8/2/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	DNT2A	2/20/2002	8/2/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	DNT4A	2/20/2002	8/2/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	TNB135	2/20/2002	8/2/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	DNB13	11/4/2002	8/2/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	DIOXANE14	11/4/2002	8/2/2016	12	2	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	8	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1077A	PCE	2/20/2002	8/2/2016	15	5	No	0.89992	-15.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	8	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1077A	TCE	2/20/2002	8/2/2016	17	15	No	0.58984	-43.00	1	Decreasing	4	4	No	0.248977	-6.00	1	Decreasing	8	7	No	0.68698225	-16.00	1	Decreasing
PTX06-1077A	DCE12C	2/20/2002	8/2/2016	17	15	No	0.6938	-45.00	1	Decreasing	4	4	No	0.373852	-6.00	1	Decreasing	8	7	No	0.98438362	-20.00	1	Decreasing
PTX06-1077A	DCA12	2/20/2002	8/2/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	TCLME	2/20/2002	8/2/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	PERC	2/20/2002	8/2/2016	15	9	No	0.22635	-7.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	8	4	No	0.1296754	14.00	0.946	Probably Increasing
PTX06-1077A	B	2/20/2002	8/2/2016	12	12	No	0.13216	33.00	0.987	Increasing	4	4	No	0.087135	4.00	0.833	No Trend	8	8	No	0.09984481	9.00	0.8315	No Trend
PTX06-1077A	CR	2/20/2002	8/2/2016	7	7	No	1.0816	-1.00	1	Decreasing	4	4	No	0.494375	0.00	0.375	Stable	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1077A	CR-6	2/20/2002	4/14/2011	6	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1077A	MN	2/20/2002	8/2/2016	9	9	No	1.86109	-16.00	1	Decreasing	4	4	No	0.853942	2.00	0.625	No Trend	4	4	No	0.85394172	2.00	0.625	No Trend
PTX06-1077A	NI	2/20/2002	8/2/2016	7	7	No	0.78142	-1.00	1	Decreasing	4	4	No	0.488121	0.00	0.375	Stable	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1077A	MO	2/20/2002	8/25/2008	5	5	No	0.64546	-10.00	1	Decreasing	4	4	No	0.31951	-6.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1077A	AL	2/20/2002	8/2/2016	9	8	No	2.2286	-10.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1077A	AS	2/20/2002	8/2/2016	6	4	No	0.48622	8.00	0.898	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1077A	BA	2/20/2002	8/2/2016	10	10	No	0.64614	-27.00	1	Decreasing	4	4	No	0.059867	2.00	0.625	No Trend	5	5	No	0.17670546	6.00	0.883	No Trend
PTX06-1077A	CA	8/25/2008	8/2/2016	5	5	No	0.10171	0.00	0.408	Stable	4	4	No	0.074623	-4.00	1	Decreasing	4	4	No	0.07462271	-4.00	1	Decreasing
PTX06-1077A	FE	2/20/2002	8/2/2016	9	9	No	2.10837	-2.00	1	Decreasing	4	4	No	0.487047	2.00	0.625	No Trend	4	4	No	0.48704652	2.00	0.625	No Trend
PTX06-1077A	K	8/25/2008	8/2/2016	5	5	No	0.03904	-2.00	1	Decreasing	4	4	No	0.043569	-4.00	1	Decreasing	4	4	No	0.04356857	-4.00	1	Decreasing
PTX06-1077A	MG	2/20/2002	8/2/2016	9	9	No	0.13286	16.00	0.94	Probably Increasing	4	4	No	0.084638	-4.00	1	Decreasing	4	4	No	0.0846379	-4.00	1	Decreasing
PTX06-1077A	NA	8/25/2008	8/2/2016	5	5	No	0.07799	2.00	0.592	No Trend	4	4	No	0.055328	-2.00	1	Decreasing	4	4	No	0.05532782	-2.00	1	Decreasing
PTX06-1080	RDX	7/18/2002	7/25/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	HMX	7/18/2002	7/25/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	TNT	7/18/2002	7/25/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	DNT24	7/18/2002	7/25/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	DNT26	7/18/2002	7/25/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	DNT2A	7/18/2002	7/25/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	DNT4A	7/18/2002	7/25/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	TNB135	7/18/2002	7/25/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	DNB13	7/18/2002	7/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	DIOXANE14	8/9/2005	7/18/2011	6	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	PCE	7/18/2002	7/18/2011	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	TCE	7/18/2002	7/18/2011	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	DCE12C	7/18/2002	7/18/2011	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	DCA12	7/18/2002	7/18/2011	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	TCLME	7/18/2002	7/18/2011	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	PERC	7/18/2002	1/29/2009	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	B	7/18/2002	7/25/2016	15	15	No	0.11652	-12.00	1	Decreasing	4	4	No	0.078404	0.00	0.375	Stable	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	CR	7/18/2002	7/18/2011	17	13	No	2.21012	-9.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	CR-6	7/18/2002	7/18/2011	17	5	No	0.6154	5.00	0.564	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	MN	7/18/2002	7/25/2016	17	13	No	2.32974	-49.00	1	Decreasing	4	4	No	0.415841	6.00	0.958	Increasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	NI	7/18/2002	7/18/2011	15	12	No	0.39678	-26.00	1	Decreasing	4	4	No	0.307313	2.00	0.625	No Trend	1	1	No	0	0.00	0	/A (<4 Samples in Datase

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX06-1080	MO	7/18/2002	1/29/2009	14	14	No	0.16866	-50.00	1	Decreasing	4	4	No	0.085105	3.00	0.729	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	AL	7/18/2002	7/25/2016	17	16	No	1.73394	-61.00	1	Decreasing	4	4	No	0.718956	6.00	0.958	Increasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	AS	7/18/2002	7/18/2011	14	3	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	BA	7/18/2002	7/25/2016	17	17	No	0.08751	-1.00	1	Decreasing	4	4	No	0.097698	2.00	0.625	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	CA	8/9/2005	7/25/2016	5	5	No	0.09624	4.00	0.758	No Trend	4	4	No	0.109194	6.00	0.958	Increasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	FE	7/18/2002	7/25/2016	17	17	No	1.20239	-23.00	1	Decreasing	4	4	No	0.360643	-6.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	K	8/9/2005	7/25/2016	9	9	No	0.02935	0.00	0.46	Stable	4	4	No	0.045126	4.00	0.833	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	MG	7/18/2002	7/25/2016	17	17	No	0.07868	29.00	0.8735	No Trend	4	4	No	0.136855	2.00	0.625	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1080	NA	8/9/2005	7/25/2016	9	9	No	0.08199	20.00	0.978	Increasing	4	4	No	0.077788	6.00	0.958	Increasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1081	RDX	7/18/2002	7/25/2016	23	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	7	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1081	HMX	7/18/2002	7/25/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1081	TNT	7/18/2002	7/25/2016	23	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1081	DNT24	7/18/2002	7/25/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1081	DNT26	7/18/2002	7/25/2016	23	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1081	DNT2A	7/18/2002	7/25/2016	23	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1081	DNT4A	7/18/2002	7/25/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1081	TNB135	7/18/2002	7/25/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1081	DNB13	7/18/2002	7/25/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1081	DIOXANE14	8/9/2005	7/24/2007	5	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1081	PCE	7/18/2002	7/25/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1081	TCE	7/18/2002	7/25/2016	23	21	No	0.2665	-5.00	1	Decreasing	4	4	No	0.560752	4.00	0.833	No Trend	7	7	No	0.44933476	0.00	0.437333333	Stable
PTX06-1081	DCE12C	7/18/2002	7/25/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1081	DCA12	7/18/2002	7/25/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1081	TCLME	7/18/2002	7/25/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1081	PERC	7/18/2002	1/29/2009	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1081	B	7/18/2002	7/25/2016	20	20	No	0.12196	12.00	0.638	No Trend	4	4	No	0.187302	4.00	0.833	No Trend	7	7	No	0.13930918	3.00	0.614	No Trend
PTX06-1081	CR	7/18/2002	1/29/2009	16	14	No	0.44451	11.00	0.671	No Trend	4	2	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1081	CR-6	7/18/2002	1/29/2009	16	7	No	0.57322	-19.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1081	MN	7/18/2002	7/25/2016	19	14	No	2.00129	-67.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1081	NI	7/18/2002	1/29/2009	14	10	No	0.22581	19.00	0.835	No Trend	4	4	No	0.199068	-6.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1081	MO	7/18/2002	1/29/2009	14	14	No	0.59071	-69.00	1	Decreasing	4	4	No	0.05394	-5.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1081	AL	7/18/2002	7/25/2016	19	14	No	1.40187	-68.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1081	AS	7/18/2002	7/24/2007	13	2	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1081	BA	7/18/2002	7/25/2016	19	19	No	0.10139	34.00	0.874	No Trend	4	4	No	0.125293	2.00	0.625	No Trend	4	4	No	0.12529288	2.00	0.625	No Trend
PTX06-1081	CA	8/9/2005	7/25/2016	7	7	No	0.11768	15.00	0.985	Increasing	4	4	No	0.095787	4.00	0.833	No Trend	4	4	No	0.0957874	4.00	0.833	No Trend
PTX06-1081	FE	7/18/2002	7/25/2016	19	16	No	0.8168	8.00	0.5955	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1081	K	8/9/2005	7/25/2016	11	11	No	0.05087	33.00	0.995	Increasing	4	4	No	0.051175	4.00	0.833	No Trend	4	4	No	0.05117515	4.00	0.833	No Trend
PTX06-1081	MG	7/18/2002	7/25/2016	19	19	No	0.12825	49.00	0.953	Increasing	4	4	No	0.153996	4.00	0.833	No Trend	4	4	No	0.15399592	4.00	0.833	No Trend
PTX06-1081	NA	8/9/2005	7/25/2016	11	11	No	0.09367	31.00	0.992	Increasing	4	4	No	0.126085	4.00	0.833	No Trend	4	4	No	0.12608503	4.00	0.833	No Trend
PTX06-1082	RDX	5/15/2003	7/20/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	HMX	5/15/2003	7/20/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	TNT	5/15/2003	7/20/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	DNT24	5/15/2003	7/20/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	DNT26	5/15/2003	7/20/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	DNT2A	5/15/2003	7/20/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	DNT4A	5/15/2003	7/20/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	TNB135	5/15/2003	7/20/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	DNB13	5/15/2003	7/20/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	DIOXANE14	6/24/2003	7/20/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	PCE	5/15/2003	9/13/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	TCE	5/15/2003	9/13/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	DCE12C	5/15/2003	9/13/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	DCA12	5/15/2003	9/13/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	TCLME	5/15/2003	9/13/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	PERC	5/15/2003	10/25/2007	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	B	5/15/2003	7/20/2016	10	10	No	0.16481	-27.00	1	Decreasing	4	4	No	0.108075	0.00	0.375	Stable	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	CR	5/15/2003	7/20/2016	10	7	No	0.48453	8.00	1	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	CR-6	5/15/2003	7/20/2016	10	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	MN	5/15/2003	7/20/2016	10	4	No	0.82913	5.00	1	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	NI	5/15/2003	7/20/2016	9	7	No	0.34072	-5.00	1	Decreasing	4	4	No	0.36074	-2.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	MO	5/15/2003	10/25/2007	7	4	No	0.62854	-6.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	AL	5/15/2003	7/20/2016	10	7	No	1.1093	5.00	1	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	AS	5/15/2003	7/20/2016	10	3	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	BA	5/15/2003	7/20/2016	10	10	No	0.08468	35.00	1	Increasing	4	4	No	0.035147	6.00	0.958	Increasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	CA	11/2/2005	7/20/2016	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	FE	5/15/2003	7/20/2016	10	7	No	0.97811	36.00	1	Increasing	4	4	No	0.234063	0.00	0.375	Stable	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	K	11/2/2005	7/20/2016	5	5	No	0.03668	6.00	0.883	No Trend	4	4	No	0.038432	2.00	0.625	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	MG	5/15/2003	7/20/2016	10	10	No	0.06052	5.00	1	Increasing	4	4	No	0.069697	4.00	0.833	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1082	NA	11/2/2005	7/20/2016	5	5	No	0.15975	-8.00	1	Decreasing	4	4	No	0.120223	-4.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	RDX	5/15/2003	7/20/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	HMX	5/15/2003	7/20/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	TNT	5/15/2003	7/20/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	DNT24	5/15/2003	7/20/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	DNT26	5/15/2003	7/20/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	DNT2A	5/15/2003	7/20/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	DNT4A	5/15/2003	7/20/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	TNB135	5/15/2003	7/20/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	DNB13	5/15/2003	7/20/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	DIOXANE14	6/24/2003	7/20/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	PCE	5/15/2003	9/13/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	TCE	5/15/2003	9/13/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	DCE12C	5/15/2003	9/13/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	DCA12	5/15/2003	9/13/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	TCLME	5/15/2003	9/13/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	PERC	5/15/2003	10/25/2007	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	B	5/15/2003	7/20/2016	10	10	No	0.12689	-19.00	1	Decreasing	4	4	No	0.113423	2.00	0.625	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	CR	5/15/2003	7/20/2016	10	5	No	0.71171	11.00	1	Increasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX06-1083	CR-6	5/15/2003	7/20/2016	10	3	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	MN	5/15/2003	7/20/2016	10	7	No	0.74905	-2.00	1	Decreasing	4	4	No	0.59342	6.00	0.958	Increasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	NI	5/15/2003	7/20/2016	9	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	MO	5/15/2003	10/25/2007	7	7	No	0.20821	-7.00	1	Decreasing	4	4	No	0.280359	-4.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	AL	5/15/2003	7/20/2016	10	9	No	0.7251	-21.00	1	Decreasing	4	4	No	1.137551	4.00	0.833	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	AS	5/15/2003	7/20/2016	10	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	BA	5/15/2003	7/20/2016	10	10	No	0.0906	-27.00	1	Decreasing	4	4	No	0.084965	0.00	0.375	Stable	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	CA	11/2/2005	7/20/2016	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	FE	5/15/2003	7/20/2016	10	8	No	1.08493	2.00	1	Increasing	4	4	No	0.522422	-6.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	K	11/2/2005	7/20/2016	5	5	No	0.04983	-2.00	1	Decreasing	4	4	No	0.050668	-4.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	MG	5/15/2003	7/20/2016	10	10	No	0.11837	3.00	1	Increasing	4	4	No	0.145608	-4.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1083	NA	11/2/2005	7/20/2016	5	5	No	0.04477	5.00	0.8205	No Trend	4	4	No	0.044129	1.00	0.5	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1085	RDX	5/27/2003	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1085	HMX	5/27/2003	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1085	TNT	5/27/2003	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1085	DNT24	5/27/2003	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1085	DNT26	5/27/2003	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1085	DNT2A	5/27/2003	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1085	DNT4A	5/27/2003	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1085	TNB135	5/27/2003	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1085	DNB13	5/27/2003	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1085	DIOXANE14	5/27/2003	4/13/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1085	PCE	5/27/2003	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1085	TCE	5/27/2003	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1085	DCE12C	5/27/2003	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1085	DCA12	5/27/2003	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1085	TCLME	5/27/2003	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1085	PERC	5/27/2003	2/26/2004	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1085	B	5/27/2003	4/13/2016	12	12	No	0.10113	-44.00	1	Decreasing	4	4	No	0.040137	-6.00	1	Decreasing	8	8	No	0.11816497	-20.00	1	Decreasing
PTX06-1085	CR	5/27/2003	4/13/2016	6	3	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1085	CR-6	5/27/2003	4/13/2016	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1085	MN	5/27/2003	4/13/2016	8	6	No	1.43562	-19.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1085	NI	5/27/2003	4/13/2016	6	4	No	0.19255	-8.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1085	MO	5/27/2003	2/26/2004	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1085	AL	5/27/2003	4/13/2016	8	6	No	1.90283	-19.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1085	AS	5/27/2003	4/13/2016	6	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1085	BA	5/27/2003	4/13/2016	9	9	No	0.08097	-14.00	1	Decreasing	4	4	No	0.059711	6.00	0.958	Increasing	5	5	No	0.09934174	2.00	0.592	No Trend
PTX06-1085	CA	4/26/2010	4/13/2016	4	4	No	0.04283	4.00	0.833	No Trend	4	4	No	0.042834	4.00	0.833	No Trend	4	4	No	0.04283444	4.00	0.833	No Trend
PTX06-1085	FE	5/27/2003	4/13/2016	8	8	No	1.34756	-4.00	1	Decreasing	4	4	No	0.283326	2.00	0.625	No Trend	4	4	No	0.28332587	2.00	0.625	No Trend
PTX06-1085	K	4/26/2010	4/13/2016	4	4	No	0.0442	4.00	0.833	No Trend	4	4	No	0.044197	4.00	0.833	No Trend	4	4	No	0.04419748	4.00	0.833	No Trend
PTX06-1085	MG	5/27/2003	4/13/2016	8	8	No	0.09976	-5.00	1	Decreasing	4	4	No	0.049756	-4.00	1	Decreasing	4	4	No	0.04975611	-4.00	1	Decreasing
PTX06-1085	NA	4/26/2010	4/13/2016	4	4	No	0.06385	-4.00	1	Decreasing	4	4	No	0.063854	-4.00	1	Decreasing	4	4	No	0.06385449	-4.00	1	Decreasing
PTX06-1086	RDX	5/27/2003	4/13/2016	16	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1086	HMX	5/27/2003	4/13/2016	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1086	TNT	5/27/2003	4/13/2016	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1086	DNT24	5/27/2003	4/13/2016	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1086	DNT26	5/27/2003	4/13/2016	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1086	DNT2A	5/27/2003	4/13/2016	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1086	DNT4A	5/27/2003	4/13/2016	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1086	TNB135	5/27/2003	4/13/2016	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1086	DNB13	5/27/2003	4/13/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1086	DIOXANE14	5/27/2003	4/13/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1086	PCE	5/27/2003	4/13/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1086	TCE	5/27/2003	4/13/2016	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1086	DCE12C	5/27/2003	4/13/2016	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1086	DCA12	5/27/2003	4/13/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1086	TCLME	5/27/2003	4/13/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1086	PERC	5/27/2003	5/16/2007	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1086	B	5/27/2003	4/13/2016	16	16	No	0.11433	-16.00	1	Decreasing	4	4	No	0.101548	-4.00	1	Decreasing	8	8	No	0.12769865	-10.00	1	Decreasing
PTX06-1086	CR	5/27/2003	4/13/2016	10	7	No	0.53676	-8.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1086	CR-6	5/27/2003	4/13/2016	10	6	No	0.75942	-24.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1086	MN	5/27/2003	4/13/2016	12	12	No	1.36592	-44.00	1	Decreasing	4	4	No	0.140485	-4.00	1	Decreasing	4	4	No	0.14048487	-4.00	1	Decreasing
PTX06-1086	NI	5/27/2003	4/13/2016	10	7	No	0.65316	-10.00	1	Decreasing	4	4	No	0.195561	0.00	0.375	Stable	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1086	MO	5/27/2003	5/16/2007	8	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1086	AL	5/27/2003	4/13/2016	12	8	No	1.5124	-37.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1086	AS	5/27/2003	4/13/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1086	BA	5/27/2003	4/13/2016	13	13	No	0.07926	-44.00	1	Decreasing	4	4	No	0.062461	2.00	0.625	No Trend	5	5	No	0.09602111	-2.00	1	Decreasing
PTX06-1086	CA	4/26/2010	4/13/2016	4	4	No	0.04566	2.00	0.625	No Trend	4	4	No	0.04566	2.00	0.625	No Trend	4	4	No	0.0456605	2.00	0.625	No Trend
PTX06-1086	FE	5/27/2003	4/13/2016	12	12	No	0.84259	-20.00	1	Decreasing	4	4	No	0.328017	-2.00	1	Decreasing	4	4	No	0.32801727	-2.00	1	Decreasing
PTX06-1086	K	5/2/2006	4/13/2016	6	6	No	0.01947	-2.00	1	Decreasing	4	4	No	0.024161	-1.00	1	Decreasing	4	4	No	0.0241615	-1.00	1	Decreasing
PTX06-1086	MG	5/27/2003	4/13/2016	12	12	No	0.06807	2.00	0.527	No Trend	4	4	No	0.086335	-3.00	1	Decreasing	4	4	No	0.08633526	-3.00	1	Decreasing
PTX06-1086	NA	5/2/2006	4/13/2016	6	6	No	0.06077	-1.00	1	Decreasing	4	4	No	0.067897	-4.00	1	Decreasing	4	4	No	0.06789695	-4.00	1	Decreasing
PTX06-1088	RDX	6/11/2003	9/21/2016	26	26	No	0.81109	-271.00	1	Decreasing	4	4	No	0.373528	-2.00	1	Decreasing	15	15	No	1.03486566	-89.00	1	Decreasing
PTX06-1088	HMX	6/11/2003	9/21/2016	26	26	No	1.16105	-281.00	1	Decreasing	4	4	No	0.453196	-2.00	1	Decreasing	15	15	No	1.03382986	-87.00	1	Decreasing
PTX06-1088	TNT	6/11/2003	9/21/2016	26	26	No	1.30816	-295.00	1	Decreasing	4	4	No	0.156404	-6.00	1	Decreasing	15	15	No	0.46641546	-81.00	1	Decreasing
PTX06-1088	DNT24	6/11/2003	9/21/2016	26	20	No	0.93494	-3.00	1	Decreasing	4	4	No	0.129444	-6.00	1	Decreasing	15	15	No	0.8420597	-75.00	1	Decreasing
PTX06-1088	DNT26	6/11/2003	9/21/2016	26	6	No	1.4891	-69.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	6	No	0.76607593	-51.00	1	Decreasing
PTX06-1088	DNT2A	6/11/2003	9/21/2016	25	23	No	0.80158	-128.00	1	Decreasing	4	4	No	0.176302	2.00	0.625	No Trend	15	15	No	1.03213455	-69.00	1	Decreasing
PTX06-1088	DNT4A	6/11/2003	9/21/2016	25	23	No	0.84046	-134.00	1	Decreasing	4	4	No	0.248661	-6.00	1	Decreasing	15	15	No	0.70913756	-81.00	1	Decreasing
PTX06-1088	TNB135	6/11/2003	9/21/2016	26	26	No	0.5722	-253.00	1	Decreasing	4	4	No	0.198234	-6.00	1	Decreasing	15	15	No	0.62625425	-91.00	1	Decreasing
PTX06-1088	DNB13	6/11/2003	9/21/2016	24	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1088	DIOXANE14	7/30/2003	9/21/2016	7	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1088	PCE	6/11/2003	9/21/2016	25	25	No	0.56534	154.00	1	Increasing	4	4	No	0.190198	0.00	0.375	Stable	15	15	No	0.44096684	39.00	1	Increasing
PTX06-1088	TCE	6/11/2003	9/21/2016	25	25	No	1.17132	-201.00	1	Decreasing	4	4	No	0.342639	-4.00	1	Decreasing	15	15	No	0.23170327	-19.00	1	Decreasing
PTX06-1088	DCE12C	6/11/2003	9/21/2016	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1088	DCA12	6/11/2003	9/21/2016	24	17	No	0.44708	26.00	0.73	No Trend	4	2	No	0	0.00	0	A (<4 Detections in Datas	15	11	No	0.46662793	-17.00	1	Decreasing
PTX06-1088	TCLME	6/11/2003	9/21/2016	24	24	No	0.36127	-83.00	1	Decreasing	4	4	No	0.132753	-2.00	1	Decreasing	15	15	No	0.42092594	-26.00	1	Decreasing

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX06-1088	PERC	6/11/2003	5/17/2007	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1088	B	6/11/2003	9/21/2016	23	23	No	0.33648	-189.00	1	Decreasing	4	4	No	0.101277	2.00	0.625	No Trend	15	15	No	0.24228049	-53.00	1	Decreasing
PTX06-1088	CR	6/11/2003	9/21/2016	25	25	No	1.24283	-180.00	1	Decreasing	4	4	No	0.161386	2.00	0.625	No Trend	15	15	No	0.95566382	-41.00	1	Decreasing
PTX06-1088	CR-6	6/11/2003	9/21/2016	23	22	No	1.2271	-183.00	1	Decreasing	4	4	No	0.746536	-4.00	1	Decreasing	14	13	No	0.93772652	-59.00	1	Decreasing
PTX06-1088	MN	6/11/2003	6/8/2016	14	11	No	0.83011	-22.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1088	NI	6/11/2003	9/21/2016	12	7	No	0.47159	-20.00	1	Decreasing	4	4	No	0.368673	4.00	0.833	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1088	MO	6/11/2003	5/28/2009	10	10	No	0.18412	-3.00	1	Decreasing	4	4	No	0.147099	4.00	0.833	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1088	AL	6/11/2003	6/8/2016	14	12	No	0.9883	-23.00	1	Decreasing	4	4	No	0.844034	0.00	0.375	Stable	4	4	No	0.84403425	0.00	0.375	Stable
PTX06-1088	AS	6/11/2003	9/21/2016	10	5	No	0.63083	5.00	1	Increasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1088	BA	6/11/2003	9/21/2016	16	16	No	0.15013	0.00	0.482	Stable	4	4	No	0.276246	-2.00	1	Decreasing	6	6	No	0.23913325	-3.00	1	Decreasing
PTX06-1088	CA	4/24/2008	6/8/2016	6	6	No	0.22196	-5.00	1	Decreasing	4	4	No	0.242299	-2.00	1	Decreasing	4	4	No	0.24229876	-2.00	1	Decreasing
PTX06-1088	FE	6/11/2003	6/8/2016	14	13	No	0.66047	9.00	0.666	No Trend	4	4	No	0.479315	0.00	0.375	Stable	4	4	No	0.47931537	0.00	0.375	Stable
PTX06-1088	K	5/4/2006	6/8/2016	8	8	No	0.11793	-8.00	1	Decreasing	4	4	No	0.137822	-2.00	1	Decreasing	4	4	No	0.13782198	-2.00	1	Decreasing
PTX06-1088	MG	6/11/2003	6/8/2016	14	14	No	0.18369	1.00	0.5	No Trend	4	4	No	0.301716	-2.00	1	Decreasing	4	4	No	0.30171559	-2.00	1	Decreasing
PTX06-1088	NA	5/4/2006	6/8/2016	8	8	No	1.32109	8.00	0.801	No Trend	4	4	No	1.095942	2.00	0.625	No Trend	4	4	No	1.09594216	2.00	0.625	No Trend
PTX06-1095A	RDX	5/9/2005	8/2/2016	30	22	No	1.67466	290.00	1	Increasing	4	4	No	0.710141	4.00	0.833	No Trend	15	15	No	0.96982171	53.00	1	Increasing
PTX06-1095A	HMX	5/9/2005	8/2/2016	30	21	No	1.53482	286.00	1	Increasing	4	4	No	0.705487	6.00	0.958	Increasing	15	15	No	0.84854043	49.00	1	Increasing
PTX06-1095A	TNT	5/9/2005	8/2/2016	30	16	No	0.64139	163.00	0.998	Increasing	4	4	No	0.195159	-4.00	1	Decreasing	15	15	No	0.32290619	17.00	0.782	No Trend
PTX06-1095A	DNT24	5/9/2005	8/2/2016	30	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1095A	DNT26	5/9/2005	8/2/2016	30	5	No	0.52641	-74.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	5	No	0.66368446	-5.00	1	Decreasing
PTX06-1095A	DNT2A	5/9/2005	8/2/2016	30	15	No	1.64744	174.00	0.999	Increasing	4	4	No	0.374555	4.00	0.833	No Trend	15	14	No	1.15813133	89.00	1	Increasing
PTX06-1095A	DNT4A	5/9/2005	8/2/2016	30	16	No	1.12558	195.00	1	Increasing	4	4	No	0.285113	-2.00	1	Decreasing	15	15	No	0.5827351	21.00	0.836	No Trend
PTX06-1095A	TNB135	5/9/2005	8/2/2016	30	22	No	1.49623	238.00	1	Increasing	4	4	No	0.073584	0.00	0.375	Stable	15	15	No	0.90227505	43.00	1	Increasing
PTX06-1095A	DNB13	5/9/2005	8/2/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1095A	DIOXANE14	9/13/2005	11/17/2016	6	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1095A	PCE	5/9/2005	8/2/2016	24	9	No	1.04265	115.00	0.998	Increasing	4	4	No	0.047071	-2.00	1	Decreasing	15	9	No	0.88633989	52.00	1	Increasing
PTX06-1095A	TCE	5/9/2005	8/2/2016	29	18	No	1.66036	225.00	1	Increasing	4	4	No	0.327805	0.00	0.375	Stable	15	15	No	1.14753649	31.00	1	Increasing
PTX06-1095A	DCE12C	5/9/2005	8/2/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1095A	DCA12	5/9/2005	8/2/2016	22	11	No	0.22582	-18.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	11	No	0.26883796	-25.00	1	Decreasing
PTX06-1095A	TCLME	5/9/2005	8/2/2016	22	9	No	0.2656	64.00	1	Increasing	4	4	No	0.17813	-4.00	1	Decreasing	15	9	No	0.31654857	50.00	1	Increasing
PTX06-1095A	PERC	2/22/2007	10/23/2007	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1095A	B	5/9/2005	8/2/2016	28	28	No	0.26947	-23.00	1	Decreasing	4	4	No	0.420102	4.00	0.833	No Trend	15	15	No	0.31173396	6.00	0.596	No Trend
PTX06-1095A	CR	5/9/2005	8/2/2016	28	15	No	1.8062	220.00	1	Increasing	4	4	No	0.738166	-6.00	1	Decreasing	15	11	No	1.253688	37.00	1	Increasing
PTX06-1095A	CR-6	9/13/2005	8/2/2016	27	9	No	2.28779	135.00	0.998	Increasing	4	4	No	0.732141	-2.00	1	Decreasing	15	9	No	1.80497421	-2.00	1	Decreasing
PTX06-1095A	MN	5/9/2005	8/2/2016	27	27	No	0.79881	37.00	0.772	No Trend	4	4	No	0.26057	4.00	0.833	No Trend	15	15	No	0.77976761	-39.00	1	Decreasing
PTX06-1095A	NI	5/9/2005	8/2/2016	27	25	No	1.87661	245.00	1	Increasing	4	4	No	0.770131	-6.00	1	Decreasing	15	15	No	1.3145652	73.00	1	Increasing
PTX06-1095A	MO	5/9/2005	8/2/2016	26	26	No	1.31177	-51.00	1	Decreasing	4	4	No	0.103483	-4.00	1	Decreasing	15	15	No	0.19312165	55.00	1	Increasing
PTX06-1095A	AL	5/9/2005	2/11/2016	15	3	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1095A	AS	5/9/2005	10/23/2007	10	10	No	0.29867	-26.00	1	Decreasing	4	4	No	0.215745	-6.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1095A	BA	5/9/2005	2/11/2016	16	16	No	0.56034	63.00	0.998	Increasing	4	4	No	0.288932	0.00	0.375	Stable	4	4	No	0.28893171	0.00	0.375	Stable
PTX06-1095A	CA	2/27/2008	2/11/2016	6	6	No	0.23048	11.00	0.972	Increasing	4	4	No	0.145658	4.00	0.833	No Trend	4	4	No	0.14565841	4.00	0.833	No Trend
PTX06-1095A	FE	5/9/2005	8/2/2016	27	27	No	1.44816	261.00	1	Increasing	4	4	No	0.734084	-4.00	1	Decreasing	15	15	No	1.09723839	65.00	1	Increasing
PTX06-1095A	K	1/19/2006	2/11/2016	13	13	No	0.68172	-73.00	1	Decreasing	4	4	No	0.466427	-2.00	1	Decreasing	4	4	No	0.46642682	-2.00	1	Decreasing
PTX06-1095A	MG	5/9/2005	2/11/2016	16	16	No	0.54629	102.00	1	Increasing	4	4	No	0.204551	6.00	0.958	Increasing	4	4	No	0.20455065	6.00	0.958	Increasing
PTX06-1095A	NA	1/19/2006	2/11/2016	13	13	No	0.12121	-28.00	1	Decreasing	4	4	No	0.125567	2.00	0.625	No Trend	4	4	No	0.12556685	2.00	0.625	No Trend
PTX06-1102	RDX	9/6/2000	7/26/2012	15	15	No	1.06278	-23.00	1	Decreasing	4	4	No	0.193719	4.00	0.833	No Trend	4	4	No	0.1937192	4.00	0.833	No Trend
PTX06-1102	HMX	9/6/2000	7/26/2012	15	12	No	1.73972	19.00	0.81	No Trend	4	4	No	0.509415	4.00	0.833	No Trend	4	4	No	0.50941503	4.00	0.833	No Trend
PTX06-1102	TNT	9/6/2000	7/26/2012	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1102	DNT24	9/6/2000	7/26/2012	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1102	DNT26	9/6/2000	7/26/2012	15	3	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1102	DNT2A	9/6/2000	7/26/2012	15	6	No	1.75197	-61.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1102	DNT4A	9/6/2000	7/26/2012	14	12	No	0.74085	-1.00	1	Decreasing	4	4	No	0.663745	2.00	0.625	No Trend	4	4	No	0.6637445	2.00	0.625	No Trend
PTX06-1102	TNB135	9/6/2000	7/26/2012	15	2	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1102	DNB13	9/6/2000	7/26/2012	14	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1102	DIOXANE14	10/23/2006	10/31/2007	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1102	PCE	9/6/2000	7/26/2012	14	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1102	TCE	9/6/2000	7/26/2012	15	7	No	0.5099	-64.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1102	DCE12C	9/6/2000	7/26/2012	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1102	DCA12	9/6/2000	7/26/2012	14	9	No	0.91918	-70.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1102	TCLME	9/6/2000	7/26/2012	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1102	PERC	5/8/2001	10/23/2006	7	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1102	B	9/6/2000	7/26/2012	15	15	No	0.60951	37.00	1	Increasing	4	4	No	0.063427	-4.00	1	Decreasing	4	4	No	0.06342662	-4.00	1	Decreasing
PTX06-1102	CR	6/15/2000	7/26/2012	16	16	No	1.21331	16.00	0.747	No Trend	4	4	No	0.589176	-4.00	1	Decreasing	4	4	No	0.58917592	-4.00	1	Decreasing
PTX06-1102	CR-6	6/15/2000	7/26/2012	16	11	No	0.4633	41.00	0.9645	Increasing	4	4	No	0.166617	6.00	0.958	Increasing	4	4	No	0.16661709	6.00	0.958	Increasing
PTX06-1102	MN	9/6/2000	7/26/2012	15	15	No	3.15534	-53.00	1	Decreasing	4	4	No	0.497937	-2.00	1	Decreasing	4	4	No	0.49793688	-2.00	1	Decreasing
PTX06-1102	NI	9/6/2000	7/26/2012	15	15	No	0.97282	-27.00	1	Decreasing	4	4	No	0.341829	-2.00	1	Decreasing	4	4	No	0.34182912	-2.00	1	Decreasing
PTX06-1102	MO	9/6/2000	7/26/2012	15	15	No	0.51588	-5.00	1	Decreasing	4	4	No	0.255285	-4.00	1	Decreasing	4	4	No	0.2552853	-4.00	1	Decreasing
PTX06-1102	AL	9/6/2000	7/26/2012	13	12	No	2.87149	-48.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1102	AS	9/6/2000	10/31/2007	10	8	No	0.56132	-30.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1102	BA	9/6/2000	7/26/2012	13	13	No	1.18409	-58.00	1	Decreasing	4	4	No	0.053667	0.00	0.375	Stable	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1102	CA	9/6/2000	7/26/2012	6	6	No	0.73602	-5.00	1	Decreasing	4	4	No	0.106162	4.00	0.833	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1102	FE	9/6/2000	7/26/2012	15	15	No	1.79219	-35.00	1	Decreasing	4	4	No	0.604507	-2.00	1	Decreasing	4	4	No	0.60450678	-2.00	1	Decreasing
PTX06-1102	K	9/6/2000	7/26/2012	8	8	No	0.41736	-1.00	1	Decreasing	4	4	No	0.036693	2.00	0.625	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1102	MG	9/6/2000	7/26/2012	13	13	No	0.16228	-11.00	1	Decreasing	4	4	No	0.087661	0.00	0.375	Stable	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1102	NA	9/6/2000	7/26/2012	8	8	No	0.16634	6.00	0.726	No Trend	4	4	No	0.081404	4.00	0.833	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1120	RDX	10/13/2010	11/16/2016	13	13	No	0.19086	-10.00	1	Decreasing	4	4	No	0.132008	0.00	0.375	Stable	13	13	No	0.19086497	-10.00	1	Decreasing
PTX06-1120	HMX	10/13/2010	11/16/2016	13	13	No	0.22544	8.00	1	Increasing	4	4	No	0.195809	0.00	0.375	Stable	13	13	No	0.22543876	8.00	1	Increasing
PTX06-1120	TNT	10/13/2010	11/16/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect
PTX06-1120	DNT24	10/13/2010	11/16/2016	13	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	13	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1120	DNT26	10/13/2010	11/16/2016	13	8	No	0.1925	0.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	13	8	No	0.19249971	0.00	1	Decreasing
PTX06-1120	DNT2A	10/13/2010	11/16/2016	13	13	No	0.2388	4.00	1	Increasing	4	4	No	0.202294	-6.00	1	Decreasing	13	13	No	0.23879786	4.00	1	Increasing
PTX06-1120	DNT4A	10/13/2010	11/16/2016	13	13	No	0.33587	2.00	1	Increasing	4	4	No	0.215317	-6.00	1	Decreasing	13	13	No	0.33586996	2.00	1	Increasing
PTX06-1120	TNB135	10/13/2010	11/16/2016	13	7	No	1.47529	-18.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	13	7	No	1.47528887	-18.00	1	Decreasing
PTX06-1120	DNB13	10/13/2010	11/16/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect
PTX06-1120	PCE	10/13/2010	11/16/2016	13	4	No	0.10168	25.00	0.927	Probably Increasing	4	0	Yes	0	0.00	0	All Non-Detect	13	4	No	0.10167835	25.00	0.927	Probably Increasing
PTX06-1120	TCE	10/13/2010	11/16/2016	13	13	No	0.34738	-70.00	1	Decreasing	4	4	No	0.056484	-5.00	1	Decreasing	13	13	No	0.34738021	-70.00	1	Decreasing
PTX06-1120	DCE12C	10/13/2010	11/16/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX06-1120	DCA12	10/13/2010	11/16/2016	13	13	No	0.11625	-5.00	1	Decreasing	4	4	No	0.089554	0.00	0.375	Stable	13	13	No	0.11624982	-5.00	1	Decreasing
PTX06-1120	TCLME	10/13/2010	11/16/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect
PTX06-1120	B	10/13/2010	11/16/2016	13	13	No	0.06938	-4.00	1	Decreasing	4	4	No	0.043708	-2.00	1	Decreasing	13	13	No	0.06938089	-4.00	1	Decreasing
PTX06-1120	CR	10/13/2010	11/16/2016	13	13	No	0.98157	45.00	0.9975	Increasing	4	4	No	0.799516	-2.00	1	Decreasing	13	13	No	0.9815734	45.00	0.9975	Increasing
PTX06-1120	CR-6	10/13/2010	11/16/2016	13	10	No	0.75273	16.00	0.816	No Trend	4	4	No	0.848626	-6.00	1	Decreasing	13	10	No	0.75273385	16.00	0.816	No Trend
PTX06-1120	MN	10/13/2010	11/16/2016	13	13	No	0.6412	18.00	0.847	No Trend	4	4	No	0.529592	2.00	0.625	No Trend	13	13	No	0.64120008	18.00	0.847	No Trend
PTX06-1120	NI	10/13/2010	11/16/2016	13	13	No	2.44682	-28.00	1	Decreasing	4	4	No	0.426917	0.00	0.375	Stable	13	13	No	2.44682232	-28.00	1	Decreasing
PTX06-1120	MO	10/13/2010	11/16/2016	13	13	No	0.33865	16.00	0.816	No Trend	4	4	No	0.463076	0.00	0.375	Stable	13	13	No	0.33865051	16.00	0.816	No Trend
PTX06-1120	AL	5/31/2012	5/9/2016	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1120	BA	5/31/2012	5/9/2016	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1120	CA	5/31/2012	5/9/2016	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1120	FE	10/13/2010	11/16/2016	13	13	No	0.58546	40.00	0.993	Increasing	4	4	No	0.463929	-2.00	1	Decreasing	13	13	No	0.585456	40.00	0.993	Increasing
PTX06-1120	K	5/31/2012	5/9/2016	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1120	MG	5/31/2012	5/9/2016	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1120	NA	5/31/2012	5/9/2016	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1121	RDX	10/13/2010	12/19/2012	5	5	No	0.18442	4.00	0.758	No Trend	4	4	No	0.191369	2.00	0.625	No Trend	5	5	No	0.18442183	4.00	0.758	No Trend
PTX06-1121	HMX	10/13/2010	12/19/2012	5	5	No	0.07657	2.00	0.592	No Trend	4	4	No	0.088368	2.00	0.625	No Trend	5	5	No	0.07656623	2.00	0.592	No Trend
PTX06-1121	TNT	10/13/2010	12/19/2012	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1121	DNT24	10/13/2010	12/19/2012	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1121	DNT26	10/13/2010	12/19/2012	5	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	5	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1121	DNT2A	10/13/2010	12/19/2012	5	5	No	0.3753	10.00	0.992	Increasing	4	4	No	0.178023	6.00	0.958	Increasing	5	5	No	0.37530295	10.00	0.992	Increasing
PTX06-1121	DNT4A	10/13/2010	12/19/2012	5	5	No	0.60567	8.00	0.958	Increasing	4	4	No	0.246338	4.00	0.833	No Trend	5	5	No	0.60566884	8.00	0.958	Increasing
PTX06-1121	TNB135	10/13/2010	12/19/2012	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1121	DNB13	10/13/2010	12/19/2012	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1121	PCE	10/13/2010	11/8/2012	5	4	No	0.24241	-7.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	5	4	No	0.24240603	-7.00	1	Decreasing
PTX06-1121	TCE	10/13/2010	11/8/2012	5	5	No	0.12597	-10.00	1	Decreasing	4	4	No	0.123228	-6.00	1	Decreasing	5	5	No	0.12597177	-10.00	1	Decreasing
PTX06-1121	DCE12C	10/13/2010	11/8/2012	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1121	DCA12	10/13/2010	11/8/2012	5	5	No	0.16618	-4.00	1	Decreasing	4	4	No	0.190372	-4.00	1	Decreasing	5	5	No	0.16618032	-4.00	1	Decreasing
PTX06-1121	TCLME	10/13/2010	11/8/2012	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1121	B	10/13/2010	11/8/2012	5	5	No	0.05407	-8.00	1	Decreasing	4	4	No	0.020255	-4.00	1	Decreasing	5	5	No	0.05407196	-8.00	1	Decreasing
PTX06-1121	CR	10/13/2010	11/8/2012	5	5	No	0.41987	-6.00	1	Decreasing	4	4	No	0.108335	-2.00	1	Decreasing	5	5	No	0.41987245	-6.00	1	Decreasing
PTX06-1121	CR-6	10/13/2010	11/8/2012	5	4	No	0.14907	6.00	0.883	No Trend	4	4	No	0.172133	6.00	0.958	Increasing	5	4	No	0.1490712	6.00	0.883	No Trend
PTX06-1121	MN	10/13/2010	11/8/2012	5	5	No	1.31275	-8.00	1	Decreasing	4	4	No	0.64095	-4.00	1	Decreasing	5	5	No	1.31274774	-8.00	1	Decreasing
PTX06-1121	NI	10/13/2010	11/8/2012	5	5	No	0.70843	-4.00	1	Decreasing	4	4	No	0.161921	0.00	0.375	Stable	5	5	No	0.70843054	-4.00	1	Decreasing
PTX06-1121	MO	10/13/2010	11/8/2012	5	5	No	0.2954	-4.00	1	Decreasing	4	4	No	0.061469	0.00	0.375	Stable	5	5	No	0.29539678	-4.00	1	Decreasing
PTX06-1121	AL	5/31/2012	5/31/2012	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1121	BA	5/31/2012	5/31/2012	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1121	CA	5/31/2012	5/31/2012	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1121	FE	10/13/2010	11/8/2012	5	5	No	0.97151	-8.00	1	Decreasing	4	4	No	0.436929	-4.00	1	Decreasing	5	5	No	0.97150736	-8.00	1	Decreasing
PTX06-1121	K	5/31/2012	5/31/2012	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1121	MG	5/31/2012	5/31/2012	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1121	NA	5/31/2012	5/31/2012	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1126	RDX	2/7/2008	11/3/2016	23	17	No	0.64217	45.00	0.876	No Trend	4	4	No	0.682541	0.00	0.375	Stable	16	16	No	0.68595548	28.00	0.886	No Trend
PTX06-1126	HMX	2/7/2008	11/3/2016	23	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas	16	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1126	TNT	2/7/2008	11/3/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1126	DNT24	2/7/2008	11/3/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1126	DNT26	2/7/2008	11/3/2016	23	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	16	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1126	DNT2A	2/7/2008	11/3/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1126	DNT4A	2/7/2008	11/3/2016	23	21	No	0.85721	158.00	1	Increasing	4	4	No	0.278904	0.00	0.375	Stable	16	14	No	0.69851275	85.00	1	Increasing
PTX06-1126	TNB135	2/7/2008	11/3/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1126	DNB13	2/7/2008	11/3/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1126	DIOXANE14	2/14/2008	11/3/2016	22	22	No	0.81483	108.00	1	Increasing	4	4	No	0.171232	-4.00	1	Decreasing	16	16	No	0.69261107	2.00	0.518	No Trend
PTX06-1126	PCE	2/7/2008	11/3/2016	23	21	No	0.68958	160.00	1	Increasing	4	4	No	0.529047	2.00	0.625	No Trend	16	16	No	0.4496488	40.00	0.961	Increasing
PTX06-1126	TCE	2/7/2008	11/3/2016	23	23	No	0.32222	35.00	0.813	No Trend	4	4	No	0.347415	-2.00	1	Decreasing	16	16	No	0.30041485	-24.00	1	Decreasing
PTX06-1126	DCE12C	2/7/2008	11/3/2016	23	23	No	0.43977	-147.00	1	Decreasing	4	4	No	0.259077	-4.00	1	Decreasing	16	16	No	0.5323564	-98.00	1	Decreasing
PTX06-1126	DCA12	2/7/2008	11/3/2016	23	23	No	0.60546	133.00	1	Increasing	4	4	No	0.263461	0.00	0.375	Stable	16	16	No	0.339661	16.00	0.747	No Trend
PTX06-1126	TCLME	2/7/2008	11/3/2016	23	23	No	0.80733	183.00	1	Increasing	4	4	No	0.630163	6.00	0.958	Increasing	16	16	No	0.50214207	62.00	0.998	Increasing
PTX06-1126	PERC	2/7/2008	11/3/2016	23	23	No	0.66526	-185.00	1	Decreasing	4	4	No	0.481855	4.00	0.833	No Trend	16	16	No	0.46524745	-64.00	1	Decreasing
PTX06-1126	B	9/8/2009	11/3/2016	16	16	No	0.06589	16.00	0.747	No Trend	4	4	No	0.04555	4.00	0.833	No Trend	16	16	No	0.06589175	16.00	0.747	No Trend
PTX06-1126	CR	2/7/2008	11/3/2016	12	11	No	1.93924	-10.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	8	7	No	1.23915023	-14.00	1	Decreasing
PTX06-1126	CR-6	2/7/2008	11/3/2016	9	6	No	0.32789	3.00	0.5795	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	8	5	No	0.34333958	1.00	0.5	No Trend
PTX06-1126	MN	2/7/2008	5/11/2016	8	8	No	0.98126	-14.00	1	Decreasing	4	4	No	0.663335	0.00	0.375	Stable	4	4	No	0.66333453	0.00	0.375	Stable
PTX06-1126	NI	2/7/2008	11/3/2016	6	6	No	1.08394	5.00	0.765	No Trend	4	4	No	0.694225	-4.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1126	MO	2/7/2008	3/31/2009	4	4	No	0.35686	-1.00	1	Decreasing	4	4	No	0.356856	-1.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1126	AL	2/7/2008	5/11/2016	8	3	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1126	AS	3/31/2009	11/3/2016	3	2	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1126	BA	2/7/2008	11/3/2016	10	10	No	0.28162	17.00	0.922	Probably Increasing	4	4	No	0.317388	-4.00	1	Decreasing	6	6	No	0.24657997	-3.00	1	Decreasing
PTX06-1126	CA	2/7/2008	5/11/2016	8	8	No	0.09058	16.00	0.969	Increasing	4	4	No	0.087746	0.00	0.375	Stable	4	4	No	0.08774591	0.00	0.375	Stable
PTX06-1126	FE	2/7/2008	5/11/2016	8	8	No	0.97852	0.00	0.452	Stable	4	4	No	0.624418	-6.00	1	Decreasing	4	4	No	0.62441806	-6.00	1	Decreasing
PTX06-1126	K	2/7/2008	5/11/2016	8	8	No	0.04078	-4.00	1	Decreasing	4	4	No	0.008905	0.00	0.375	Stable	4	4	No	0.00890485	0.00	0.375	Stable
PTX06-1126	MG	2/7/2008	5/11/2016	8	8	No	0.13981	12.00	0.911	Probably Increasing	4	4	No	0.100077	-2.00	1	Decreasing	4	4	No	0.10007725	-2.00	1	Decreasing
PTX06-1126	NA	2/7/2008	5/11/2016	8	8	No	0.08132	5.00	0.683	No Trend	4	4	No	0.08198	0.00	0.375	Stable	4	4	No	0.08197966	0.00	0.375	Stable
PTX06-1127	RDX	2/7/2008	11/3/2016	22	11	No	1.53337	96.00	1	Increasing	4	4	No	0.844281	6.00	0.958	Increasing	15	11	No	1.44580776	81.00	1	Increasing
PTX06-1127	HMX	2/7/2008	11/3/2016	22	6	No	0.52416	-21.00	1	Decreasing	4	4	No	0.594221	4.00	0.833	No Trend	15	6	No	0.63638988	36.00	1	Increasing
PTX06-1127	TNT	2/7/2008	11/3/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1127	DNT24	2/7/2008	11/3/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1127	DNT26	2/7/2008	11/3/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1127	DNT2A	2/7/2008	11/3/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1127	DNT4A	2/7/2008	11/3/2016	21	19	No	0.88632	111.00	1	Increasing	4	4	No	0.086988	-4.00	1	Decreasing	15	13	No	0.57868965	32.00	1	Increasing
PTX06-1127	TNB135	2/7/2008	11/3/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1127	DNB13	2/7/2008	11/3/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1127	DIOXANE14	2/14/2008	11/3/2016	21	21	No	0.67944	108.00	1	Increasing	4	4	No	0.346848	6.00	0.958	Increasing	15	15	No	0.48998941	3.00	0.539	No Trend
PTX06-1127	PCE	2/7/2008	11/3/2016	22	12	No	0.96002	163.00	1	Increasing	4	4	No	0.401132	6.00	0.958	Increasing	15	12	No	0.84965972	94.00	1	Increasing
PTX06-1127	TCE	2/7/2008	11/3/2016	22	22	No	0.57066	-59.00	1	Decreasing	4	4	No	0.597607	6.00	0.958	Increasing	15	15	No	0.68878073	3.00	0.539	No Trend
PTX06-1127	DCE12C	2/7/2008	11/3/2016	22	22	No	0.34672	-81.00	1	Decreasing	4	4	No	0.39468	6.00	0.958	Increasing	15	15	No	0.33491247	-3.00	1	Decreasing
PTX06-1127	DCA12	2/7/2008	11/3/2016	22	22	No	0.42933	-75.00	1	Decreasing	4	4	No	0.197628	2.00	0.625	No Trend	15	15	No	0.53221441	-77.00	1	Decreasing
PTX06-1127	TCLME	2/7/2008	11/3/2016	22	22	No	0.66146	207.00	1	Increasing	4	4	No	0.197292	4.00	0.833	No Trend	15	15	No	0.39539058	85.00	1	Increasing

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX06-1127	PERC	2/7/2008	11/3/2016	22	22	No	0.41916	-164.00	1	Decreasing	4	4	No	0.128413	2.00	0.625	No Trend	15	15	No	0.24503504	-69.00	1	Decreasing
PTX06-1127	B	9/8/2009	11/3/2016	15	15	No	0.17806	38.00	1	Increasing	4	4	No	0.094174	4.00	0.833	No Trend	15	15	No	0.17805984	38.00	1	Increasing
PTX06-1127	CR	2/7/2008	11/3/2016	12	12	No	1.41062	30.00	0.978	Increasing	4	4	No	1.306469	2.00	0.625	No Trend	8	8	No	1.38518307	10.00	0.862	No Trend
PTX06-1127	CR-6	2/7/2008	11/3/2016	9	3	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	8	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1127	MN	2/7/2008	5/11/2016	8	8	No	1.88985	-12.00	1	Decreasing	4	4	No	0.296486	0.00	0.375	Stable	4	4	No	0.2964857	0.00	0.375	Stable
PTX06-1127	NI	2/7/2008	11/3/2016	6	6	No	0.99178	7.00	0.864	No Trend	4	4	No	0.680129	0.00	0.375	Stable	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1127	MO	2/7/2008	3/31/2009	4	4	No	0.30242	-2.00	1	Decreasing	4	4	No	0.302423	-2.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1127	AL	2/7/2008	5/11/2016	8	3	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1127	AS	3/31/2009	11/3/2016	3	1	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1127	BA	2/7/2008	11/3/2016	10	10	No	0.15923	-17.00	1	Decreasing	4	4	No	0.083041	4.00	0.833	No Trend	6	6	No	0.08664087	7.00	0.864	No Trend
PTX06-1127	CA	2/7/2008	5/11/2016	8	8	No	0.03622	15.00	0.9575	Increasing	4	4	No	0.037959	6.00	0.958	Increasing	4	4	No	0.03795869	6.00	0.958	Increasing
PTX06-1127	FE	2/7/2008	5/11/2016	8	8	No	0.29058	-6.00	1	Decreasing	4	4	No	0.325397	0.00	0.375	Stable	4	4	No	0.32539721	0.00	0.375	Stable
PTX06-1127	K	2/7/2008	5/11/2016	8	8	No	0.05454	4.00	0.64	No Trend	4	4	No	0.025398	4.00	0.833	No Trend	4	4	No	0.0253985	4.00	0.833	No Trend
PTX06-1127	MG	2/7/2008	5/11/2016	8	8	No	0.08343	8.00	0.801	No Trend	4	4	No	0.089427	2.00	0.625	No Trend	4	4	No	0.08942678	2.00	0.625	No Trend
PTX06-1127	NA	2/7/2008	5/11/2016	8	8	No	0.04942	1.00	0.5	No Trend	4	4	No	0.024948	-2.00	1	Decreasing	4	4	No	0.02494848	-2.00	1	Decreasing
PTX06-1130	RDX	9/2/2009	3/11/2015	12	12	No	1.25876	-48.00	1	Decreasing	4	4	No	0.117111	-4.00	1	Decreasing	12	12	No	1.25875821	-48.00	1	Decreasing
PTX06-1130	HMX	9/2/2009	3/11/2015	12	12	No	0.2782	-37.00	1	Decreasing	4	4	No	0.130568	-6.00	1	Decreasing	12	12	No	0.27820068	-37.00	1	Decreasing
PTX06-1130	TNT	9/2/2009	3/11/2015	12	3	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	12	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1130	DNT24	9/2/2009	3/11/2015	12	11	No	0.56734	-24.00	1	Decreasing	4	4	No	0.843977	0.00	0.375	Stable	12	11	No	0.56733563	-24.00	1	Decreasing
PTX06-1130	DNT26	9/2/2009	3/11/2015	12	12	No	0.41994	-36.00	1	Decreasing	4	4	No	0.296867	-2.00	1	Decreasing	12	12	No	0.41994311	-36.00	1	Decreasing
PTX06-1130	DNT2A	9/2/2009	3/11/2015	12	12	No	0.49785	-57.00	1	Decreasing	4	4	No	0.189709	-6.00	1	Decreasing	12	12	No	0.49784628	-57.00	1	Decreasing
PTX06-1130	DNT4A	9/2/2009	3/11/2015	12	12	No	0.63861	-40.00	1	Decreasing	4	4	No	0.186625	-6.00	1	Decreasing	12	12	No	0.63861248	-40.00	1	Decreasing
PTX06-1130	TNB135	9/2/2009	3/11/2015	12	10	No	0.53883	-52.00	1	Decreasing	4	4	No	0.10323	-4.00	1	Decreasing	12	10	No	0.53882749	-52.00	1	Decreasing
PTX06-1130	DNB13	9/2/2009	3/11/2015	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1130	PCE	9/2/2009	3/11/2015	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1130	TCE	9/2/2009	3/11/2015	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1130	DCE12C	9/2/2009	3/11/2015	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1130	DCA12	9/2/2009	3/11/2015	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1130	TCLME	9/2/2009	3/11/2015	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1130	B	9/2/2009	3/11/2015	12	12	No	0.33894	-2.00	1	Decreasing	4	4	No	0.093409	-4.00	1	Decreasing	12	12	No	0.33894473	-2.00	1	Decreasing
PTX06-1130	CR	9/2/2009	3/11/2015	12	12	No	3.01102	38.00	0.996	Increasing	4	4	No	1.857761	4.00	0.833	No Trend	12	12	No	3.01101568	38.00	0.996	Increasing
PTX06-1130	CR-6	9/2/2009	3/11/2015	12	6	No	0.26992	-33.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	12	6	No	0.26992473	-33.00	1	Decreasing
PTX06-1130	MN	9/2/2009	3/11/2015	12	11	No	0.61416	44.00	0.999	Increasing	4	4	No	0.099714	-4.00	1	Decreasing	12	11	No	0.61415804	44.00	0.999	Increasing
PTX06-1130	NI	9/2/2009	3/11/2015	12	12	No	0.87534	50.00	1	Increasing	4	4	No	0.170082	-2.00	1	Decreasing	12	12	No	0.87534233	50.00	1	Increasing
PTX06-1130	MO	9/2/2009	3/11/2015	12	12	No	1.59016	46.00	1	Increasing	4	4	No	1.188263	6.00	0.958	Increasing	12	12	No	1.5901622	46.00	1	Increasing
PTX06-1130	AL	1/26/2010	2/3/2014	3	1	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1130	BA	1/26/2010	2/3/2014	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1130	CA	1/26/2010	2/3/2014	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1130	FE	9/2/2009	3/11/2015	12	12	No	1.51899	32.00	0.984	Increasing	4	4	No	1.280086	4.00	0.833	No Trend	12	12	No	1.51898561	32.00	0.984	Increasing
PTX06-1130	K	1/26/2010	2/3/2014	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1130	MG	1/26/2010	2/3/2014	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1130	NA	1/26/2010	2/3/2014	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1131	RDX	8/24/2009	4/13/2016	13	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	13	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1131	HMX	8/24/2009	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	TNT	8/24/2009	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	DNT24	8/24/2009	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	DNT26	8/24/2009	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	DNT2A	8/24/2009	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	DNT4A	8/24/2009	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	TNB135	8/24/2009	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	DNB13	8/24/2009	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	DIOXANE14	7/27/2011	4/13/2016	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1131	PCE	8/24/2009	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	TCE	8/24/2009	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	DCE12C	8/24/2009	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	DCA12	8/24/2009	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	TCLME	8/24/2009	4/13/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	B	8/24/2009	4/13/2016	12	12	No	0.14767	-32.00	1	Decreasing	4	4	No	0.05247	0.00	0.375	Stable	12	12	No	0.14767061	-32.00	1	Decreasing
PTX06-1131	CR	7/27/2011	4/13/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1131	CR-6	7/27/2011	4/13/2016	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1131	MN	3/4/2010	4/13/2016	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1131	NI	7/27/2011	4/13/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1131	AL	3/4/2010	4/13/2016	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	AS	7/27/2011	4/13/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1131	BA	3/4/2010	4/13/2016	5	5	No	0.57409	0.00	0.408	Stable	4	4	No	0.18935	-4.00	1	Decreasing	5	5	No	0.57408816	0.00	0.408	Stable
PTX06-1131	CA	3/4/2010	4/13/2016	4	4	No	0.52287	4.00	0.833	No Trend	4	4	No	0.522868	4.00	0.833	No Trend	4	4	No	0.52286828	4.00	0.833	No Trend
PTX06-1131	FE	3/4/2010	4/13/2016	4	4	No	1.12903	2.00	0.625	No Trend	4	4	No	1.129031	2.00	0.625	No Trend	4	4	No	1.12903114	2.00	0.625	No Trend
PTX06-1131	K	3/4/2010	4/13/2016	4	4	No	0.02419	-2.00	1	Decreasing	4	4	No	0.024186	-2.00	1	Decreasing	4	4	No	0.02418608	-2.00	1	Decreasing
PTX06-1131	MG	3/4/2010	4/13/2016	4	4	No	0.58653	6.00	0.958	Increasing	4	4	No	0.586534	6.00	0.958	Increasing	4	4	No	0.58653419	6.00	0.958	Increasing
PTX06-1131	NA	3/4/2010	4/13/2016	4	4	No	0.50067	2.00	0.625	No Trend	4	4	No	0.500673	2.00	0.625	No Trend	4	4	No	0.50067273	2.00	0.625	No Trend
PTX06-1133A	RDX	12/15/2011	11/16/2016	6	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	6	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1133A	HMX	12/15/2011	11/16/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1133A	TNT	12/15/2011	11/16/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1133A	DNT24	12/15/2011	11/16/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1133A	DNT26	12/15/2011	11/16/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1133A	DNT2A	12/15/2011	11/16/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1133A	DNT4A	12/15/2011	11/16/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1133A	TNB135	12/15/2011	11/16/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1133A	DNB13	12/15/2011	11/16/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1133A	PCE	12/15/2011	11/16/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1133A	TCE	12/15/2011	11/16/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1133A	DCE12C	12/15/2011	11/16/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1133A	DCA12	12/15/2011	11/16/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1133A	TCLME	12/15/2011	11/16/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1133A	B	12/15/2011	11/16/2016	6	6	No	0.07806	2.00	0.57	No Trend	4	4	No	0.092996	3.00	0.729	No Trend	6	6	No	0.07805809	2.00	0.57	No Trend
PTX06-1133A	CR	12/15/2011	11/16/2016	6	6	No	1.40185	5.00	0.765	No Trend	4	4	No	1.099651	-4.00	1	Decreasing	6	6	No	1.40184689	5.00	0.765	No Trend
PTX06-1133A	CR-6	12/15/2011	11/16/2016	6	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	6	1	No	0	0.00	0	A (<4 Detections in Datas

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX06-1133A	MN	12/15/2011	11/16/2016	6	6	No	1.08377	1.00	0.5	No Trend	4	4	No	0.937555	-4.00	1	Decreasing	6	6	No	1.08376884	1.00	0.5	No Trend
PTX06-1133A	NI	12/15/2011	11/16/2016	6	6	No	1.14505	-1.00	1	Decreasing	4	4	No	0.927793	-6.00	1	Decreasing	6	6	No	1.14505079	-1.00	1	Decreasing
PTX06-1133A	MO	12/15/2011	11/16/2016	6	6	No	0.67832	-1.00	1	Decreasing	4	4	No	0.609238	-6.00	1	Decreasing	6	6	No	0.67832452	-1.00	1	Decreasing
PTX06-1133A	AL	6/20/2012	5/23/2016	2	1	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1133A	BA	6/20/2012	5/23/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1133A	CA	6/20/2012	5/23/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1133A	FE	12/15/2011	11/16/2016	6	6	No	1.46403	-3.00	1	Decreasing	4	4	No	1.18298	-6.00	1	Decreasing	6	6	No	1.46402789	-3.00	1	Decreasing
PTX06-1133A	K	6/20/2012	5/23/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1133A	MG	6/20/2012	5/23/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1133A	NA	6/20/2012	5/23/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1134	RDX	8/27/2009	11/1/2016	15	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1134	HMX	8/27/2009	11/1/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	TNT	8/27/2009	11/1/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	DNT24	8/27/2009	11/1/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	DNT26	8/27/2009	11/1/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	DNT2A	8/27/2009	11/1/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	DNT4A	8/27/2009	11/1/2016	15	15	No	0.61023	-41.00	1	Decreasing	4	4	No	0.169329	-2.00	1	Decreasing	15	15	No	0.61022729	-41.00	1	Decreasing
PTX06-1134	TNB135	8/27/2009	11/1/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	DNB13	8/27/2009	11/1/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	DIOXANE14	8/27/2009	11/1/2016	15	12	No	0.50656	45.00	1	Increasing	4	4	No	0.227512	-2.00	1	Decreasing	15	12	No	0.50655989	45.00	1	Increasing
PTX06-1134	PCE	8/27/2009	11/1/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	TCE	8/27/2009	11/1/2016	15	4	No	1.17621	28.00	0.9075	Probably Increasing	4	4	No	0.988571	6.00	0.958	Increasing	15	4	No	1.17620936	28.00	0.9075	Probably Increasing
PTX06-1134	DCE12C	8/27/2009	11/1/2016	15	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	15	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1134	DCA12	8/27/2009	11/1/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	TCLME	8/27/2009	11/1/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	PERC	8/27/2009	11/1/2016	15	14	No	1.12322	29.00	1	Increasing	4	4	No	0.548917	6.00	0.958	Increasing	15	14	No	1.12322159	29.00	1	Increasing
PTX06-1134	B	8/27/2009	11/1/2016	15	15	No	0.09184	54.00	1	Increasing	4	4	No	0.078774	4.00	0.833	No Trend	15	15	No	0.09183644	54.00	1	Increasing
PTX06-1134	MN	5/6/2010	5/11/2016	4	4	No	0.59831	0.00	0.375	Stable	4	4	No	0.598306	0.00	0.375	Stable	4	4	No	0.59830603	0.00	0.375	Stable
PTX06-1134	AL	5/6/2010	5/11/2016	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	BA	5/6/2010	5/11/2016	4	4	No	0.10787	-6.00	1	Decreasing	4	4	No	0.107868	-6.00	1	Decreasing	4	4	No	0.10786759	-6.00	1	Decreasing
PTX06-1134	CA	5/6/2010	5/11/2016	4	4	No	0.01405	-6.00	1	Decreasing	4	4	No	0.014053	-6.00	1	Decreasing	4	4	No	0.01405341	-6.00	1	Decreasing
PTX06-1134	FE	5/6/2010	5/11/2016	4	4	No	0.46035	2.00	0.625	No Trend	4	4	No	0.46035	2.00	0.625	No Trend	4	4	No	0.46034988	2.00	0.625	No Trend
PTX06-1134	K	5/6/2010	5/11/2016	4	4	No	0.01524	0.00	0.375	Stable	4	4	No	0.015243	0.00	0.375	Stable	4	4	No	0.01524261	0.00	0.375	Stable
PTX06-1134	MG	5/6/2010	5/11/2016	4	4	No	0.03223	-4.00	1	Decreasing	4	4	No	0.032233	-4.00	1	Decreasing	4	4	No	0.0322327	-4.00	1	Decreasing
PTX06-1134	NA	5/6/2010	5/11/2016	4	4	No	0.05521	4.00	0.833	No Trend	4	4	No	0.055209	4.00	0.833	No Trend	4	4	No	0.05520909	4.00	0.833	No Trend
PTX06-1135	RDX	9/14/2009	5/9/2016	14	14	No	0.63829	-30.00	1	Decreasing	4	4	No	0.424027	6.00	0.958	Increasing	14	14	No	0.63828669	-30.00	1	Decreasing
PTX06-1135	HMX	9/14/2009	5/9/2016	14	14	No	0.79417	-27.00	1	Decreasing	4	4	No	0.200163	4.00	0.833	No Trend	14	14	No	0.79417007	-27.00	1	Decreasing
PTX06-1135	TNT	9/14/2009	5/9/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1135	DNT24	9/14/2009	5/9/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1135	DNT26	9/14/2009	5/9/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1135	DNT2A	9/14/2009	5/9/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1135	DNT4A	9/14/2009	5/9/2016	14	7	No	0.86499	31.00	0.95	Increasing	4	4	No	0.889534	6.00	0.958	Increasing	14	7	No	0.86498812	31.00	0.95	Increasing
PTX06-1135	TNB135	9/14/2009	5/9/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1135	DNB13	9/14/2009	5/9/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1135	PCE	9/14/2009	5/9/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1135	TCE	9/14/2009	5/9/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1135	DCE12C	9/14/2009	5/9/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1135	DCA12	9/14/2009	5/9/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1135	TCLME	9/14/2009	5/9/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1135	B	9/14/2009	11/3/2015	13	13	No	0.07684	21.00	0.886	No Trend	4	4	No	0.076216	2.00	0.625	No Trend	13	13	No	0.07683983	21.00	0.886	No Trend
PTX06-1135	CR	12/11/2008	11/3/2015	14	13	No	1.18658	53.00	0.998	Increasing	4	4	No	0.952145	0.00	0.375	Stable	13	12	No	1.14127707	42.00	0.995	Increasing
PTX06-1135	CR-6	12/11/2008	11/3/2015	14	3	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	13	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1135	MN	9/14/2009	11/3/2015	13	13	No	0.91081	-12.00	1	Decreasing	4	4	No	0.788599	0.00	0.375	Stable	13	13	No	0.91081424	-12.00	1	Decreasing
PTX06-1135	NI	9/14/2009	11/3/2015	13	13	No	0.99006	-22.00	1	Decreasing	4	4	No	1.257822	-4.00	1	Decreasing	13	13	No	0.99005618	-22.00	1	Decreasing
PTX06-1135	MO	9/14/2009	11/3/2015	13	13	No	0.38007	14.00	1	Increasing	4	4	No	0.476997	2.00	0.625	No Trend	13	13	No	0.38007184	14.00	1	Increasing
PTX06-1135	AL	5/11/2010	4/28/2014	3	0	Yes	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1135	BA	5/11/2010	4/28/2014	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1135	CA	5/11/2010	4/28/2014	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1135	FE	9/14/2009	11/3/2015	13	13	No	0.98168	12.00	1	Increasing	4	4	No	0.673377	-2.00	1	Decreasing	13	13	No	0.98167863	12.00	1	Increasing
PTX06-1135	K	5/11/2010	4/28/2014	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1135	MG	5/11/2010	4/28/2014	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1135	NA	5/11/2010	4/28/2014	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1136	RDX	9/14/2009	5/14/2014	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1136	HMX	9/14/2009	5/14/2014	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1136	TNT	9/14/2009	5/14/2014	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1136	DNT24	9/14/2009	5/14/2014	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1136	DNT26	9/14/2009	5/14/2014	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1136	DNT2A	9/14/2009	5/14/2014	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1136	DNT4A	9/14/2009	5/14/2014	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1136	TNB135	9/14/2009	5/14/2014	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1136	DNB13	9/14/2009	5/14/2014	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1136	PCE	9/14/2009	5/14/2014	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1136	TCE	9/14/2009	5/14/2014	10	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	10	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1136	DCE12C	9/14/2009	5/14/2014	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1136	DCA12	9/14/2009	5/14/2014	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1136	TCLME	9/14/2009	5/14/2014	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1136	B	9/14/2009	5/14/2014	10	10	No	0.11524	-24.00	1	Decreasing	4	4	No	0.103418	-2.00	1	Decreasing	10	10	No	0.11523679	-24.00	1	Decreasing
PTX06-1136	MN	3/29/2010	5/14/2014	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1136	AL	3/29/2010	5/14/2014	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1136	BA	3/29/2010	5/14/2014	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1136	CA	3/29/2010	5/14/2014	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1136	FE	3/29/2010	5/14/2014	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1136	K	3/29/2010	5/14/2014	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1136	MG	3/29/2010	5/14/2014	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1136	NA	3/29/2010	5/14/2014	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1146	RDX	9/2/2009	8/17/2016	15	15	No	0.20291	-44.00	1	Decreasing	4	4	No	0.080287	6.00	0.958	Increasing	15	15	No	0.20291057	-44.00	1	Decreasing
PTX06-1146	HMX	9/2/2009	8/17/2016	15	15	No	0.22988	65.00	1	Increasing	4	4	No	0.196311	6.00	0.958	Increasing	15	15	No	0.22988178	65.00	1	Increasing

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX06-1146	TNT	9/2/2009	8/17/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1146	DNT24	9/2/2009	8/17/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1146	DNT26	9/2/2009	8/17/2016	15	14	No	0.1596	-36.00	1	Decreasing	4	4	No	0.125173	6.00	0.958	Increasing	15	14	No	0.15960347	-36.00	1	Decreasing
PTX06-1146	DNT2A	9/2/2009	8/17/2016	15	12	No	0.79483	82.00	1	Increasing	4	4	No	0.21403	4.00	0.833	No Trend	15	12	No	0.79482642	82.00	1	Increasing
PTX06-1146	DNT4A	9/2/2009	8/17/2016	15	15	No	0.32894	-39.00	1	Decreasing	4	4	No	0.202285	-2.00	1	Decreasing	15	15	No	0.32893875	-39.00	1	Decreasing
PTX06-1146	TNB135	9/2/2009	8/17/2016	15	9	No	0.19445	-23.00	1	Decreasing	4	4	No	0.161275	4.00	0.833	No Trend	15	9	No	0.19445025	-23.00	1	Decreasing
PTX06-1146	DNB13	9/2/2009	8/17/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1146	PCE	9/2/2009	8/17/2016	15	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1146	TCE	9/2/2009	8/17/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1146	DCE12C	9/2/2009	8/17/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1146	DCA12	9/2/2009	8/17/2016	15	4	No	0.24135	36.00	1	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	15	4	No	0.24135263	36.00	1	Increasing
PTX06-1146	TCLME	9/2/2009	8/17/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1146	B	9/2/2009	8/17/2016	15	15	No	0.07234	-27.00	1	Decreasing	4	4	No	0.059924	0.00	0.375	Stable	15	15	No	0.07233663	-27.00	1	Decreasing
PTX06-1146	CR	9/2/2009	8/17/2016	15	15	No	1.65658	41.00	1	Increasing	4	4	No	1.05112	-2.00	1	Decreasing	15	15	No	1.65657892	41.00	1	Increasing
PTX06-1146	CR-6	9/2/2009	8/17/2016	15	10	No	0.45161	31.00	1	Increasing	4	4	No	0.599202	2.00	0.625	No Trend	15	10	No	0.45160753	31.00	1	Increasing
PTX06-1146	MN	9/2/2009	8/17/2016	15	15	No	1.04575	-89.00	1	Decreasing	4	4	No	0.476615	-4.00	1	Decreasing	15	15	No	1.0457504	-89.00	1	Decreasing
PTX06-1146	NI	9/2/2009	8/17/2016	15	15	No	0.80813	-13.00	1	Decreasing	4	4	No	0.58797	-6.00	1	Decreasing	15	15	No	0.80812681	-13.00	1	Decreasing
PTX06-1146	MO	9/2/2009	8/17/2016	15	15	No	0.62057	27.00	0.899	No Trend	4	4	No	0.468192	-2.00	1	Decreasing	15	15	No	0.62056926	27.00	0.899	No Trend
PTX06-1146	AL	3/23/2010	1/26/2016	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1146	BA	3/23/2010	1/26/2016	4	4	No	0.09164	0.00	0.375	Stable	4	4	No	0.091638	0.00	0.375	Stable	4	4	No	0.09163768	0.00	0.375	Stable
PTX06-1146	CA	3/23/2010	1/26/2016	4	4	No	0.10292	4.00	0.833	No Trend	4	4	No	0.102915	4.00	0.833	No Trend	4	4	No	0.10291538	4.00	0.833	No Trend
PTX06-1146	FE	9/2/2009	8/17/2016	15	14	No	0.64223	-32.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	14	No	0.64223251	-32.00	1	Decreasing
PTX06-1146	K	3/23/2010	1/26/2016	4	4	No	0.05382	-6.00	1	Decreasing	4	4	No	0.053819	-6.00	1	Decreasing	4	4	No	0.05381874	-6.00	1	Decreasing
PTX06-1146	MG	3/23/2010	1/26/2016	4	4	No	0.05197	1.00	0.5	No Trend	4	4	No	0.051969	1.00	0.5	No Trend	4	4	No	0.05196888	1.00	0.5	No Trend
PTX06-1146	NA	3/23/2010	1/26/2016	4	4	No	0.08882	1.00	0.5	No Trend	4	4	No	0.088823	1.00	0.5	No Trend	4	4	No	0.08882312	1.00	0.5	No Trend
PTX06-1147	RDX	9/2/2009	10/24/2016	15	15	No	0.42881	24.00	0.8695	No Trend	4	4	No	0.108283	4.00	0.833	No Trend	15	15	No	0.42880519	24.00	0.8695	No Trend
PTX06-1147	HMX	9/2/2009	10/24/2016	15	15	No	0.64965	44.00	1	Increasing	4	4	No	0.275764	4.00	0.833	No Trend	15	15	No	0.64965153	44.00	1	Increasing
PTX06-1147	TNT	9/2/2009	10/24/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1147	DNT24	9/2/2009	10/24/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1147	DNT26	9/2/2009	10/24/2016	15	4	No	0.09171	-62.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	4	No	0.09170627	-62.00	1	Decreasing
PTX06-1147	DNT2A	9/2/2009	10/24/2016	15	8	No	0.42108	25.00	0.88	No Trend	4	4	No	0.383848	4.00	0.833	No Trend	15	8	No	0.42108005	25.00	0.88	No Trend
PTX06-1147	DNT4A	9/2/2009	10/24/2016	15	15	No	0.54047	-29.00	1	Decreasing	4	4	No	0.116087	2.00	0.625	No Trend	15	15	No	0.5404744	-29.00	1	Decreasing
PTX06-1147	TNB135	9/2/2009	10/24/2016	15	3	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1147	DNB13	9/2/2009	10/24/2016	15	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	15	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1147	PCE	9/2/2009	10/24/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1147	TCE	9/2/2009	10/24/2016	15	15	No	0.31197	-56.00	1	Decreasing	4	4	No	0.135064	-4.00	1	Decreasing	15	15	No	0.31197069	-56.00	1	Decreasing
PTX06-1147	DCE12C	9/2/2009	10/24/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1147	DCA12	9/2/2009	10/24/2016	15	6	No	0.13048	-9.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	6	No	0.13048349	-9.00	1	Decreasing
PTX06-1147	TCLME	9/2/2009	10/24/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1147	B	9/2/2009	10/24/2016	15	15	No	0.29433	36.00	1	Increasing	4	4	No	0.065761	0.00	0.375	Stable	15	15	No	0.29433128	36.00	1	Increasing
PTX06-1147	CR	9/2/2009	10/24/2016	15	15	No	1.10175	-27.00	1	Decreasing	4	4	No	0.272278	-2.00	1	Decreasing	15	15	No	1.1017496	-27.00	1	Decreasing
PTX06-1147	CR-6	9/2/2009	10/24/2016	15	3	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1147	MN	9/2/2009	10/24/2016	15	15	No	0.49813	16.00	0.767	No Trend	4	4	No	0.597889	2.00	0.625	No Trend	15	15	No	0.49812679	16.00	0.767	No Trend
PTX06-1147	NI	9/2/2009	10/24/2016	15	15	No	0.55937	53.00	1	Increasing	4	4	No	0.378905	0.00	0.375	Stable	15	15	No	0.55937232	53.00	1	Increasing
PTX06-1147	MO	9/2/2009	10/24/2016	15	15	No	0.36818	63.00	1	Increasing	4	4	No	0.374153	2.00	0.625	No Trend	15	15	No	0.36817877	63.00	1	Increasing
PTX06-1147	AL	4/27/2010	5/23/2016	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1147	BA	4/27/2010	5/23/2016	4	4	No	0.2528	2.00	0.625	No Trend	4	4	No	0.252795	2.00	0.625	No Trend	4	4	No	0.25279549	2.00	0.625	No Trend
PTX06-1147	CA	4/27/2010	5/23/2016	4	4	No	0.02067	2.00	0.625	No Trend	4	4	No	0.020668	2.00	0.625	No Trend	4	4	No	0.02066805	2.00	0.625	No Trend
PTX06-1147	FE	9/2/2009	10/24/2016	15	15	No	0.43695	-25.00	1	Decreasing	4	4	No	0.234802	-2.00	1	Decreasing	15	15	No	0.43695124	-25.00	1	Decreasing
PTX06-1147	K	4/27/2010	5/23/2016	4	4	No	0.42004	0.00	0.375	Stable	4	4	No	0.420038	0.00	0.375	Stable	4	4	No	0.42003764	0.00	0.375	Stable
PTX06-1147	MG	4/27/2010	5/23/2016	4	4	No	0.06379	2.00	0.625	No Trend	4	4	No	0.063791	2.00	0.625	No Trend	4	4	No	0.06379121	2.00	0.625	No Trend
PTX06-1147	NA	4/27/2010	5/23/2016	4	4	No	0.05893	4.00	0.833	No Trend	4	4	No	0.058931	4.00	0.833	No Trend	4	4	No	0.05893104	4.00	0.833	No Trend
PTX06-1151	RDX	9/1/2009	8/15/2016	15	15	No	0.37865	-66.00	1	Decreasing	4	4	No	0.238677	1.00	0.5	No Trend	15	15	No	0.37865088	-66.00	1	Decreasing
PTX06-1151	HMX	9/1/2009	8/15/2016	15	15	No	0.66445	-92.00	1	Decreasing	4	4	No	0.061406	0.00	0.375	Stable	15	15	No	0.66445182	-92.00	1	Decreasing
PTX06-1151	TNT	9/1/2009	8/15/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1151	DNT24	9/1/2009	8/15/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1151	DNT26	9/1/2009	8/15/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1151	DNT2A	9/1/2009	8/15/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1151	DNT4A	9/1/2009	8/15/2016	15	13	No	0.3621	68.00	1	Increasing	4	4	No	0.0546	2.00	0.625	No Trend	15	13	No	0.36210083	68.00	1	Increasing
PTX06-1151	TNB135	9/1/2009	8/15/2016	15	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1151	DNB13	9/1/2009	8/15/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1151	DIOXANE14	9/1/2009	8/15/2016	15	15	No	0.25181	3.00	0.539	No Trend	4	4	No	0.18106	6.00	0.958	Increasing	15	15	No	0.25180535	3.00	0.539	No Trend
PTX06-1151	PCE	5/20/2009	8/15/2016	16	16	No	0.36579	90.00	1	Increasing	4	4	No	0.109402	6.00	0.958	Increasing	15	15	No	0.31605085	75.00	1	Increasing
PTX06-1151	TCE	5/20/2009	8/15/2016	16	16	No	0.23515	4.00	0.553	No Trend	4	4	No	0.115412	-1.00	1	Decreasing	15	15	No	0.22400527	-11.00	1	Decreasing
PTX06-1151	DCE12C	5/20/2009	8/15/2016	16	16	No	0.29099	22.00	0.825	No Trend	4	4	No	0.314487	-2.00	1	Decreasing	15	15	No	0.28488294	13.00	0.721	No Trend
PTX06-1151	DCA12	5/20/2009	8/15/2016	16	16	No	0.15611	23.00	0.836	No Trend	4	4	No	0.202919	4.00	0.833	No Trend	15	15	No	0.1596797	20.00	0.823	No Trend
PTX06-1151	TCLME	5/20/2009	8/15/2016	16	16	No	0.44575	110.00	1	Increasing	4	4	No	0.202639	6.00	0.958	Increasing	15	15	No	0.40662671	95.00	1	Increasing
PTX06-1151	PERC	9/1/2009	8/15/2016	15	15	No	0.23127	-37.00	1	Decreasing	4	4	No	0.148859	4.00	0.833	No Trend	15	15	No	0.23127138	-37.00	1	Decreasing
PTX06-1151	B	9/1/2009	8/15/2016	15	15	No	0.07373	22.00	0.8475	No Trend	4	4	No	0.059912	2.00	0.625	No Trend	15	15	No	0.07372735	22.00	0.8475	No Trend
PTX06-1151	CR-6	3/30/2010	3/30/2010	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1151	MN	3/30/2010	2/9/2016	4	4	No	0.54515	0.00	0.375	Stable	4	4	No	0.54515	0.00	0.375	Stable	4	4	No	0.54515001	0.00	0.375	Stable
PTX06-1151	AL	3/30/2010	2/9/2016	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1151	BA	3/30/2010	2/9/2016	4	4	No	0.06987	-6.00	1	Decreasing	4	4	No	0.069867	-6.00	1	Decreasing	4	4	No	0.06986734	-6.00	1	Decreasing
PTX06-1151	CA	3/30/2010	2/9/2016	4	4	No	0.14199	2.00	0.625	No Trend	4	4	No	0.141994	2.00	0.625	No Trend	4	4	No	0.14199386	2.00	0.625	No Trend
PTX06-1151	FE	3/30/2010	2/9/2016	4	4	No	0.41814	0.00	0.375	Stable	4	4	No	0.418139	0.00	0.375	Stable	4	4	No	0.41813915	0.00	0.375	Stable
PTX06-1151	K	3/30/2010	2/9/2016	4	4	No	0.03411	-2.00	1	Decreasing	4	4	No	0.034112	-2.00	1	Decreasing	4	4	No	0.034112	-2.00	1	Decreasing
PTX06-1151	MG	3/30/2010	2/9/2016	4	4	No	0.08267	-2.00	1	Decreasing	4	4	No	0.082674	-2.00	1	Decreasing	4	4	No	0.08267441	-2.00	1	Decreasing
PTX06-1151	NA	3/30/2010	2/9/2016	4	4	No	0.51249	-2.00	1	Decreasing	4	4	No	0.51249	-2.00	1	Decreasing	4	4	No	0.51248998	-2.00	1	Decreasing
PTX06-1159	RDX	1/29/2013	8/10/2016	8	3	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	8	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1159	HMX	1/29/2013	8/10/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1159	TNT	1/29/2013	8/10/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1159	DNT24	1/29/2013	8/10/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1159	DNT26	1/29/2013	8/10/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1159	DNT2A	1/29/2013	8/10/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1159	DNT4A	1/29/2013	8/10/2016	8	8	No	0.165	12.00	0.911	Probably Increasing	4	4	No	0.12778	0.00	0.375	Stable	8	8	No	0.16500309	12.00	0.911	Probably Increasing
PTX06-1159	TNB135	1/29/2013	8/10/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1159	DNB13	1/29/2013	8/10/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX06-1159	DIOXANE14	1/29/2013	8/10/2016	8	8	No	0.21256	8.00	0.801	No Trend	4	4	No	0.227084	-6.00	1	Decreasing	8	8	No	0.21256206	8.00	0.801	No Trend
PTX06-1159	PCE	1/29/2013	8/10/2016	8	5	No	0.16094	8.00	0.801	No Trend	4	4	No	0.208526	6.00	0.958	Increasing	8	5	No	0.1609352	8.00	0.801	No Trend
PTX06-1159	TCE	1/29/2013	8/10/2016	8	8	No	0.29077	20.00	0.993	Increasing	4	4	No	0.07405	2.00	0.625	No Trend	8	8	No	0.29076716	20.00	0.993	Increasing
PTX06-1159	DCE12C	1/29/2013	8/10/2016	8	8	No	0.2879	23.00	0.9985	Increasing	4	4	No	0.153574	4.00	0.833	No Trend	8	8	No	0.2879037	23.00	0.9985	Increasing
PTX06-1159	DCA12	1/29/2013	8/10/2016	8	8	No	0.19471	6.00	0.726	No Trend	4	4	No	0.123037	-4.00	1	Decreasing	8	8	No	0.19471078	6.00	0.726	No Trend
PTX06-1159	TCLME	1/29/2013	8/10/2016	8	8	No	0.18769	5.00	0.683	No Trend	4	4	No	0.042577	-4.00	1	Decreasing	8	8	No	0.18769248	5.00	0.683	No Trend
PTX06-1159	PERC	1/29/2013	8/10/2016	8	8	No	0.48939	28.00	1	Increasing	4	4	No	0.32199	6.00	0.958	Increasing	8	8	No	0.48938524	28.00	1	Increasing
PTX06-1159	B	1/29/2013	8/10/2016	8	8	No	0.0782	-8.00	1	Decreasing	4	4	No	0.072449	-2.00	1	Decreasing	8	8	No	0.07819956	-8.00	1	Decreasing
PTX06-1159	MN	1/28/2014	1/26/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1159	AL	1/28/2014	1/26/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1159	BA	1/28/2014	1/26/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1159	CA	1/28/2014	1/26/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1159	FE	1/28/2014	1/26/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1159	K	1/28/2014	1/26/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1159	MG	1/28/2014	1/26/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1159	NA	1/28/2014	1/26/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1160	RDX	1/29/2013	8/10/2016	8	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	8	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1160	HMX	1/29/2013	8/10/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	TNT	1/29/2013	8/10/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	DNT24	1/29/2013	8/10/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	DNT26	1/29/2013	8/10/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	DNT2A	1/29/2013	8/10/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	DNT4A	1/29/2013	8/10/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	TNB135	1/29/2013	8/10/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	DNB13	1/29/2013	8/10/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	DIOXANE14	1/29/2013	8/10/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	PCE	1/29/2013	8/10/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	TCE	1/29/2013	8/10/2016	8	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	8	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1160	DCE12C	1/29/2013	8/10/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	DCA12	1/29/2013	8/10/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	TCLME	1/29/2013	8/10/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	PERC	1/29/2013	8/10/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	B	1/29/2013	8/10/2016	8	8	No	0.09103	7.00	0.7635	No Trend	4	4	No	0.102707	0.00	0.375	Stable	8	8	No	0.09103059	7.00	0.7635	No Trend
PTX06-1160	MN	1/28/2014	1/26/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1160	AL	1/28/2014	1/26/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1160	BA	1/28/2014	1/26/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1160	CA	1/28/2014	1/26/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1160	FE	1/28/2014	1/26/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1160	K	1/28/2014	1/26/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1160	MG	1/28/2014	1/26/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1160	NA	1/28/2014	1/26/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1166	RDX	1/28/2013	8/11/2016	8	8	No	0.19431	-10.00	1	Decreasing	4	4	No	0.249788	-4.00	1	Decreasing	8	8	No	0.19431374	-10.00	1	Decreasing
PTX06-1166	HMX	1/28/2013	8/11/2016	8	8	No	0.18096	2.00	0.548	No Trend	4	4	No	0.076667	0.00	0.375	Stable	8	8	No	0.18095743	2.00	0.548	No Trend
PTX06-1166	TNT	1/28/2013	8/11/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1166	DNT24	1/28/2013	8/11/2016	8	7	No	0.34017	-8.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	8	7	No	0.34017	-8.00	1	Decreasing
PTX06-1166	DNT26	1/28/2013	8/11/2016	8	7	No	0.66684	8.00	0.801	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	8	7	No	0.66684265	8.00	0.801	No Trend
PTX06-1166	DNT2A	1/28/2013	8/11/2016	8	8	No	0.32055	8.00	0.801	No Trend	4	4	No	0.143314	-6.00	1	Decreasing	8	8	No	0.32054902	8.00	0.801	No Trend
PTX06-1166	DNT4A	1/28/2013	8/11/2016	8	8	No	0.23445	-6.00	1	Decreasing	4	4	No	0.29646	-6.00	1	Decreasing	8	8	No	0.23444663	-6.00	1	Decreasing
PTX06-1166	TNB135	1/28/2013	8/11/2016	7	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	7	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1166	DNB13	1/28/2013	8/11/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1166	PCE	1/28/2013	8/11/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1166	TCE	1/28/2013	8/11/2016	8	8	No	0.14154	-14.00	1	Decreasing	4	4	No	0.095916	-1.00	1	Decreasing	8	8	No	0.14154473	-14.00	1	Decreasing
PTX06-1166	DCE12C	1/28/2013	8/11/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1166	DCA12	1/28/2013	8/11/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1166	TCLME	1/28/2013	8/11/2016	8	8	No	0.13969	-17.00	1	Decreasing	4	4	No	0.1283	-6.00	1	Decreasing	8	8	No	0.13968937	-17.00	1	Decreasing
PTX06-1166	B	1/28/2013	8/11/2016	8	8	No	0.08392	2.00	0.548	No Trend	4	4	No	0.105783	5.00	0.8955	No Trend	8	8	No	0.08392411	2.00	0.548	No Trend
PTX06-1166	CR	1/28/2013	8/11/2016	8	8	No	0.34355	-4.00	1	Decreasing	4	4	No	0.14948	0.00	0.375	Stable	8	8	No	0.34355129	-4.00	1	Decreasing
PTX06-1166	CR-6	1/28/2013	8/11/2016	8	7	No	0.95879	14.00	0.946	Probably Increasing	4	4	No	0.659373	4.00	0.833	No Trend	8	7	No	0.95879475	14.00	0.946	Probably Increasing
PTX06-1166	MN	1/28/2013	8/11/2016	8	8	No	0.45592	-16.00	1	Decreasing	4	4	No	0.417819	-2.00	1	Decreasing	8	8	No	0.45591589	-16.00	1	Decreasing
PTX06-1166	NI	1/28/2013	8/11/2016	8	7	No	0.45717	-22.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	8	7	No	0.45717166	-22.00	1	Decreasing
PTX06-1166	MO	1/28/2013	8/11/2016	8	8	No	0.91391	-20.00	1	Decreasing	4	4	No	0.03616	2.00	0.625	No Trend	8	8	No	0.91390578	-20.00	1	Decreasing
PTX06-1166	AL	1/27/2014	1/27/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1166	BA	1/27/2014	1/27/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1166	CA	1/27/2014	1/27/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1166	FE	1/28/2013	8/11/2016	8	8	No	0.88215	-14.00	1	Decreasing	4	4	No	0.835231	-4.00	1	Decreasing	8	8	No	0.88214771	-14.00	1	Decreasing
PTX06-1166	K	1/27/2014	1/27/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1166	MG	1/27/2014	1/27/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1166	NA	1/27/2014	1/27/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	RDX	5/25/2016	5/25/2016	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	HMX	5/25/2016	5/25/2016	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	TNT	5/25/2016	5/25/2016	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	DNT24	5/25/2016	5/25/2016	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	DNT26	5/25/2016	5/25/2016	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	DNT2A	5/25/2016	5/25/2016	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	DNT4A	5/25/2016	5/25/2016	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	TNB135	5/25/2016	5/25/2016	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	DNB13	5/25/2016	5/25/2016	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	DIOXANE14	5/25/2016	5/25/2016	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	PCE	3/18/2015	5/25/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	TCE	3/18/2015	5/25/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	DCE12C	3/18/2015	5/25/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	DCA12	3/18/2015	5/25/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	TCLME	3/18/2015	5/25/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	PERC	3/18/2015	5/25/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	B	3/18/2015	5/25/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	CR	3/18/2015	3/18/2015	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	MN	3/18/2015	5/25/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX06-1171	NI	3/18/2015	3/18/2015	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	MO	3/18/2015	3/18/2015	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	AL	3/18/2015	5/25/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	AS	3/18/2015	3/18/2015	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	BA	3/18/2015	5/25/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	CA	3/18/2015	5/25/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	FE	3/18/2015	5/25/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	K	3/18/2015	5/25/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	MG	3/18/2015	5/25/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1171	NA	3/18/2015	5/25/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1182	RDX	10/3/2016	11/14/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1182	HMX	10/3/2016	11/14/2016	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1182	TNT	10/3/2016	11/14/2016	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1182	DNT24	10/3/2016	11/14/2016	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1182	DNT26	10/3/2016	11/14/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1182	DNT2A	10/3/2016	11/14/2016	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1182	DNT4A	10/3/2016	11/14/2016	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1182	TNB135	10/3/2016	11/14/2016	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1182	DNB13	10/3/2016	11/14/2016	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1182	PCE	10/3/2016	10/3/2016	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1182	TCE	10/3/2016	10/3/2016	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1182	DCE12C	10/3/2016	10/3/2016	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1182	DCA12	10/3/2016	10/3/2016	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1182	TCLME	10/3/2016	10/3/2016	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1182	B	10/3/2016	10/3/2016	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1182	CR	10/3/2016	10/3/2016	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1182	CR-6	10/3/2016	10/3/2016	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1183	RDX	11/30/2016	11/30/2016	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1183	HMX	11/30/2016	11/30/2016	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1183	TNT	11/30/2016	11/30/2016	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1183	DNT24	11/30/2016	11/30/2016	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1183	DNT26	11/30/2016	11/30/2016	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1183	DNT2A	11/30/2016	11/30/2016	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1183	DNT4A	11/30/2016	11/30/2016	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1183	TNB135	11/30/2016	11/30/2016	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1183	DNB13	11/30/2016	11/30/2016	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1183	PCE	11/30/2016	11/30/2016	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1183	TCE	11/30/2016	11/30/2016	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1183	DCE12C	11/30/2016	11/30/2016	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1183	DCA12	11/30/2016	11/30/2016	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX06-1183	TCLME	11/30/2016	11/30/2016	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1183	B	11/30/2016	11/30/2016	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1183	CR	11/30/2016	11/30/2016	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX06-1183	CR-6	11/30/2016	11/30/2016	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O01	RDX	12/10/1995	2/12/2014	28	28	No	0.62796	-253.00	1	Decreasing	4	4	No	0.067822	0.00	0.375	Stable	9	9	No	0.22004583	-10.00	1	Decreasing
PTX07-1O01	HMX	12/10/1995	2/12/2014	28	22	No	0.46506	-251.00	1	Decreasing	4	4	No	0.034207	6.00	0.958	Increasing	9	9	No	0.21479375	-4.00	1	Decreasing
PTX07-1O01	TNT	12/10/1995	2/12/2014	26	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O01	DNT24	12/10/1995	2/12/2014	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O01	DNT26	12/10/1995	2/12/2014	28	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O01	DNT2A	12/10/1995	2/12/2014	28	19	No	0.65969	-151.00	1	Decreasing	4	4	No	0.09612	1.00	0.5	No Trend	9	9	No	0.1372242	5.00	0.6565	No Trend
PTX07-1O01	DNT4A	12/10/1995	2/12/2014	27	18	No	0.58716	-20.00	1	Decreasing	4	4	No	0.232547	4.00	0.833	No Trend	9	8	No	0.21357352	20.00	0.978	Increasing
PTX07-1O01	TNB135	12/10/1995	2/12/2014	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O01	DNB13	12/10/1995	2/12/2014	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O01	DIOXANE14	10/26/2005	8/11/2011	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O01	PCE	12/10/1995	2/12/2014	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O01	TCE	12/10/1995	2/12/2014	24	3	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	9	1	No	0	0.00	0	A (<4 Detections in Datas
PTX07-1O01	DCE12C	12/10/1995	2/12/2014	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O01	DCA12	12/10/1995	2/12/2014	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O01	TCLME	12/10/1995	2/12/2014	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O01	PERC	4/24/2000	10/22/2007	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O01	B	12/10/1995	2/12/2014	22	22	No	0.34132	-118.00	1	Decreasing	4	4	No	0.179015	-4.00	1	Decreasing	9	9	No	0.21142334	7.00	0.728	No Trend
PTX07-1O01	CR	12/10/1995	8/11/2011	16	14	No	1.51	10.00	0.655	No Trend	4	4	No	0.757504	-4.00	1	Decreasing	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O01	CR-6	3/6/1996	2/8/2012	16	3	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O01	MN	12/10/1995	2/12/2014	18	13	No	1.15525	-25.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	3	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O01	NI	12/10/1995	8/11/2011	15	14	No	1.02407	-53.00	1	Decreasing	4	4	No	0.232651	4.00	0.833	No Trend	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O01	MO	12/10/1995	5/14/2009	14	13	No	0.91901	10.00	0.6855	No Trend	4	4	No	0.417441	6.00	0.958	Increasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O01	AL	12/10/1995	2/12/2014	18	9	No	0.8065	-39.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	3	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O01	AS	12/10/1995	8/11/2011	14	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O01	BA	12/10/1995	2/12/2014	19	19	No	0.20827	-70.00	1	Decreasing	4	4	No	0.400963	-6.00	1	Decreasing	4	4	No	0.40096337	-6.00	1	Decreasing
PTX07-1O01	CA	12/10/1995	2/12/2014	14	14	No	0.19398	-50.00	1	Decreasing	4	4	No	0.213156	4.00	0.833	No Trend	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O01	FE	12/10/1995	2/12/2014	17	17	No	1.00597	20.00	0.78	No Trend	4	4	No	0.360744	-2.00	1	Decreasing	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O01	K	12/10/1995	2/12/2014	15	15	No	0.10507	-23.00	1	Decreasing	4	4	No	0.088654	0.00	0.375	Stable	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O01	MG	12/10/1995	2/12/2014	18	18	No	0.19315	-95.00	1	Decreasing	4	4	No	0.040431	0.00	0.375	Stable	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O01	NA	12/10/1995	2/12/2014	15	15	No	0.34702	61.00	1	Increasing	4	4	No	0.274241	2.00	0.625	No Trend	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O02	RDX	12/14/1995	3/16/2015	27	18	No	1.80075	-152.00	1	Decreasing	4	4	No	0.691256	6.00	0.958	Increasing	12	12	No	0.55640234	-24.00	1	Decreasing
PTX07-1O02	HMX	12/14/1995	3/16/2015	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	11	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O02	TNT	12/14/1995	3/16/2015	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O02	DNT24	12/14/1995	3/16/2015	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O02	DNT26	12/14/1995	3/16/2015	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O02	DNT2A	12/14/1995	3/16/2015	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O02	DNT4A	12/14/1995	3/16/2015	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O02	TNB135	12/14/1995	3/16/2015	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O02	DNB13	12/14/1995	3/16/2015	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O02	DIOXANE14	10/26/2005	8/11/2011	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O02	PCE	12/14/1995	7/20/2015	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O02	TCE	12/14/1995	7/20/2015	29	28	No	0.55705	14.00	0.595	No Trend	4	4	No	0.294108	4.00	0.833	No Trend	13	13	No	0.3255882	31.00	0.9665	Increasing
PTX07-1O02	DCE12C	12/14/1995	7/20/2015	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX07-1O02	DCA12	12/14/1995	7/20/2015	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O02	TCLME	12/14/1995	7/20/2015	27	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	13	1	No	0	0.00	0	A (<4 Detections in Datas
PTX07-1O02	PERC	4/24/2000	10/24/2007	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O02	B	12/14/1995	7/20/2015	27	25	No	0.26133	82.00	0.954	Increasing	4	4	No	0.080144	6.00	0.958	Increasing	13	13	No	0.06852385	-20.00	1	Decreasing
PTX07-1O02	CR	12/14/1995	8/11/2011	17	16	No	1.22286	-6.00	1	Decreasing	4	4	No	1.235061	6.00	0.958	Increasing	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O02	CR-6	3/6/1996	8/11/2011	15	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O02	MN	12/14/1995	2/12/2014	19	18	No	1.49902	-21.00	1	Decreasing	4	4	No	0.396806	2.00	0.625	No Trend	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O02	NI	12/14/1995	8/11/2011	16	15	No	1.24492	12.00	0.687	No Trend	4	4	No	0.676716	4.00	0.833	No Trend	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O02	MO	12/14/1995	2/11/2009	15	13	No	2.40007	3.00	0.539	No Trend	4	4	No	0.676134	2.00	0.625	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O02	AL	12/14/1995	2/12/2014	19	15	No	0.71022	-42.00	1	Decreasing	4	4	No	0.427649	-2.00	1	Decreasing	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O02	AS	12/14/1995	8/11/2011	15	4	No	0.57689	22.00	0.8475	No Trend	4	1	No	0	0.00	0	A (<4 Detections in Datas	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O02	BA	12/14/1995	2/12/2014	20	20	No	0.17984	-59.00	1	Decreasing	4	4	No	0.029187	-2.00	1	Decreasing	4	4	No	0.0291865	-2.00	1	Decreasing
PTX07-1O02	CA	12/14/1995	2/12/2014	17	17	No	0.14412	21.00	0.792	No Trend	4	4	No	0.118625	4.00	0.833	No Trend	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O02	FE	12/14/1995	2/12/2014	18	18	No	0.66704	17.00	0.725	No Trend	4	4	No	0.359529	-6.00	1	Decreasing	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O02	K	12/14/1995	2/12/2014	18	18	No	0.17399	19.00	0.75	No Trend	4	4	No	0.05915	0.00	0.375	Stable	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O02	MG	12/14/1995	2/12/2014	19	19	No	0.09065	22.00	0.766	No Trend	4	4	No	0.028778	6.00	0.958	Increasing	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O02	NA	12/14/1995	2/12/2014	18	18	No	0.67425	61.00	0.989	Increasing	4	4	No	0.083633	-2.00	1	Decreasing	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O03	RDX	12/6/1995	7/28/2016	25	25	No	0.4902	-99.00	1	Decreasing	4	4	No	0.061696	4.00	0.833	No Trend	8	8	No	0.29177948	22.00	0.998	Increasing
PTX07-1O03	HMX	12/6/1995	7/28/2016	25	20	No	0.60366	-15.00	1	Decreasing	4	4	No	0.238649	6.00	0.958	Increasing	8	8	No	0.42826214	20.00	0.993	Increasing
PTX07-1O03	TNT	12/6/1995	7/28/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O03	DNT24	12/6/1995	7/28/2016	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O03	DNT26	12/6/1995	7/28/2016	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O03	DNT2A	12/6/1995	7/28/2016	24	12	No	0.42698	136.00	1	Increasing	4	4	No	0.197921	-4.00	1	Decreasing	8	8	No	0.17023776	3.00	0.594	No Trend
PTX07-1O03	DNT4A	12/6/1995	7/28/2016	24	3	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O03	TNB135	12/6/1995	7/28/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O03	DNB13	12/6/1995	7/28/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O03	DIOXANE14	4/27/2006	7/28/2016	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O03	PCE	12/6/1995	7/28/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O03	TCE	12/6/1995	7/28/2016	21	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas	8	3	No	0	0.00	0	A (<4 Detections in Datas
PTX07-1O03	DCE12C	12/6/1995	7/28/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O03	DCA12	12/6/1995	7/28/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O03	TCLME	12/6/1995	7/28/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O03	PERC	4/18/2001	5/14/2007	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O03	B	12/6/1995	7/28/2016	22	22	No	0.17073	-103.00	1	Decreasing	4	4	No	0.084215	0.00	0.375	Stable	8	8	No	0.14045395	18.00	0.984	Increasing
PTX07-1O03	CR	12/6/1995	7/28/2016	17	17	No	1.52832	-10.00	1	Decreasing	4	4	No	0.682249	-2.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O03	CR-6	12/6/1995	7/28/2016	19	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O03	MN	12/6/1995	7/28/2016	19	11	No	0.86232	-80.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX07-1O03	NI	12/6/1995	7/28/2016	17	16	No	1.13443	-78.00	1	Decreasing	4	4	No	0.147183	0.00	0.375	Stable	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O03	MO	12/6/1995	4/15/2008	15	13	No	1.52715	8.00	0.633	No Trend	4	4	No	0.600035	-2.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O03	AL	12/6/1995	7/28/2016	19	8	No	0.76653	-37.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX07-1O03	AS	12/6/1995	7/28/2016	16	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O03	BA	12/6/1995	7/28/2016	20	20	No	0.39153	-147.00	1	Decreasing	4	4	No	0.043011	1.00	0.5	No Trend	5	5	No	0.07273358	-3.00	1	Decreasing
PTX07-1O03	CA	12/6/1995	7/28/2016	13	13	No	0.07369	-16.00	1	Decreasing	4	4	No	0.029835	-6.00	1	Decreasing	4	4	No	0.029835	-6.00	1	Decreasing
PTX07-1O03	FE	12/6/1995	7/28/2016	19	18	No	0.96083	-45.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX07-1O03	K	12/6/1995	7/28/2016	15	15	No	0.09532	-61.00	1	Decreasing	4	4	No	0.064537	-6.00	1	Decreasing	4	4	No	0.06453703	-6.00	1	Decreasing
PTX07-1O03	MG	12/6/1995	7/28/2016	19	19	No	0.06425	13.00	0.661	No Trend	4	4	No	0.053562	0.00	0.375	Stable	4	4	No	0.05356195	0.00	0.375	Stable
PTX07-1O03	NA	12/6/1995	7/28/2016	15	15	No	0.42039	61.00	1	Increasing	4	4	No	0.328684	-6.00	1	Decreasing	4	4	No	0.3286844	-6.00	1	Decreasing
PTX07-1O06	RDX	9/7/2000	7/19/2012	11	3	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	HMX	9/7/2000	7/19/2012	11	3	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	TNT	9/7/2000	7/19/2012	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	DNT24	9/7/2000	7/19/2012	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	DNT26	9/7/2000	7/19/2012	11	2	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	DNT2A	9/7/2000	7/19/2012	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	DNT4A	9/7/2000	7/19/2012	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	TNB135	9/7/2000	7/19/2012	11	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	DNB13	9/7/2000	7/19/2012	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	PCE	11/29/2000	7/19/2012	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	TCE	11/29/2000	7/19/2012	10	5	No	0.78907	-17.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	DCE12C	8/1/2001	7/19/2012	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	DCA12	11/29/2000	7/19/2012	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	TCLME	11/29/2000	7/19/2012	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	PERC	11/29/2000	10/28/2004	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	B	3/19/2001	10/28/2004	9	9	No	0.12494	14.00	0.91	Probably Increasing	4	4	No	0.090661	0.00	0.375	Stable	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	CR	3/19/2001	10/28/2004	9	9	No	0.98574	-4.00	1	Decreasing	4	4	No	0.225114	0.00	0.375	Stable	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	CR-6	3/19/2001	10/28/2004	9	2	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	MN	3/19/2001	10/28/2004	9	9	No	0.95561	-6.00	1	Decreasing	4	4	No	0.431055	2.00	0.625	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	NI	3/19/2001	10/28/2004	9	7	No	0.54908	16.00	0.94	Probably Increasing	4	4	No	0.451261	4.00	0.833	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	MO	3/19/2001	10/28/2004	9	9	No	0.24728	10.00	0.821	No Trend	4	4	No	0.254362	0.00	0.375	Stable	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	AL	3/19/2001	10/28/2004	9	9	No	2.12261	-10.00	1	Decreasing	4	4	No	0.610814	-2.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	AS	3/19/2001	10/28/2004	9	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	BA	3/19/2001	10/28/2004	9	9	No	0.07887	-18.00	1	Decreasing	4	4	No	0.056438	-4.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	CA	3/19/2001	4/19/2001	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	FE	3/19/2001	10/28/2004	9	9	No	1.5372	-14.00	1	Decreasing	4	4	No	0.714187	-2.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	K	3/19/2001	4/19/2001	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	MG	3/19/2001	10/28/2004	9	9	No	0.08134	-21.00	1	Decreasing	4	4	No	0.081795	0.00	0.375	Stable	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1O06	NA	3/19/2001	4/19/2001	2	2	No	0	0.00	0	/A (<4 Samples in Datase	2	2	No	0	0.00	0	/A (<4 Samples in Datase	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1P02	RDX	12/13/1995	11/2/2016	30	25	No	1.63847	-160.00	1	Decreasing	4	4	No	0.413804	4.00	0.833	No Trend	15	12	No	0.95206575	34.00	1	Increasing
PTX07-1P02	HMX	12/13/1995	11/2/2016	30	13	No	1.32507	-188.00	1	Decreasing	4	4	No	0.34975	2.00	0.625	No Trend	15	10	No	0.69611507	56.00	1	Increasing
PTX07-1P02	TNT	12/13/1995	11/2/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	DNT24	12/13/1995	11/2/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	DNT26	12/13/1995	11/2/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	DNT2A	12/13/1995	11/2/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	DNT4A	12/13/1995	11/2/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	TNB135	12/13/1995	11/2/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	DNB13	12/13/1995	11/2/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	DIOXANE14	4/27/2006	11/2/2016	17	15	No	0.49163	-35.00	1	Decreasing	4	4	No	0.060029	-6.00	1	Decreasing	15	15	No	0.38011747	-6.00	1	Decreasing
PTX07-1P02	PCE	12/13/1995	11/2/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX07-1P02	TCE	12/13/1995	11/2/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	DCE12C	12/13/1995	11/2/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	DCA12	12/13/1995	11/2/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	TCLME	12/13/1995	11/2/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	PERC	1/23/2001	11/2/2016	22	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	A (<4 Detections in Datas
PTX07-1P02	B	12/13/1995	11/2/2016	29	29	No	0.20753	74.00	0.914	Probably Increasing	4	4	No	0.350392	6.00	0.958	Increasing	15	15	No	0.23922354	-1.00	1	Decreasing
PTX07-1P02	CR	12/13/1995	11/2/2016	16	14	No	1.14516	-55.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1P02	CR-6	12/13/1995	11/2/2016	18	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1P02	MN	12/13/1995	6/7/2016	18	18	No	0.74991	-85.00	1	Decreasing	4	4	No	0.468653	-4.00	1	Decreasing	4	4	No	0.468653	-4.00	1	Decreasing
PTX07-1P02	NI	12/13/1995	11/2/2016	16	16	No	1.32167	-88.00	1	Decreasing	4	4	No	0.496045	-6.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1P02	MO	12/13/1995	5/8/2007	14	14	No	0.6403	-39.00	1	Decreasing	4	4	No	0.487303	-4.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1P02	AL	12/13/1995	6/7/2016	18	5	No	0.79917	-41.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	AS	12/13/1995	11/2/2016	16	5	No	0.5122	-11.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1P02	BA	12/13/1995	11/2/2016	20	20	No	0.29683	-118.00	1	Decreasing	4	4	No	0.474566	4.00	0.833	No Trend	6	6	No	0.36702149	3.00	0.64	No Trend
PTX07-1P02	CA	12/13/1995	6/7/2016	12	12	No	0.42153	-18.00	1	Decreasing	4	4	No	0.781314	0.00	0.375	Stable	4	4	No	0.78131385	0.00	0.375	Stable
PTX07-1P02	FE	12/13/1995	6/7/2016	18	18	No	0.87331	-53.00	1	Decreasing	4	4	No	1.28818	-2.00	1	Decreasing	4	4	No	1.28817991	-2.00	1	Decreasing
PTX07-1P02	K	12/13/1995	6/7/2016	14	14	No	0.13598	29.00	0.937	Probably Increasing	4	4	No	0.115078	0.00	0.375	Stable	4	4	No	0.11507823	0.00	0.375	Stable
PTX07-1P02	MG	12/13/1995	6/7/2016	18	18	No	0.09785	52.00	0.9735	Increasing	4	4	No	0.081726	-6.00	1	Decreasing	4	4	No	0.08172555	-6.00	1	Decreasing
PTX07-1P02	NA	12/13/1995	6/7/2016	14	14	No	0.08203	39.00	0.982	Increasing	4	4	No	0.069501	-6.00	1	Decreasing	4	4	No	0.06950122	-6.00	1	Decreasing
PTX07-1P05	RDX	5/2/2000	5/13/2013	9	9	No	0.2613	16.00	0.94	Probably Increasing	4	4	No	0.112678	-2.00	1	Decreasing	5	5	No	0.16636569	-6.00	1	Decreasing
PTX07-1P05	HMX	5/2/2000	5/13/2013	9	8	No	0.8707	-10.00	1	Decreasing	4	4	No	0.183916	2.00	0.625	No Trend	5	5	No	0.15888586	2.00	0.592	No Trend
PTX07-1P05	TNT	5/2/2000	5/13/2013	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P05	DNT24	5/2/2000	5/13/2013	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P05	DNT26	5/2/2000	5/13/2013	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P05	DNT2A	5/2/2000	5/13/2013	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P05	DNT4A	5/2/2000	5/13/2013	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P05	TNB135	8/8/2000	5/13/2013	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P05	DNB13	5/2/2000	5/13/2013	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P05	DIOXANE14	9/21/2009	5/13/2013	5	5	No	0.40375	-2.00	1	Decreasing	4	4	No	0.46831	0.00	0.375	Stable	5	5	No	0.40374519	-2.00	1	Decreasing
PTX07-1P05	PCE	5/2/2000	5/13/2013	9	4	No	0.7431	-14.00	1	Decreasing	4	4	No	0.263206	3.00	0.729	No Trend	5	4	No	0.25585405	5.00	0.8205	No Trend
PTX07-1P05	TCE	5/2/2000	5/13/2013	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P05	DCE12C	9/21/2009	5/13/2013	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P05	DCA12	5/2/2000	5/13/2013	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P05	TCLME	5/2/2000	5/13/2013	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P05	PERC	5/2/2000	5/13/2013	9	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	5	1	No	0	0.00	0	A (<4 Detections in Datas
PTX07-1P05	B	5/2/2000	5/13/2013	9	9	No	0.15968	14.00	0.91	Probably Increasing	4	4	No	0.125144	0.00	0.375	Stable	5	5	No	0.16367938	4.00	0.758	No Trend
PTX07-1P05	CR	5/2/2000	4/27/2011	5	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1P05	CR-6	5/2/2000	4/27/2011	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1P05	MN	5/2/2000	5/10/2012	6	6	No	0.85465	-7.00	1	Decreasing	4	4	No	1.109392	0.00	0.375	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1P05	NI	5/2/2000	4/27/2011	5	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas	1	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1P05	MO	5/2/2000	1/25/2001	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1P05	AL	5/2/2000	5/10/2012	6	3	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1P05	AS	5/2/2000	4/27/2011	5	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	1	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1P05	BA	5/2/2000	5/10/2012	7	7	No	0.18847	-17.00	1	Decreasing	4	4	No	0.152729	-6.00	1	Decreasing	3	3	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1P05	CA	5/2/2000	5/10/2012	6	6	No	0.06257	3.00	0.64	No Trend	4	4	No	0.079925	2.00	0.625	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1P05	FE	5/2/2000	5/10/2012	6	5	No	1.28574	1.00	0.5	No Trend	4	4	No	1.082035	2.00	0.625	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1P05	K	5/2/2000	5/10/2012	6	6	No	0.08437	1.00	0.5	No Trend	4	4	No	0.07477	2.00	0.625	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1P05	MG	5/2/2000	5/10/2012	6	6	No	0.0293	0.00	0.422667	Stable	4	4	No	0.03455	-4.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1P05	NA	5/2/2000	5/10/2012	6	6	No	0.06596	9.00	0.932	Probably Increasing	4	4	No	0.052741	2.00	0.625	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1Q01	RDX	12/12/1995	7/26/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q01	HMX	12/12/1995	7/26/2016	21	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q01	TNT	12/12/1995	7/26/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q01	DNT24	12/12/1995	7/26/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q01	DNT26	12/12/1995	7/26/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q01	DNT2A	12/12/1995	7/26/2016	21	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q01	DNT4A	12/12/1995	7/26/2016	21	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q01	TNB135	12/12/1995	7/26/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q01	DNB13	12/12/1995	7/26/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q01	DIOXANE14	10/27/2005	7/26/2016	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1Q01	PCE	12/12/1995	7/26/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q01	TCE	12/12/1995	7/26/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q01	DCE12C	12/12/1995	7/26/2016	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q01	DCA12	12/12/1995	7/26/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q01	TCLME	12/12/1995	7/26/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q01	PERC	4/16/2001	10/24/2007	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1Q01	B	12/12/1995	7/26/2016	18	18	No	0.22014	-69.00	1	Decreasing	4	4	No	0.170094	1.00	0.5	No Trend	8	8	No	0.27741631	-7.00	1	Decreasing
PTX07-1Q01	CR	12/12/1995	7/26/2016	12	9	No	0.61902	-1.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1Q01	CR-6	12/12/1995	7/26/2016	16	4	No	0.60707	-8.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1Q01	MN	12/12/1995	7/26/2016	14	8	No	0.57871	-19.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX07-1Q01	NI	12/12/1995	7/26/2016	12	5	No	1.50877	-42.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1Q01	MO	12/12/1995	10/24/2007	10	10	No	0.38299	3.00	1	Increasing	4	4	No	0.290967	-2.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1Q01	AL	12/12/1995	7/26/2016	14	7	No	0.95842	-27.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX07-1Q01	AS	12/12/1995	7/26/2016	12	3	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1Q01	BA	12/12/1995	7/26/2016	15	15	No	0.29706	-45.00	1	Decreasing	4	4	No	0.346669	-2.00	1	Decreasing	5	5	No	0.38527176	2.00	0.592	No Trend
PTX07-1Q01	CA	12/12/1995	7/26/2016	11	11	No	0.54445	-39.00	1	Decreasing	4	4	No	0.351452	0.00	0.375	Stable	4	4	No	0.35145162	0.00	0.375	Stable
PTX07-1Q01	FE	12/12/1995	7/26/2016	14	9	No	0.66275	-23.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX07-1Q01	K	12/12/1995	7/26/2016	12	12	No	0.33667	24.00	0.942	Probably Increasing	4	4	No	0.31988	-2.00	1	Decreasing	4	4	No	0.31988001	-2.00	1	Decreasing
PTX07-1Q01	MG	12/12/1995	7/26/2016	14	14	No	0.22556	3.00	0.543	No Trend	4	4	No	0.379786	4.00	0.833	No Trend	4	4	No	0.37978561	4.00	0.833	No Trend
PTX07-1Q01	NA	12/12/1995	7/26/2016	12	12	No	0.30263	18.00	0.875	No Trend	4	4	No	0.296573	0.00	0.375	Stable	4	4	No	0.29657273	0.00	0.375	Stable
PTX07-1Q02	RDX	11/1/1995	7/26/2016	22	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q02	HMX	11/1/1995	7/26/2016	22	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q02	TNT	11/1/1995	7/26/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q02	DNT24	11/1/1995	7/26/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q02	DNT26	11/1/1995	7/26/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q02	DNT2A	11/1/1995	7/26/2016	22	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q02	DNT4A	11/1/1995	7/26/2016	22	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q02	TNB135	11/1/1995	7/26/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX07-1Q02	DNB13	11/1/1995	7/26/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q02	DIOXANE14	10/27/2005	7/26/2016	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1Q02	PCE	11/1/1995	7/26/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q02	TCE	11/1/1995	7/26/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q02	DCE12C	11/1/1995	7/26/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q02	DCA12	11/1/1995	7/26/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q02	TCLME	11/1/1995	7/26/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q02	PERC	5/3/2001	10/24/2007	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1Q02	B	11/1/1995	7/26/2016	17	16	No	0.12202	60.00	0.993	Increasing	4	4	No	0.074957	2.00	0.625	No Trend	8	8	No	0.07651133	0.00	0.452	Stable
PTX07-1Q02	CR	11/1/1995	7/26/2016	11	7	No	0.61475	16.00	0.875	No Trend	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1Q02	CR-6	11/1/1995	7/26/2016	15	4	No	0.55634	12.00	0.704	No Trend	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1Q02	MN	11/1/1995	7/26/2016	13	7	No	0.60368	-21.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX07-1Q02	NI	11/1/1995	7/26/2016	11	6	No	1.12461	-34.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1Q02	MO	11/1/1995	10/24/2007	9	8	No	0.36219	-2.00	1	Decreasing	4	4	No	0.161553	2.00	0.625	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1Q02	AL	11/1/1995	7/26/2016	13	6	No	1.07053	-23.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q02	AS	11/1/1995	7/26/2016	11	3	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1Q02	BA	11/1/1995	7/26/2016	14	14	No	0.30098	23.00	0.883	No Trend	4	4	No	0.049968	2.00	0.625	No Trend	5	5	No	0.04392547	2.00	0.592	No Trend
PTX07-1Q02	CA	11/1/1995	7/26/2016	10	10	No	0.24466	14.00	0.873	No Trend	4	4	No	0.038484	0.00	0.375	Stable	4	4	No	0.03848388	0.00	0.375	Stable
PTX07-1Q02	FE	11/1/1995	7/26/2016	13	10	No	0.58601	1.00	1	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX07-1Q02	K	11/1/1995	7/26/2016	11	11	No	0.07208	-5.00	1	Decreasing	4	4	No	0.0174	-6.00	1	Decreasing	4	4	No	0.01740004	-6.00	1	Decreasing
PTX07-1Q02	MG	11/1/1995	7/26/2016	13	13	No	0.08615	-6.00	1	Decreasing	4	4	No	0.06904	2.00	0.625	No Trend	4	4	No	0.06903999	2.00	0.625	No Trend
PTX07-1Q02	NA	11/1/1995	7/26/2016	11	11	No	0.08061	13.00	0.821	No Trend	4	4	No	0.085601	2.00	0.625	No Trend	4	4	No	0.08560121	2.00	0.625	No Trend
PTX07-1Q03	RDX	12/12/1995	7/27/2016	22	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q03	HMX	12/12/1995	7/27/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q03	TNT	12/12/1995	7/27/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q03	DNT24	12/12/1995	7/27/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q03	DNT26	12/12/1995	7/27/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q03	DNT2A	12/12/1995	7/27/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q03	DNT4A	12/12/1995	7/27/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q03	TNB135	12/12/1995	7/27/2016	22	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	8	1	No	0	0.00	0	A (<4 Detections in Datas
PTX07-1Q03	DNB13	12/12/1995	7/27/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q03	DIOXANE14	5/2/2006	7/27/2016	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1Q03	PCE	12/12/1995	7/27/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q03	TCE	12/12/1995	7/27/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q03	DCE12C	12/12/1995	7/27/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q03	DCA12	12/12/1995	7/27/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q03	TCLME	12/12/1995	7/27/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1Q03	PERC	4/16/2001	5/16/2007	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1Q03	B	12/12/1995	7/27/2016	19	18	No	0.26226	29.00	0.834	No Trend	4	4	No	0.072539	4.00	0.833	No Trend	8	8	No	0.08314651	-2.00	1	Decreasing
PTX07-1Q03	CR	12/12/1995	7/27/2016	13	8	No	0.69029	21.00	0.886	No Trend	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1Q03	CR-6	12/12/1995	7/27/2016	17	4	No	0.48667	13.00	0.6865	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1Q03	MN	12/12/1995	7/27/2016	15	8	No	1.04168	19.00	0.81	No Trend	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX07-1Q03	NI	12/12/1995	7/27/2016	13	7	No	1.38814	-21.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1Q03	MO	12/12/1995	5/17/2005	11	8	No	1.53833	24.00	0.9635	Increasing	4	4	No	0.135148	2.00	0.625	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1Q03	AL	12/12/1995	7/27/2016	15	8	No	0.72051	-2.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX07-1Q03	AS	12/12/1995	7/27/2016	13	2	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1Q03	BA	12/12/1995	7/27/2016	16	16	No	0.19573	-37.00	1	Decreasing	4	4	No	0.195705	6.00	0.958	Increasing	5	5	No	0.17514298	6.00	0.883	No Trend
PTX07-1Q03	CA	12/12/1995	7/27/2016	11	11	No	0.30116	-13.00	1	Decreasing	4	4	No	0.340004	2.00	0.625	No Trend	4	4	No	0.34000372	2.00	0.625	No Trend
PTX07-1Q03	FE	12/12/1995	7/27/2016	15	13	No	0.81515	30.00	1	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX07-1Q03	K	12/12/1995	7/27/2016	11	11	No	0.08628	9.00	0.729	No Trend	4	4	No	0.060807	2.00	0.625	No Trend	4	4	No	0.06080716	2.00	0.625	No Trend
PTX07-1Q03	MG	12/12/1995	7/27/2016	15	15	No	0.16158	13.00	0.721	No Trend	4	4	No	0.120136	2.00	0.625	No Trend	4	4	No	0.12013649	2.00	0.625	No Trend
PTX07-1Q03	NA	12/12/1995	7/27/2016	11	10	No	0.34522	35.00	0.997	Increasing	4	4	No	0.085784	4.00	0.833	No Trend	4	4	No	0.08578417	4.00	0.833	No Trend
PTX07-1R03	RDX	5/29/2001	7/27/2016	11	2	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	HMX	5/29/2001	7/27/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	TNT	5/29/2001	7/27/2016	11	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	DNT24	5/29/2001	7/27/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	DNT26	5/29/2001	7/27/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	DNT2A	5/29/2001	7/27/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	DNT4A	5/29/2001	7/27/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	TNB135	5/29/2001	7/27/2016	11	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	DNB13	5/29/2001	7/27/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	DIOXANE14	10/31/2005	7/27/2016	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	PCE	5/29/2001	7/27/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	TCE	5/29/2001	7/27/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	DCE12C	8/7/2001	7/27/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	DCA12	5/29/2001	7/27/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	TCLME	5/29/2001	7/27/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	PERC	5/29/2001	11/6/2007	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	B	5/29/2001	7/27/2016	11	11	No	0.07502	36.00	0.9975	Increasing	4	4	No	0.034497	-4.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	CR	5/29/2001	7/27/2016	11	11	No	0.72937	-3.00	1	Decreasing	4	4	No	0.362818	2.00	0.625	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	CR-6	5/29/2001	7/27/2016	11	6	No	0.96185	-4.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	MN	5/29/2001	7/27/2016	11	11	No	0.89512	-7.00	1	Decreasing	4	4	No	0.137816	0.00	0.375	Stable	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	NI	5/29/2001	7/27/2016	10	9	No	0.66329	-15.00	1	Decreasing	4	4	No	0.335167	-2.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	MO	5/29/2001	11/6/2007	8	8	No	0.16998	-18.00	1	Decreasing	4	4	No	0.084712	2.00	0.625	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	AL	5/29/2001	7/27/2016	11	11	No	1.24942	-25.00	1	Decreasing	4	4	No	0.745424	0.00	0.375	Stable	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	AS	5/29/2001	7/27/2016	11	6	No	0.44414	-21.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	BA	5/29/2001	7/27/2016	11	11	No	0.15782	-29.00	1	Decreasing	4	4	No	0.143948	4.00	0.833	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	CA	5/29/2001	7/27/2016	4	4	No	0.09866	-2.00	1	Decreasing	4	4	No	0.09866	-2.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	FE	5/29/2001	7/27/2016	11	11	No	1.13065	-21.00	1	Decreasing	4	4	No	0.48282	-2.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	K	5/29/2001	7/27/2016	6	6	No	0.05004	-5.00	1	Decreasing	4	4	No	0.043549	0.00	0.375	Stable	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	MG	5/29/2001	7/27/2016	11	11	No	0.06978	-14.00	1	Decreasing	4	4	No	0.066044	1.00	0.5	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX07-1R03	NA	5/29/2001	7/27/2016	6	6	No	0.04185	1.00	0.5	No Trend	4	4	No	0.052294	2.00	0.625	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX08-1001	RDX	12/11/1995	5/24/2016	21	13	No	1.5765	64.00	1	Increasing	4	4	No	0.384543	-2.00	1	Decreasing	7	7	No	0.57333113	7.00	0.809	No Trend
PTX08-1001	HMX	12/11/1995	5/24/2016	21	8	No	1.00481	-50.00	1	Decreasing	4	4	No	0.737153	-4.00	1	Decreasing	7	7	No	0.7969873	3.00	0.614	No Trend
PTX08-1001	TNT	12/11/1995	5/24/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX08-1001	DNT24	12/11/1995	5/24/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX08-1001	DNT26	12/11/1995	5/24/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect

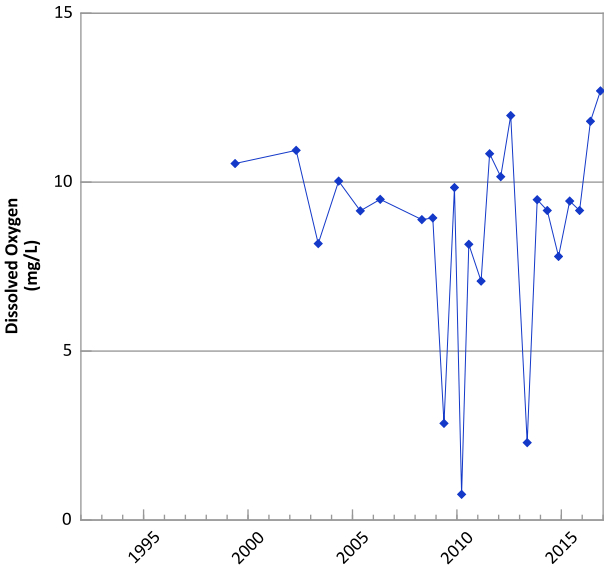
Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX08-1001	DNT2A	12/11/1995	5/24/2016	21	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	7	1	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1001	DNT4A	12/11/1995	5/24/2016	21	2	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	7	1	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1001	TNB135	12/11/1995	5/24/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX08-1001	DNB13	12/11/1995	5/24/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX08-1001	DIOXANE14	4/27/2006	5/24/2016	9	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	7	1	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1001	PCE	12/11/1995	5/24/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX08-1001	TCE	12/11/1995	5/24/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX08-1001	DCE12C	12/11/1995	5/24/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX08-1001	DCA12	12/11/1995	5/24/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX08-1001	TCLME	12/11/1995	5/24/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX08-1001	PERC	4/19/2001	5/24/2016	15	13	No	0.66649	-60.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	7	5	No	0.52398696	-10.00	1	Decreasing
PTX08-1001	B	12/11/1995	5/24/2016	23	23	No	0.74453	66.00	0.9565	Increasing	4	4	No	0.547979	-4.00	1	Decreasing	7	7	No	0.3852238	-7.00	1	Decreasing
PTX08-1001	CR	12/11/1995	5/24/2016	19	19	No	1.40915	-17.00	1	Decreasing	4	4	No	1.488273	-6.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX08-1001	CR-6	12/11/1995	5/24/2016	19	5	No	1.26124	91.00	0.999	Increasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1001	MN	12/11/1995	5/24/2016	21	18	No	1.41295	-42.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1001	NI	12/11/1995	5/24/2016	19	19	No	1.7505	-5.00	1	Decreasing	4	4	No	1.019815	-4.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX08-1001	MO	12/11/1995	4/10/2008	17	16	No	0.94914	81.00	1	Increasing	4	4	No	0.626793	4.00	0.833	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1001	AL	12/11/1995	5/24/2016	21	12	No	0.98669	-69.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1001	AS	12/11/1995	5/24/2016	18	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1001	BA	12/11/1995	5/24/2016	22	21	No	0.33159	59.00	1	Increasing	4	4	No	0.118706	2.00	0.625	No Trend	5	5	No	0.15594524	6.00	0.883	No Trend
PTX08-1001	CA	12/11/1995	5/24/2016	13	13	No	0.27926	-38.00	1	Decreasing	4	4	No	0.174353	0.00	0.375	Stable	4	4	No	0.17435318	0.00	0.375	Stable
PTX08-1001	FE	12/11/1995	5/24/2016	21	21	No	0.96866	0.00	0.488	Stable	4	4	No	0.195262	-4.00	1	Decreasing	4	4	No	0.1952624	-4.00	1	Decreasing
PTX08-1001	K	12/11/1995	5/24/2016	16	16	No	0.19668	-66.00	1	Decreasing	4	4	No	0.138716	-6.00	1	Decreasing	4	4	No	0.13871626	-6.00	1	Decreasing
PTX08-1001	MG	12/11/1995	5/24/2016	20	20	No	0.28114	-92.00	1	Decreasing	4	4	No	0.266258	-4.00	1	Decreasing	4	4	No	0.26625757	-4.00	1	Decreasing
PTX08-1001	NA	12/11/1995	5/24/2016	16	16	No	0.23035	14.00	0.718	No Trend	4	4	No	0.371954	0.00	0.375	Stable	4	4	No	0.3719543	0.00	0.375	Stable
PTX08-1002	RDX	12/14/1995	11/2/2016	32	31	No	0.82133	-135.00	1	Decreasing	4	4	No	0.712549	4.00	0.833	No Trend	12	12	No	0.59042948	-18.00	1	Decreasing
PTX08-1002	HMX	12/14/1995	11/2/2016	32	31	No	1.05136	-231.00	1	Decreasing	4	4	No	0.298472	0.00	0.375	Stable	12	12	No	0.56466416	18.00	0.875	No Trend
PTX08-1002	TNT	12/14/1995	11/2/2016	32	29	No	0.81512	-114.00	1	Decreasing	4	4	No	0.292864	0.00	0.375	Stable	12	12	No	1.01419595	28.00	0.969	Increasing
PTX08-1002	DNT24	12/14/1995	11/2/2016	31	27	No	1.18544	-257.00	1	Decreasing	4	4	No	0.261273	0.00	0.375	Stable	12	11	No	0.48397443	36.00	0.993	Increasing
PTX08-1002	DNT26	12/14/1995	11/2/2016	30	3	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	12	2	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1002	DNT2A	12/14/1995	11/2/2016	30	25	No	0.95355	-67.00	1	Decreasing	4	4	No	0.400887	4.00	0.833	No Trend	12	12	No	0.50571035	2.00	0.527	No Trend
PTX08-1002	DNT4A	12/14/1995	11/2/2016	30	19	No	1.18101	124.00	0.9865	Increasing	4	4	No	0.212452	6.00	0.958	Increasing	12	12	No	0.7082684	-8.00	1	Decreasing
PTX08-1002	TNB135	12/14/1995	11/2/2016	32	29	No	1.07564	-105.00	1	Decreasing	4	4	No	0.380245	2.00	0.625	No Trend	12	12	No	0.98741777	26.00	0.957	Increasing
PTX08-1002	DNB13	12/14/1995	11/2/2016	30	3	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX08-1002	DIOXANE14	11/1/2005	11/2/2016	5	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX08-1002	PCE	12/14/1995	11/2/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX08-1002	TCE	12/14/1995	11/2/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX08-1002	DCE12C	12/14/1995	11/2/2016	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX08-1002	DCA12	12/14/1995	11/2/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX08-1002	TCLME	12/14/1995	11/2/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX08-1002	PERC	8/23/1999	11/1/2007	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1002	B	12/14/1995	11/2/2016	30	30	No	0.25894	-283.00	1	Decreasing	4	4	No	0.118575	2.00	0.625	No Trend	12	12	No	0.15595171	-44.00	1	Decreasing
PTX08-1002	CR	12/14/1995	11/2/2016	33	23	No	1.59735	-53.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	12	5	No	2.67665912	-31.00	1	Decreasing
PTX08-1002	CR-6	3/5/1996	11/2/2016	32	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX08-1002	MN	12/14/1995	5/24/2016	28	18	No	2.34227	55.00	0.8555	No Trend	4	4	No	1.114861	0.00	0.375	No Trend	8	8	No	1.70113082	14.00	0.946	Probably Increasing
PTX08-1002	NI	12/14/1995	11/2/2016	26	25	No	1.80716	-40.00	1	Decreasing	4	4	No	0.487928	-2.00	1	Decreasing	7	7	No	0.63668537	-5.00	1	Decreasing
PTX08-1002	MO	12/14/1995	11/4/2013	26	23	No	0.96497	103.00	0.988	Increasing	4	4	No	0.668587	-4.00	1	Decreasing	6	6	No	0.59394828	-5.00	1	Decreasing
PTX08-1002	AL	12/14/1995	5/24/2016	25	10	No	0.9918	-100.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1002	AS	12/14/1995	11/2/2016	20	9	No	0.98244	-8.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX08-1002	BA	12/14/1995	11/2/2016	27	27	No	0.23623	-67.00	1	Decreasing	4	4	No	0.369016	2.00	0.625	No Trend	6	6	No	0.45029921	11.00	0.972	Increasing
PTX08-1002	CA	12/14/1995	5/24/2016	19	19	No	0.38173	-44.00	1	Decreasing	4	4	No	0.339782	4.00	0.833	No Trend	4	4	No	0.33978213	4.00	0.833	No Trend
PTX08-1002	FE	12/14/1995	5/24/2016	25	24	No	0.89869	56.00	0.899	No Trend	4	4	No	0.478336	4.00	0.833	No Trend	8	8	No	0.50707858	0.00	0.452	Stable
PTX08-1002	K	12/14/1995	5/24/2016	18	18	No	0.12214	-19.00	1	Decreasing	4	4	No	0.147021	-4.00	1	Decreasing	4	4	No	0.14702079	-4.00	1	Decreasing
PTX08-1002	MG	12/14/1995	5/24/2016	24	24	No	0.19111	-95.00	1	Decreasing	4	4	No	0.207857	-4.00	1	Decreasing	4	4	No	0.20785659	-4.00	1	Decreasing
PTX08-1002	NA	12/14/1995	5/24/2016	18	18	No	0.16581	43.00	0.944	Probably Increasing	4	4	No	0.133401	0.00	0.375	Stable	4	4	No	0.13340123	0.00	0.375	Stable
PTX08-1003	RDX	11/29/1995	6/7/2016	23	9	No	0.42992	-44.00	1	Decreasing	4	4	No	0.160221	4.00	0.833	No Trend	9	9	No	0.27403105	18.00	0.962	Increasing
PTX08-1003	HMX	11/29/1995	6/7/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	TNT	11/29/1995	6/7/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	DNT24	11/29/1995	6/7/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	DNT26	11/29/1995	6/7/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	DNT2A	11/29/1995	6/7/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	DNT4A	11/29/1995	6/7/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	TNB135	11/29/1995	6/7/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	DNB13	11/29/1995	6/7/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	DIOXANE14	11/11/2002	6/7/2016	13	3	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	9	3	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1003	PCE	11/29/1995	6/7/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	TCE	11/29/1995	6/7/2016	23	8	No	0.77461	67.00	0.959	Increasing	4	4	No	0.486194	-4.00	1	Decreasing	9	8	No	0.55449106	-2.00	1	Decreasing
PTX08-1003	DCE12C	11/29/1995	6/7/2016	19	6	No	0.26101	36.00	0.888	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	9	6	No	0.32440223	-4.00	1	Decreasing
PTX08-1003	DCA12	11/29/1995	6/7/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	TCLME	11/29/1995	6/7/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	PERC	10/19/2000	6/7/2016	18	18	No	0.50693	-143.00	1	Decreasing	4	4	No	0.027417	-4.00	1	Decreasing	9	9	No	0.26503359	-32.00	1	Decreasing
PTX08-1003	B	11/29/1995	6/7/2016	23	22	No	0.16677	126.00	1	Increasing	4	4	No	0.117042	2.00	0.625	No Trend	9	9	No	0.09394267	8.00	0.762	No Trend
PTX08-1003	CR	11/29/1995	4/28/2008	15	15	No	1.20722	69.00	1	Increasing	4	4	No	0.607046	0.00	0.375	Stable	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1003	CR-6	3/11/1996	11/1/2007	14	3	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1003	MN	11/29/1995	6/7/2016	19	18	No	1.9716	41.00	0.918	Probably Increasing	4	4	No	0.551439	0.00	0.375	Stable	4	4	No	0.55143921	0.00	0.375	Stable
PTX08-1003	NI	11/29/1995	4/28/2008	14	14	No	0.7315	59.00	1	Increasing	4	4	No	0.279543	0.00	0.375	Stable	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1003	MO	11/29/1995	4/28/2008	14	14	No	1.27333	65.00	1	Increasing	4	4	No	0.766562	2.00	0.625	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1003	AL	11/29/1995	6/7/2016	19	11	No	0.71185	-29.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1003	AS	11/29/1995	11/1/2007	15	14	No	1.00045	57.00	1	Increasing	4	4	No	0.533255	-4.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1003	BA	11/29/1995	6/7/2016	19	19	No	0.36382	44.00	0.933	Probably Increasing	4	4	No	0.059308	-4.00	1	Decreasing	4	4	No	0.05930799	-4.00	1	Decreasing
PTX08-1003	CA	11/29/1995	6/7/2016	14	14	No	0.14264	59.00	1	Increasing	4	4	No	0.060095	-4.00	1	Decreasing	4	4	No	0.06009472	-4.00	1	Decreasing
PTX08-1003	FE	11/29/1995	6/7/2016	19	19	No	1.40346	47.00	0.946	Probably Increasing	4	4	No	0.402767	0.00	0.375	Stable	4	4	No	0.40276696	0.00	0.375	Stable
PTX08-1003	K	11/29/1995	6/7/2016	16	16	No	0.08655	45.00	0.9765	Increasing	4	4	No	0.043499	-2.00	1	Decreasing	4	4	No	0.04349895	-2.00	1	Decreasing
PTX08-1003	MG	11/29/1995	6/7/2016	19	19	No	0.15188	97.00	1	Increasing	4	4	No	0.01687	2.00	0.625	No Trend	4	4	No	0.01687034	2.00	0.625	No Trend
PTX08-1003	NA	11/29/1995	6/7/2016	16	16	No	0.07388	12.00	0.687	No Trend	4	4	No	0.091901	-2.00	1	Decreasing	4	4	No	0.09190091	-2.00	1	Decreasing
PTX08-1005	RDX	11/29/1995	8/15/2016	32	31	No	1.80451	-187.00	1	Decreasing	4	4	No	0.477922	-2.00	1	Decreasing	15	15	No	1.23581285	3.00	0.539	No Trend
PTX08-1005	HMX	11/29/1995	8/15/2016	32	30	No	2.11713	-272.00	1	Decreasing	4	4	No	0.56274	0.00	0.375	Stable	15	15	No	1.52552877	7.00	0.615	No Trend

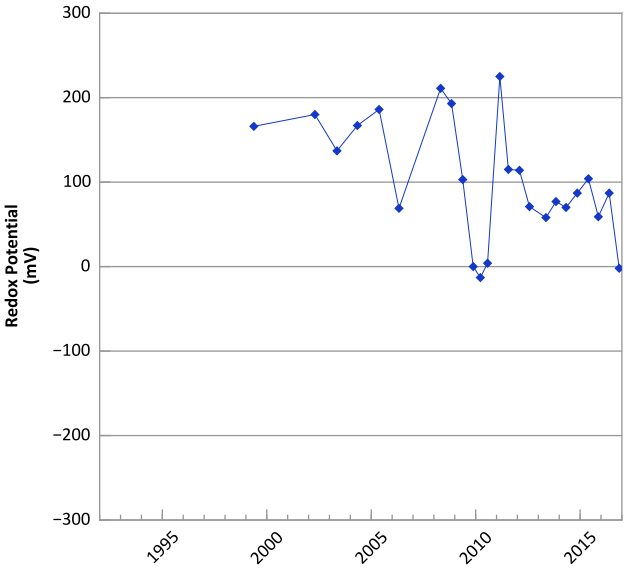
Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX08-1005	TNT	11/29/1995	8/15/2016	32	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX08-1005	DNT24	11/29/1995	8/15/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX08-1005	DNT26	11/29/1995	8/15/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX08-1005	DNT2A	11/29/1995	8/15/2016	32	11	No	0.93145	-312.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1005	DNT4A	11/29/1995	8/15/2016	32	29	No	0.66721	-16.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	12	No	0.70955154	-5.00	1	Decreasing
PTX08-1005	TNB135	11/29/1995	8/15/2016	32	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX08-1005	DNB13	11/29/1995	8/15/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX08-1005	DIOXANE14	11/6/2003	8/15/2016	22	19	No	0.61796	-47.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	14	No	0.56729296	-71.00	1	Decreasing
PTX08-1005	PCE	11/29/1995	8/15/2016	33	23	No	0.56905	-60.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	15	13	No	0.71247355	0.00	0.48	Stable
PTX08-1005	TCE	11/29/1995	8/15/2016	35	35	No	0.48861	62.00	0.8055	No Trend	4	4	No	1.082521	-4.00	1	Decreasing	15	15	No	0.50283616	-25.00	1	Decreasing
PTX08-1005	DCE12C	11/29/1995	8/15/2016	30	25	No	0.56001	41.00	0.761	No Trend	4	4	No	1.216817	-6.00	1	Decreasing	15	15	No	0.52441173	-66.00	1	Decreasing
PTX08-1005	DCA12	11/29/1995	8/15/2016	34	29	No	0.68875	-180.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	14	No	0.5989631	-54.00	1	Decreasing
PTX08-1005	TCLME	11/29/1995	8/15/2016	33	27	No	0.75182	43.00	0.741	No Trend	4	4	No	1.308527	-6.00	1	Decreasing	15	15	No	0.57336894	-35.00	1	Decreasing
PTX08-1005	PERC	4/25/2000	8/15/2016	26	24	No	1.64204	-174.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	15	13	No	0.7350814	-26.00	1	Decreasing
PTX08-1005	B	11/29/1995	8/15/2016	29	29	No	0.14346	198.00	1	Increasing	4	4	No	0.085237	4.00	0.833	No Trend	15	15	No	0.10289233	38.00	1	Increasing
PTX08-1005	CR	11/29/1995	8/15/2016	24	23	No	0.69423	22.00	0.697	No Trend	4	4	No	0.63332	-2.00	1	Decreasing	7	7	No	0.83238972	-15.00	1	Decreasing
PTX08-1005	CR-6	3/5/1996	8/15/2016	19	12	No	1.43784	-12.00	1	Decreasing	4	4	No	0.663458	0.00	0.375	Stable	7	7	No	1.45543205	-15.00	1	Decreasing
PTX08-1005	MN	11/29/1995	2/9/2016	21	10	No	0.61986	6.00	0.559	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1005	NI	11/29/1995	8/15/2016	18	14	No	1.21037	-78.00	1	Decreasing	4	4	No	0.445776	-2.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX08-1005	MO	11/29/1995	5/20/2009	16	14	No	0.22112	-32.00	1	Decreasing	4	4	No	0.094804	-2.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1005	AL	11/29/1995	2/9/2016	21	6	No	1.01281	-63.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1005	AS	11/29/1995	8/15/2016	17	8	No	0.4265	22.00	0.804	No Trend	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX08-1005	BA	11/29/1995	8/15/2016	23	23	No	0.09797	-4.00	1	Decreasing	4	4	No	0.120781	0.00	0.375	Stable	6	6	No	0.11764881	-3.00	1	Decreasing
PTX08-1005	CA	11/29/1995	2/9/2016	17	17	No	0.07753	23.00	0.815	No Trend	4	4	No	0.13963	-6.00	1	Decreasing	4	4	No	0.13962989	-6.00	1	Decreasing
PTX08-1005	FE	11/29/1995	2/9/2016	20	14	No	0.69818	32.00	0.841	No Trend	4	4	No	0.383716	-4.00	1	Decreasing	4	4	No	0.3837155	-4.00	1	Decreasing
PTX08-1005	K	11/29/1995	2/9/2016	18	18	No	0.09809	-28.00	1	Decreasing	4	4	No	0.099115	-4.00	1	Decreasing	4	4	No	0.09911501	-4.00	1	Decreasing
PTX08-1005	MG	11/29/1995	2/9/2016	21	21	No	0.09681	76.00	1	Increasing	4	4	No	0.084705	-6.00	1	Decreasing	4	4	No	0.0847055	-6.00	1	Decreasing
PTX08-1005	NA	11/29/1995	2/9/2016	18	18	No	0.29811	-113.00	1	Decreasing	4	4	No	0.041297	0.00	0.375	Stable	4	4	No	0.0412975	0.00	0.375	Stable
PTX08-1006	RDX	11/28/1995	8/15/2016	34	31	No	0.90843	380.00	1	Increasing	4	4	No	0.218161	-6.00	1	Decreasing	15	15	No	0.39236582	-51.00	1	Decreasing
PTX08-1006	HMX	11/28/1995	8/15/2016	34	22	No	1.30509	182.00	0.997	Increasing	4	4	No	0.254484	-6.00	1	Decreasing	15	15	No	0.87863023	41.00	1	Increasing
PTX08-1006	TNT	11/28/1995	8/15/2016	33	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX08-1006	DNT24	11/28/1995	8/15/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX08-1006	DNT26	11/28/1995	8/15/2016	34	7	No	0.41782	-256.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	5	No	0.20751921	-7.00	1	Decreasing
PTX08-1006	DNT2A	11/28/1995	8/15/2016	34	14	No	4.34377	40.00	0.717	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	13	No	0.56300293	43.00	1	Increasing
PTX08-1006	DNT4A	11/28/1995	8/15/2016	34	32	No	0.52109	-163.00	1	Decreasing	4	4	No	0.313408	-6.00	1	Decreasing	15	15	No	0.5921859	-23.00	1	Decreasing
PTX08-1006	TNB135	11/28/1995	8/15/2016	34	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	2	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1006	DNB13	11/28/1995	8/15/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX08-1006	DIOXANE14	11/11/2002	8/15/2016	24	24	No	0.50164	-148.00	1	Decreasing	4	4	No	0.350072	-6.00	1	Decreasing	15	15	No	0.62502786	-97.00	1	Decreasing
PTX08-1006	PCE	11/28/1995	8/15/2016	36	28	No	0.83753	201.00	0.997	Increasing	4	4	No	0.274443	-2.00	1	Decreasing	15	15	No	0.66976414	-57.00	1	Decreasing
PTX08-1006	TCE	11/28/1995	8/15/2016	37	36	No	0.79371	323.00	1	Increasing	4	4	No	0.396423	0.00	0.375	Stable	15	15	No	0.44522492	69.00	1	Increasing
PTX08-1006	DCE12C	11/28/1995	8/15/2016	32	28	No	0.53538	-91.00	1	Decreasing	4	4	No	0.193248	0.00	0.375	Stable	15	15	No	0.52300621	-51.00	1	Decreasing
PTX08-1006	DCA12	11/28/1995	8/15/2016	35	35	No	0.54256	-205.00	1	Decreasing	4	4	No	0.074898	0.00	0.375	Stable	15	15	No	0.40019213	-71.00	1	Decreasing
PTX08-1006	TCLME	11/28/1995	8/15/2016	35	34	No	0.65047	-27.00	1	Decreasing	4	4	No	0.272568	2.00	0.625	No Trend	15	15	No	0.59272348	-75.00	1	Decreasing
PTX08-1006	PERC	4/25/2000	8/15/2016	29	29	No	0.7664	44.00	0.788	No Trend	4	4	No	0.145894	-4.00	1	Decreasing	15	15	No	0.53911461	-97.00	1	Decreasing
PTX08-1006	B	11/28/1995	8/15/2016	30	30	No	0.15931	233.00	1	Increasing	4	4	No	0.071004	2.00	0.625	No Trend	15	15	No	0.08197611	-8.00	1	Decreasing
PTX08-1006	CR	11/28/1995	8/15/2016	20	17	No	0.38735	-68.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX08-1006	CR-6	3/5/1996	8/15/2016	18	7	No	2.00574	-43.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1006	MN	11/28/1995	2/9/2016	22	14	No	0.52462	-9.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1006	NI	11/28/1995	8/15/2016	20	12	No	1.08519	-112.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX08-1006	MO	11/28/1995	5/20/2009	18	18	No	0.20533	-55.00	1	Decreasing	4	4	No	0.067877	-4.00	1	Decreasing	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1006	AL	11/28/1995	2/9/2016	22	7	No	0.84053	-80.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1006	AS	11/28/1995	8/15/2016	18	8	No	0.52152	24.00	0.8055	No Trend	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX08-1006	BA	11/28/1995	8/15/2016	24	24	No	0.16585	-178.00	1	Decreasing	4	4	No	0.139288	6.00	0.958	Increasing	6	6	No	0.12212199	7.00	0.864	No Trend
PTX08-1006	CA	11/28/1995	2/9/2016	15	15	No	0.12273	45.00	1	Increasing	4	4	No	0.076484	-6.00	1	Decreasing	4	4	No	0.07648375	-6.00	1	Decreasing
PTX08-1006	FE	11/28/1995	2/9/2016	22	17	No	0.839	73.00	1	Increasing	4	4	No	0.161055	-6.00	1	Decreasing	4	4	No	0.16105524	-6.00	1	Decreasing
PTX08-1006	K	11/28/1995	2/9/2016	18	18	No	0.07612	4.00	0.5445	No Trend	4	4	No	0.072448	-4.00	1	Decreasing	4	4	No	0.07244766	-4.00	1	Decreasing
PTX08-1006	MG	11/28/1995	2/9/2016	22	22	No	0.12283	123.00	1	Increasing	4	4	No	0.127779	-4.00	1	Decreasing	4	4	No	0.12777923	-4.00	1	Decreasing
PTX08-1006	NA	11/28/1995	2/9/2016	18	18	No	0.07035	82.00	0.999	Increasing	4	4	No	0.062782	-4.00	1	Decreasing	4	4	No	0.06278211	-4.00	1	Decreasing
PTX08-1007	RDX	3/11/1996	6/8/2016	15	11	No	0.84109	60.00	1	Increasing	4	4	No	0.130721	-2.00	1	Decreasing	7	7	No	0.31106194	9.00	0.881	No Trend
PTX08-1007	HMX	3/11/1996	6/8/2016	15	6	No	1.30969	-28.00	1	Decreasing	4	4	No	0.201519	0.00	0.375	Stable	7	6	No	0.44078973	13.00	0.965	Increasing
PTX08-1007	TNT	3/11/1996	6/8/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX08-1007	DNT24	3/11/1996	6/8/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX08-1007	DNT26	3/11/1996	6/8/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX08-1007	DNT2A	3/11/1996	6/8/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX08-1007	DNT4A	3/11/1996	6/8/2016	14	3	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	7	3	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1007	TNB135	3/11/1996	6/8/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX08-1007	DNB13	3/11/1996	6/8/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX08-1007	DIOXANE14	8/7/2002	6/8/2016	8	6	No	0.84087	9.00	0.8315	No Trend	4	4	No	0.098284	6.00	0.958	Increasing	7	6	No	0.29982954	16.00	0.99	Increasing
PTX08-1007	PCE	3/11/1996	6/8/2016	18	10	No	0.78388	-42.00	1	Decreasing	4	4	No	0.386771	-6.00	1	Decreasing	7	7	No	0.36926763	-13.00	1	Decreasing
PTX08-1007	TCE	3/11/1996	6/8/2016	18	18	No	0.31816	17.00	0.725	No Trend	4	4	No	0.295351	-6.00	1	Decreasing	7	7	No	0.39316741	-5.00	1	Decreasing
PTX08-1007	DCE12C	3/11/1996	6/8/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX08-1007	DCA12	3/11/1996	6/8/2016	18	15	No	0.64021	21.00	0.773	No Trend	4	4	No	0.27289	4.00	0.833	No Trend	7	7	No	0.45053067	9.00	0.881	No Trend
PTX08-1007	TCLME	3/11/1996	6/8/2016	18	18	No	0.41334	-27.00	1	Decreasing	4	4	No	0.109168	4.00	0.833	No Trend	7	7	No	0.30716394	5.00	0.719	No Trend
PTX08-1007	PERC	4/23/2001	6/8/2016	12	6	No	0.28816	-35.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	7	3	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1007	B	12/20/1995	6/8/2016	17	16	No	0.53978	115.00	1	Increasing	4	4	No	0.111782	1.00	0.5	No Trend	7	7	No	0.23355451	12.00	0.9485	Probably Increasing
PTX08-1007	CR	12/20/1995	6/8/2016	20	19	No	2.14958	-18.00	1	Decreasing	4	4	No	0.609811	0.00	0.375	Stable	8	7	No	2.00343386	-14.00	1	Decreasing
PTX08-1007	CR-6	3/11/1996	6/8/2016	17	9	No	2.74392	-16.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	8	4	No	1.94256725	-24.00	1	Decreasing
PTX08-1007	MN	12/20/1995	6/8/2016	18	15	No	2.04293	22.00	0.784	No Trend	4	3	No	0	0.00	0	A (<4 Detections in Datas	6	5	No	1.36949731	-7.00	1	Decreasing
PTX08-1007	NI	12/20/1995	6/8/2016	17	17	No	2.19562	-8.00	1	Decreasing	4	4	No	1.445116	0.00	0.375	No Trend	5	5	No	2.05181818	-4.00	1	Decreasing
PTX08-1007	MO	12/20/1995	5/20/2013	16	16	No	2.56483	-4.00	1	Decreasing	4	4	No	1.579029	-4.00	1	Decreasing	4	4	No	1.57902939	-4.00	1	Decreasing
PTX08-1007	AL	12/20/1995	6/8/2016	16	10	No	1.25681	-31.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1007	AS	12/20/1995	6/8/2016	12	7	No	0.89263	-6.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX08-1007	BA	12/20/1995	6/8/2016	17	17	No	0.1751	-23.00	1	Decreasing	4	4	No	0.117177	2.00	0.625	No Trend	5	5	No	0.13792532	-2.00	1	Decreasing
PTX08-1007	CA	12/20/1995	6/8/2016	14	14	No	0.19291	30.00	0.9435	Probably Increasing	4	4	No	0.181984	6.00	0.958	Increasing	4	4	No	0.18198418	6.00	0.958	Increasing
PTX08-1007	FE	12/20/1995	6/8/2016	18	18	No	2.96569	33.00	0.885	No Trend	4	4	No	0.187186	4.00	0.833	No Trend	6	6	No	0.69807426	-5.00	1	Decreasing
PTX08-1007	K	12/20/1995	6/8/2016	14	14	No	0.13006	7.00	0.626	No Trend	4	4	No	0.113458	4.00	0.833	No Trend	4	4	No	0.11345755	4.00	0.833	No Trend
PTX08-1007	MG	12/20/1995	6/8/2016	16	16	No	0.15835	83.00	1	Increasing	4	4	No	0.132225	6.00	0.958	Increasing	4	4	No	0.1322251	6.00	0.958	Increasing

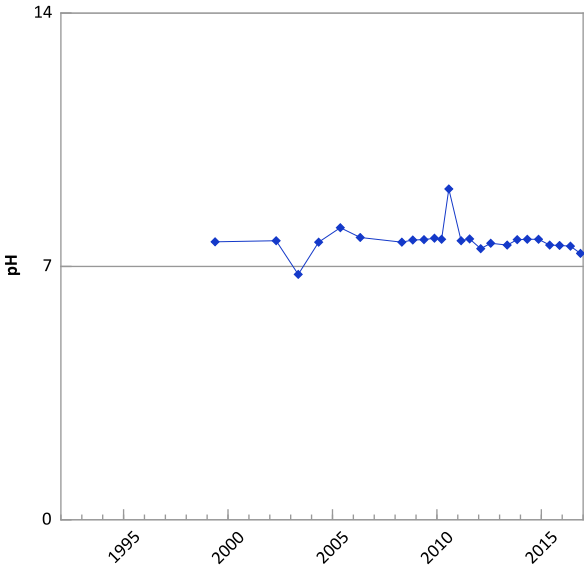
Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX08-1007	NA	12/20/1995	6/8/2016	14	14	No	0.16795	20.00	0.8475	No Trend	4	4	No	0.190669	0.00	0.375	Stable	4	4	No	0.19066881	0.00	0.375	Stable
PTX08-1008	RDX	11/14/1995	11/14/2016	37	3	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	16	1	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1008	HMX	11/14/1995	11/14/2016	37	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas	16	1	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1008	TNT	11/14/1995	11/14/2016	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX08-1008	DNT24	11/14/1995	11/14/2016	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX08-1008	DNT26	11/14/1995	11/14/2016	37	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX08-1008	DNT2A	11/14/1995	11/14/2016	37	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX08-1008	DNT4A	11/14/1995	11/14/2016	37	10	No	1.00369	-407.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX08-1008	TNB135	11/14/1995	11/14/2016	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX08-1008	DNB13	11/14/1995	11/14/2016	32	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX08-1008	DIOXANE14	2/10/2004	11/14/2016	25	3	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	16	2	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1008	PCE	11/14/1995	11/14/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX08-1008	TCE	11/14/1995	11/14/2016	37	10	No	0.9198	-178.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	16	3	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1008	DCE12C	11/14/1995	11/14/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX08-1008	DCA12	11/14/1995	11/14/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX08-1008	TCLME	11/14/1995	11/14/2016	32	24	No	0.67933	-200.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	16	14	No	0.3338926	42.00	0.968	Increasing
PTX08-1008	PERC	8/23/1999	11/14/2016	33	13	No	2.33522	111.00	0.9555	Increasing	4	4	No	0.630288	6.00	0.958	Increasing	16	12	No	1.76108802	74.00	1	Increasing
PTX08-1008	B	11/14/1995	11/14/2016	42	42	No	0.20281	485.00	1	Increasing	4	4	No	0.040572	4.00	0.833	No Trend	16	16	No	0.13756186	29.00	0.8945	No Trend
PTX08-1008	CR	11/14/1995	11/14/2016	43	43	No	1.10026	-593.00	1	Decreasing	4	4	No	0.140738	6.00	0.958	Increasing	16	16	No	0.48259793	-60.00	1	Decreasing
PTX08-1008	CR-6	11/14/1995	11/14/2016	43	43	No	1.0413	-610.00	1	Decreasing	4	4	No	0.200329	0.00	0.375	Stable	15	15	No	0.5305801	-63.00	1	Decreasing
PTX08-1008	MN	11/14/1995	11/14/2016	42	25	No	0.75356	236.00	1	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	16	15	No	0.5899935	-8.00	1	Decreasing
PTX08-1008	NI	11/14/1995	11/14/2016	41	35	No	1.46725	-307.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	16	15	No	0.41018421	-28.00	1	Decreasing
PTX08-1008	MO	11/14/1995	11/14/2016	41	34	No	3.47418	-137.00	1	Decreasing	4	4	No	0.060596	0.00	0.375	Stable	16	16	No	0.11824358	-70.00	1	Decreasing
PTX08-1008	AL	11/14/1995	5/25/2016	30	15	No	0.85162	-96.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1008	AS	11/14/1995	11/14/2016	26	14	No	0.56126	11.00	0.586	No Trend	4	4	No	0.270415	4.00	0.833	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX08-1008	BA	11/14/1995	11/14/2016	32	31	No	0.30814	-72.00	1	Decreasing	4	4	No	0.127204	-4.00	1	Decreasing	6	6	No	0.09907393	-3.00	1	Decreasing
PTX08-1008	CA	11/14/1995	5/25/2016	19	19	No	0.3696	51.00	0.96	Increasing	4	4	No	0.112338	6.00	0.958	Increasing	4	4	No	0.11233759	6.00	0.958	Increasing
PTX08-1008	FE	11/14/1995	11/14/2016	40	30	No	0.794	282.00	1	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	16	15	No	0.56455938	-26.00	1	Decreasing
PTX08-1008	K	11/14/1995	5/25/2016	22	22	No	0.09223	-27.00	1	Decreasing	4	4	No	0.050495	0.00	0.375	Stable	4	4	No	0.05049496	0.00	0.375	Stable
PTX08-1008	MG	11/14/1995	5/25/2016	29	29	No	0.13234	68.00	0.895	No Trend	4	4	No	0.163882	4.00	0.833	No Trend	4	4	No	0.16388198	4.00	0.833	No Trend
PTX08-1008	NA	11/14/1995	5/25/2016	22	22	No	0.0978	-6.00	1	Decreasing	4	4	No	0.157005	2.00	0.625	No Trend	4	4	No	0.15700519	2.00	0.625	No Trend
PTX08-1009	RDX	11/14/1995	11/14/2016	31	20	No	3.55303	-94.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	14	No	0.6976979	-35.00	1	Decreasing
PTX08-1009	HMX	11/14/1995	11/14/2016	31	10	No	1.44353	-178.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	15	10	No	1.39240955	8.00	0.633	No Trend
PTX08-1009	TNT	11/14/1995	11/14/2016	31	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	DNT24	11/14/1995	11/14/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	DNT26	11/14/1995	11/14/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	DNT2A	11/14/1995	11/14/2016	31	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	DNT4A	11/14/1995	11/14/2016	31	9	No	1.45129	-139.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	2	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1009	TNB135	11/14/1995	11/14/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	DNB13	11/14/1995	11/14/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	DIOXANE14	4/29/2004	11/14/2016	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1009	PCE	11/14/1995	11/14/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	TCE	11/14/1995	11/14/2016	34	17	No	0.70038	-248.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	15	3	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1009	DCE12C	11/14/1995	11/14/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	DCA12	11/14/1995	11/14/2016	31	2	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	TCLME	11/14/1995	11/14/2016	32	14	No	0.93301	-112.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	8	No	0.33142407	-16.00	1	Decreasing
PTX08-1009	PERC	2/22/2001	5/22/2007	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1009	B	11/14/1995	11/14/2016	31	31	No	0.14474	234.00	1	Increasing	4	4	No	0.056433	2.00	0.625	No Trend	15	15	No	0.09499855	29.00	1	Increasing
PTX08-1009	CR	11/14/1995	11/14/2016	34	32	No	2.09774	-350.00	1	Decreasing	4	4	No	0.290195	4.00	0.833	No Trend	15	13	No	0.95040481	32.00	1	Increasing
PTX08-1009	CR-6	11/14/1995	11/14/2016	33	23	No	1.95326	-312.00	1	Decreasing	4	4	No	0.220795	4.00	0.833	No Trend	15	6	No	0.73408305	37.00	1	Increasing
PTX08-1009	MN	11/14/1995	11/14/2016	32	19	No	1.9278	182.00	0.999	Increasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	15	8	No	1.61088583	-32.00	1	Decreasing
PTX08-1009	NI	11/14/1995	11/14/2016	32	27	No	1.28155	-293.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	13	No	0.81503956	-38.00	1	Decreasing
PTX08-1009	MO	11/14/1995	11/14/2016	33	29	No	0.72005	75.00	0.873	No Trend	4	4	No	0.091967	0.00	0.375	Stable	15	15	No	0.0671467	-35.00	1	Decreasing
PTX08-1009	AL	11/14/1995	5/25/2016	22	4	No	0.81589	-46.00	1	Decreasing	4	1	No	0	0.00	0	A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX08-1009	AS	11/14/1995	11/14/2016	18	10	No	0.52809	-3.00	1	Decreasing	4	4	No	0.278302	4.00	0.833	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX08-1009	BA	11/14/1995	11/14/2016	24	23	No	0.14627	75.00	0.967	Increasing	4	4	No	0.109092	6.00	0.958	Increasing	6	6	No	0.08657767	7.00	0.864	No Trend
PTX08-1009	CA	11/14/1995	5/25/2016	15	15	No	0.11584	9.00	0.651	No Trend	4	4	No	0.13188	4.00	0.833	No Trend	4	4	No	0.13187999	4.00	0.833	No Trend
PTX08-1009	FE	11/14/1995	11/14/2016	33	28	No	0.94469	109.00	0.9525	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	15	13	No	0.85685244	-48.00	1	Decreasing
PTX08-1009	K	11/14/1995	5/25/2016	18	18	No	0.1072	-8.00	1	Decreasing	4	4	No	0.049061	2.00	0.625	No Trend	4	4	No	0.04906143	2.00	0.625	No Trend
PTX08-1009	MG	11/14/1995	5/25/2016	21	21	No	0.11591	45.00	1	Increasing	4	4	No	0.141626	4.00	0.833	No Trend	4	4	No	0.1416262	4.00	0.833	No Trend
PTX08-1009	NA	11/14/1995	5/25/2016	18	18	No	0.09267	29.00	0.853	No Trend	4	4	No	0.095672	2.00	0.625	No Trend	4	4	No	0.09567196	2.00	0.625	No Trend
PTX08-1010	RDX	11/1/1995	7/25/2016	27	4	No	0.49933	-107.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	HMX	11/1/1995	7/25/2016	29	16	No	1.45904	-239.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	TNT	11/1/1995	7/25/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	DNT24	11/1/1995	7/25/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	DNT26	11/1/1995	7/25/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	DNT2A	11/1/1995	7/25/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	DNT4A	11/1/1995	7/25/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	TNB135	11/1/1995	7/25/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	DNB13	11/1/1995	7/25/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	DIOXANE14	8/9/2005	7/25/2016	7	1	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	PCE	11/1/1995	7/25/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	TCE	11/1/1995	7/25/2016	26	3	No	0	0.00	0	A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	DCE12C	11/1/1995	7/25/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	DCA12	11/1/1995	7/25/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	TCLME	11/1/1995	7/25/2016	21	6	No	0.73724	-15.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	PERC	5/8/2000	1/22/2009	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	B	11/1/1995	7/25/2016	23	23	No	0.13836	-66.00	1	Decreasing	4	4	No	0.241244	2.00	0.625	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	CR	11/1/1995	7/25/2016	25	19	No	0.71984	28.00	0.734	No Trend	4	1	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	CR-6	11/1/1995	7/25/2016	27	7	No	0.55328	35.00	0.759	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	MN	11/1/1995	7/25/2016	25	11	No	0.64185	67.00	0.938	Probably Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	NI	11/1/1995	7/25/2016	24	18	No	1.19103	-37.00	1	Decreasing	4	4	No	0.294747	1.00	0.5	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	MO	11/1/1995	1/22/2009	22	18	No	0.54278	-28.00	1	Decreasing	4	4	No	0.309311	1.00	0.5	No Trend	0	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	AL	11/1/1995	7/25/2016	25	13	No	1.51969	-35.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	AS	11/1/1995	7/25/2016	23	7	No	0.54514	38.00	0.8335	No Trend	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	BA	11/1/1995	7/25/2016	25	25	No	0.37911	193.00	1	Increasing	4	4	No	0.335328	-4.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	CA	11/1/1995	7/25/2016	13	13	No	0.2808	14.00	1	Increasing	4	4	No	0.224102	4.00	0.833	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase

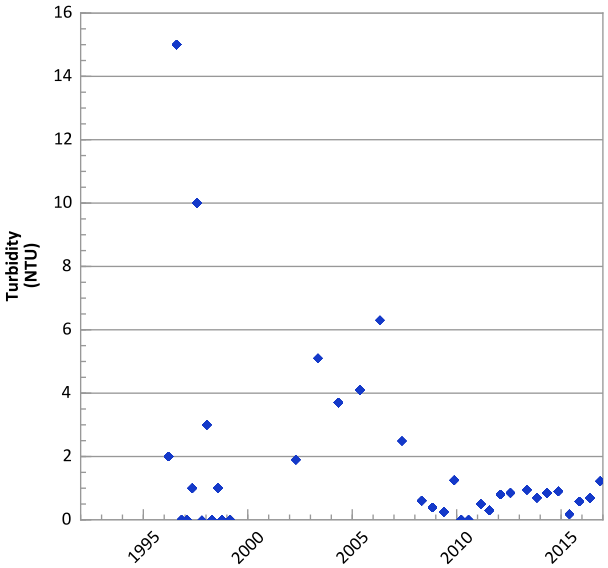
Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start of Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX08-1010	FE	11/1/1995	7/25/2016	24	15	No	1.22041	96.00	0.991	Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	2	1	No	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	K	11/1/1995	7/25/2016	16	16	No	0.13119	3.00	0.5355	No Trend	4	4	No	0.085953	-2.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	MG	11/1/1995	7/25/2016	25	25	No	0.16214	81.00	0.9695	Increasing	4	4	No	0.101702	-4.00	1	Decreasing	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX08-1010	NA	11/1/1995	7/25/2016	16	16	No	0.24121	-26.00	1	Decreasing	4	4	No	0.081465	3.00	0.729	No Trend	2	2	No	0	0.00	0	/A (<4 Samples in Datase
PTX10-1014	RDX	11/28/1995	5/24/2016	15	12	No	1.45843	10.00	0.669	No Trend	4	4	No	0.393014	0.00	0.375	Stable	7	7	No	0.37579272	3.00	0.614	No Trend
PTX10-1014	HMX	11/28/1995	5/24/2016	15	8	No	1.59938	-53.00	1	Decreasing	4	4	No	0.177005	4.00	0.833	No Trend	7	6	No	0.2109817	1.00	0.5	No Trend
PTX10-1014	TNT	11/28/1995	5/24/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	DNT24	7/7/1992	5/24/2016	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	DNT26	11/28/1995	5/24/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	DNT2A	11/28/1995	5/24/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	DNT4A	11/28/1995	5/24/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	TNB135	11/28/1995	5/24/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	DNB13	11/28/1995	5/24/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	DIOXANE14	5/23/2002	5/24/2016	8	2	No	0	0.00	0	A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas	7	2	No	0	0.00	0	A (<4 Detections in Datas
PTX10-1014	PCE	7/7/1992	5/24/2016	18	7	No	1.44898	-17.00	1	Decreasing	4	4	No	0.623577	-6.00	1	Decreasing	7	7	No	0.44268065	-13.00	1	Decreasing
PTX10-1014	TCE	7/7/1992	5/24/2016	18	17	No	0.52538	-17.00	1	Decreasing	4	4	No	0.497714	2.00	0.625	No Trend	7	7	No	0.50131628	-7.00	1	Decreasing
PTX10-1014	DCE12C	11/28/1995	5/24/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	DCA12	7/7/1992	5/24/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	TCLME	7/7/1992	5/24/2016	18	6	No	1.67691	-25.00	1	Decreasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	7	6	No	0.38703342	-11.00	1	Decreasing
PTX10-1014	PERC	7/31/2000	5/24/2016	11	8	No	0.71403	-36.00	1	Decreasing	4	2	No	0	0.00	0	A (<4 Detections in Datas	7	4	No	0.15605237	-2.00	1	Decreasing
PTX10-1014	B	11/28/1995	5/24/2016	18	18	No	0.67334	67.00	0.995	Increasing	4	4	No	0.324574	6.00	0.958	Increasing	7	7	No	0.28374131	9.00	0.881	No Trend
PTX10-1014	CR	7/7/1992	5/24/2016	19	17	No	1.4994	-39.00	1	Decreasing	4	4	No	0.870808	6.00	0.958	Increasing	7	6	No	1.18046592	15.00	0.985	Increasing
PTX10-1014	CR-6	11/28/1995	5/24/2016	16	4	No	1.1163	35.00	0.936	Probably Increasing	4	3	No	0	0.00	0	A (<4 Detections in Datas	7	3	No	0	0.00	0	A (<4 Detections in Datas
PTX10-1014	MN	11/28/1995	5/24/2016	18	18	No	1.15108	-16.00	1	Decreasing	4	4	No	1.729502	0.00	0.375	No Trend	7	7	No	1.07108198	-7.00	1	Decreasing
PTX10-1014	NI	11/28/1995	5/24/2016	18	18	No	0.53808	-21.00	1	Decreasing	4	4	No	1.598501	-4.00	1	Decreasing	7	7	No	0.96998291	-9.00	1	Decreasing
PTX10-1014	MO	11/28/1995	5/24/2016	18	18	No	0.80862	-57.00	1	Decreasing	4	4	No	0.338869	-4.00	1	Decreasing	7	7	No	0.24955668	-9.00	1	Decreasing
PTX10-1014	AL	11/28/1995	5/24/2016	15	6	No	0.87933	-17.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	AS	7/7/1992	5/24/2016	14	10	No	3.18656	5.00	0.585	No Trend	4	2	No	0	0.00	0	A (<4 Detections in Datas	2	0	Yes	0	0.00	0	/A (<4 Samples in Datase
PTX10-1014	BA	7/7/1992	5/24/2016	17	17	No	0.32458	-41.00	1	Decreasing	4	4	No	0.109947	0.00	0.375	Stable	5	5	No	0.13290099	-4.00	1	Decreasing
PTX10-1014	CA	11/28/1995	5/24/2016	13	13	No	0.06909	38.00	0.989	Increasing	4	4	No	0.065889	0.00	0.375	Stable	4	4	No	0.0658892	0.00	0.375	Stable
PTX10-1014	FE	11/28/1995	5/24/2016	18	18	No	1.28094	-49.00	1	Decreasing	4	4	No	0.908108	0.00	0.375	Stable	7	7	No	0.96238195	5.00	0.719	No Trend
PTX10-1014	K	11/28/1995	5/24/2016	13	13	No	0.10165	-25.00	1	Decreasing	4	4	No	0.055715	0.00	0.375	Stable	4	4	No	0.05571531	0.00	0.375	Stable
PTX10-1014	MG	11/28/1995	5/24/2016	15	15	No	0.10361	56.00	1	Increasing	4	4	No	0.140848	0.00	0.375	Stable	4	4	No	0.14084766	0.00	0.375	Stable
PTX10-1014	NA	11/28/1995	5/24/2016	13	13	No	0.07862	31.00	0.9665	Increasing	4	4	No	0.100719	2.00	0.625	No Trend	4	4	No	0.1007194	2.00	0.625	No Trend

1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



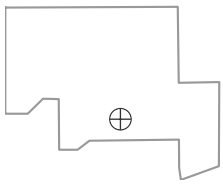






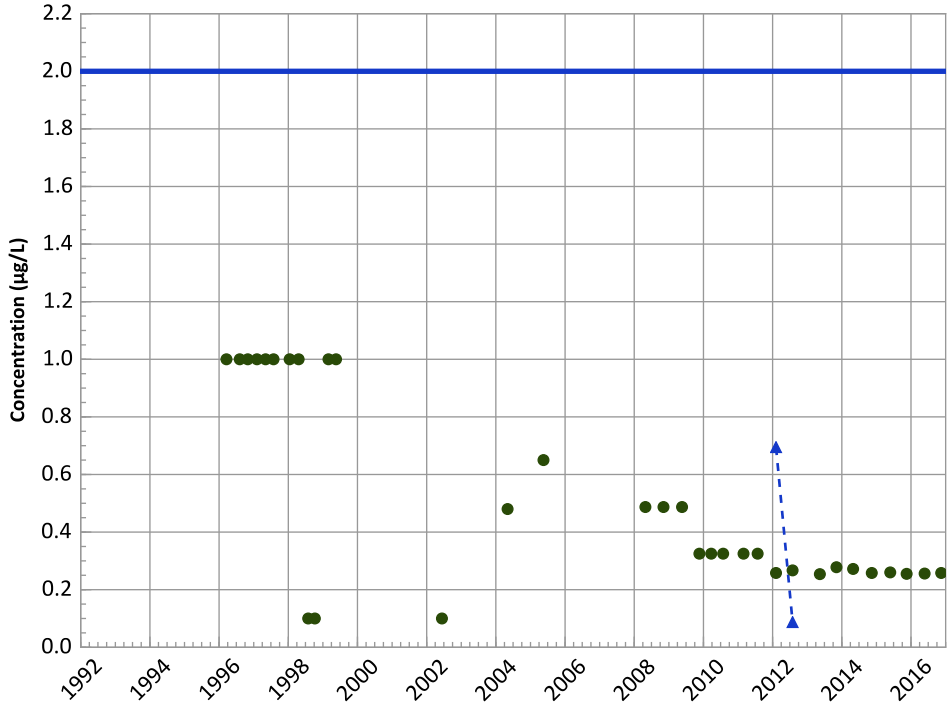
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/19/1996 to 11/15/2016
Analysis Date: 03/07/2017

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

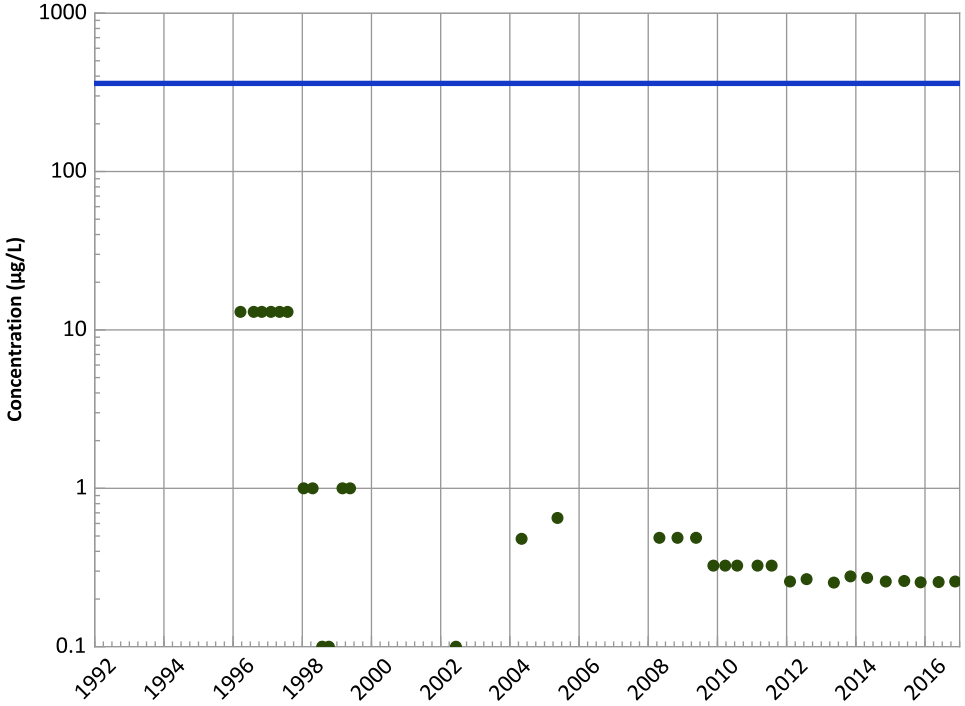


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

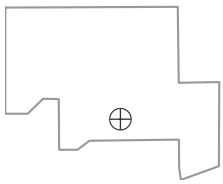
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/19/1996 to 11/15/2016
Analysis Date: 03/07/2017

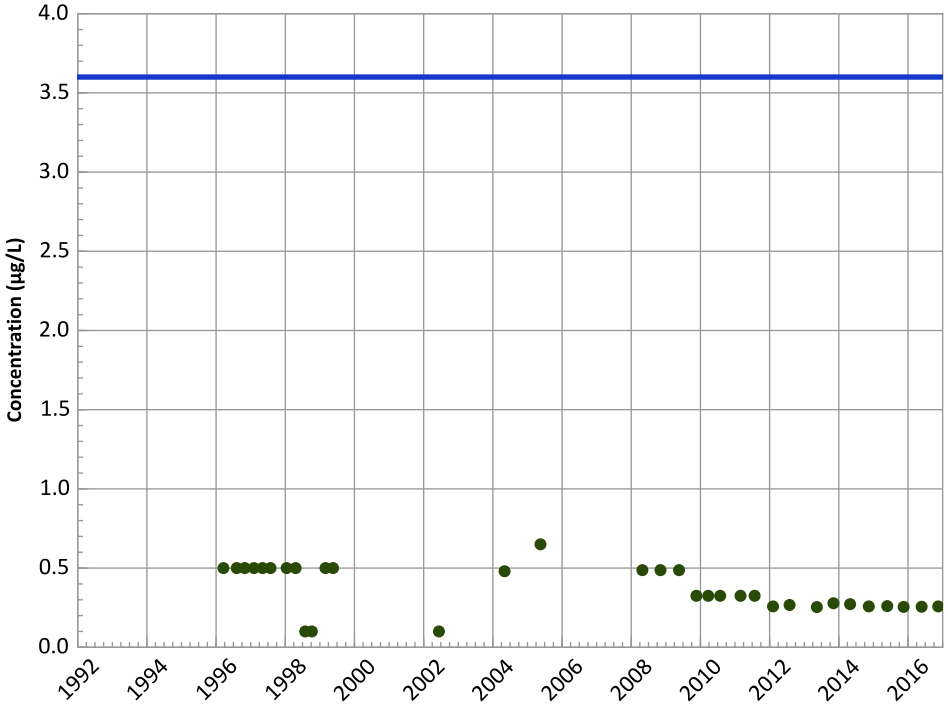
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

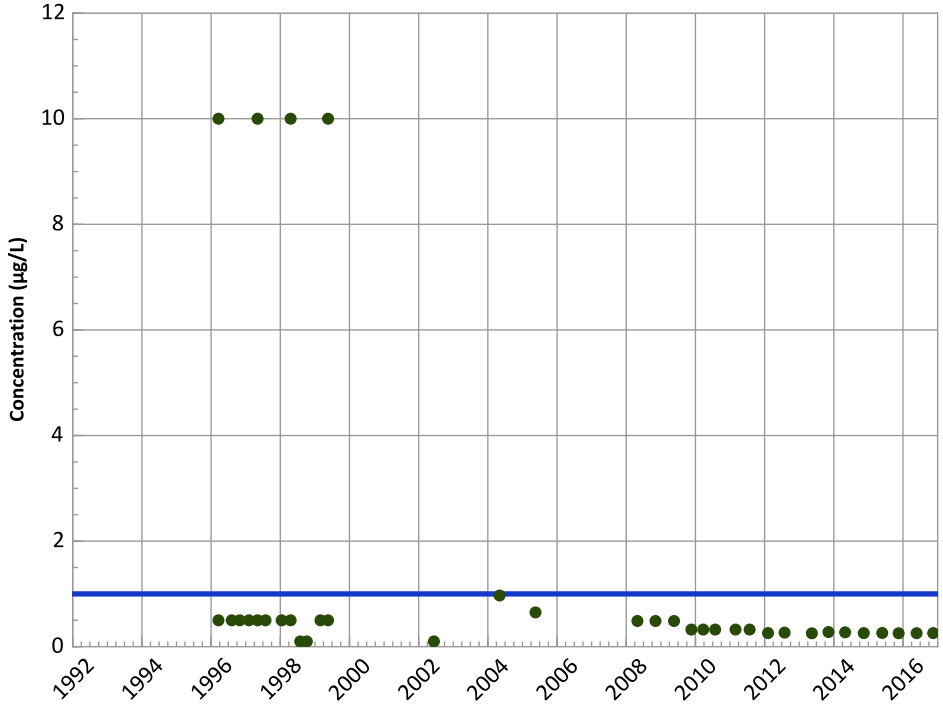


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

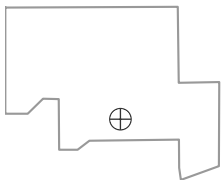
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/19/1996 to 11/15/2016
Analysis Date: 03/07/2017

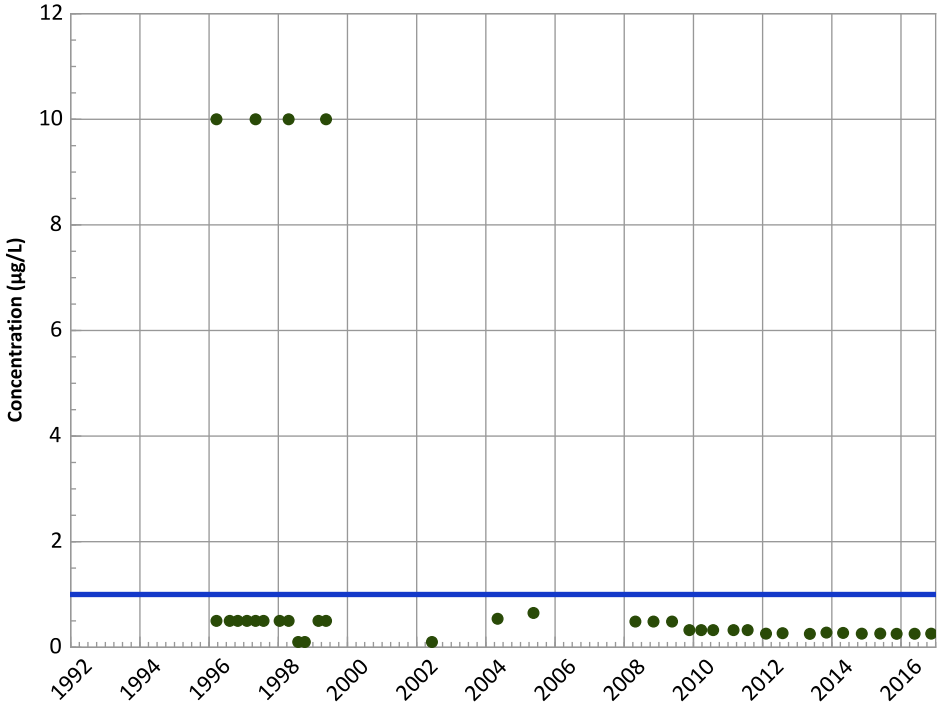
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

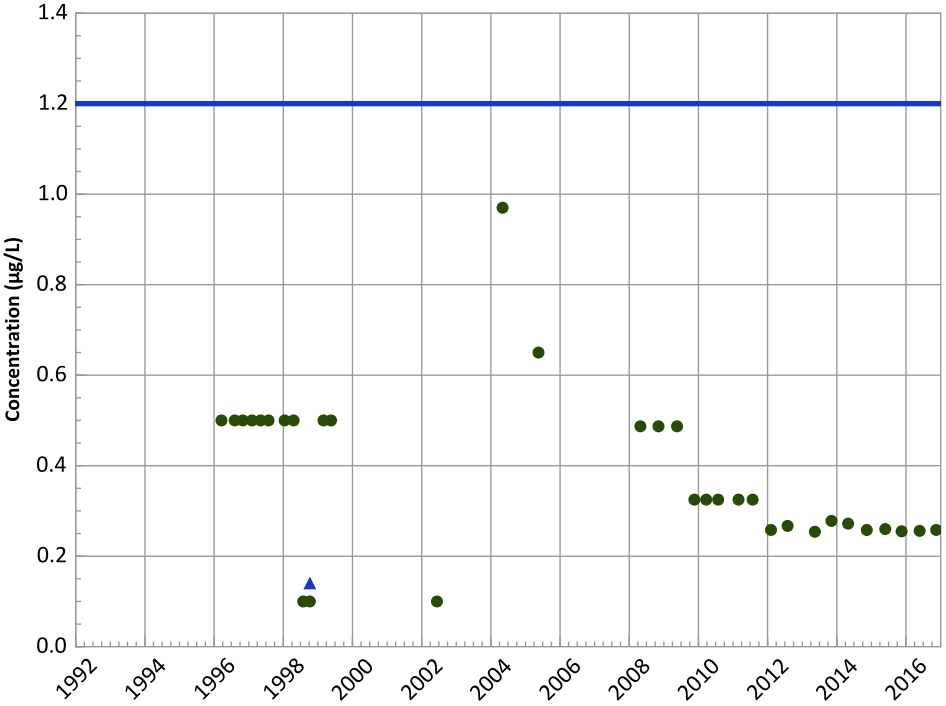


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

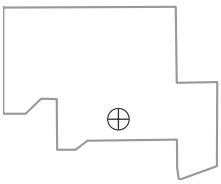
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/19/1996 to 11/15/2016
Analysis Date: 03/07/2017

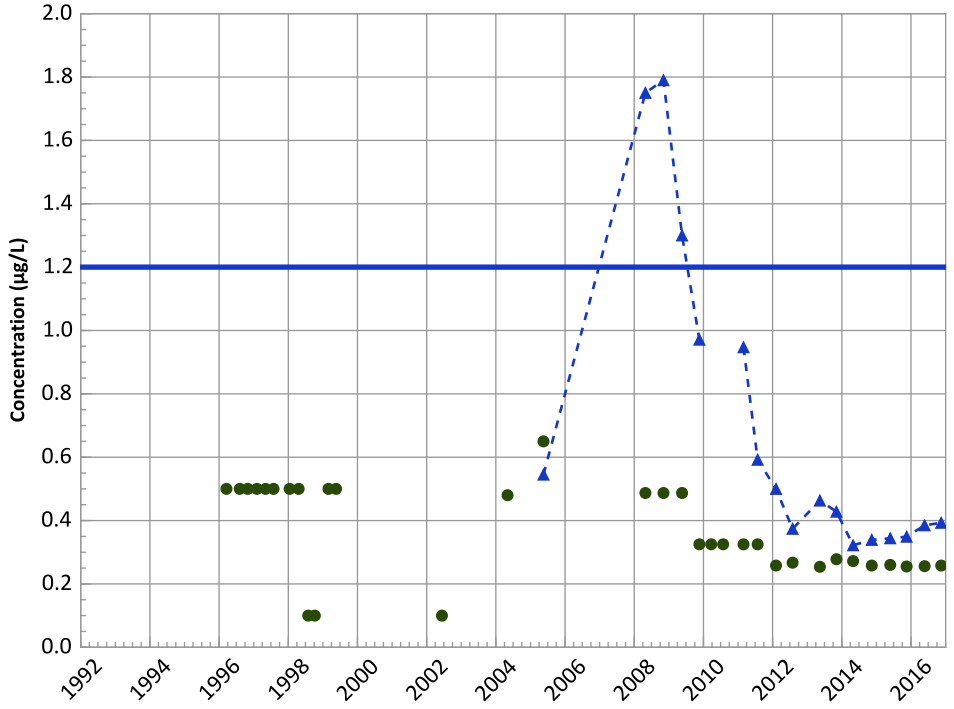
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

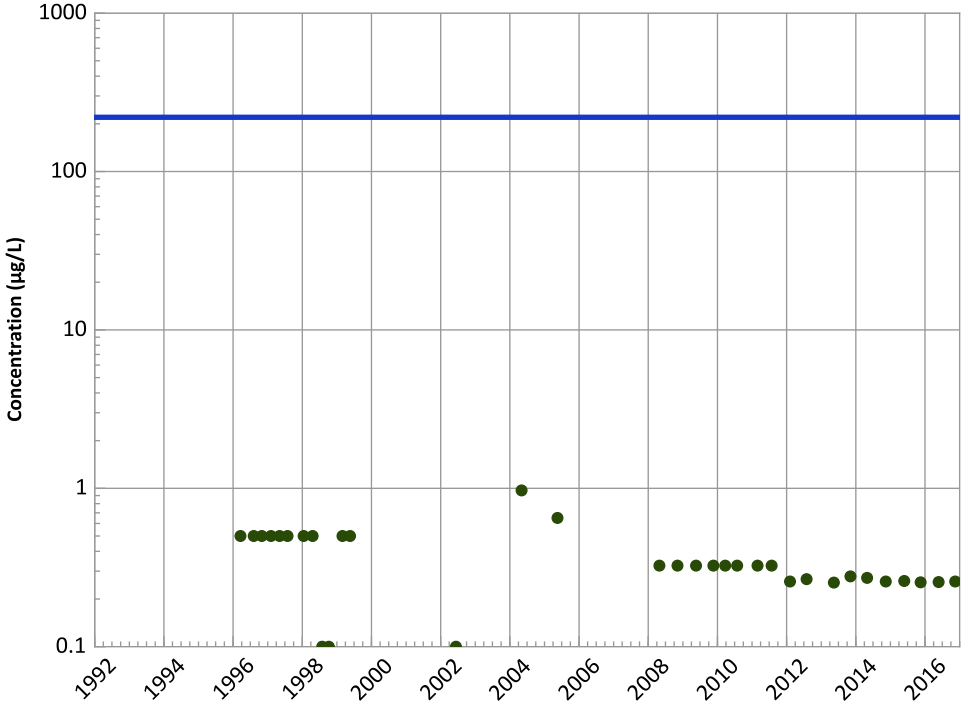


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

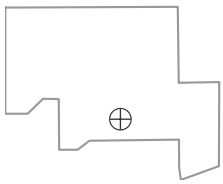
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/19/1996 to 11/15/2016
Analysis Date: 03/07/2017

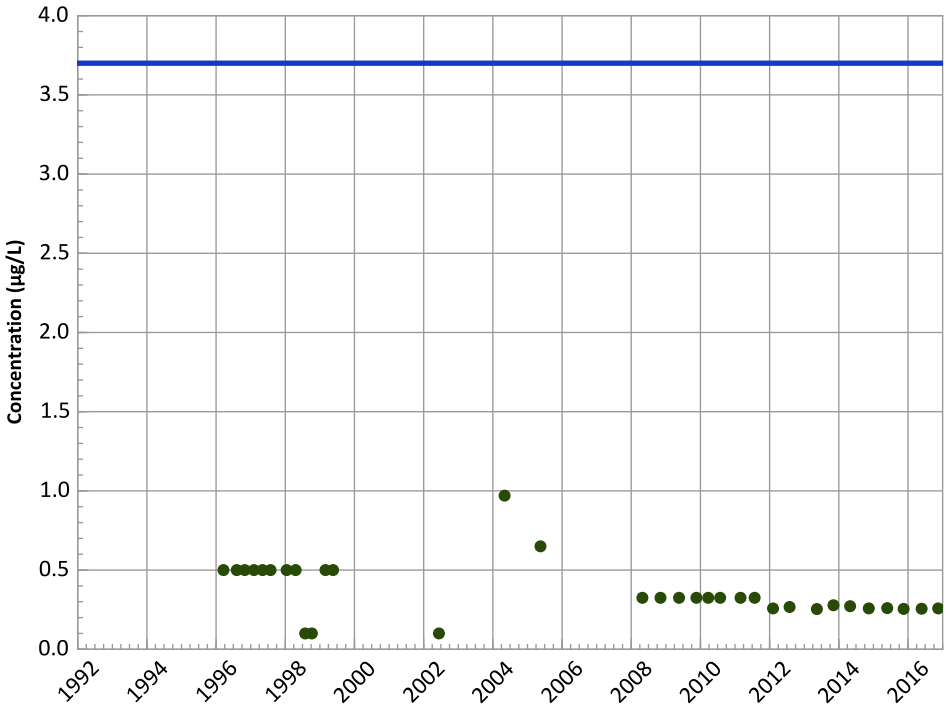
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

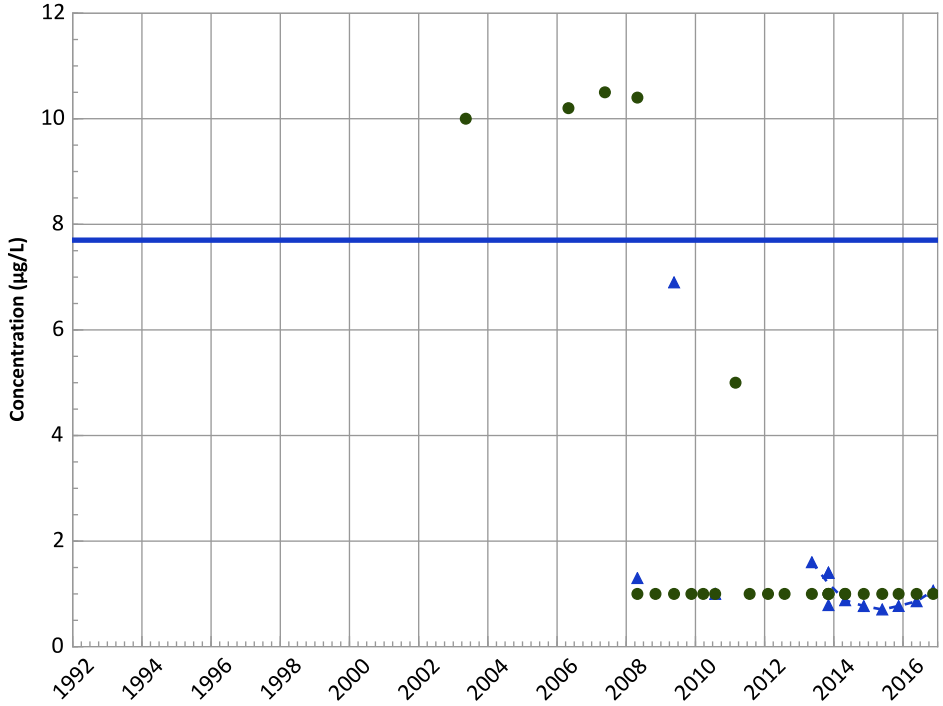


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

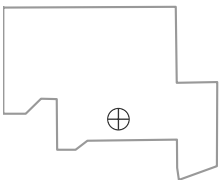
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/19/1996 to 11/15/2016
Analysis Date: 03/07/2017

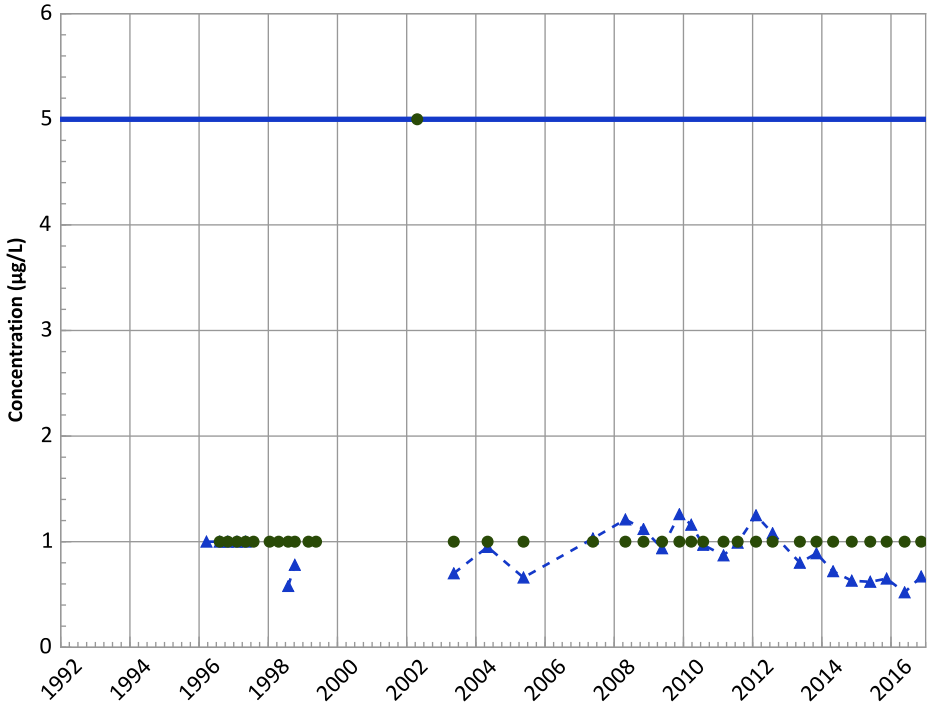
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

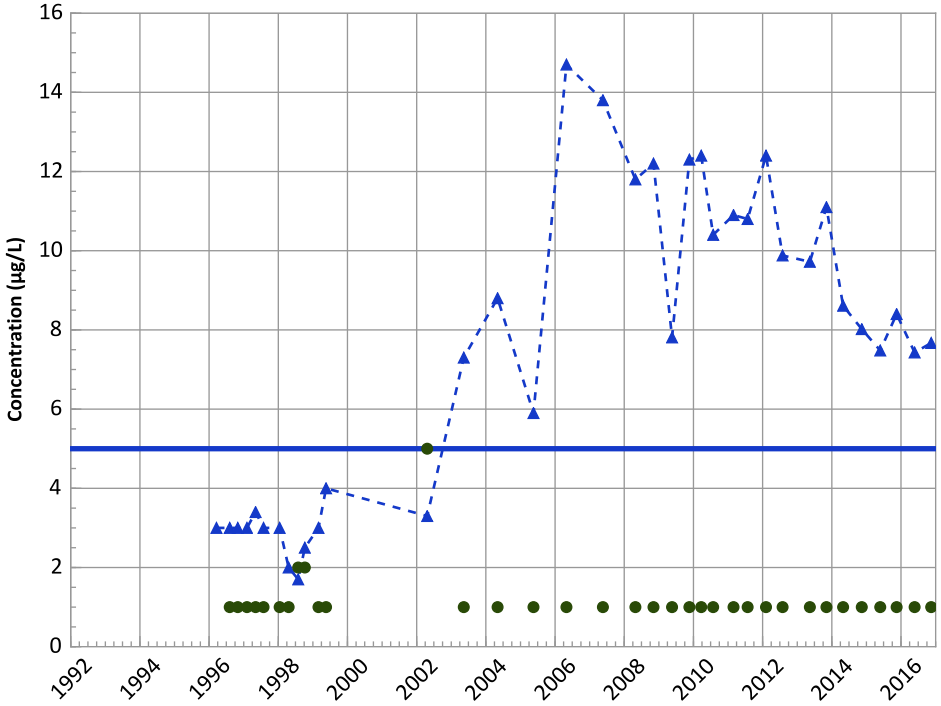


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Decreasing

Trichloroethene Trend



Concentration Trend

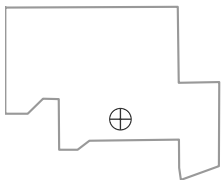
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/19/1996 to 11/15/2016
Analysis Date: 03/07/2017

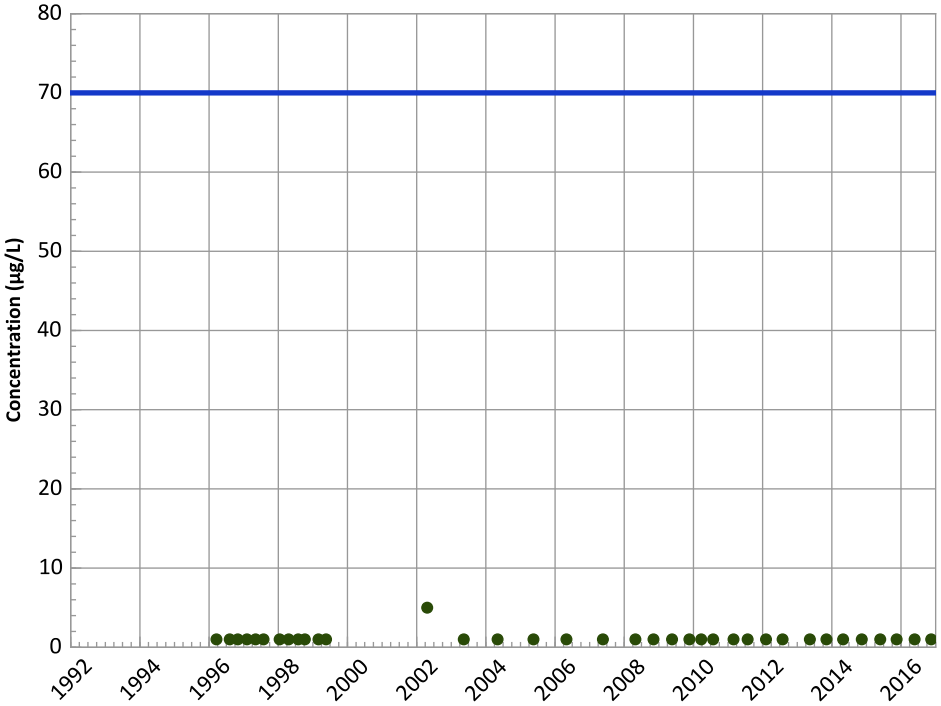
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

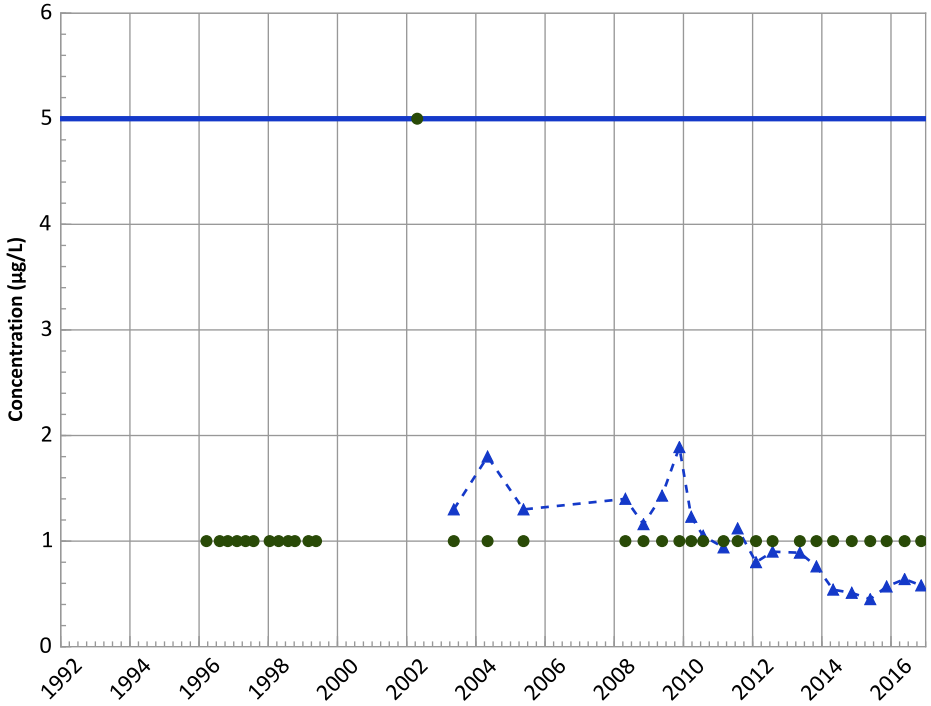


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

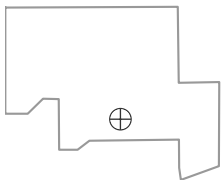
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/19/1996 to 11/15/2016
Analysis Date: 03/07/2017

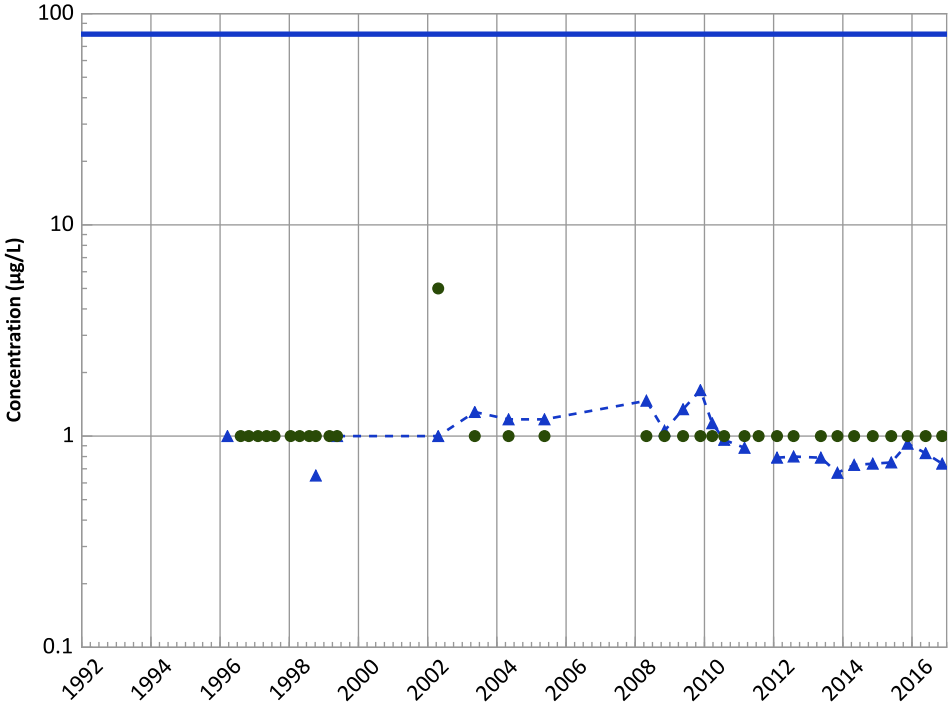
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

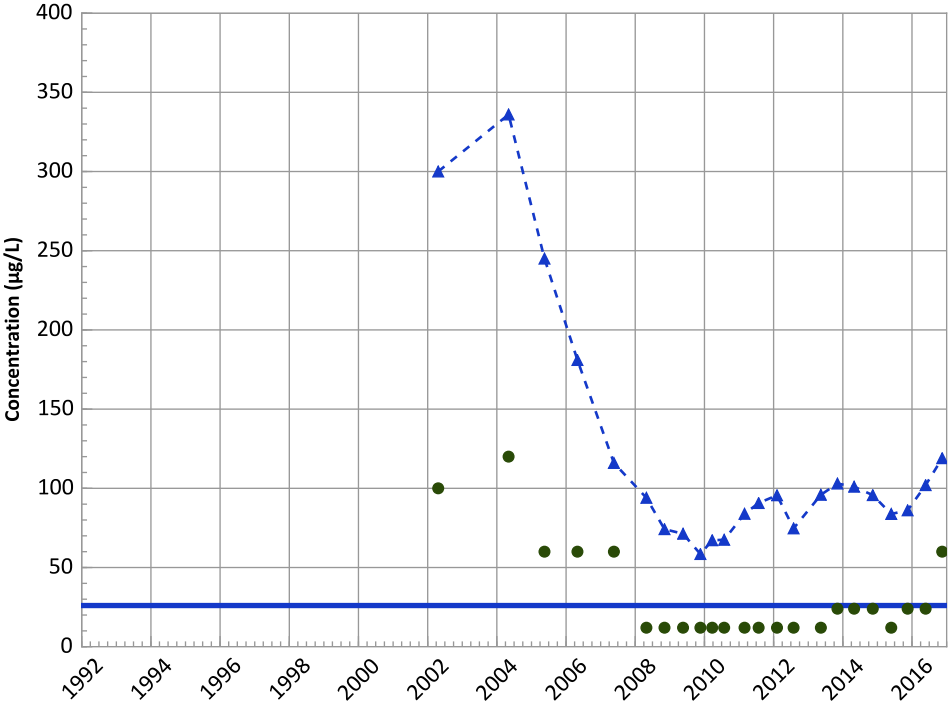


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Perchlorate Trend



Concentration Trend

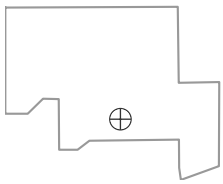
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/19/1996 to 11/15/2016
Analysis Date: 03/07/2017

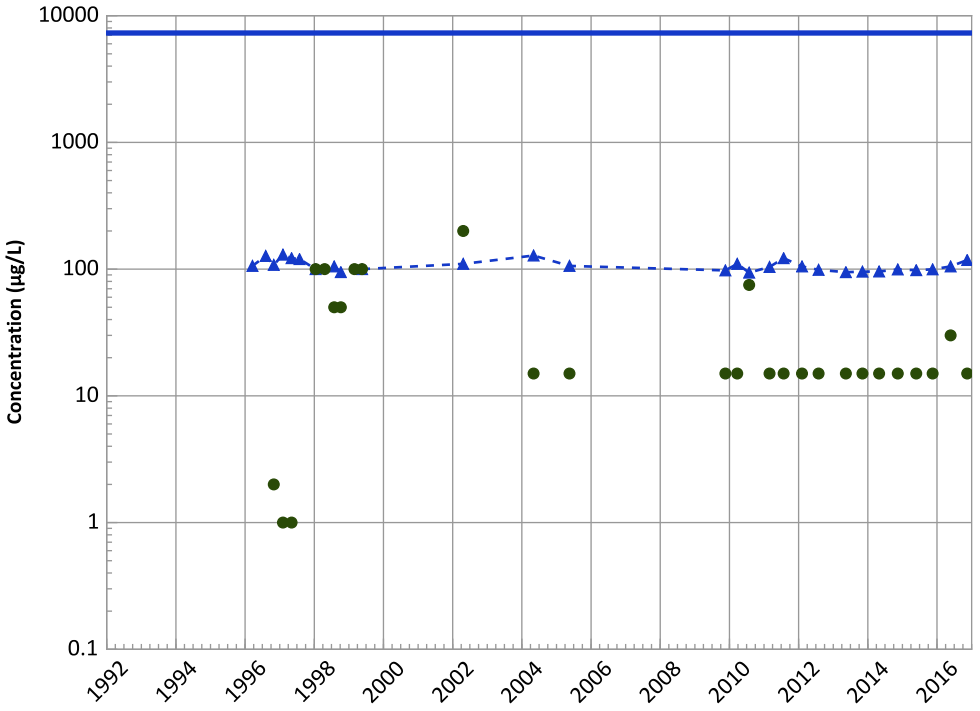
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

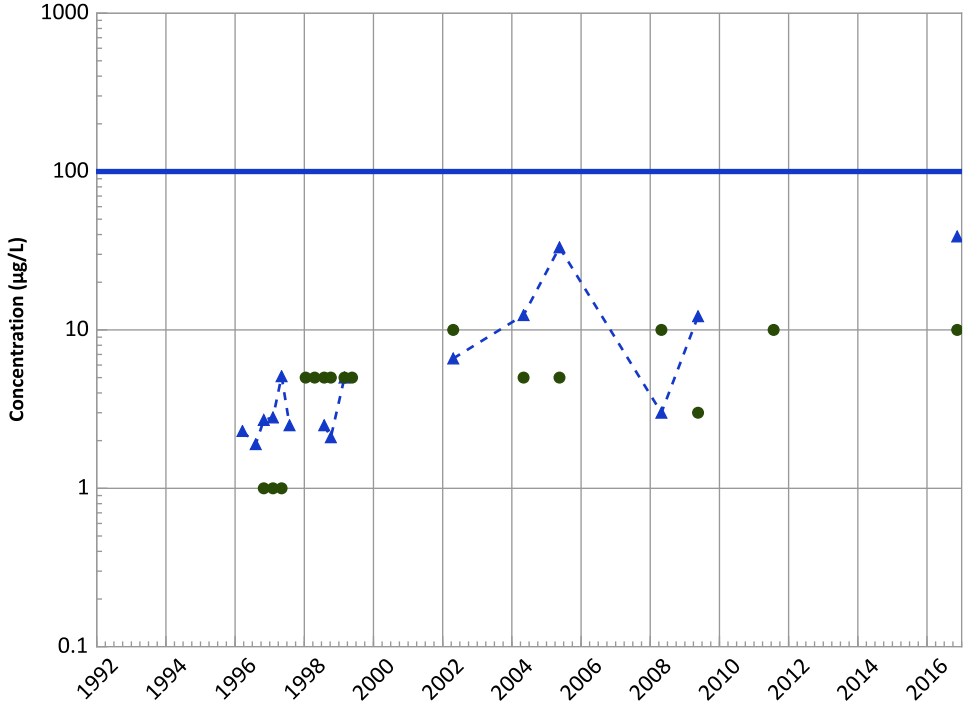


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

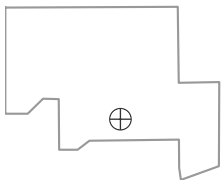
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/19/1996 to 11/15/2016
Analysis Date: 03/07/2017

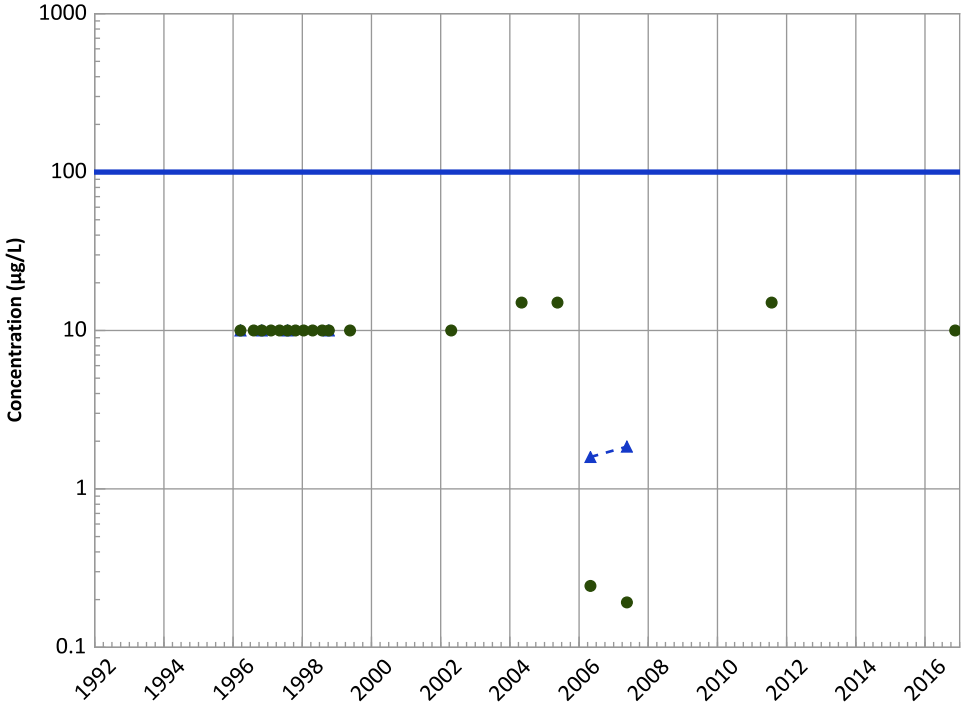
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

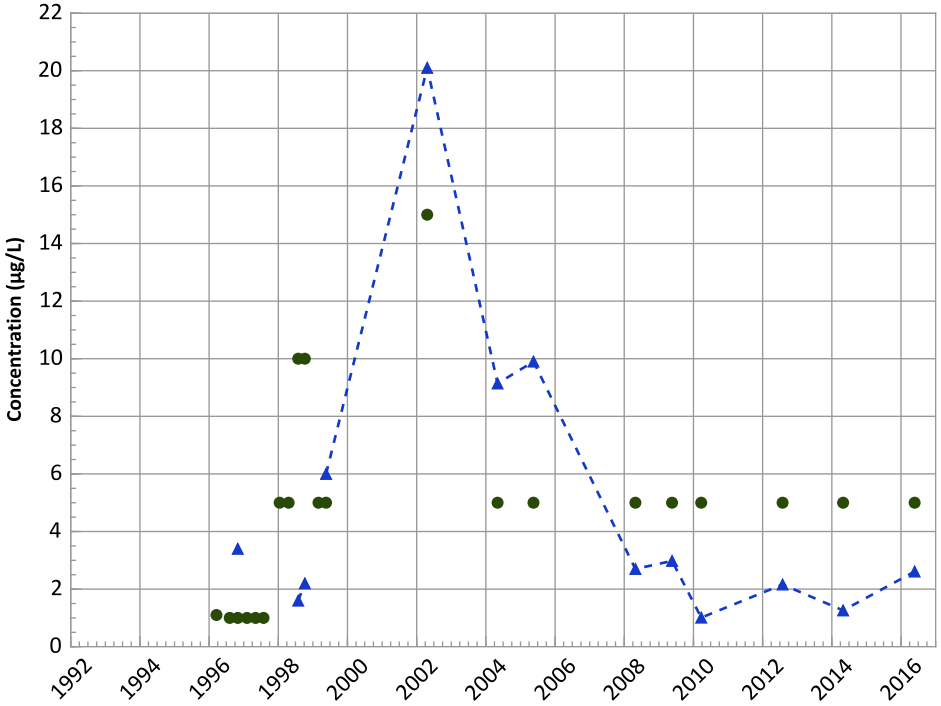


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Manganese Trend



Concentration Trend

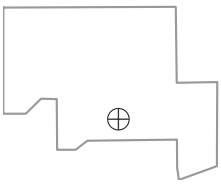
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/19/1996 to 11/15/2016
Analysis Date: 03/07/2017

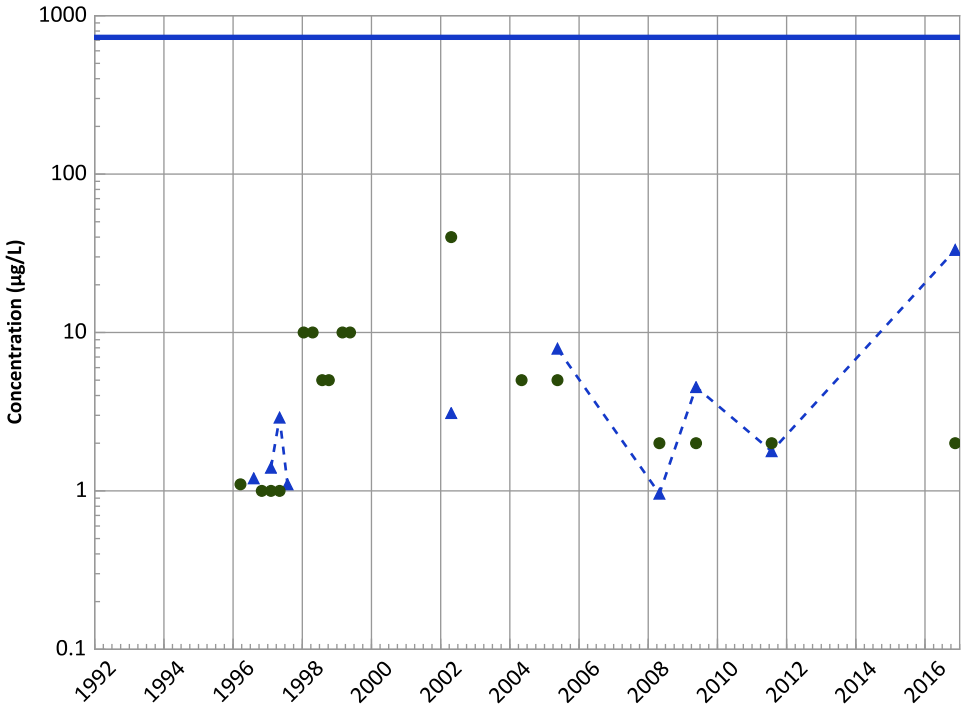
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

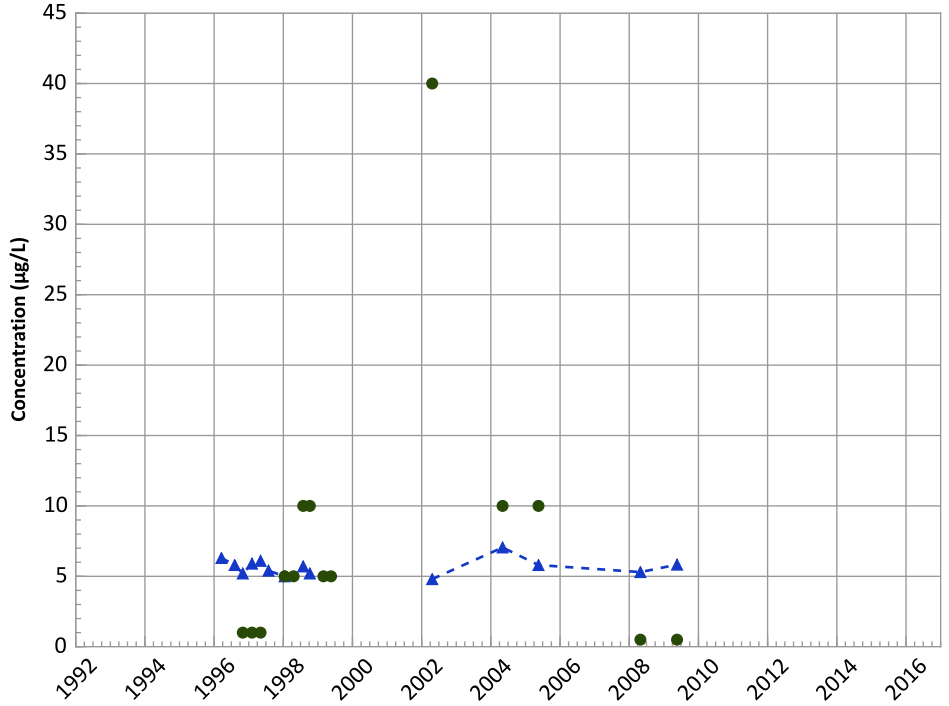


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Molybdenum Trend



Concentration Trend

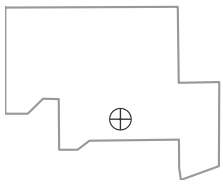
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/19/1996 to 11/15/2016
Analysis Date: 03/07/2017

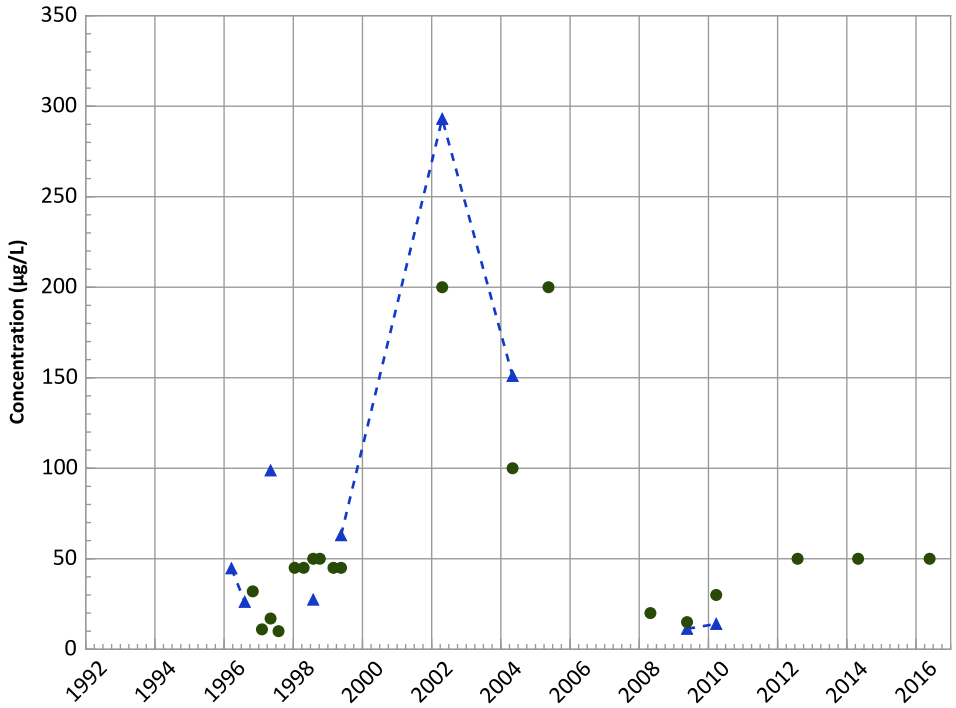
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

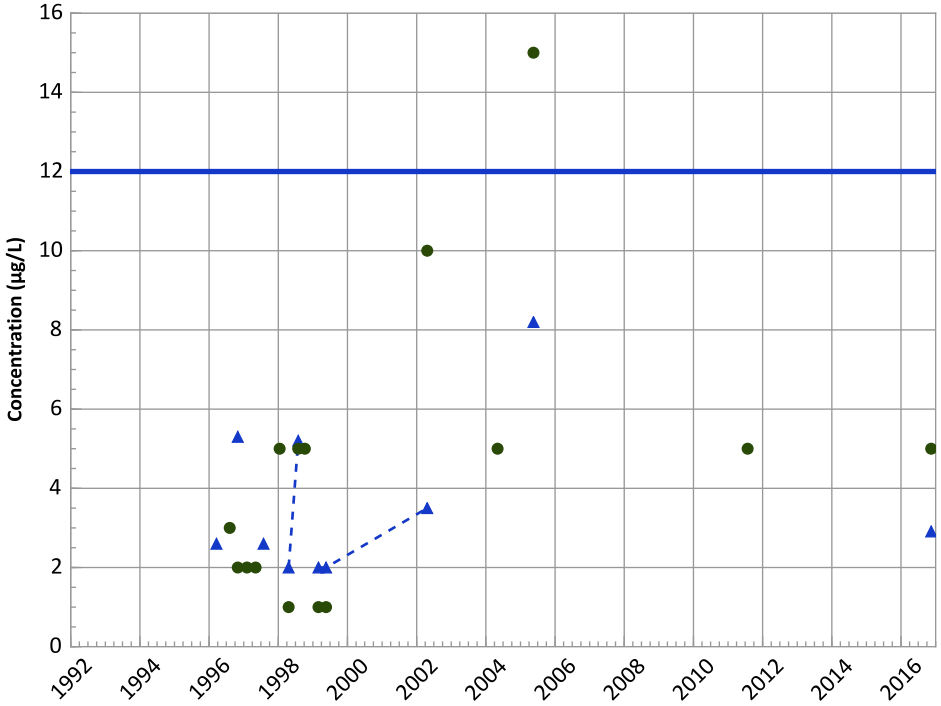


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Arsenic Trend



Concentration Trend

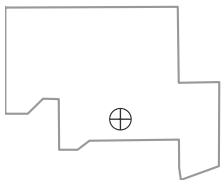
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/19/1996 to 11/15/2016
Analysis Date: 03/07/2017

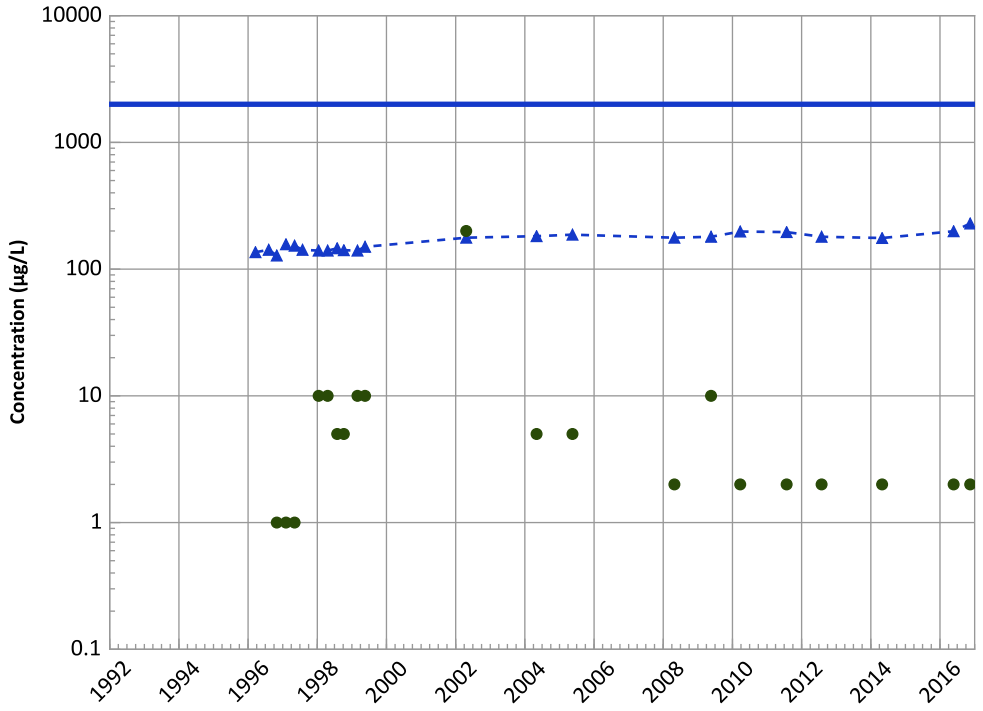
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

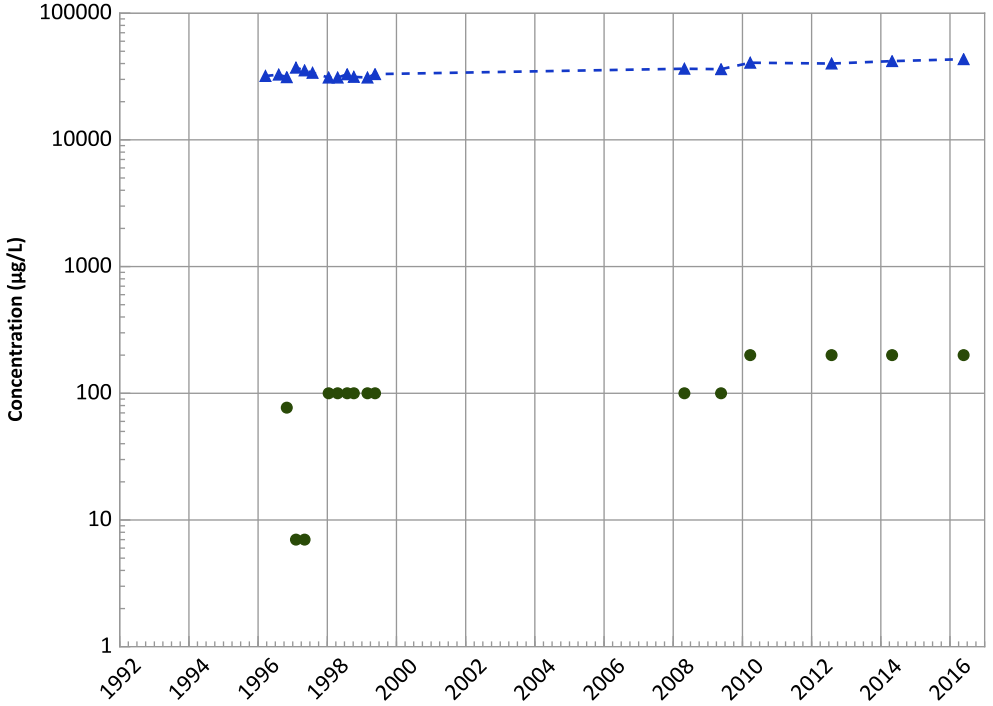


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Calcium Trend



Concentration Trend

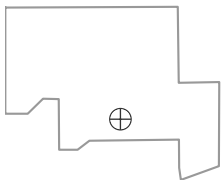
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/19/1996 to 11/15/2016
Analysis Date: 03/07/2017

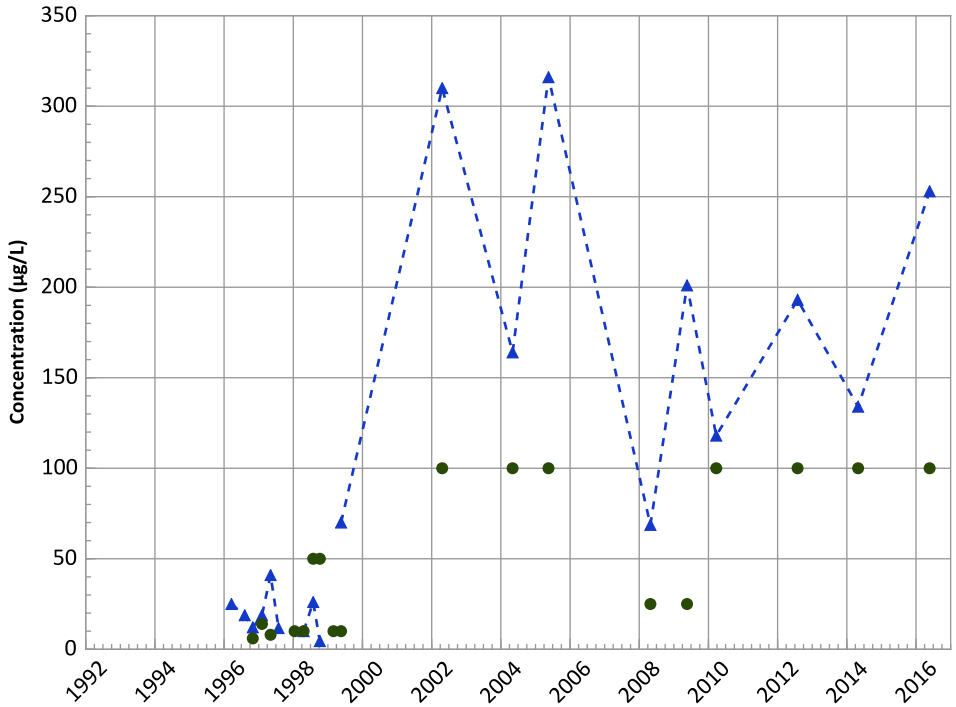
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

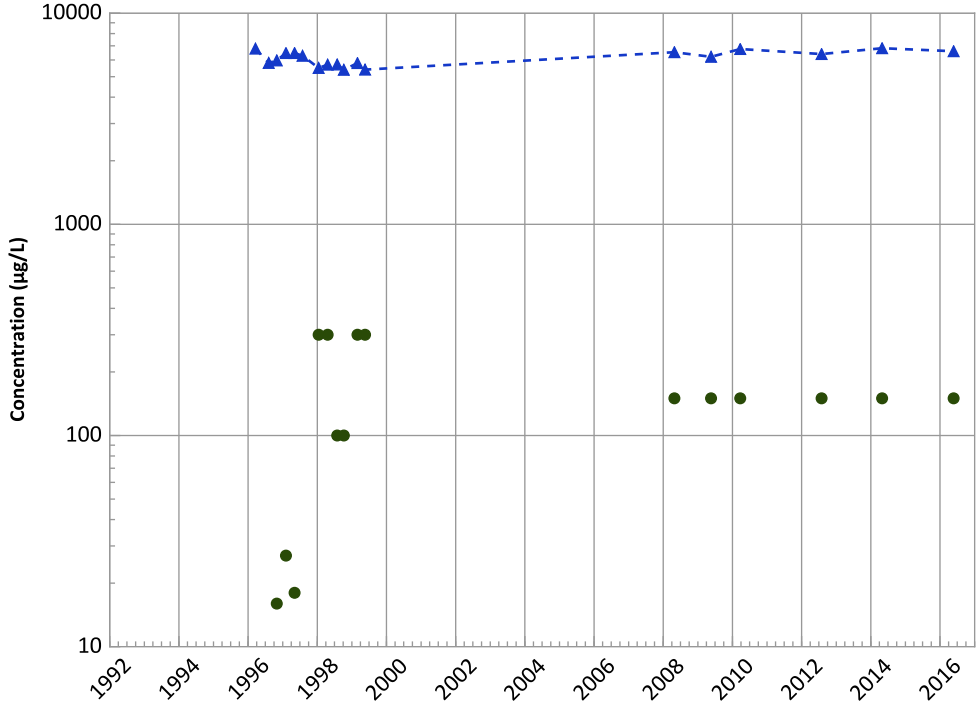


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Potassium Trend



Concentration Trend

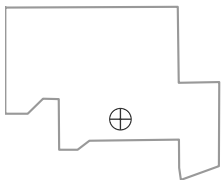
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/19/1996 to 11/15/2016
Analysis Date: 03/07/2017

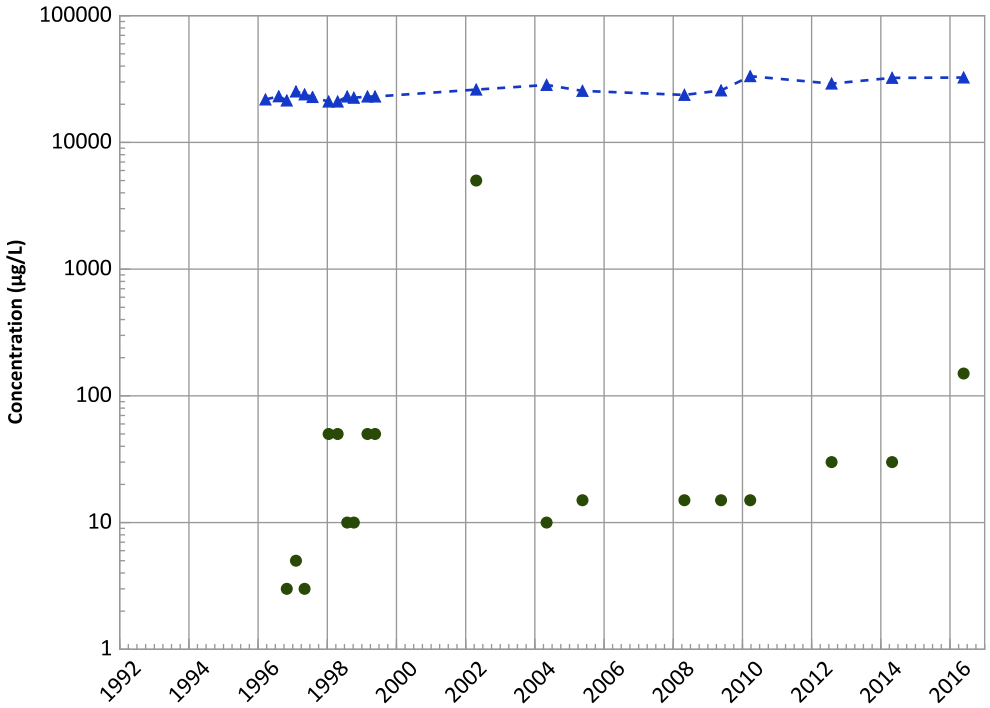
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

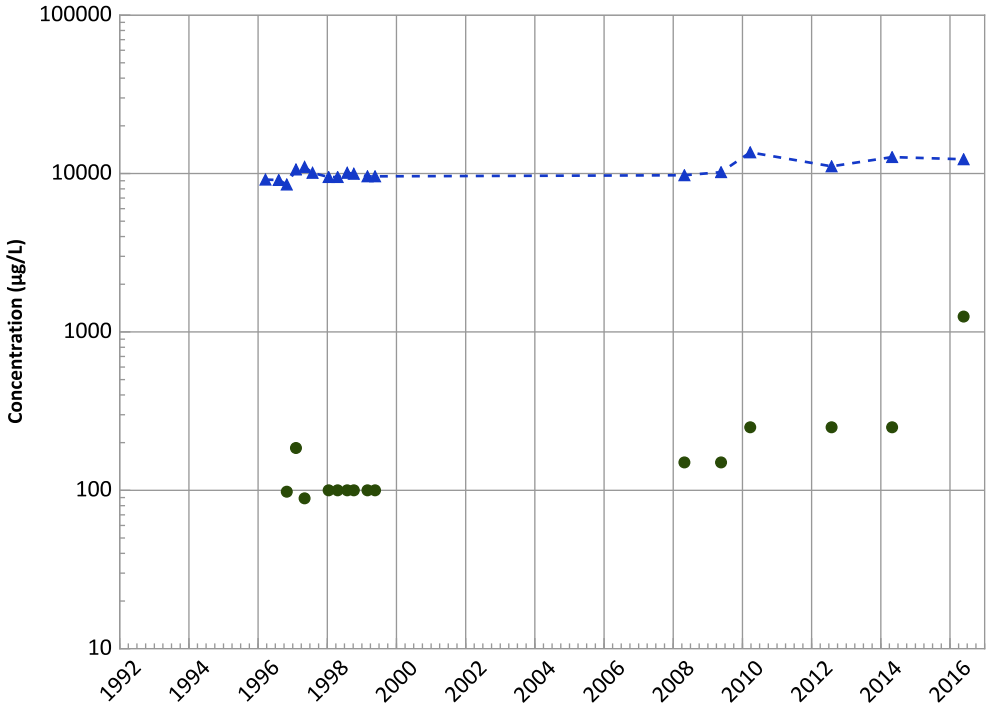


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Sodium Trend



Concentration Trend

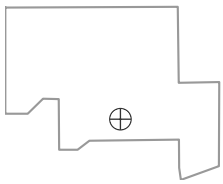
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

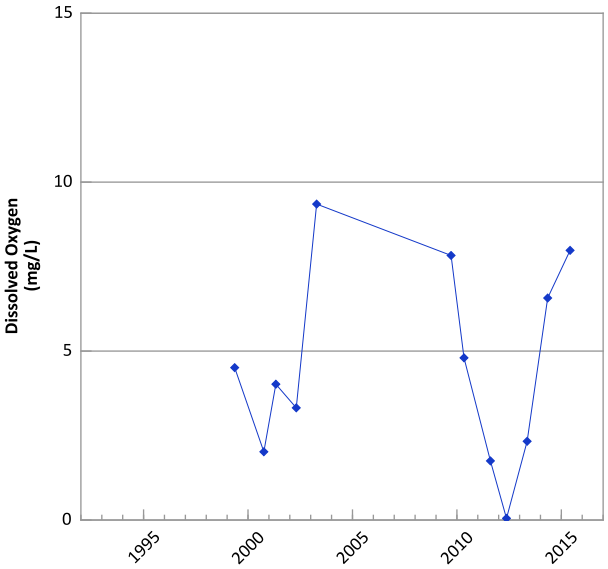
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/19/1996 to 11/15/2016
Analysis Date: 03/07/2017

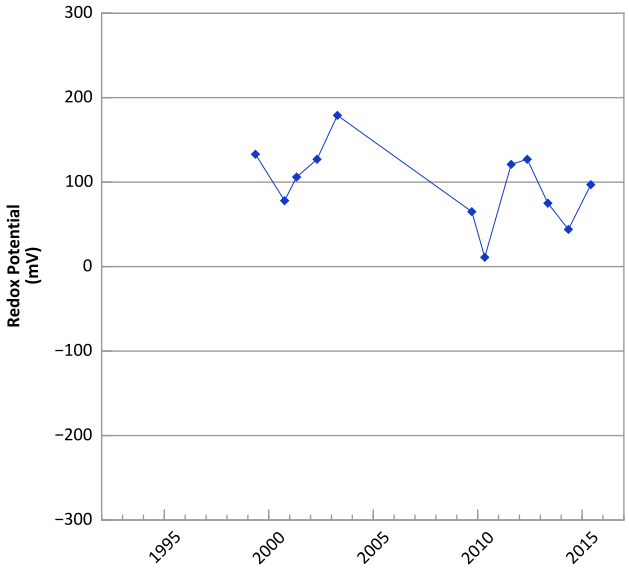
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

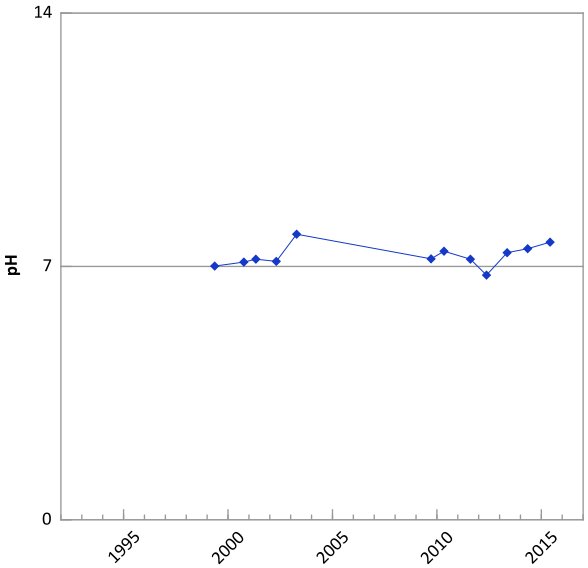
Well Location

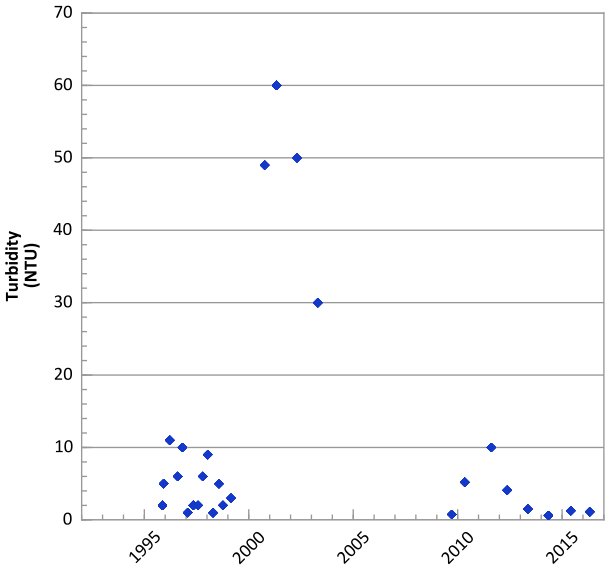


OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



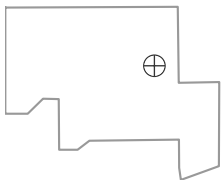






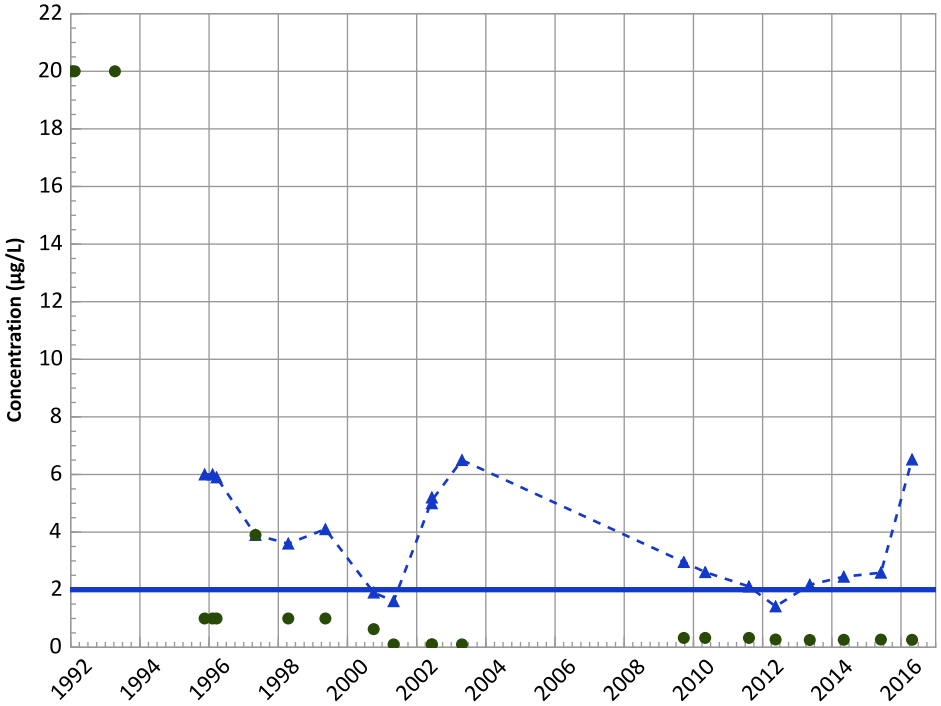
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/16/1992 to 04/27/2016
Analysis Date: 03/07/2017

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

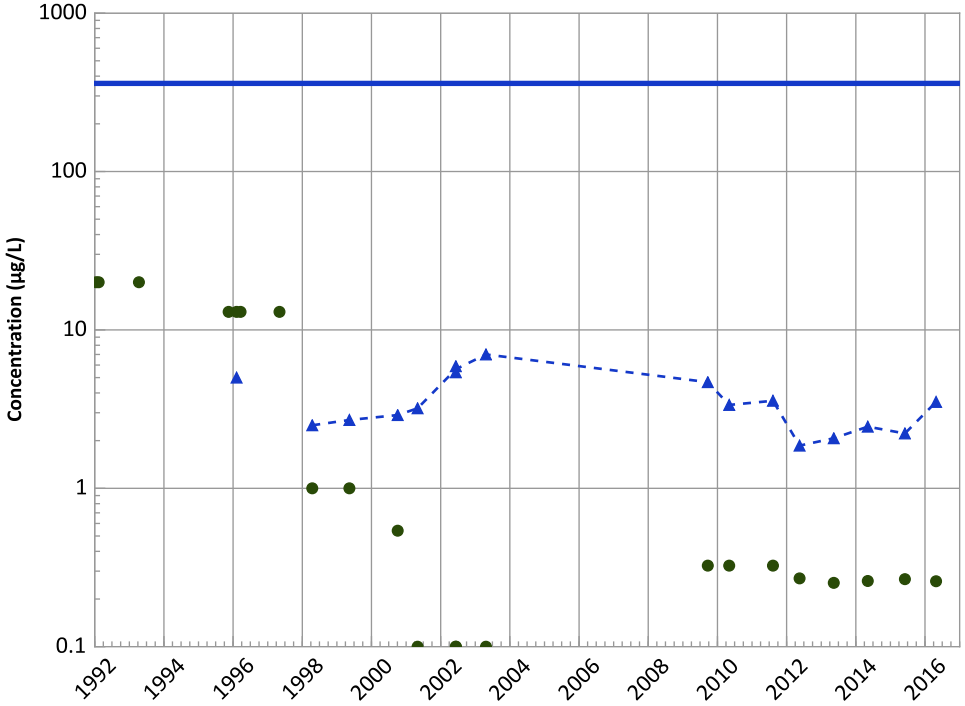


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

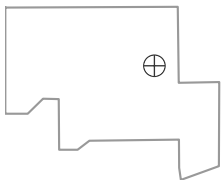
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/16/1992 to 04/27/2016
Analysis Date: 03/07/2017

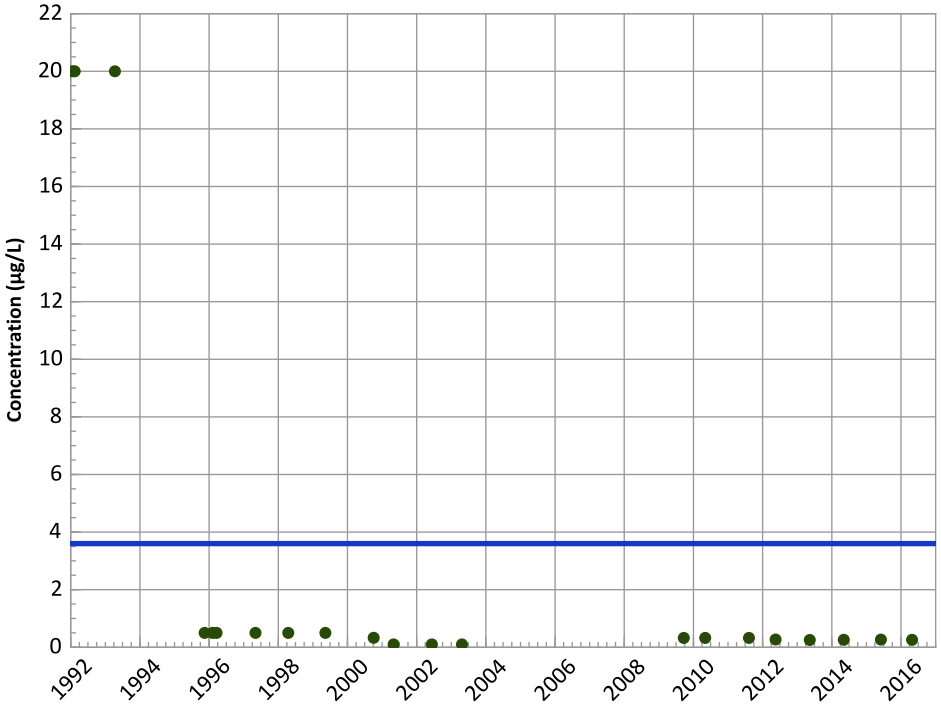
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

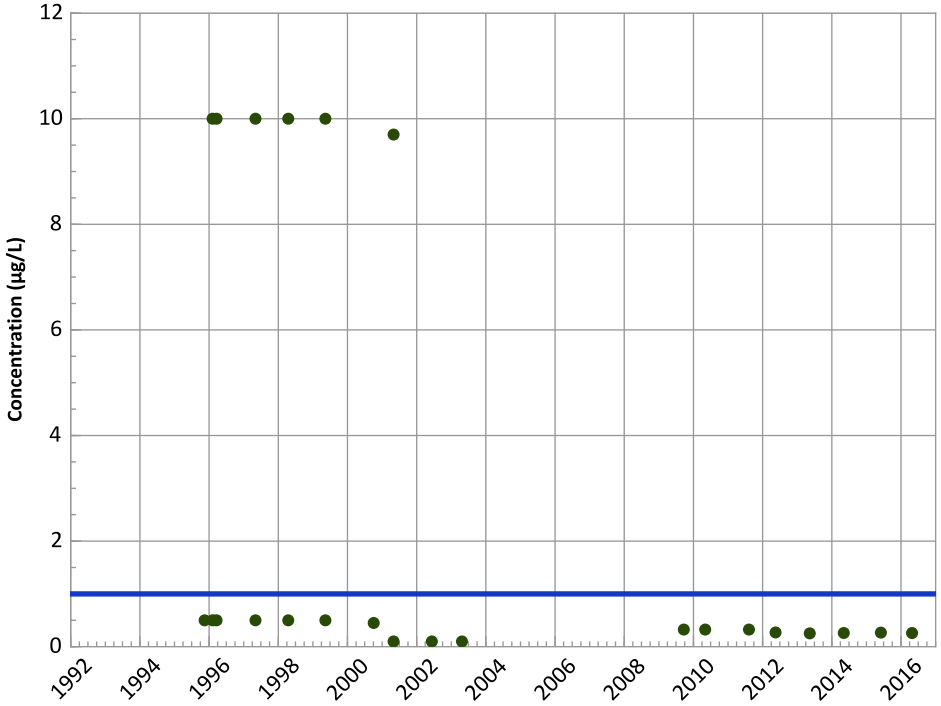


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

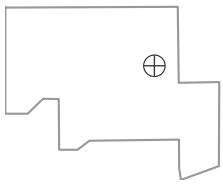
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/16/1992 to 04/27/2016
Analysis Date: 03/07/2017

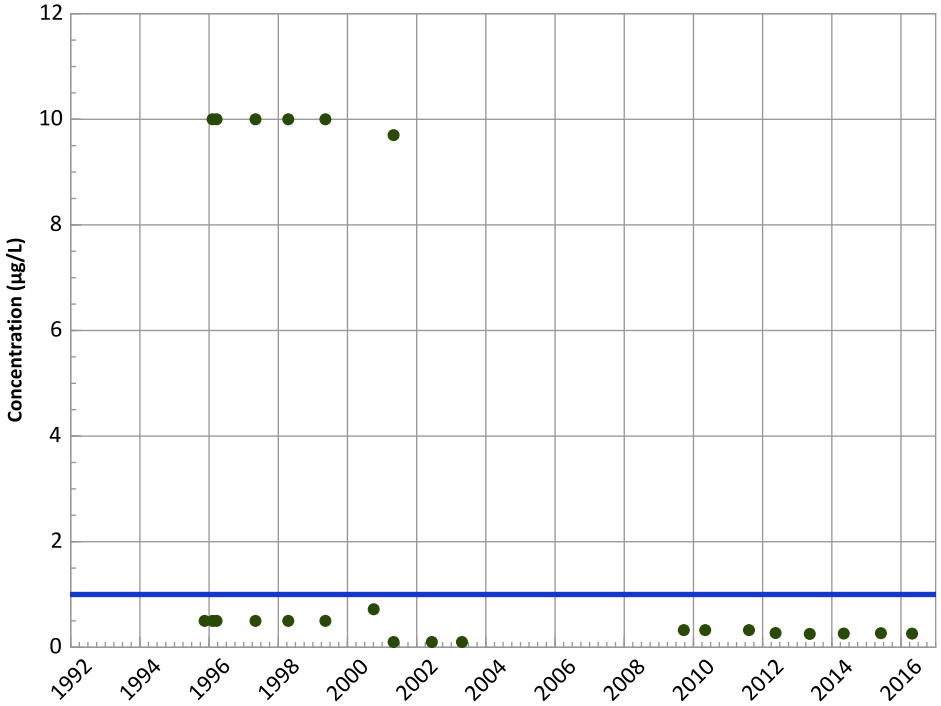
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

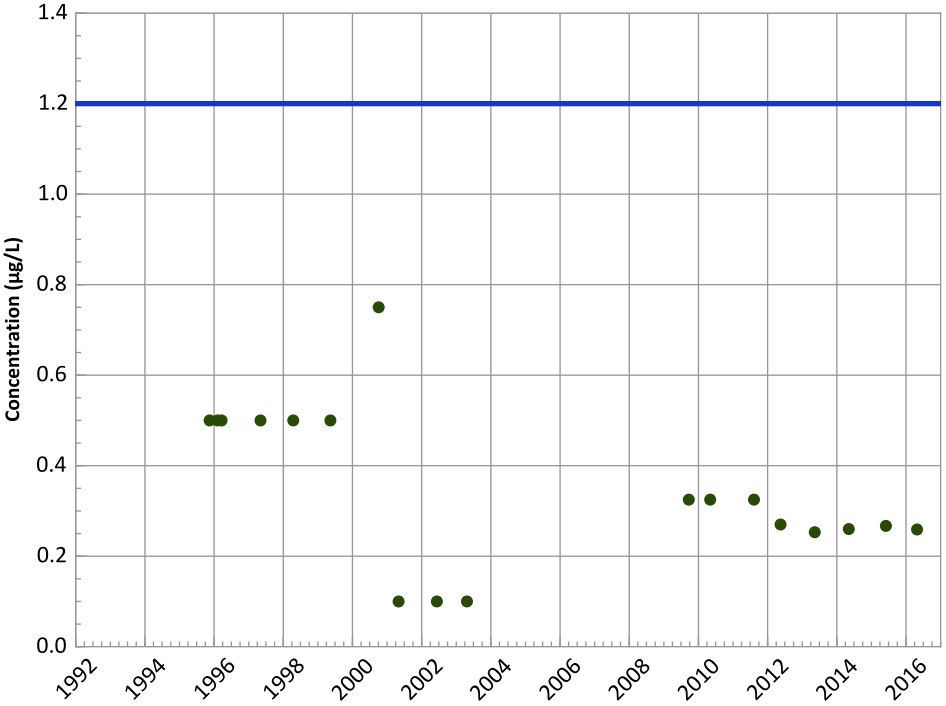


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

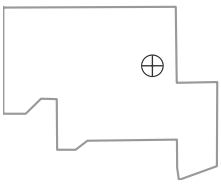
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/16/1992 to 04/27/2016
Analysis Date: 03/07/2017

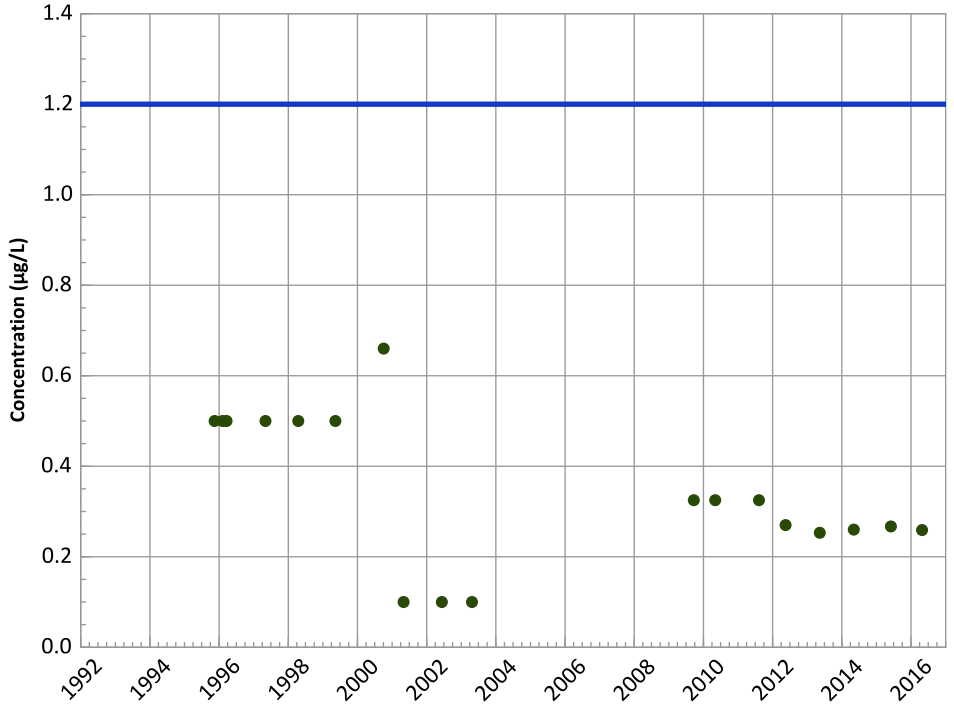
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

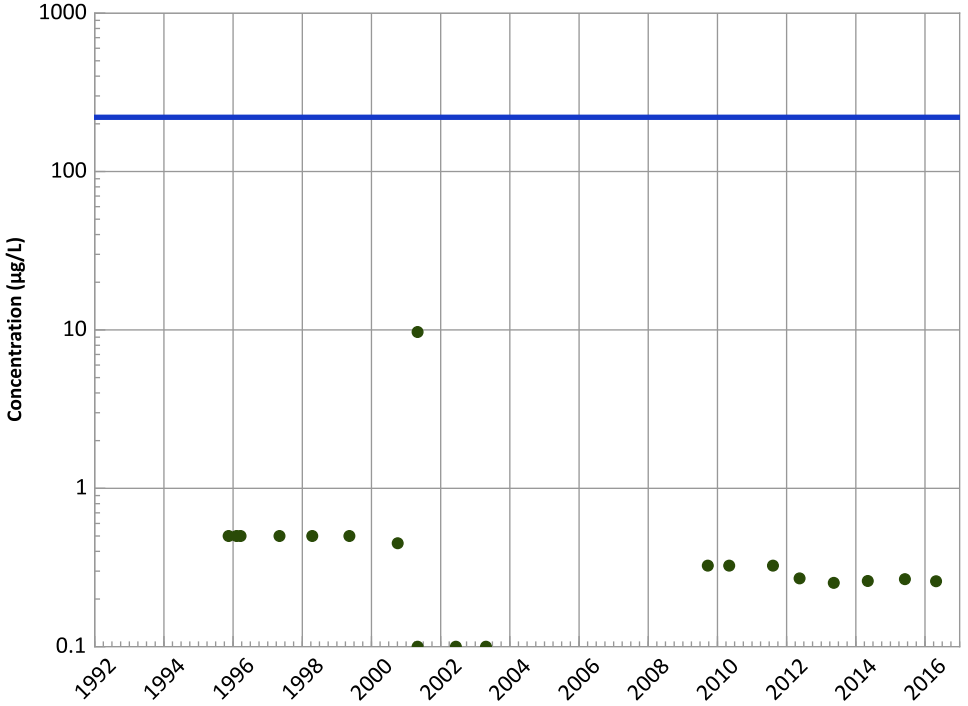


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

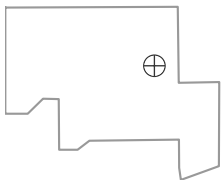
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/16/1992 to 04/27/2016
Analysis Date: 03/07/2017

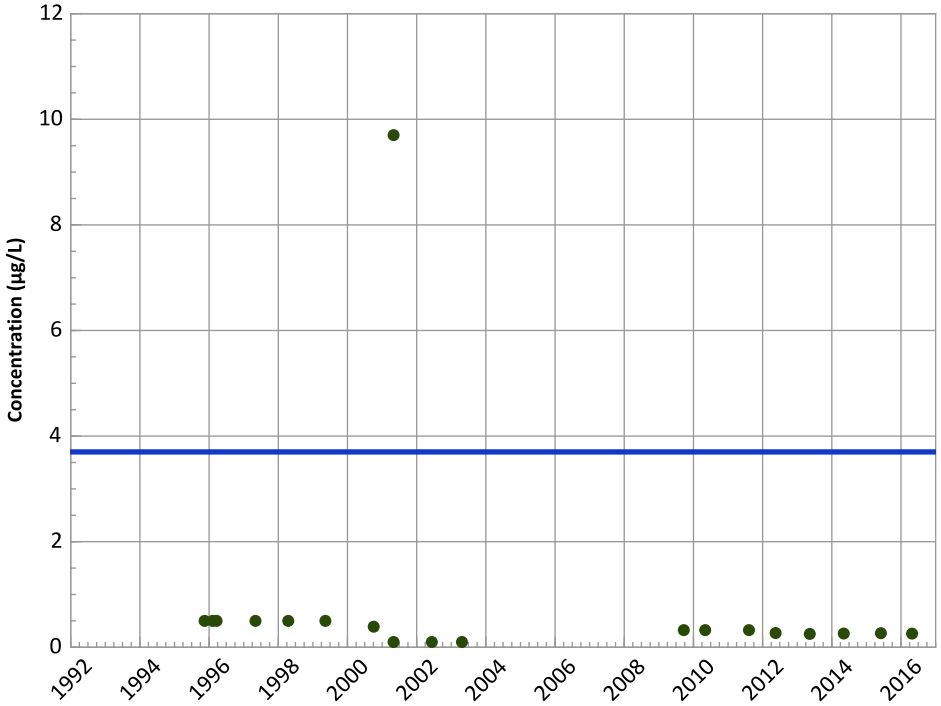
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

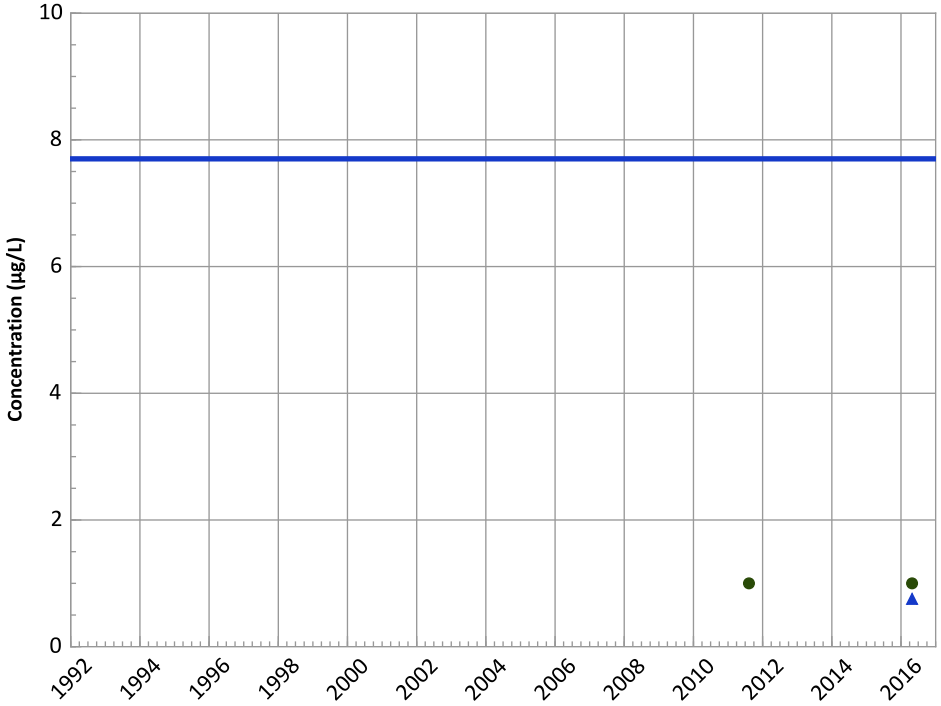


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

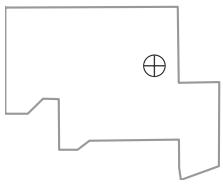
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/16/1992 to 04/27/2016
Analysis Date: 03/07/2017

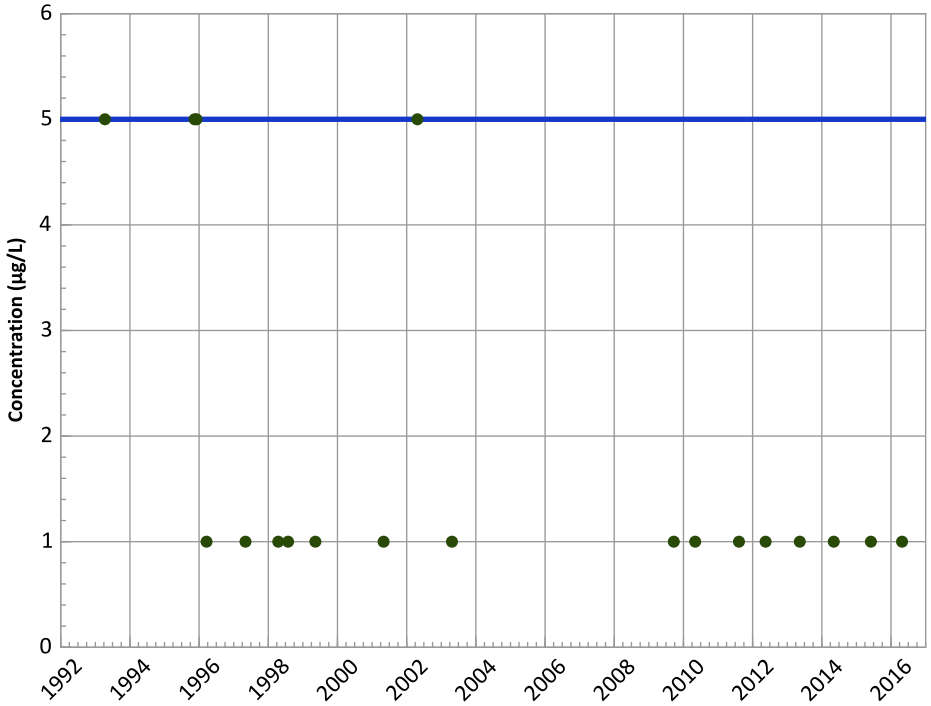
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

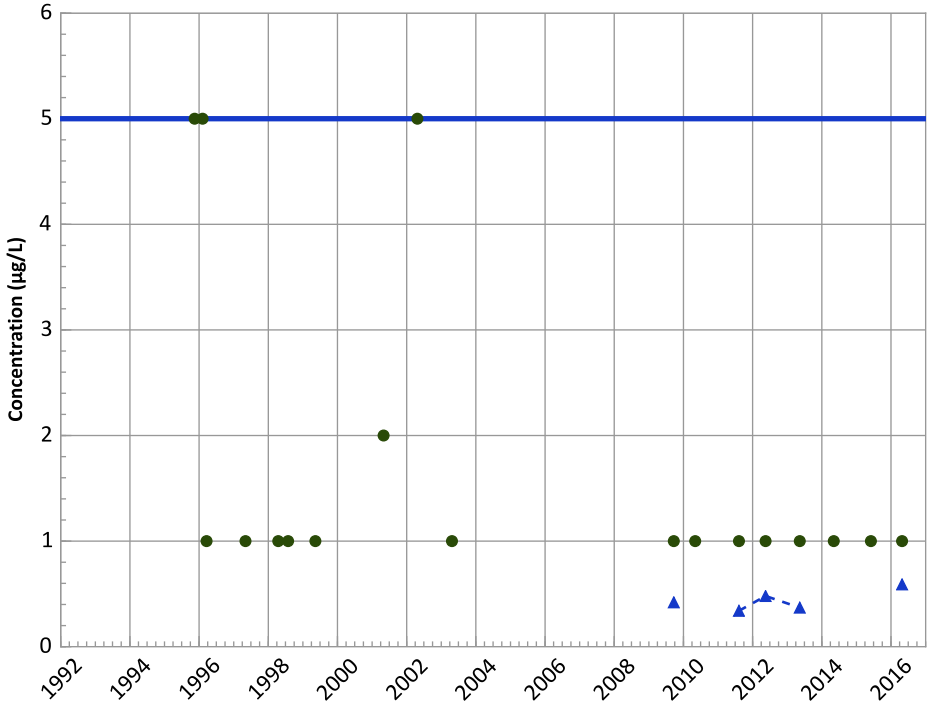


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

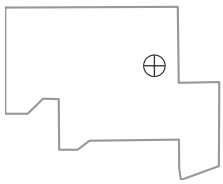
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/16/1992 to 04/27/2016
Analysis Date: 03/07/2017

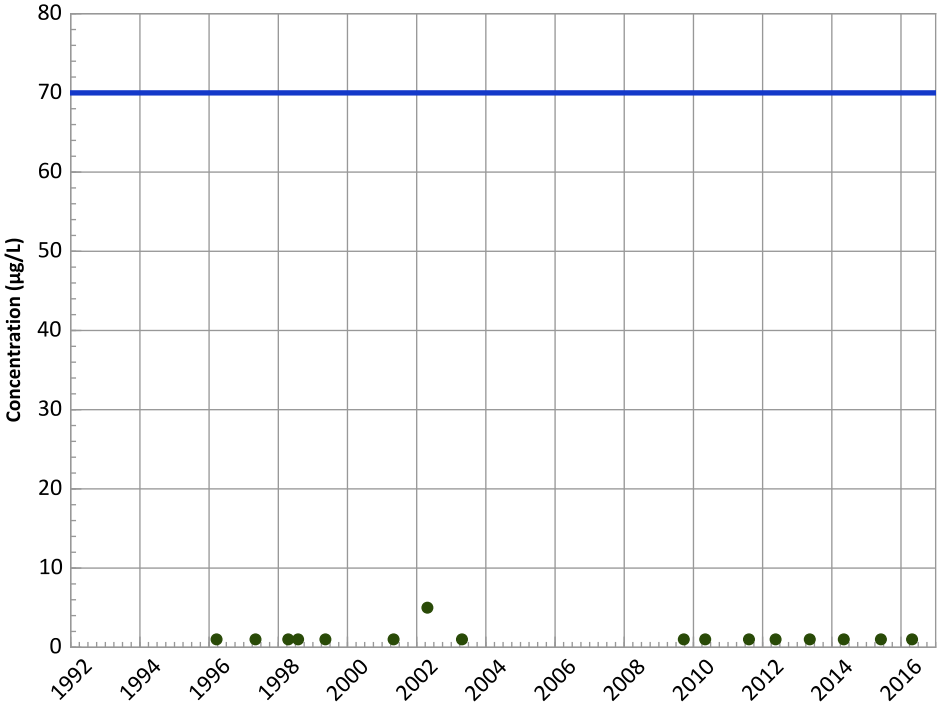
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

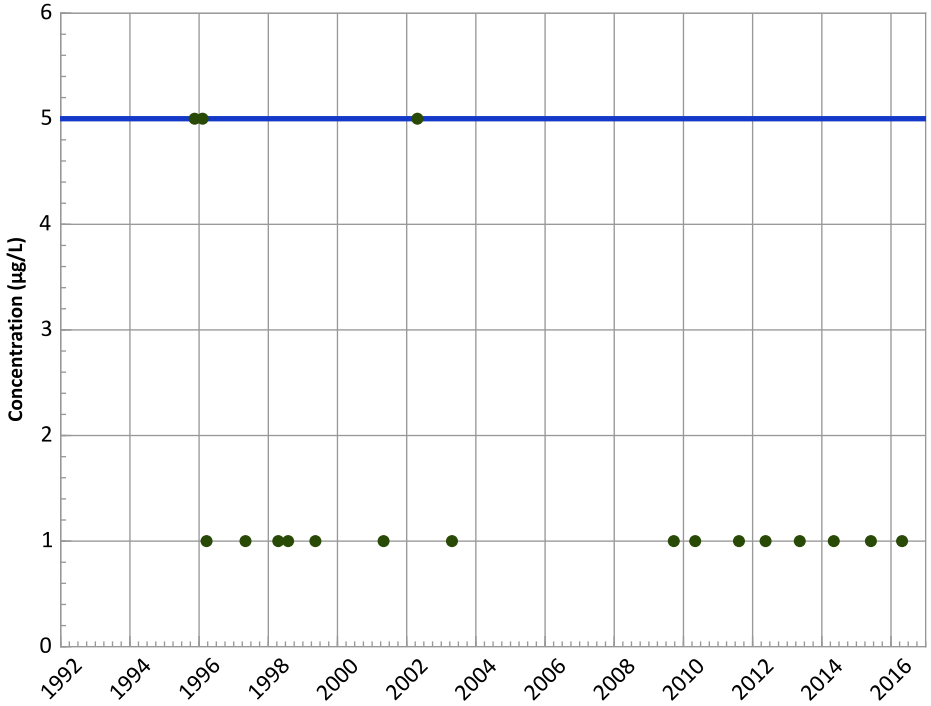


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

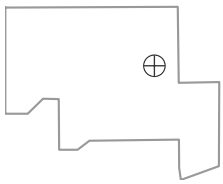
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/16/1992 to 04/27/2016
Analysis Date: 03/07/2017

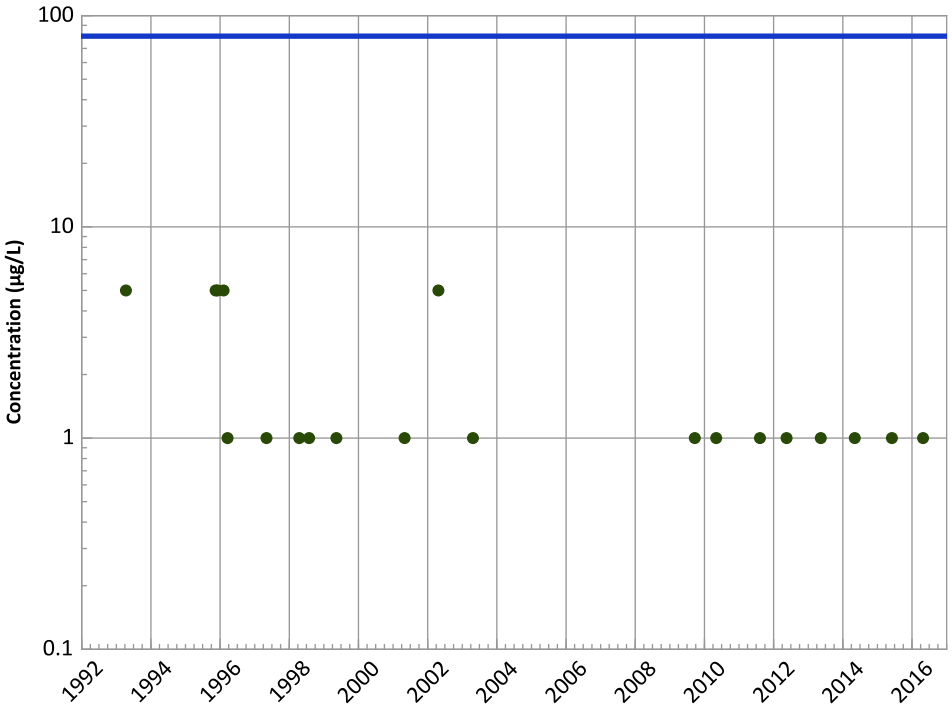
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

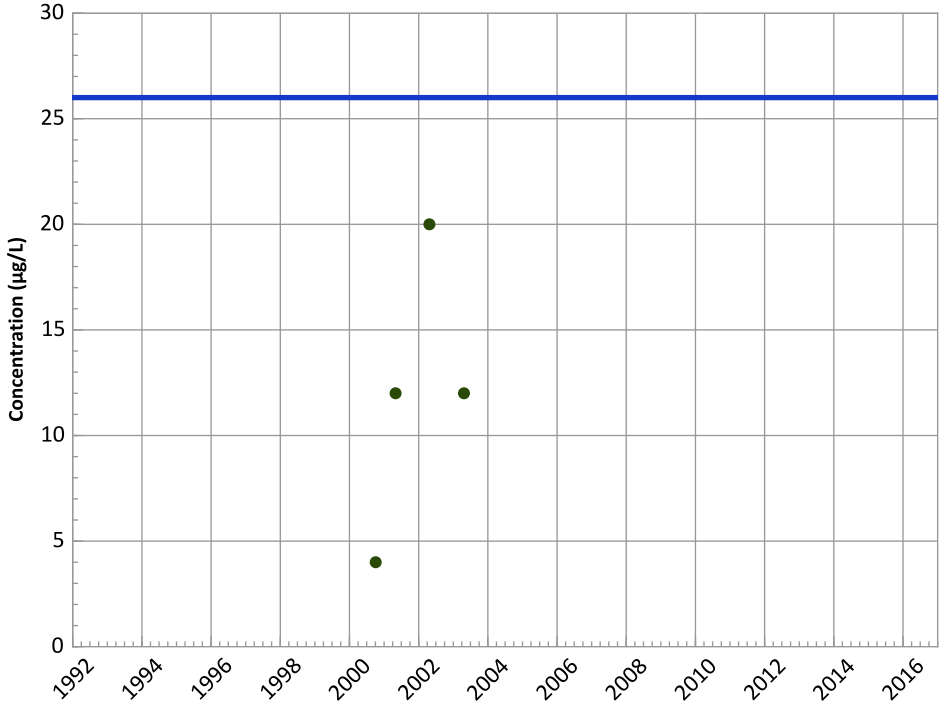


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

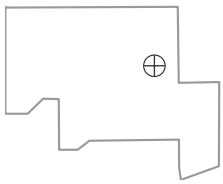
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/16/1992 to 04/27/2016
Analysis Date: 03/07/2017

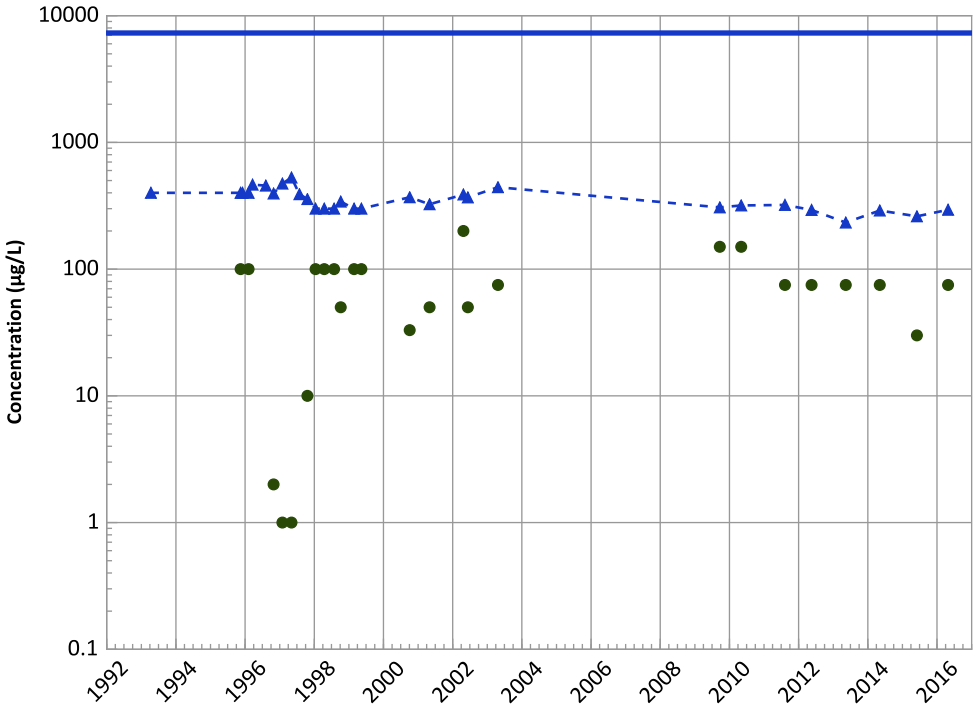
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

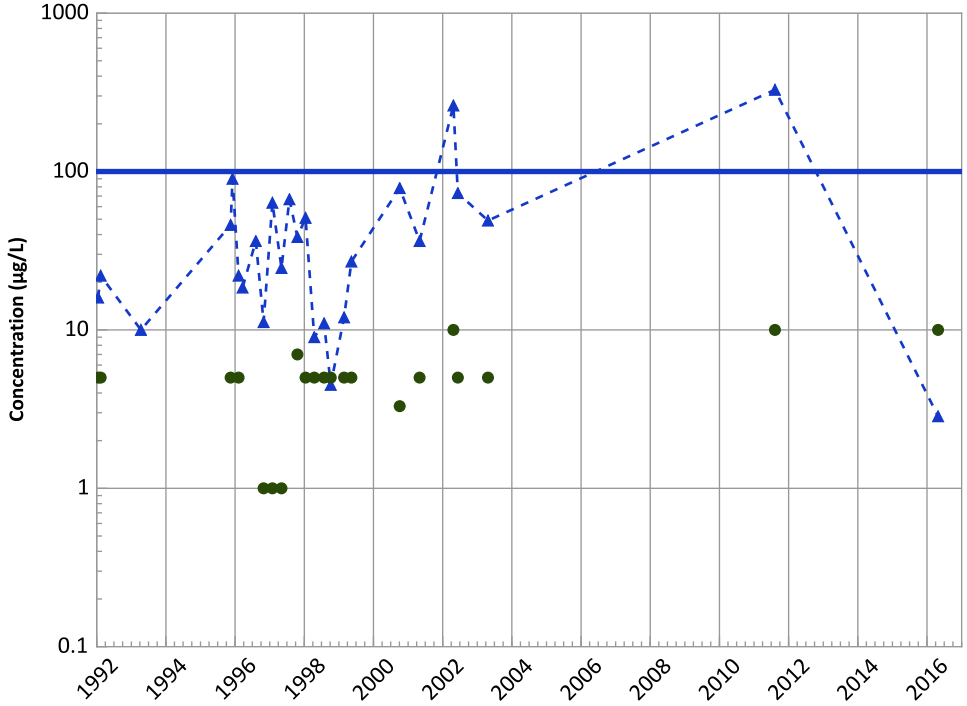


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

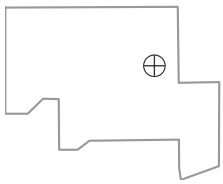
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/16/1992 to 04/27/2016
Analysis Date: 03/07/2017

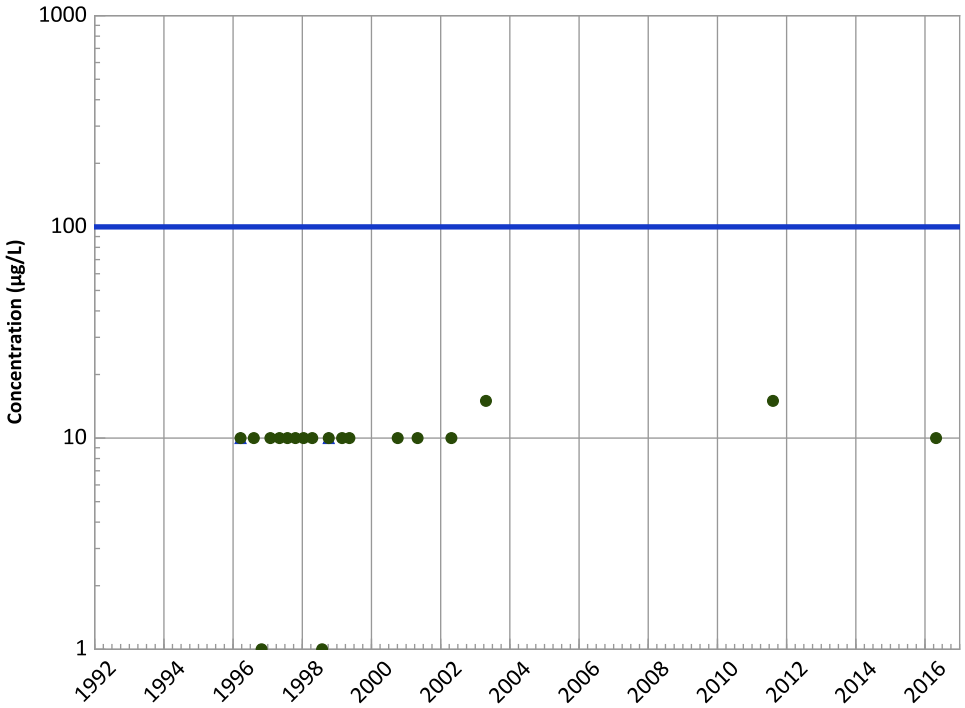
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

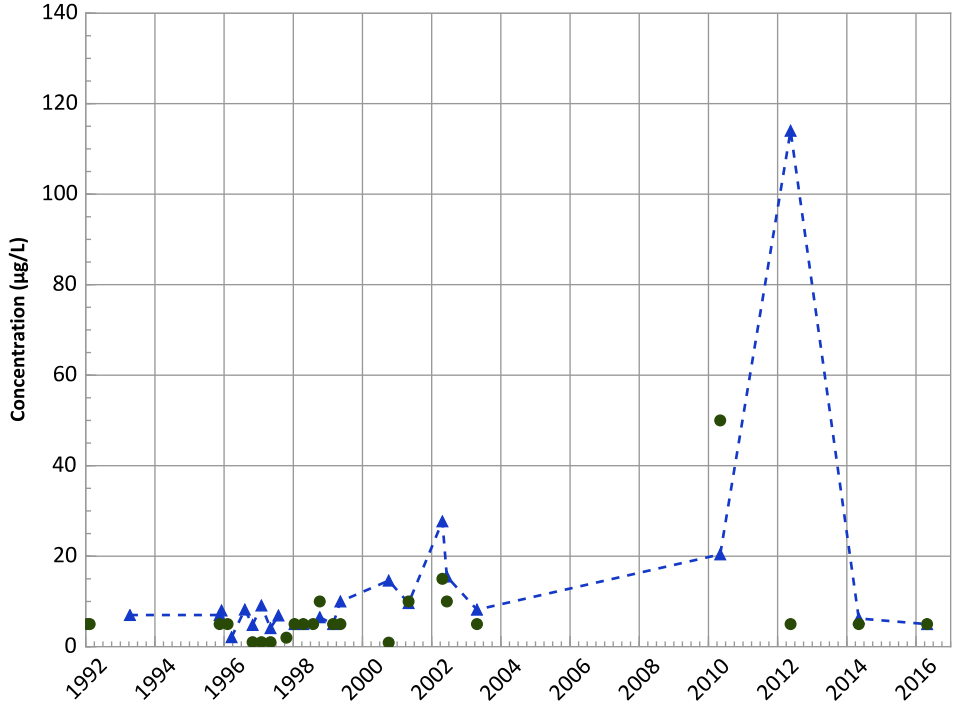


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

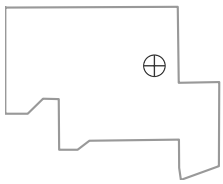
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/16/1992 to 04/27/2016
Analysis Date: 03/07/2017

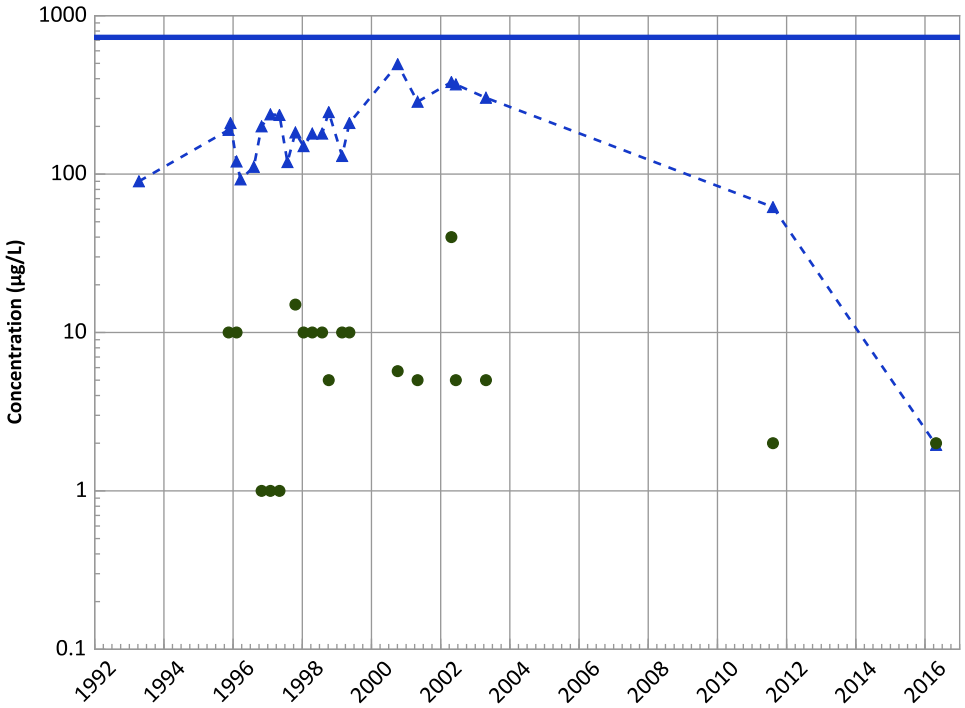
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

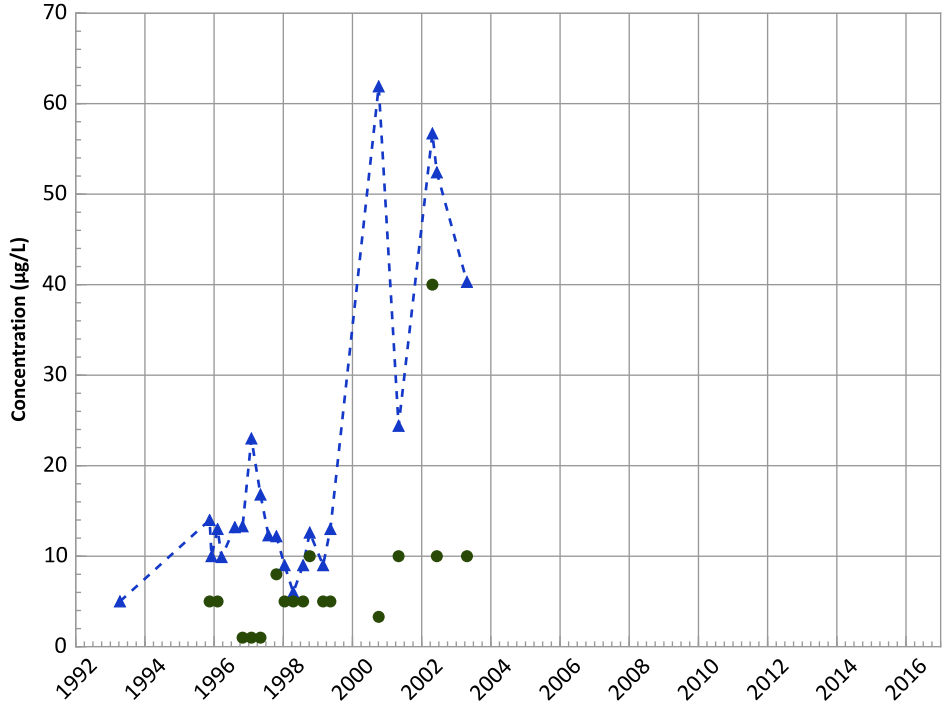


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Molybdenum Trend



Concentration Trend

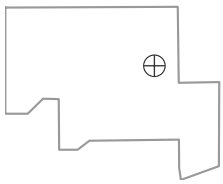
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/16/1992 to 04/27/2016
Analysis Date: 03/07/2017

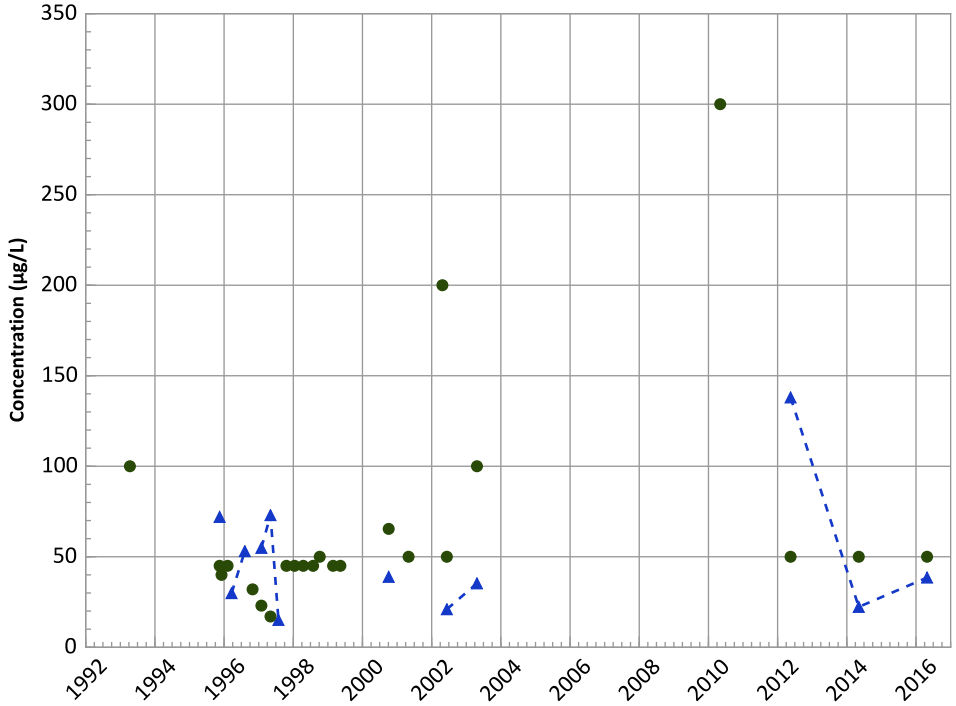
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

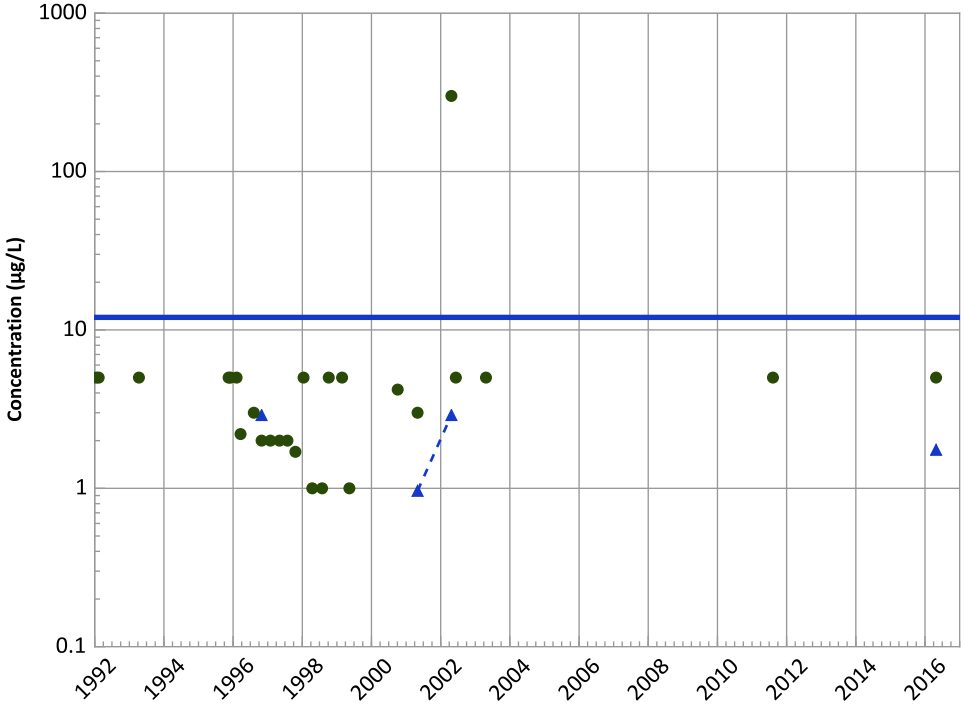


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Arsenic Trend



Concentration Trend

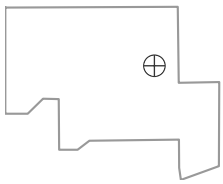
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/16/1992 to 04/27/2016
Analysis Date: 03/07/2017

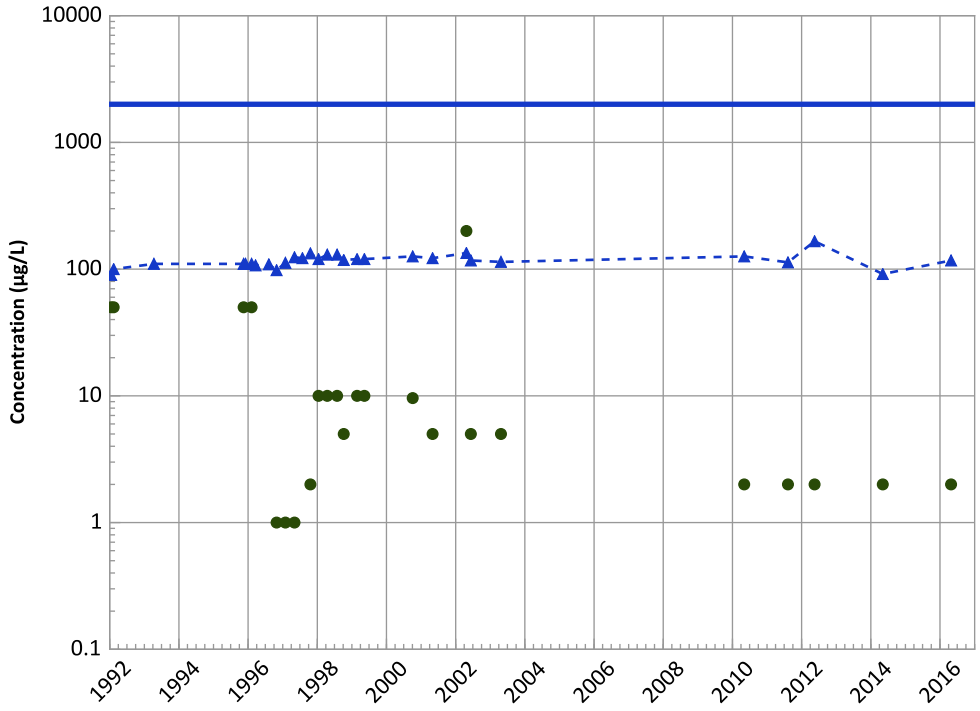
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

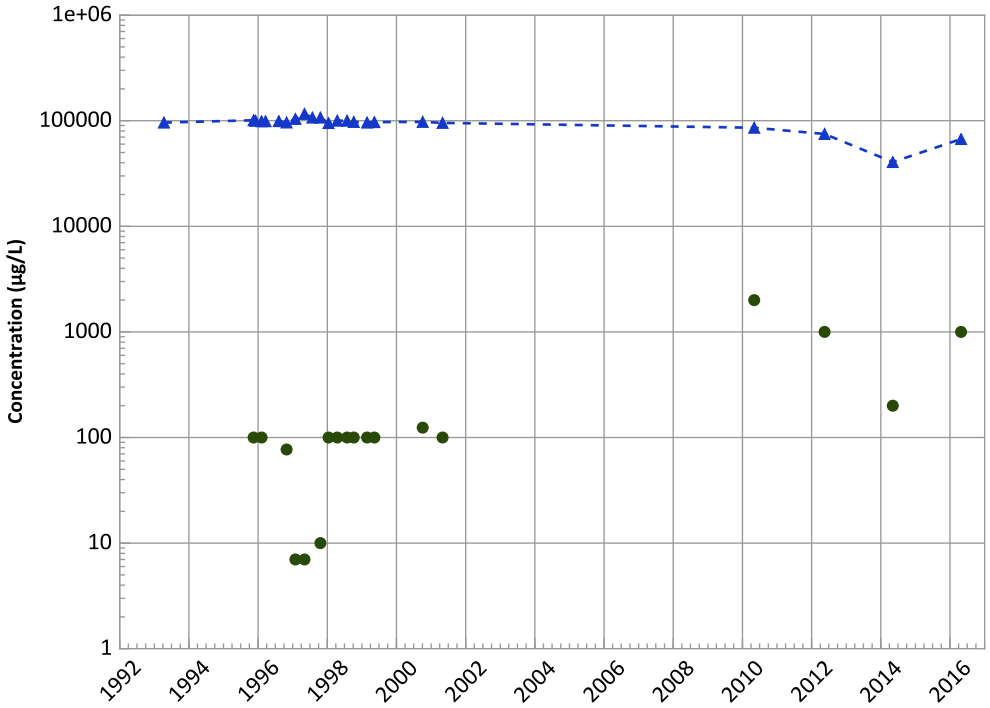


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Increasing

Calcium Trend



Concentration Trend

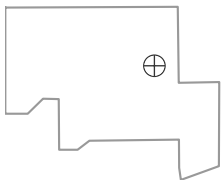
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/16/1992 to 04/27/2016
Analysis Date: 03/07/2017

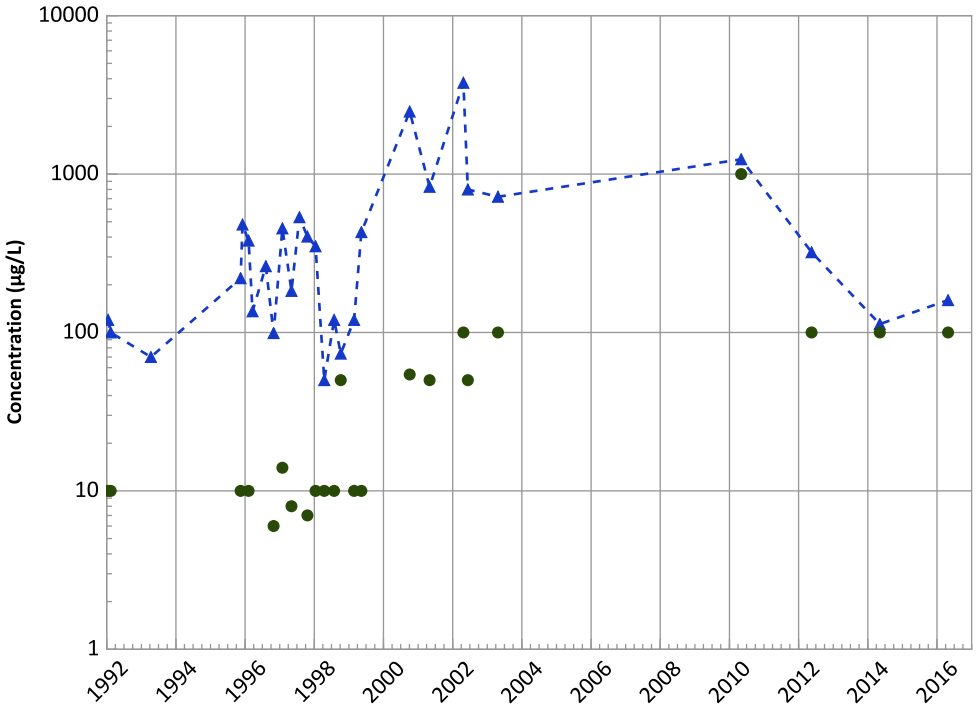
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

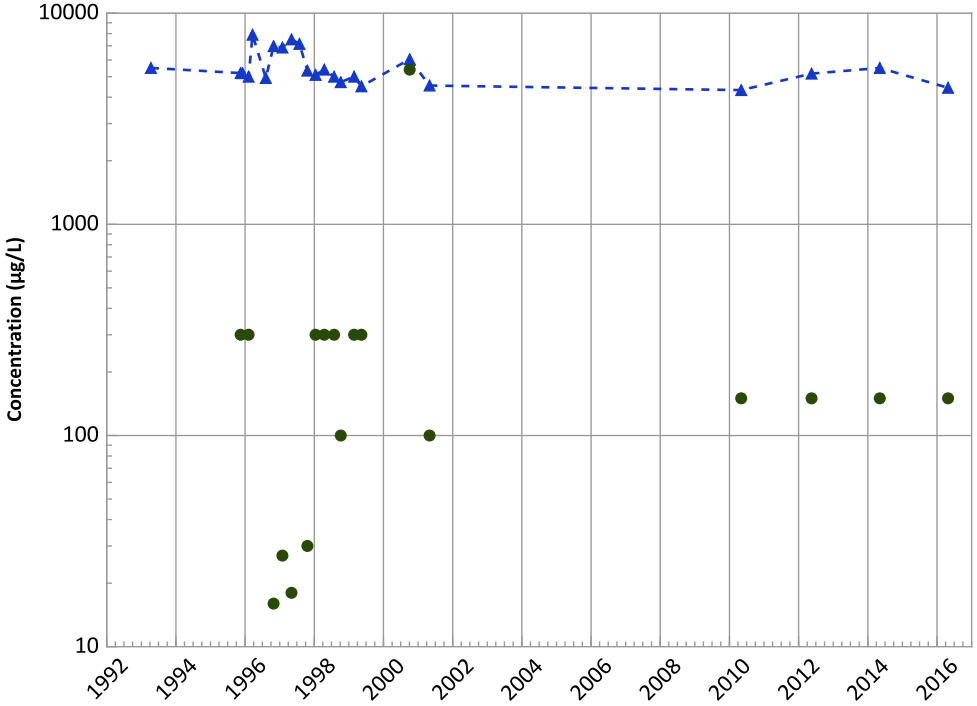


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
No Trend

Potassium Trend



Concentration Trend

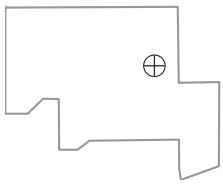
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/16/1992 to 04/27/2016
Analysis Date: 03/07/2017

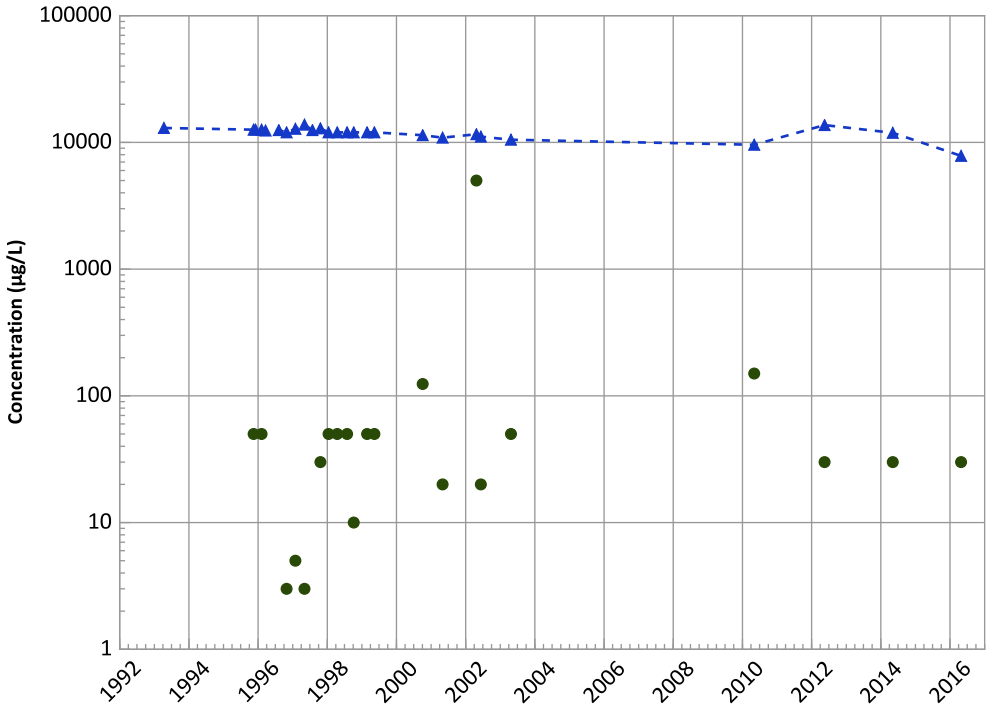
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

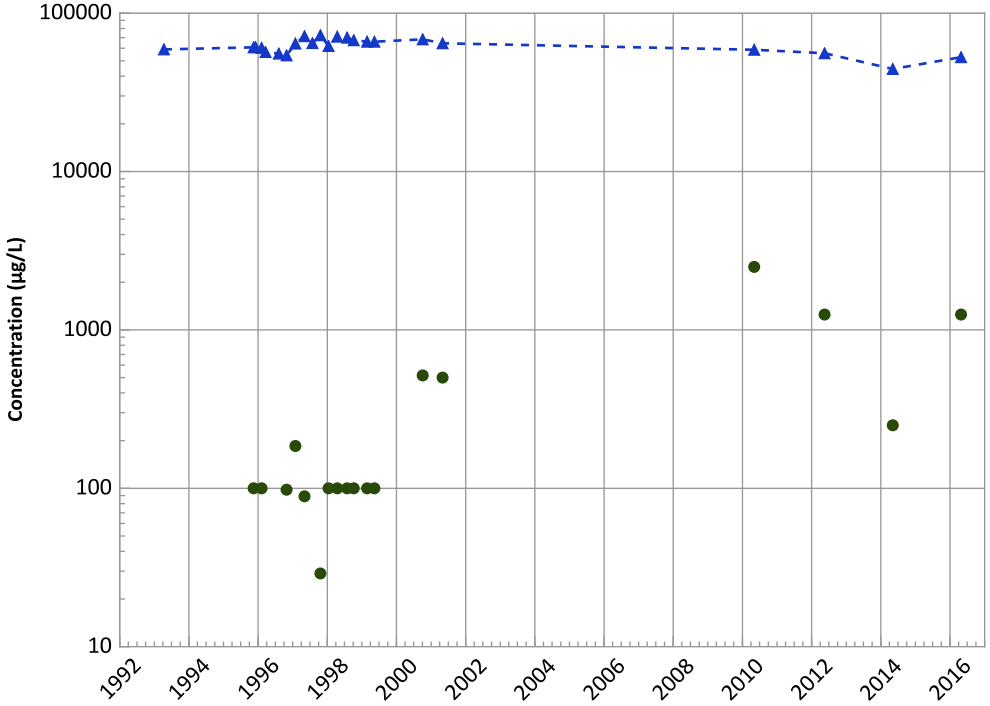


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Sodium Trend



Concentration Trend

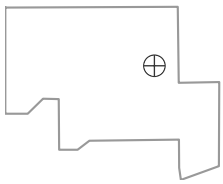
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

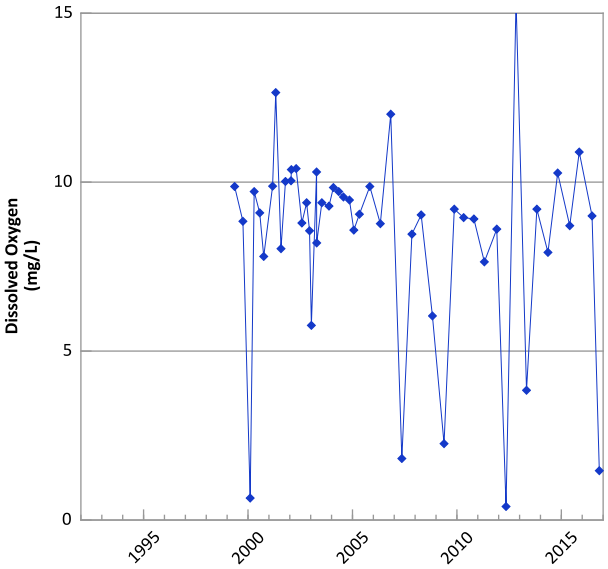
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/16/1992 to 04/27/2016
Analysis Date: 03/07/2017

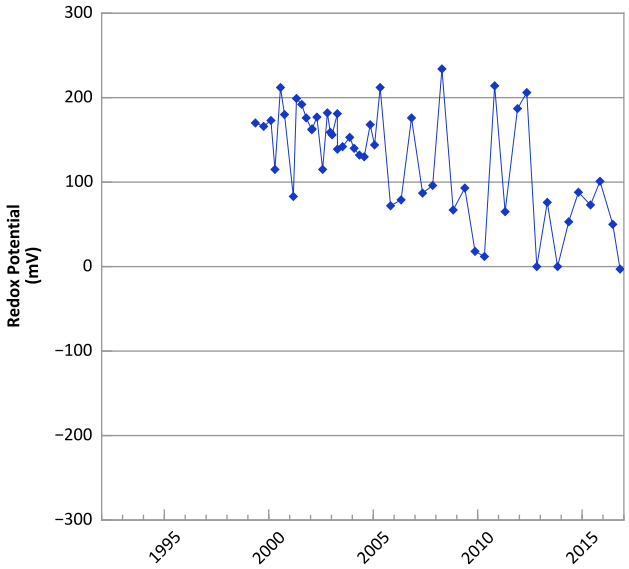
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

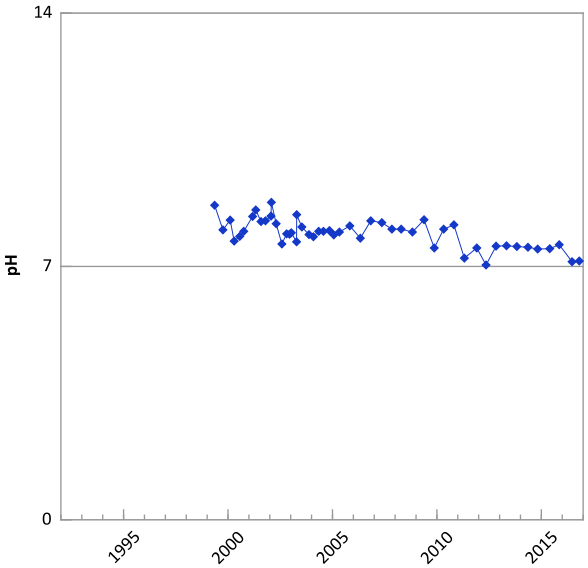
Well Location

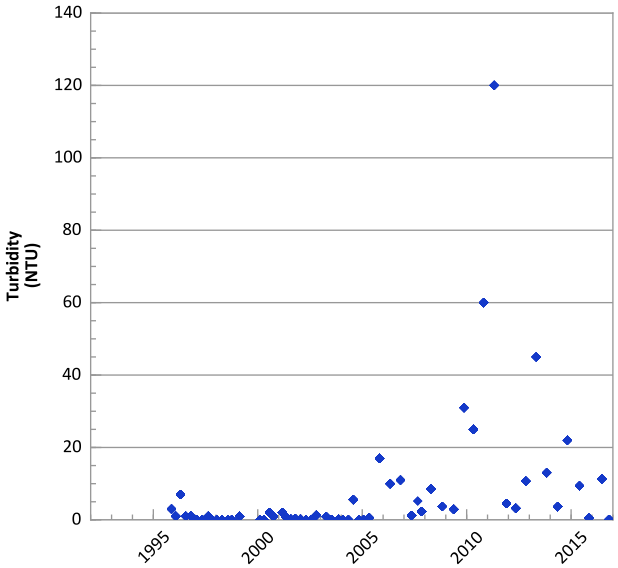


PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



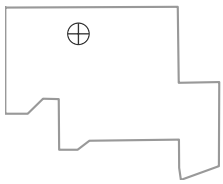






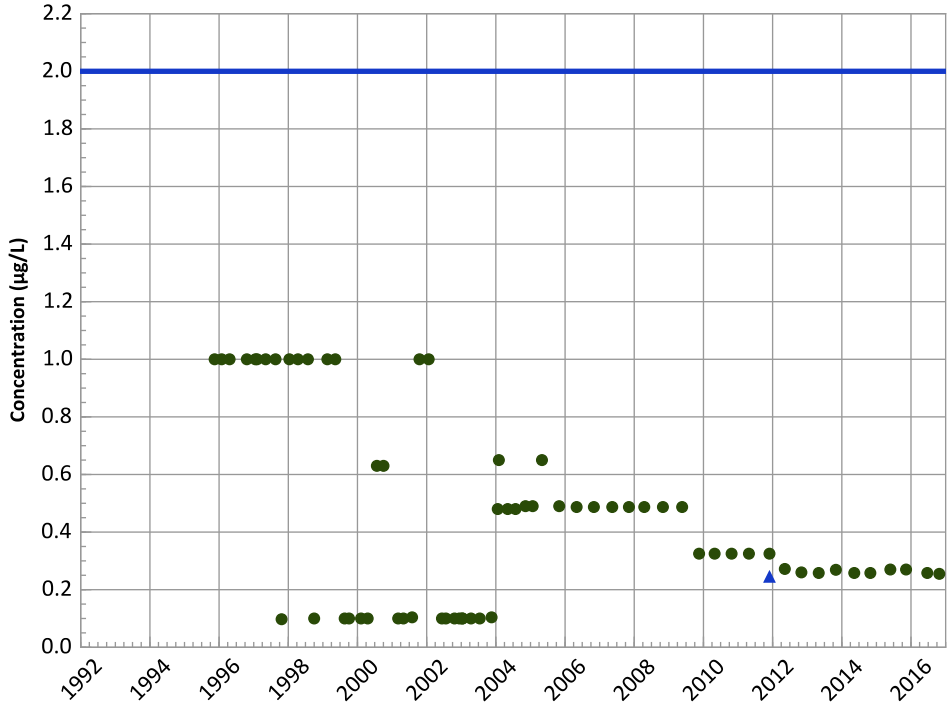
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/15/1995 to 10/26/2016
Analysis Date: 03/07/2017

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

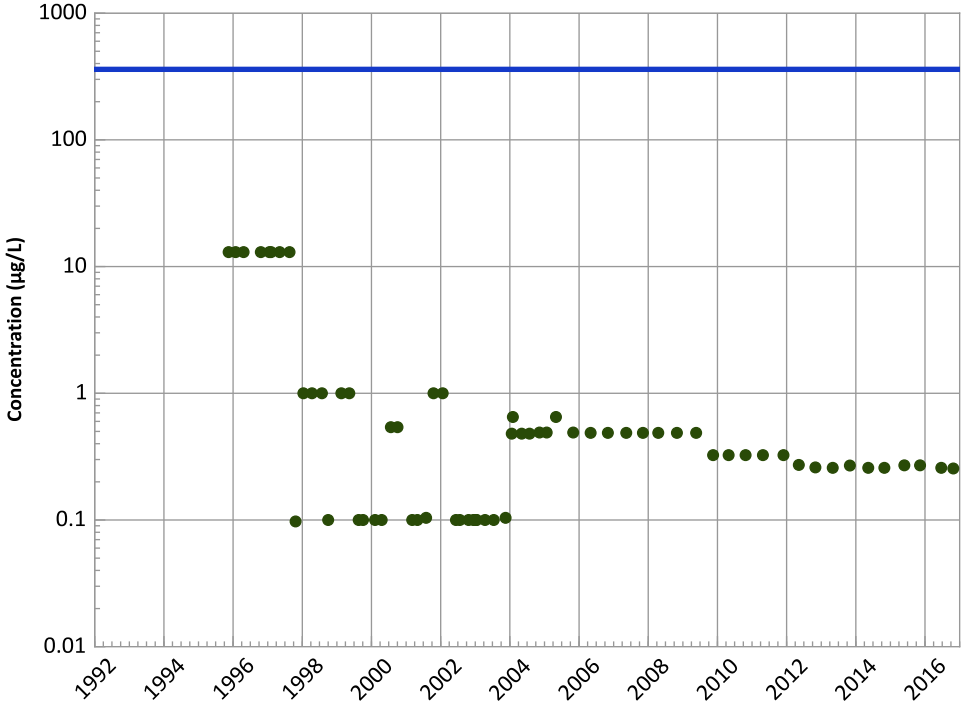


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

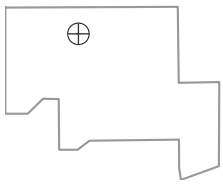
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/15/1995 to 10/26/2016
Analysis Date: 03/07/2017

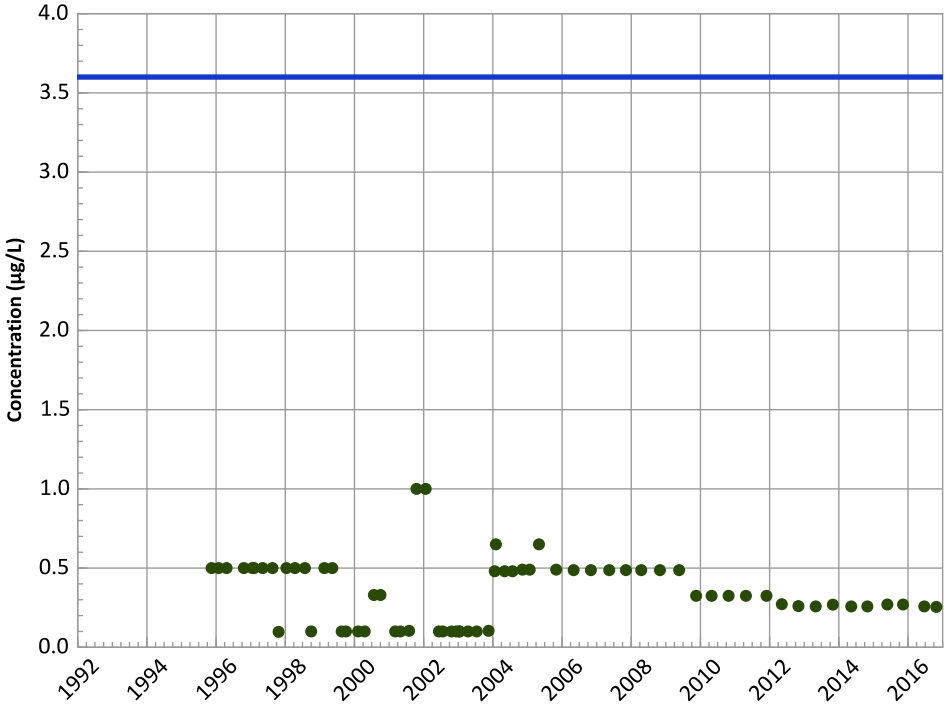
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

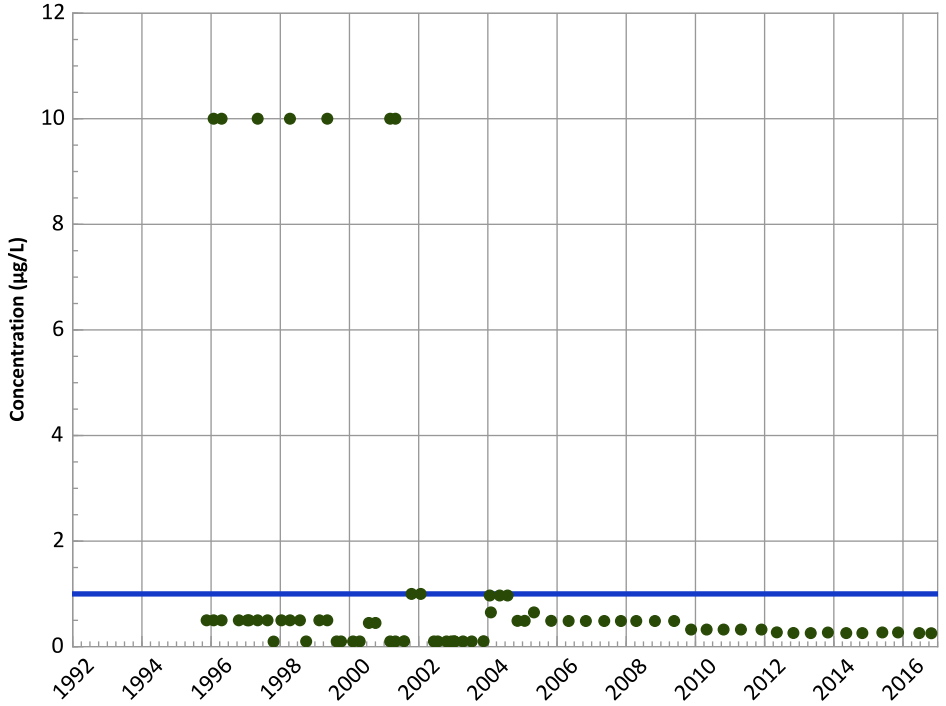


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

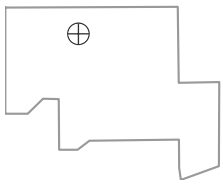
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/15/1995 to 10/26/2016
Analysis Date: 03/07/2017

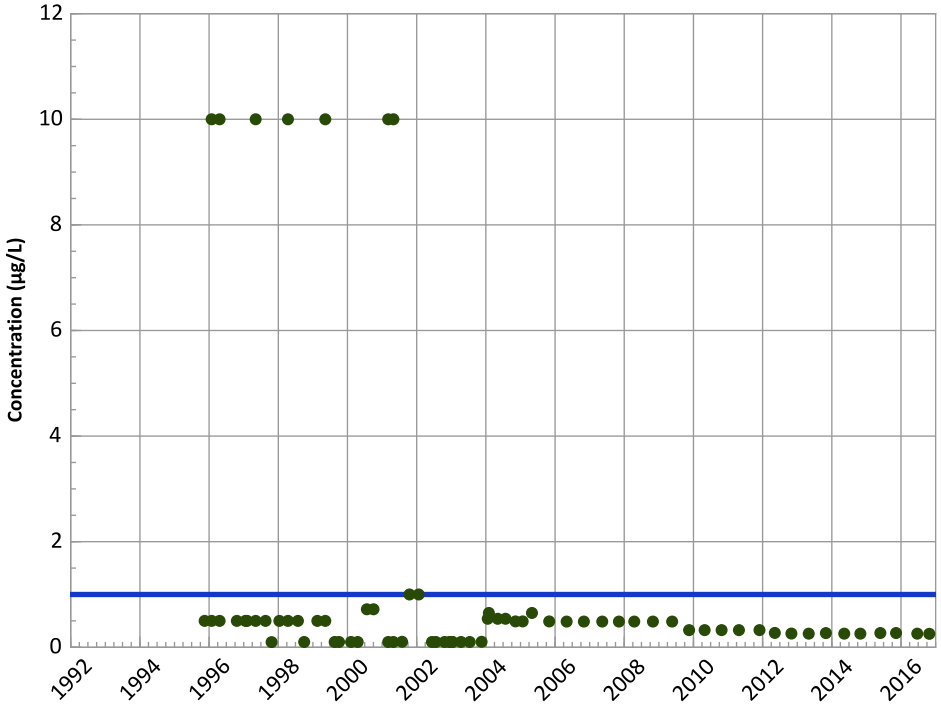
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

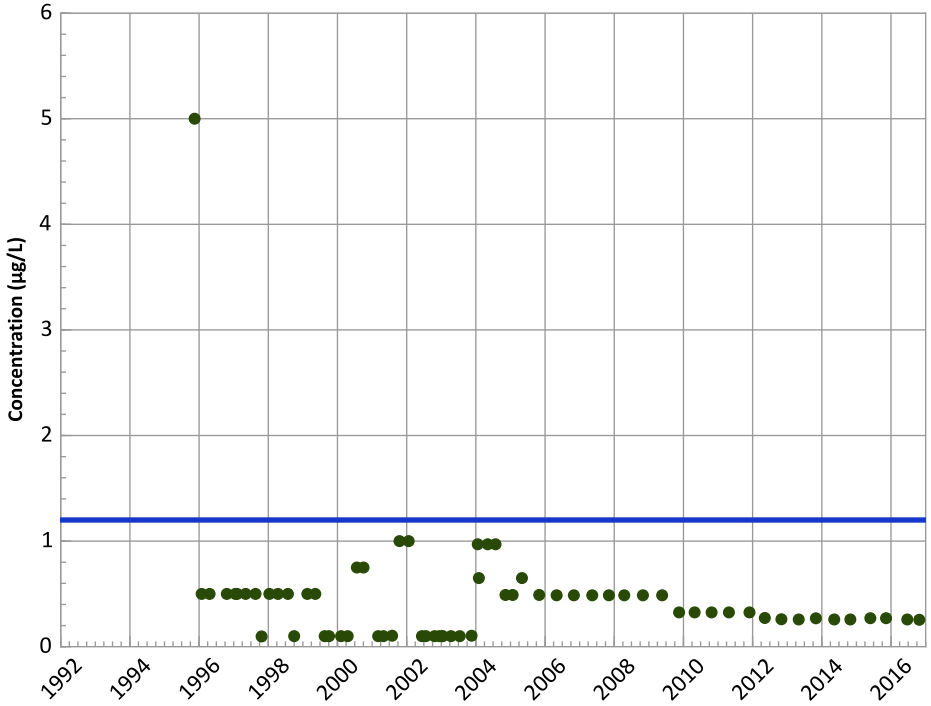


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

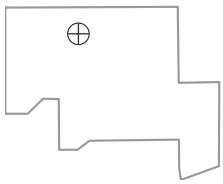
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/15/1995 to 10/26/2016
Analysis Date: 03/07/2017

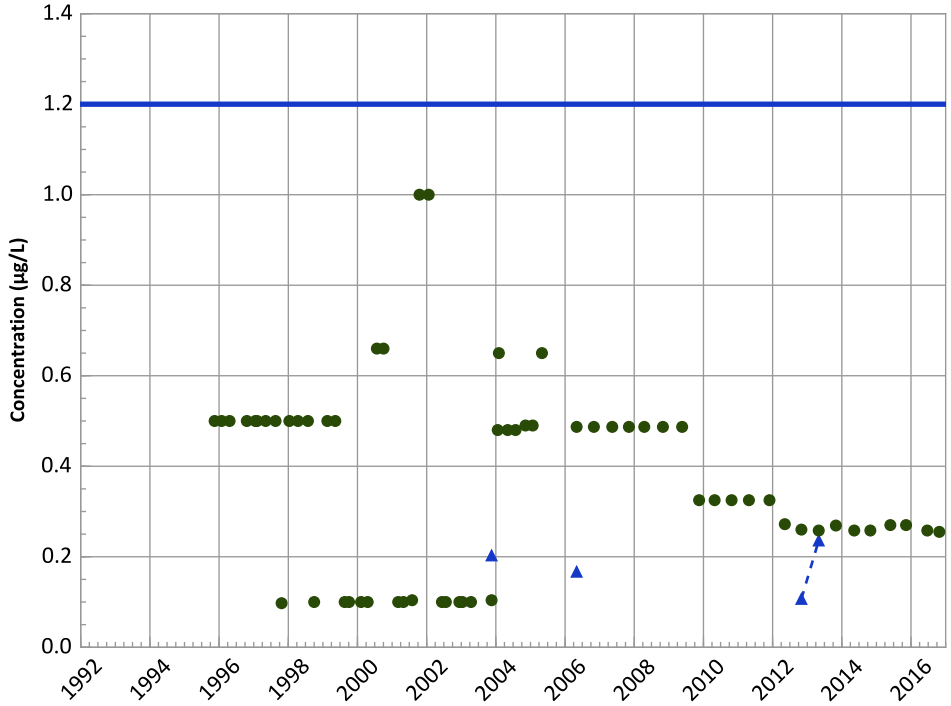
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

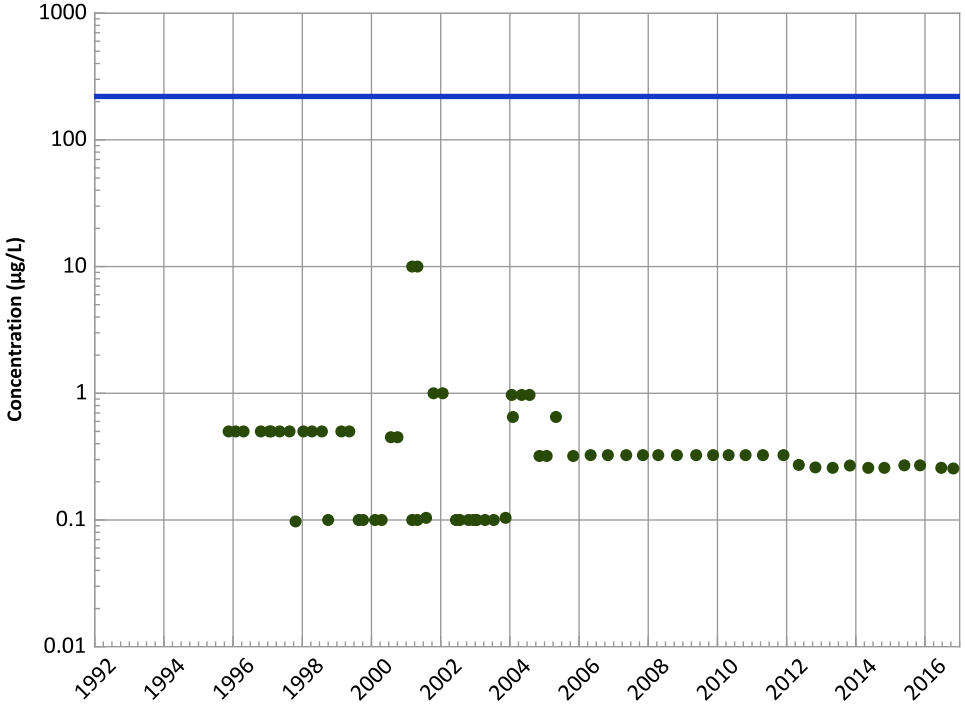


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

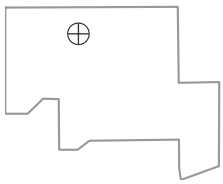
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/15/1995 to 10/26/2016
Analysis Date: 03/07/2017

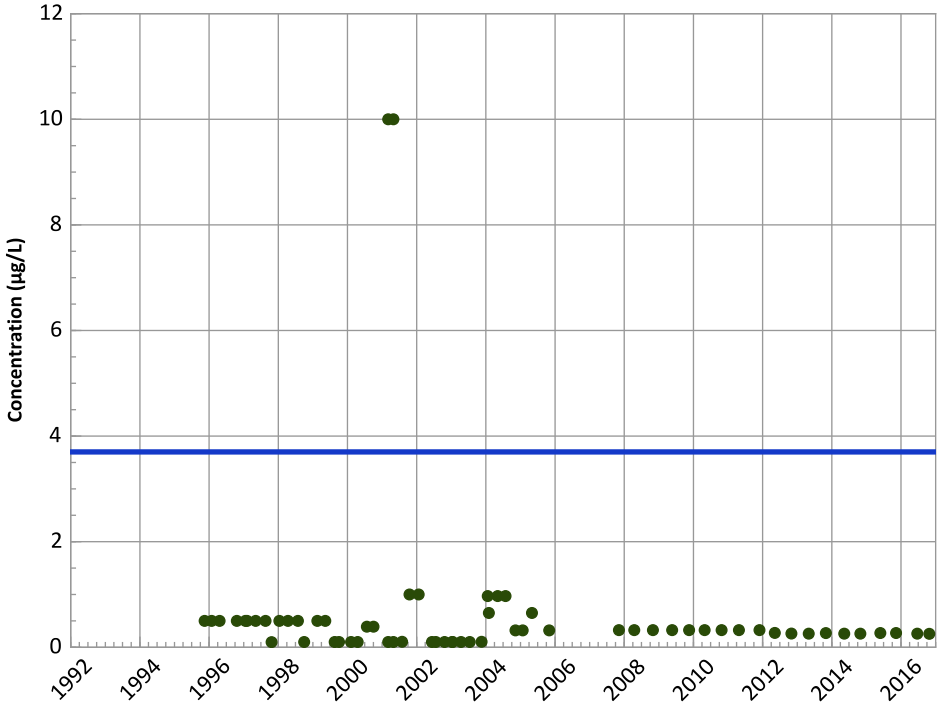
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

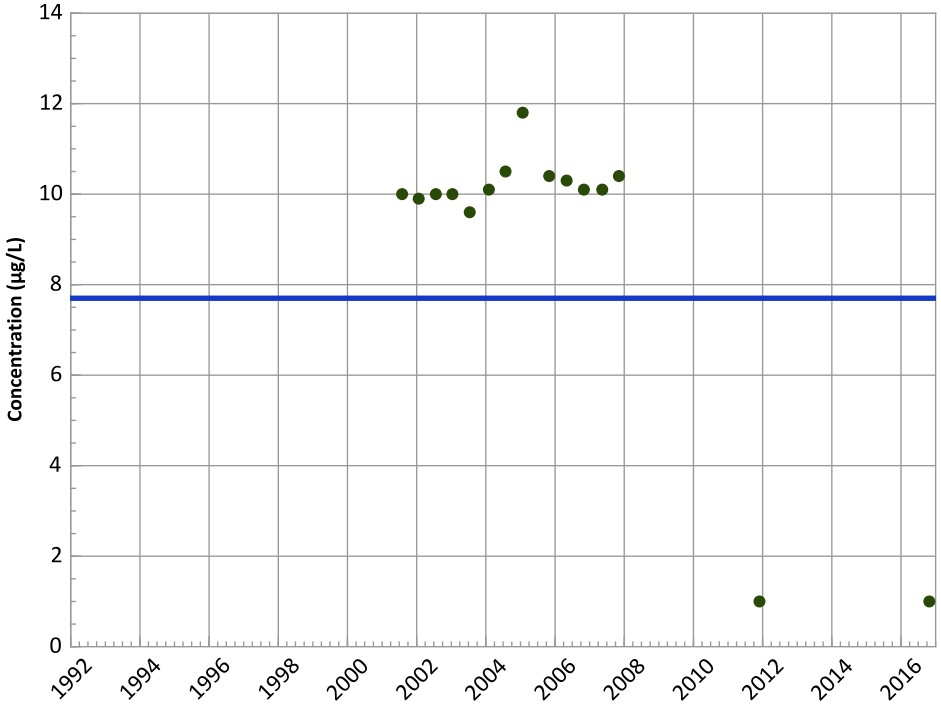


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

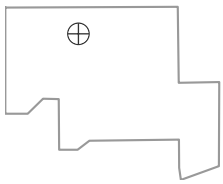
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/15/1995 to 10/26/2016
Analysis Date: 03/07/2017

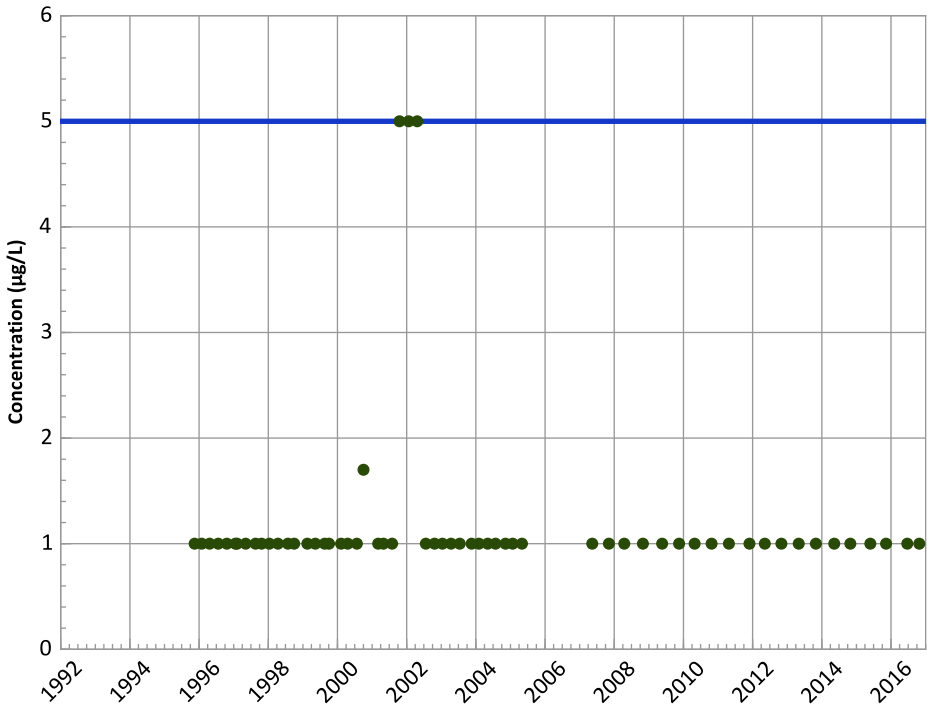
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

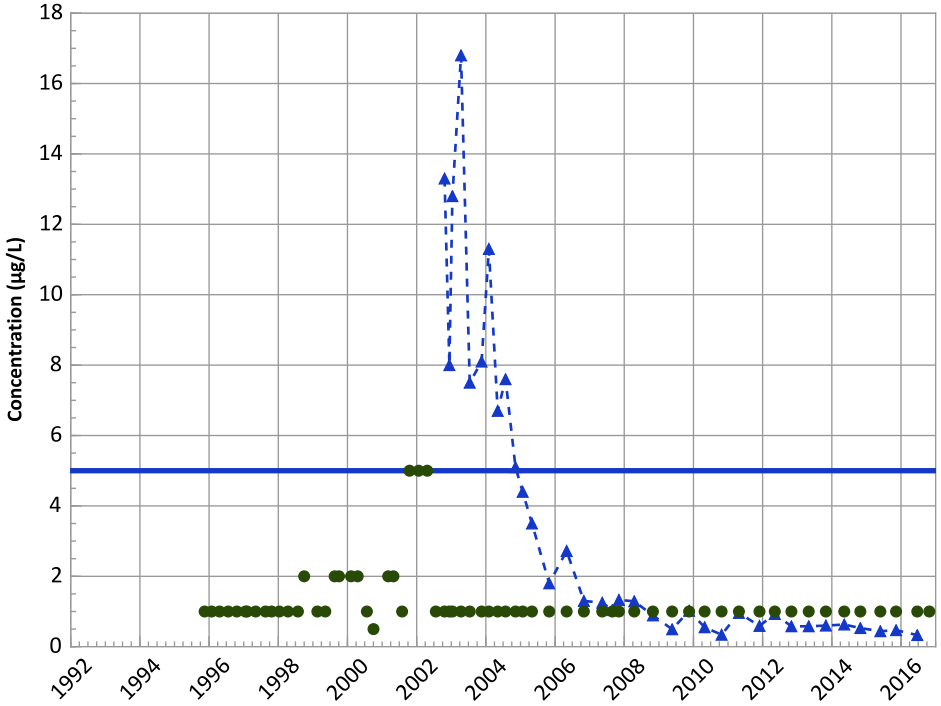


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

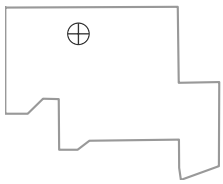
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/15/1995 to 10/26/2016
Analysis Date: 03/07/2017

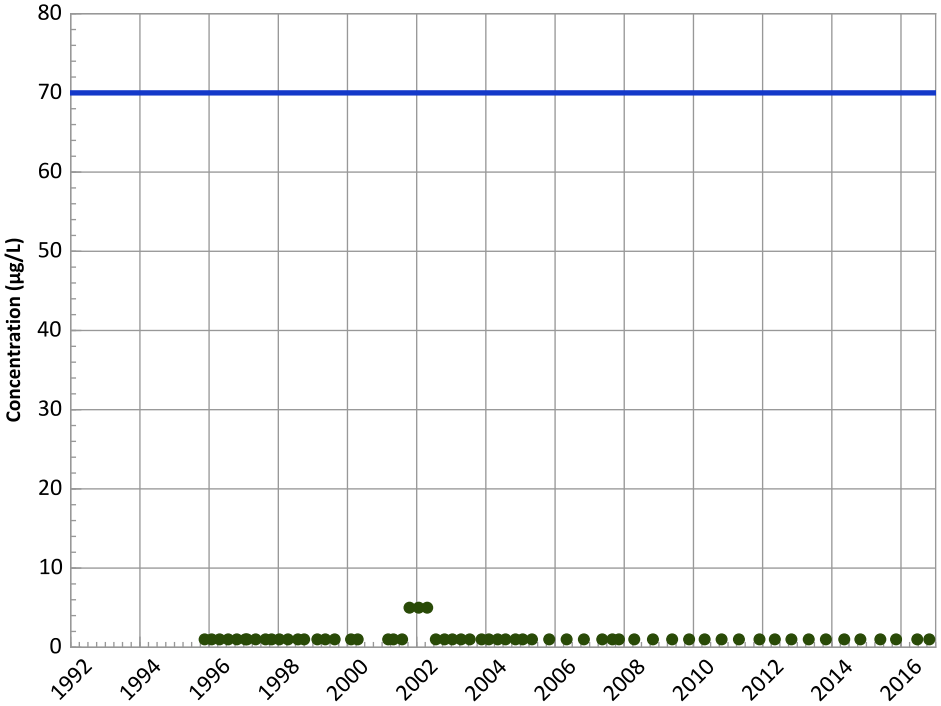
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

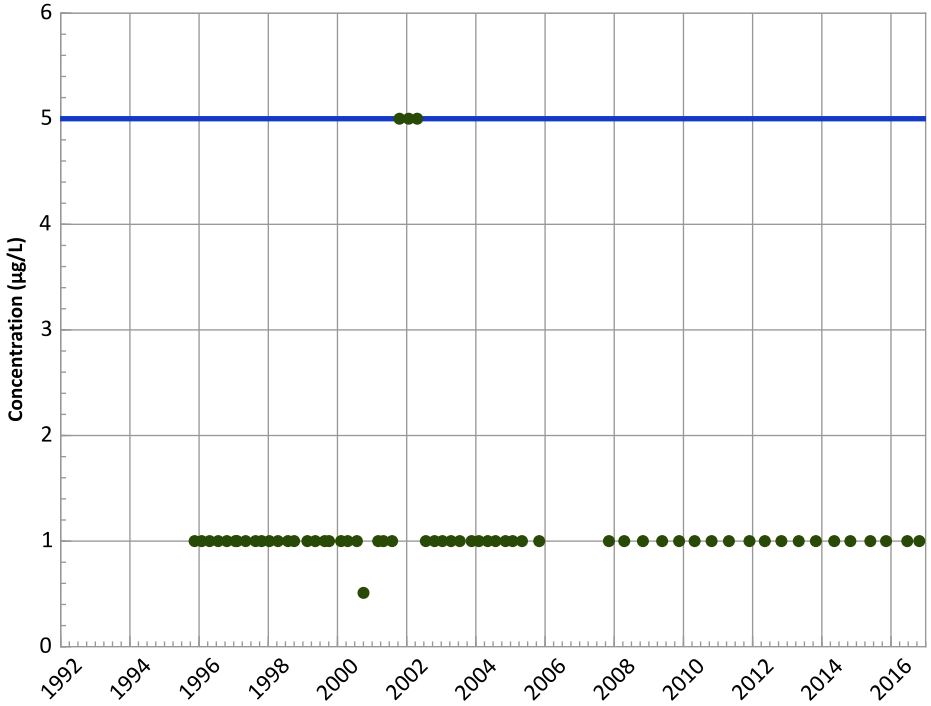


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

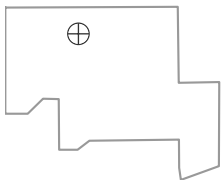
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/15/1995 to 10/26/2016
Analysis Date: 03/07/2017

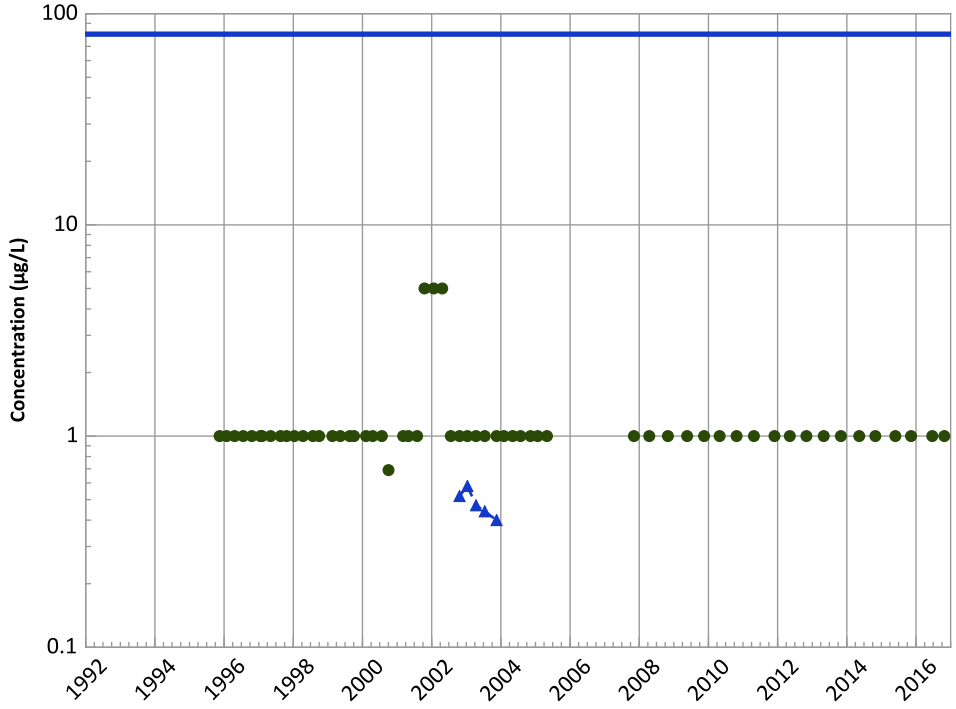
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

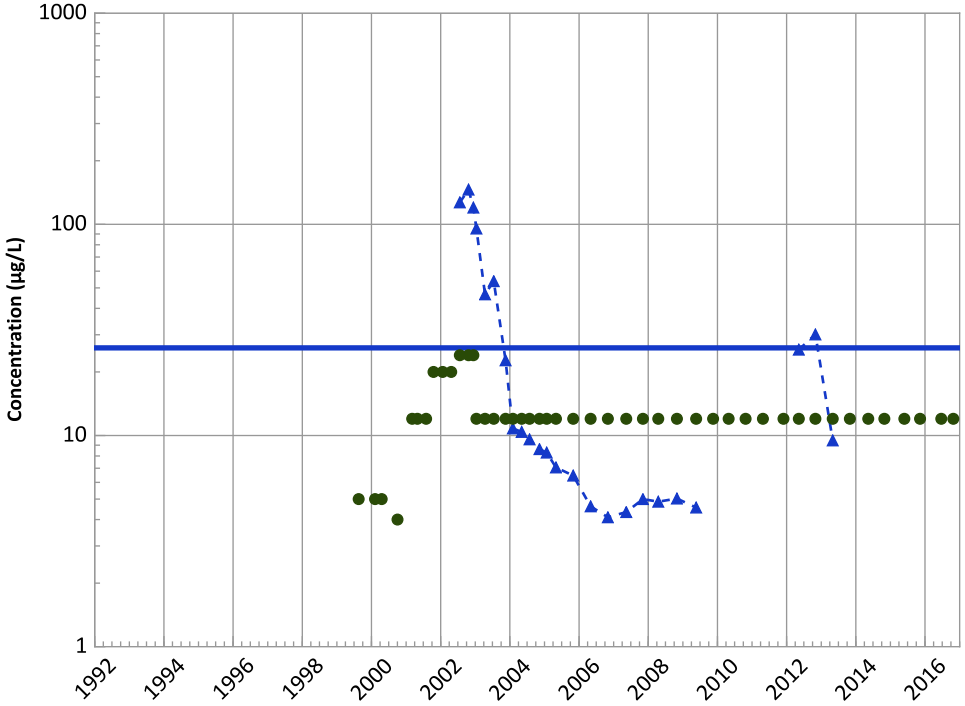


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

Perchlorate Trend



Concentration Trend

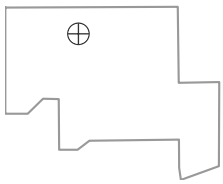
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/15/1995 to 10/26/2016
Analysis Date: 03/07/2017

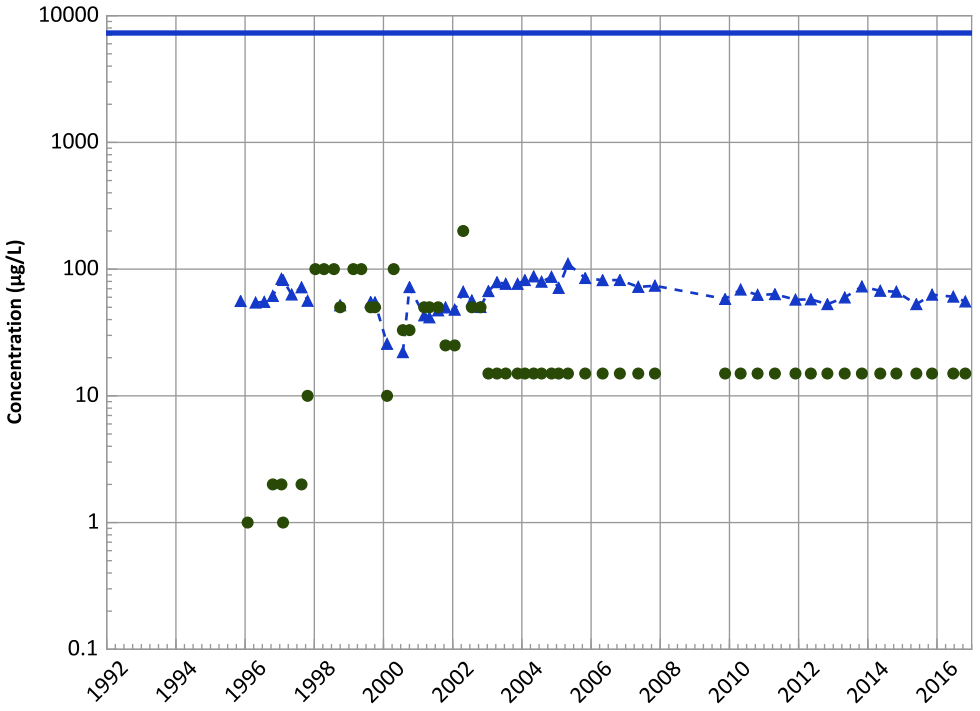
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

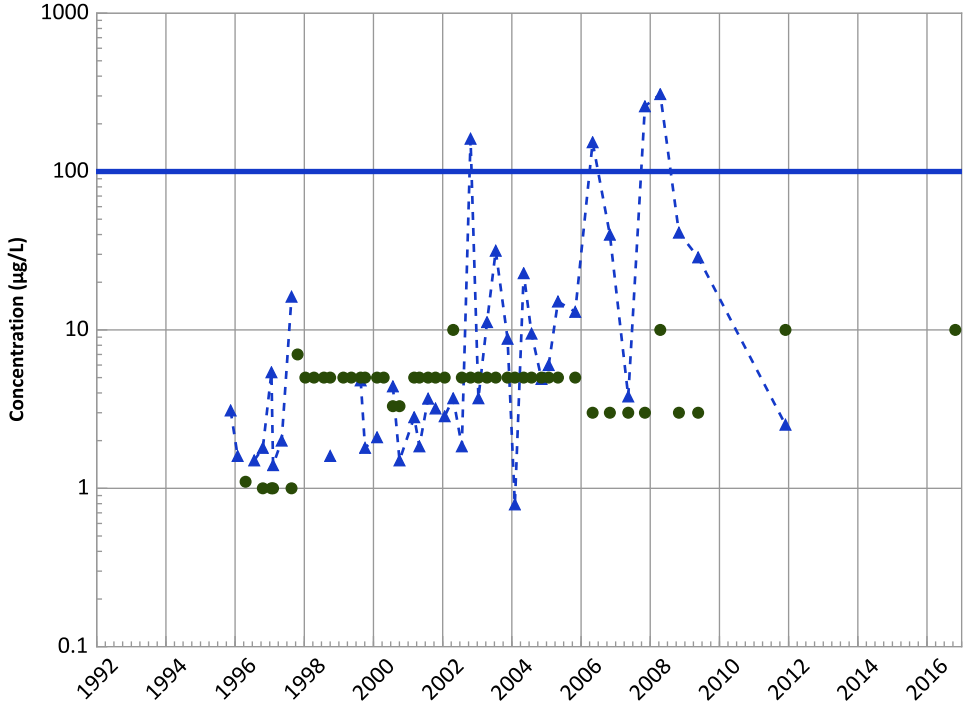


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

Chromium, Total Trend



Concentration Trend

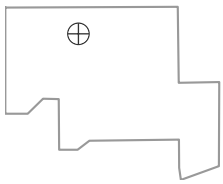
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/15/1995 to 10/26/2016
Analysis Date: 03/07/2017

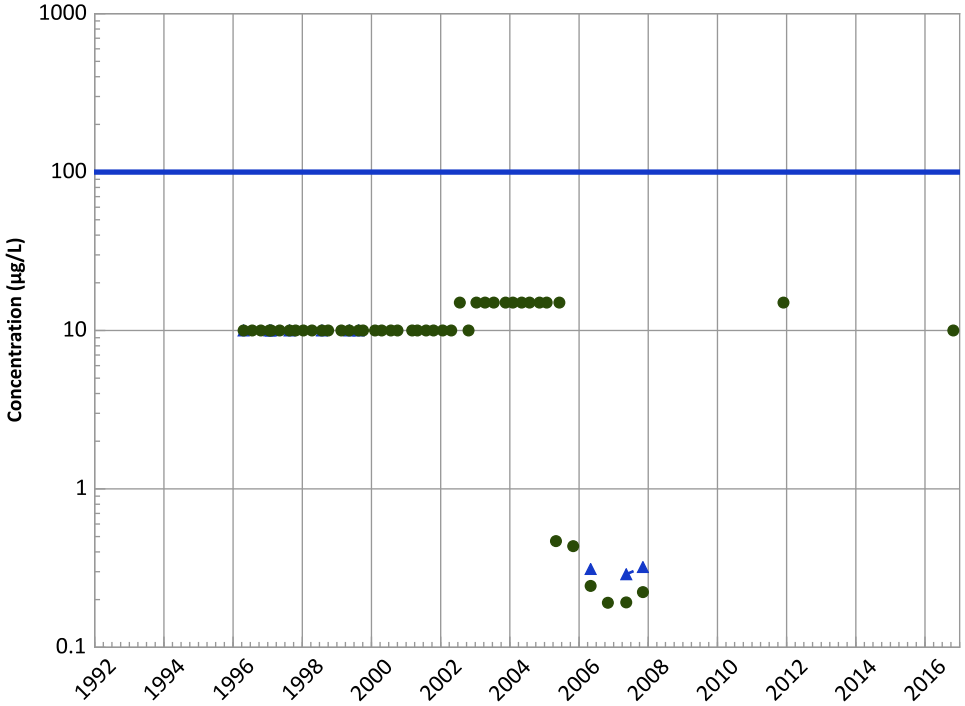
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

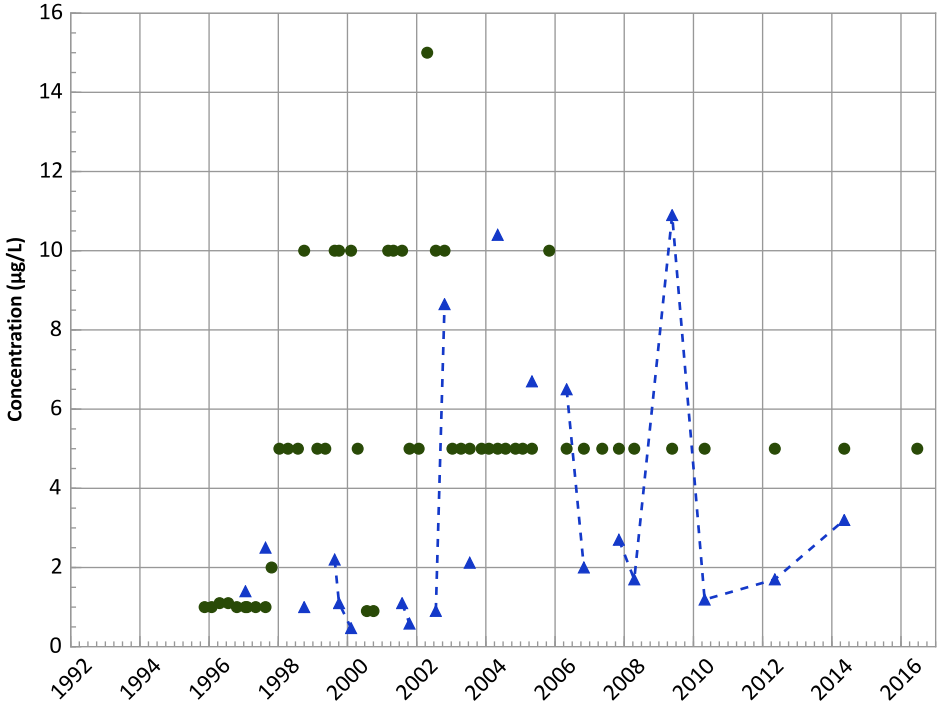


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Manganese Trend



Concentration Trend

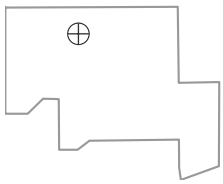
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/15/1995 to 10/26/2016
Analysis Date: 03/07/2017

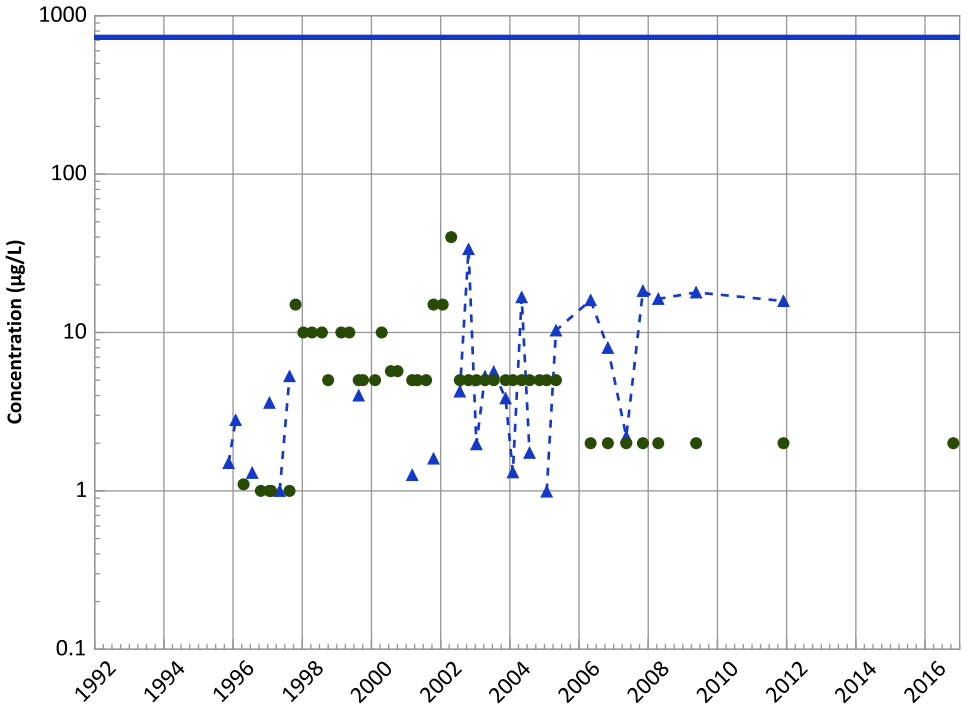
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

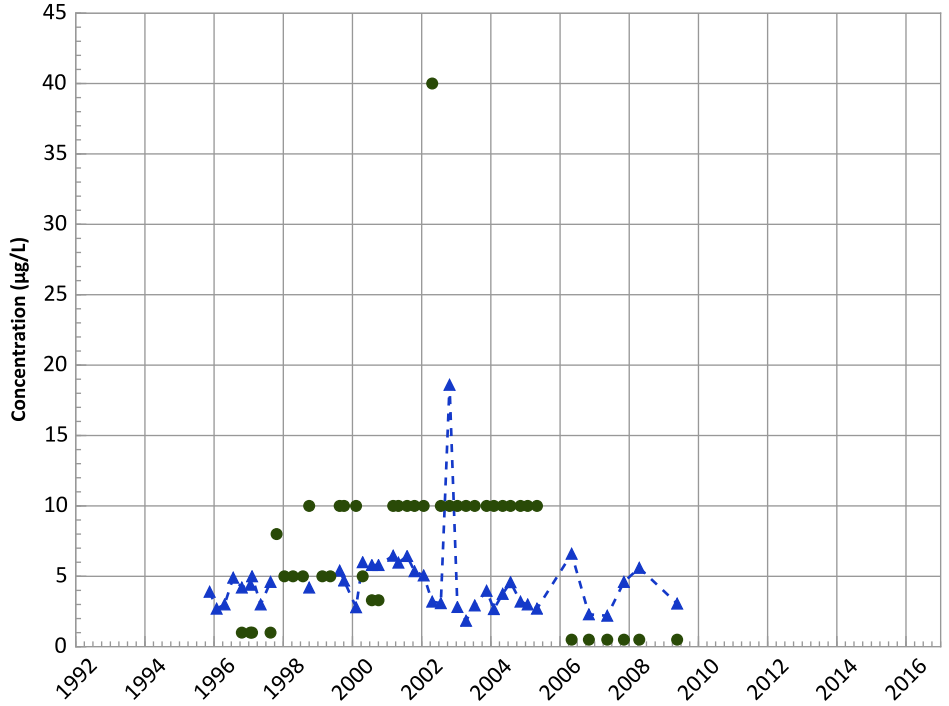


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Molybdenum Trend



Concentration Trend

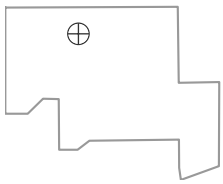
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/15/1995 to 10/26/2016
Analysis Date: 03/07/2017

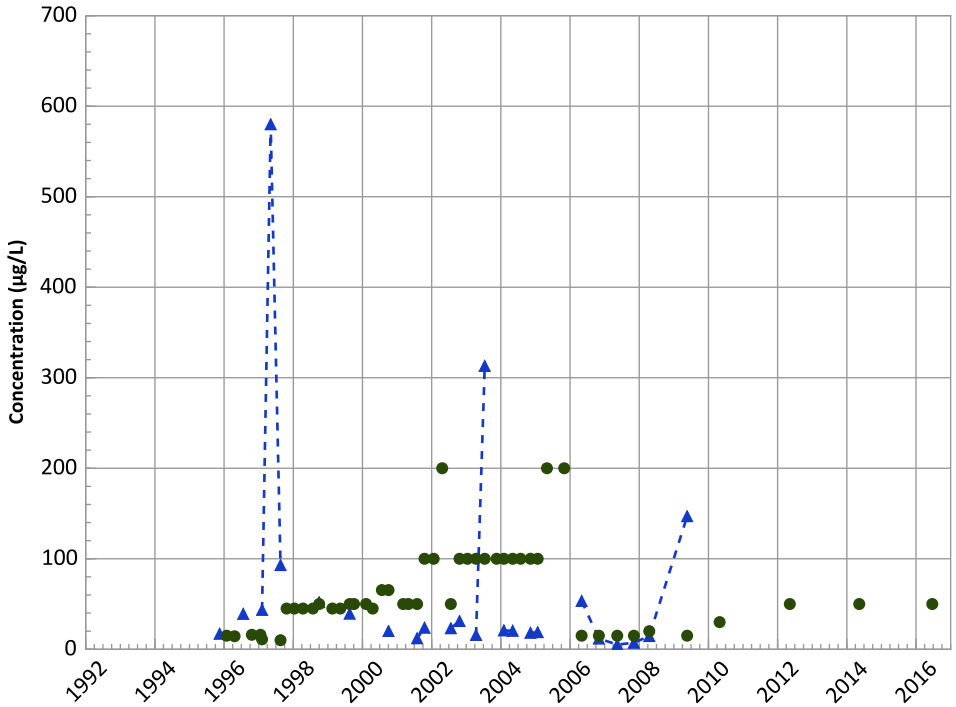
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

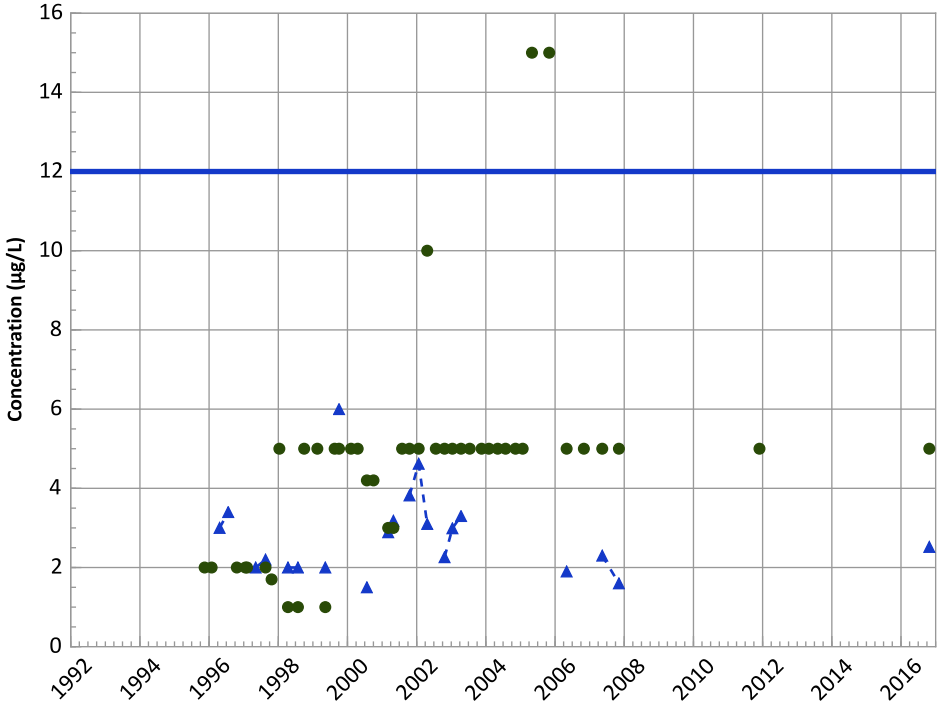


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Probably Decreasing

Arsenic Trend



Concentration Trend

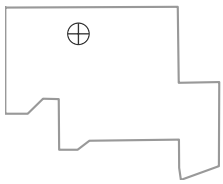
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/15/1995 to 10/26/2016
Analysis Date: 03/07/2017

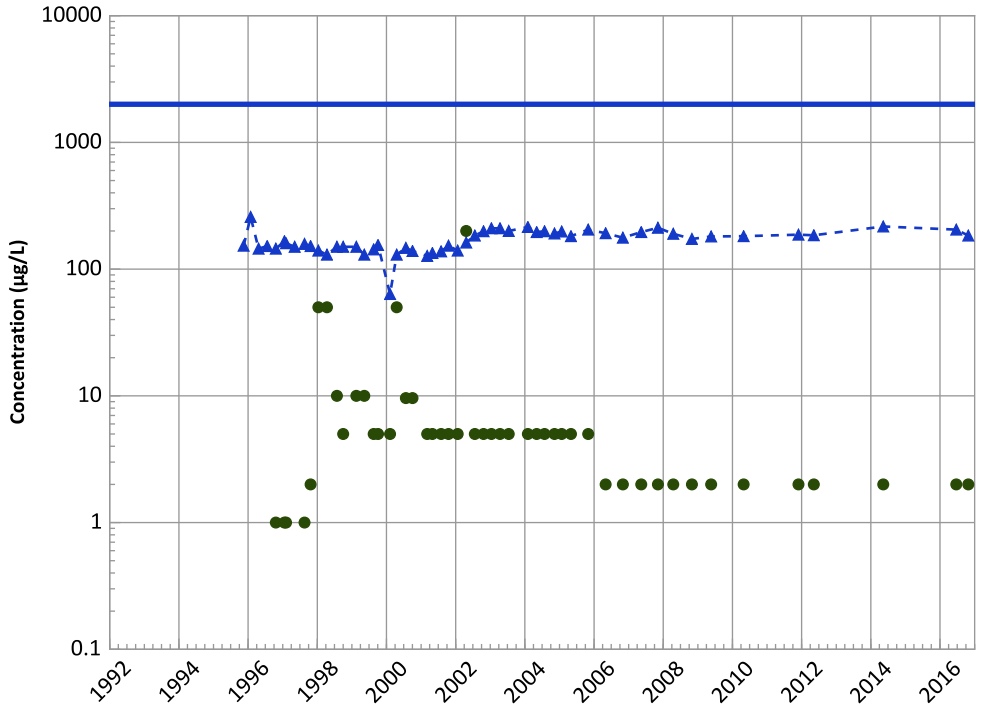
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

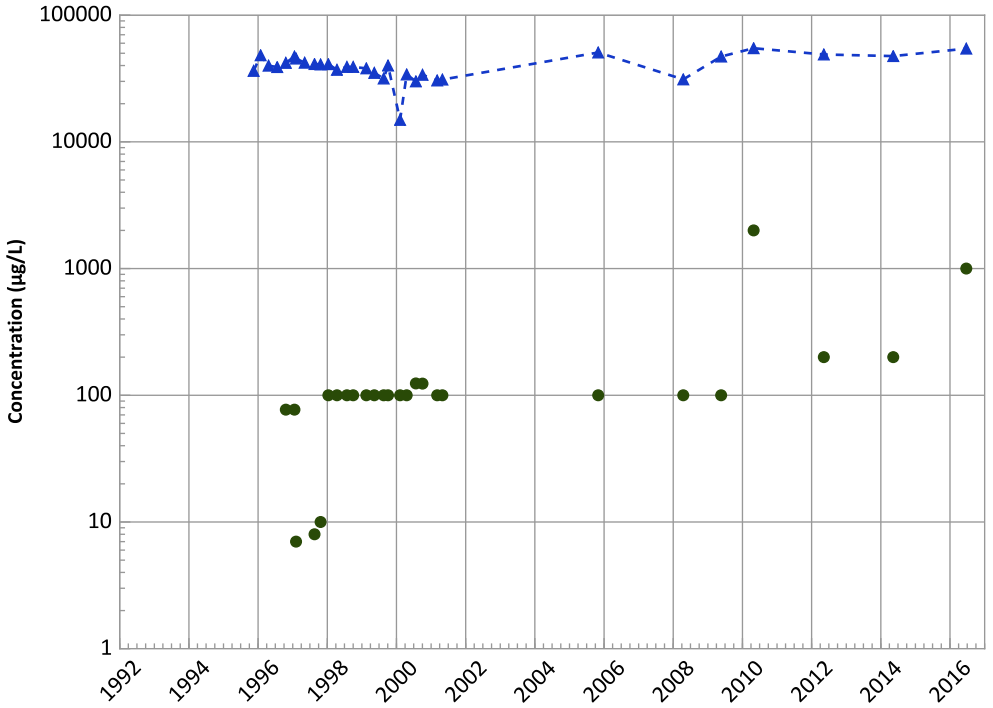


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Calcium Trend



Concentration Trend

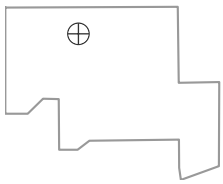
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/15/1995 to 10/26/2016
Analysis Date: 03/07/2017

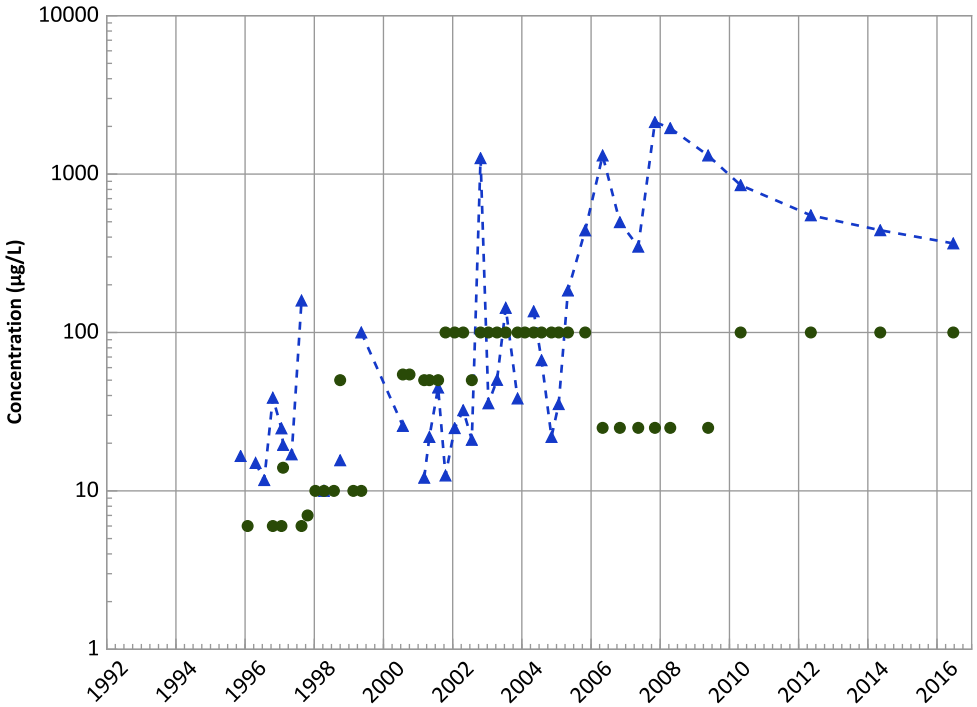
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

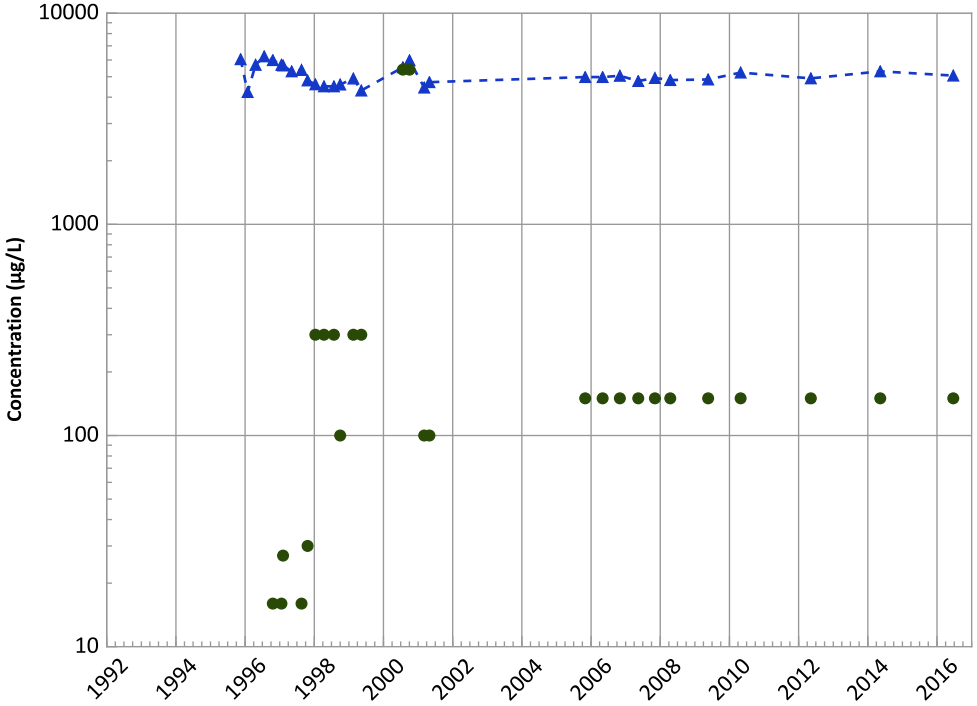


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Potassium Trend



Concentration Trend

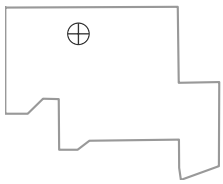
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/15/1995 to 10/26/2016
Analysis Date: 03/07/2017

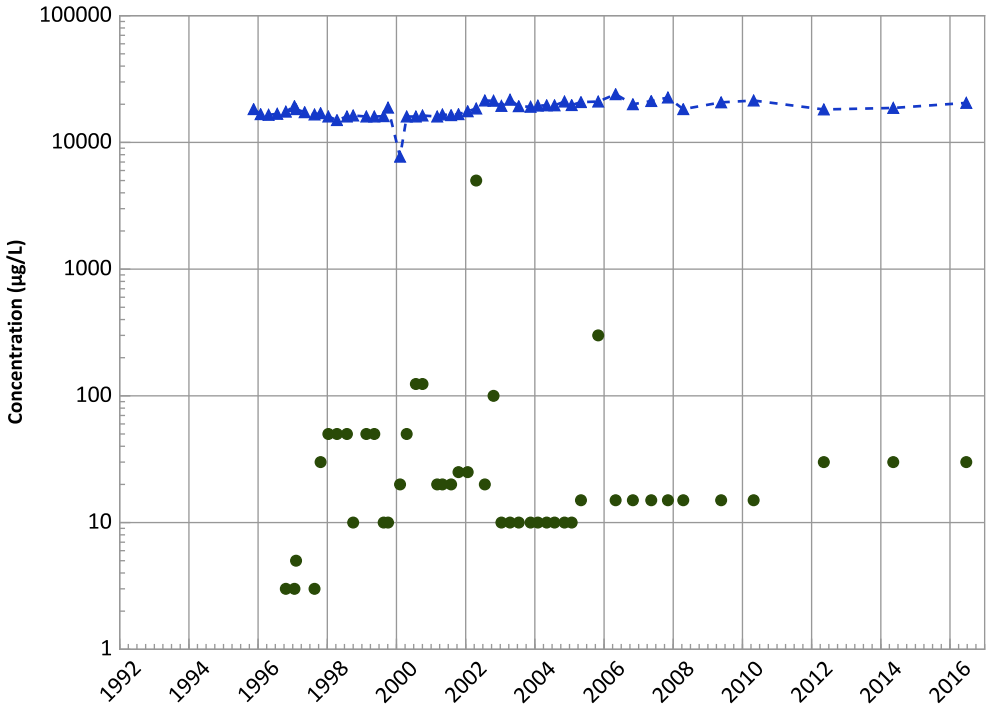
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

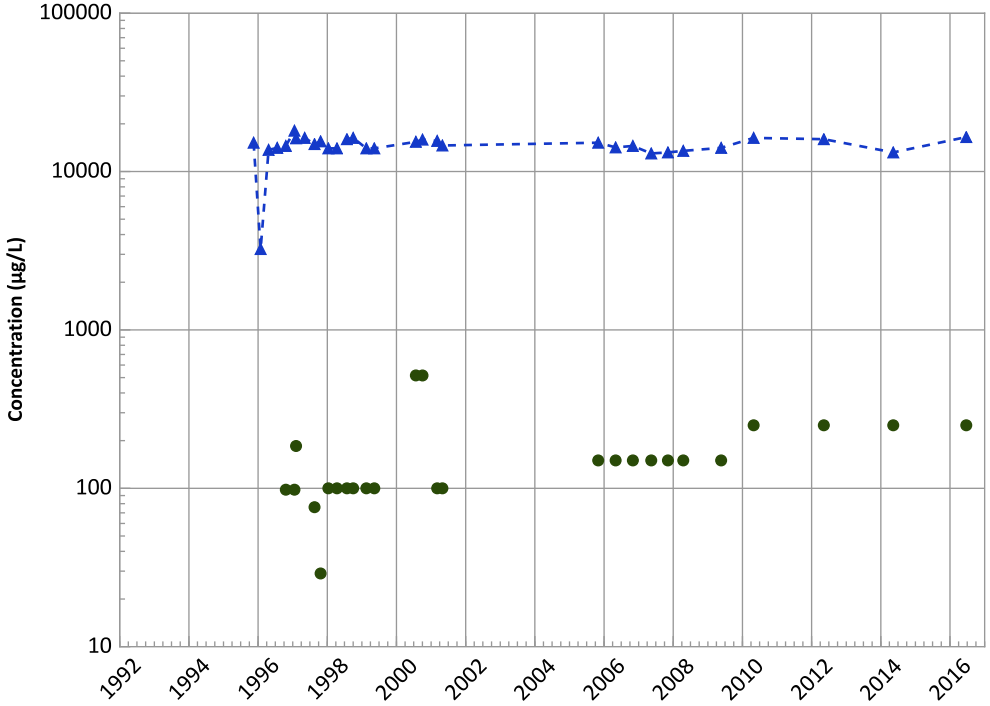


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Sodium Trend



Concentration Trend

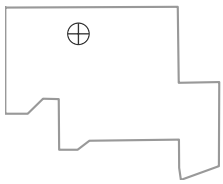
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

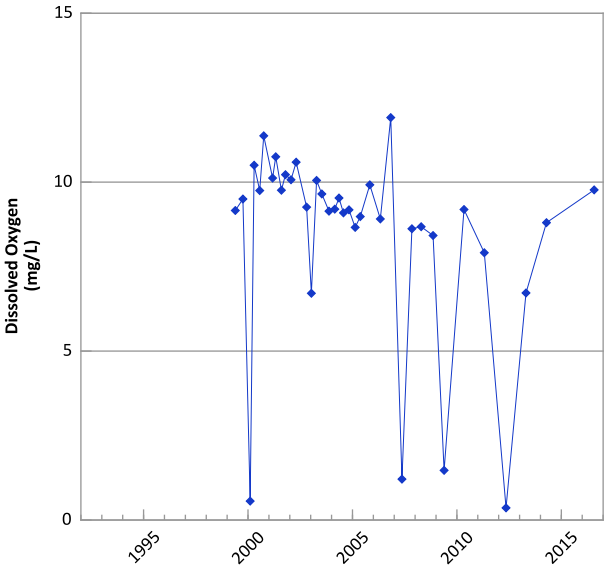
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/15/1995 to 10/26/2016
Analysis Date: 03/07/2017

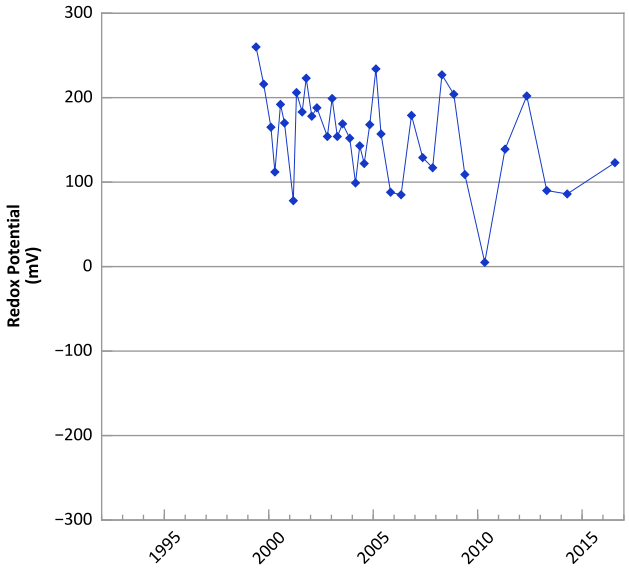
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

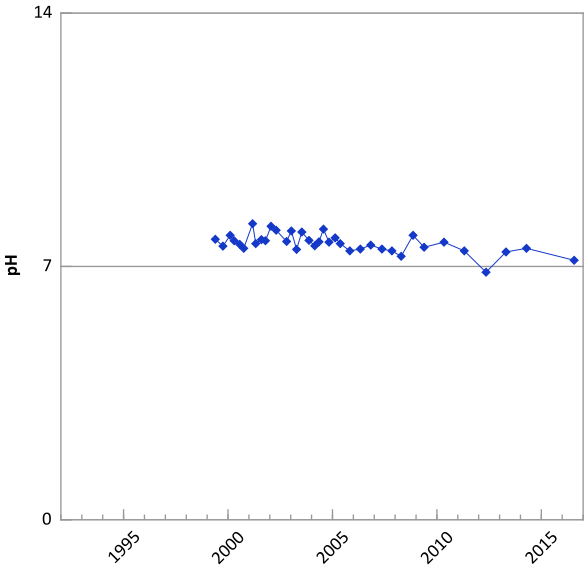
Well Location

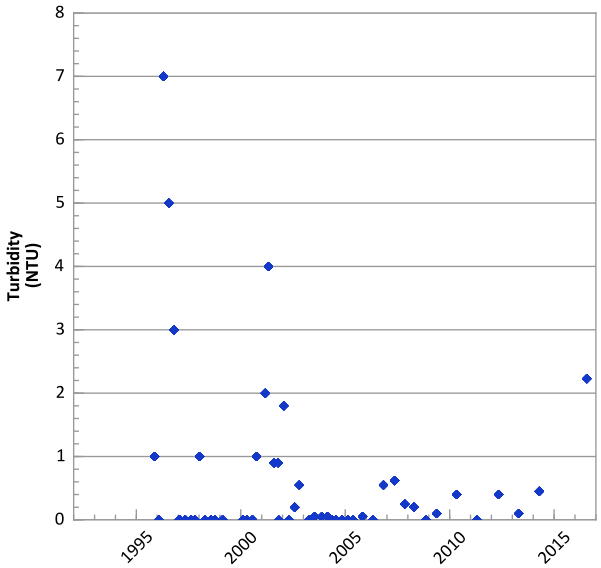


PTX01-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



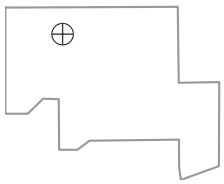






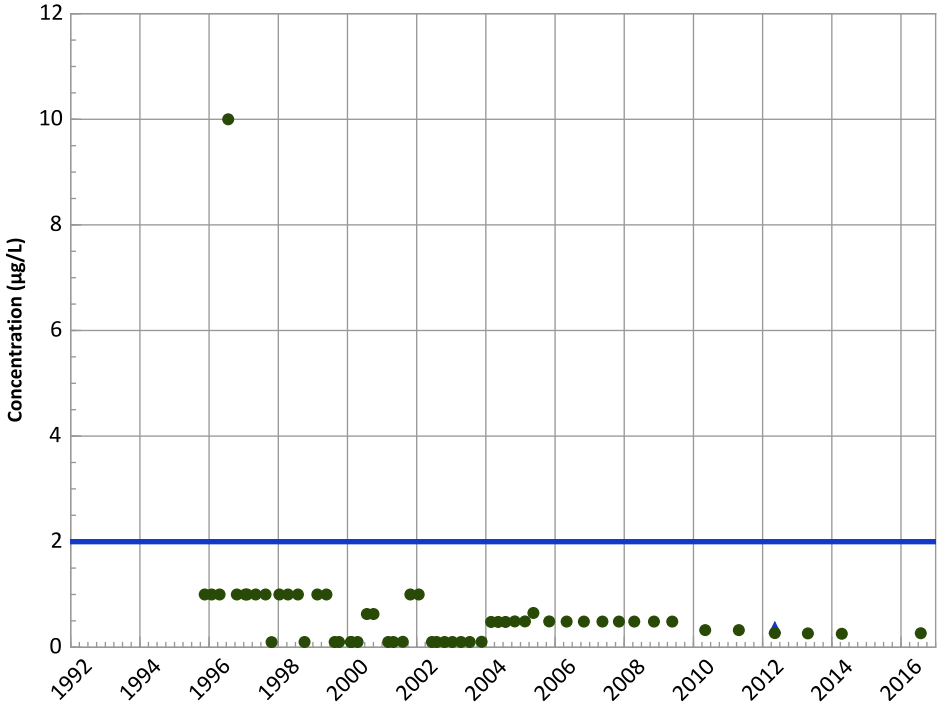
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/16/1995 to 07/28/2016
Analysis Date: 03/07/2017

Well Location



PTX01-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

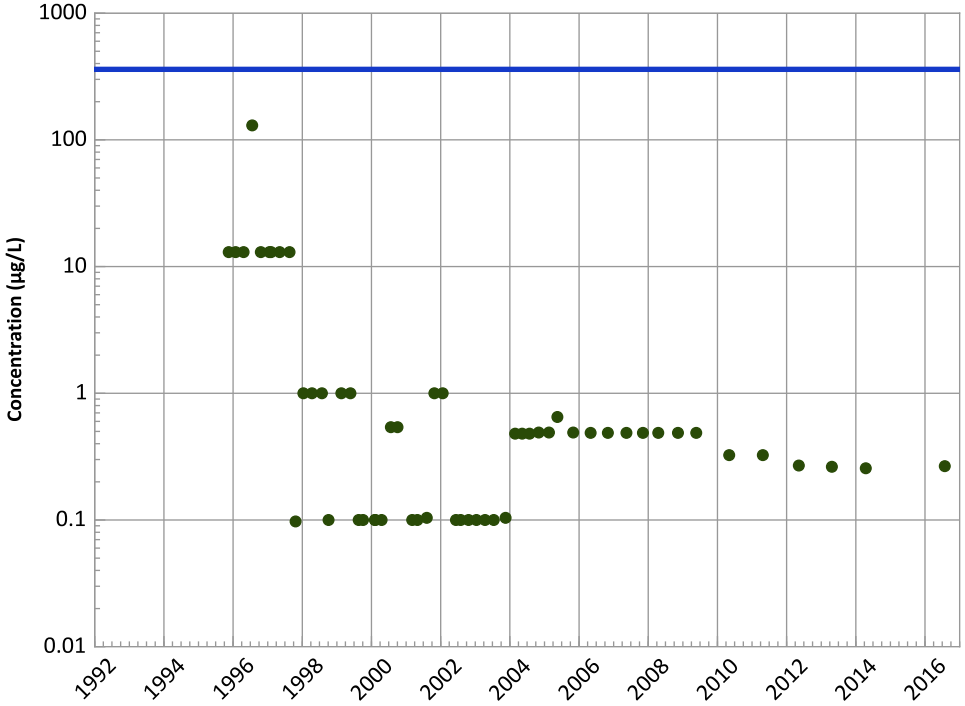


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

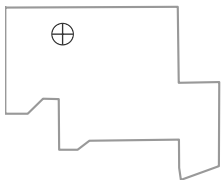
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/16/1995 to 07/28/2016
Analysis Date: 03/07/2017

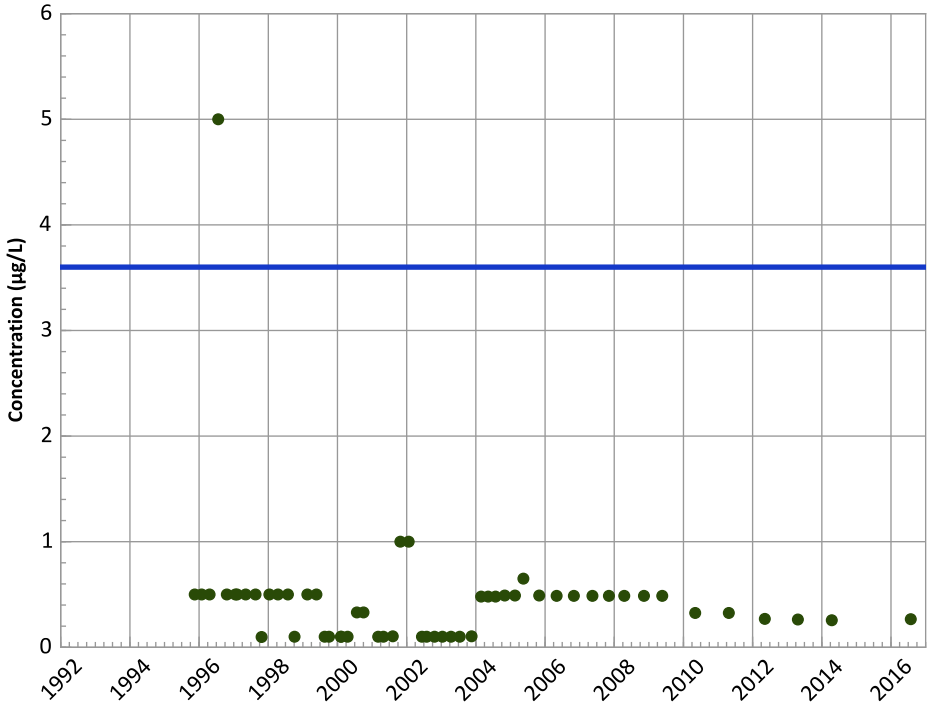
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

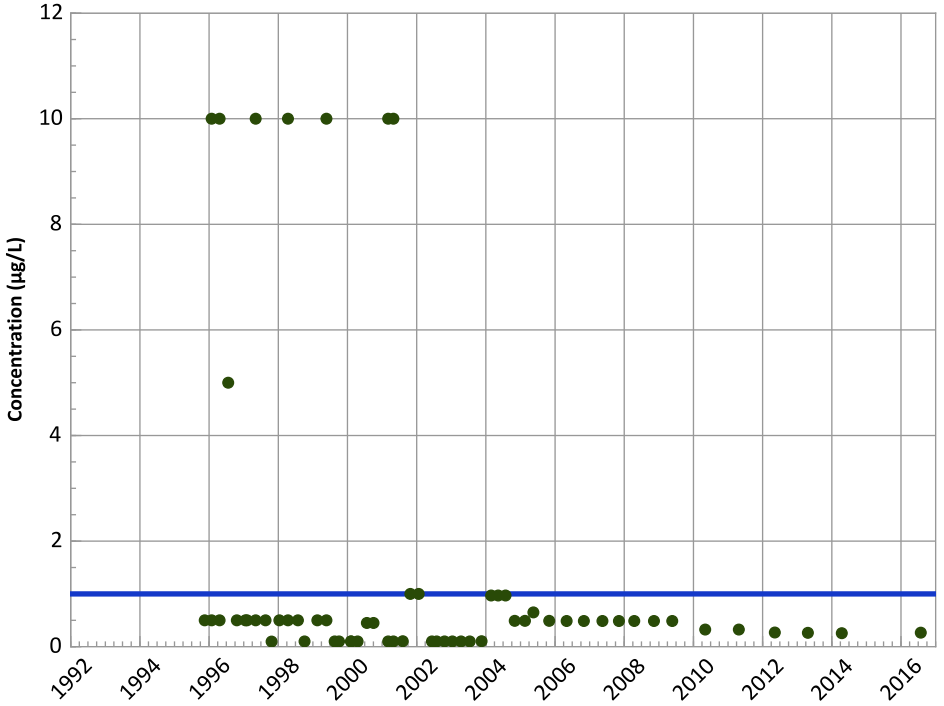


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

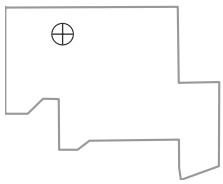
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/16/1995 to 07/28/2016
Analysis Date: 03/07/2017

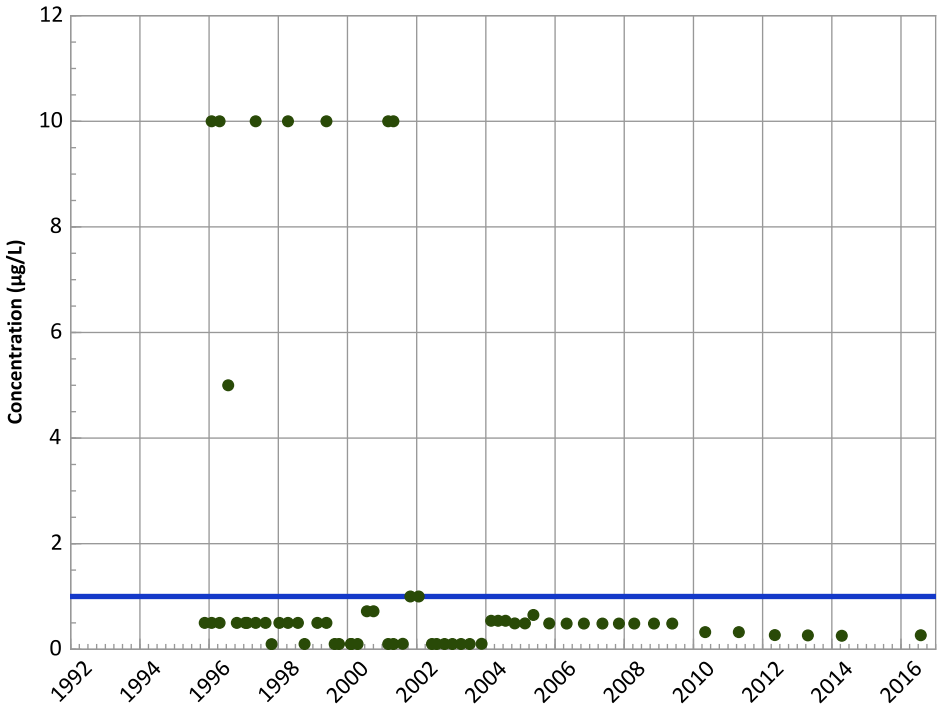
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

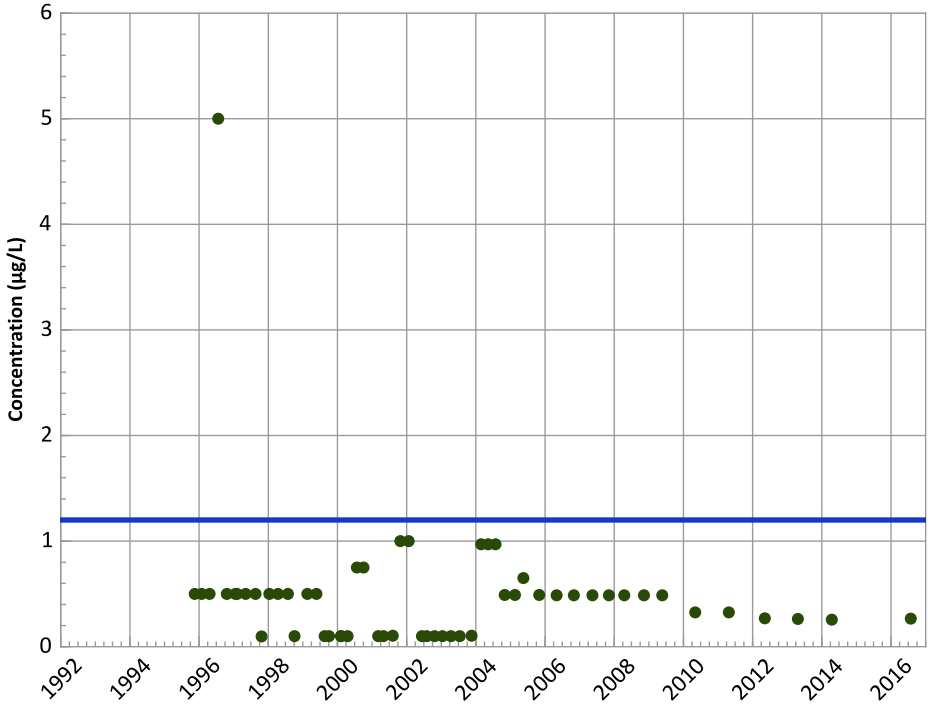


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

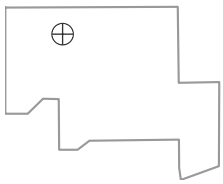
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/16/1995 to 07/28/2016
Analysis Date: 03/07/2017

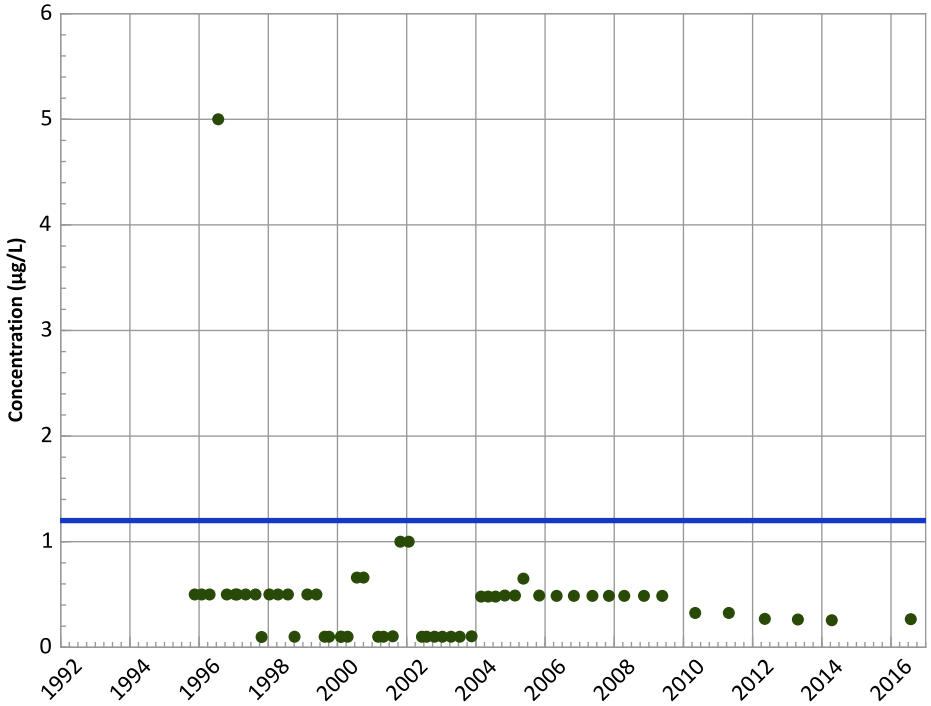
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

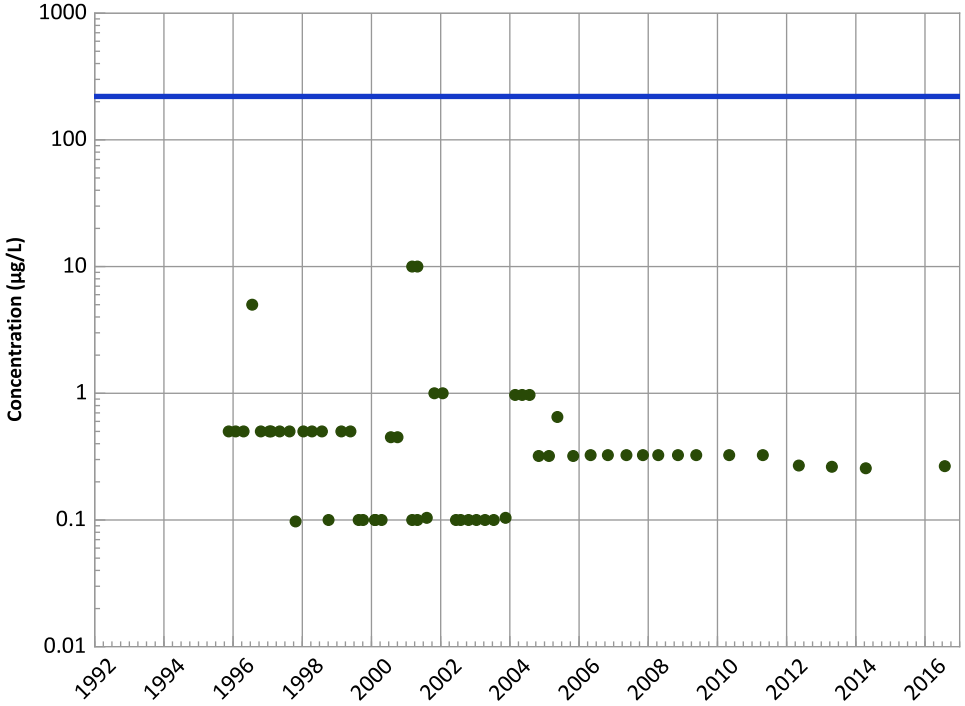


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

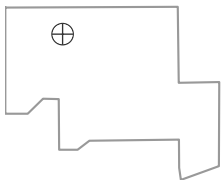
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/16/1995 to 07/28/2016
Analysis Date: 03/07/2017

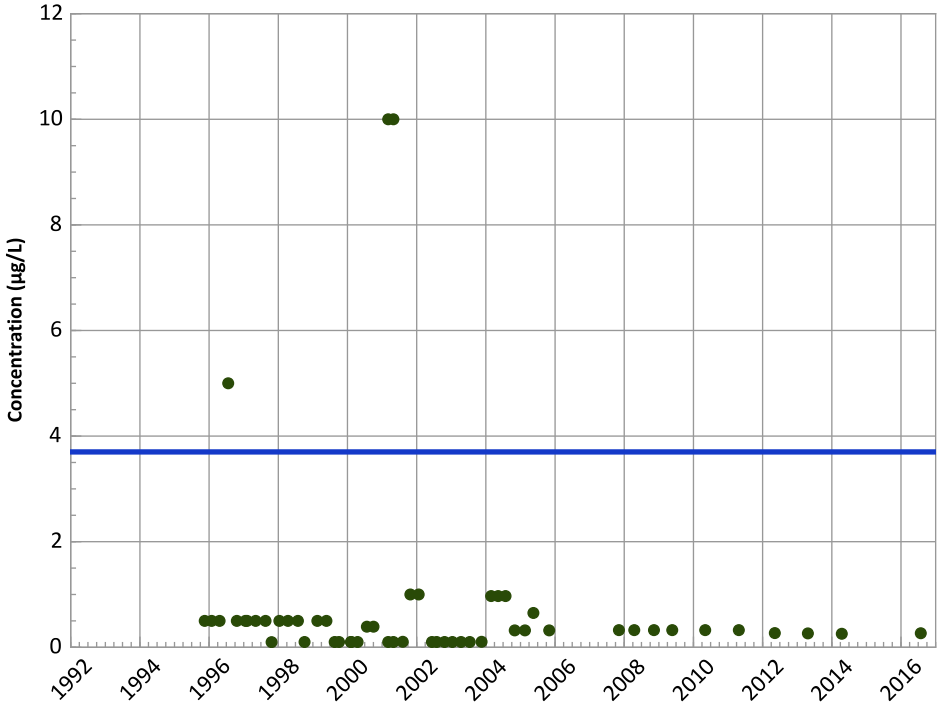
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

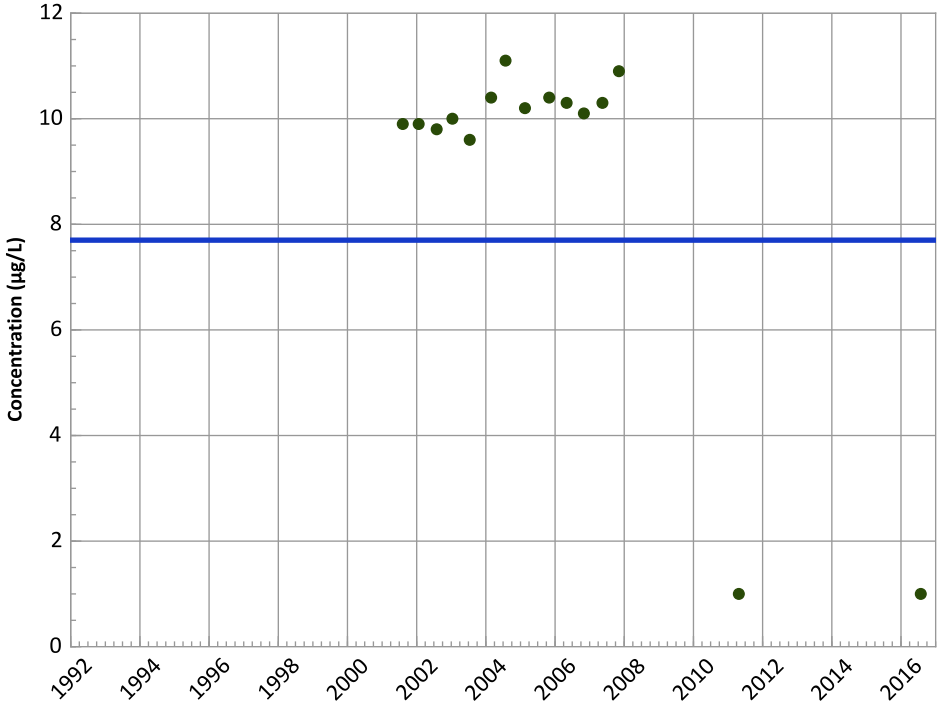


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

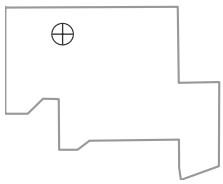
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/16/1995 to 07/28/2016
Analysis Date: 03/07/2017

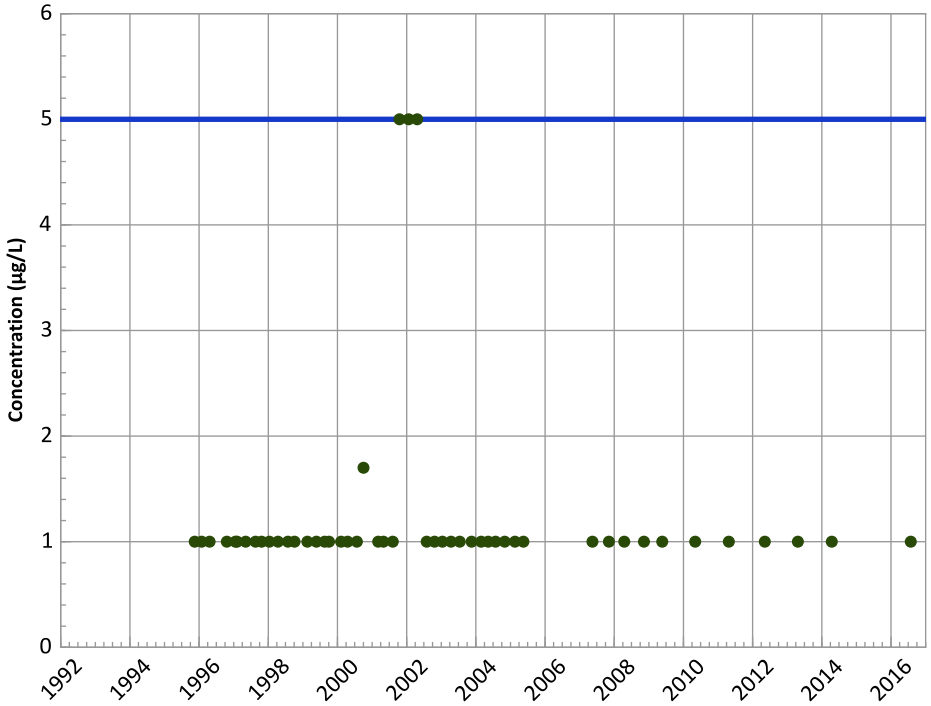
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

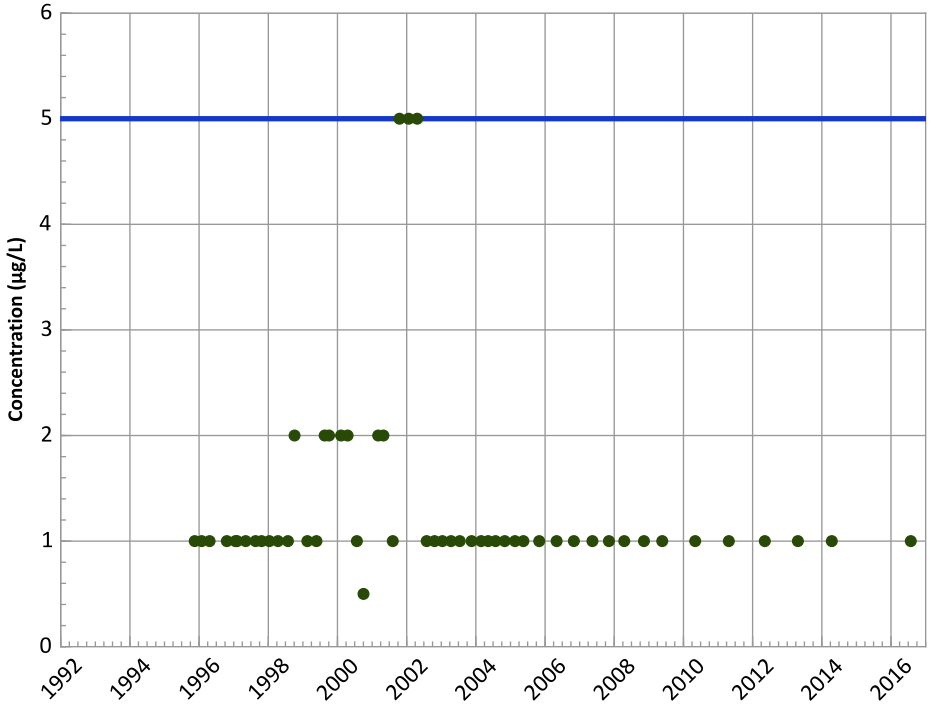


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

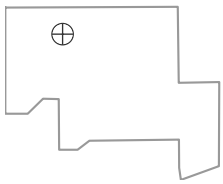
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/16/1995 to 07/28/2016
Analysis Date: 03/07/2017

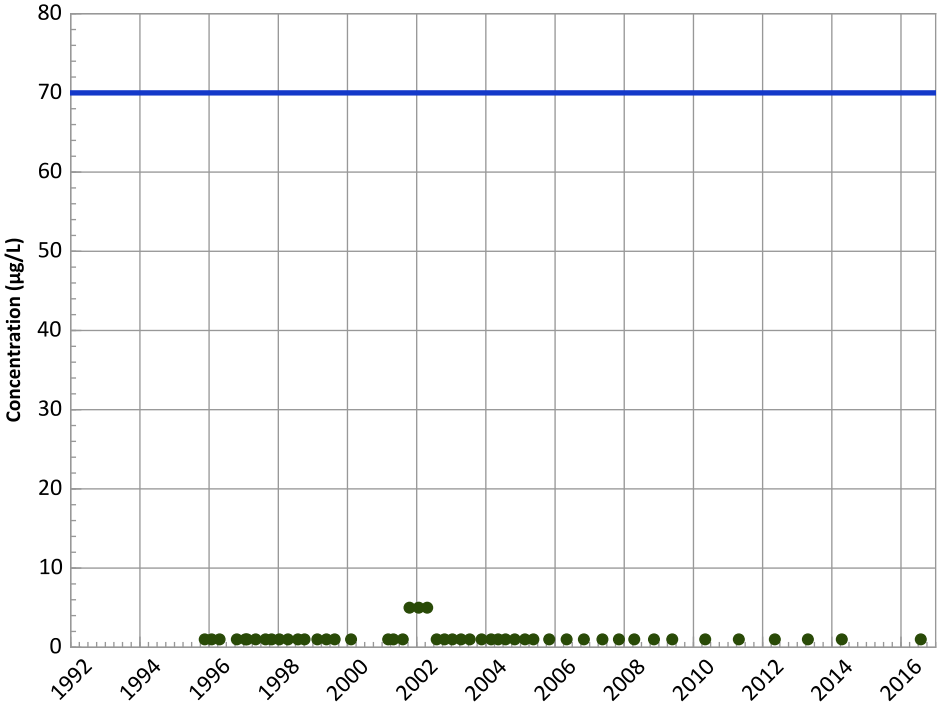
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

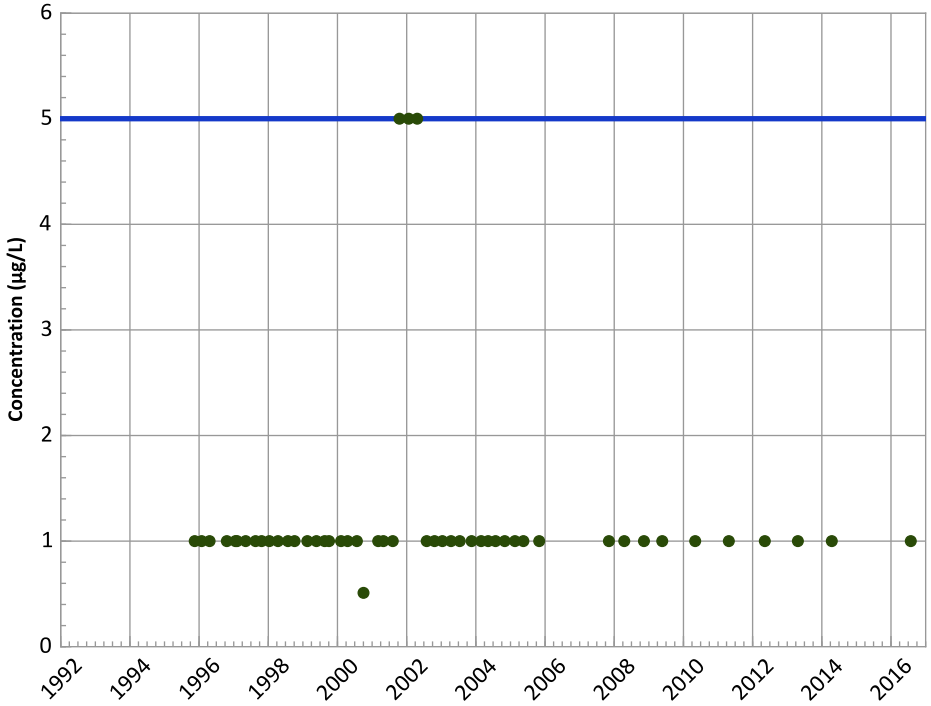


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

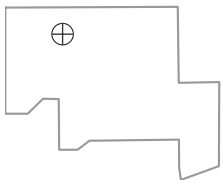
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/16/1995 to 07/28/2016
Analysis Date: 03/07/2017

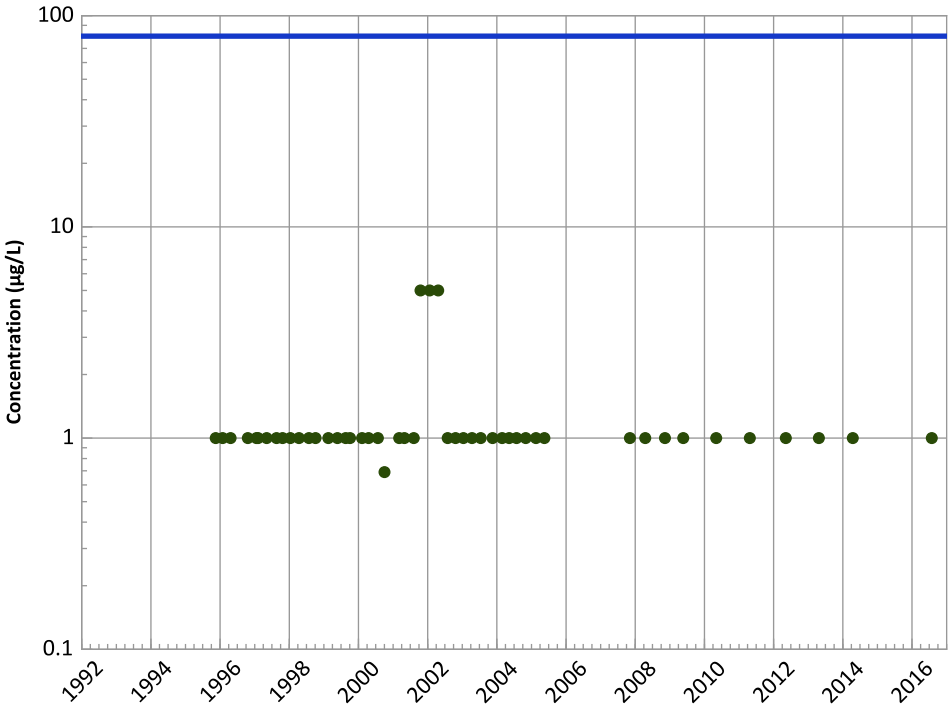
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ——— Groundwater Protection Standard

Well Location



PTX01-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

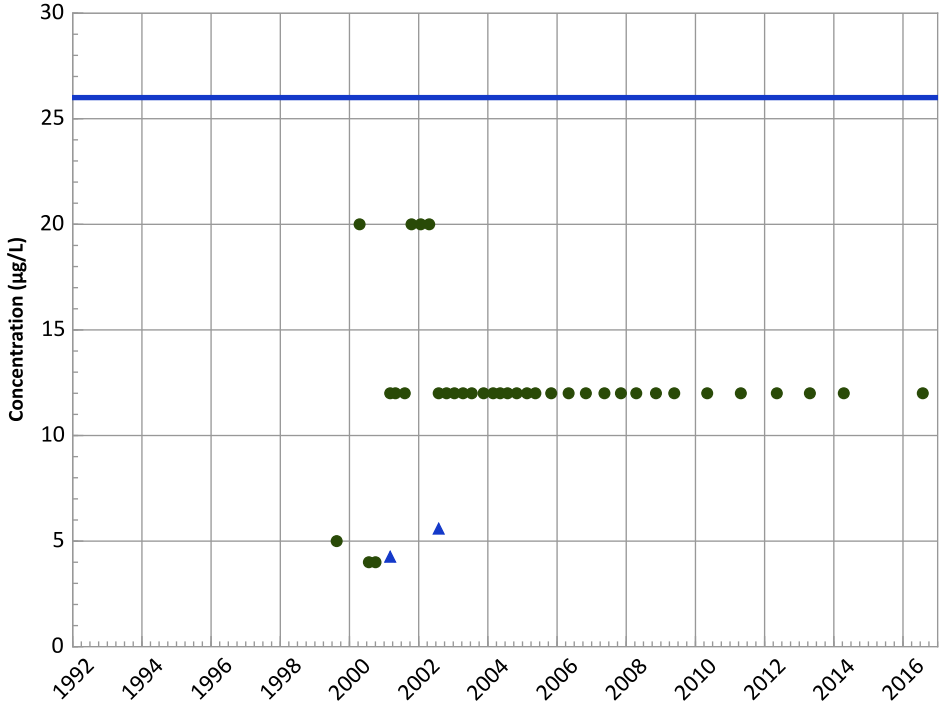


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

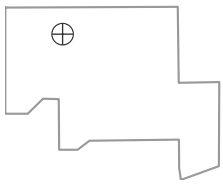
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/16/1995 to 07/28/2016
Analysis Date: 03/07/2017

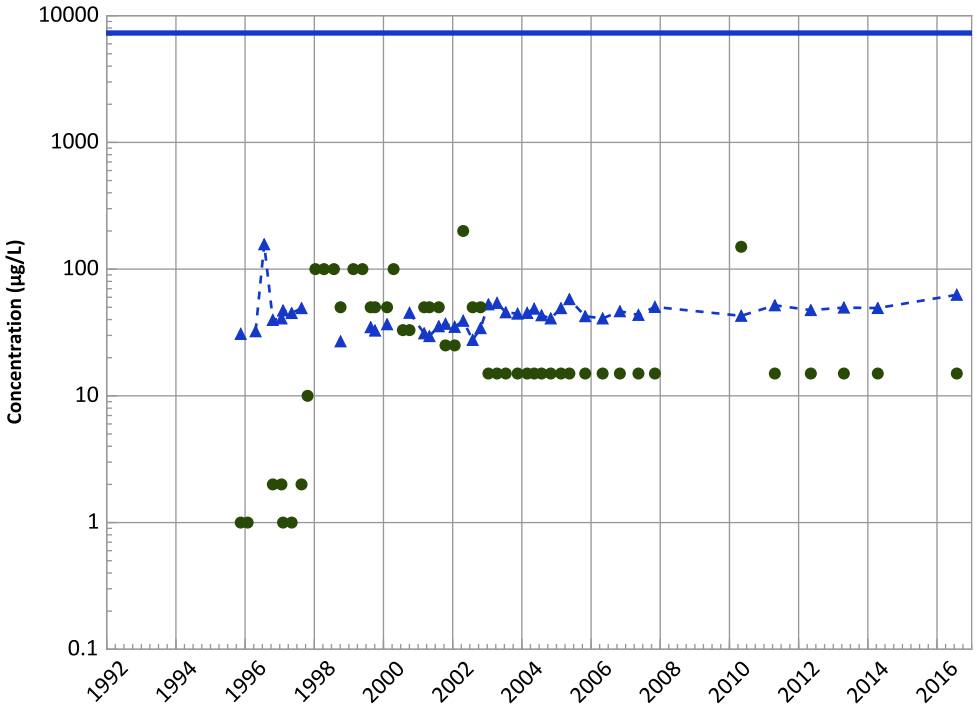
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

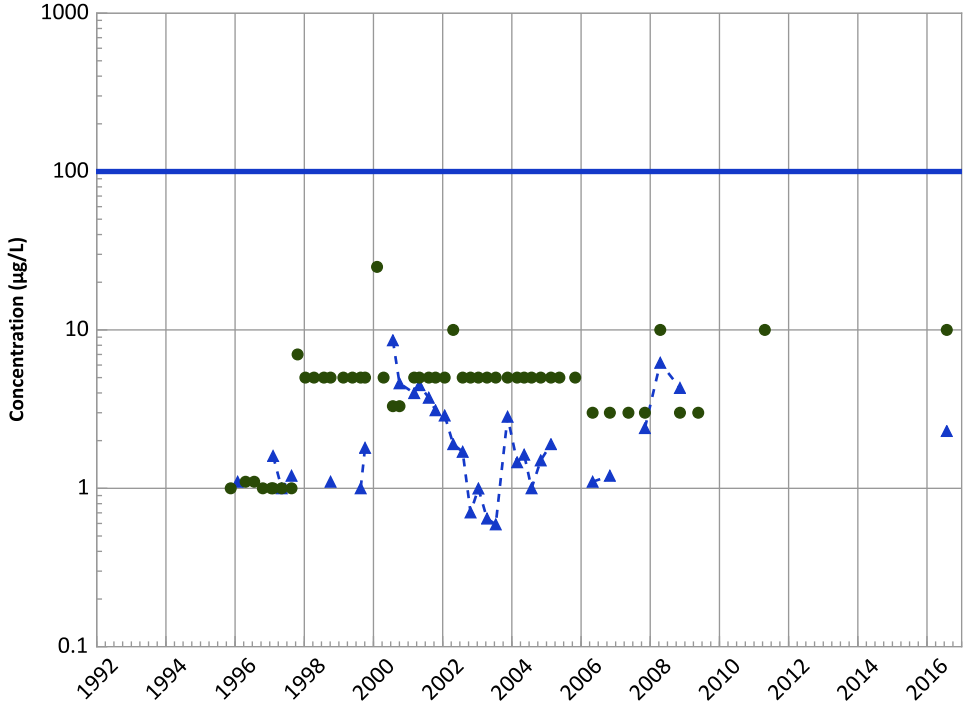


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Probably Increasing

Chromium, Total Trend



Concentration Trend

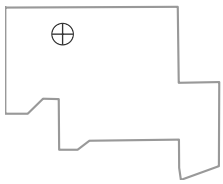
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/16/1995 to 07/28/2016
Analysis Date: 03/07/2017

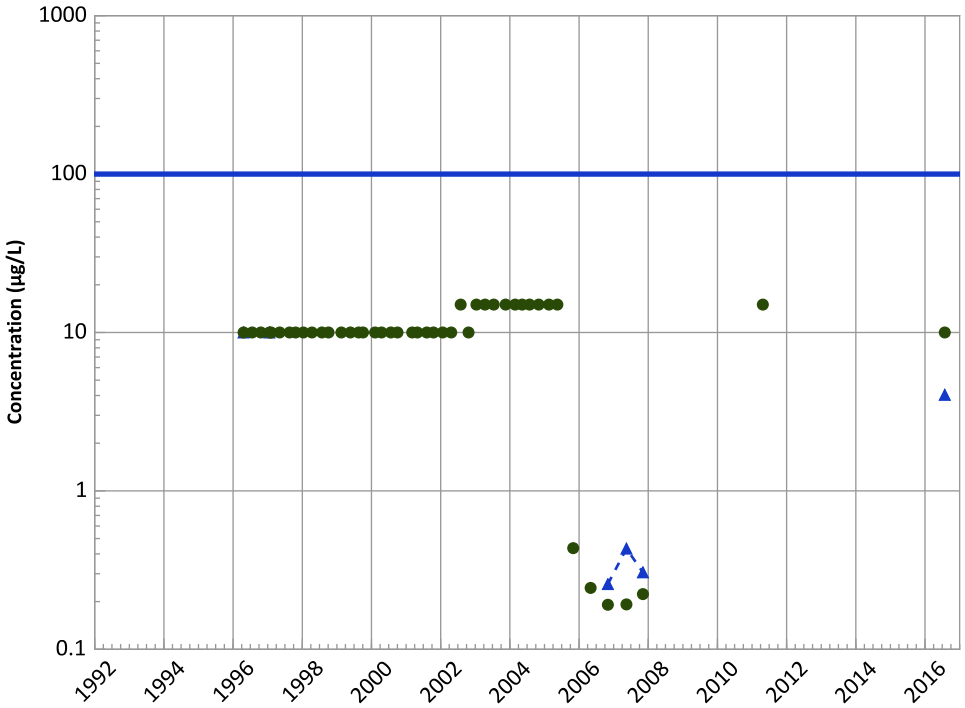
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

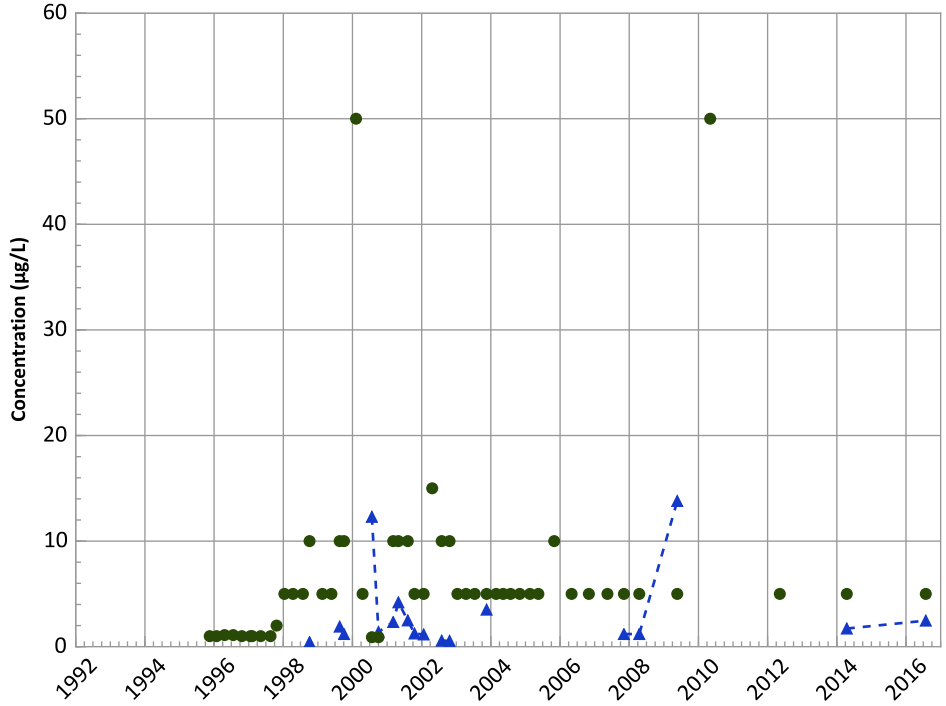


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Manganese Trend



Concentration Trend

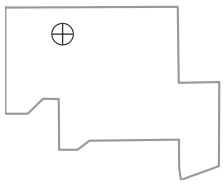
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/16/1995 to 07/28/2016
Analysis Date: 03/07/2017

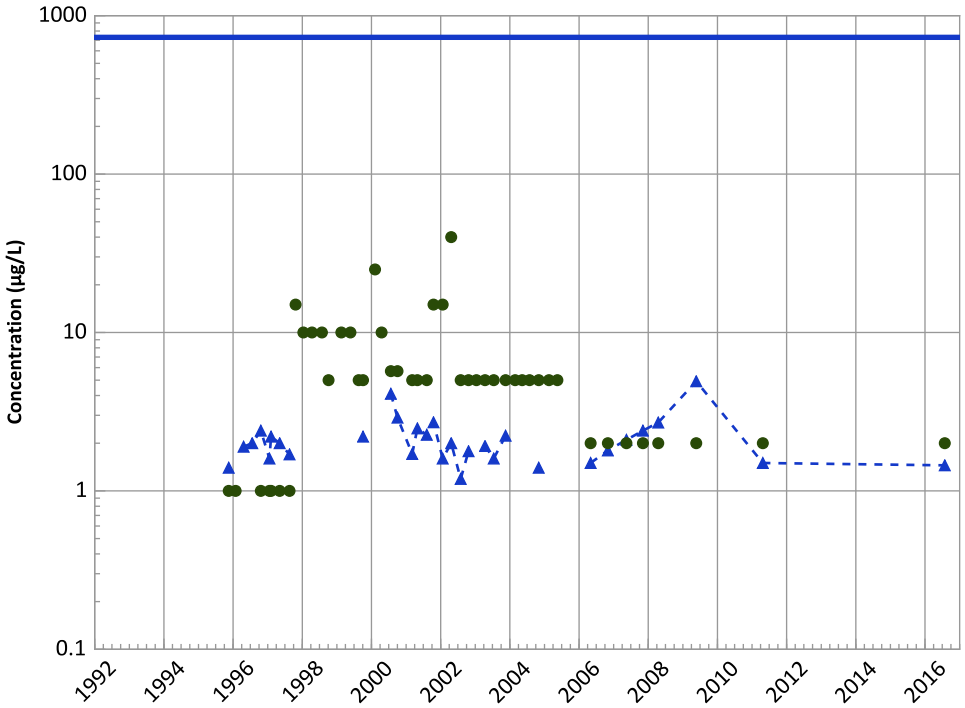
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

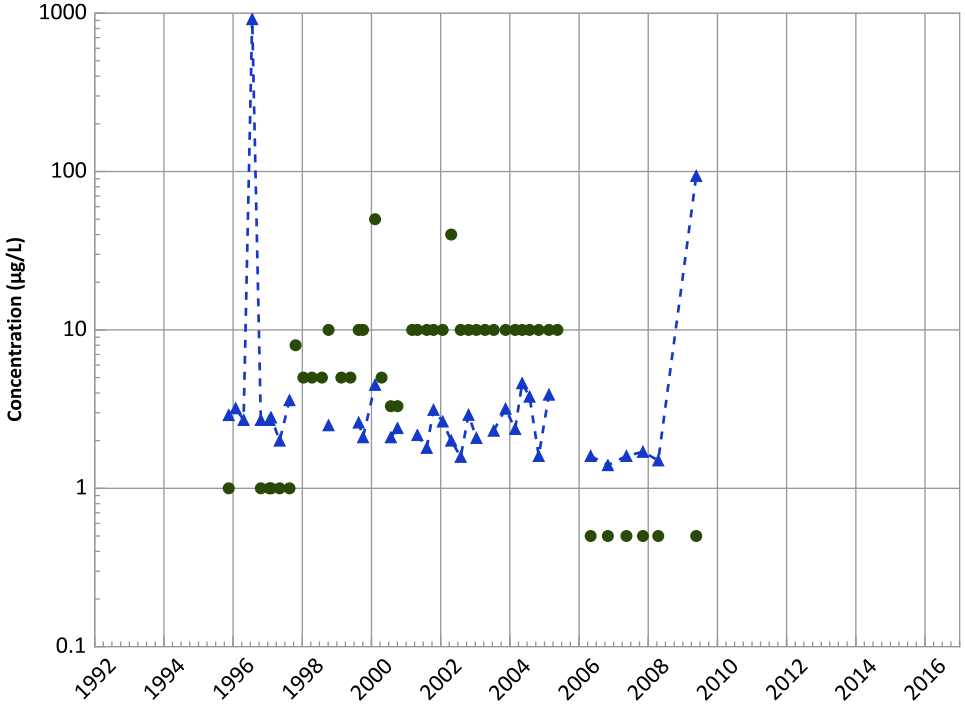


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Molybdenum Trend



Concentration Trend

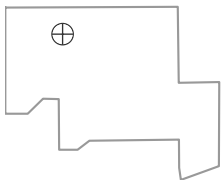
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/16/1995 to 07/28/2016
Analysis Date: 03/07/2017

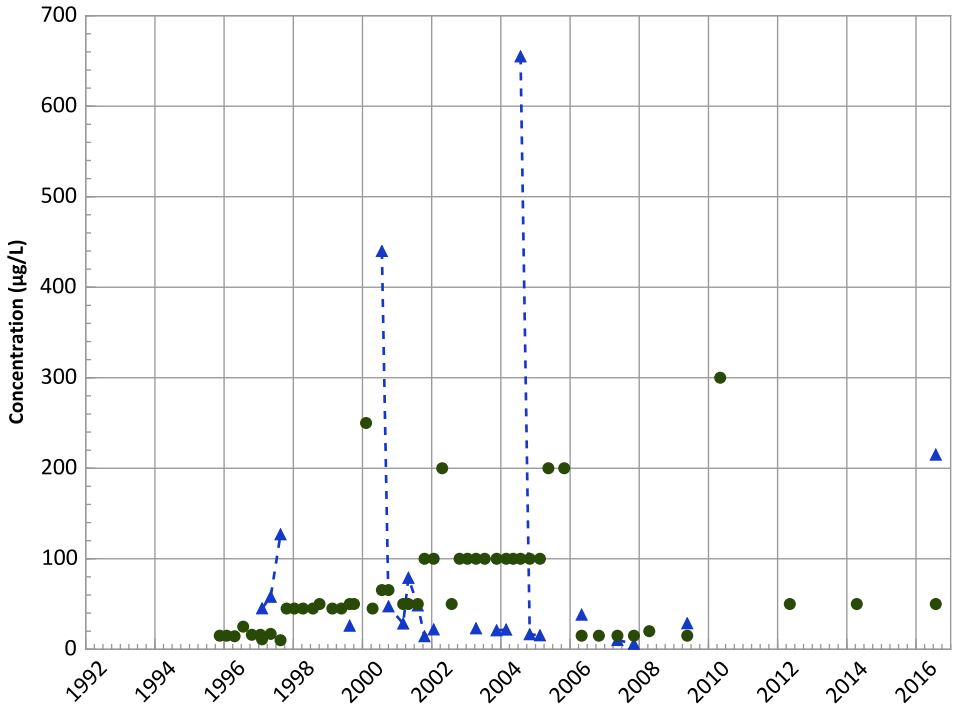
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

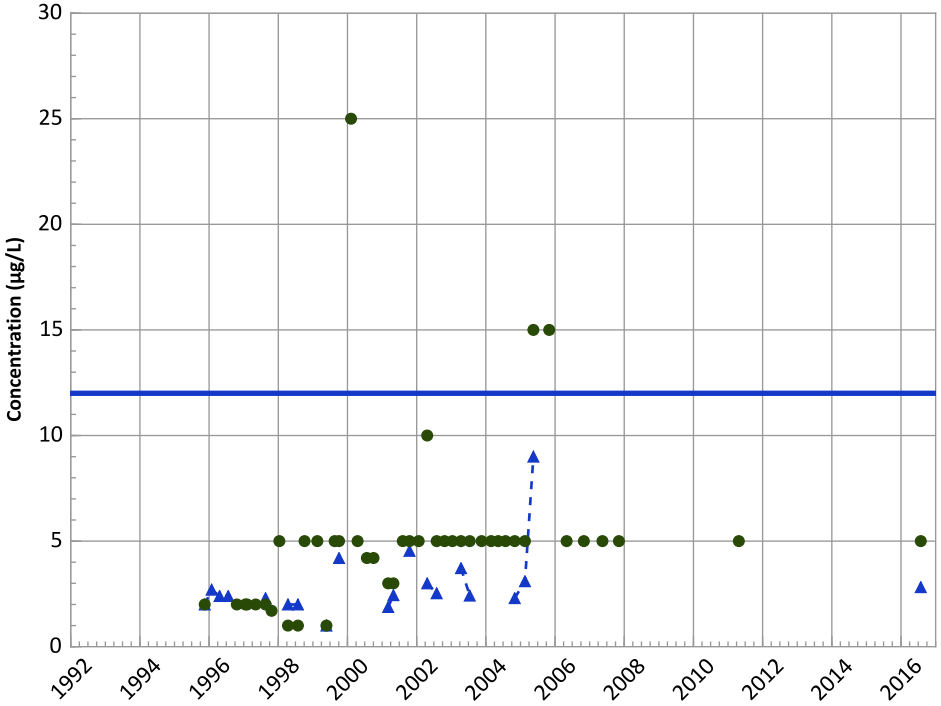


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Arsenic Trend



Concentration Trend

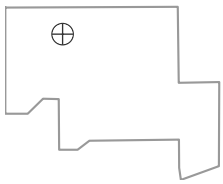
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/16/1995 to 07/28/2016
Analysis Date: 03/07/2017

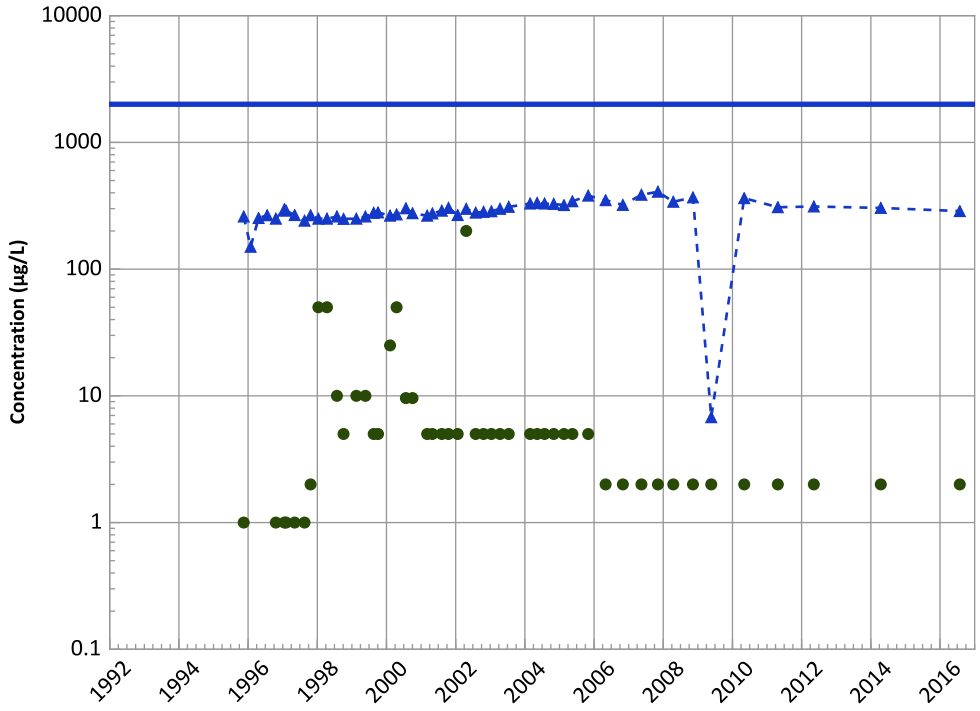
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

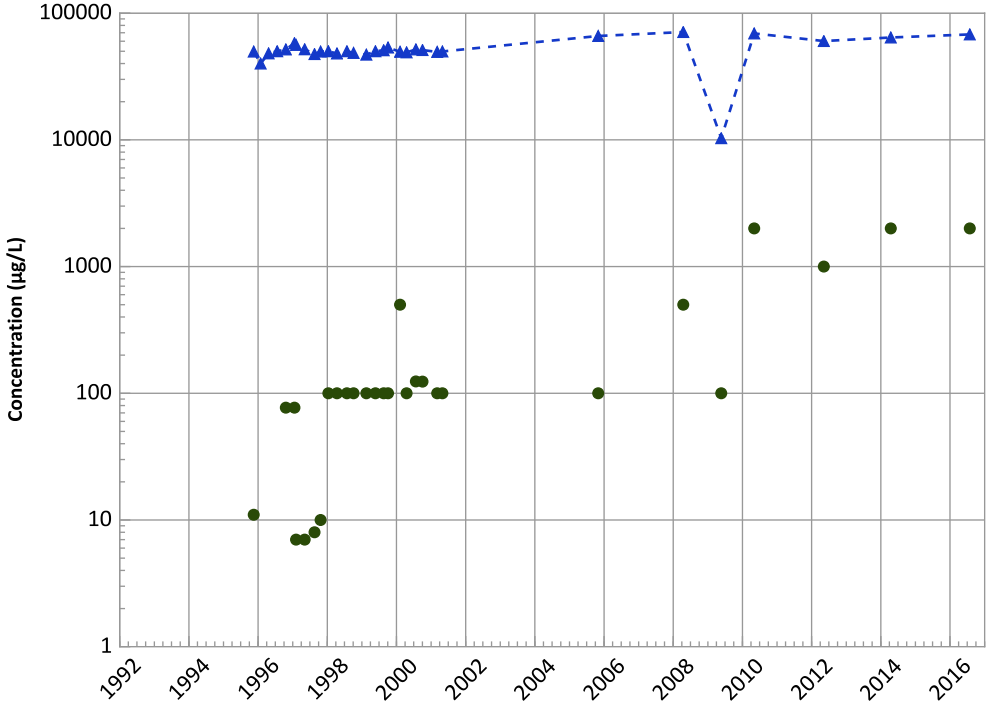


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Calcium Trend



Concentration Trend

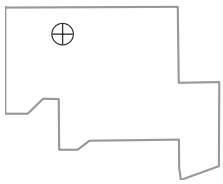
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/16/1995 to 07/28/2016
Analysis Date: 03/07/2017

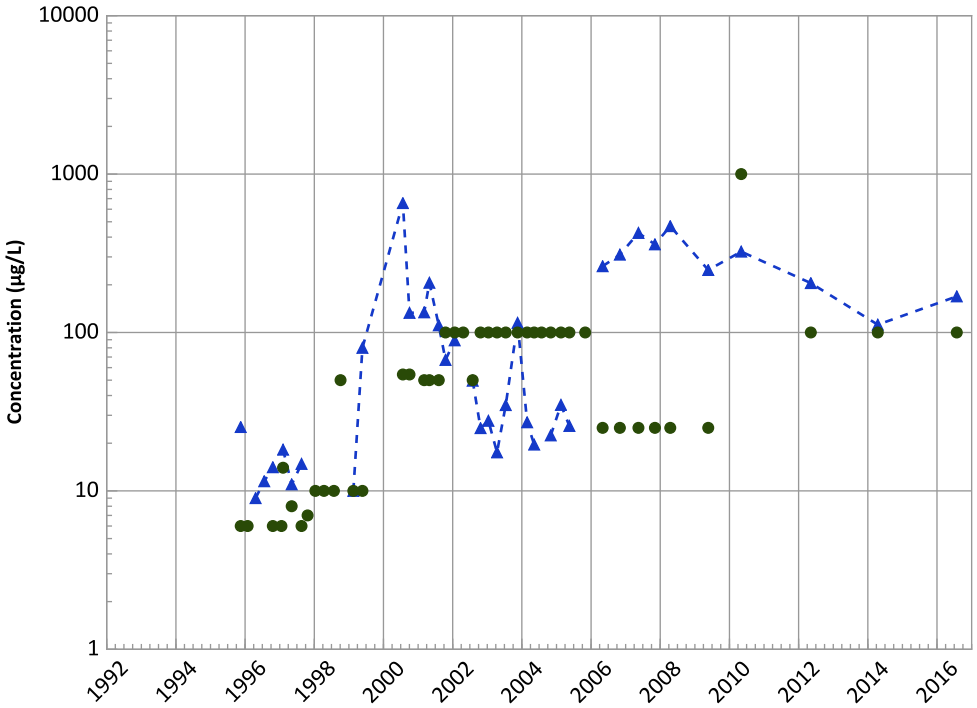
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

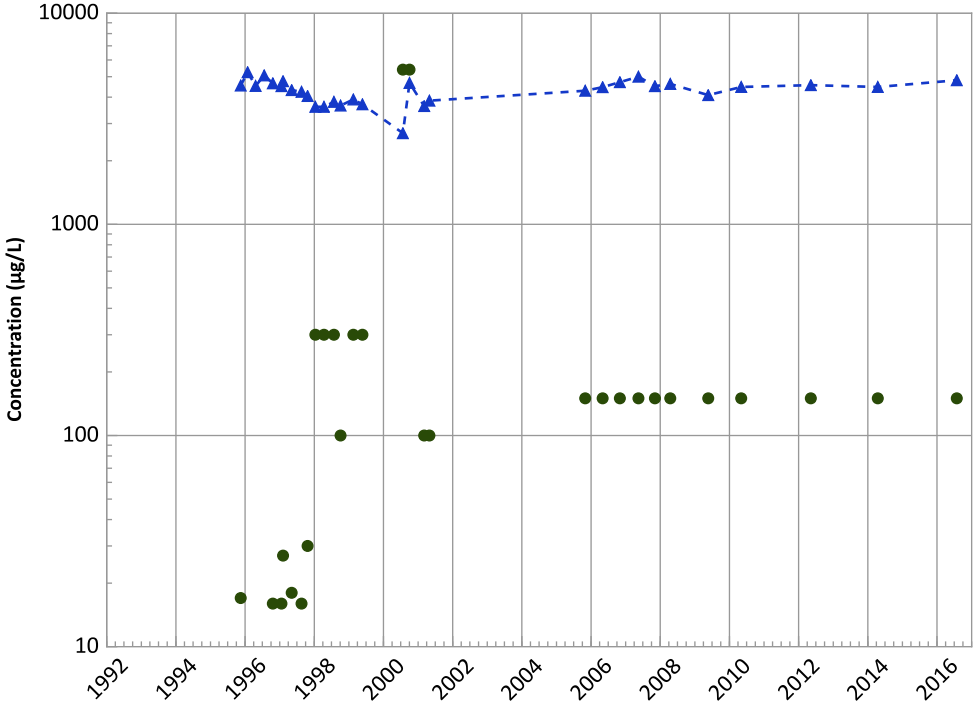


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Potassium Trend



Concentration Trend

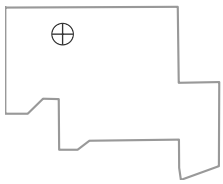
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/16/1995 to 07/28/2016
Analysis Date: 03/07/2017

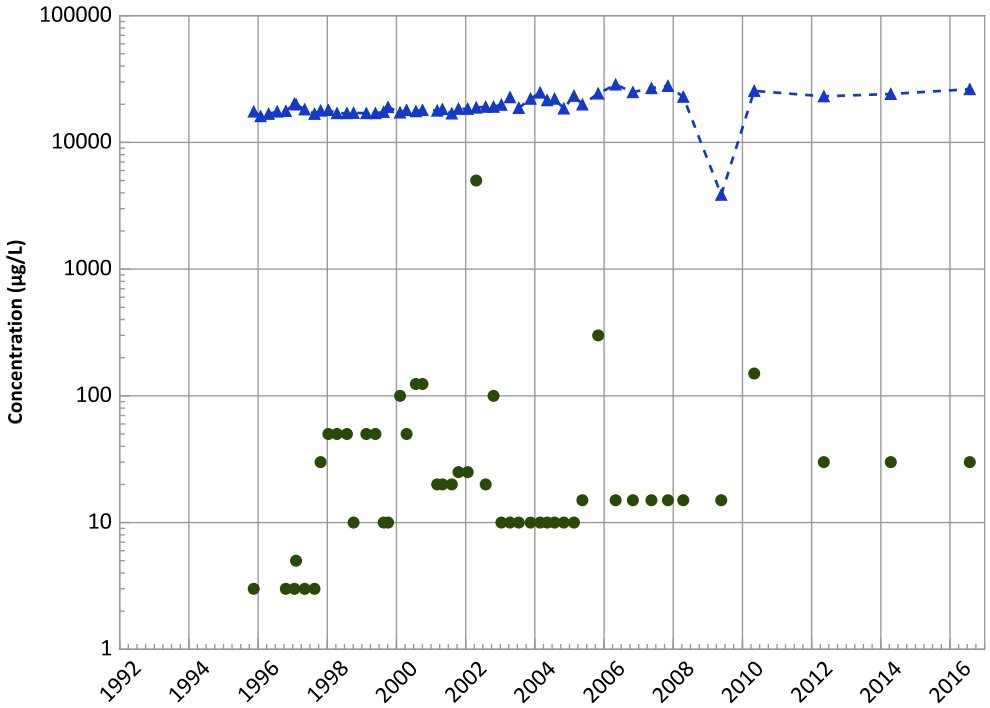
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

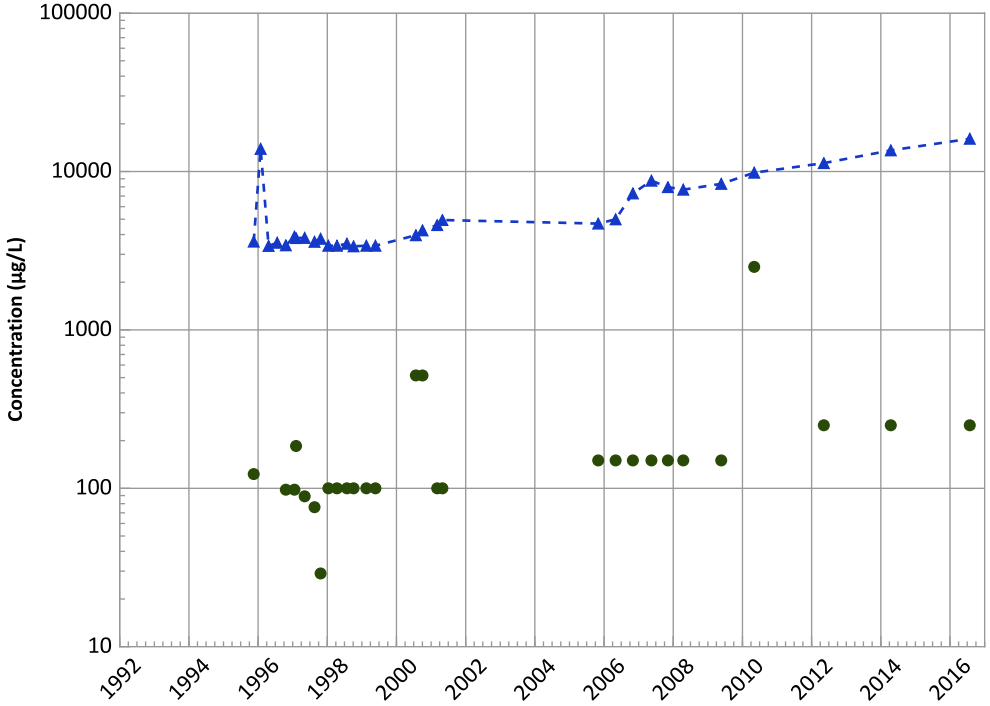


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Sodium Trend



Concentration Trend

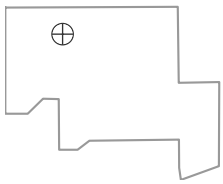
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

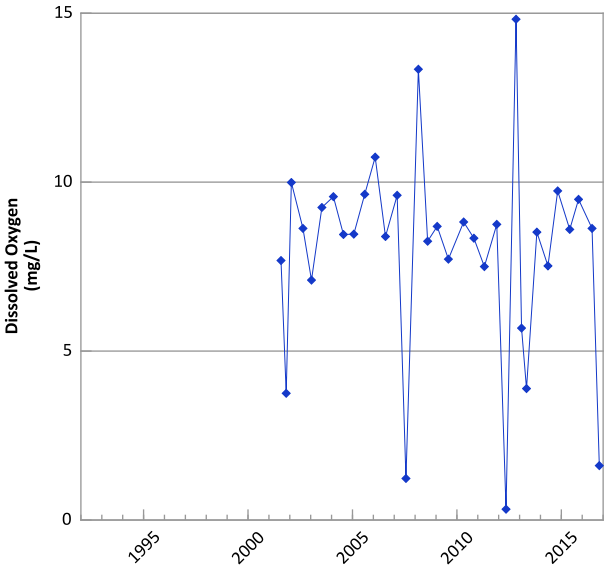
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/16/1995 to 07/28/2016
Analysis Date: 03/07/2017

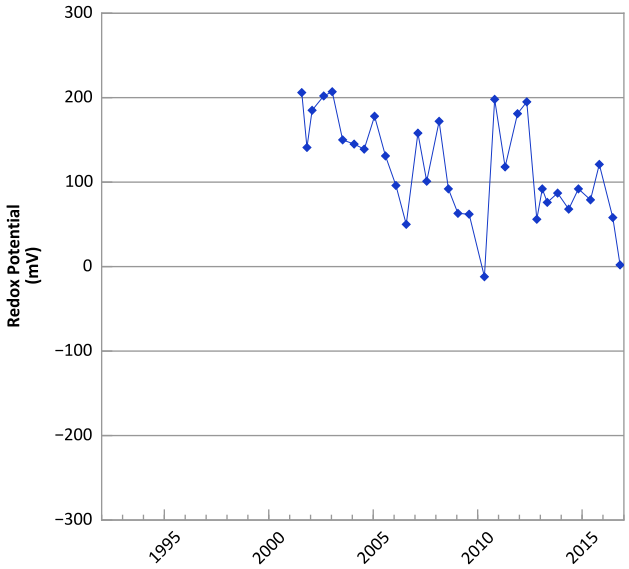
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

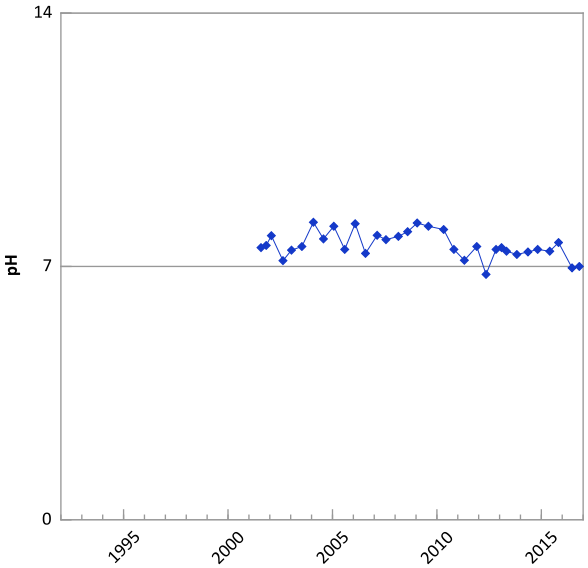
Well Location

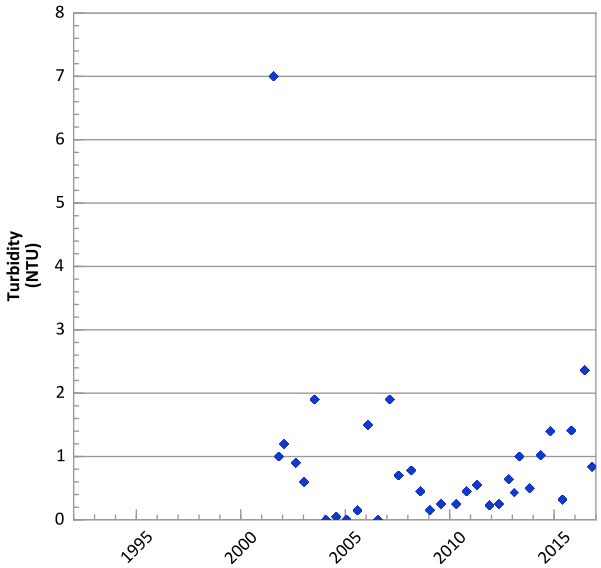


PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



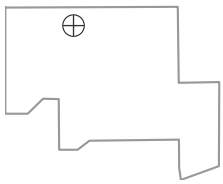






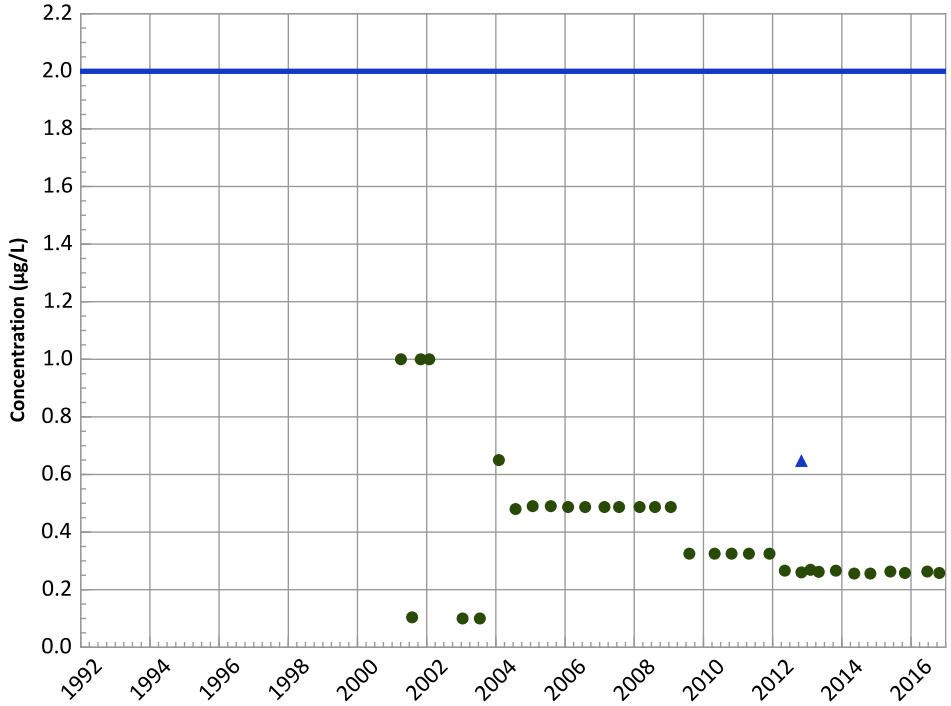
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 10/26/2016
Analysis Date: 03/07/2017

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

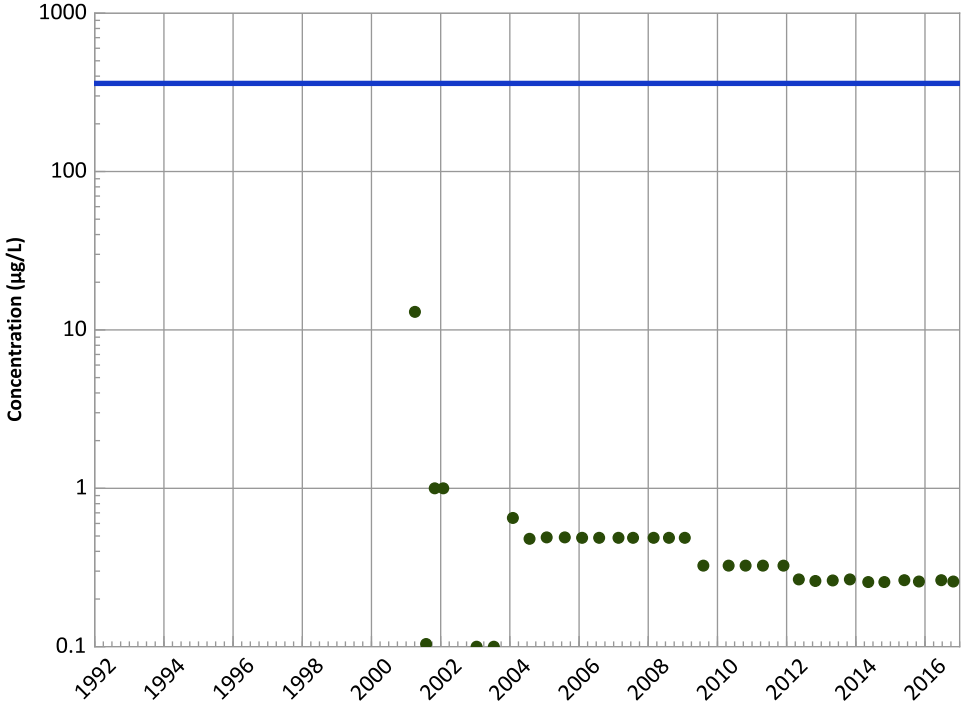


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

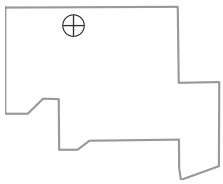
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 10/26/2016
Analysis Date: 03/07/2017

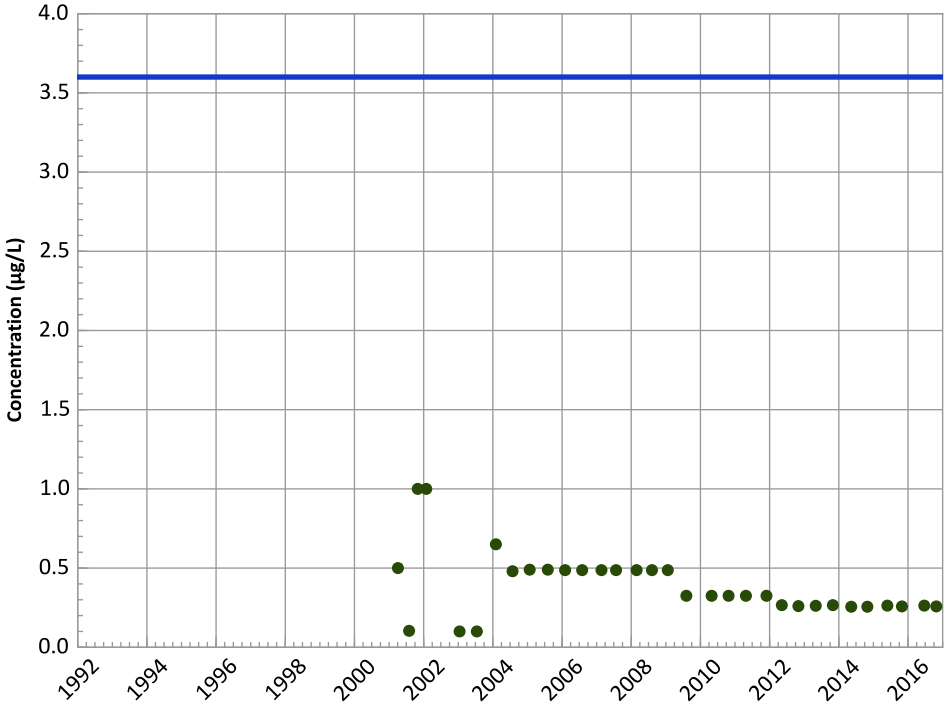
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

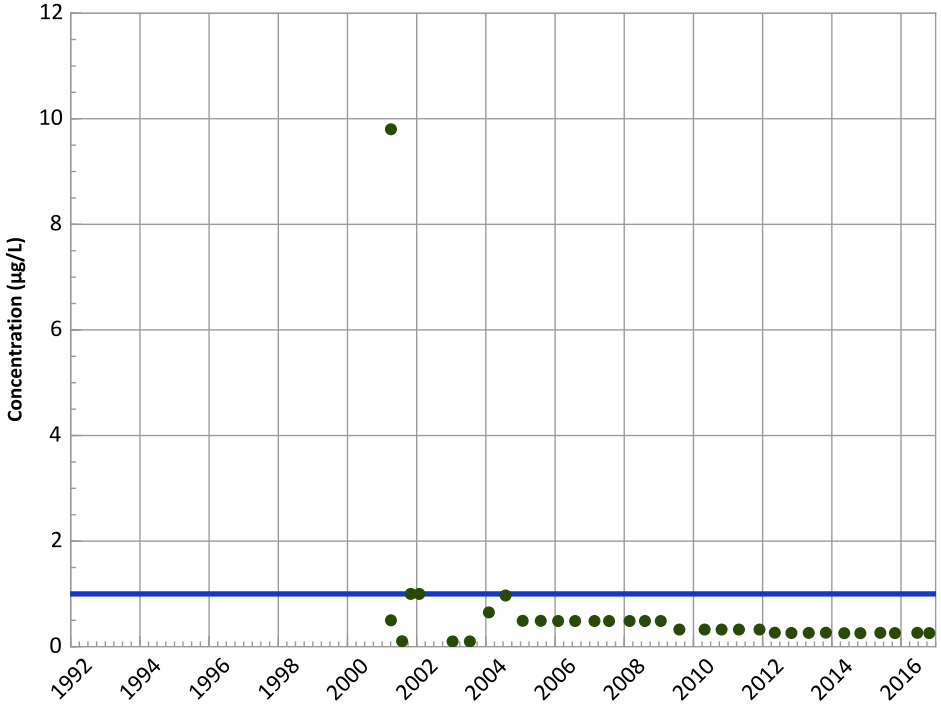


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

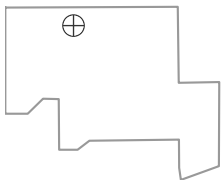
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 10/26/2016
Analysis Date: 03/07/2017

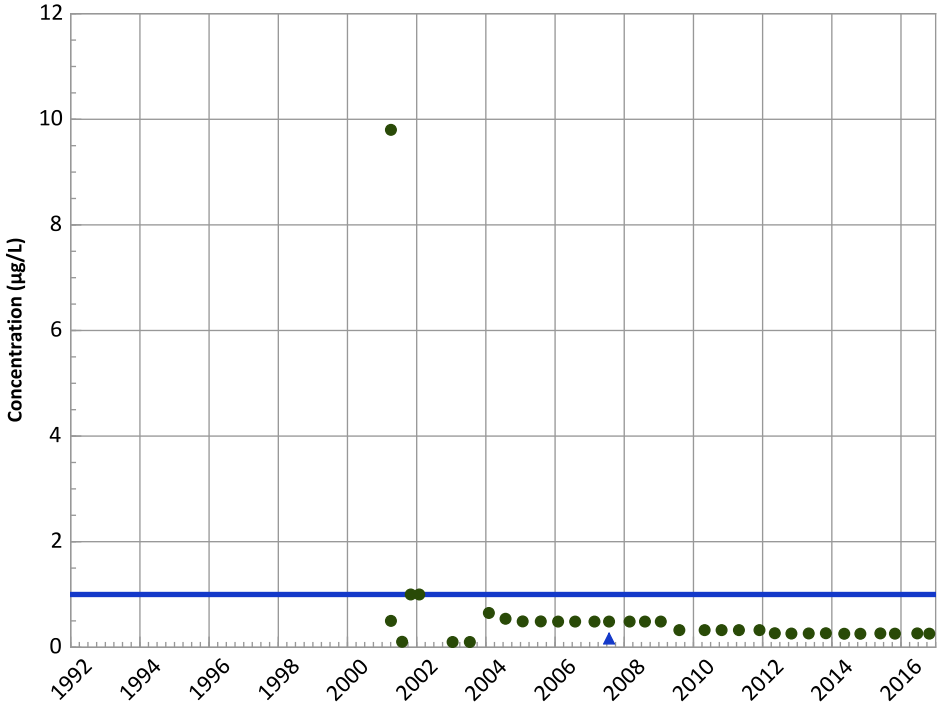
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

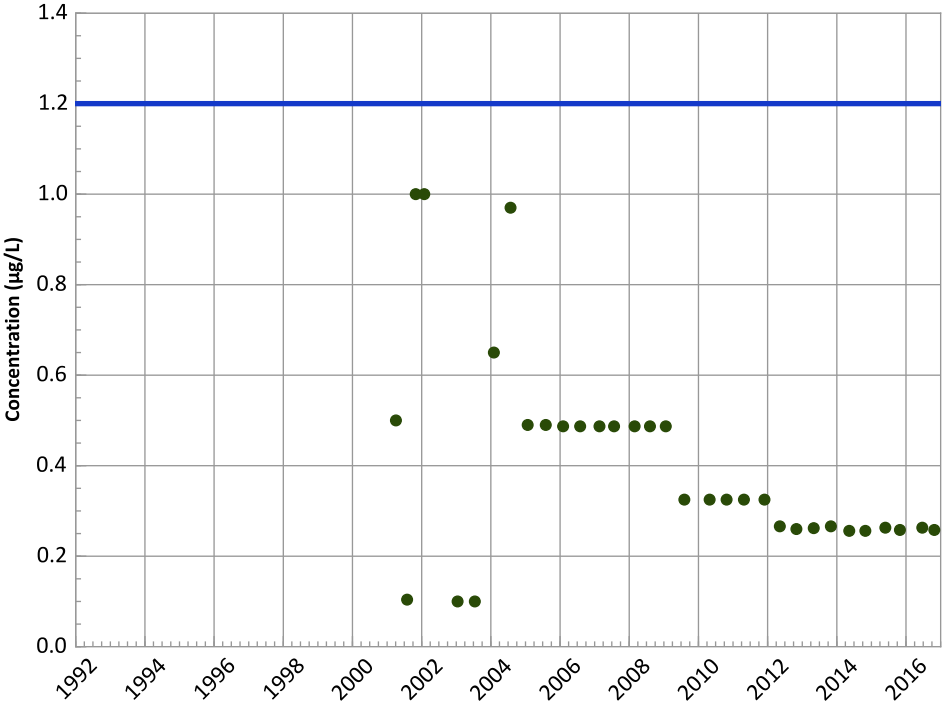


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

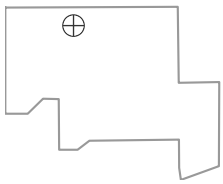
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 10/26/2016
Analysis Date: 03/07/2017

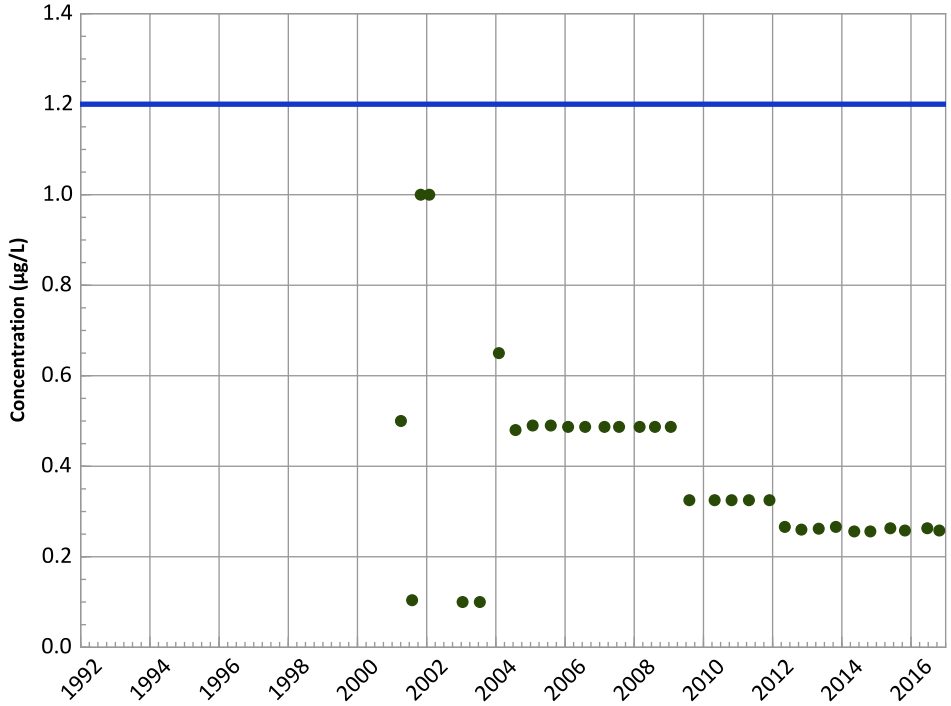
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

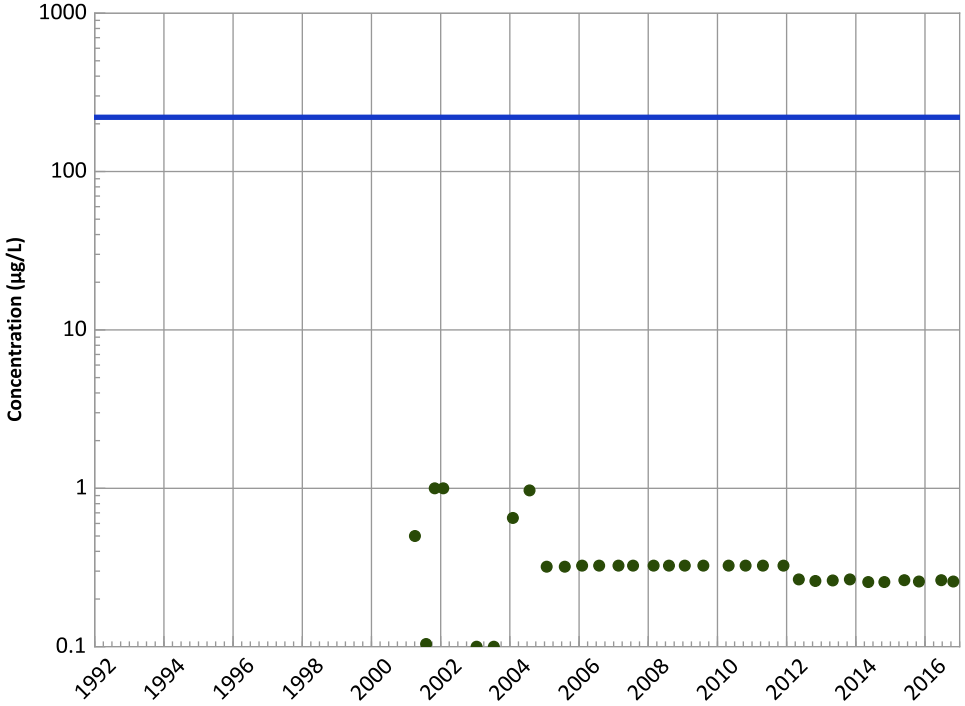


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

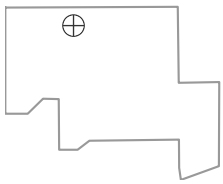
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 10/26/2016
Analysis Date: 03/07/2017

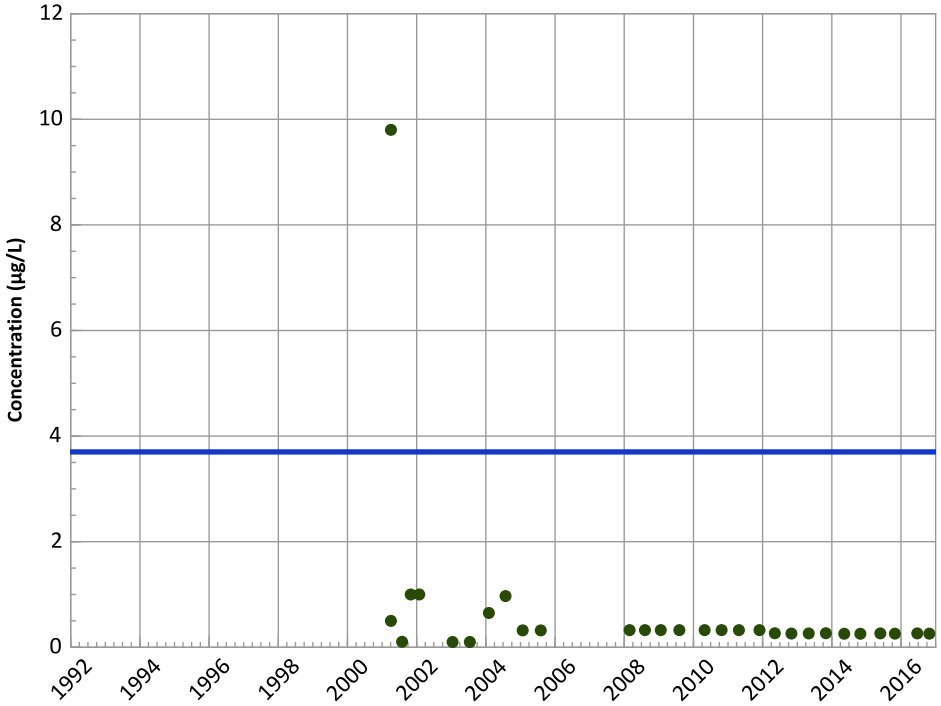
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

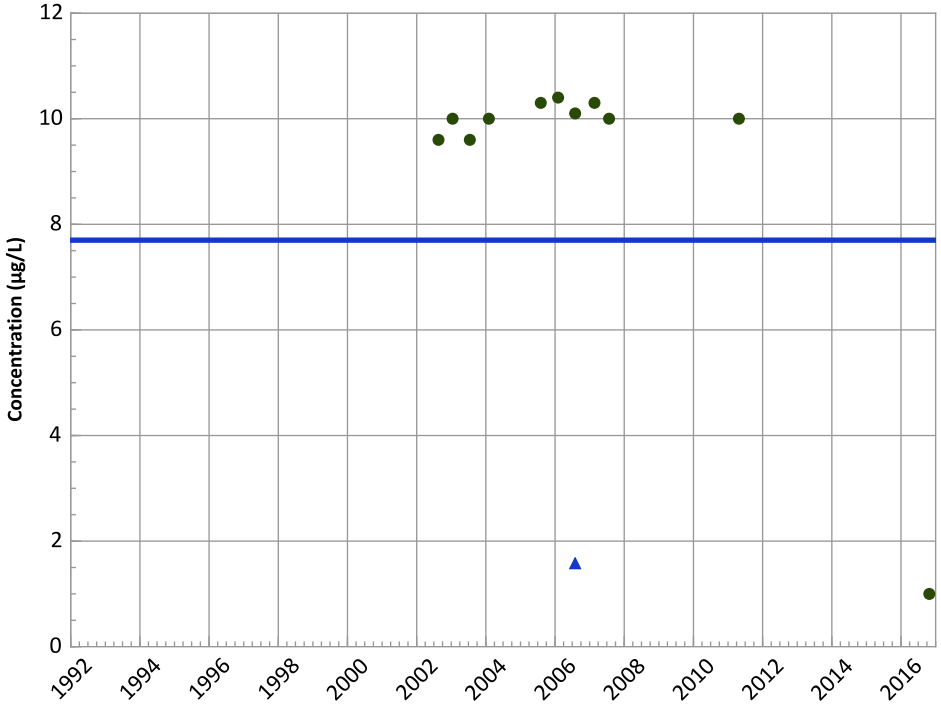


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

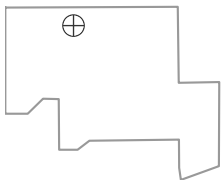
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 10/26/2016
Analysis Date: 03/07/2017

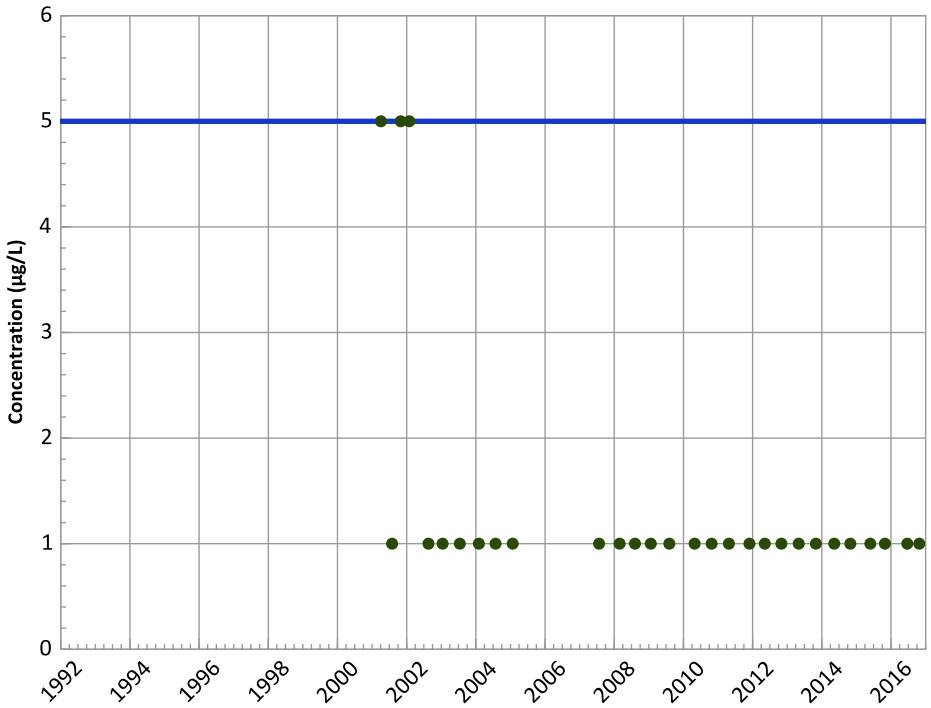
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

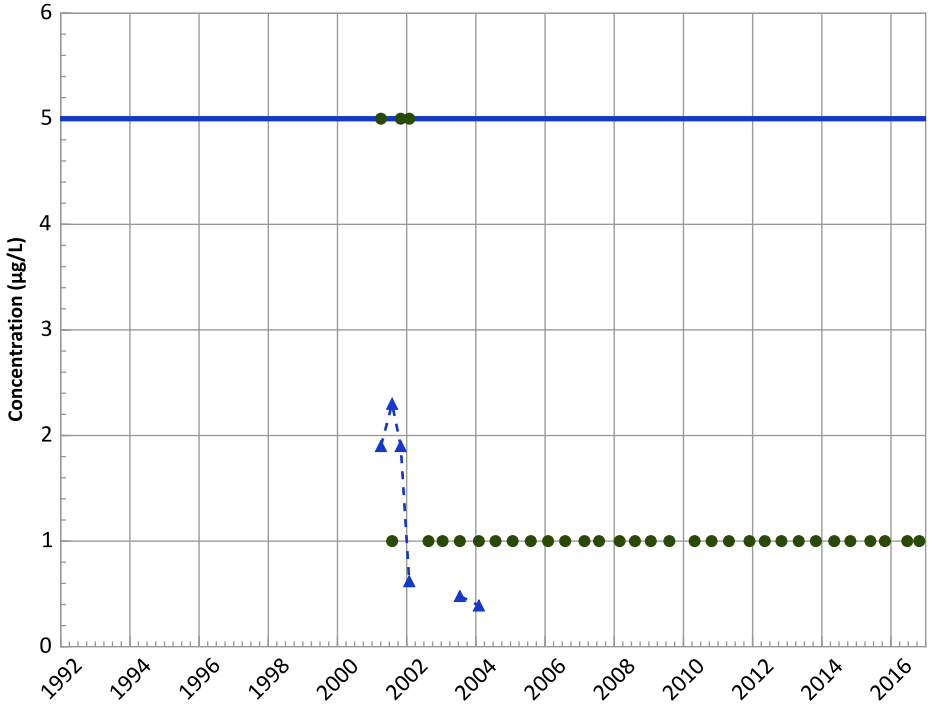


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

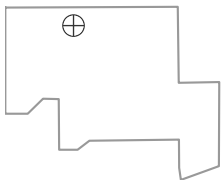
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 10/26/2016
Analysis Date: 03/07/2017

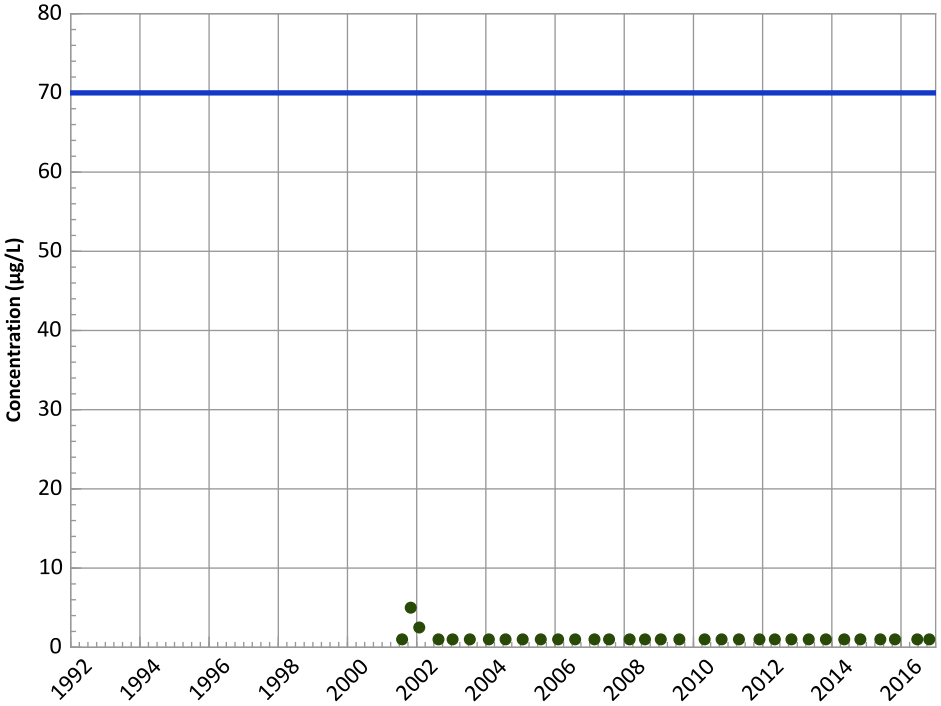
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

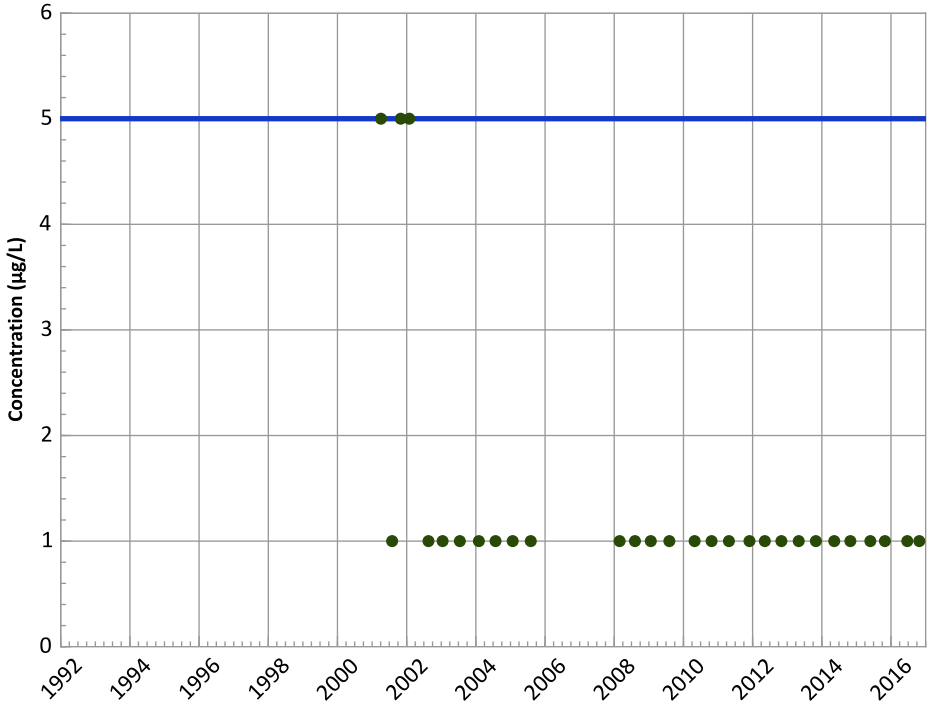


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

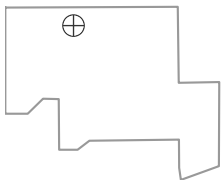
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 10/26/2016
Analysis Date: 03/07/2017

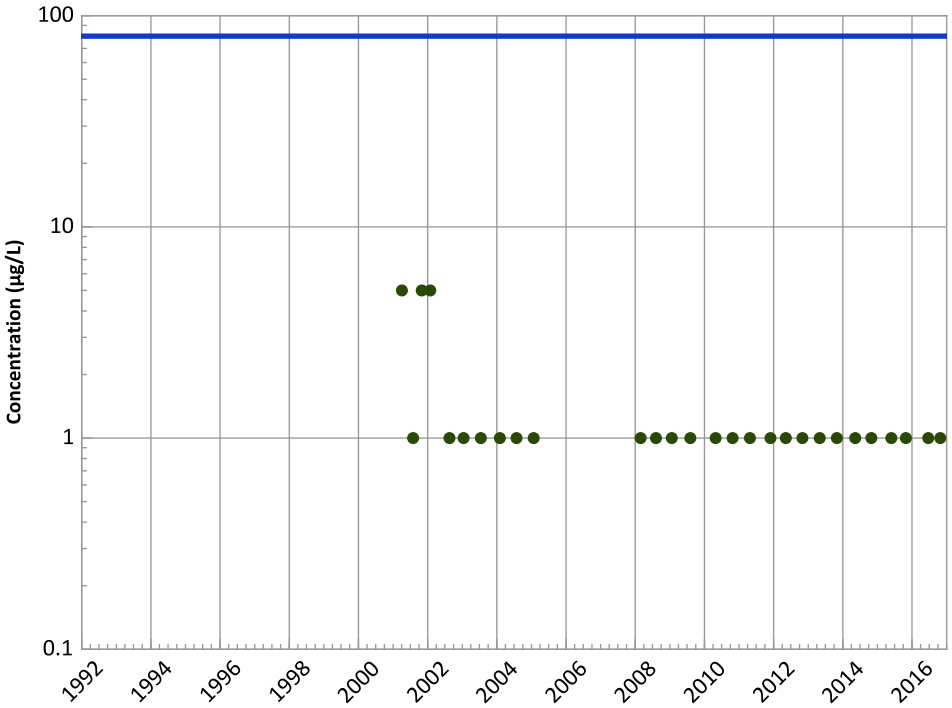
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

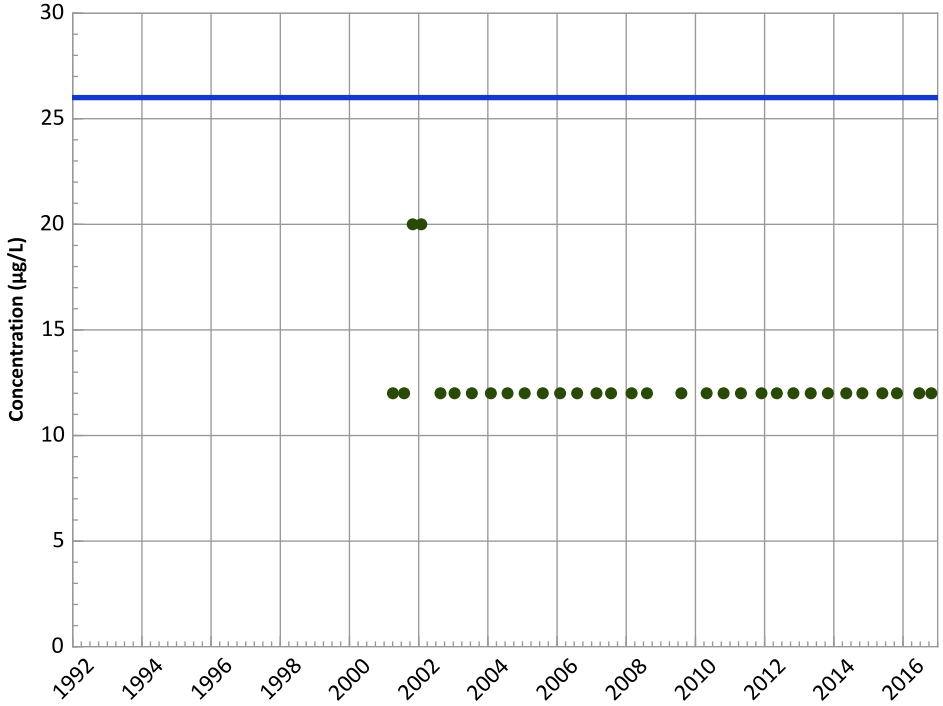


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

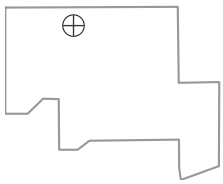
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 10/26/2016
Analysis Date: 03/07/2017

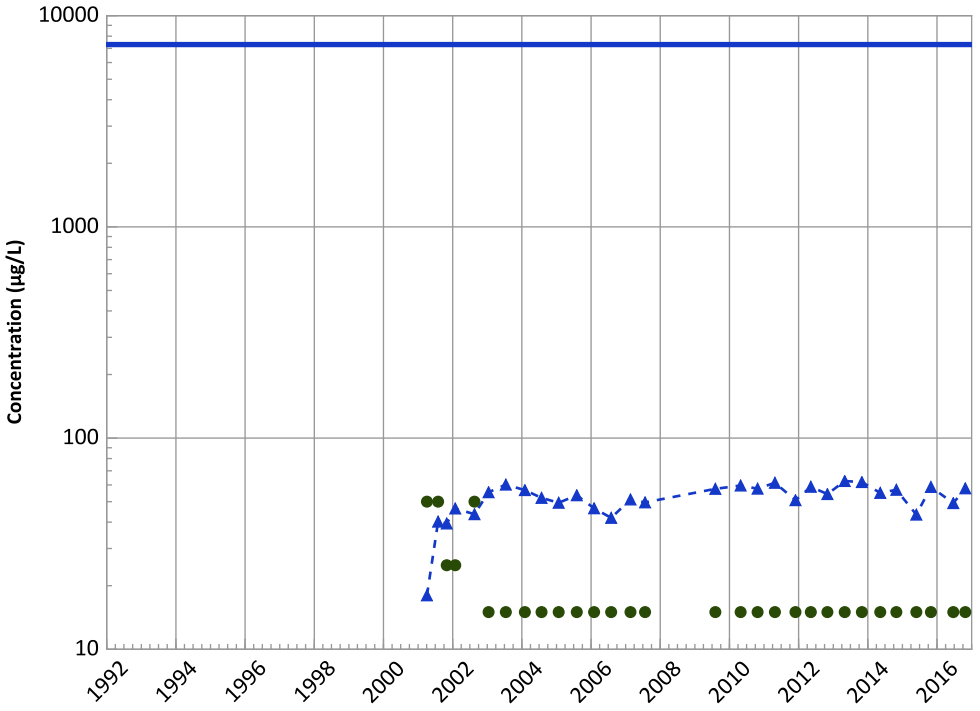
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

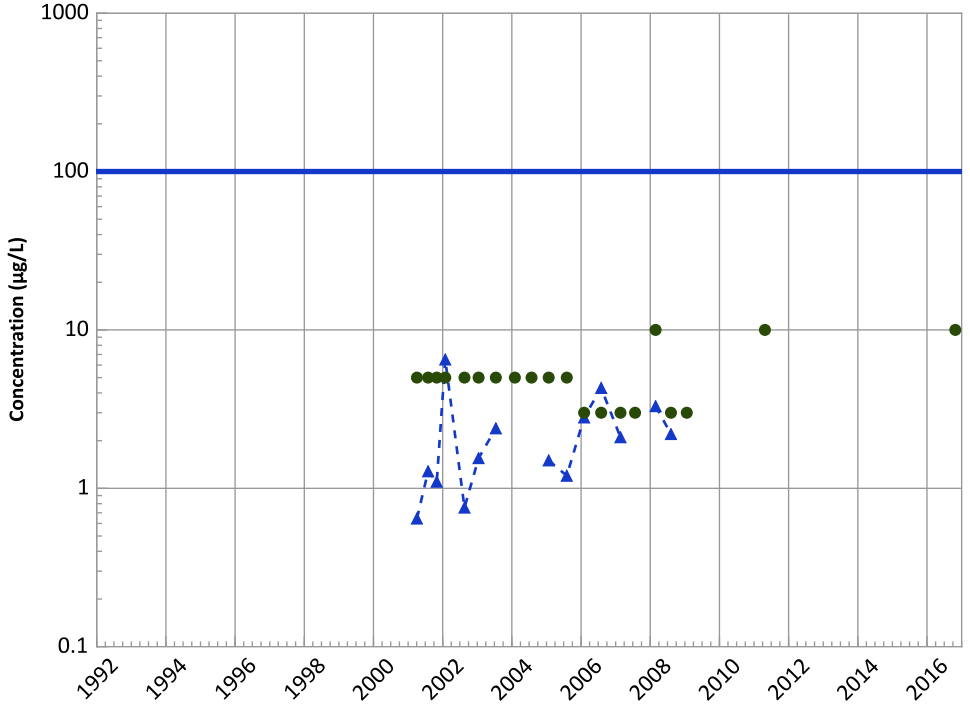


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Chromium, Total Trend



Concentration Trend

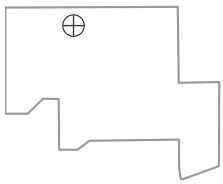
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 10/26/2016
Analysis Date: 03/07/2017

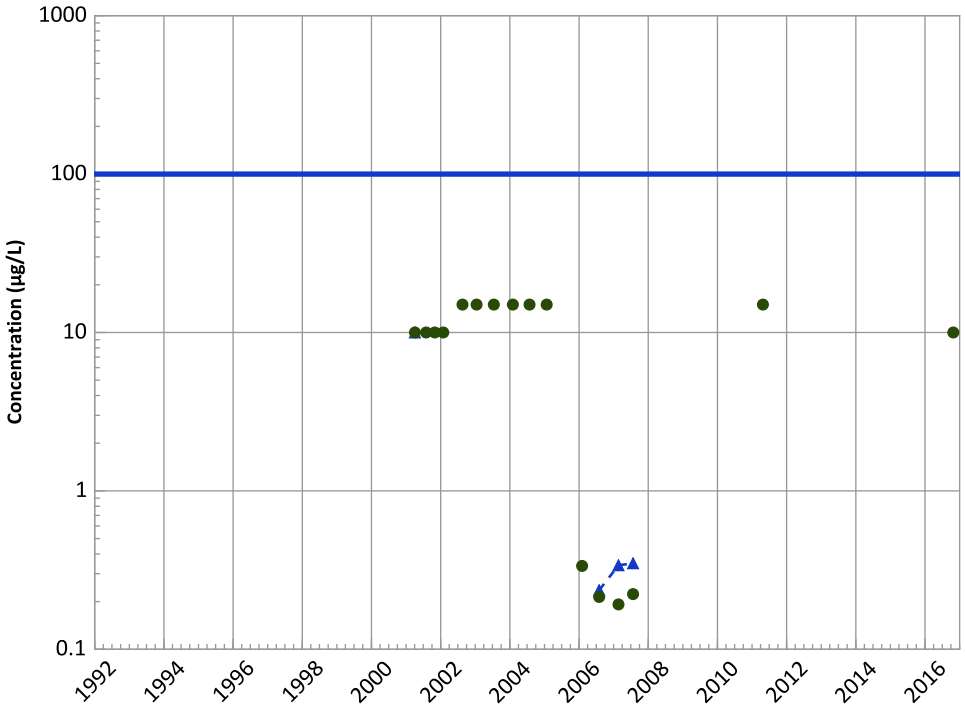
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

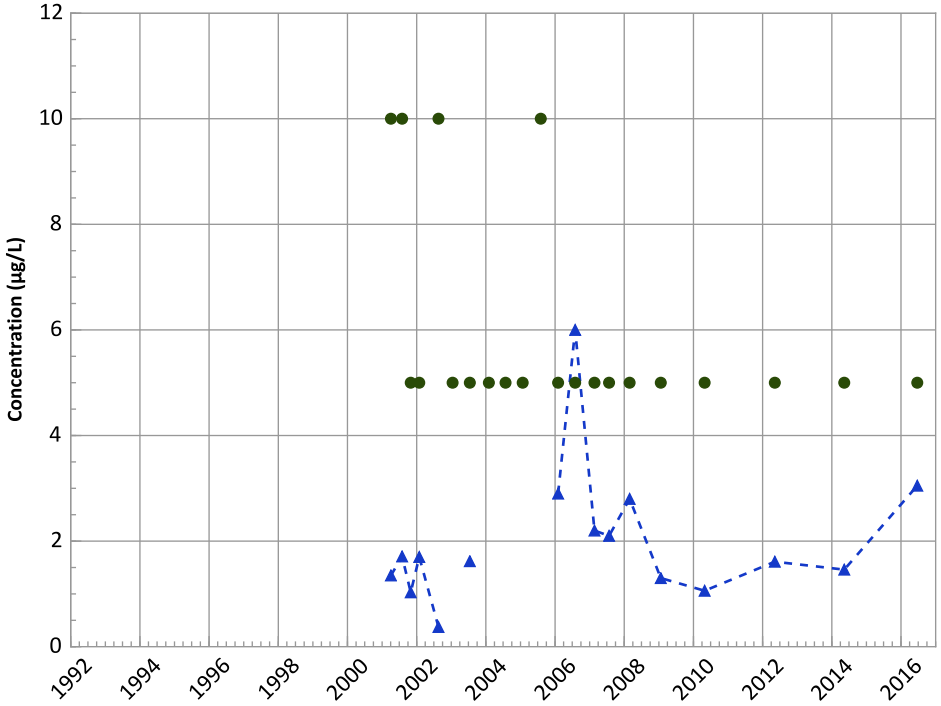


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Manganese Trend



Concentration Trend

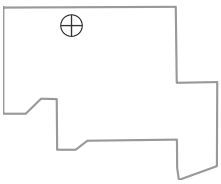
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 10/26/2016
Analysis Date: 03/07/2017

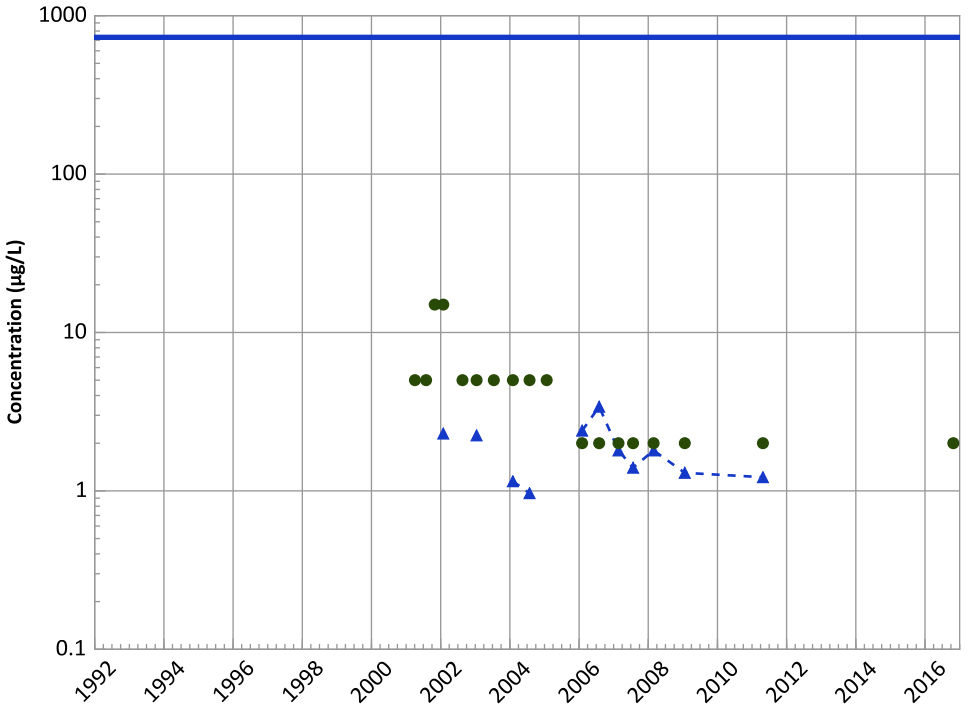
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

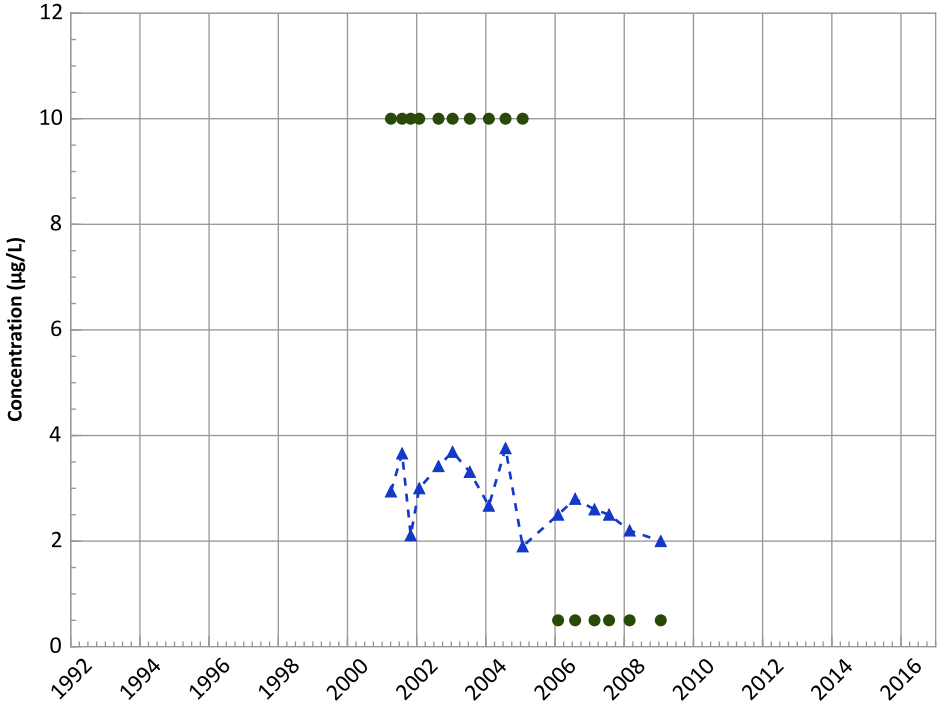


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Molybdenum Trend



Concentration Trend

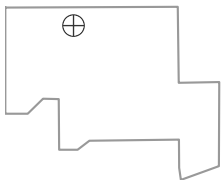
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 10/26/2016
Analysis Date: 03/07/2017

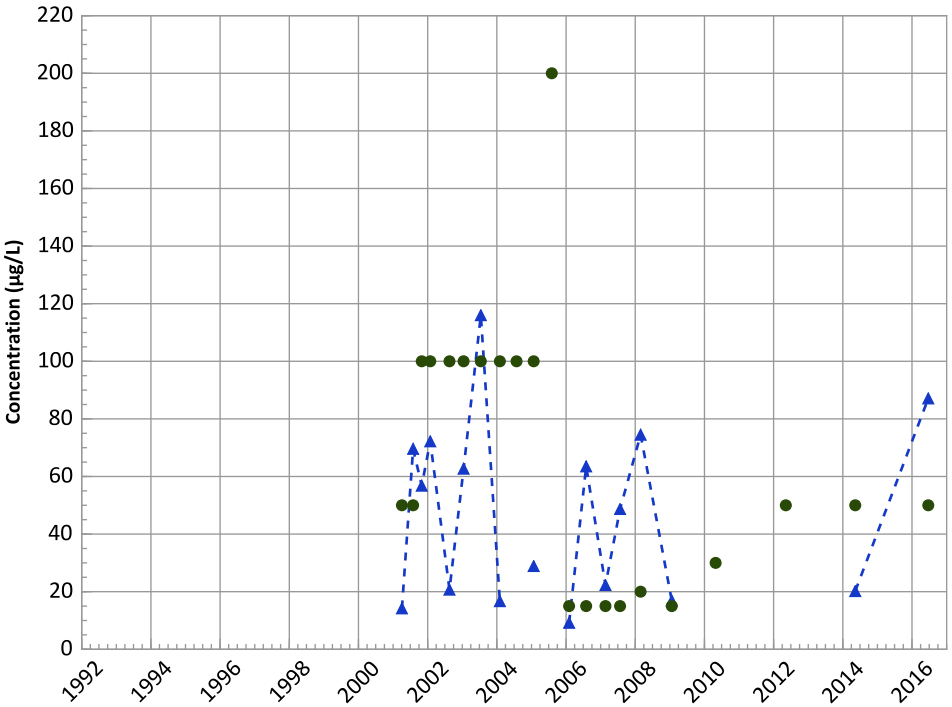
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

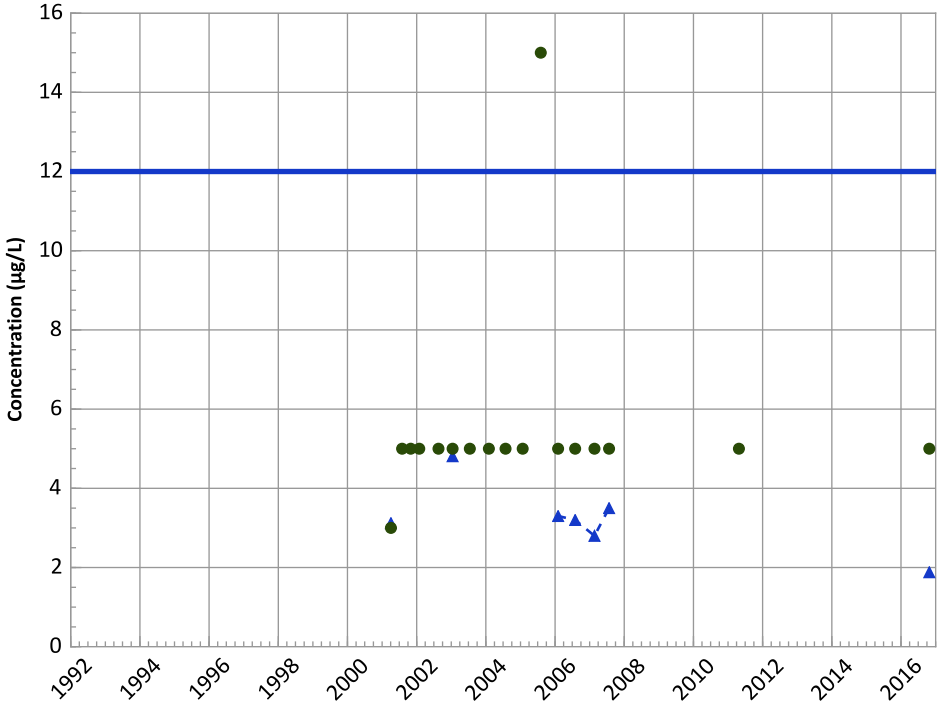


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Arsenic Trend



Concentration Trend

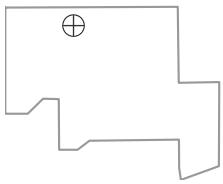
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 10/26/2016
Analysis Date: 03/07/2017

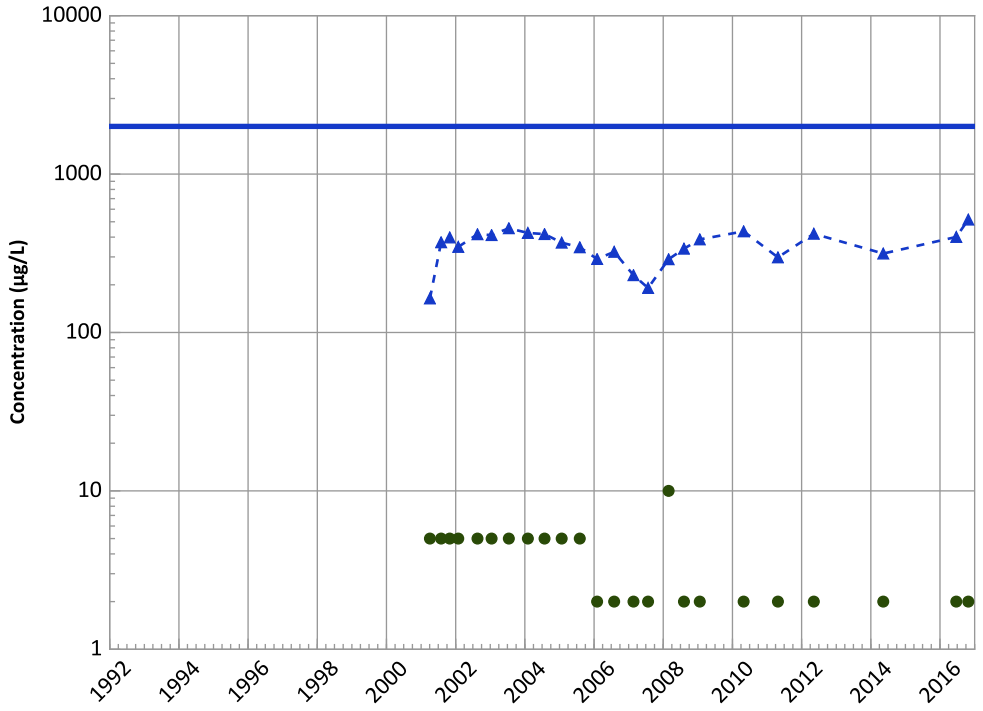
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

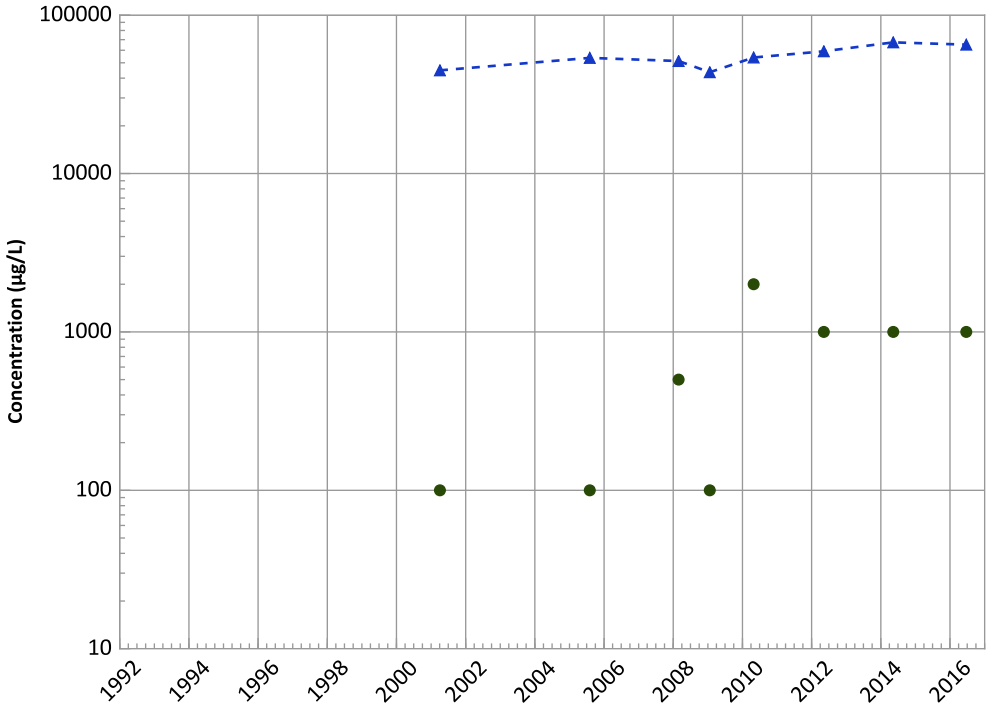


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Calcium Trend



Concentration Trend

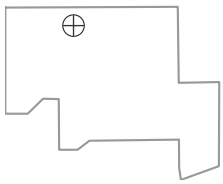
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 10/26/2016
Analysis Date: 03/07/2017

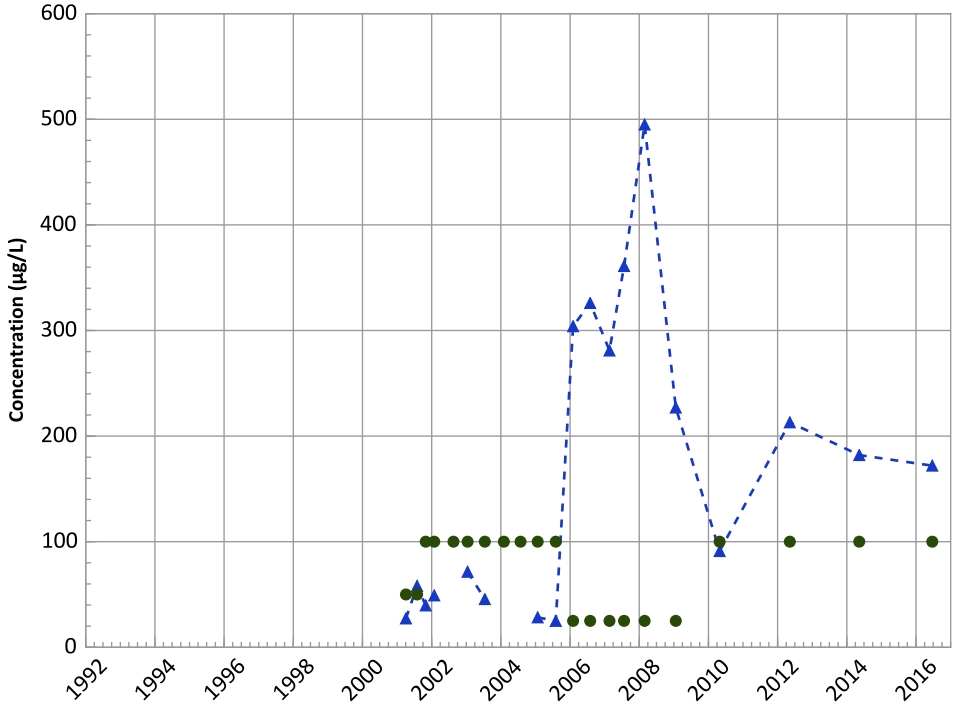
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

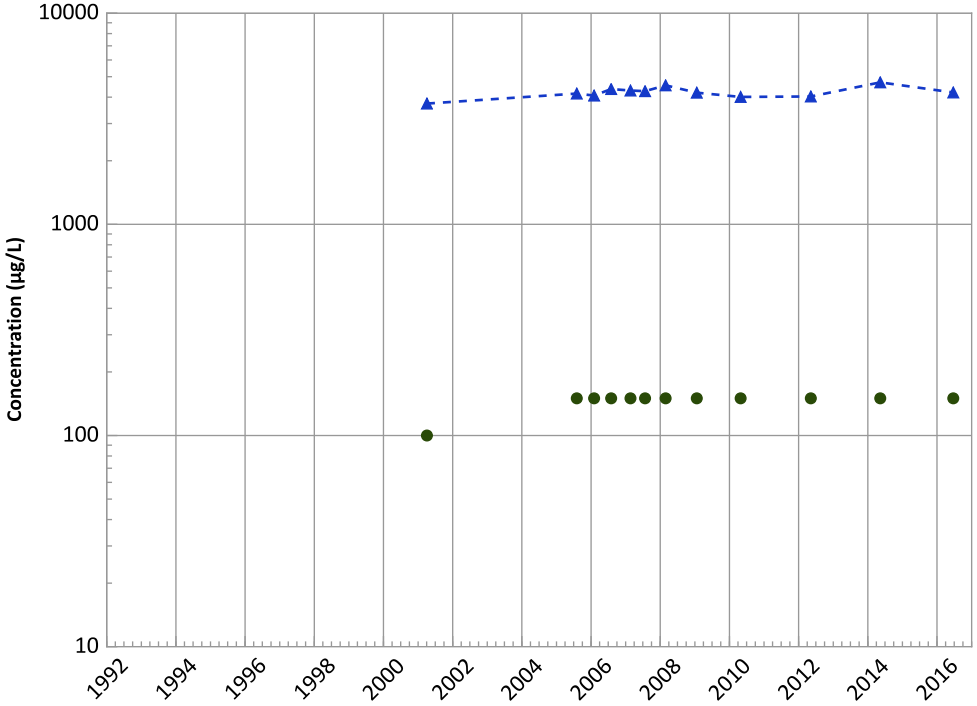


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Potassium Trend



Concentration Trend

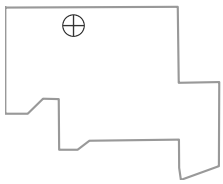
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 10/26/2016
Analysis Date: 03/07/2017

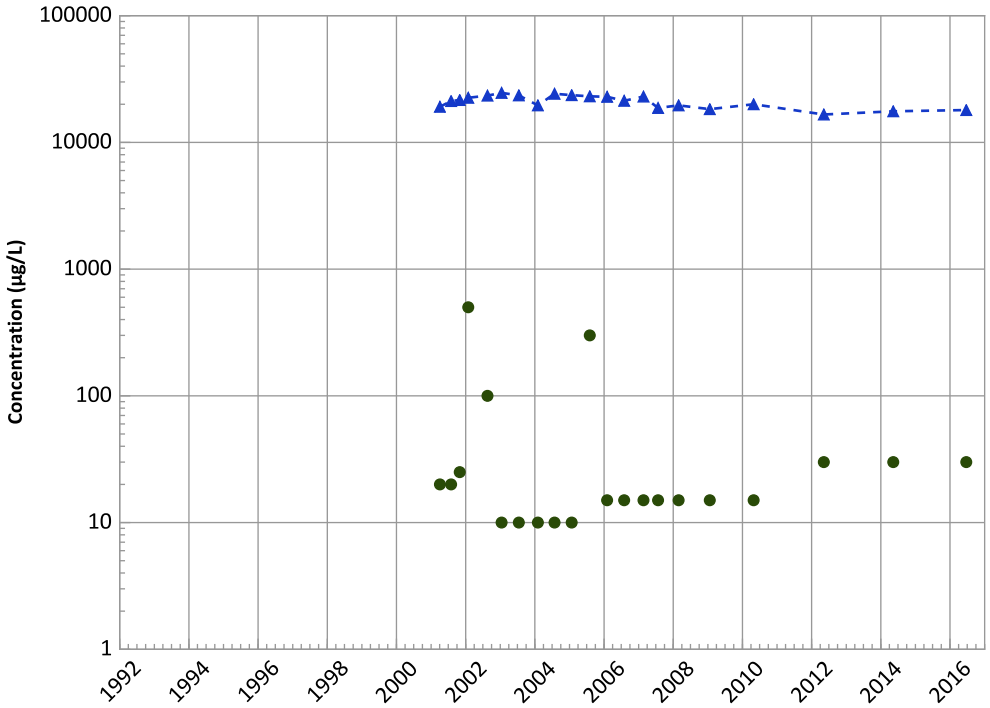
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

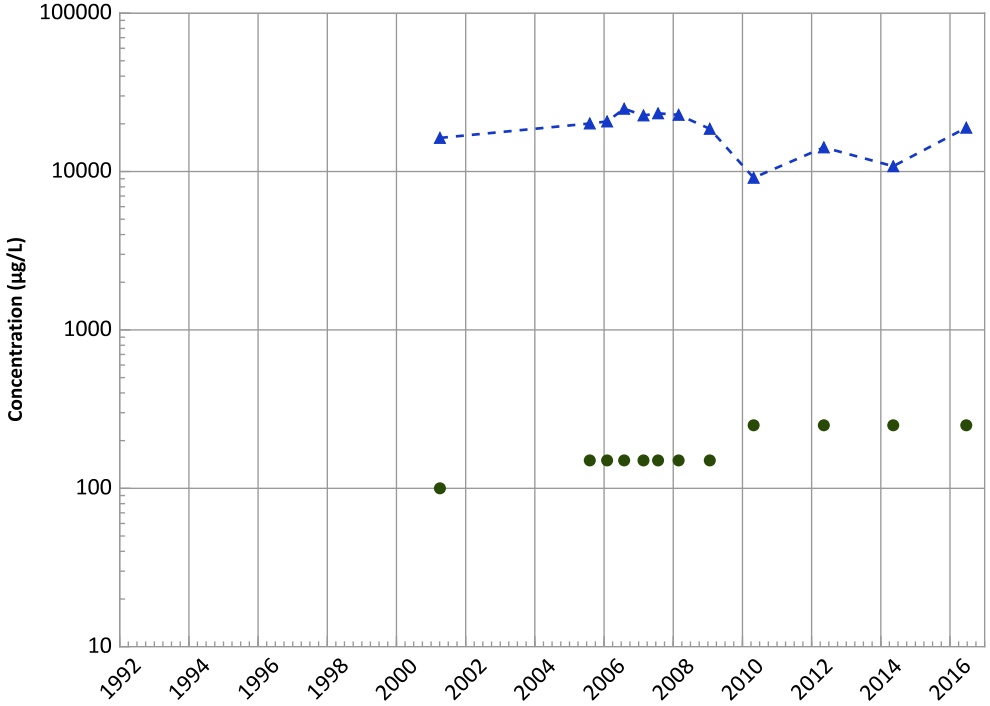


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Sodium Trend



Concentration Trend

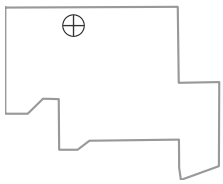
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Decreasing

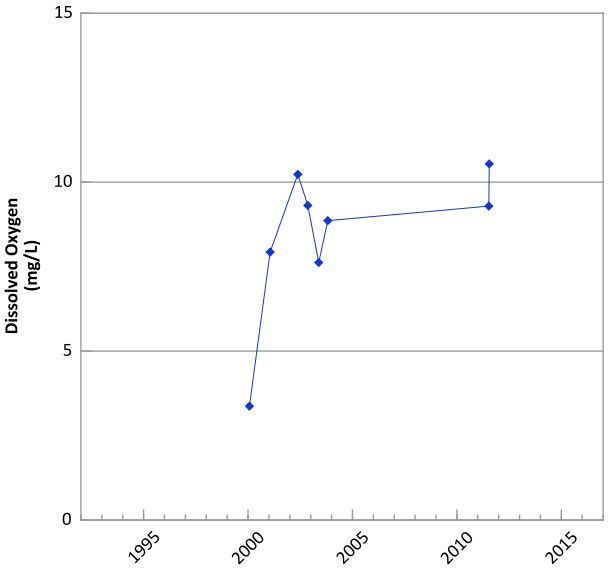
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 10/26/2016
Analysis Date: 03/07/2017

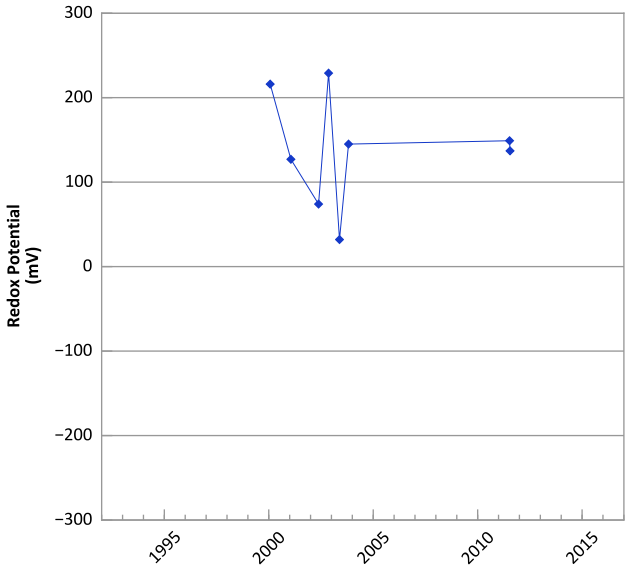
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

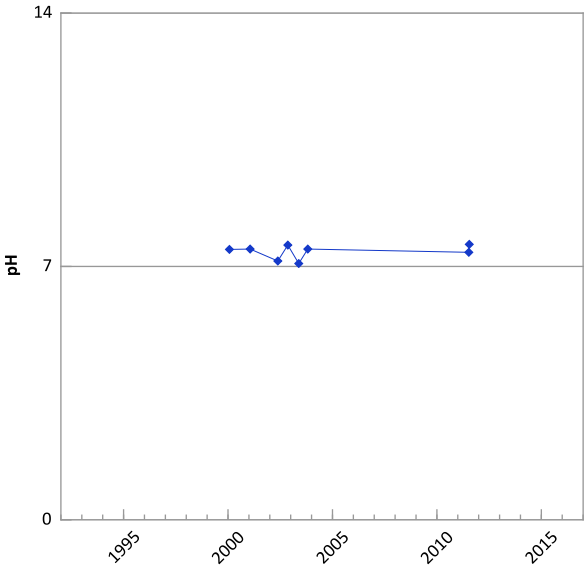
Well Location

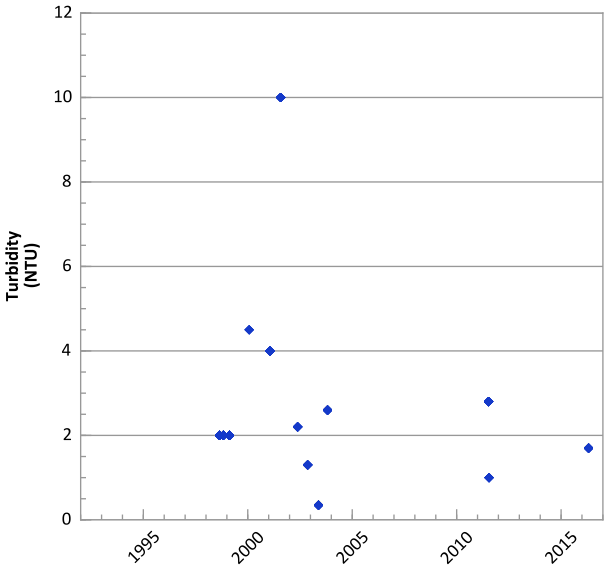


PTX04-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



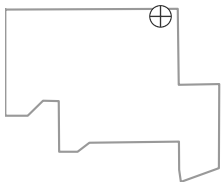






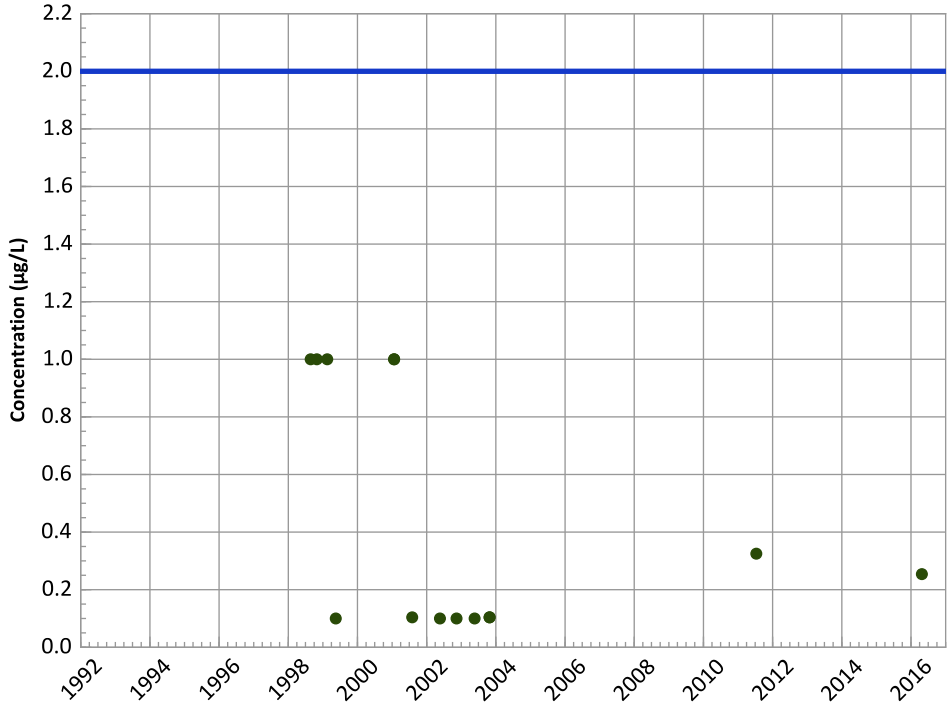
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

Well Location



PTX04-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

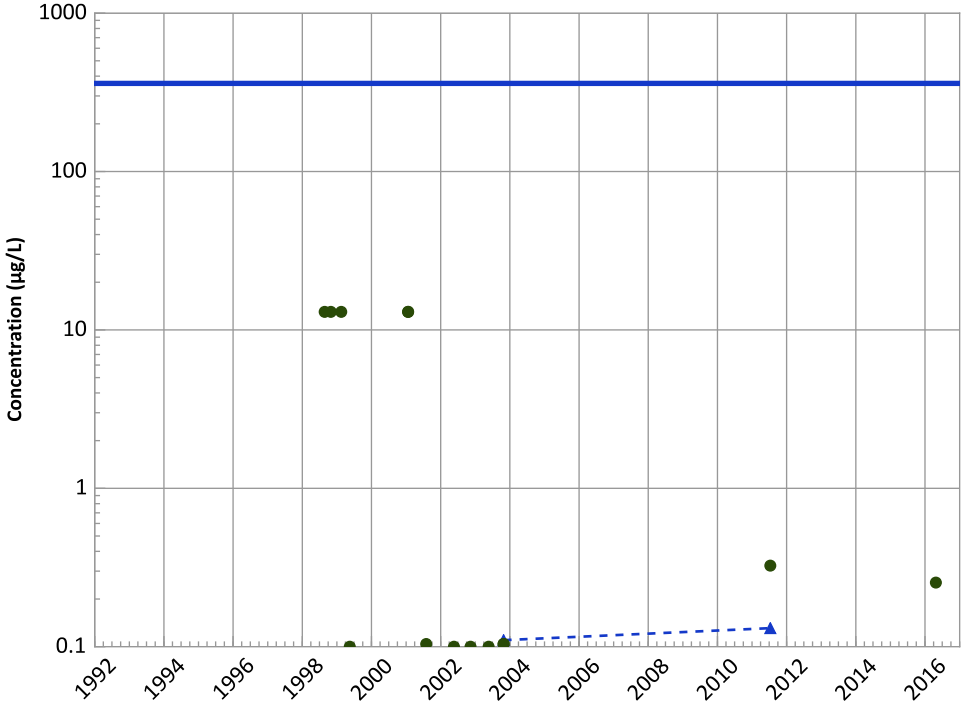


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

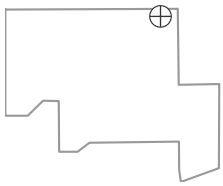
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

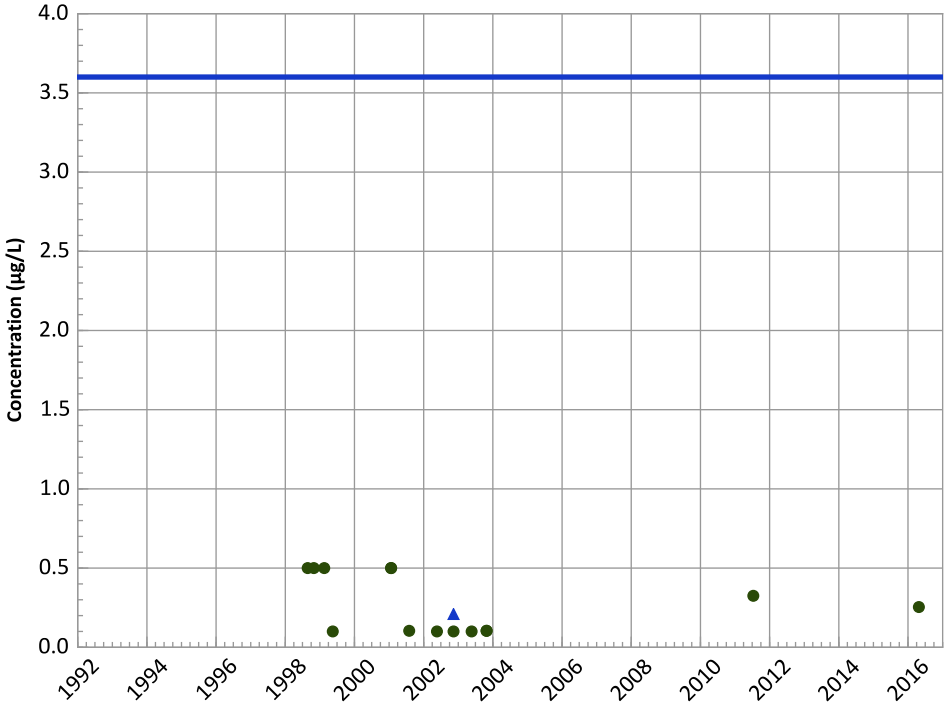
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

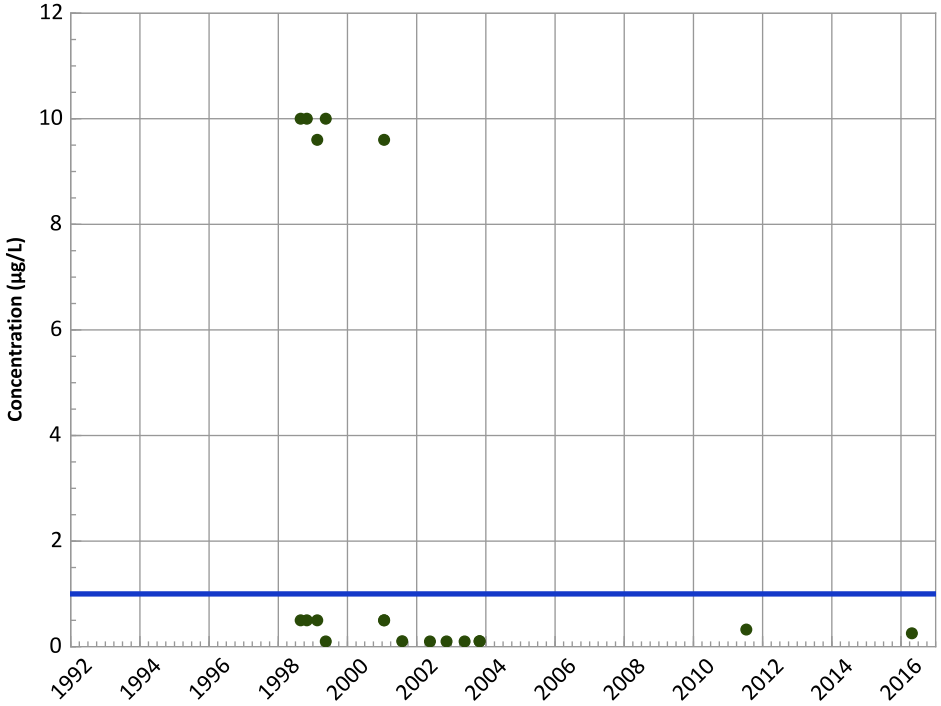


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

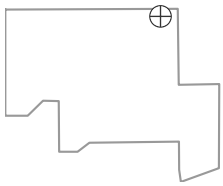
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

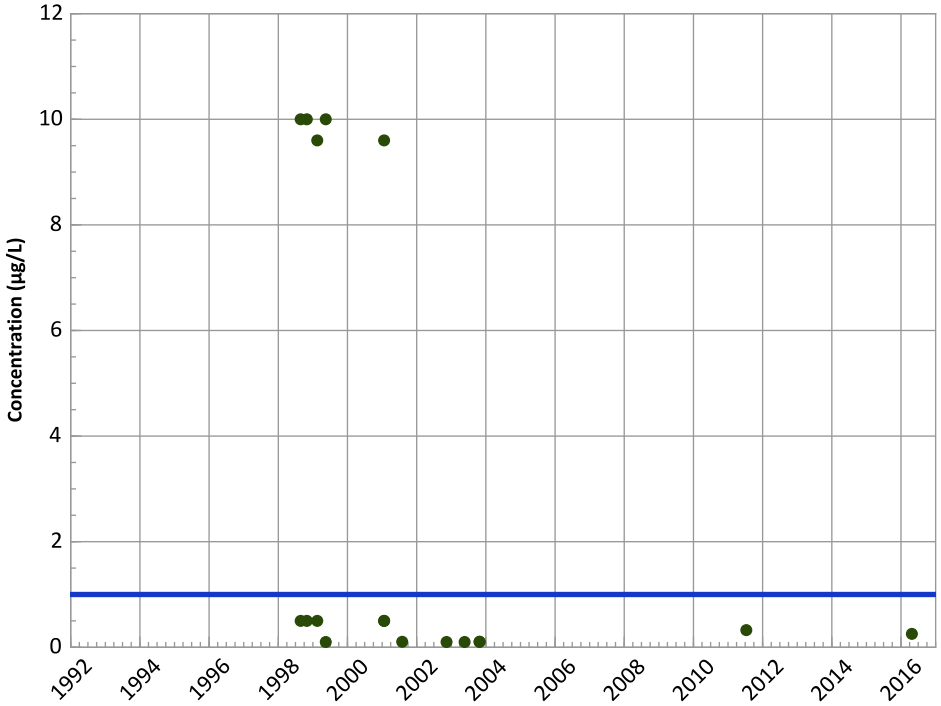
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX04-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

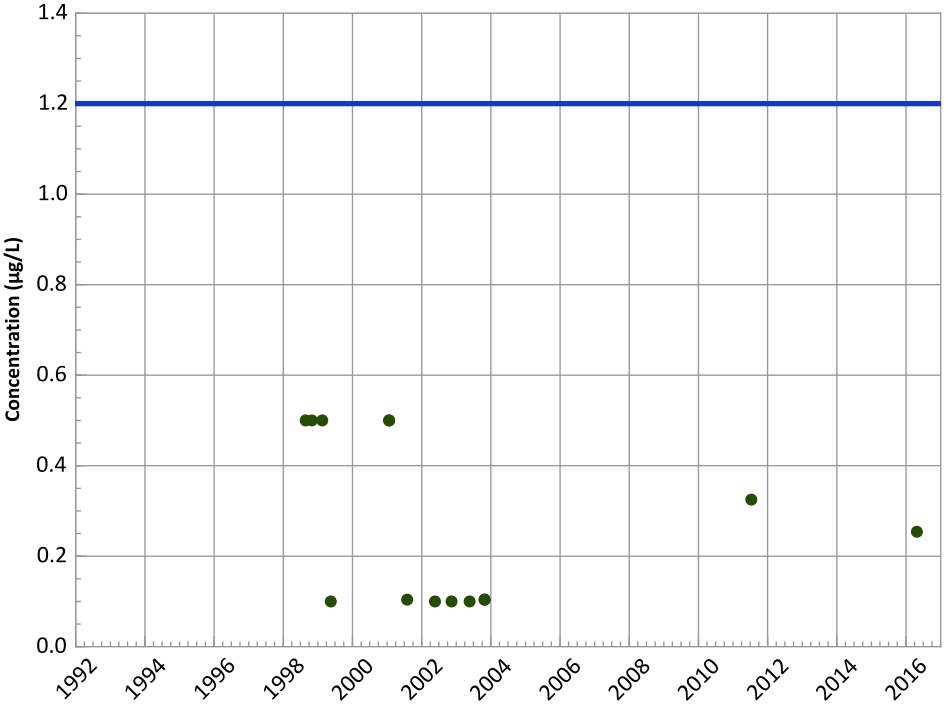


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

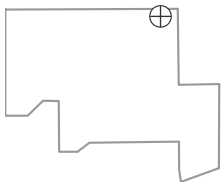
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

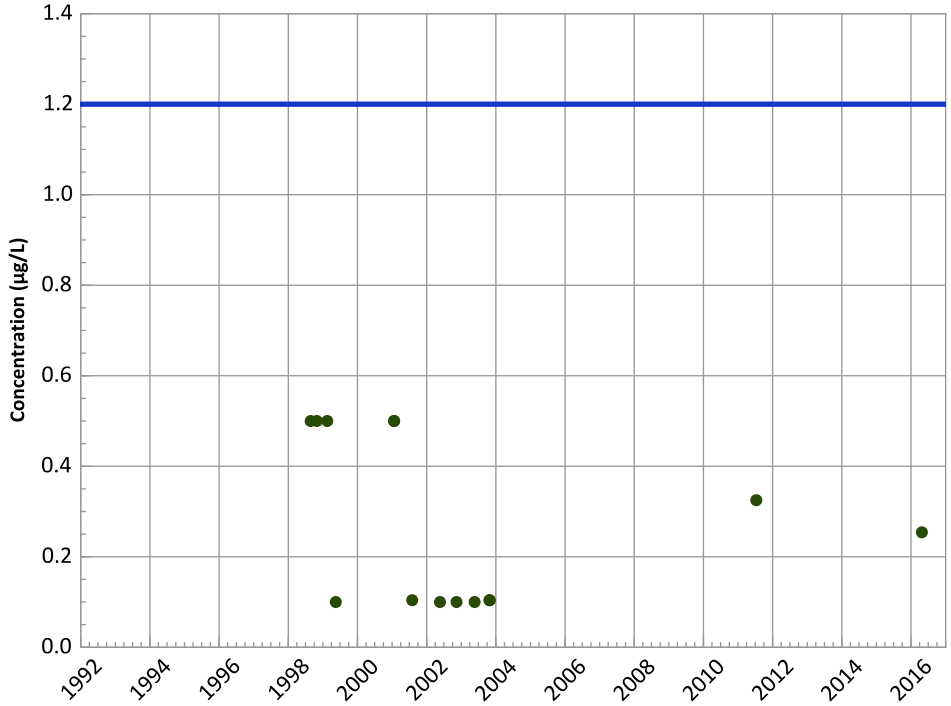
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX04-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

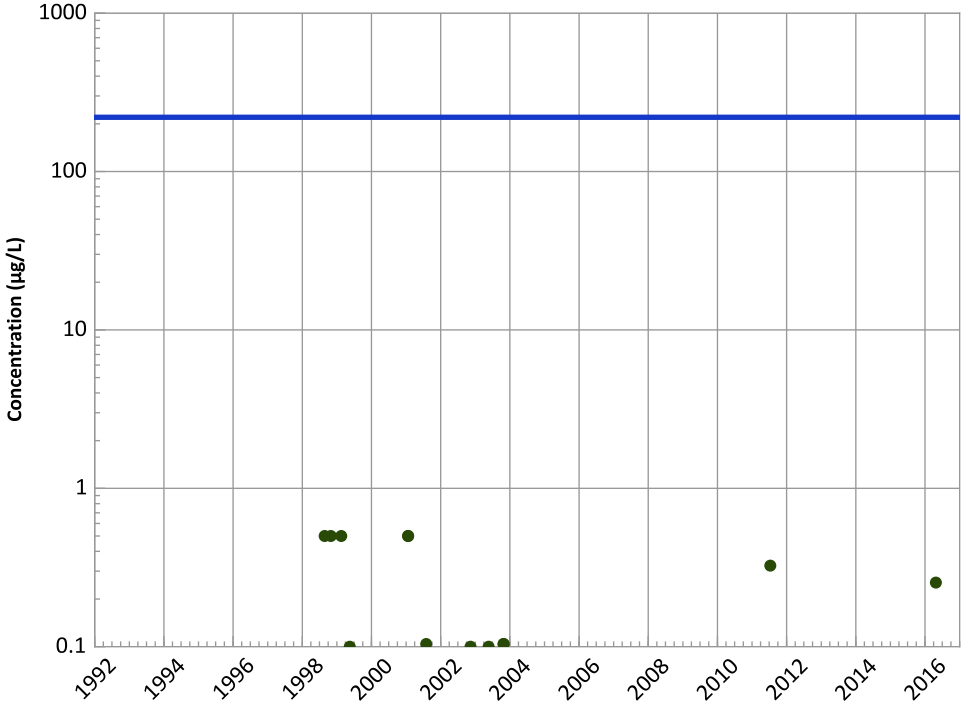


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

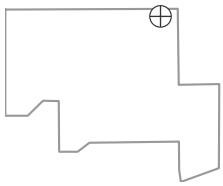
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

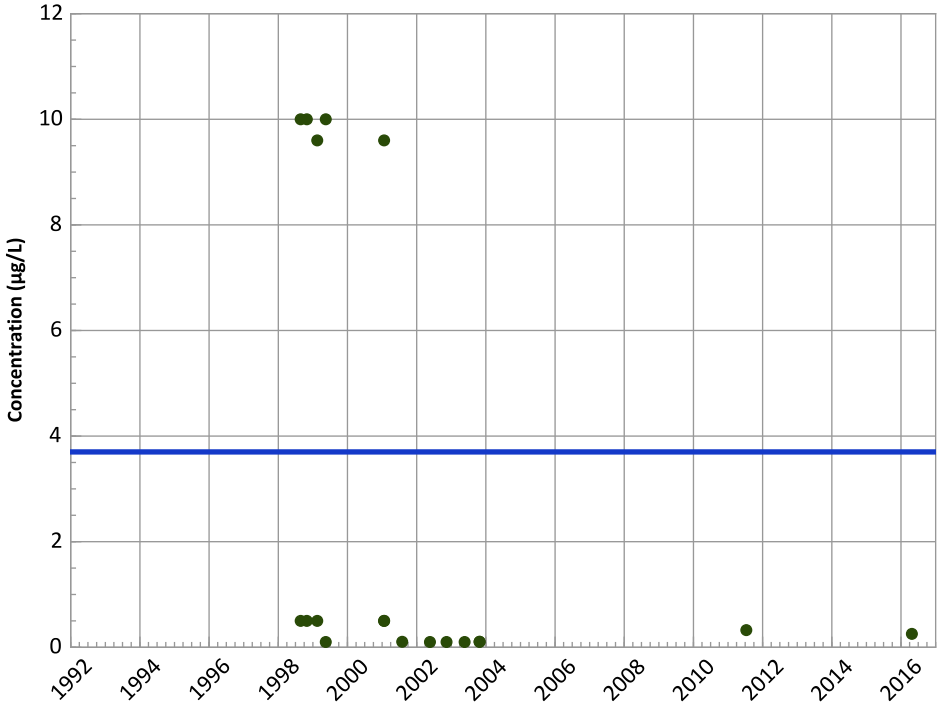
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

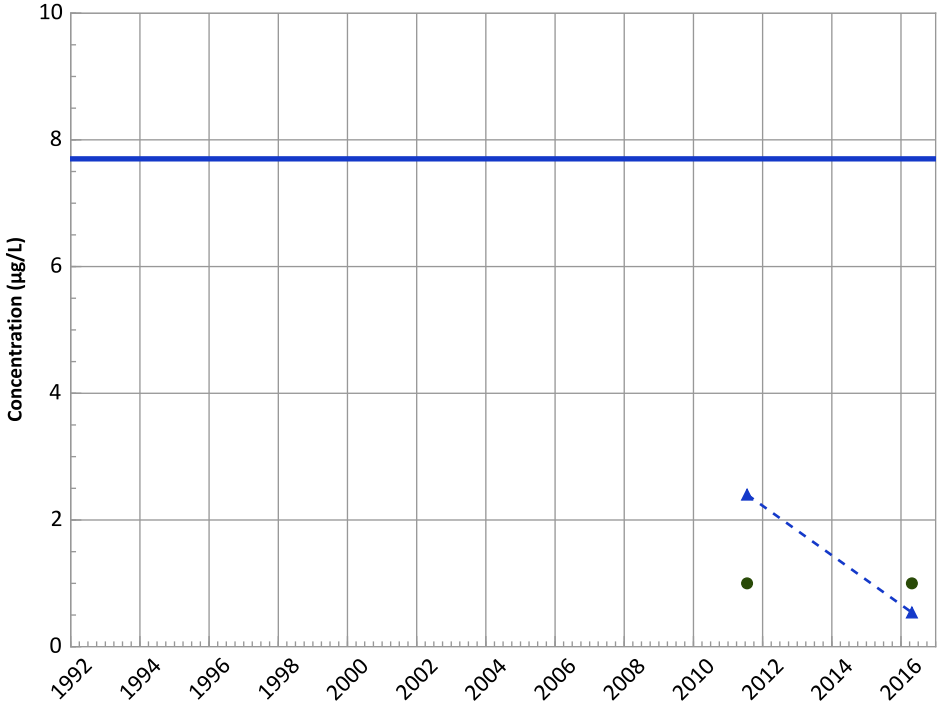


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

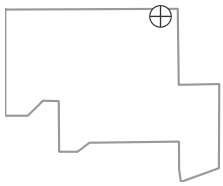
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

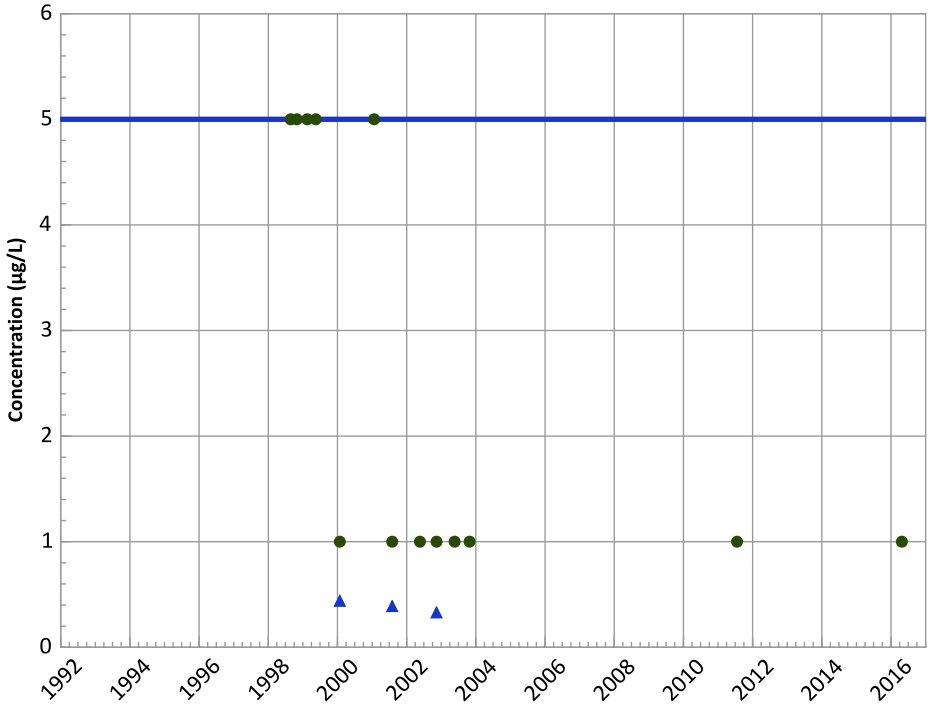
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX04-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

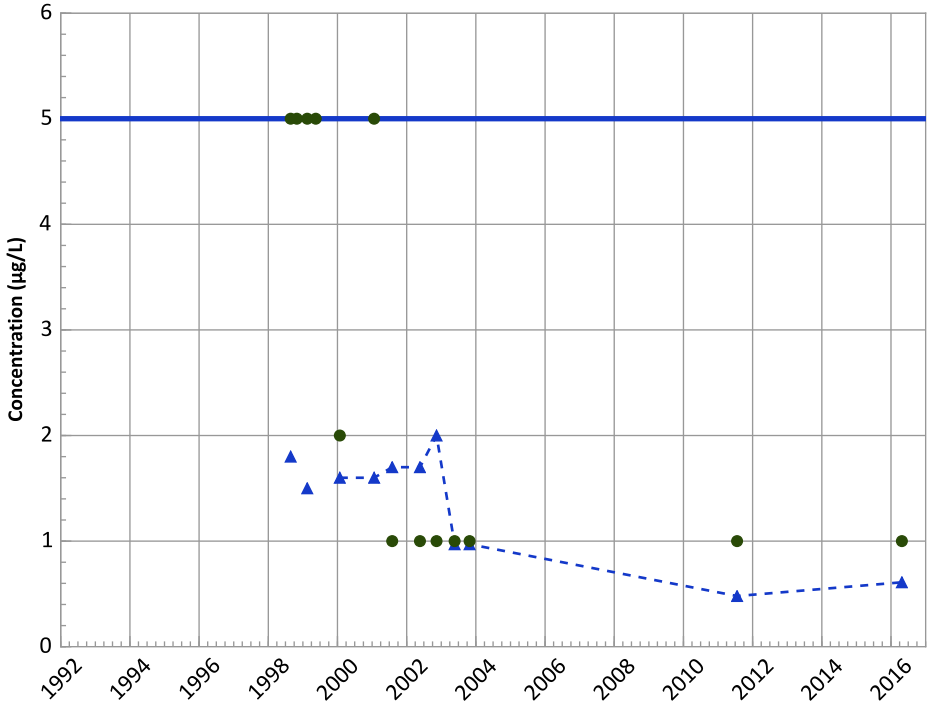


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

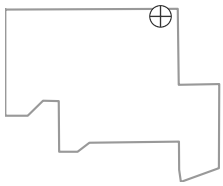
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

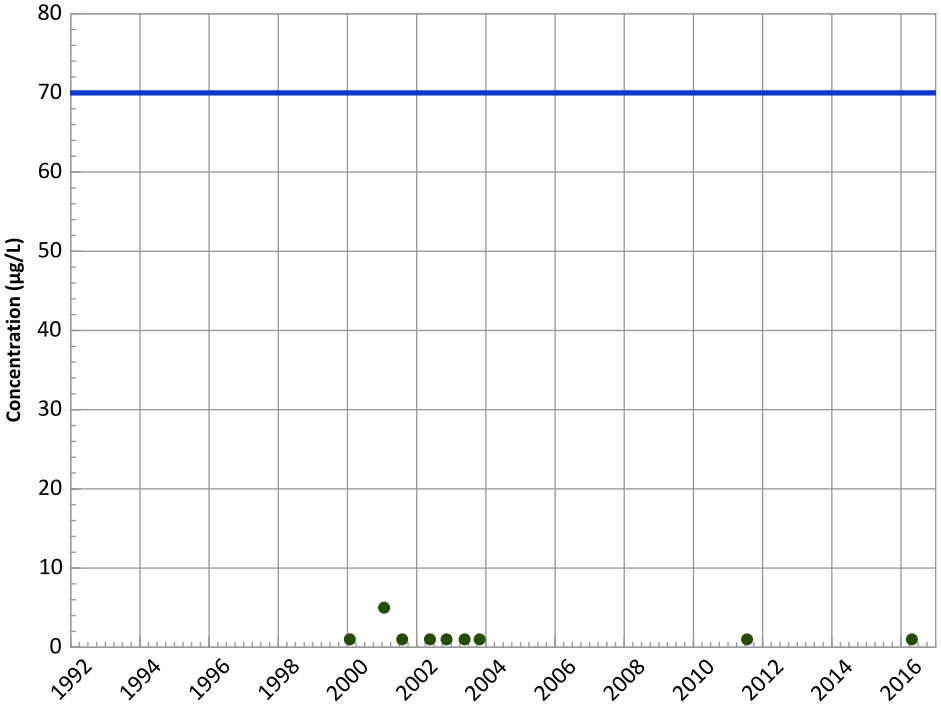
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

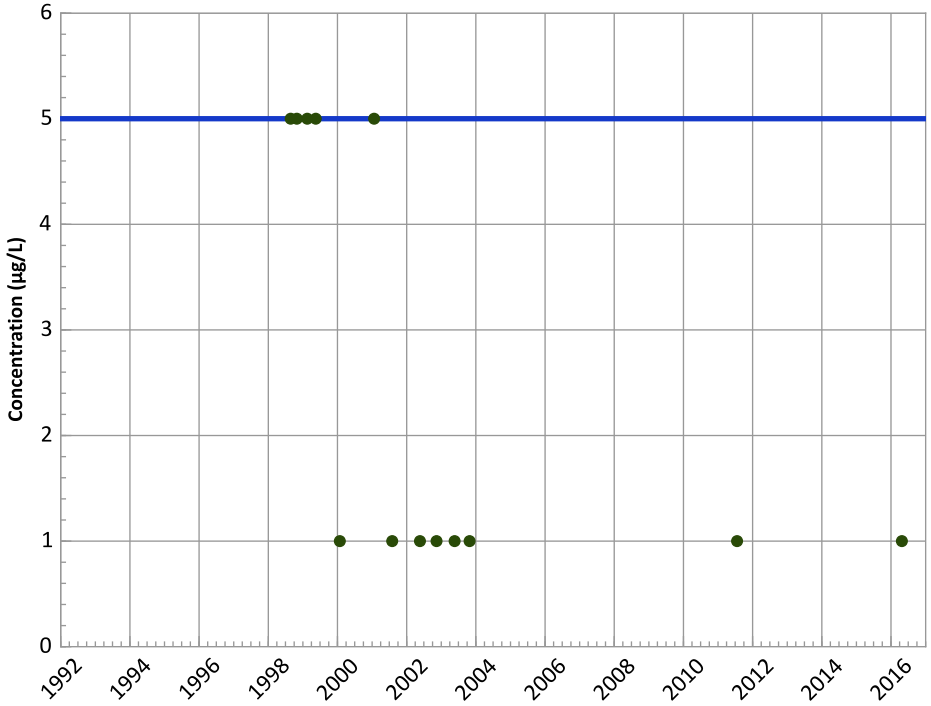


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

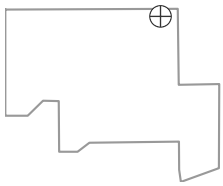
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

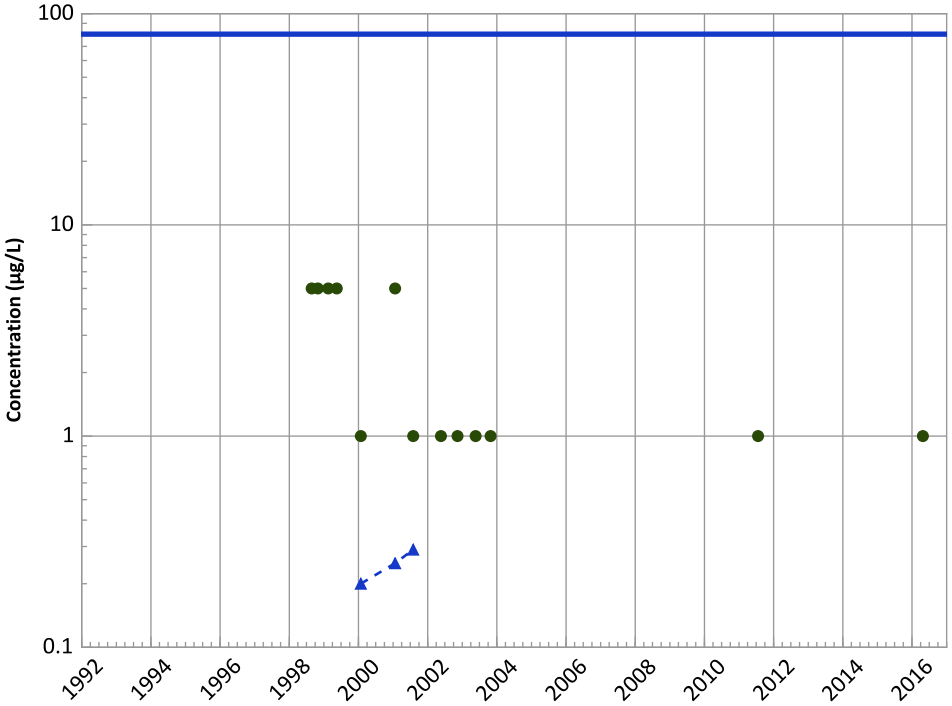
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

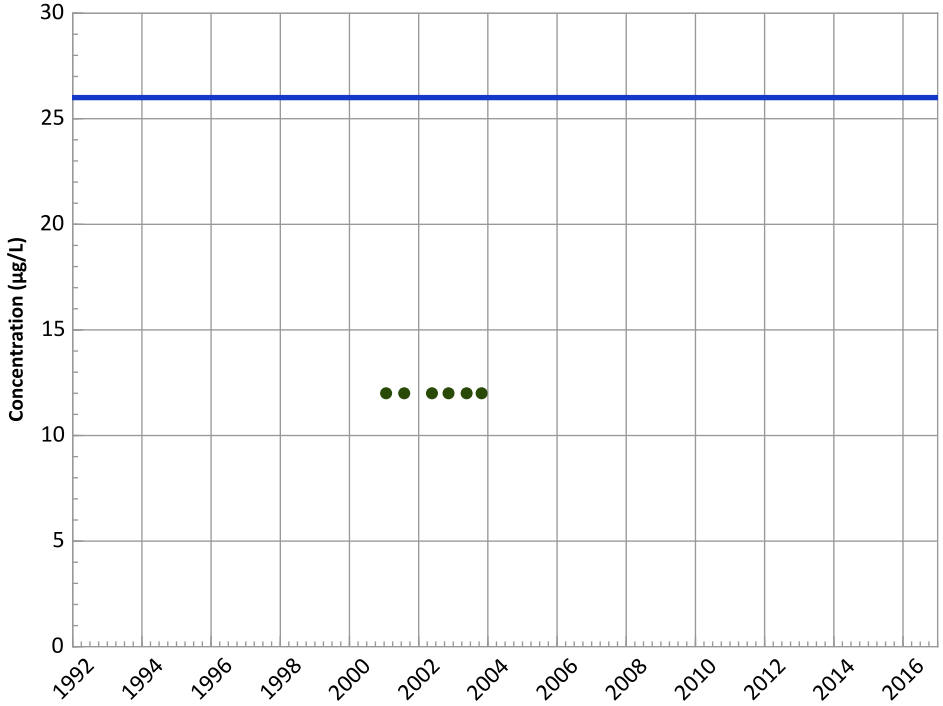


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Perchlorate Trend



Concentration Trend

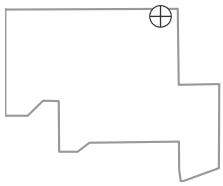
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

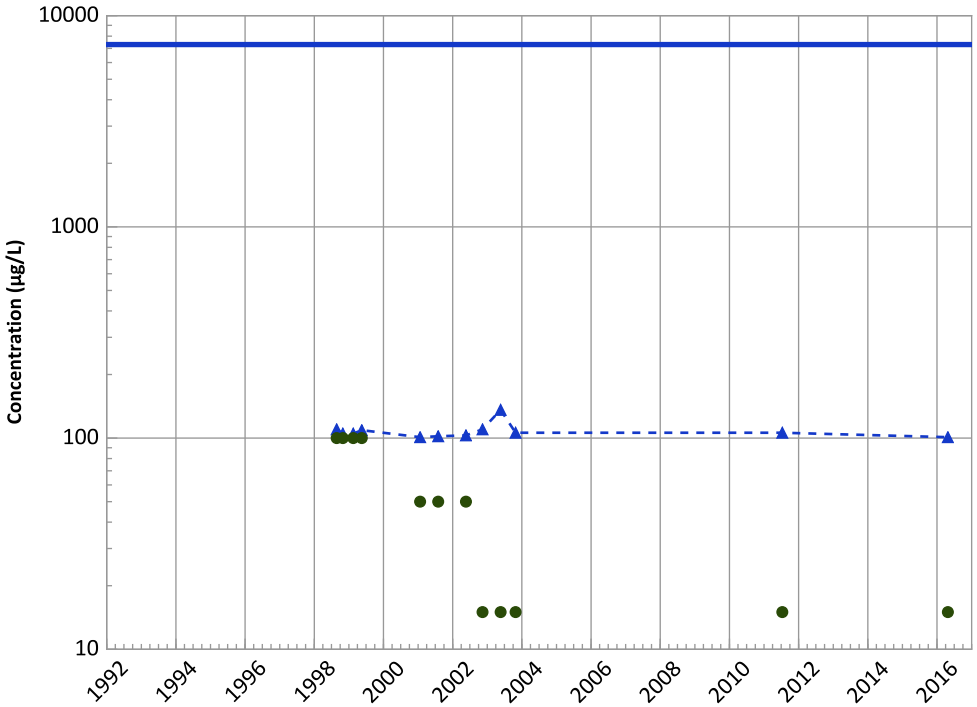
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

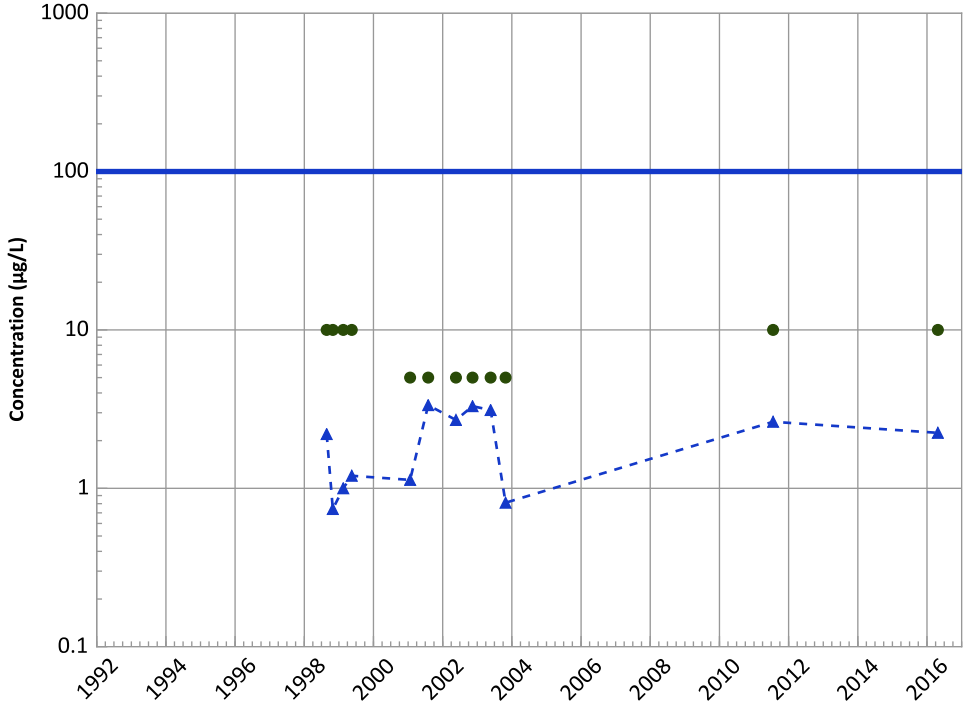


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

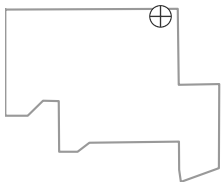
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

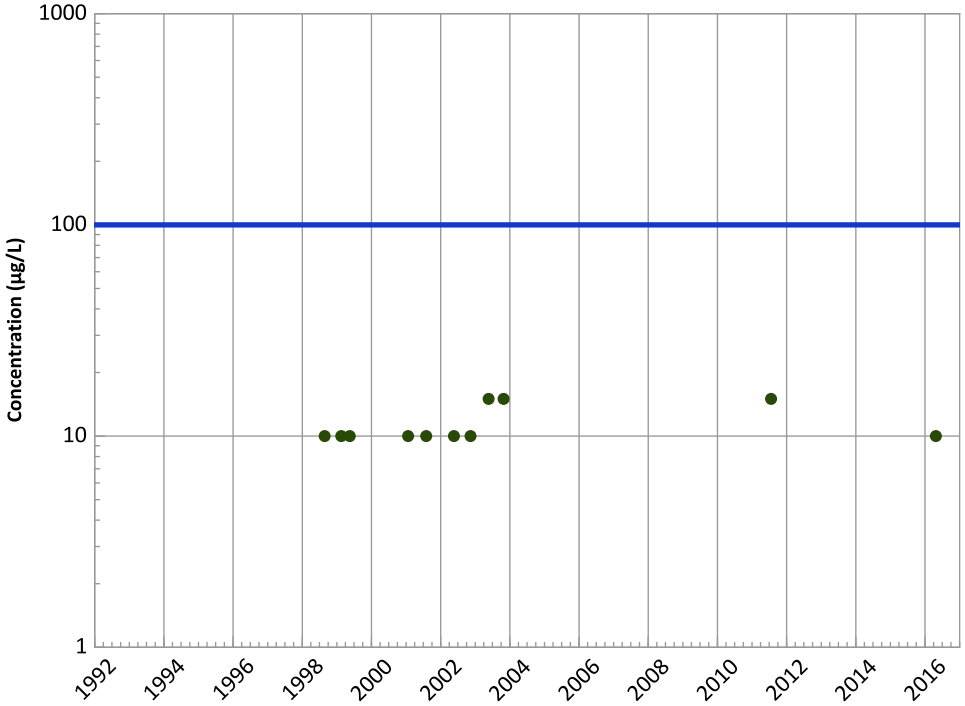
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

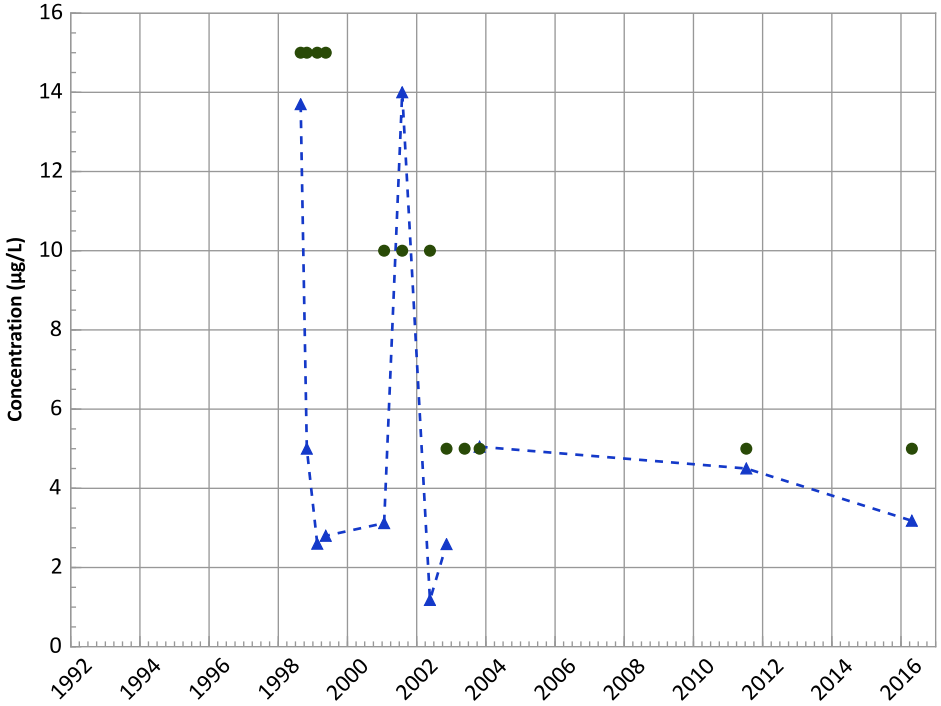


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Manganese Trend



Concentration Trend

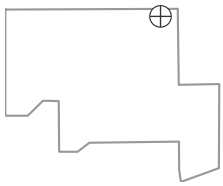
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

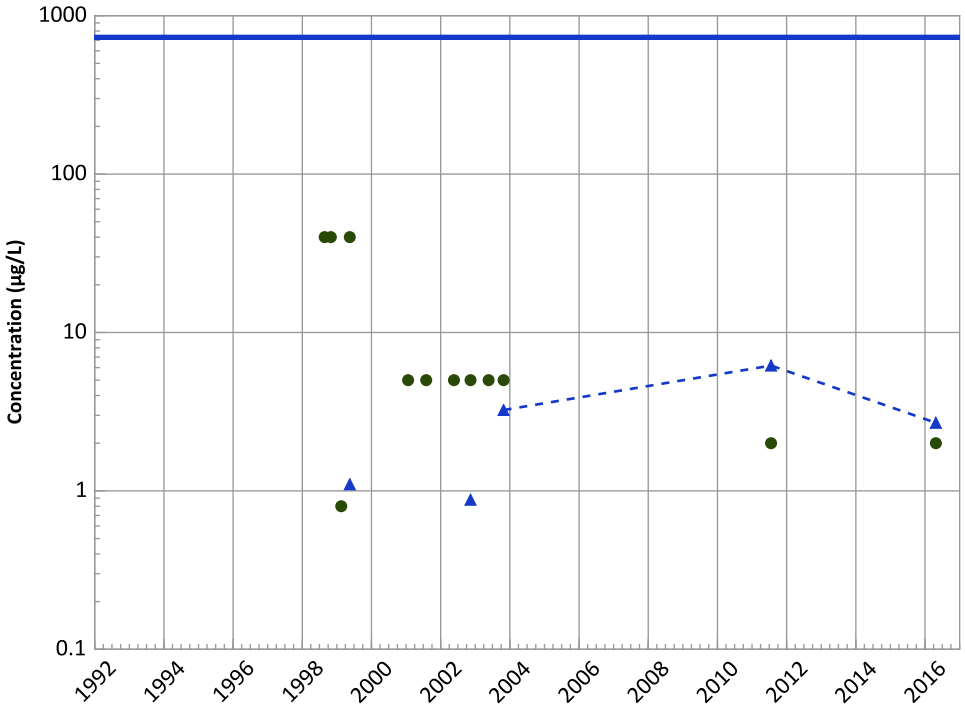
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

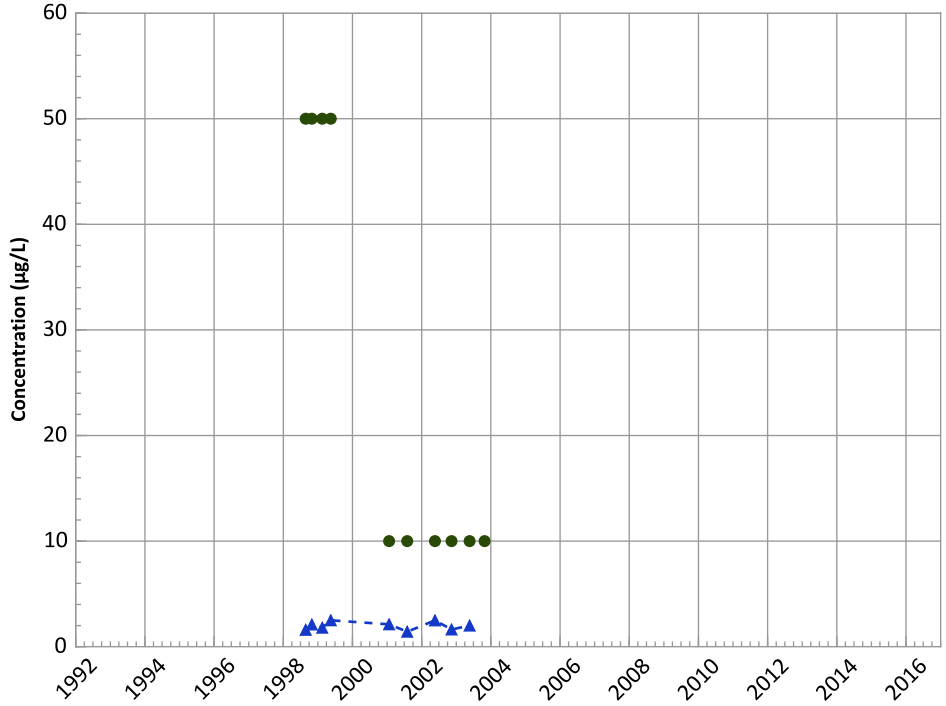


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Molybdenum Trend



Concentration Trend

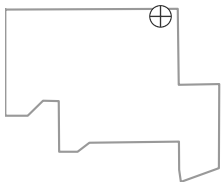
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

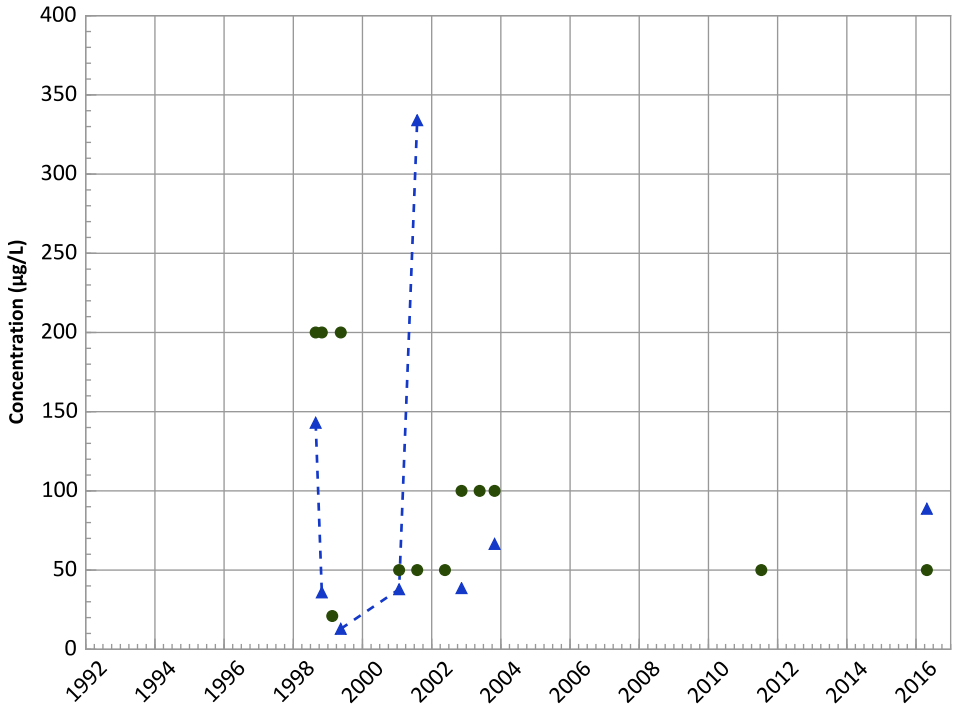
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

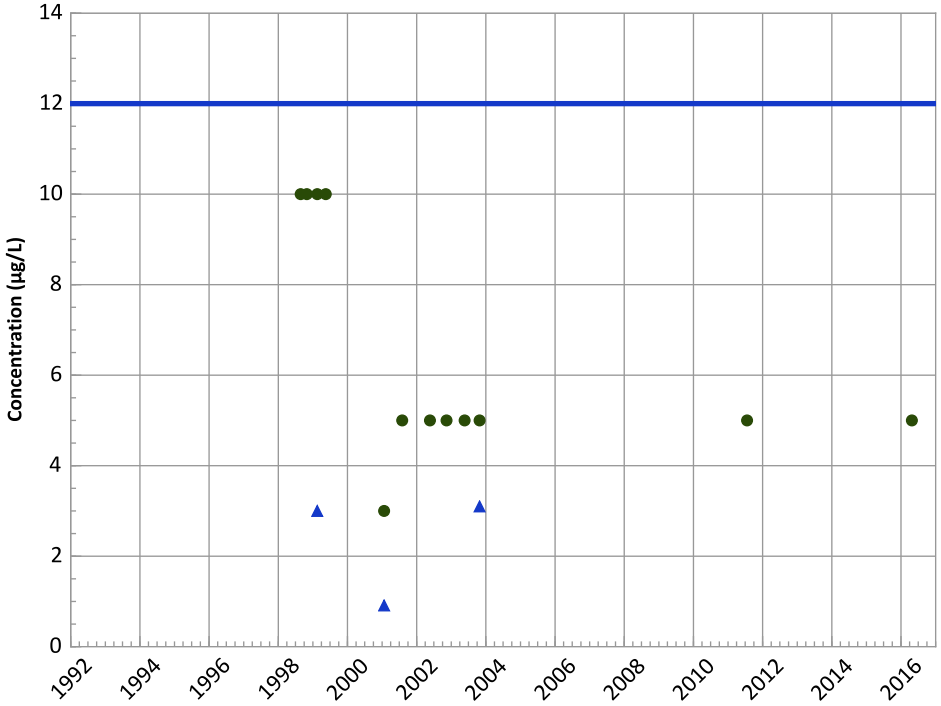


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Arsenic Trend



Concentration Trend

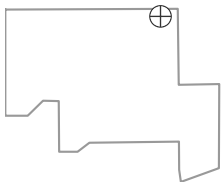
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

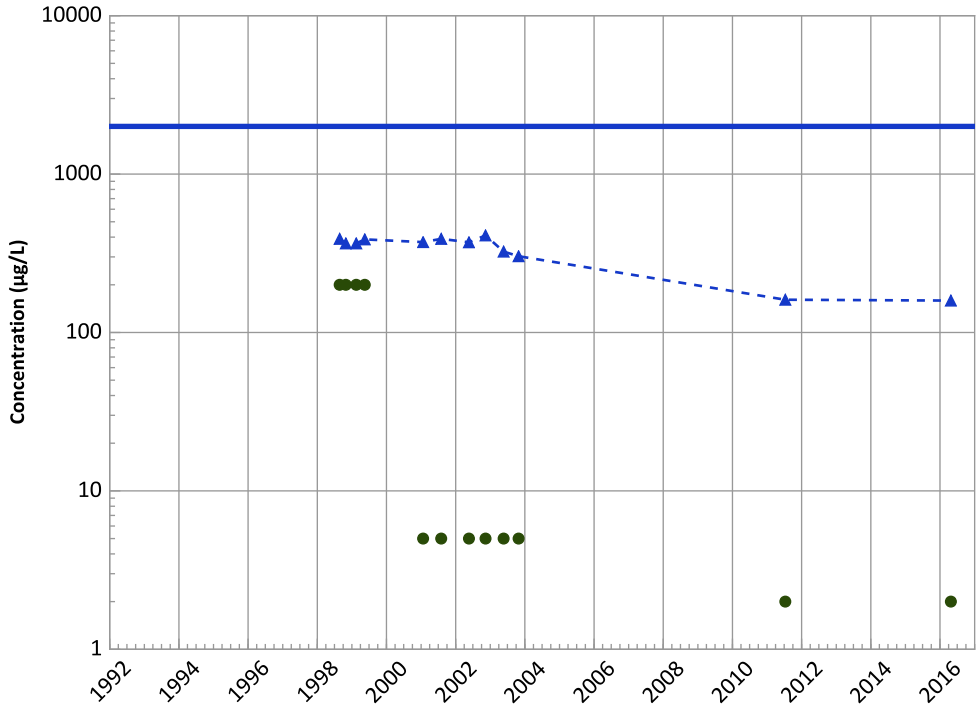
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

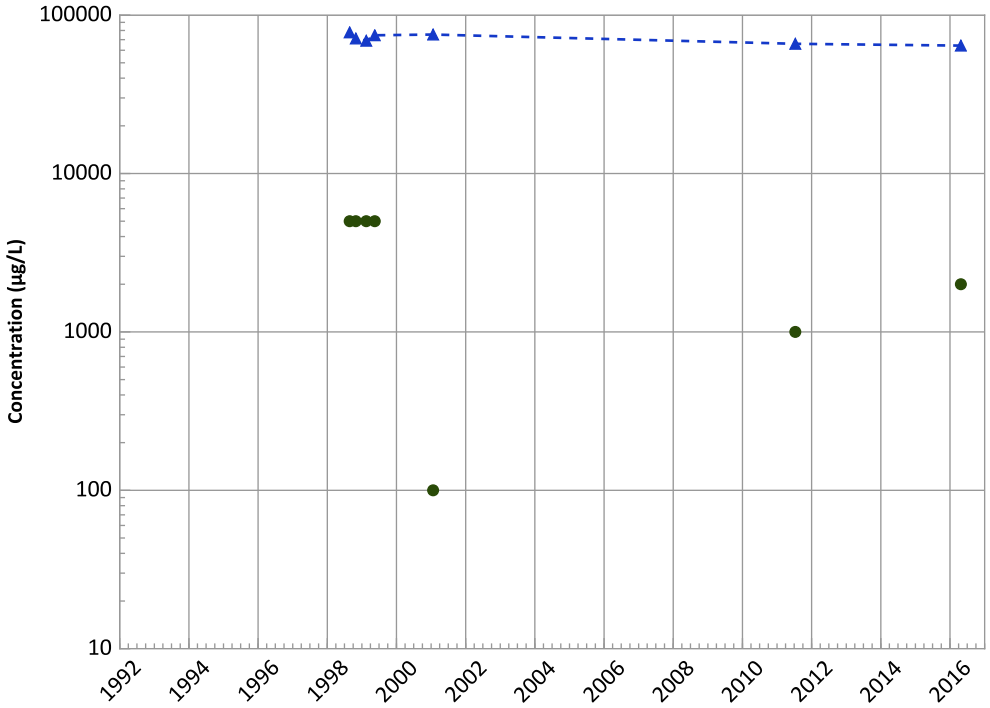


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Calcium Trend



Concentration Trend

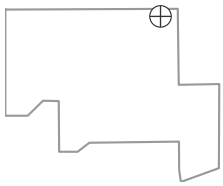
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

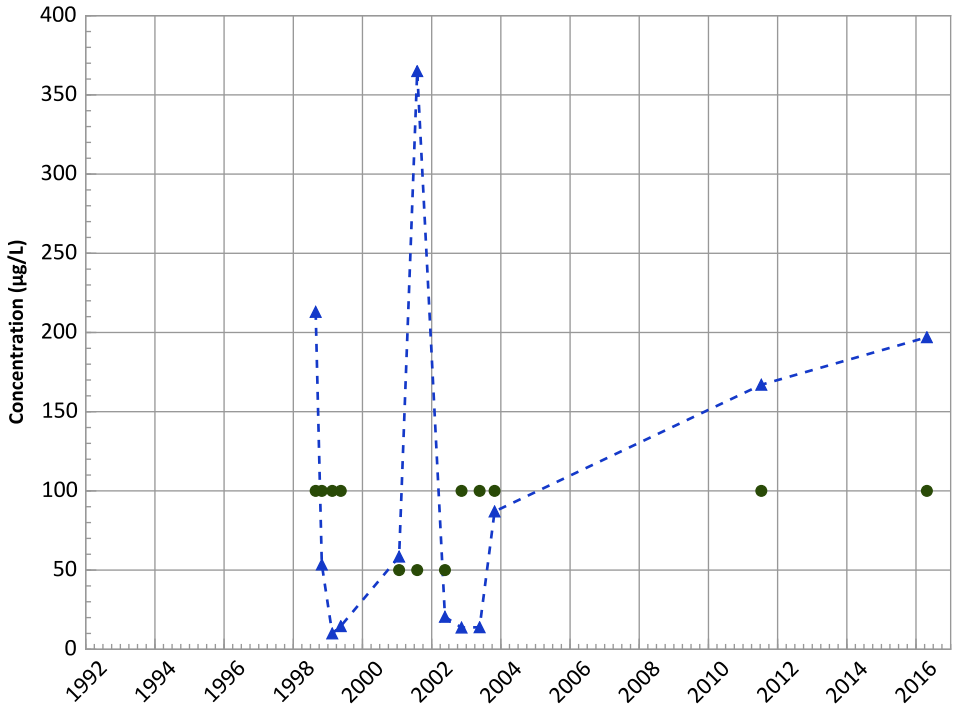
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

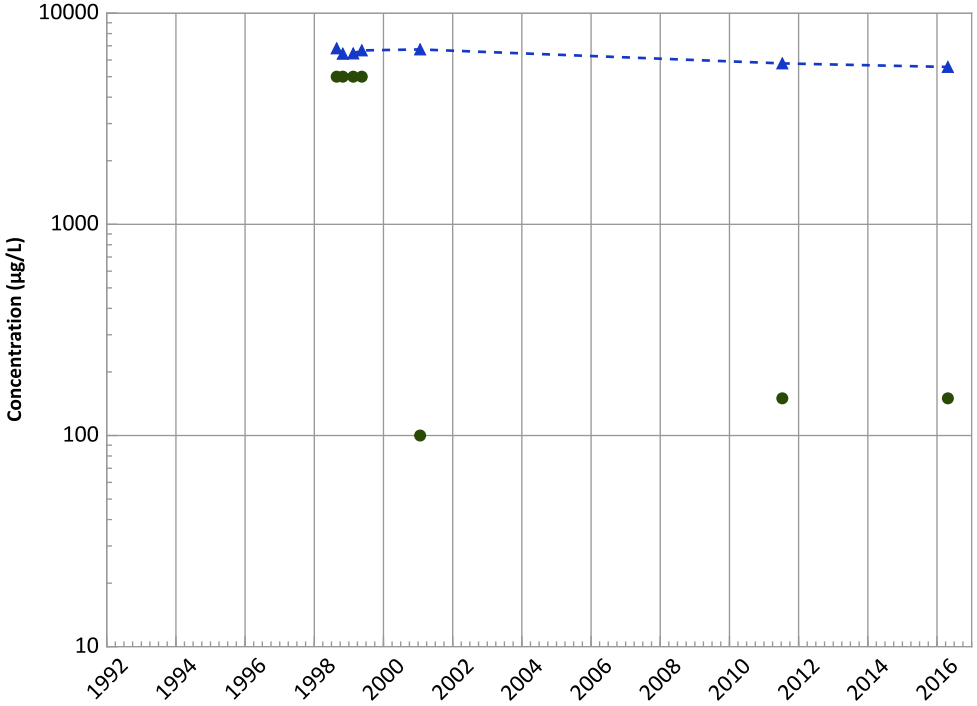


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Potassium Trend



Concentration Trend

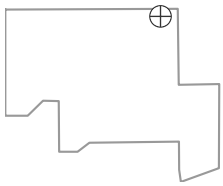
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

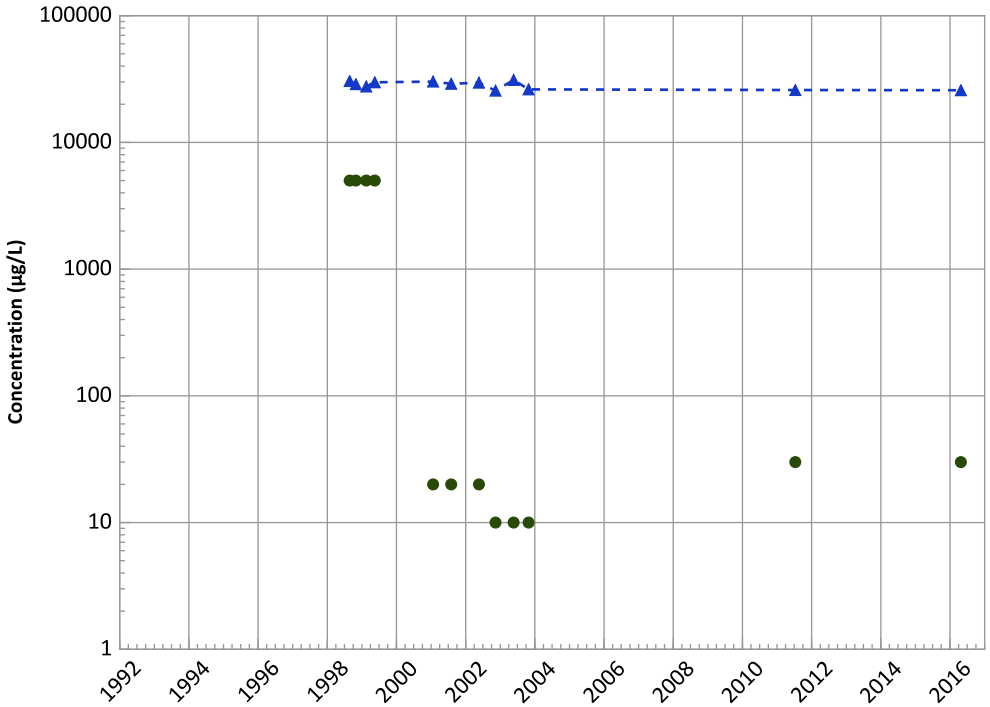
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

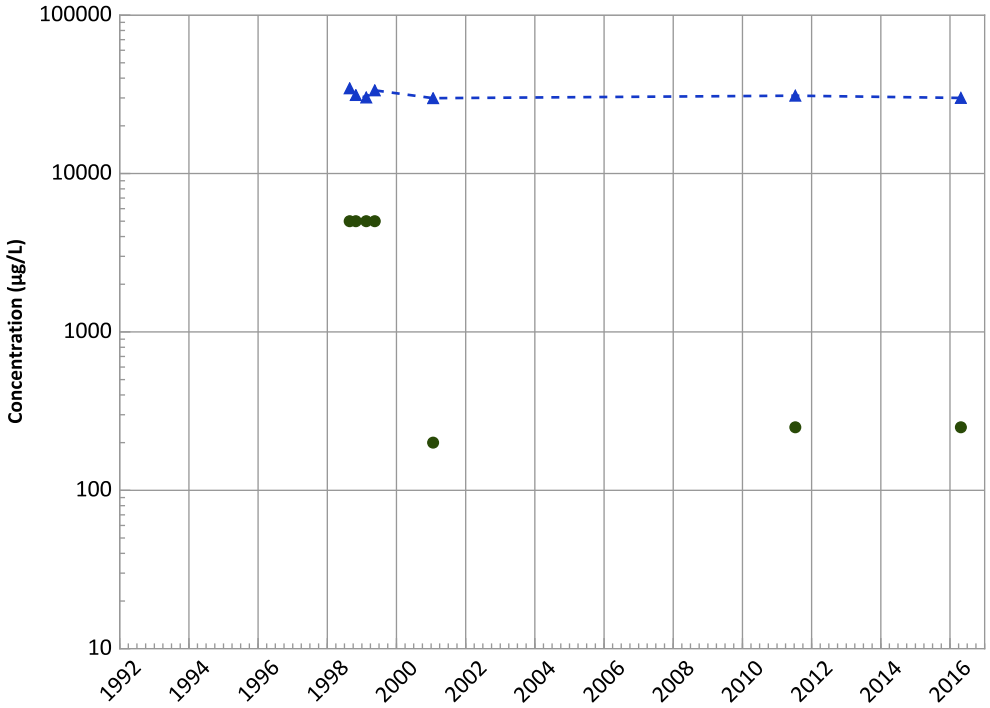


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Sodium Trend



Concentration Trend

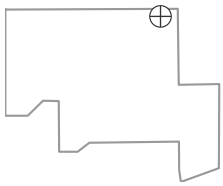
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

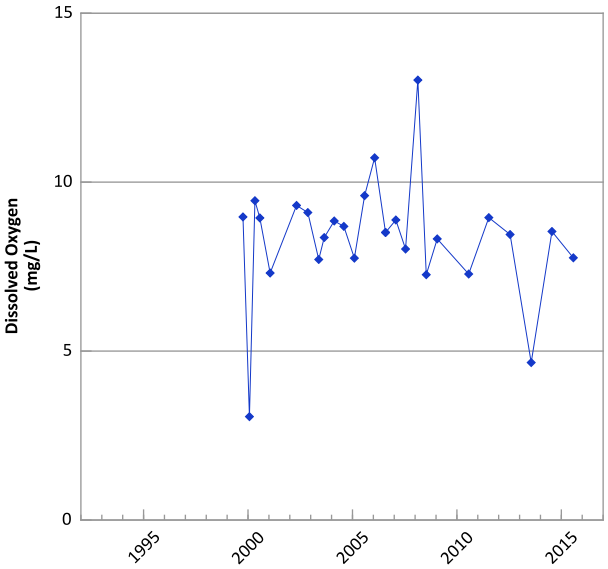
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

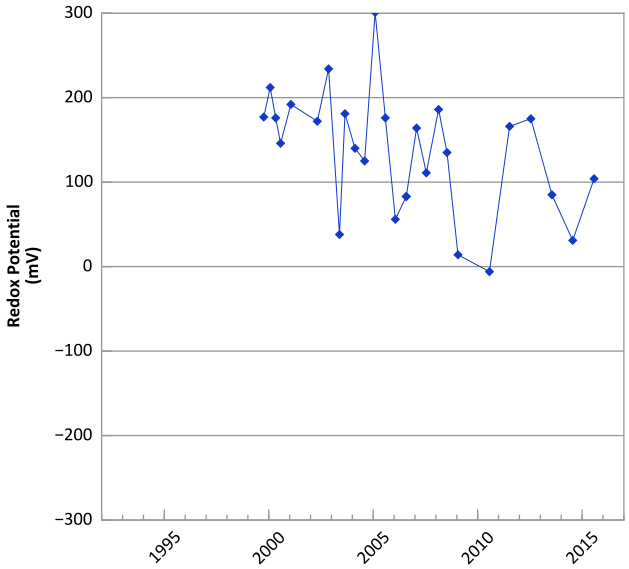
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

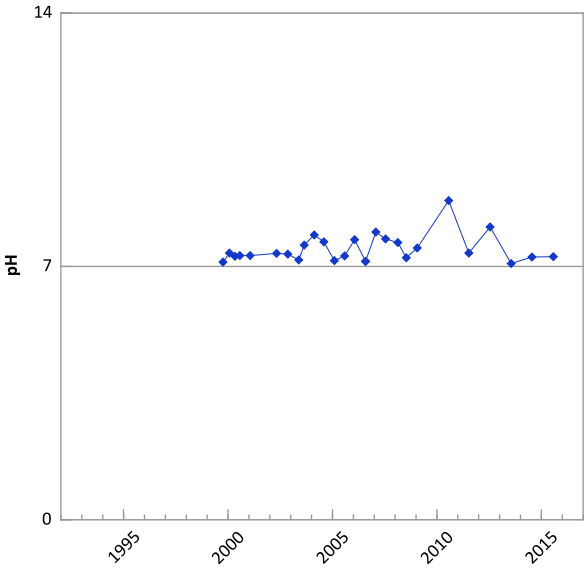
Well Location

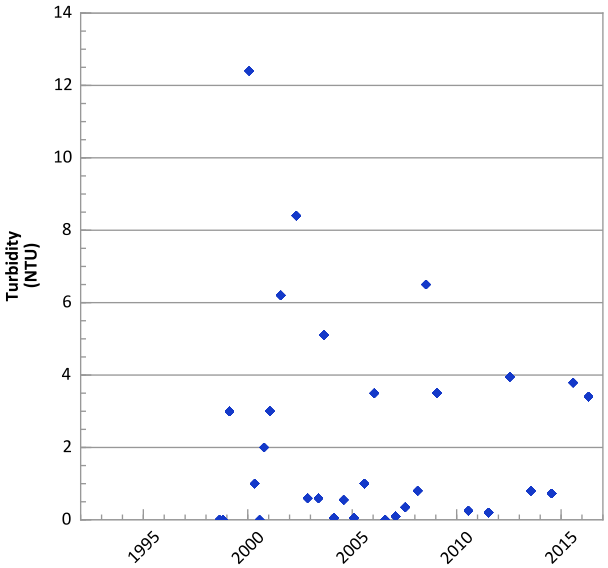


PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



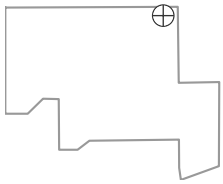






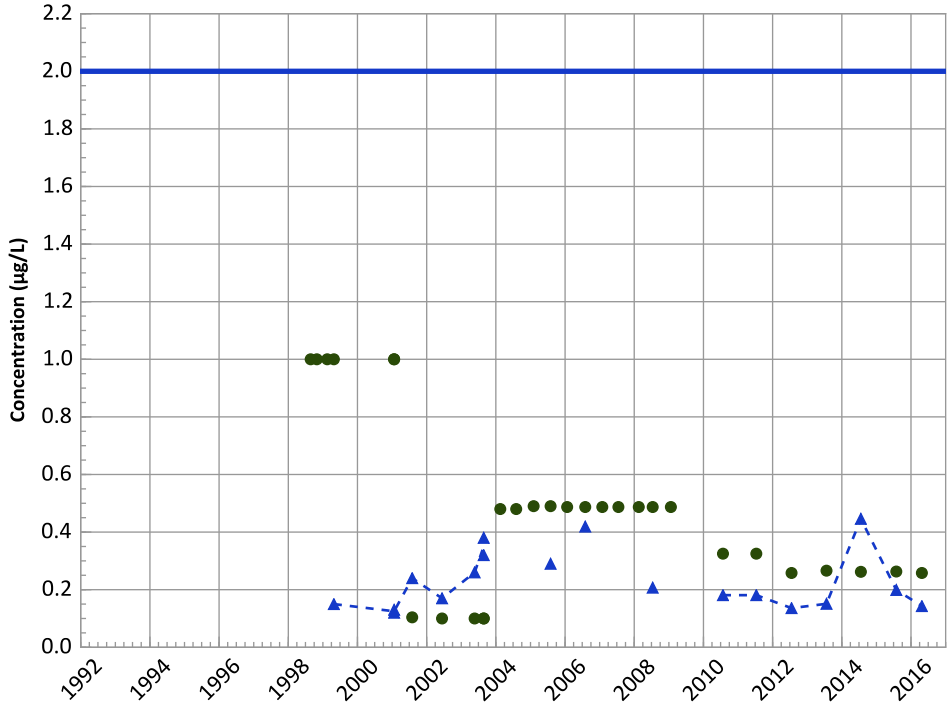
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

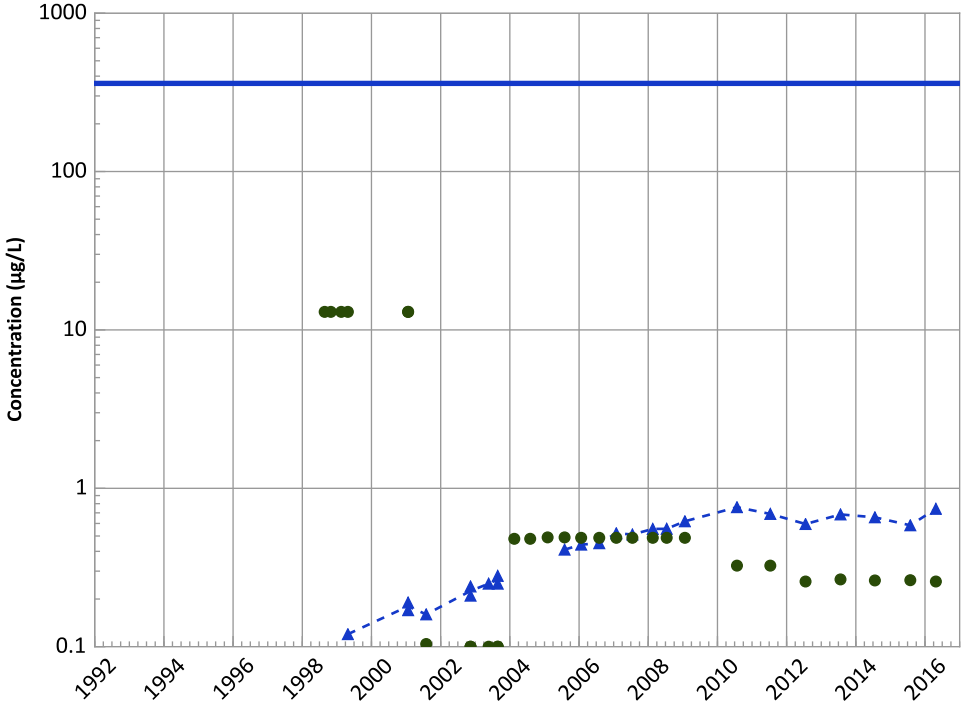


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

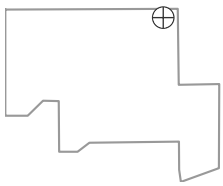
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

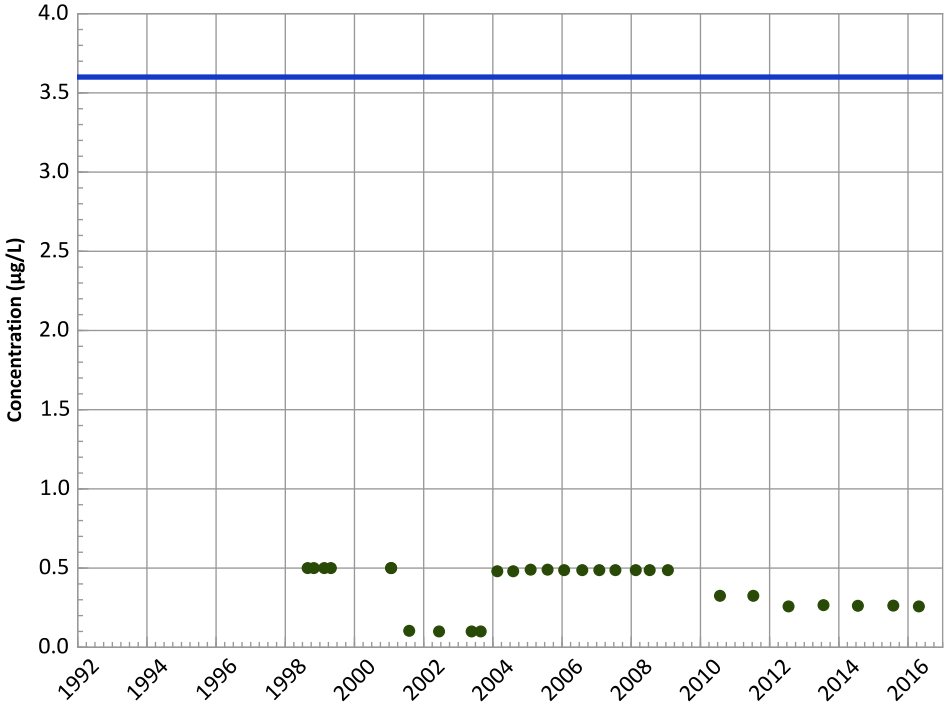
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

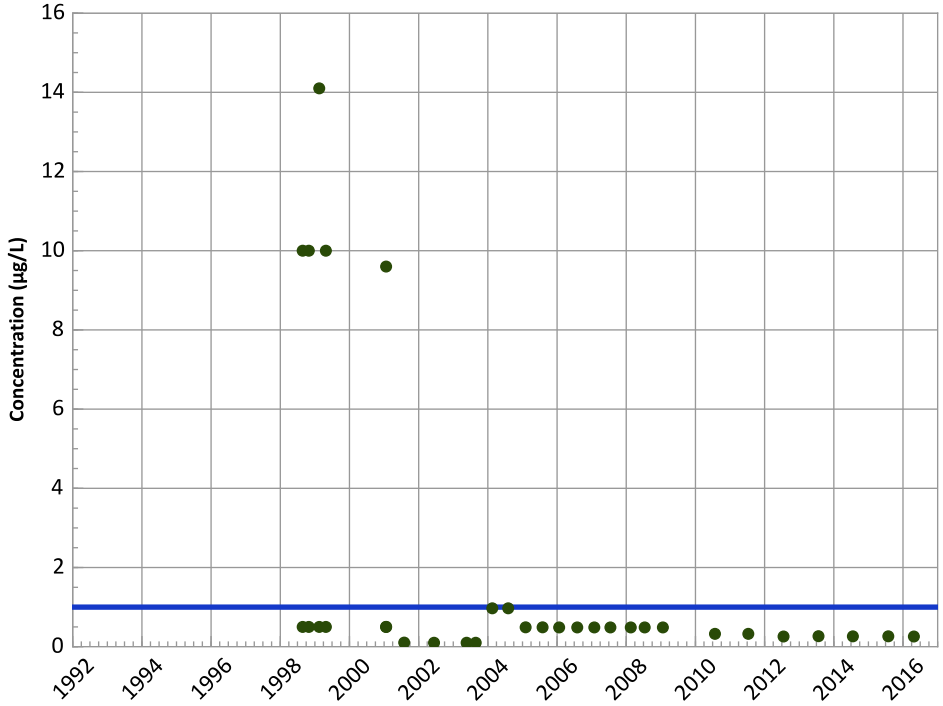


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

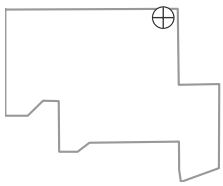
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

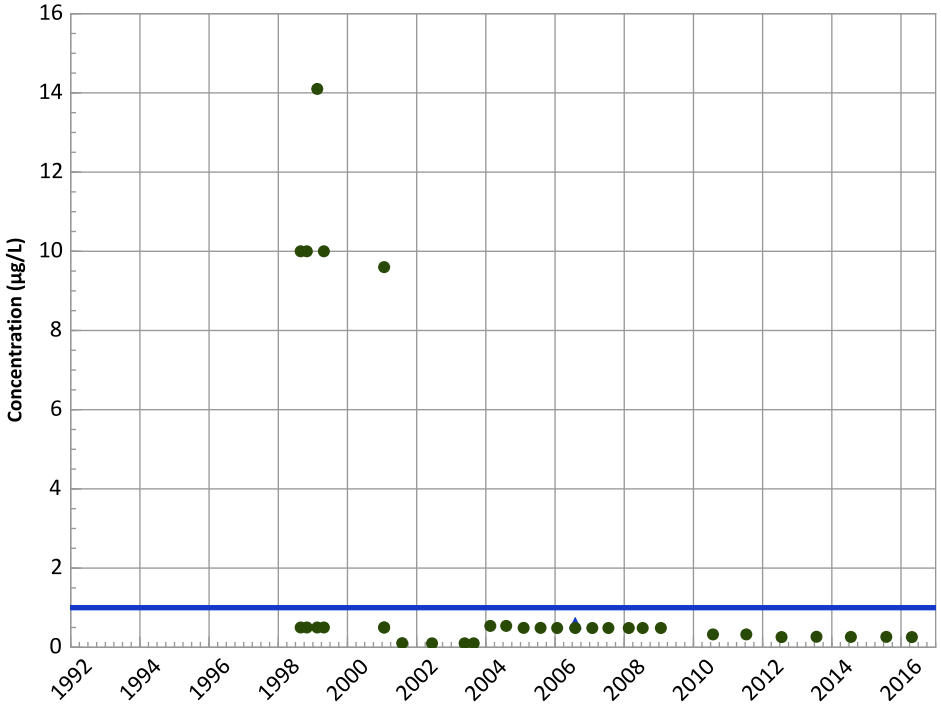
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

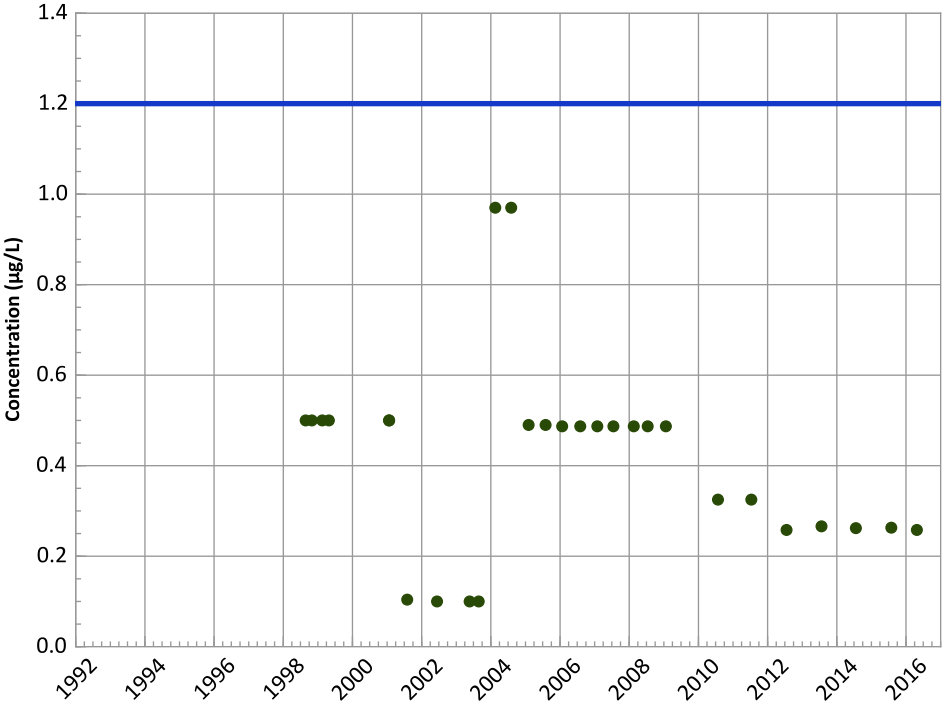


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

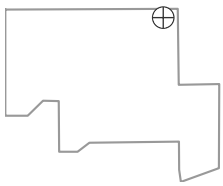
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

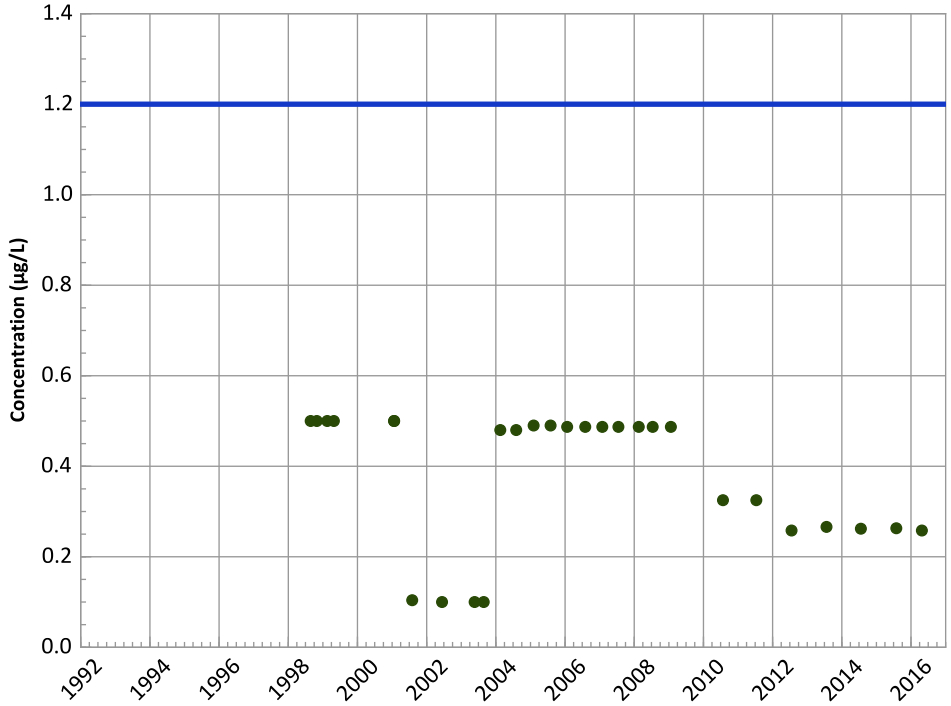
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

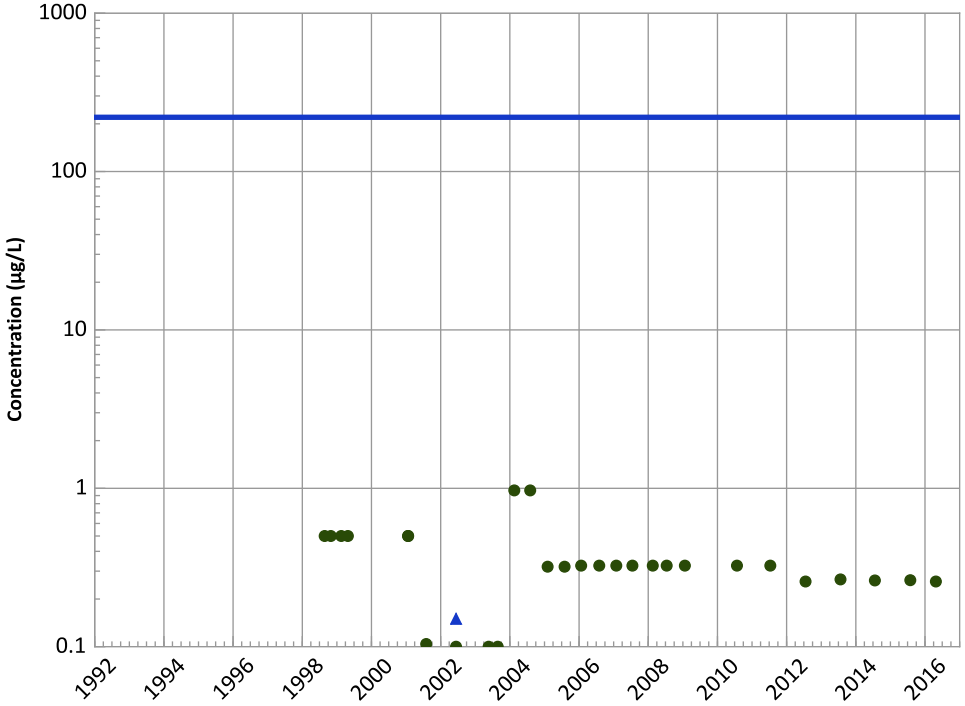


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

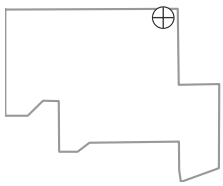
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

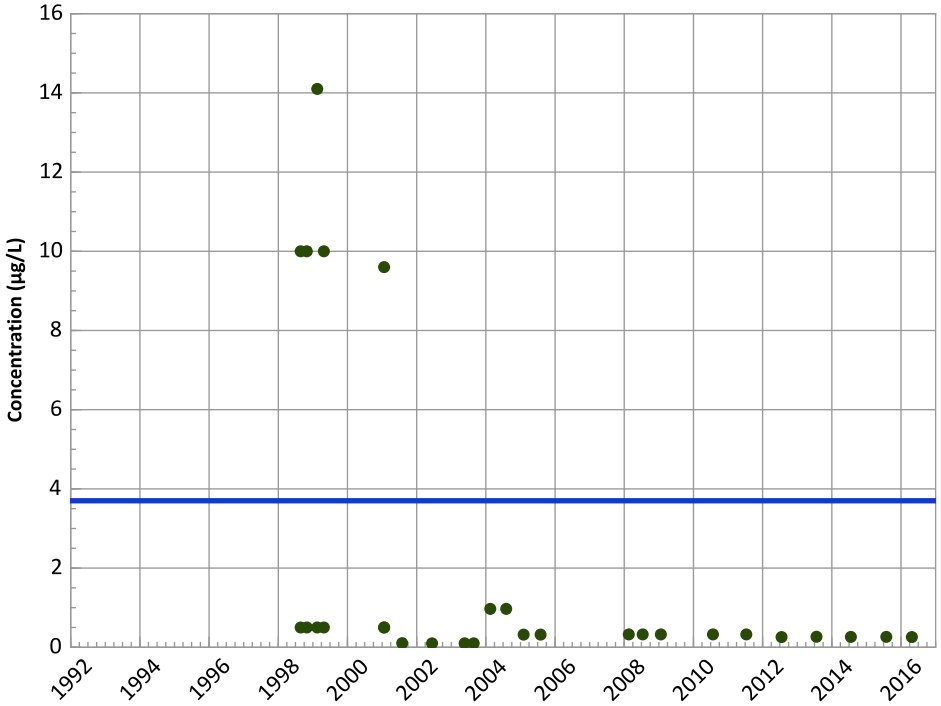
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

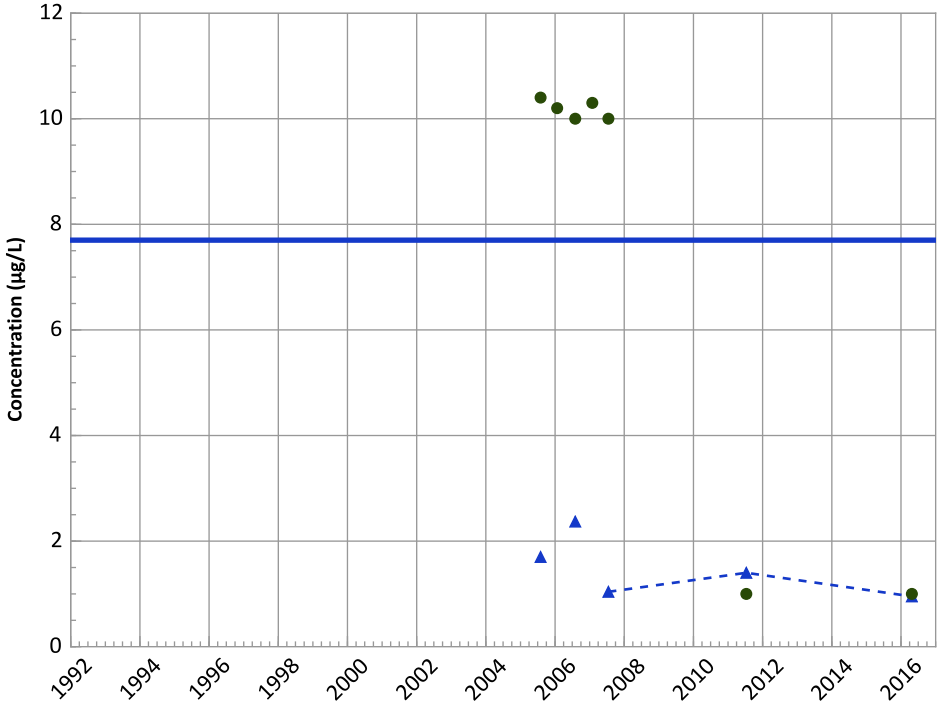


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

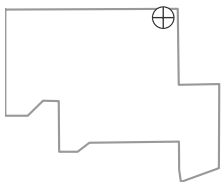
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

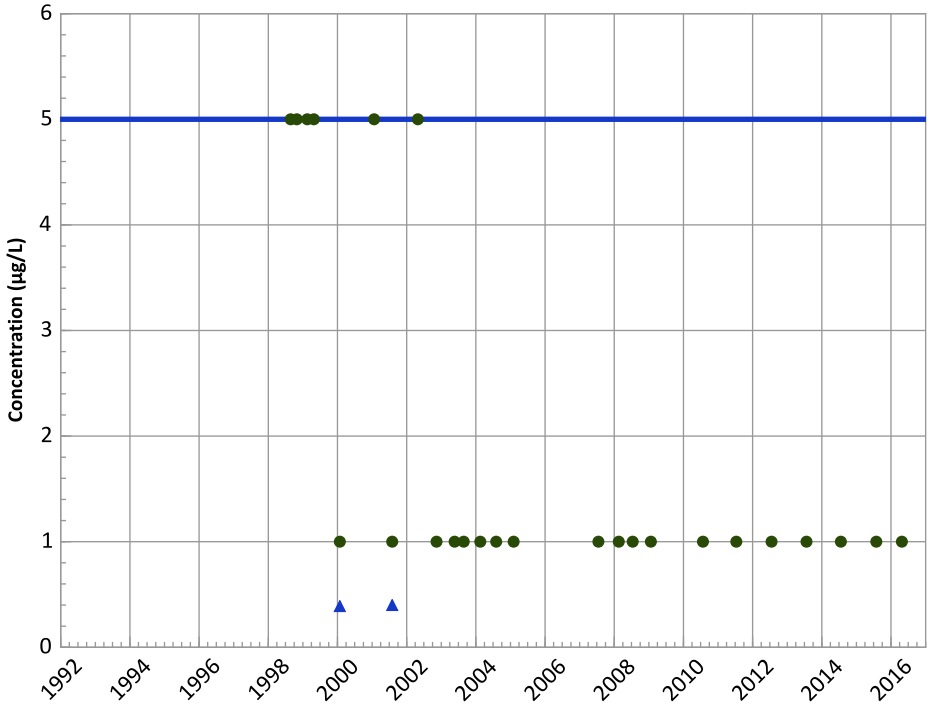
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

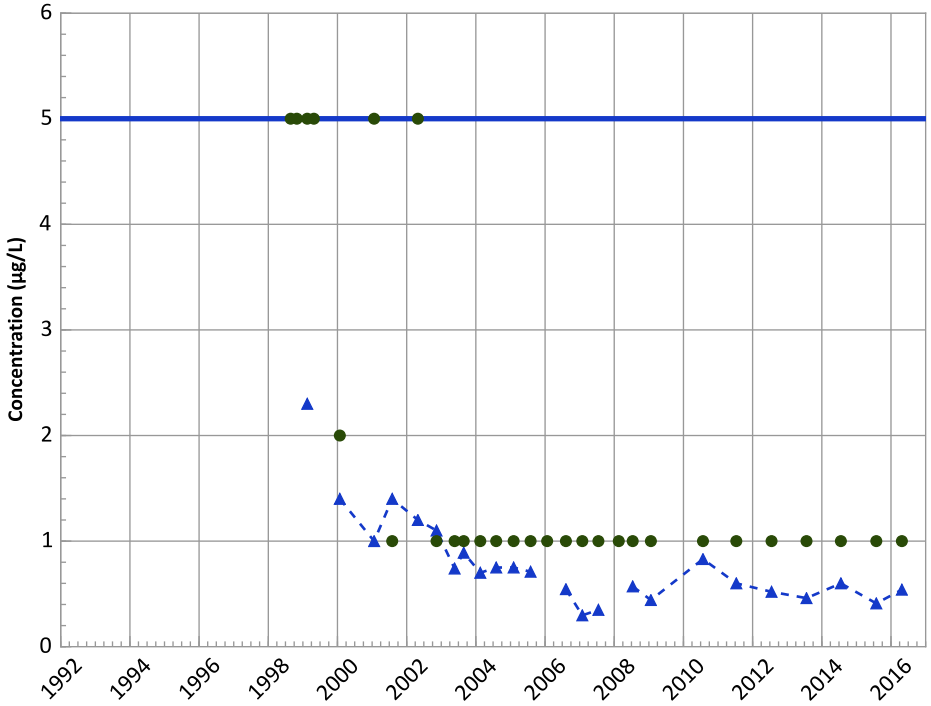


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

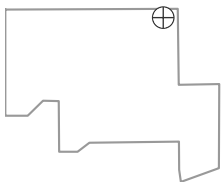
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

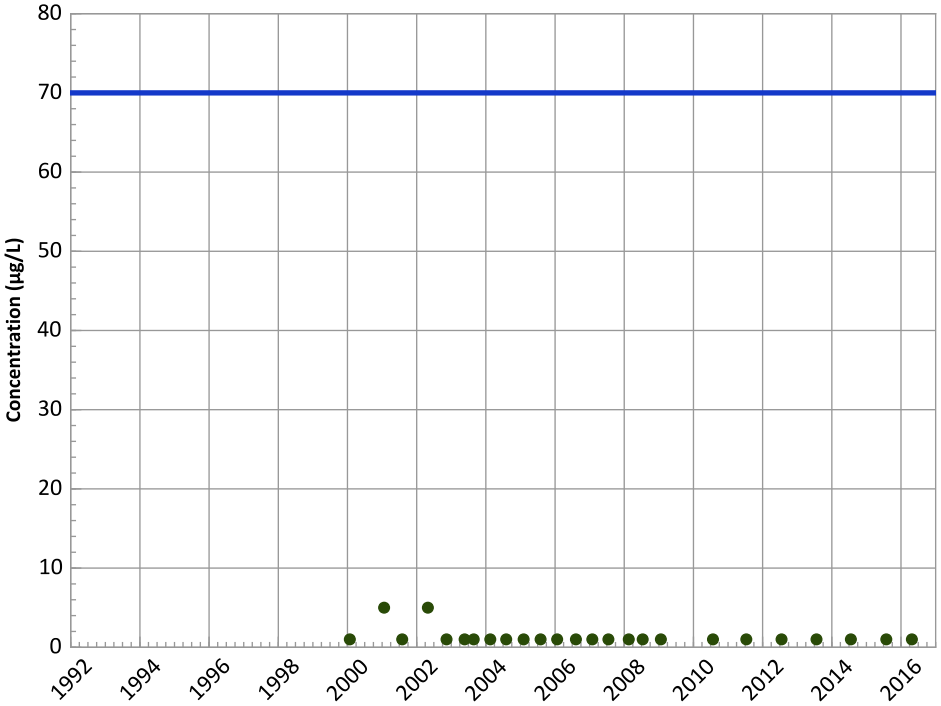
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

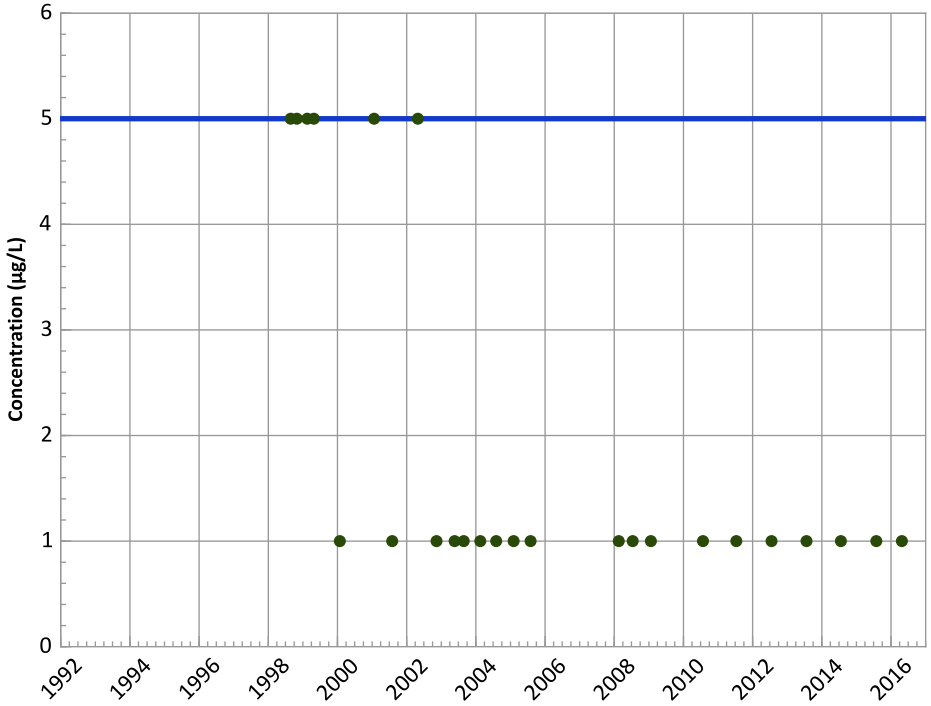


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

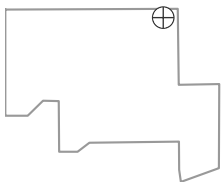
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

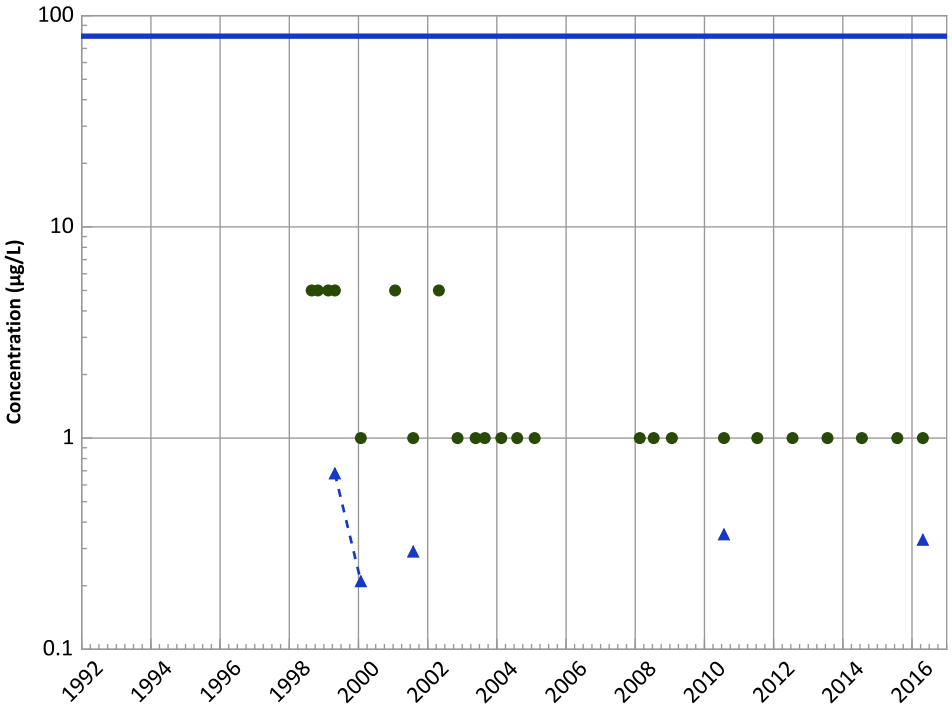
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

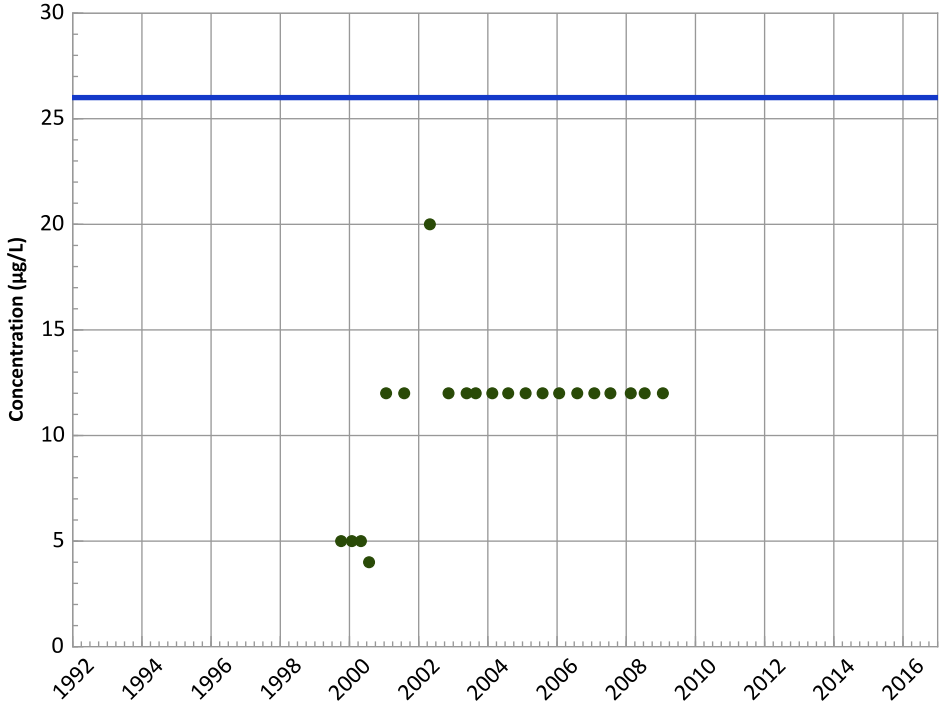


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Perchlorate Trend



Concentration Trend

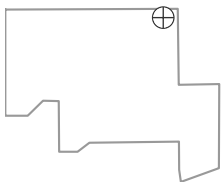
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

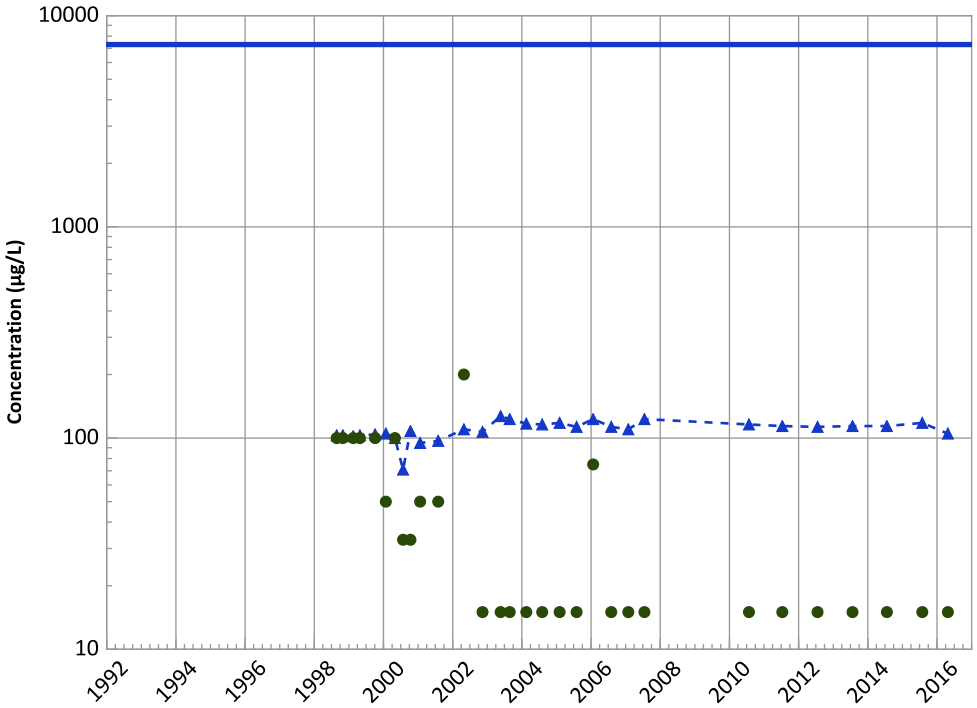
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

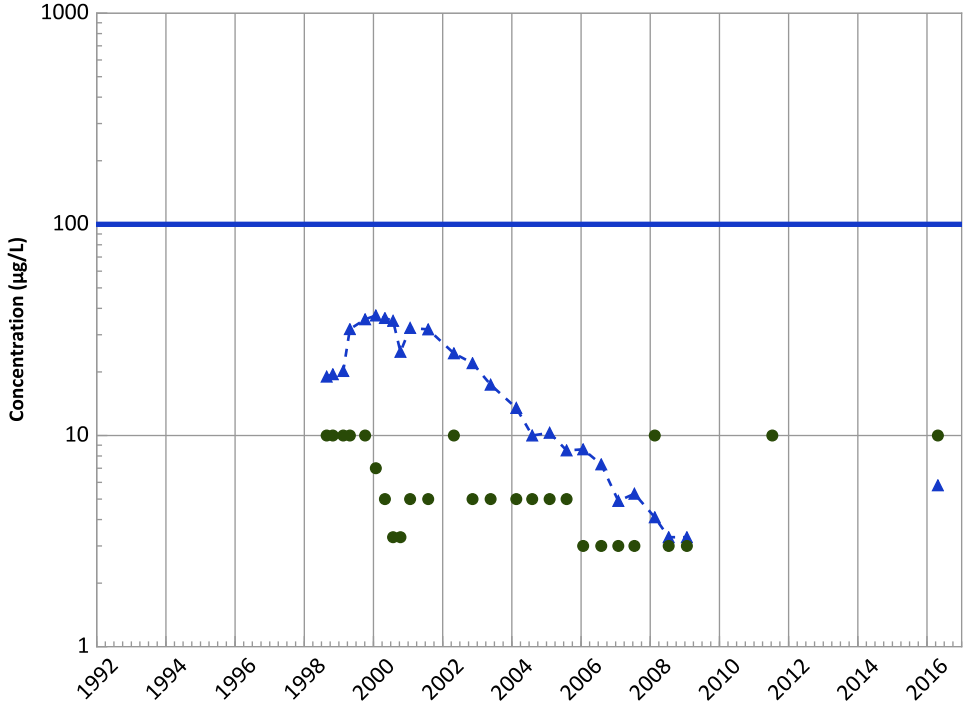


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Chromium, Total Trend



Concentration Trend

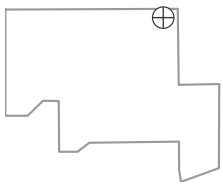
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

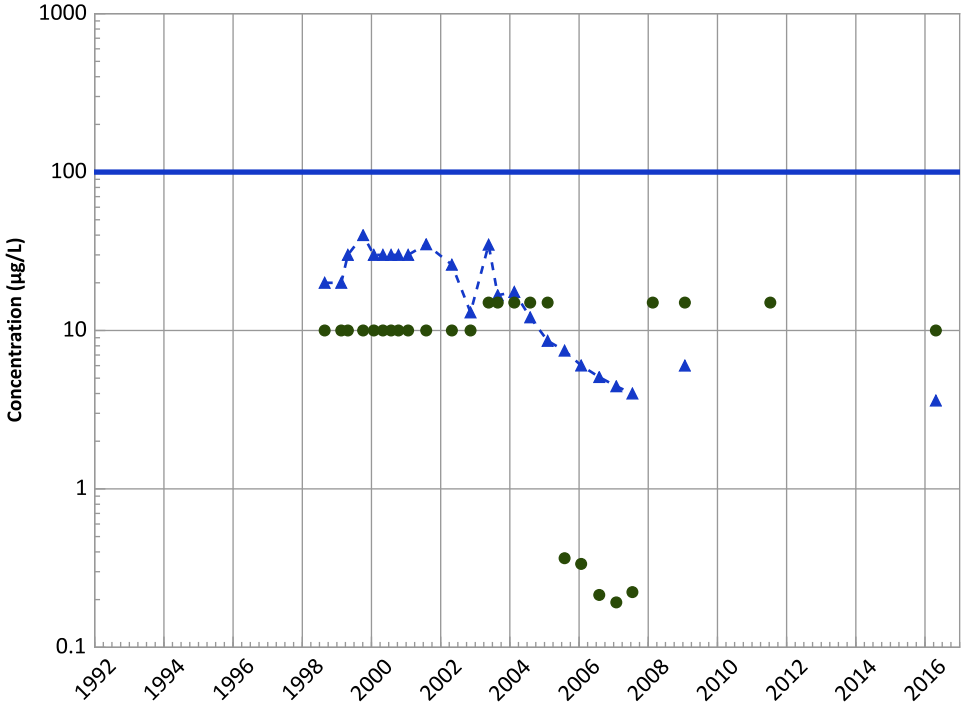
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

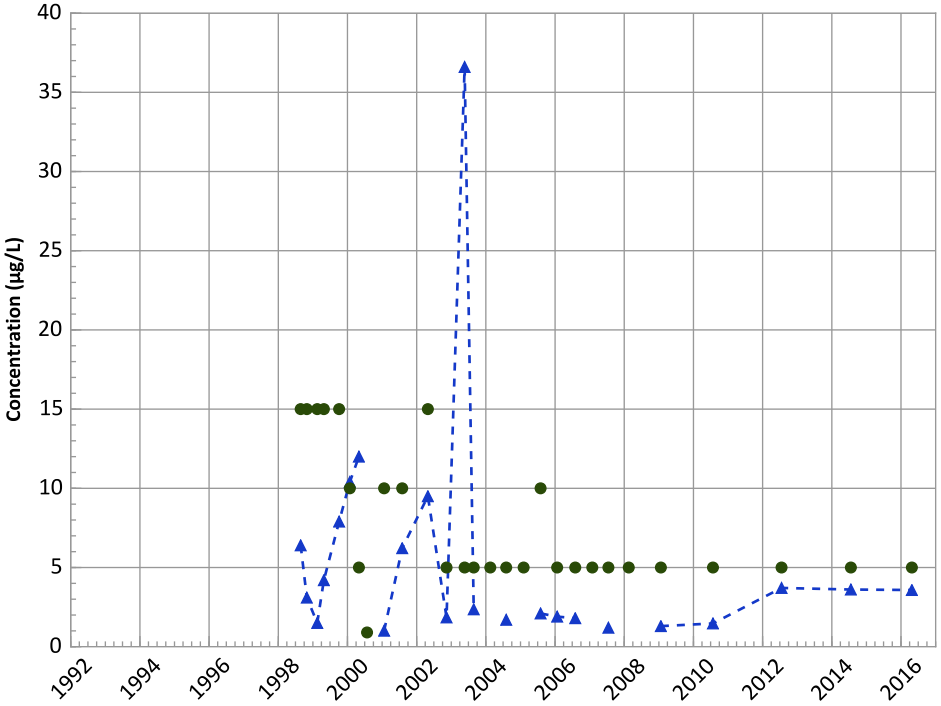


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Manganese Trend



Concentration Trend

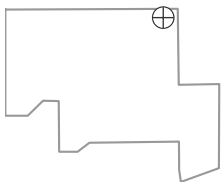
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

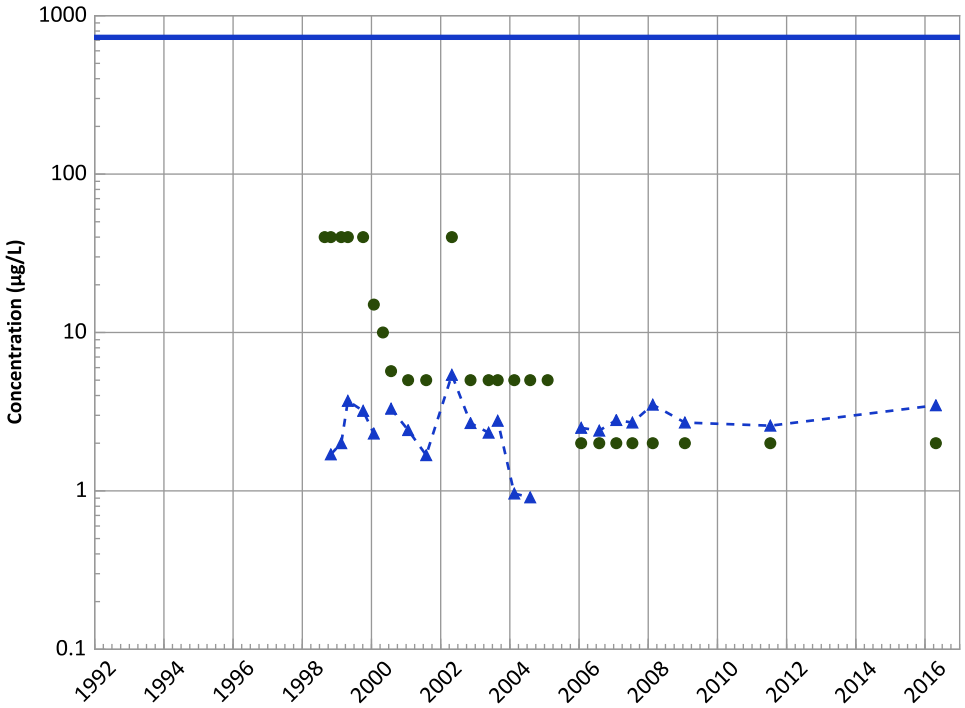
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

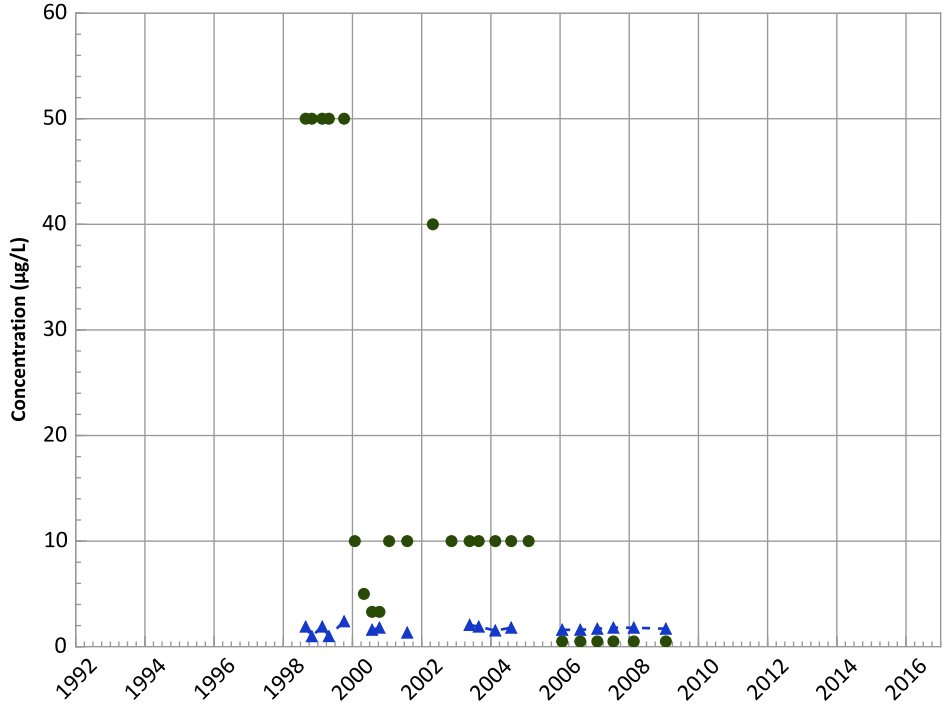


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Molybdenum Trend



Concentration Trend

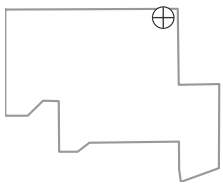
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

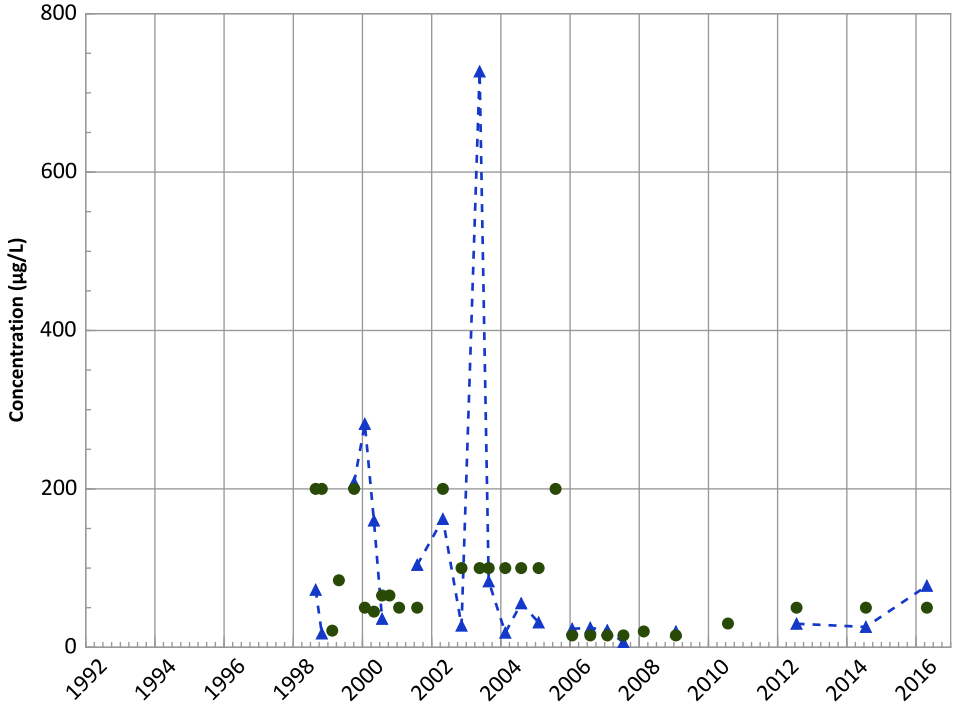
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

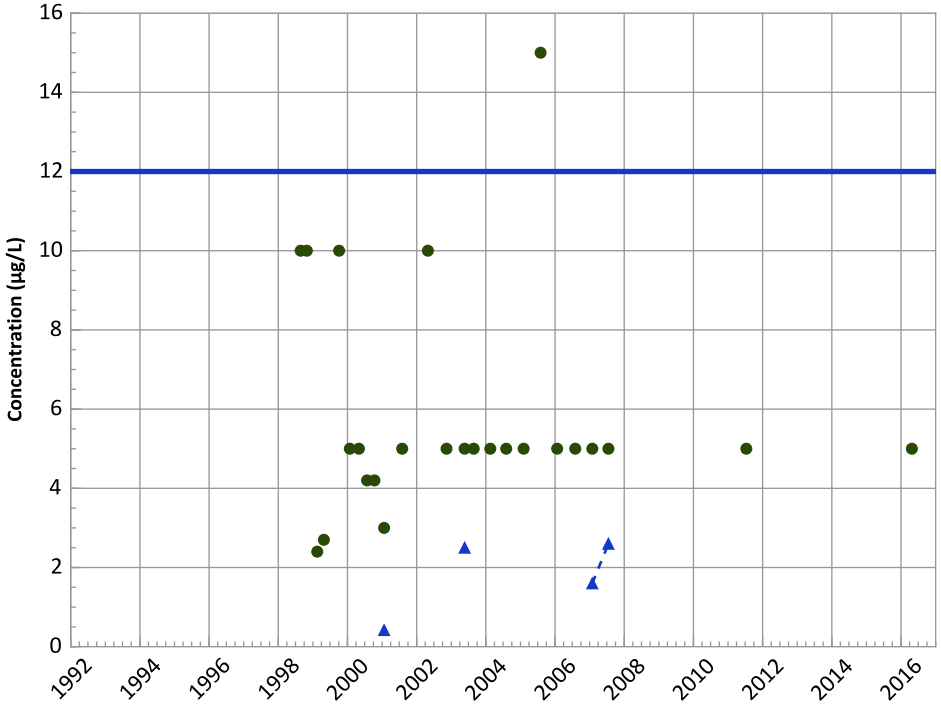


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Arsenic Trend



Concentration Trend

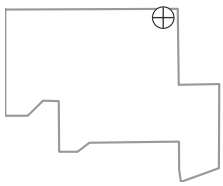
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

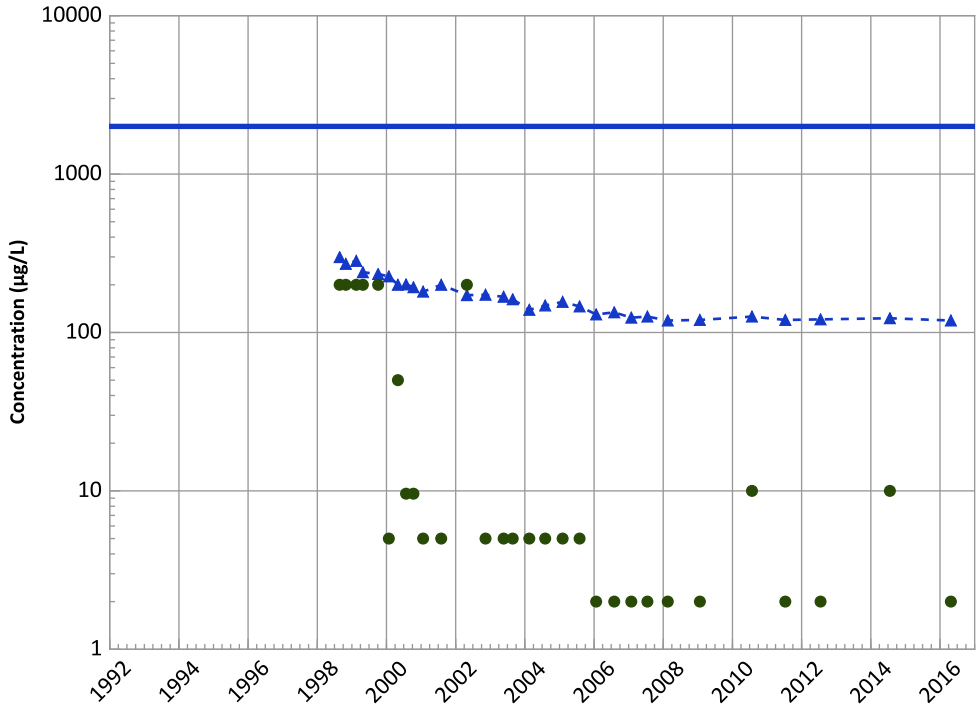
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

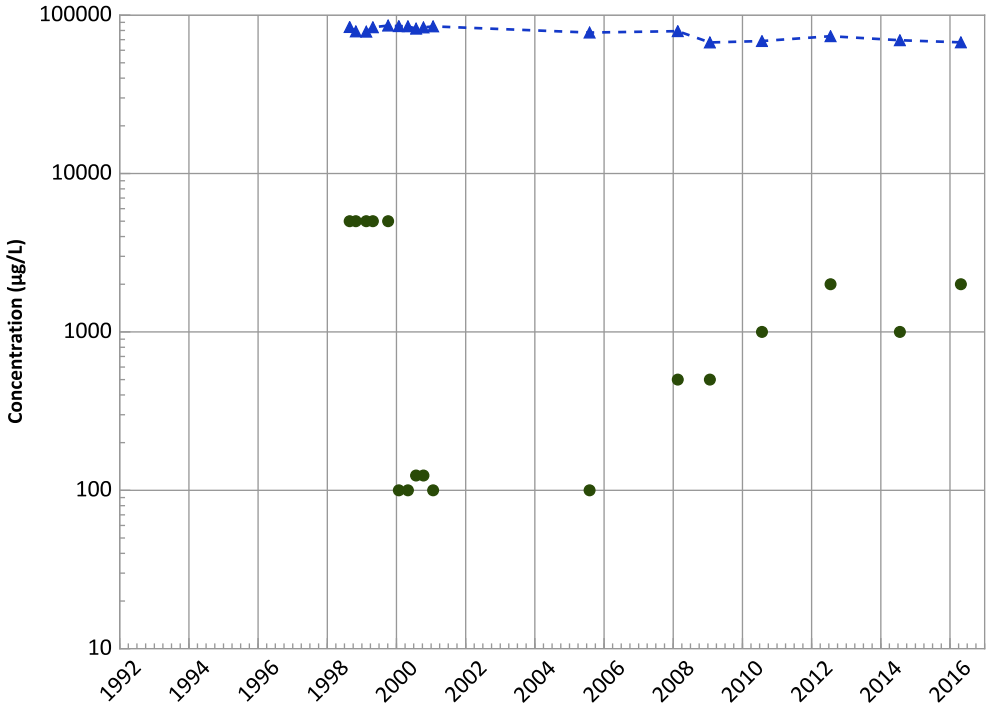


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Calcium Trend



Concentration Trend

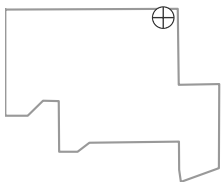
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

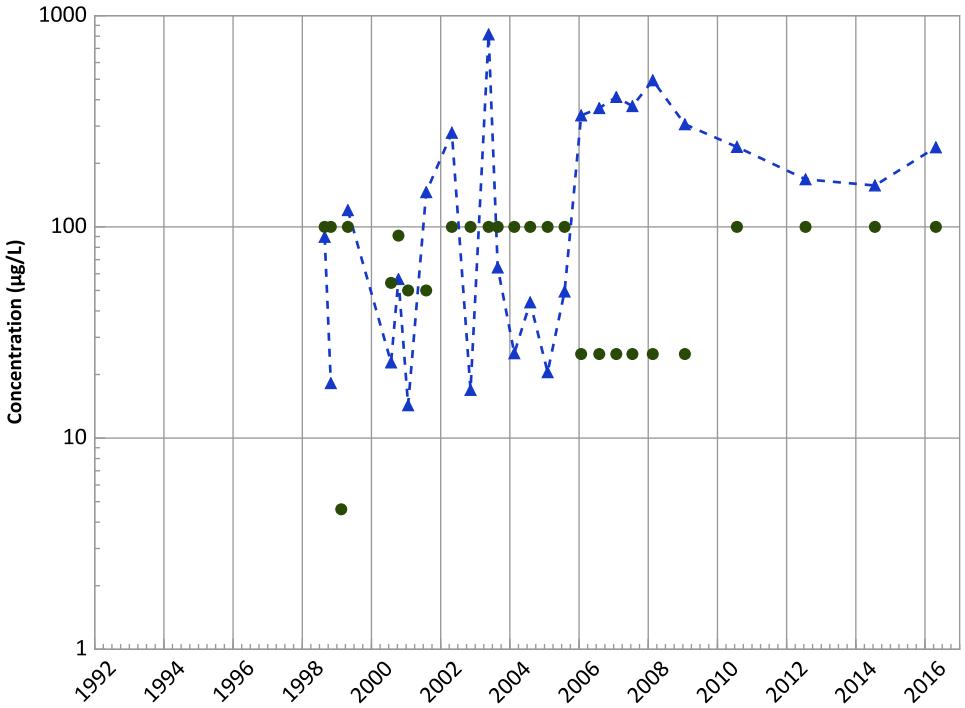
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

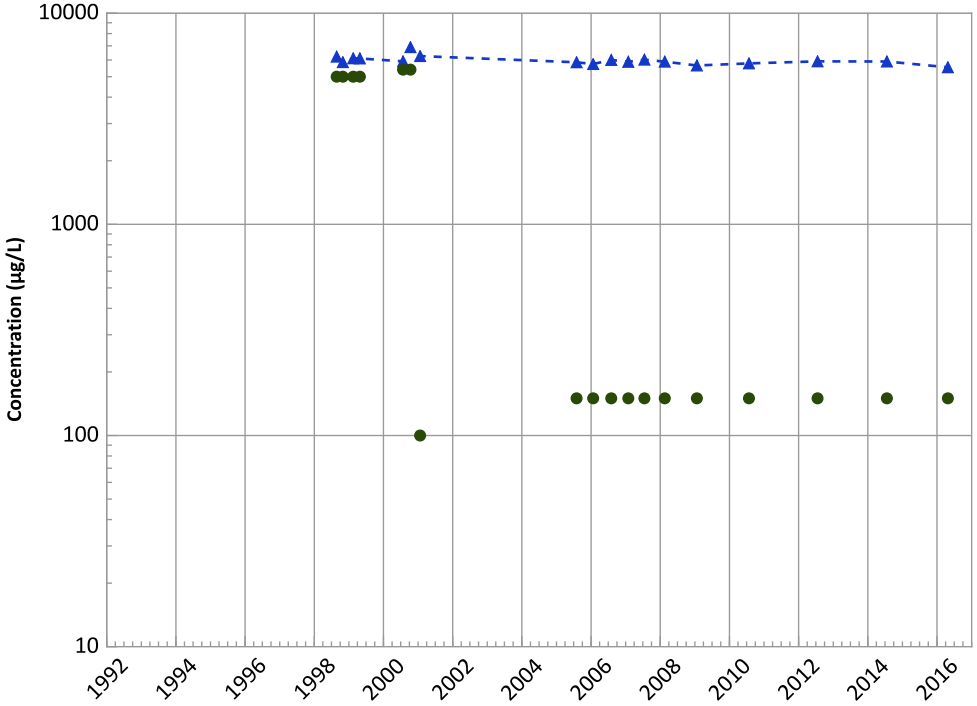


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Potassium Trend



Concentration Trend

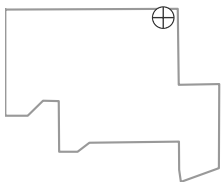
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

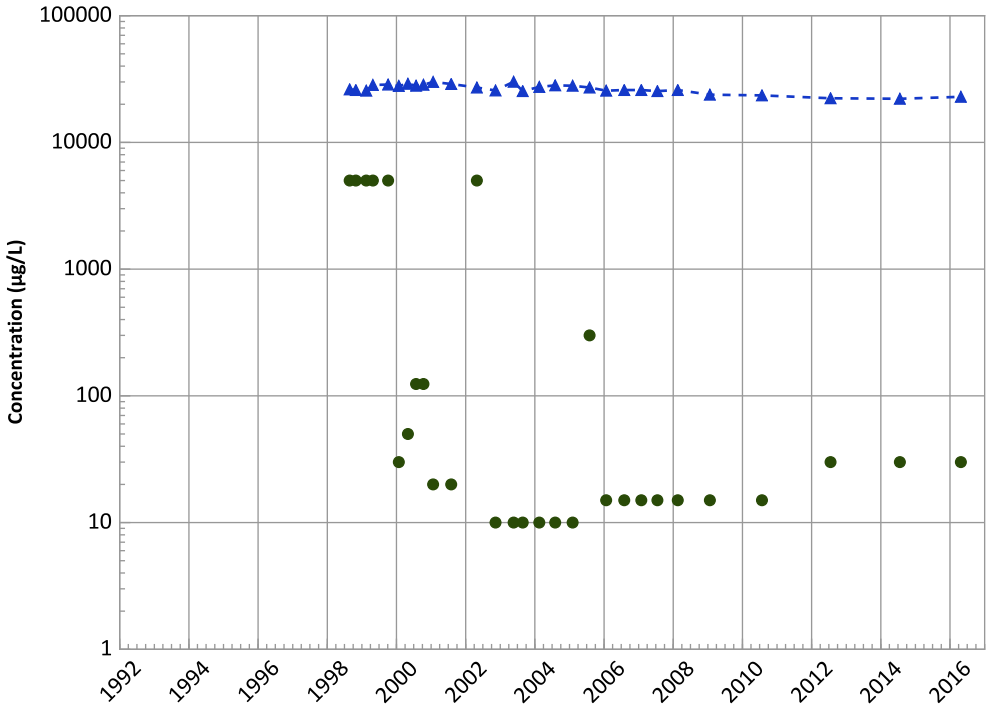
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

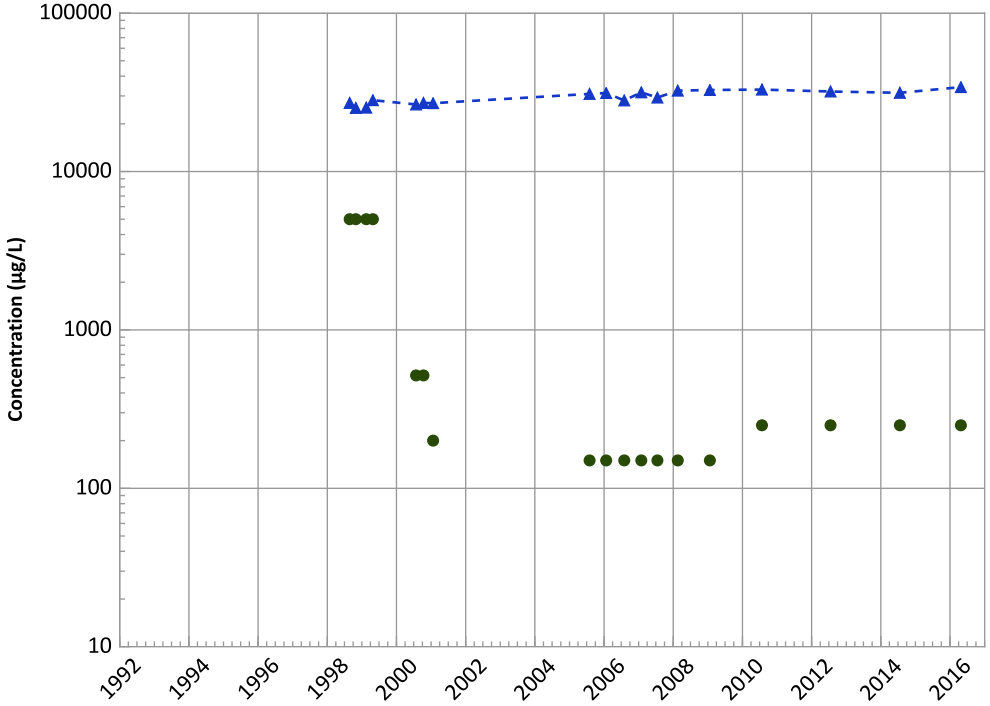


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Sodium Trend



Concentration Trend

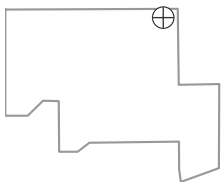
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

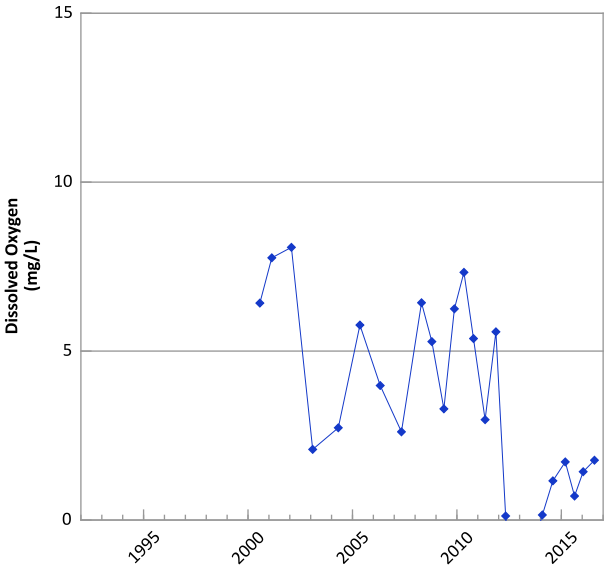
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/25/1998 to 04/25/2016
Analysis Date: 03/07/2017

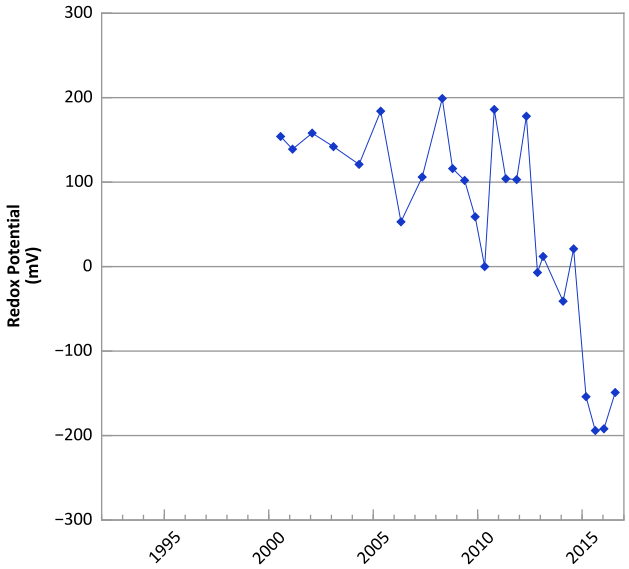
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

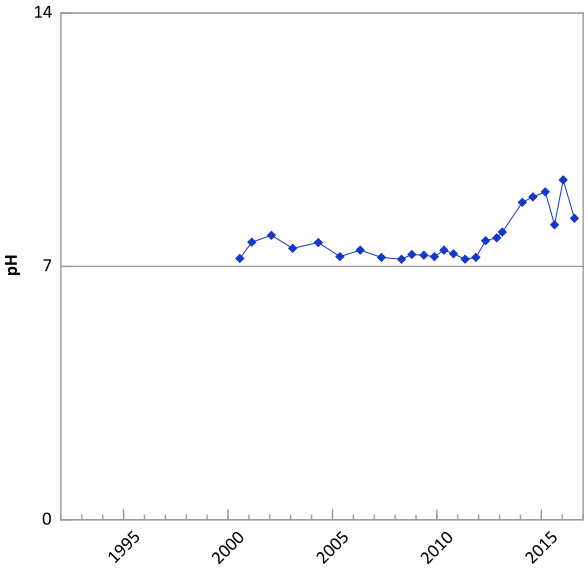
Well Location

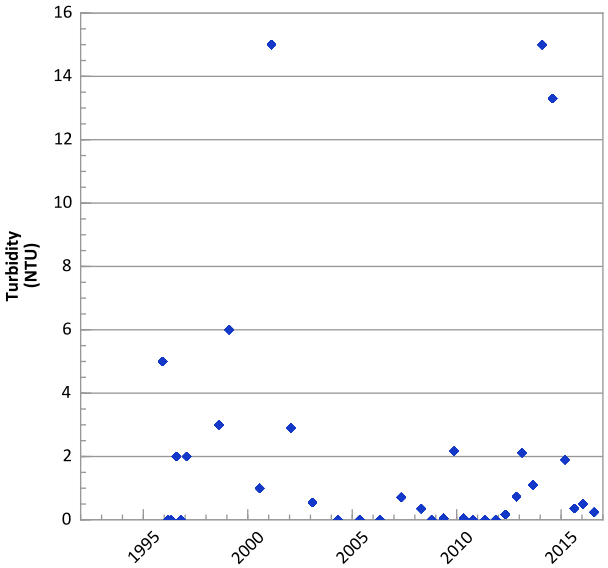


PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



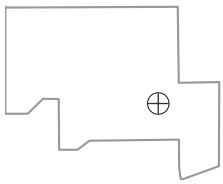






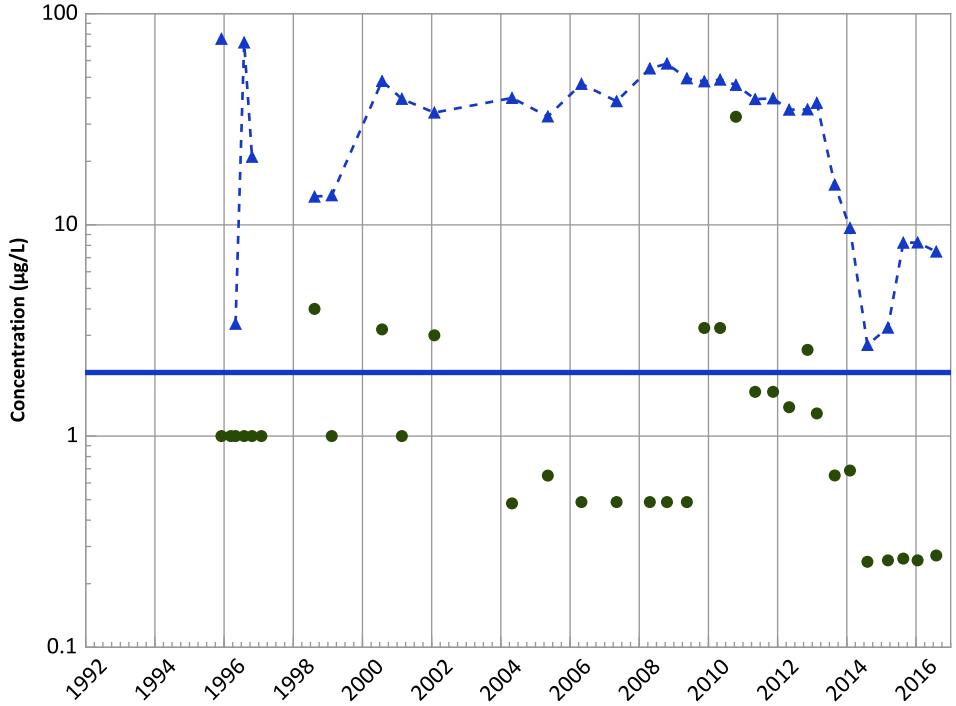
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/04/1995 to 08/02/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

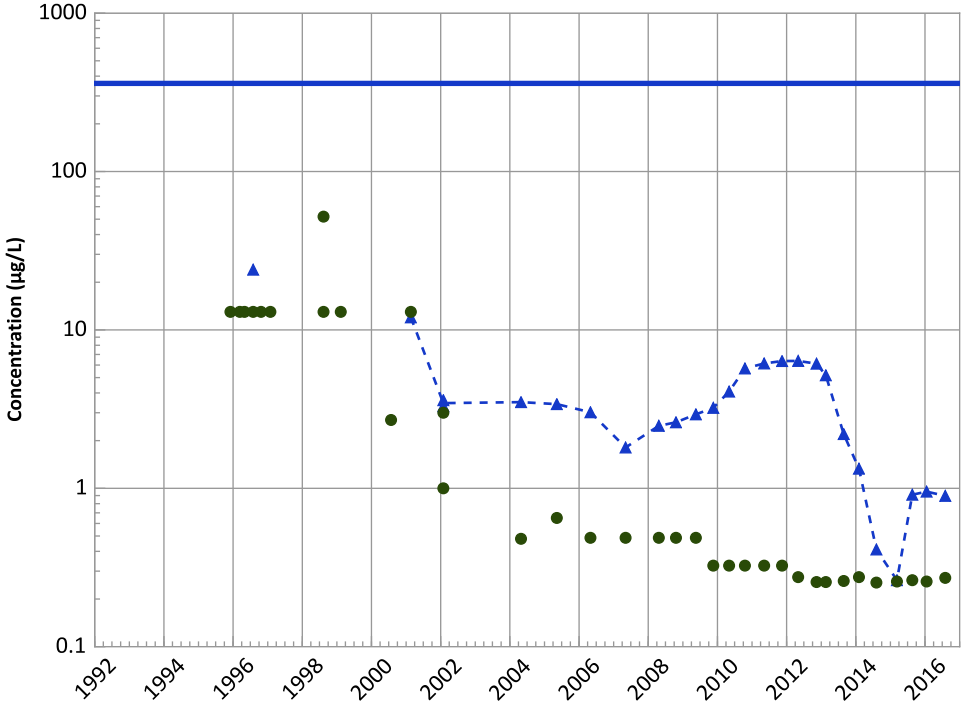


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

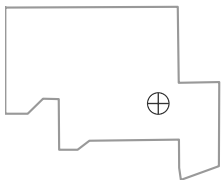
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/04/1995 to 08/02/2016
Analysis Date: 03/07/2017

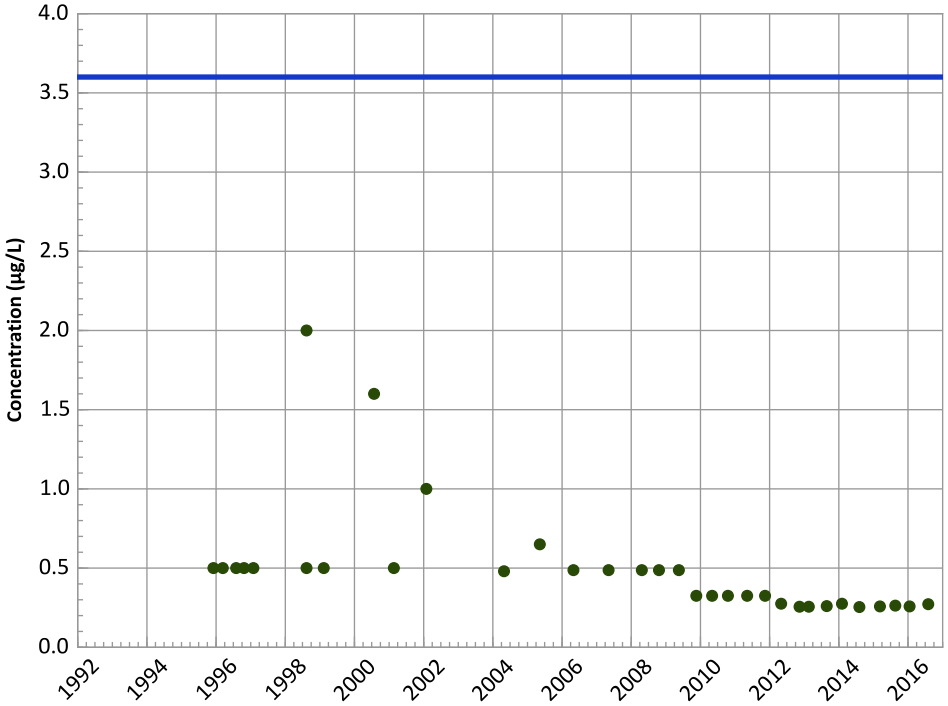
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

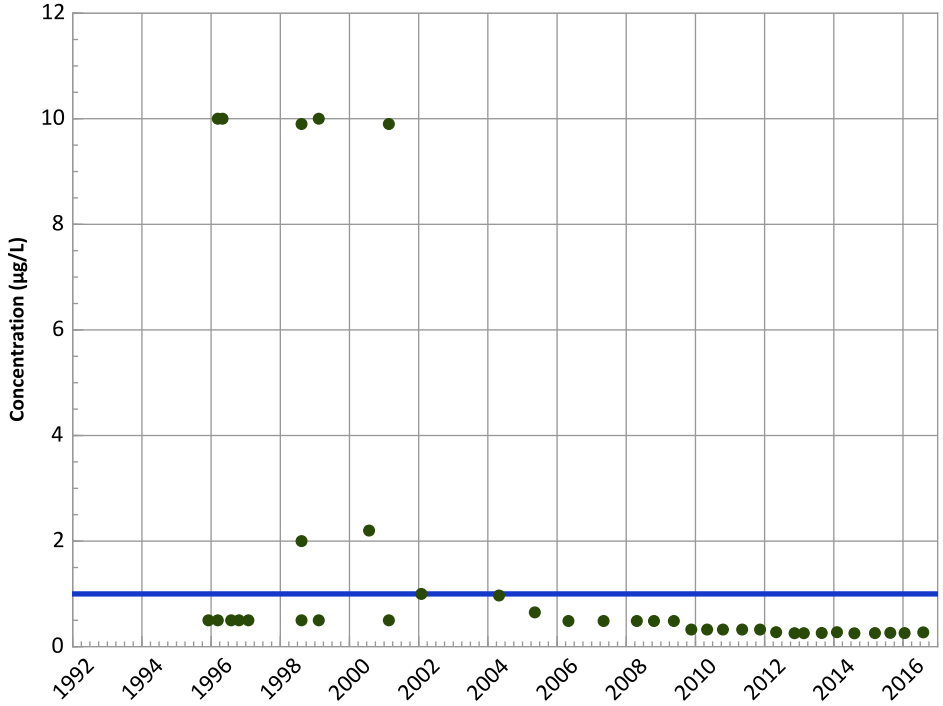


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

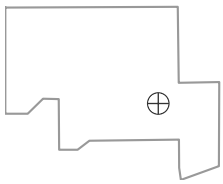
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/04/1995 to 08/02/2016
Analysis Date: 03/07/2017

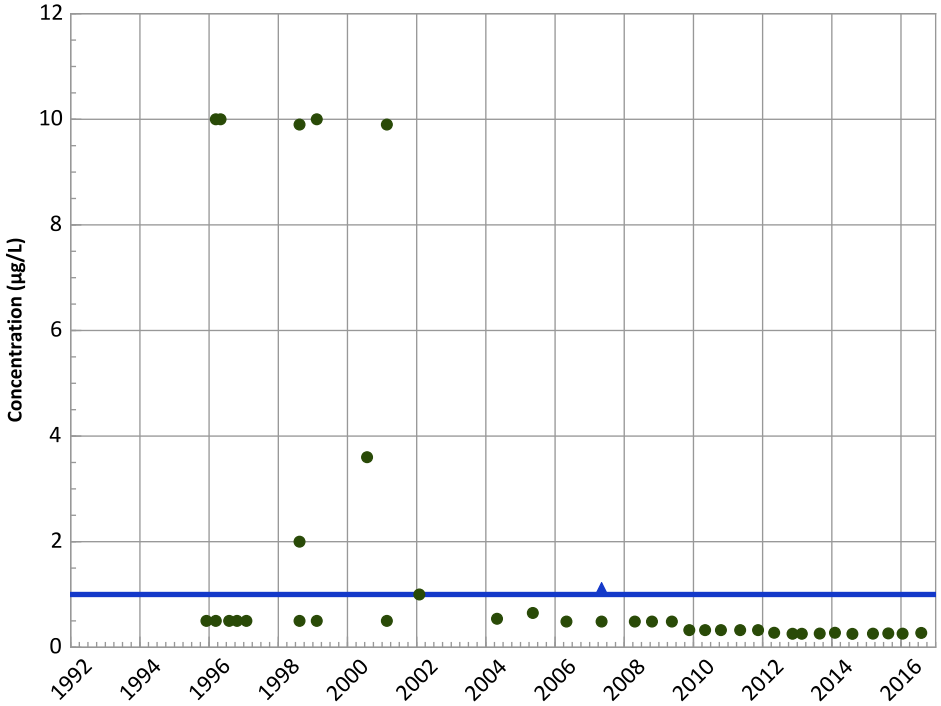
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

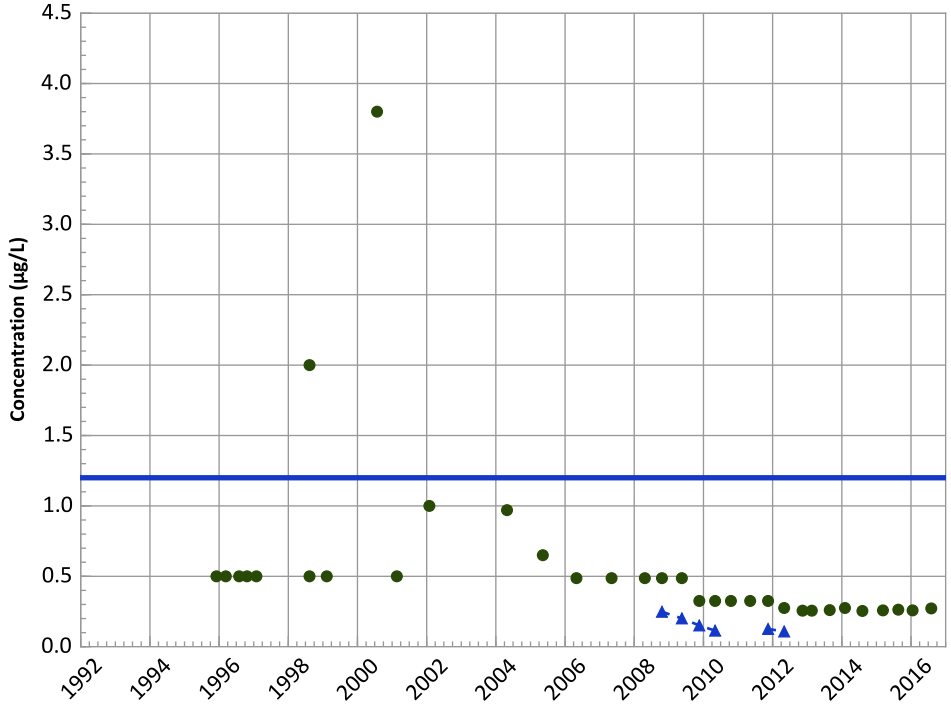


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

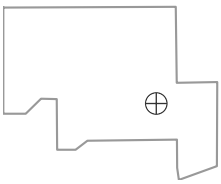
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/04/1995 to 08/02/2016
Analysis Date: 03/07/2017

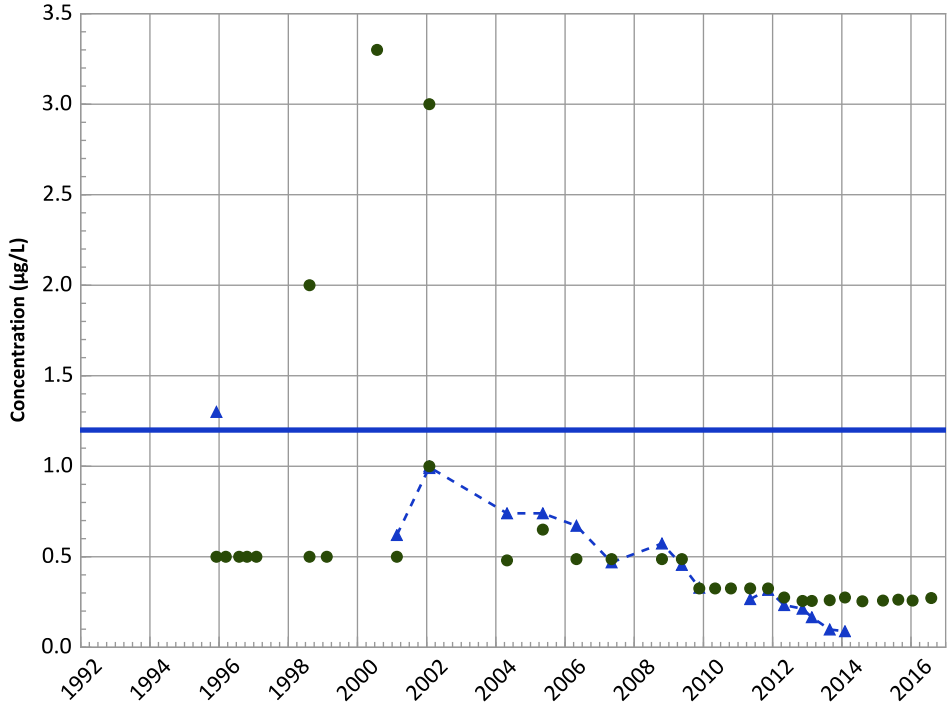
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

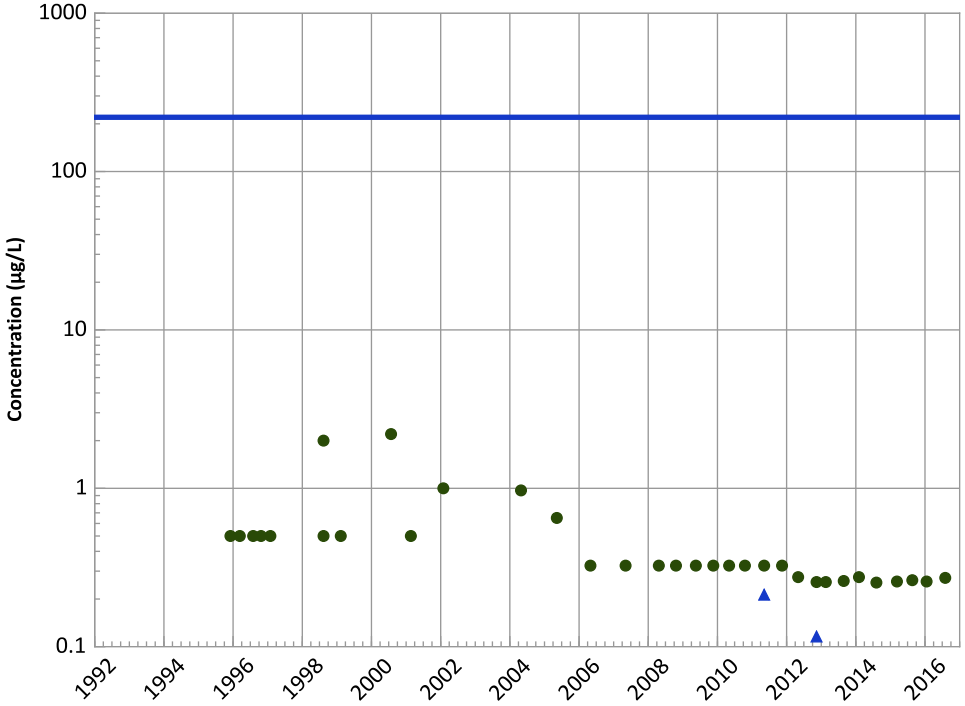


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

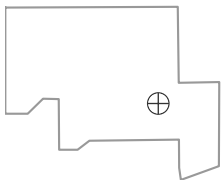
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/04/1995 to 08/02/2016
Analysis Date: 03/07/2017

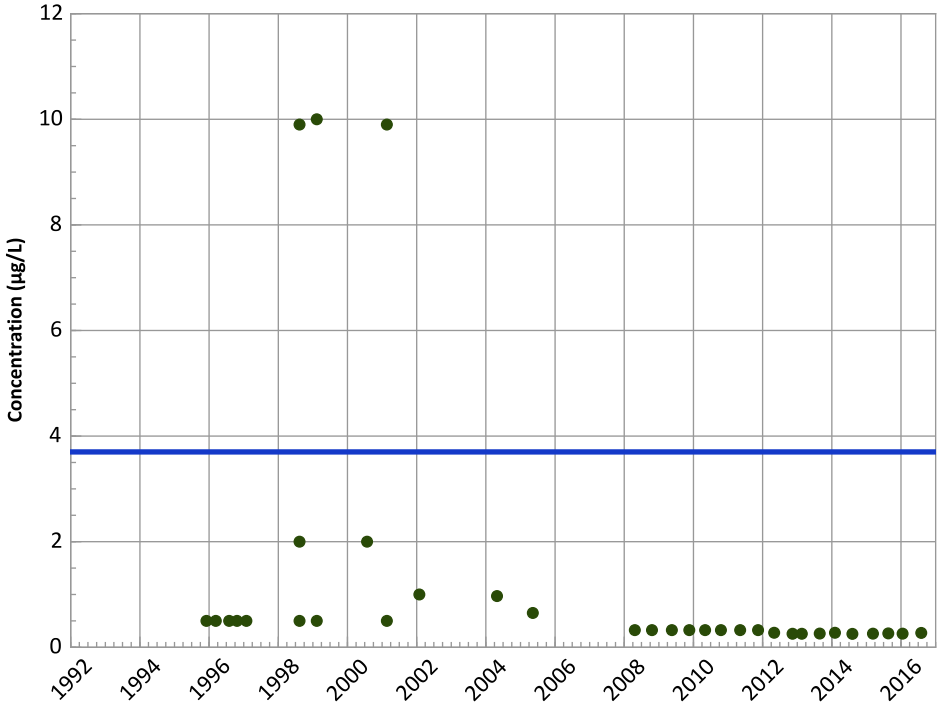
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

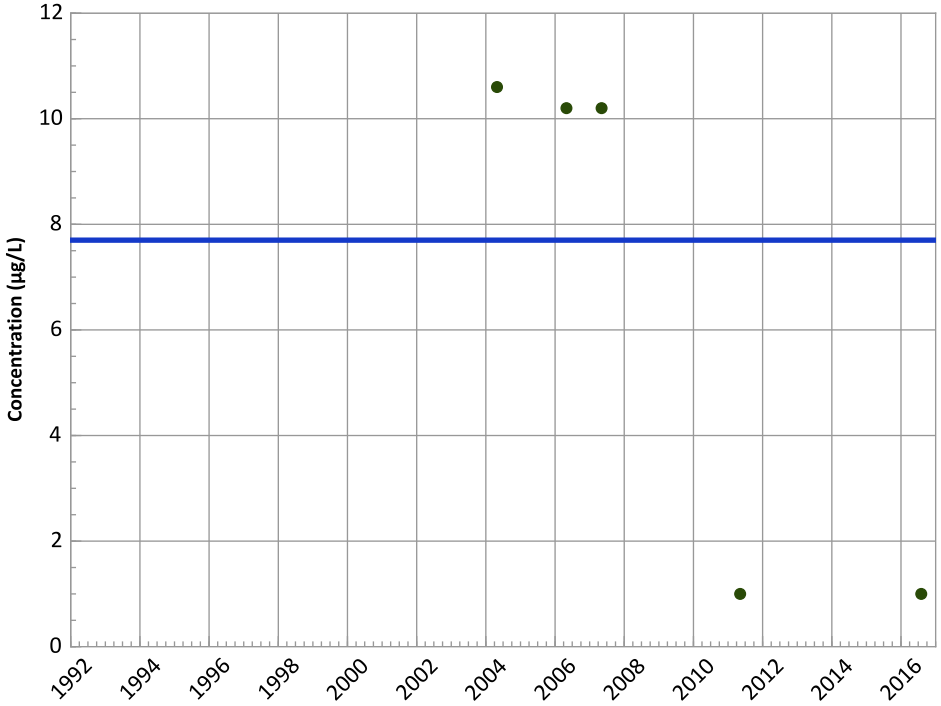


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

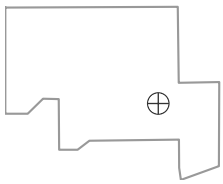
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/04/1995 to 08/02/2016
Analysis Date: 03/07/2017

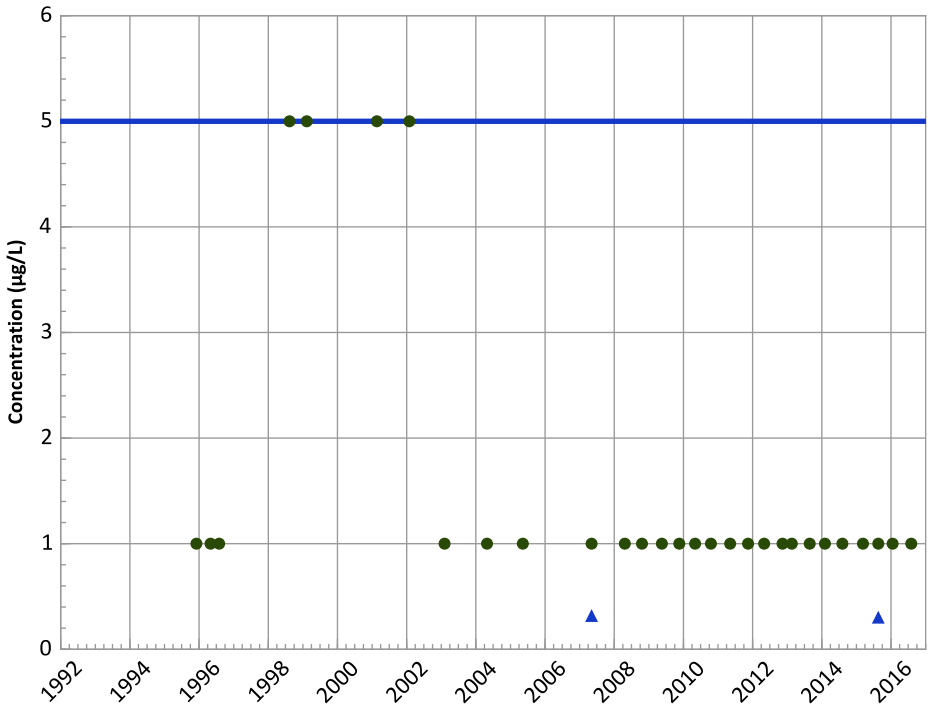
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

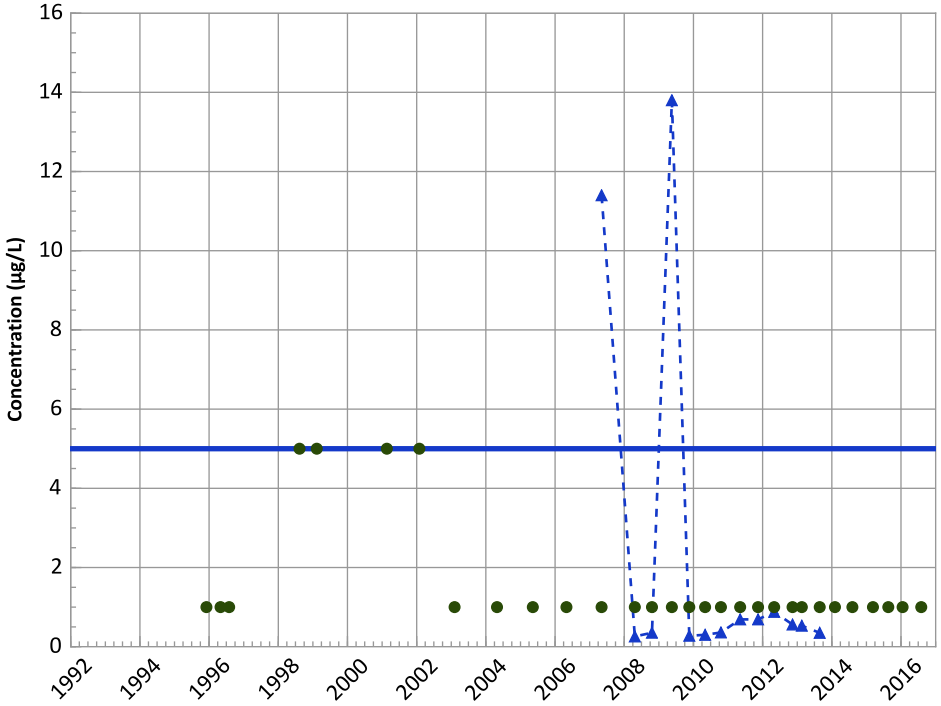


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

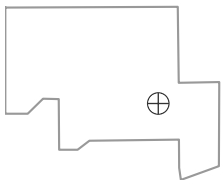
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/04/1995 to 08/02/2016
Analysis Date: 03/07/2017

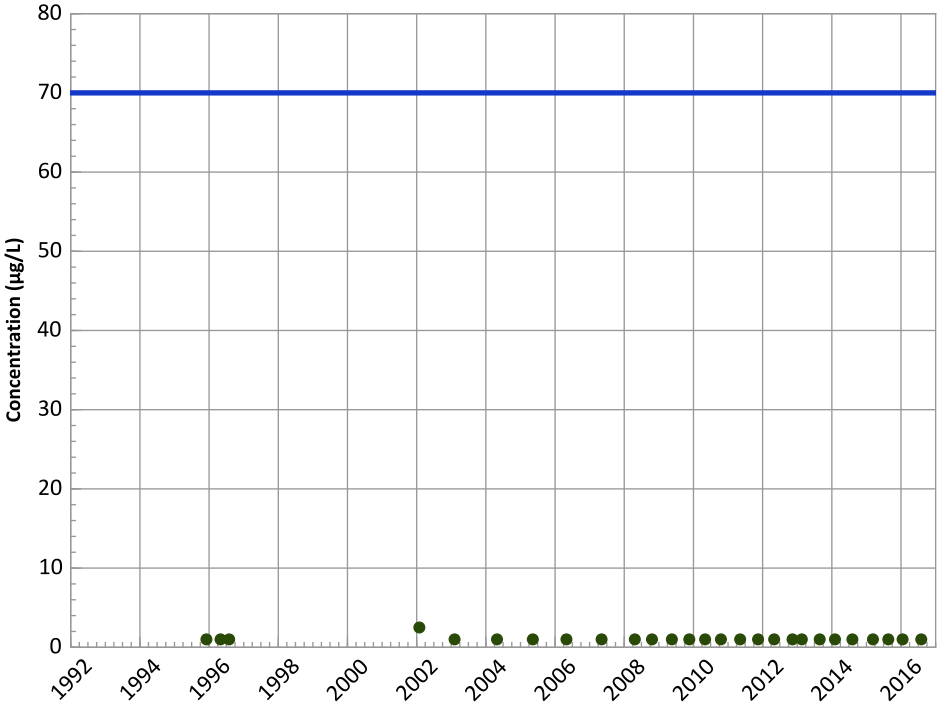
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

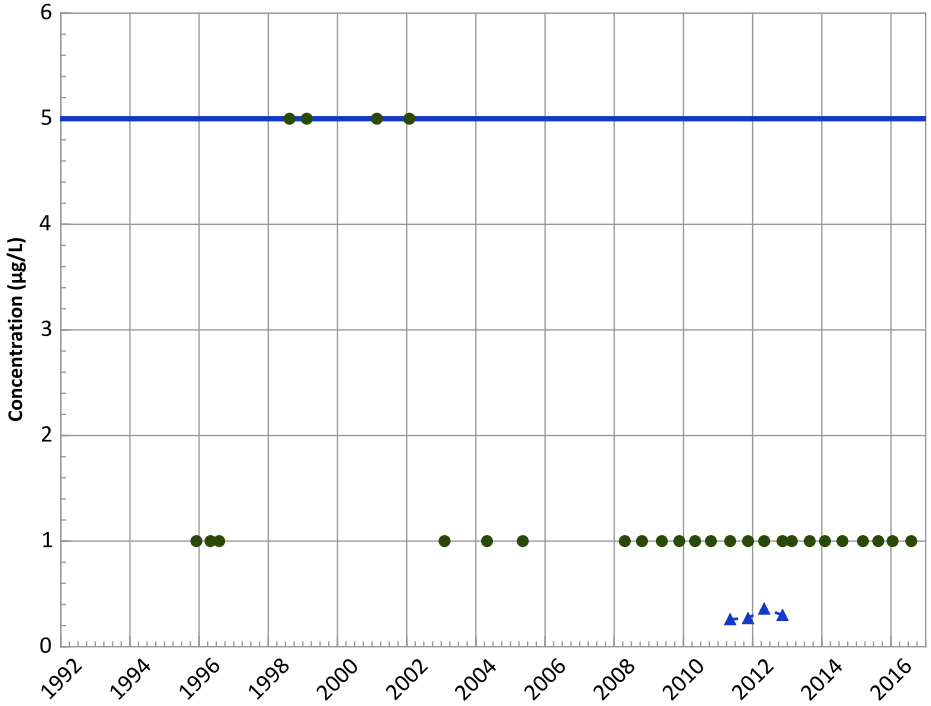


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

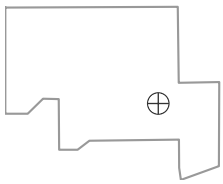
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/04/1995 to 08/02/2016
Analysis Date: 03/07/2017

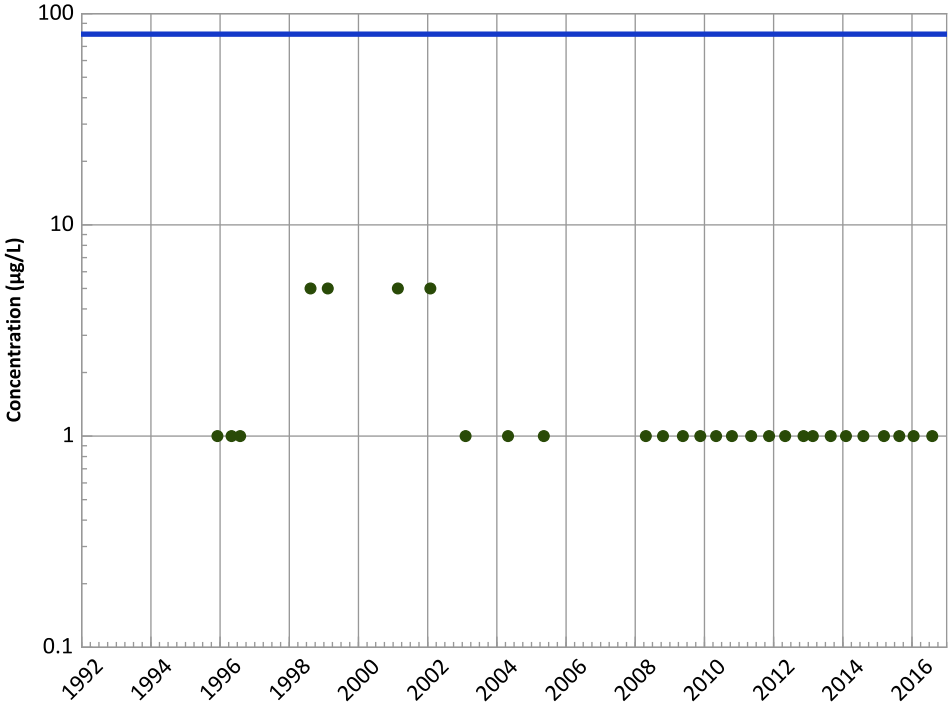
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

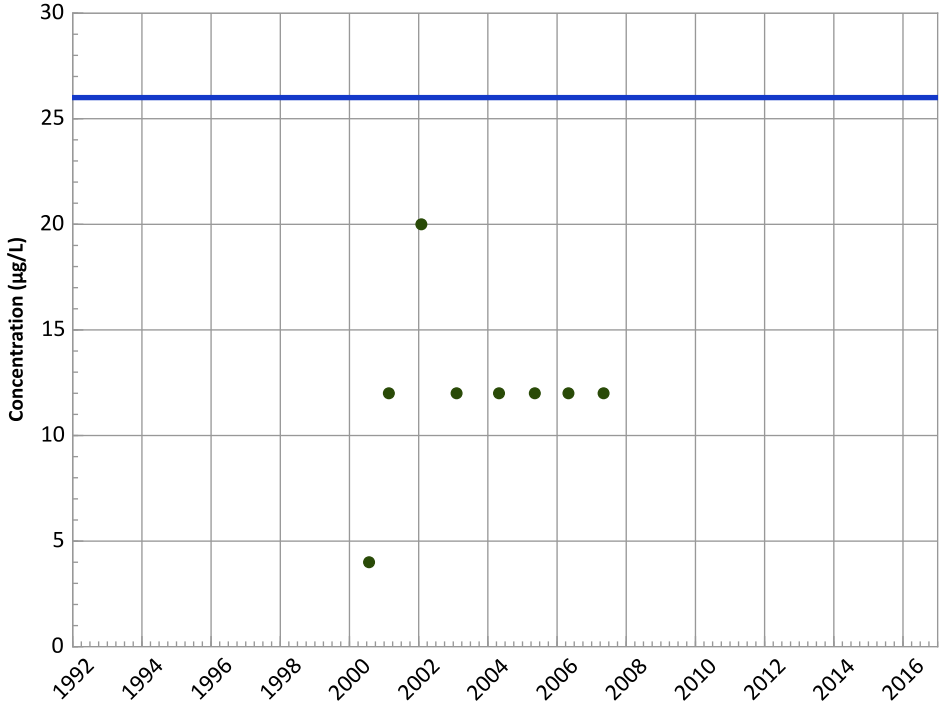


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

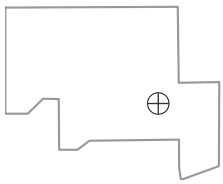
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/04/1995 to 08/02/2016
Analysis Date: 03/07/2017

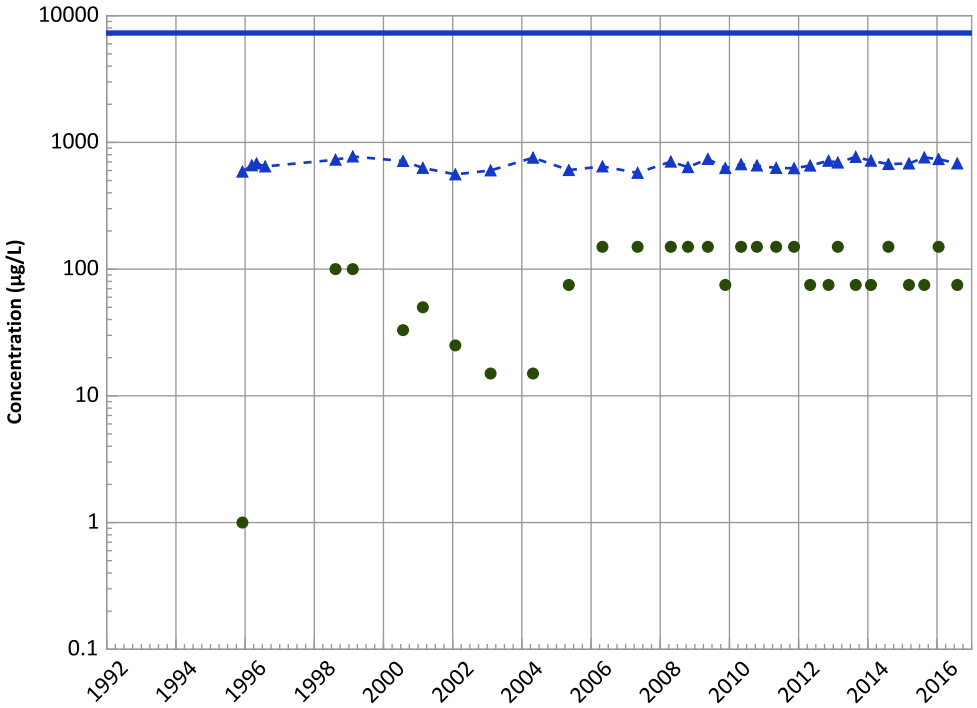
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

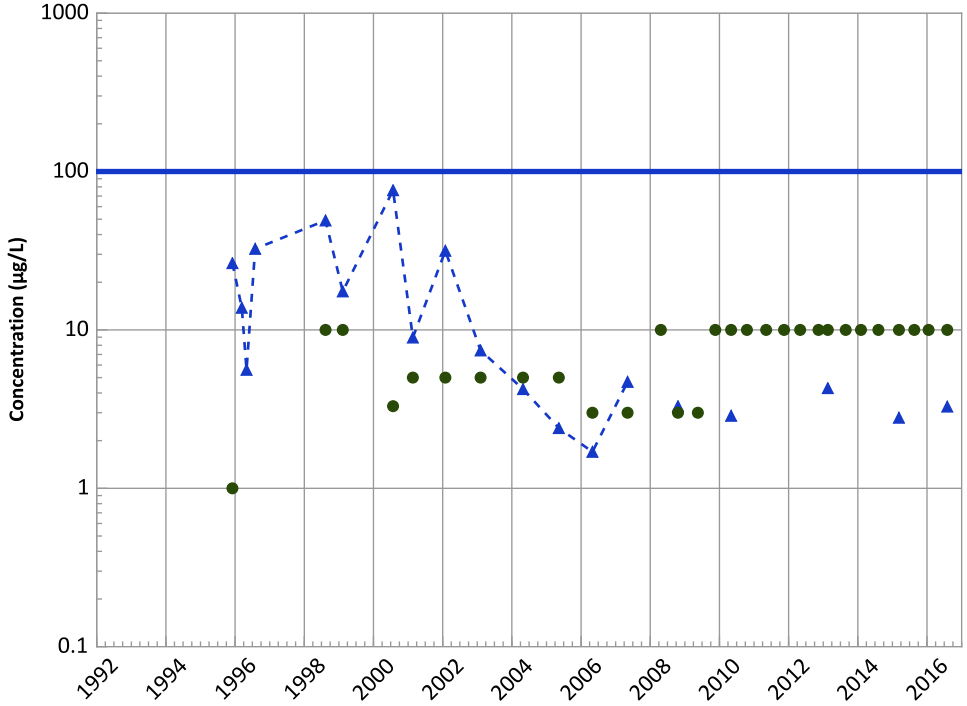


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Chromium, Total Trend



Concentration Trend

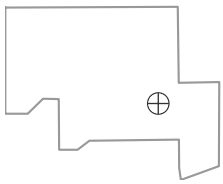
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/04/1995 to 08/02/2016
Analysis Date: 03/07/2017

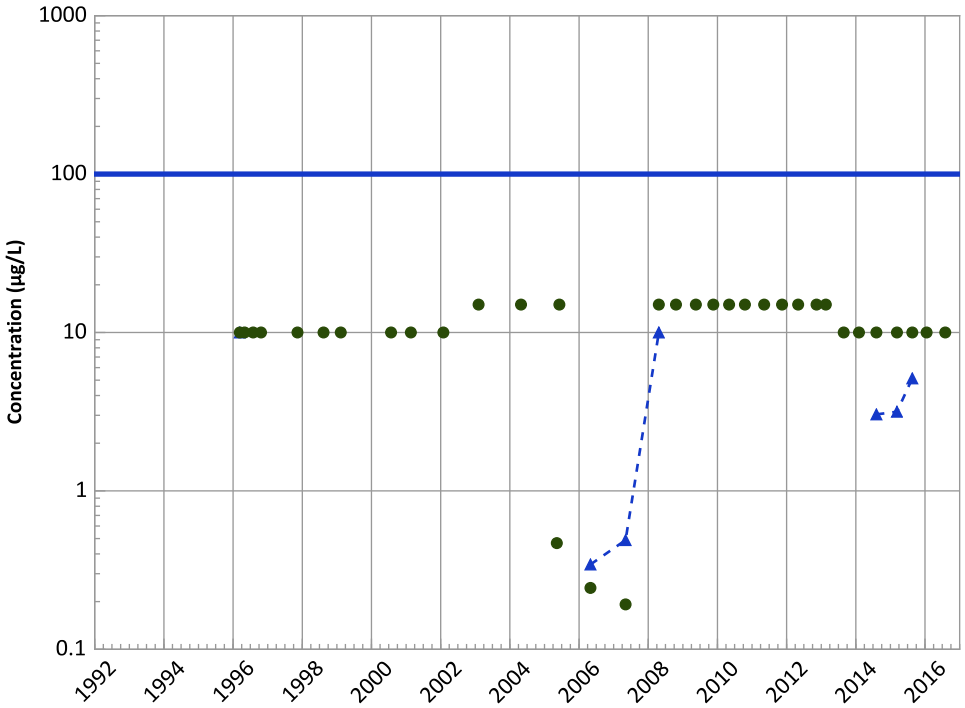
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

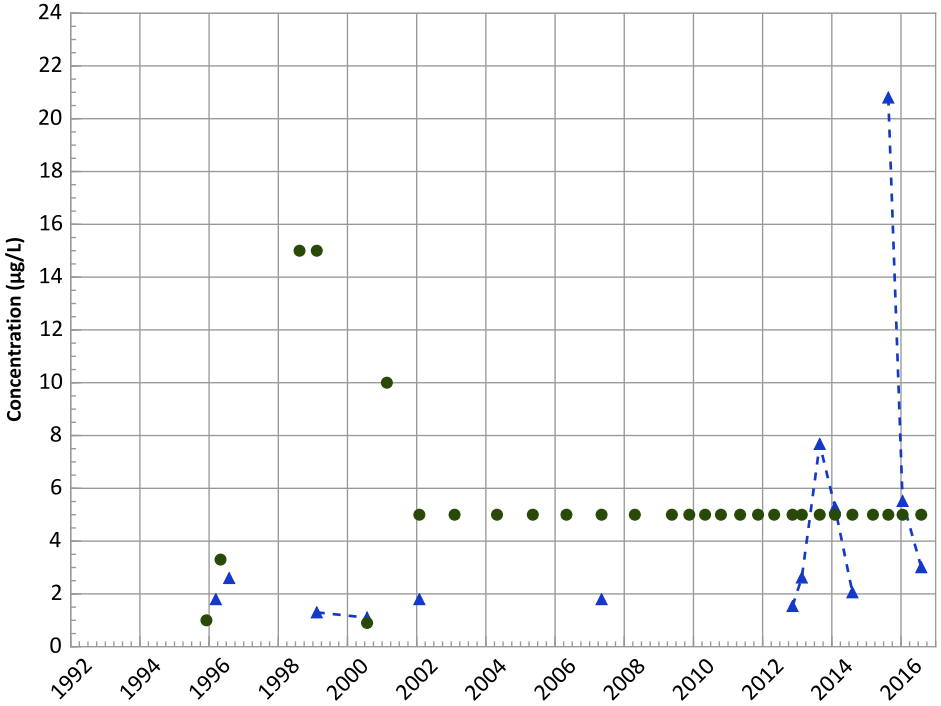


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Manganese Trend



Concentration Trend

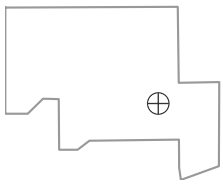
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/04/1995 to 08/02/2016
Analysis Date: 03/07/2017

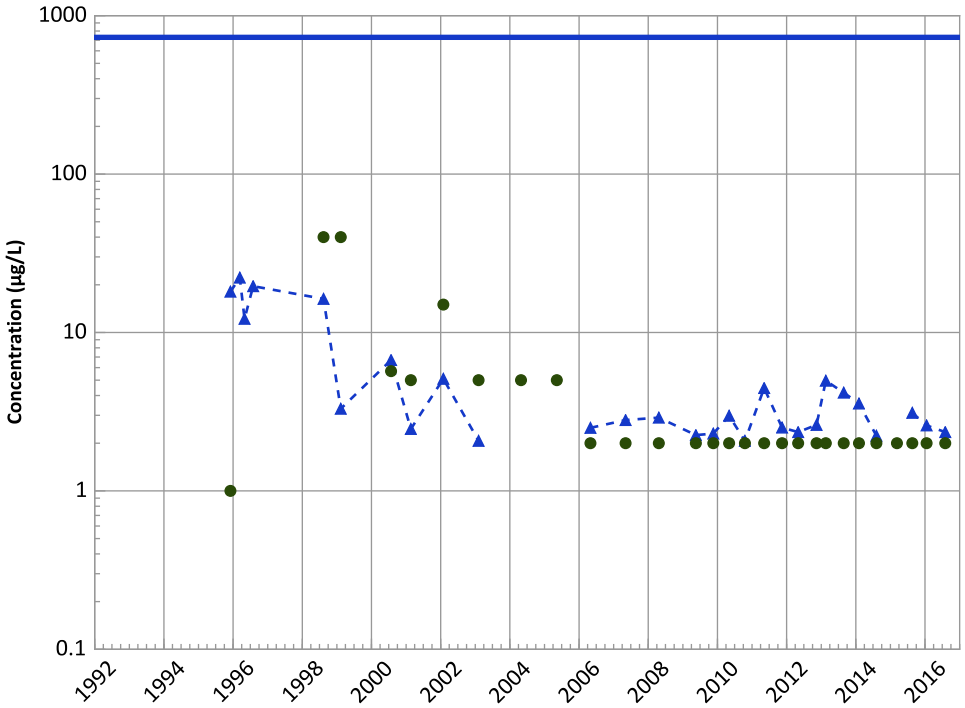
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

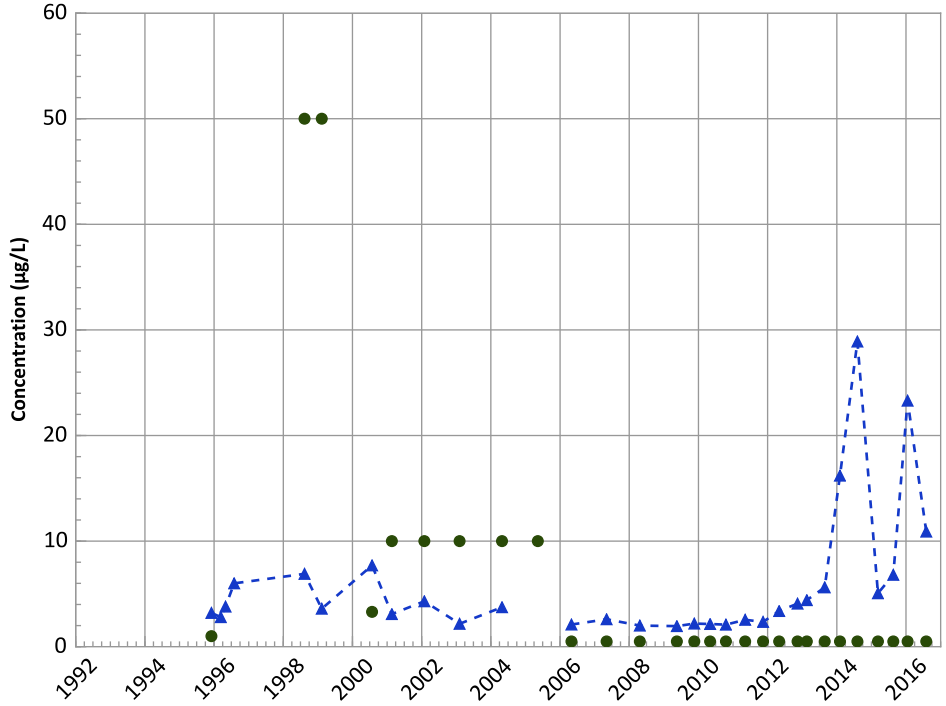


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Molybdenum Trend



Concentration Trend

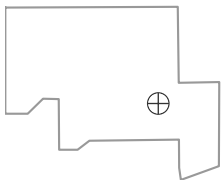
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/04/1995 to 08/02/2016
Analysis Date: 03/07/2017

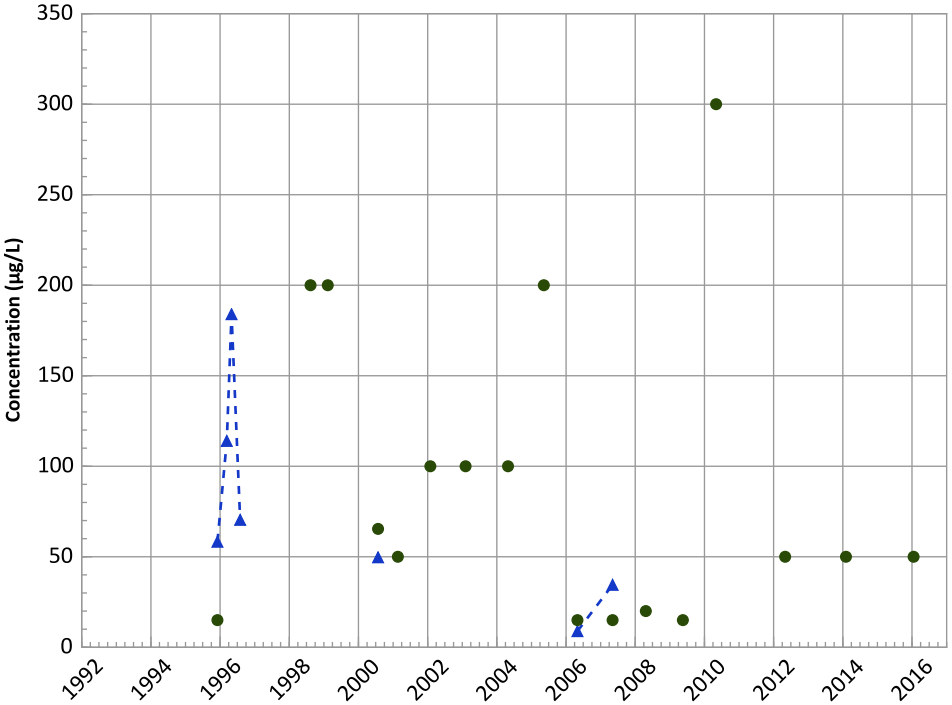
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

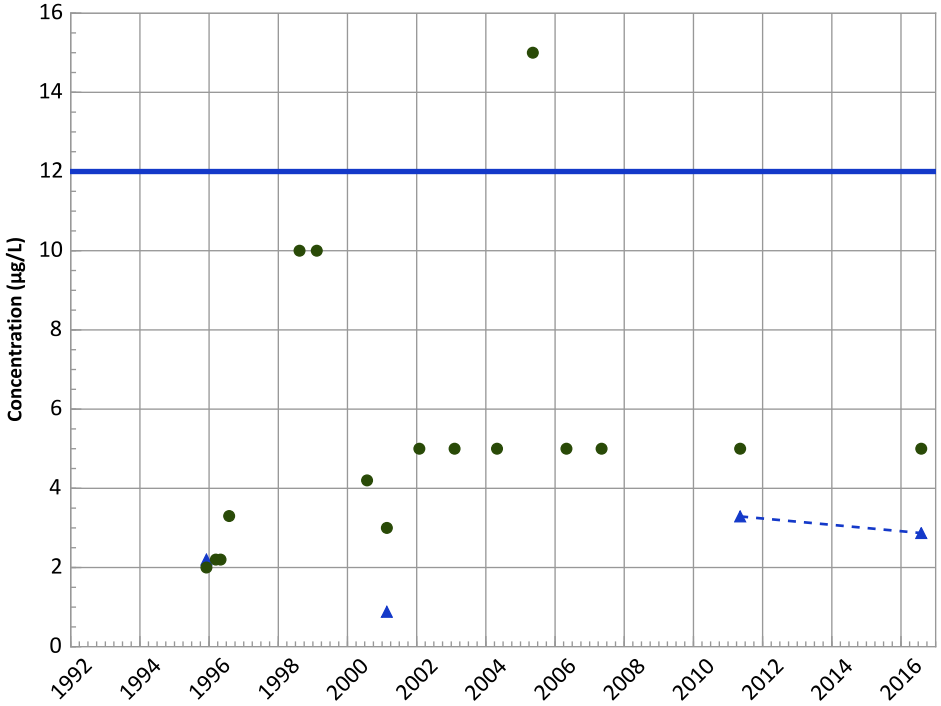


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

Arsenic Trend



Concentration Trend

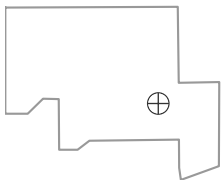
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/04/1995 to 08/02/2016
Analysis Date: 03/07/2017

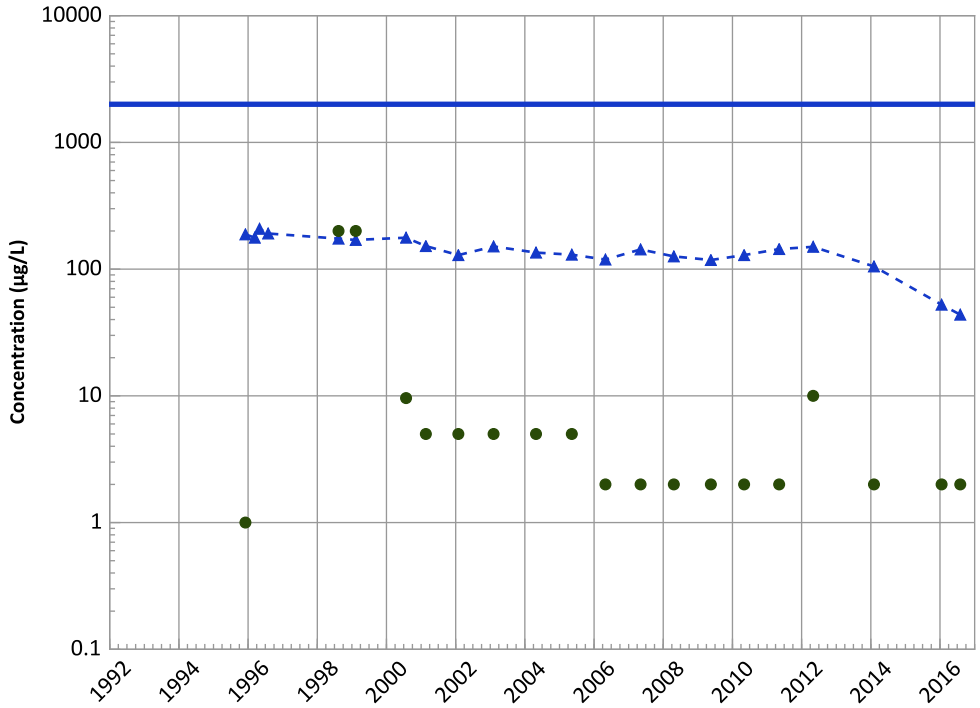
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

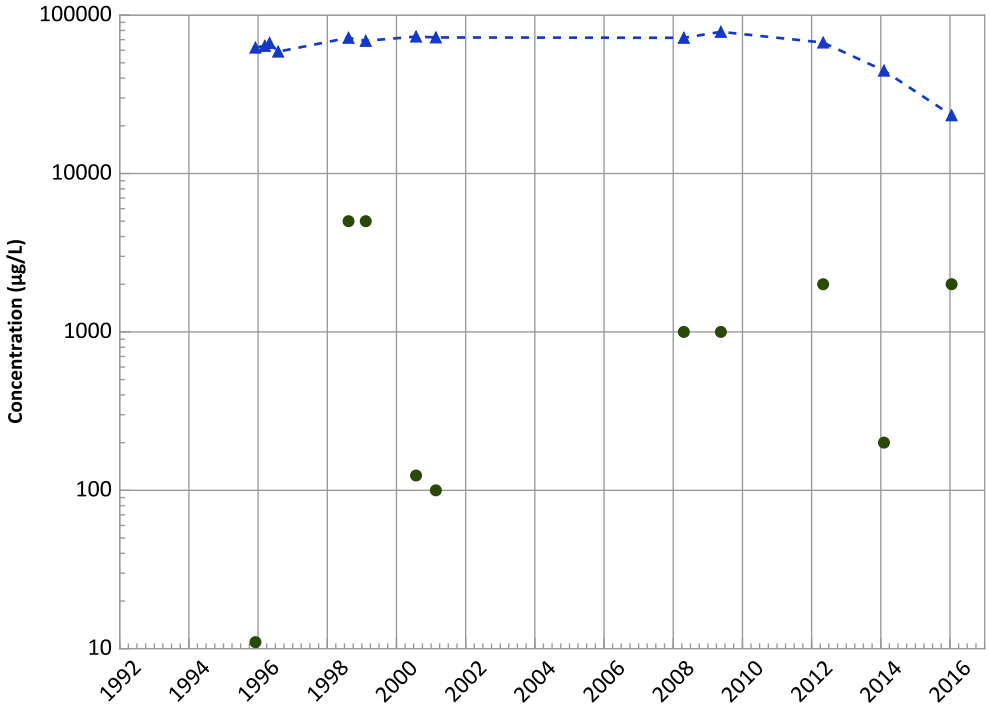


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Calcium Trend



Concentration Trend

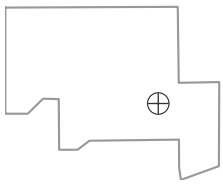
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/04/1995 to 08/02/2016
Analysis Date: 03/07/2017

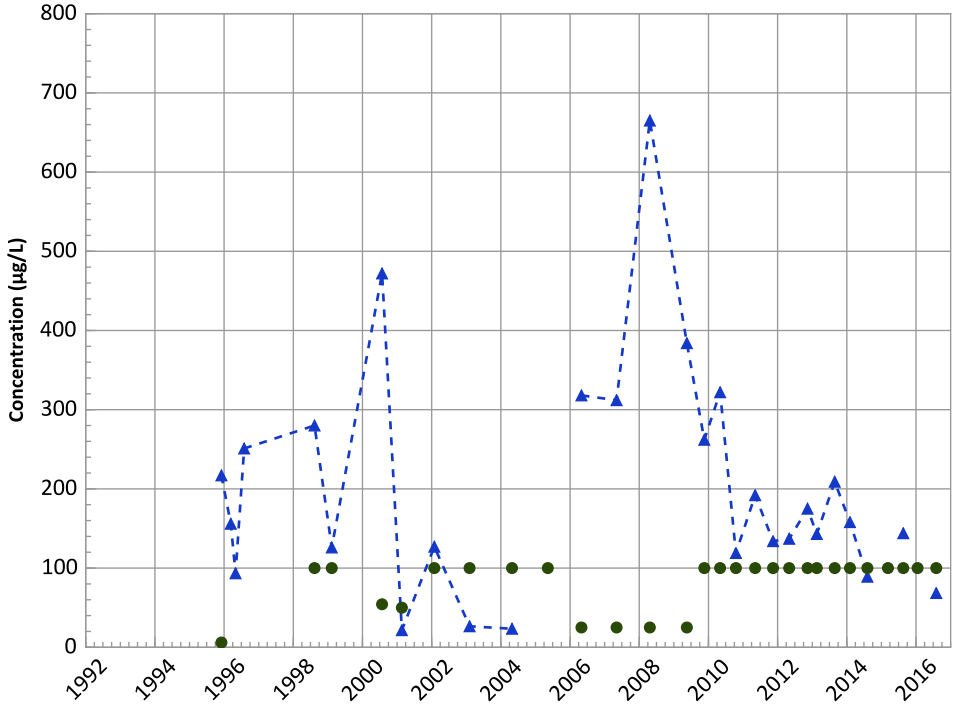
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

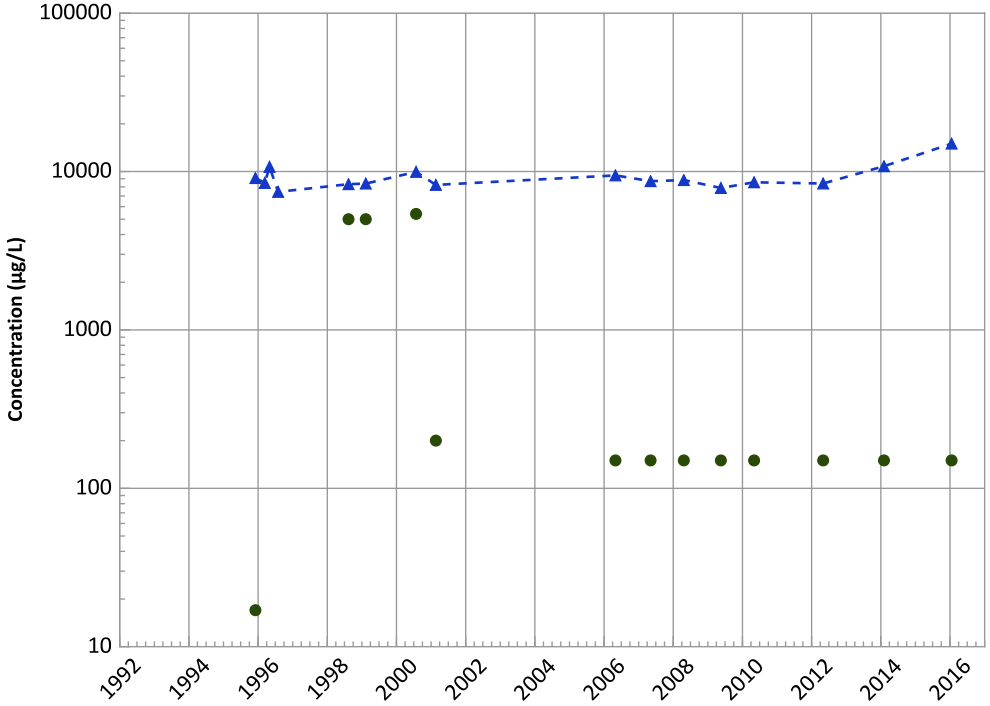


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

Potassium Trend



Concentration Trend

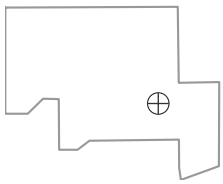
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/04/1995 to 08/02/2016
Analysis Date: 03/07/2017

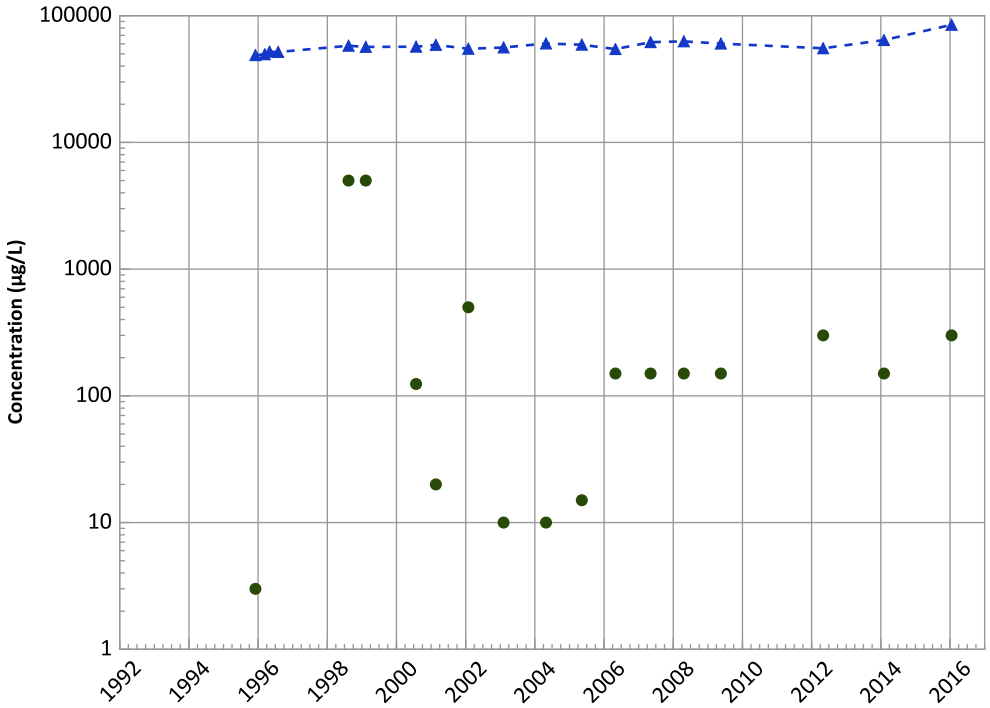
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

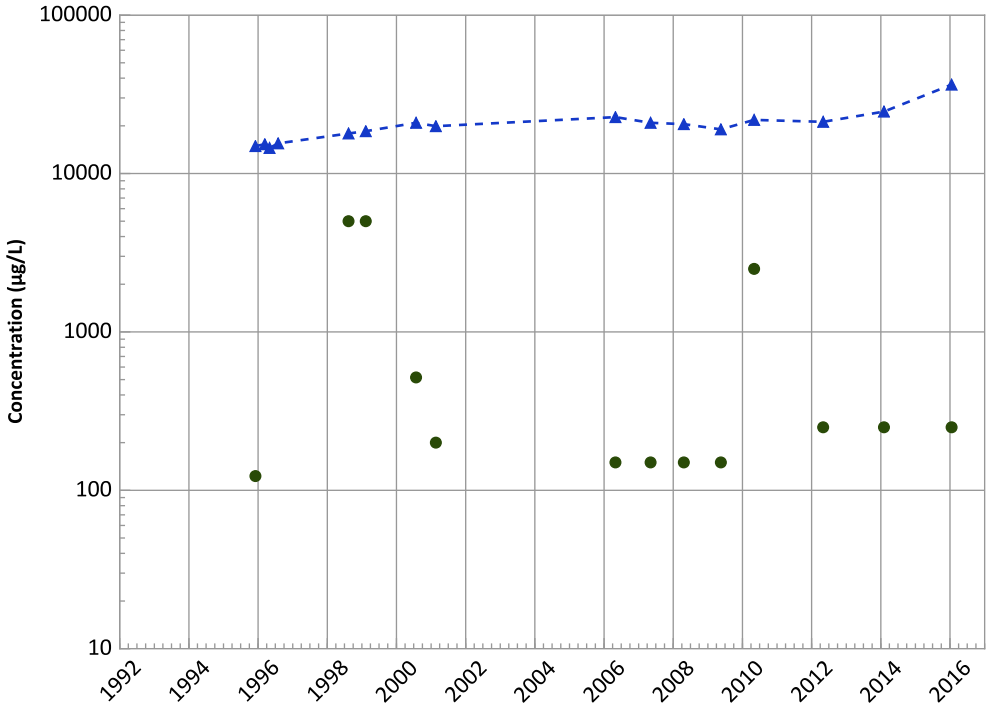


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Sodium Trend



Concentration Trend

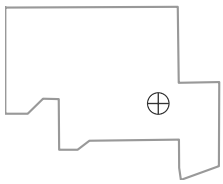
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

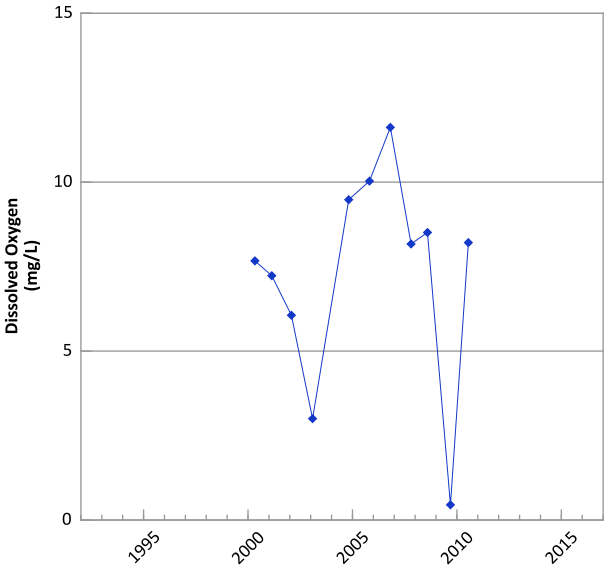
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/04/1995 to 08/02/2016
Analysis Date: 03/07/2017

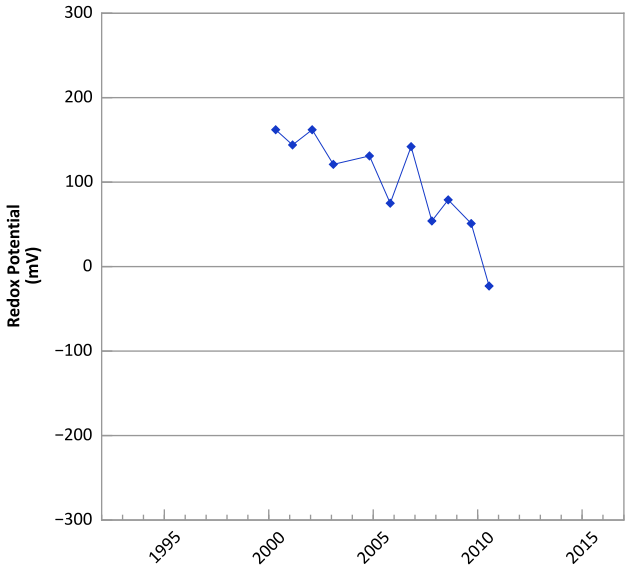
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

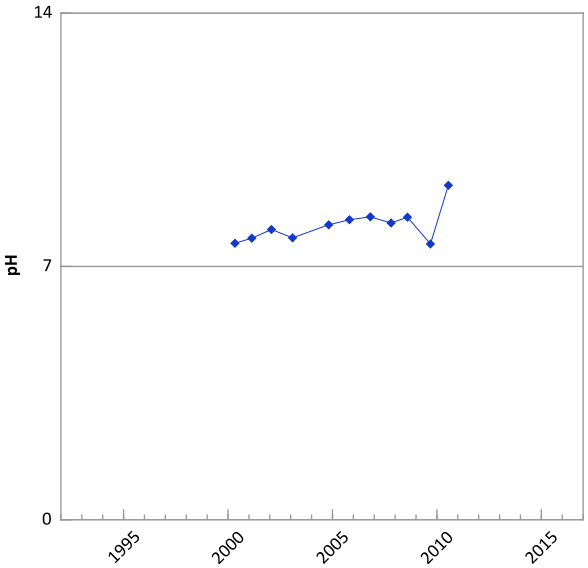
Well Location

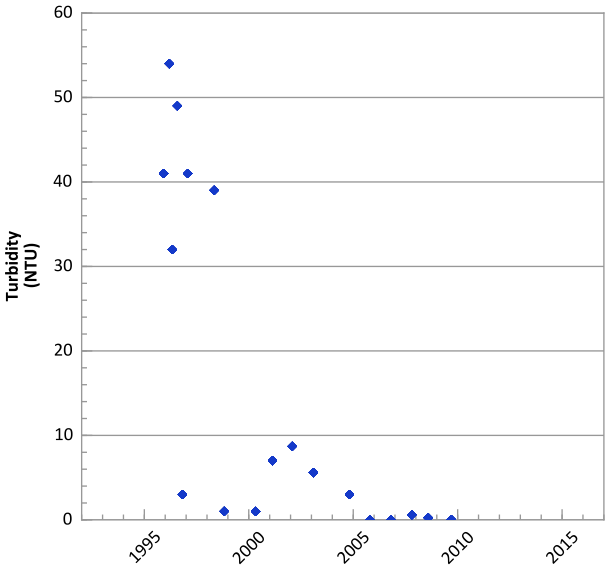


PTX06-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



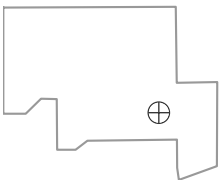






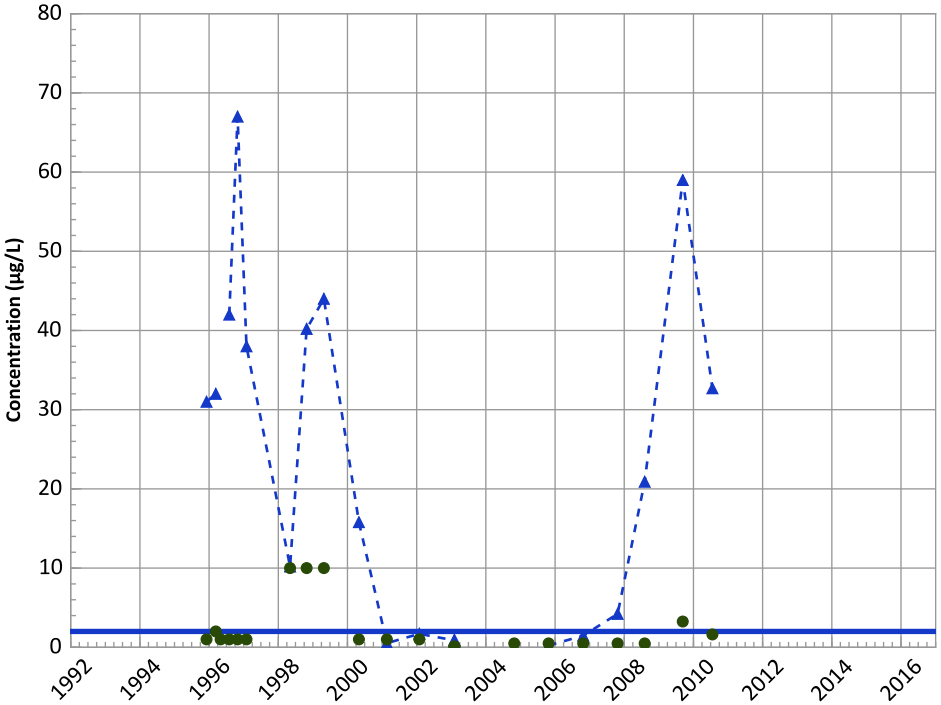
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 07/20/2010
Analysis Date: 03/07/2017

Well Location



PTX06-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

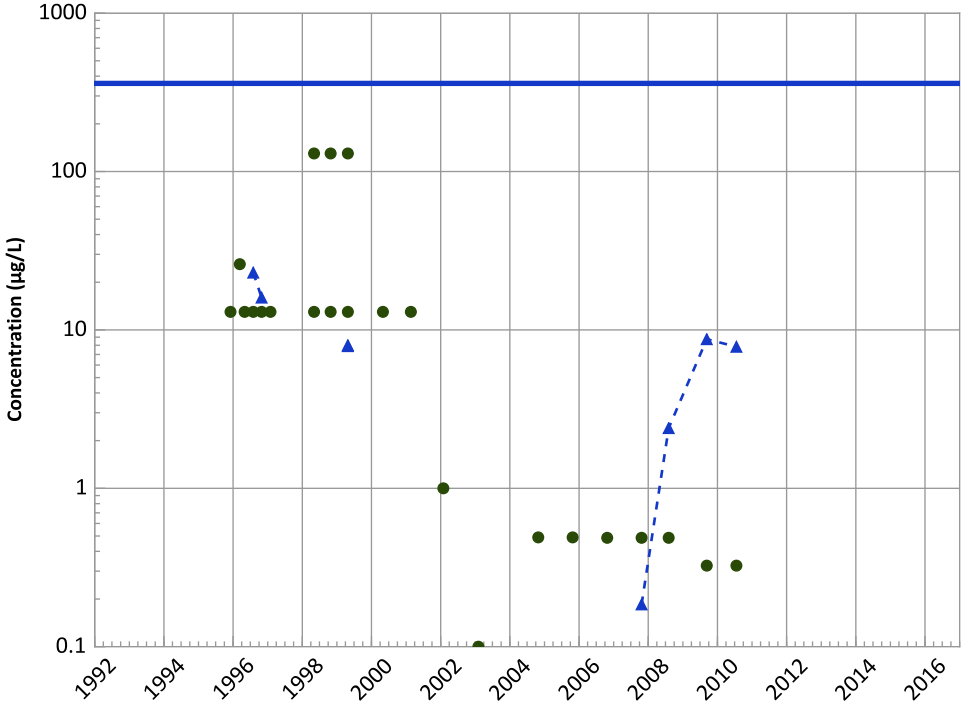


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

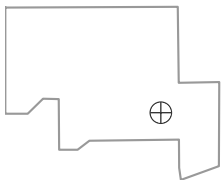
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 07/20/2010
Analysis Date: 03/07/2017

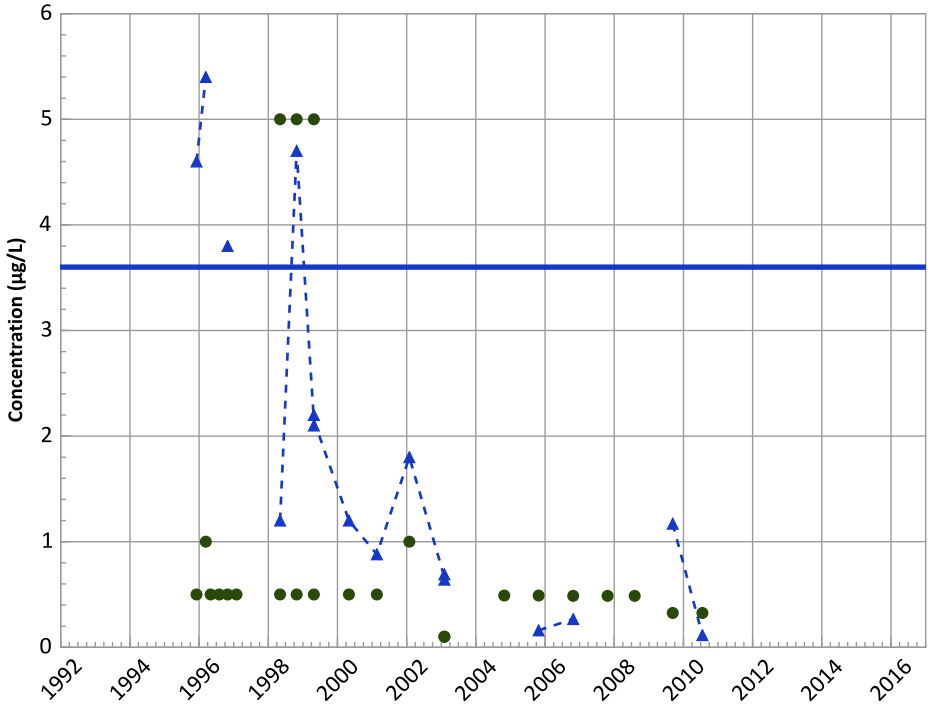
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

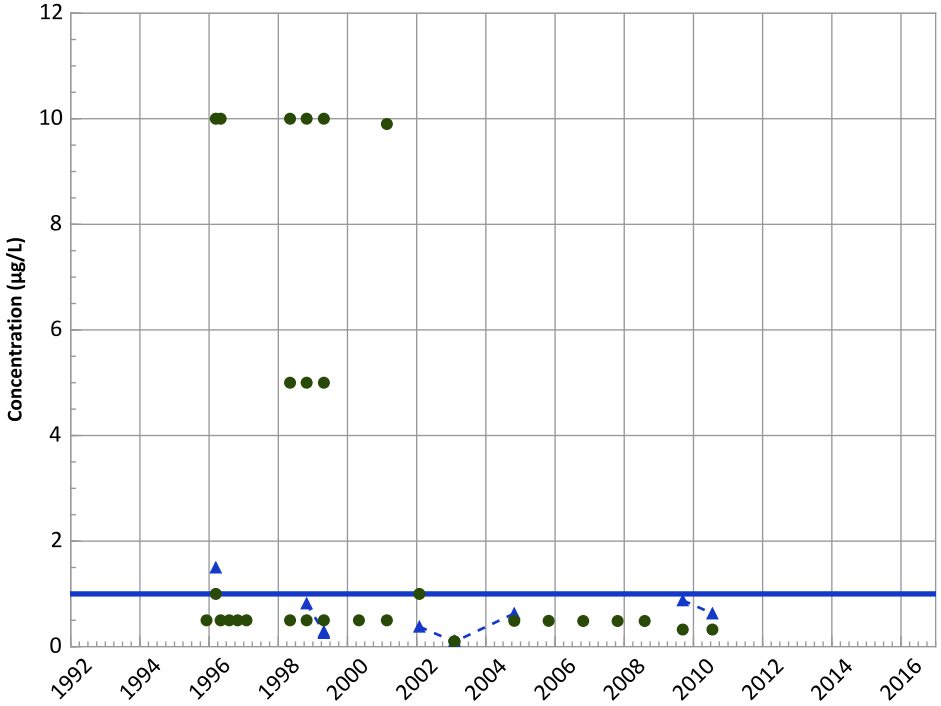


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

2,4-Dinitrotoluene Trend



Concentration Trend

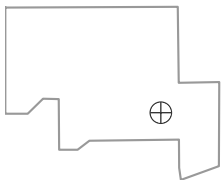
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 07/20/2010
Analysis Date: 03/07/2017

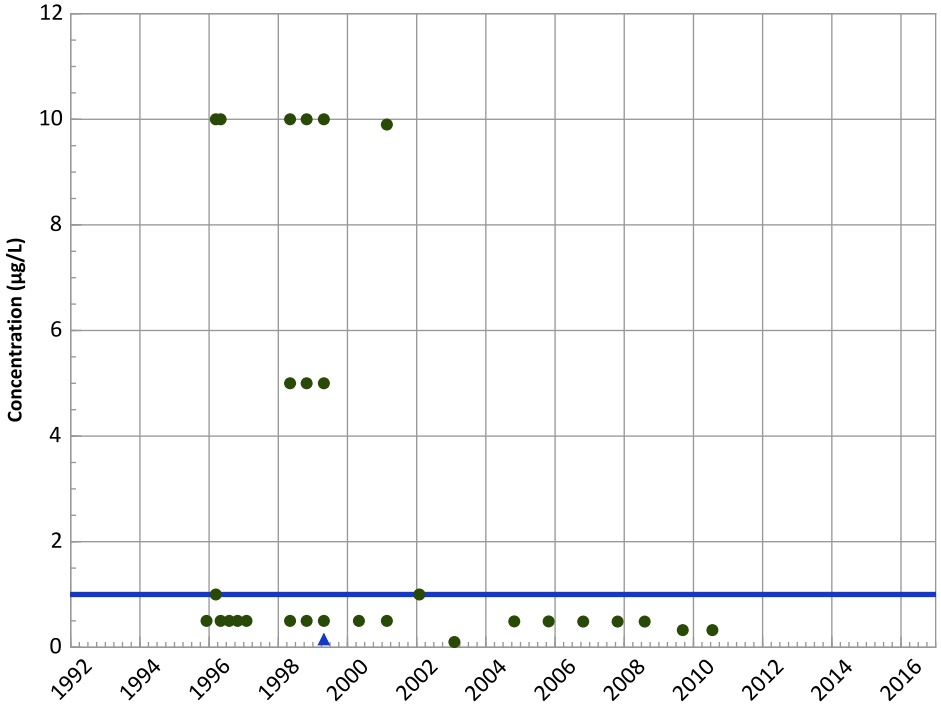
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

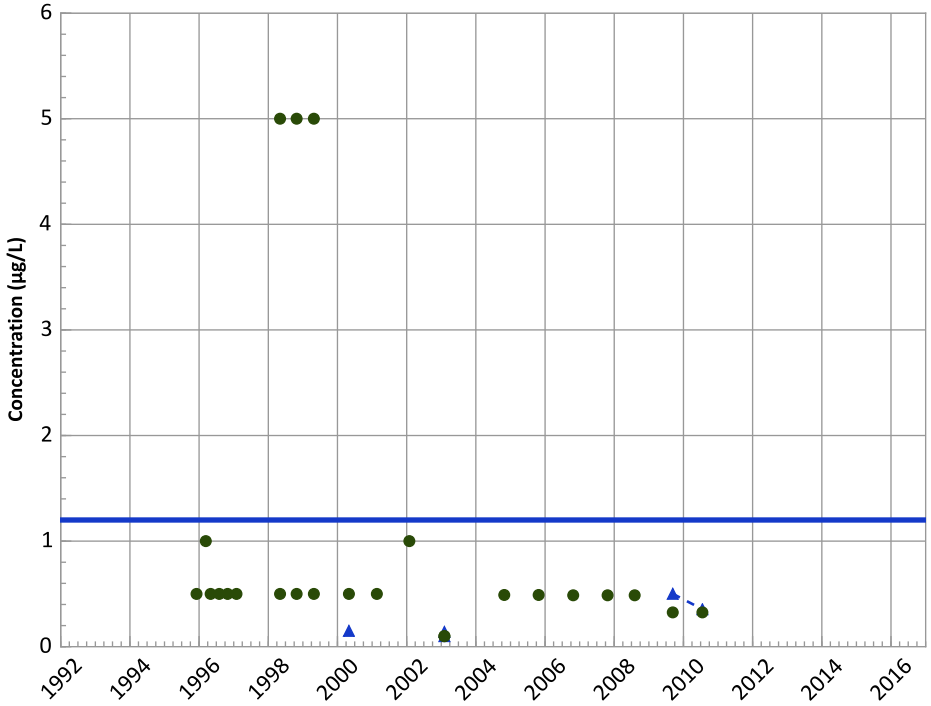


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

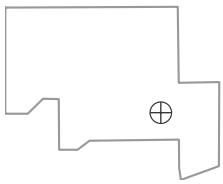
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 07/20/2010
Analysis Date: 03/07/2017

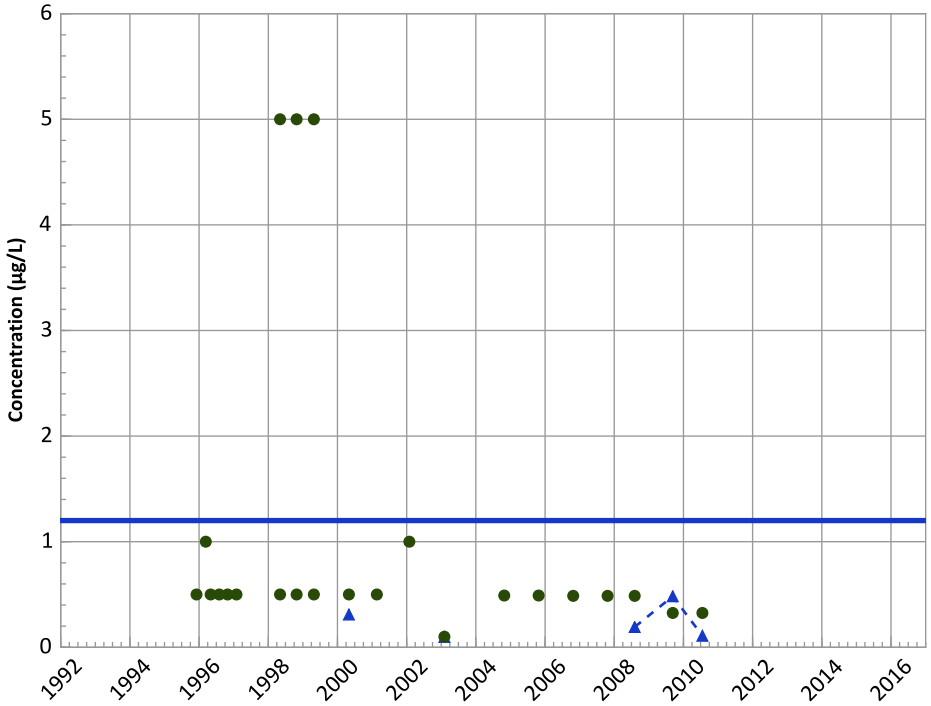
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ——— Groundwater Protection Standard

Well Location



PTX06-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

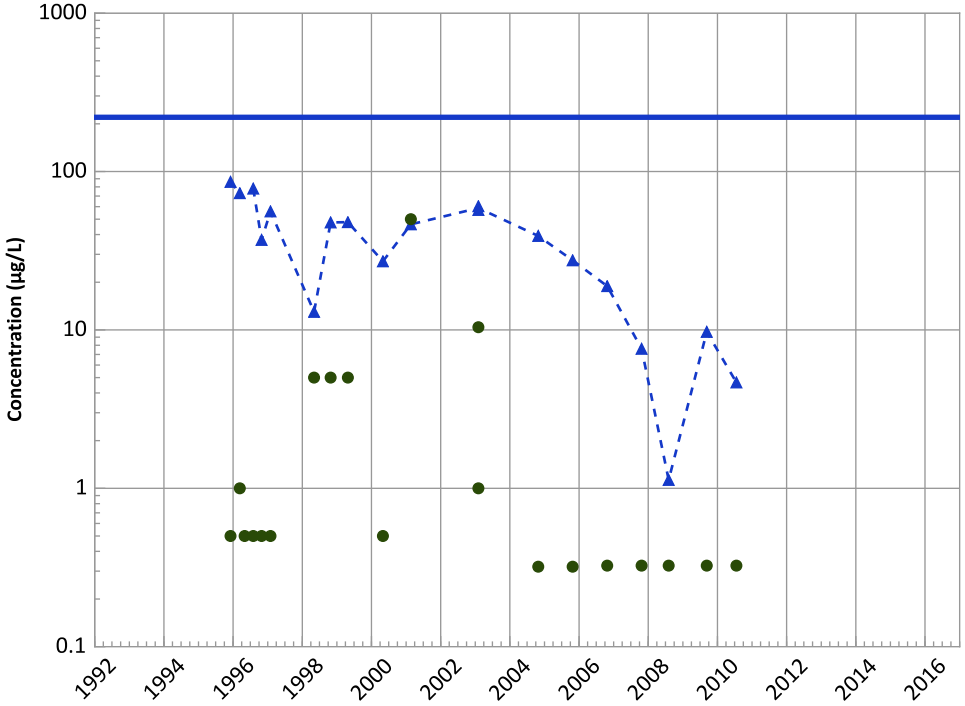


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

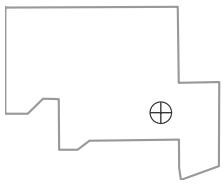
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 07/20/2010
Analysis Date: 03/07/2017

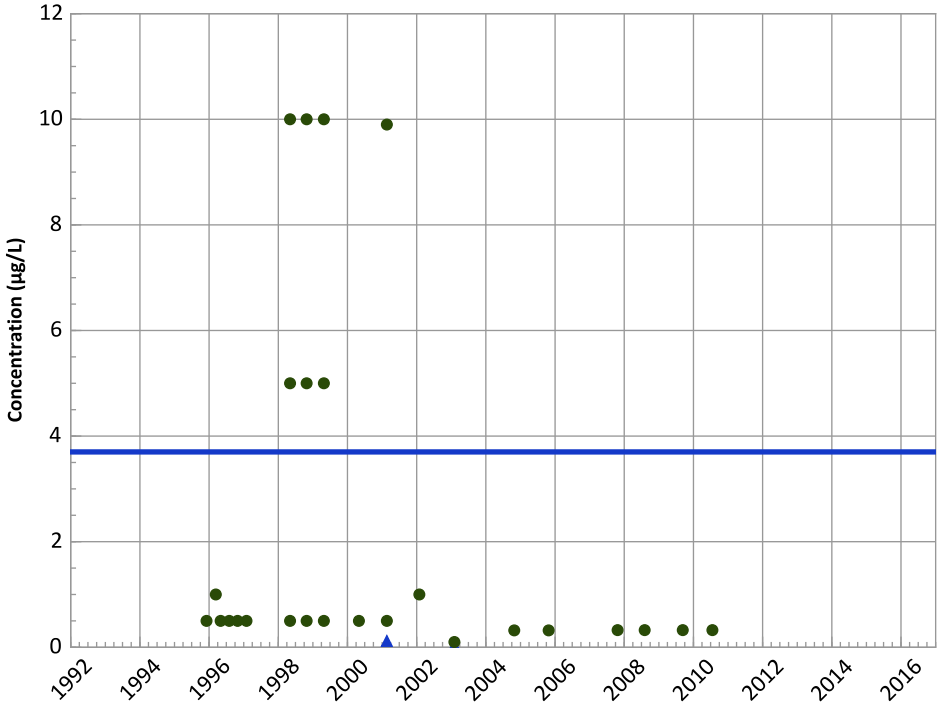
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

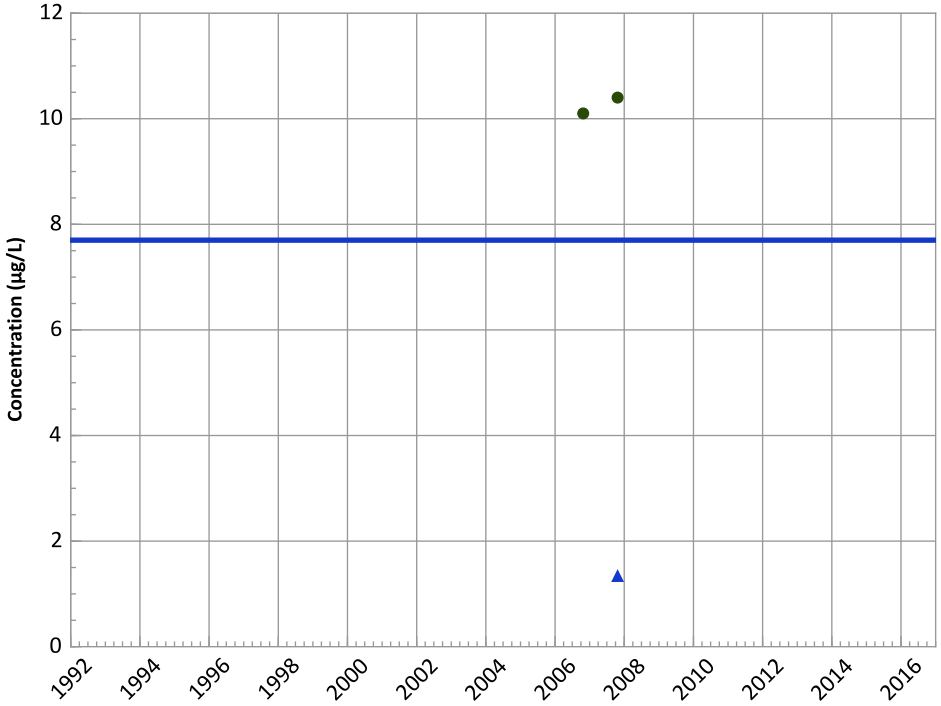


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

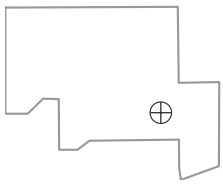
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 07/20/2010
Analysis Date: 03/07/2017

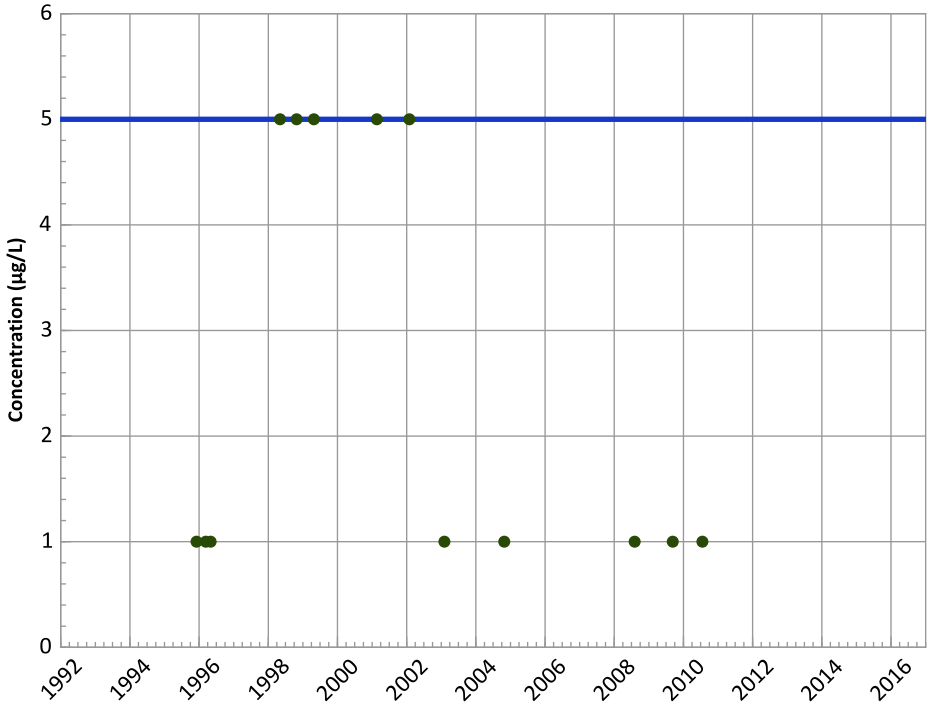
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

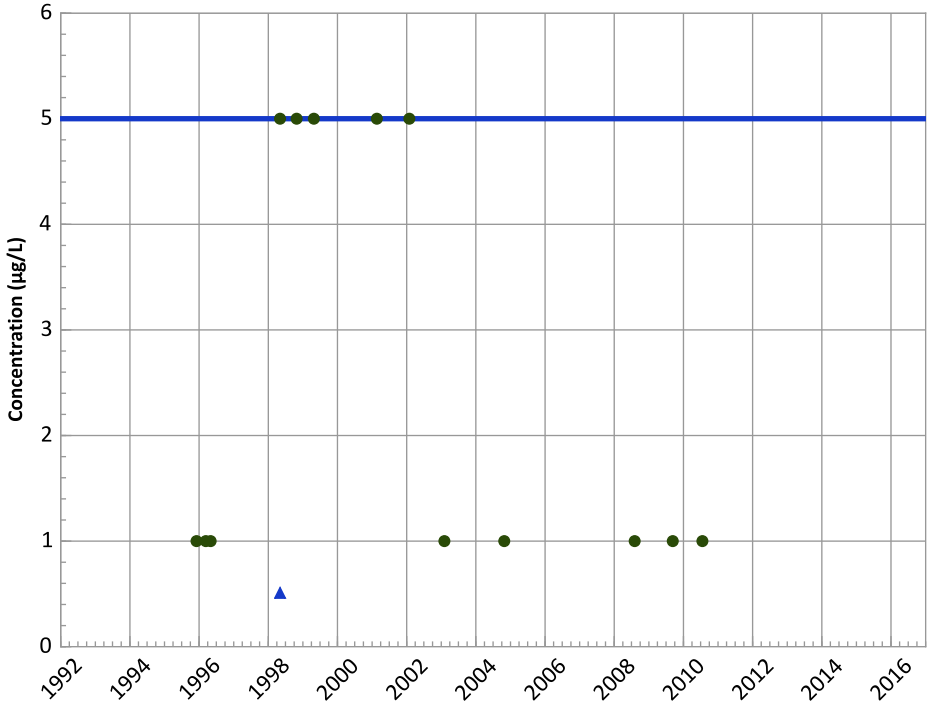


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

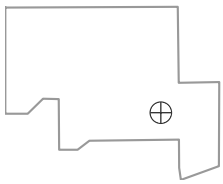
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 07/20/2010
Analysis Date: 03/07/2017

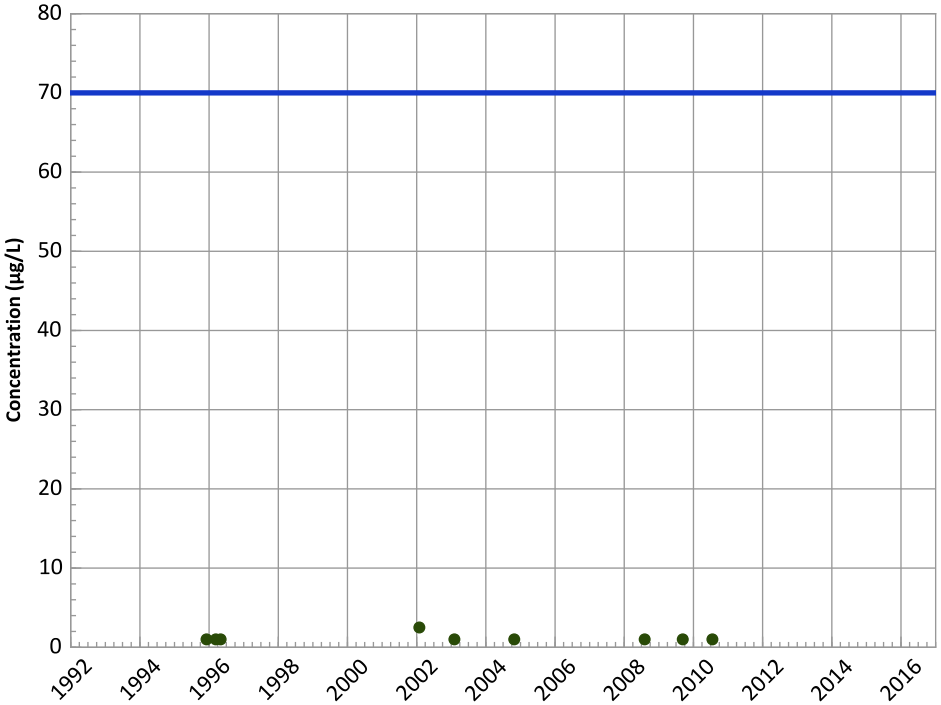
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

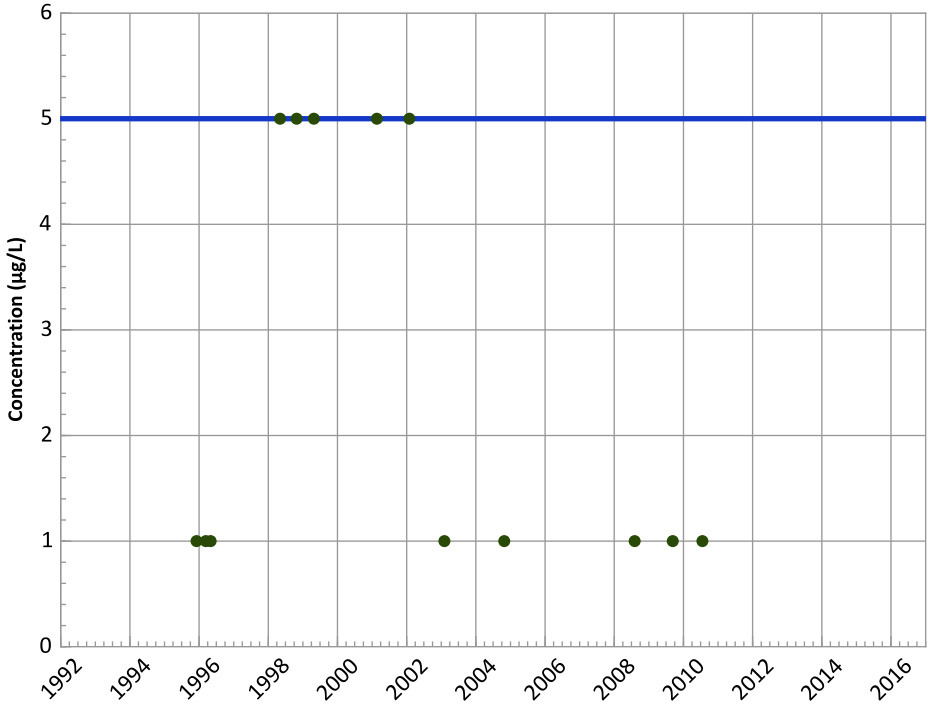


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

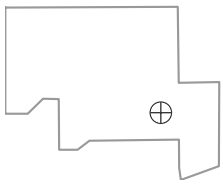
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 07/20/2010
Analysis Date: 03/07/2017

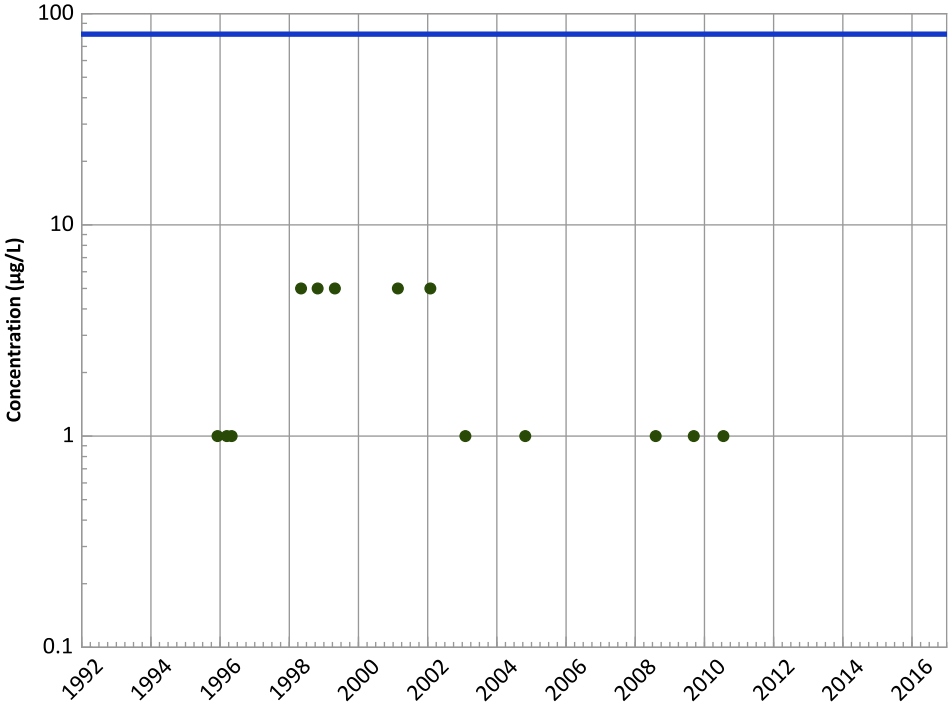
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

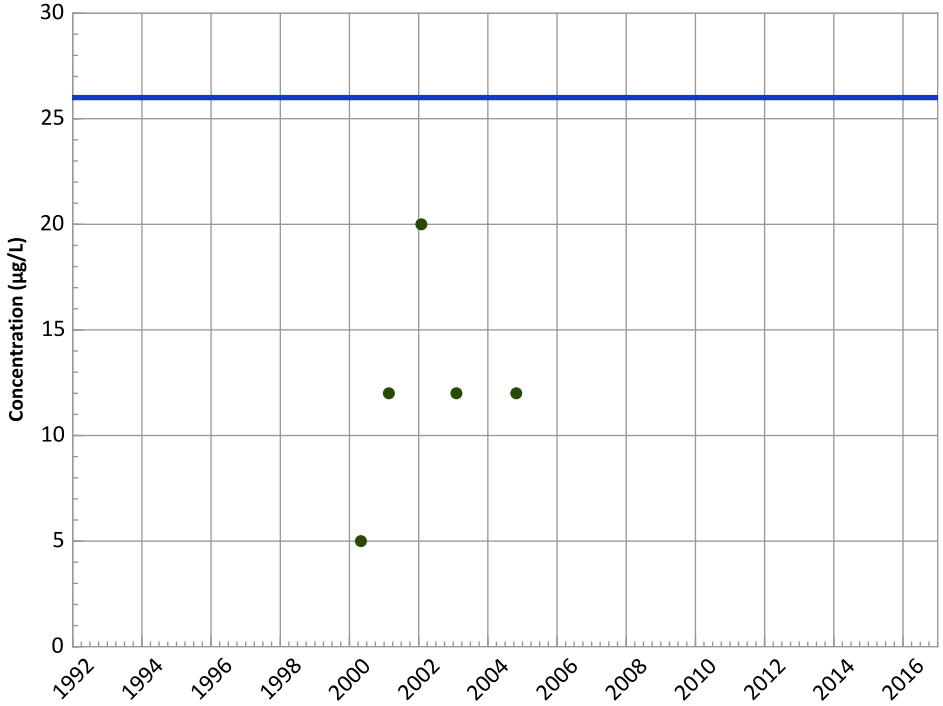


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

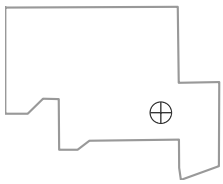
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 07/20/2010
Analysis Date: 03/07/2017

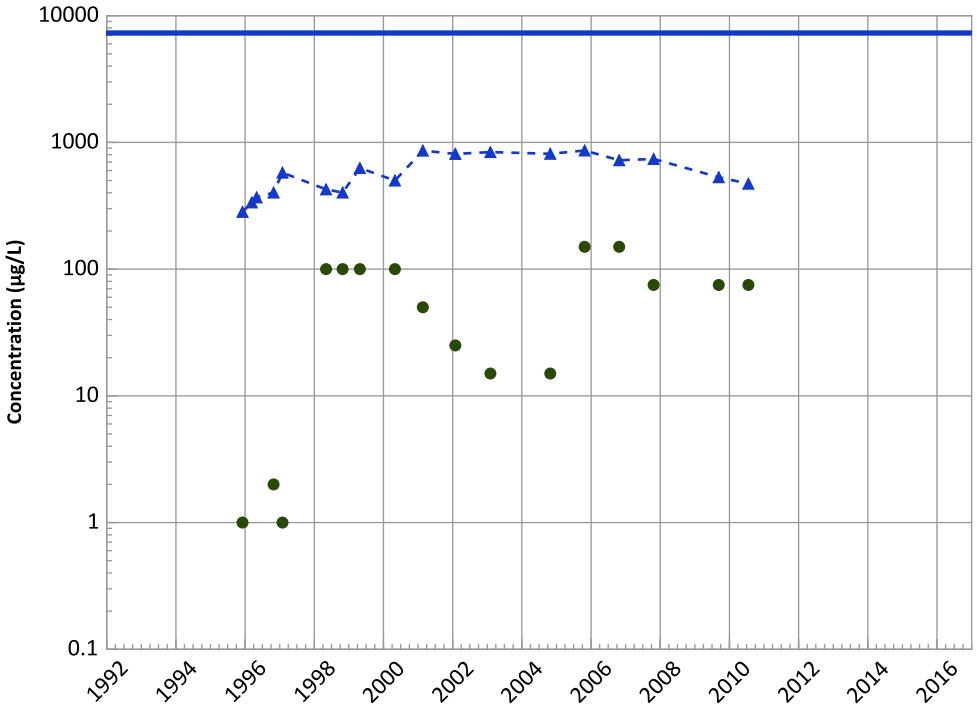
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

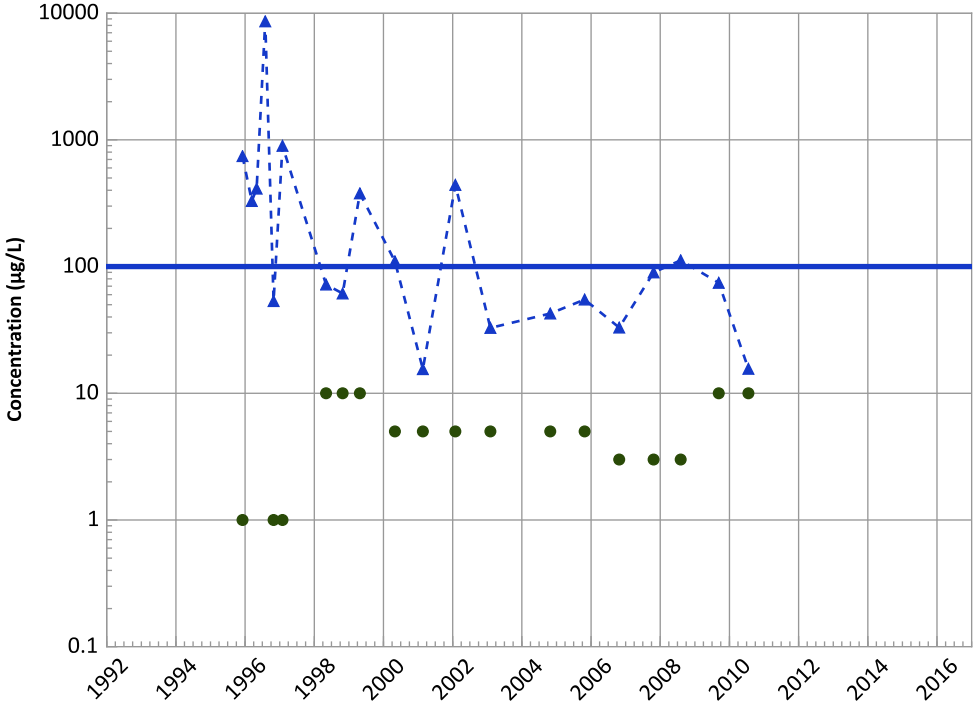


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Chromium, Total Trend



Concentration Trend

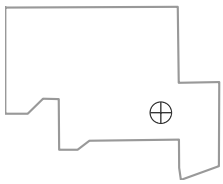
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 07/20/2010
Analysis Date: 03/07/2017

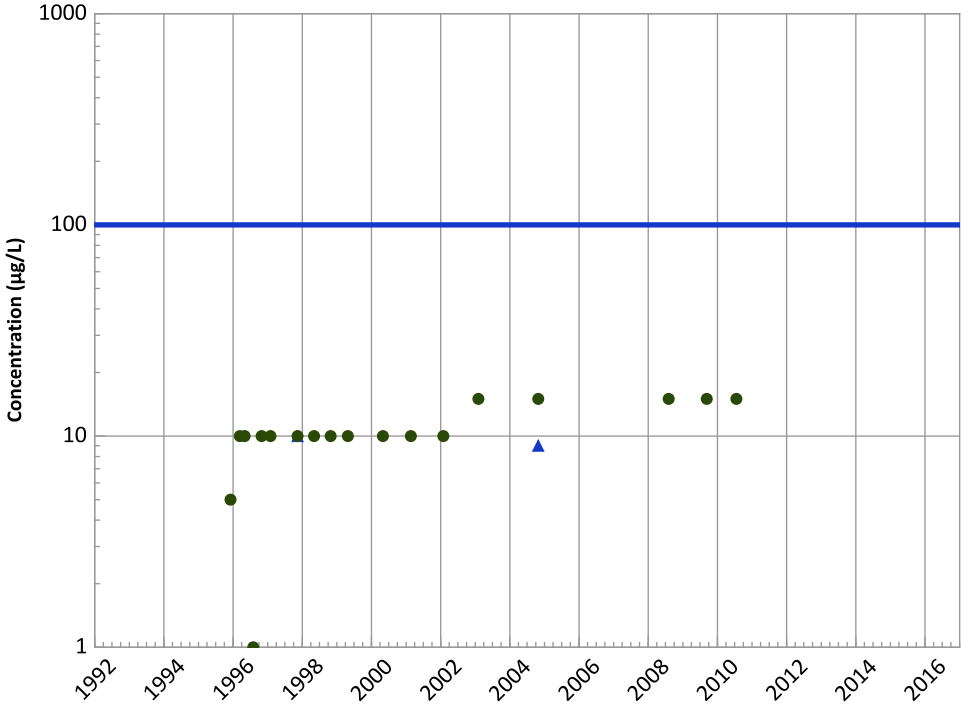
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

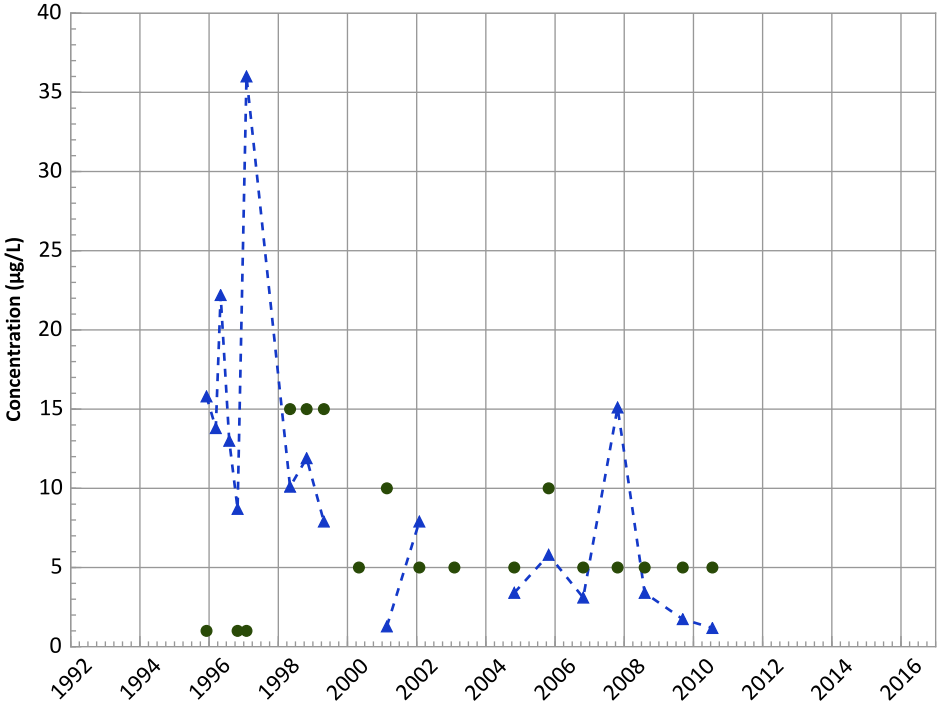


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

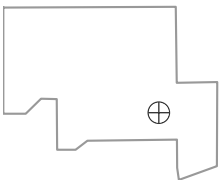
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 07/20/2010
Analysis Date: 03/07/2017

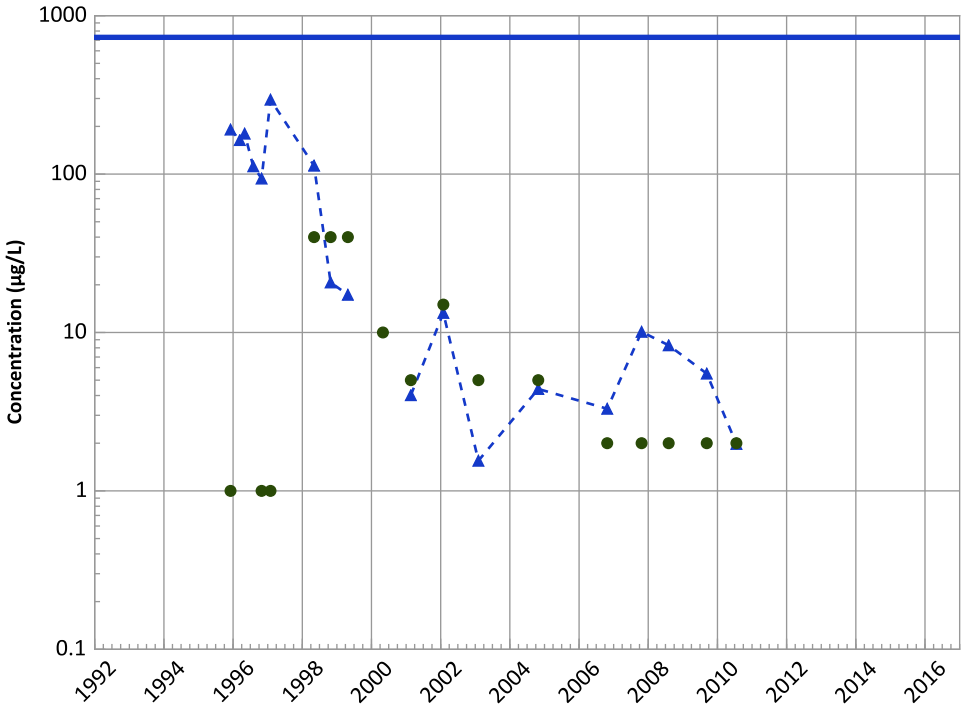
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

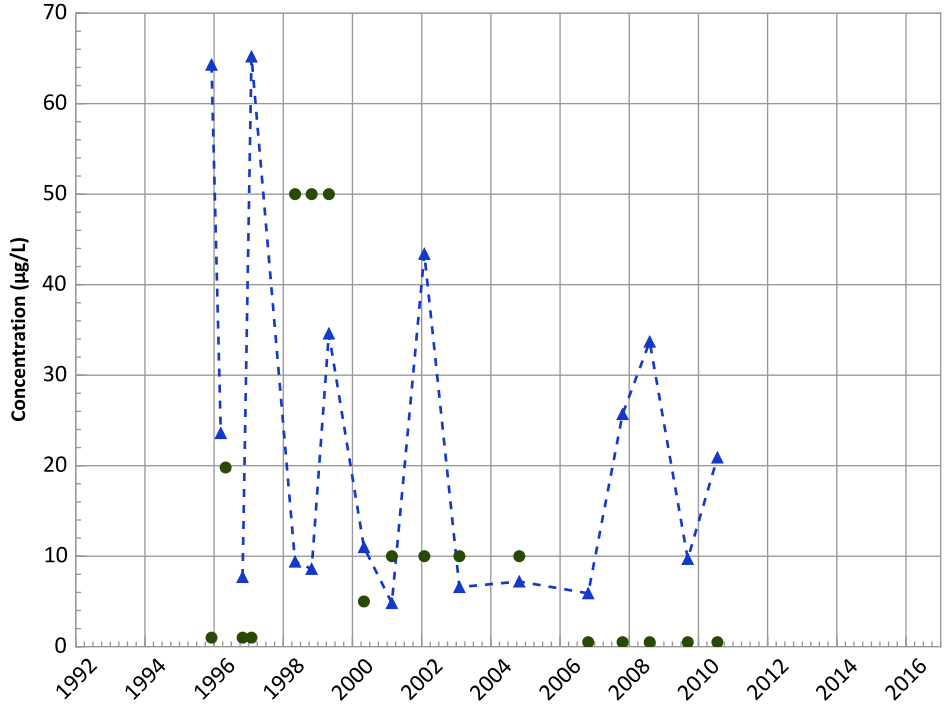


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Molybdenum Trend



Concentration Trend

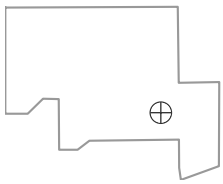
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 07/20/2010
Analysis Date: 03/07/2017

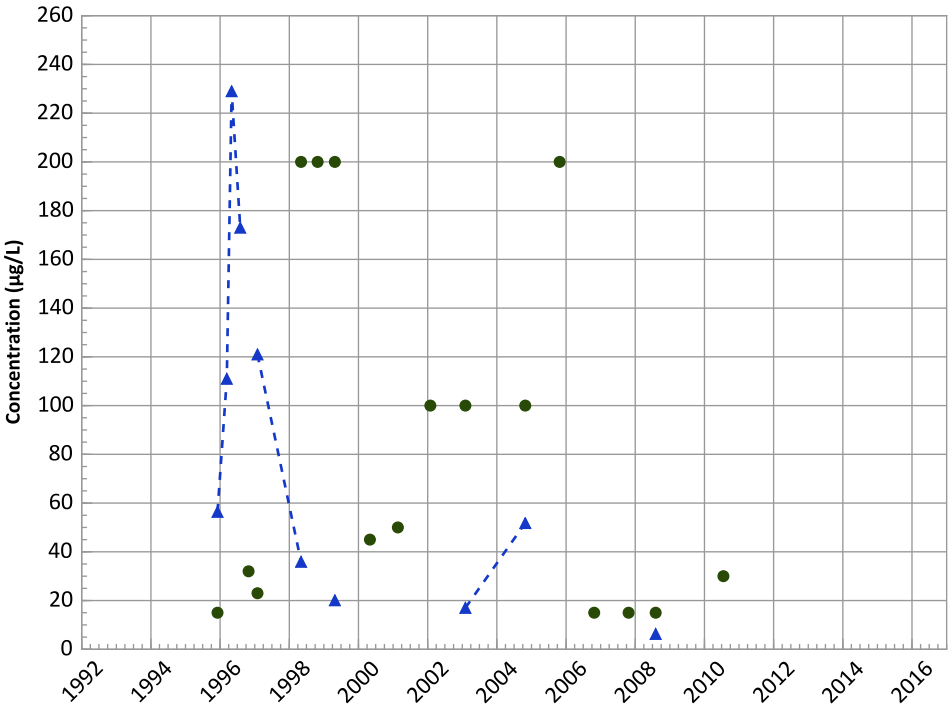
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

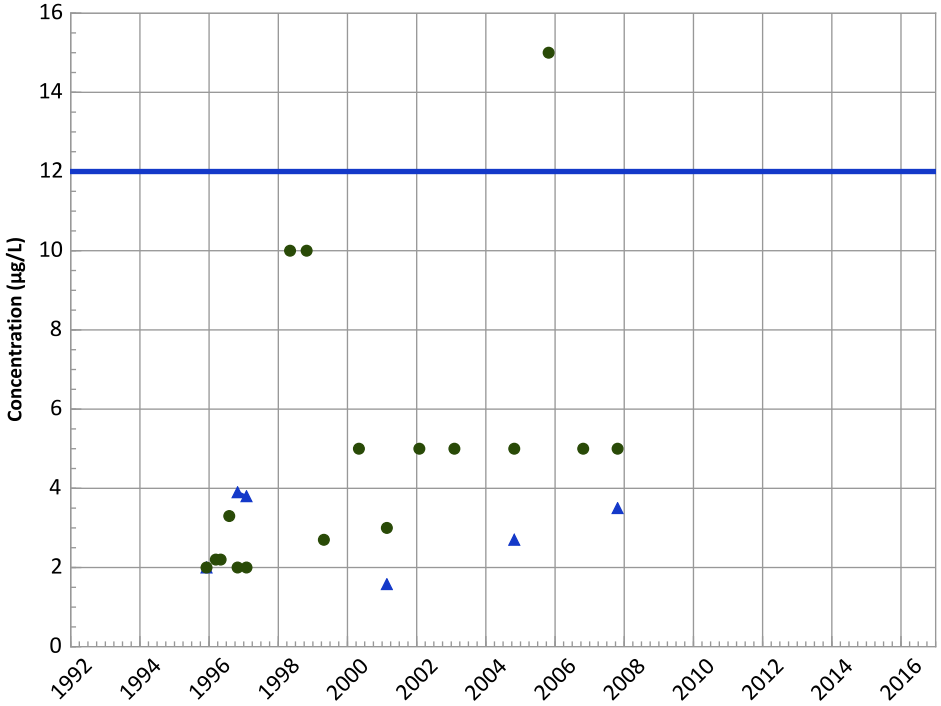


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Arsenic Trend



Concentration Trend

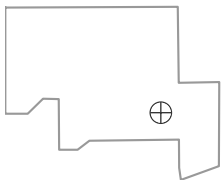
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 07/20/2010
Analysis Date: 03/07/2017

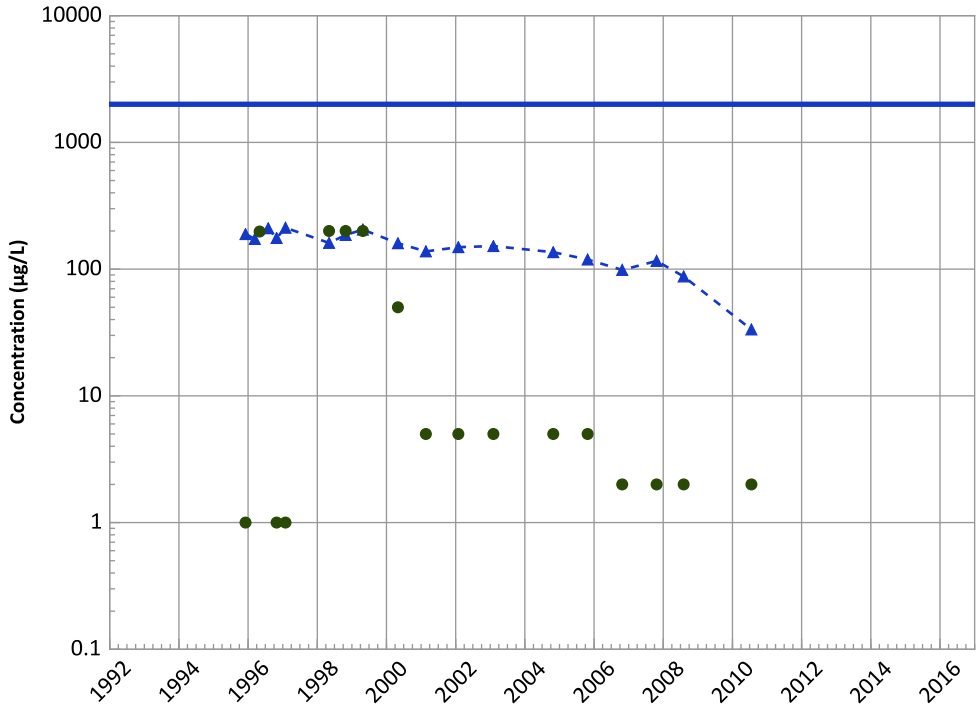
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

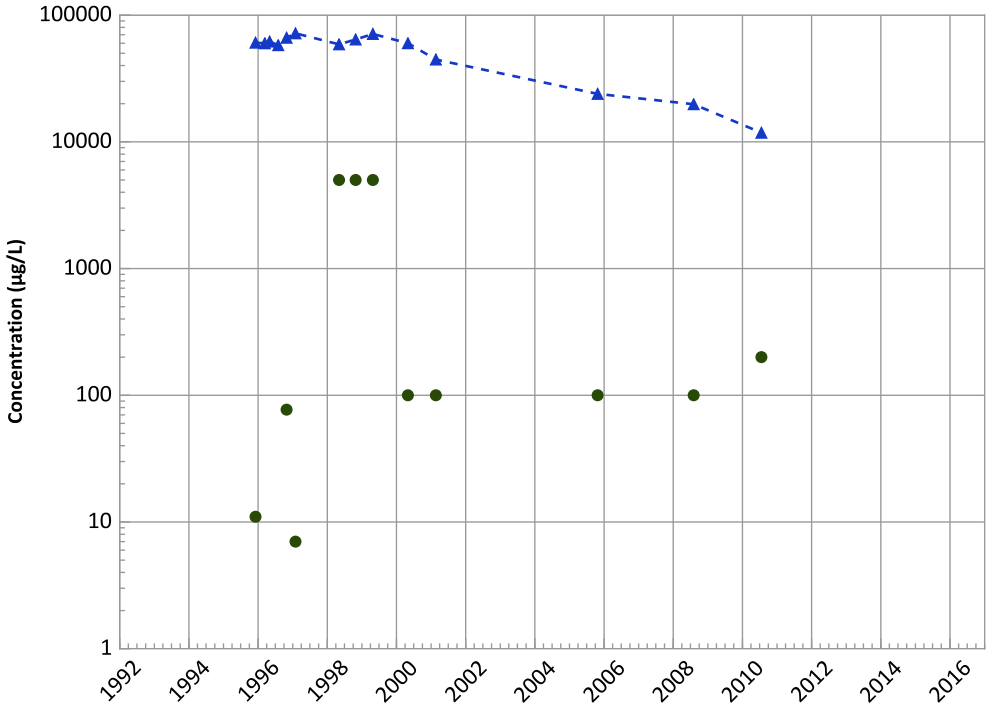


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Calcium Trend



Concentration Trend

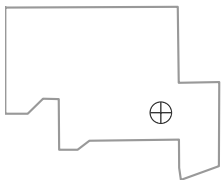
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 07/20/2010
Analysis Date: 03/07/2017

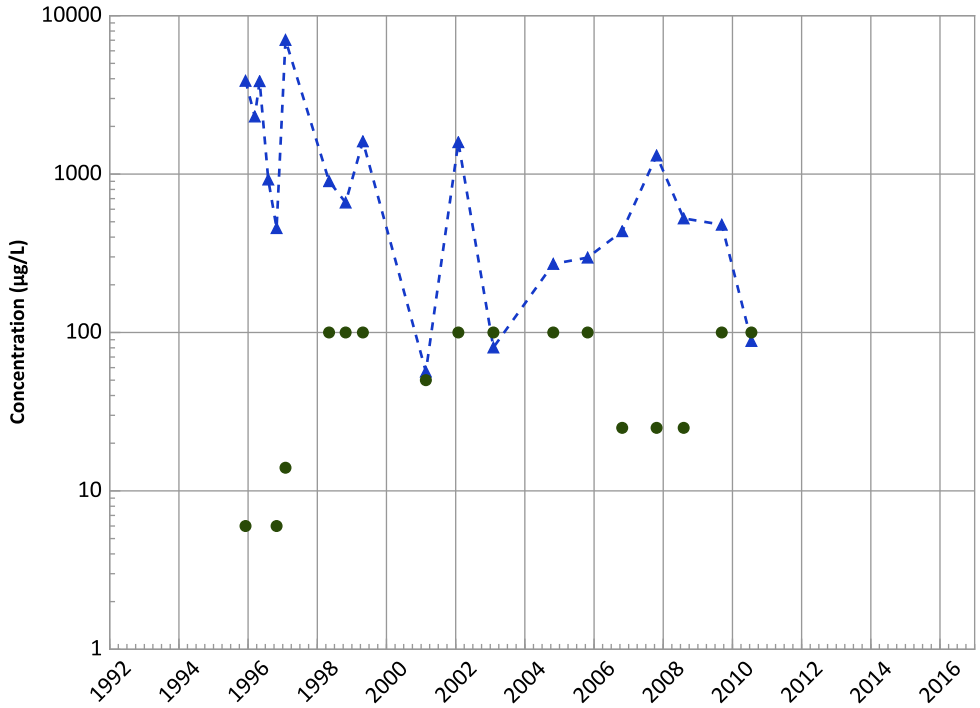
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

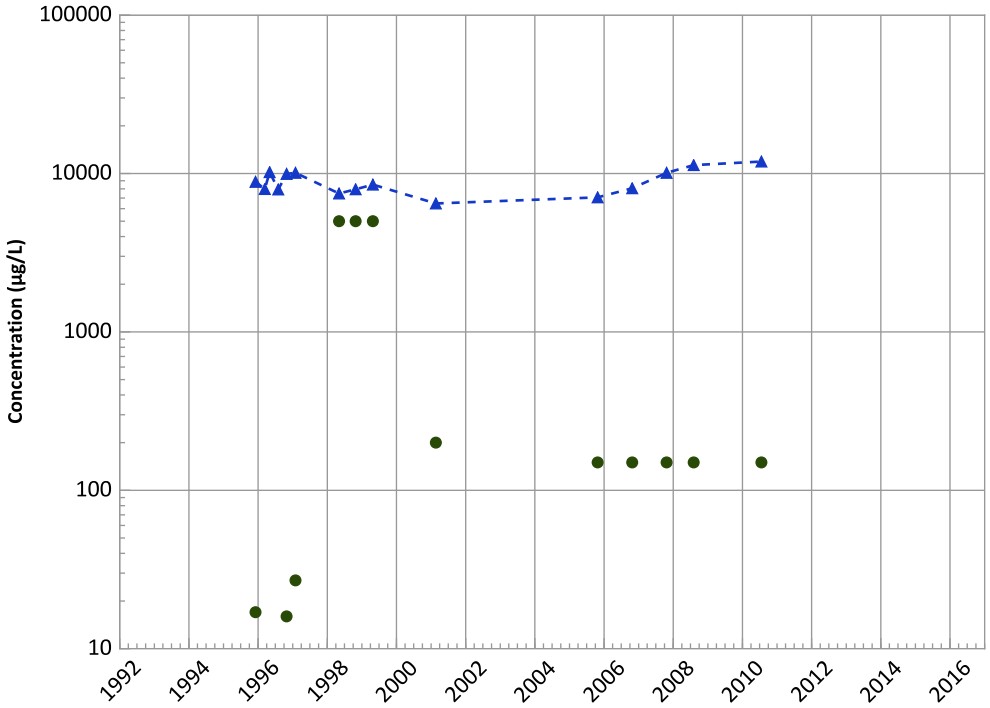


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Potassium Trend



Concentration Trend

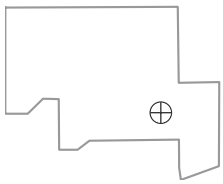
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 07/20/2010
Analysis Date: 03/07/2017

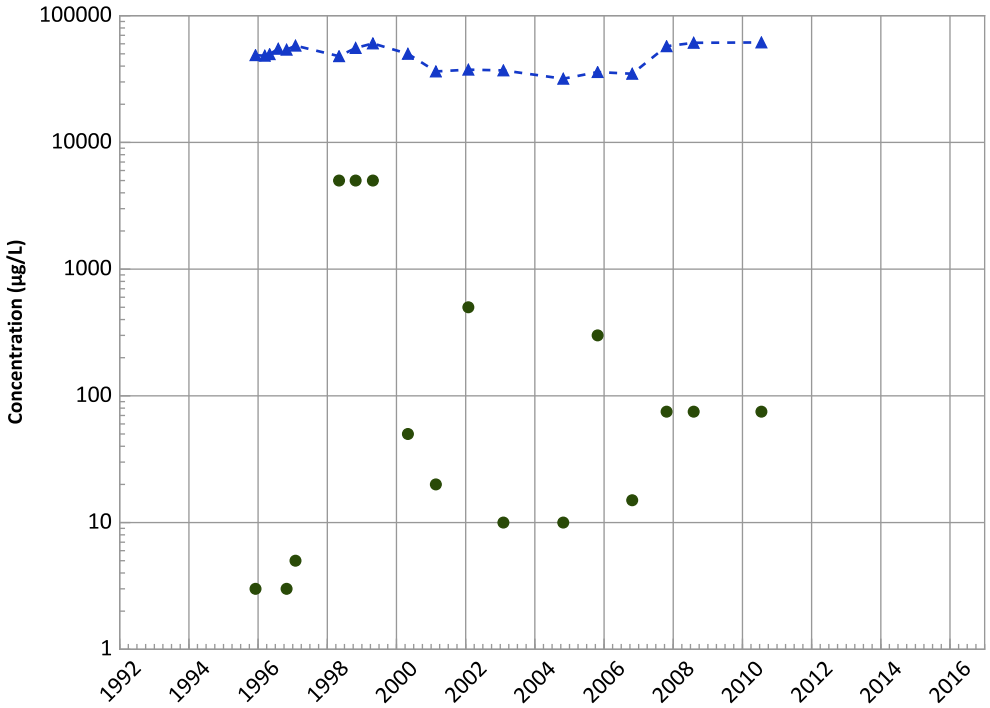
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

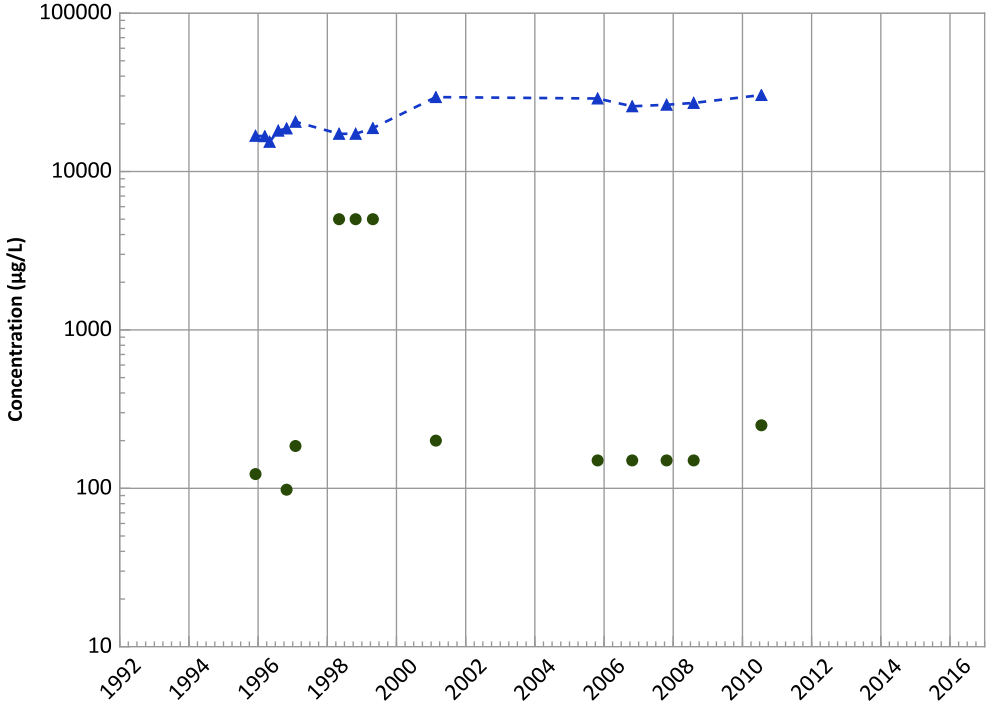


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Sodium Trend



Concentration Trend

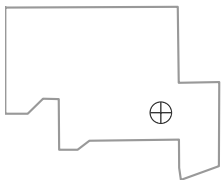
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

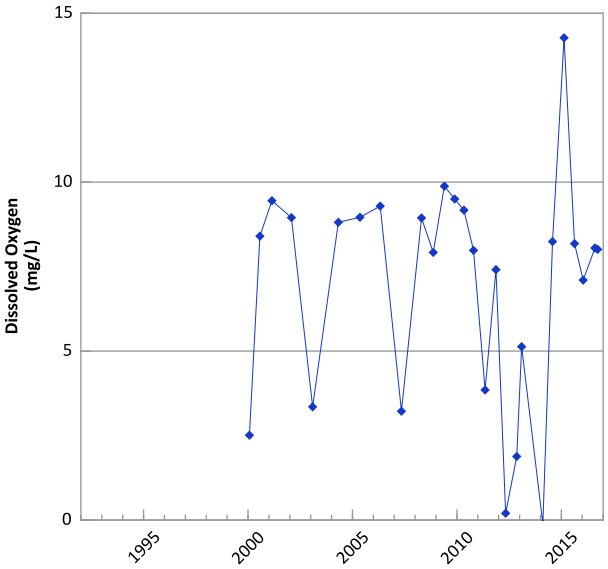
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 07/20/2010
Analysis Date: 03/07/2017

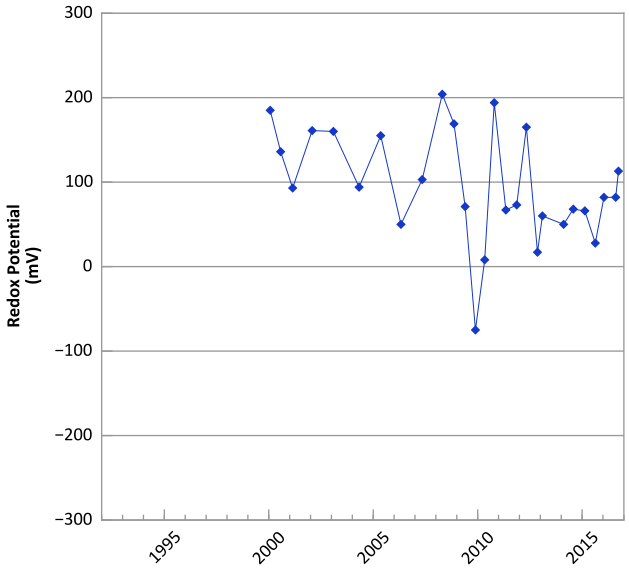
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

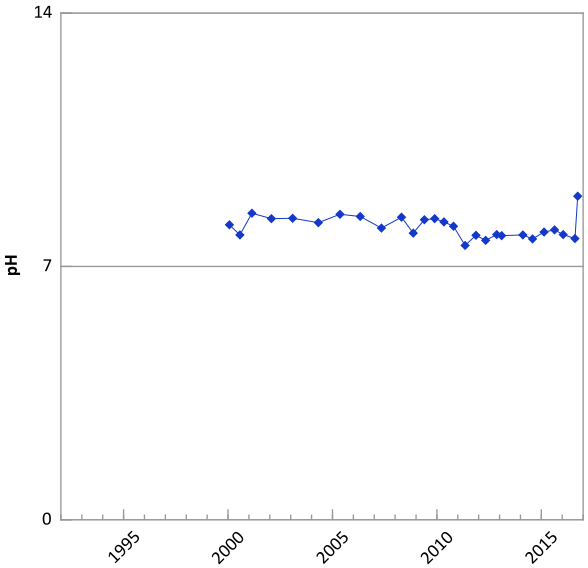
Well Location

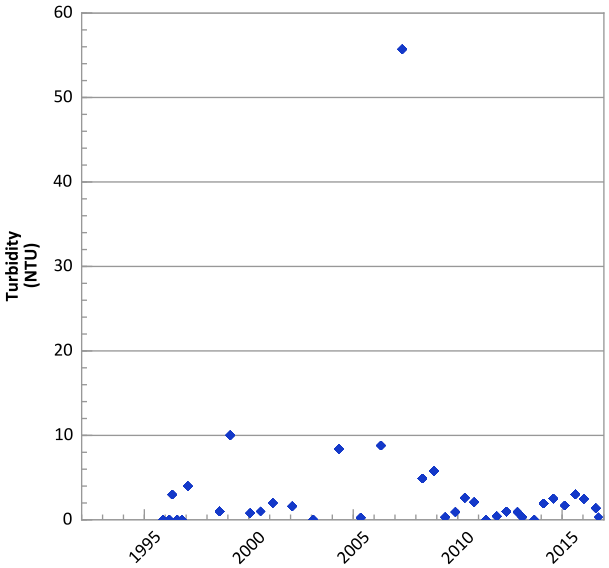


PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



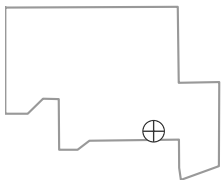






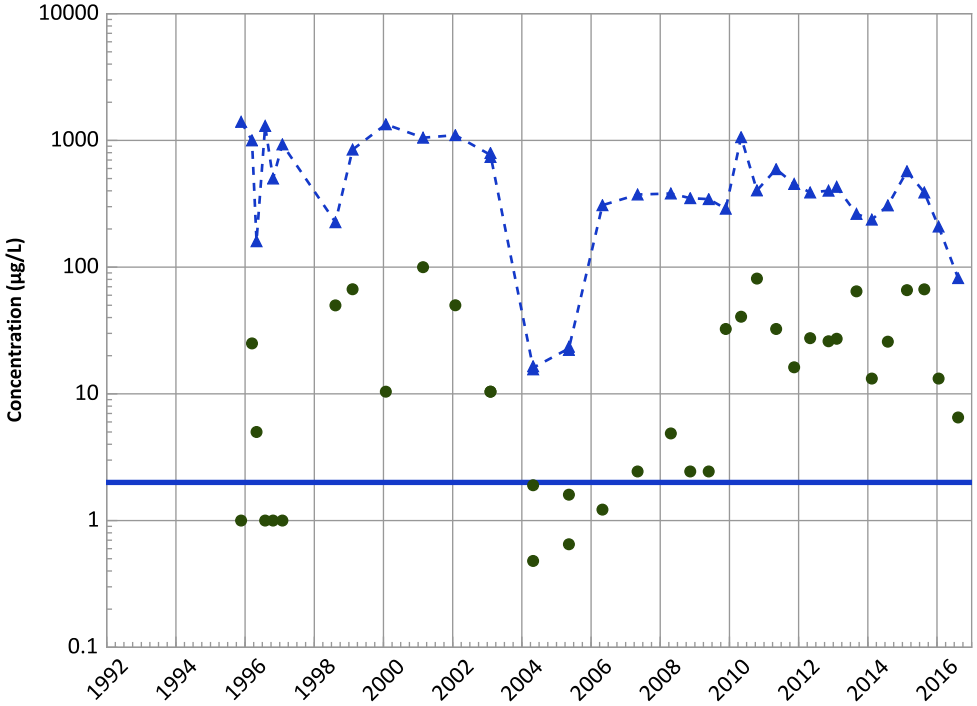
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/20/1995 to 09/28/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

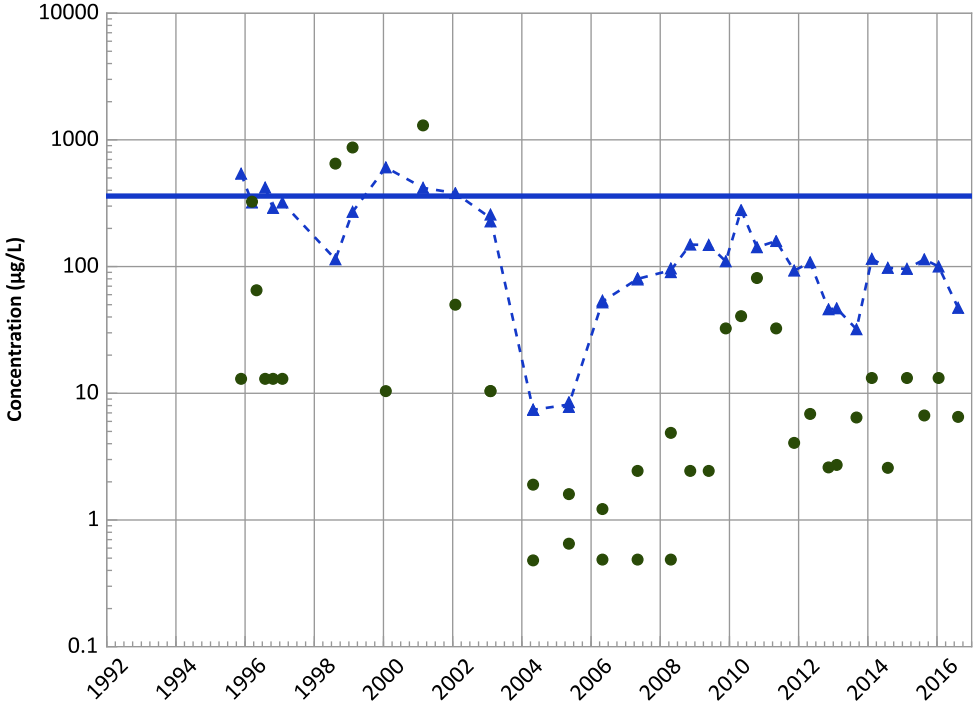


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

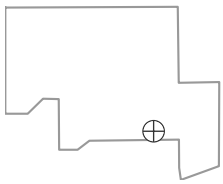
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/20/1995 to 09/28/2016
Analysis Date: 03/07/2017

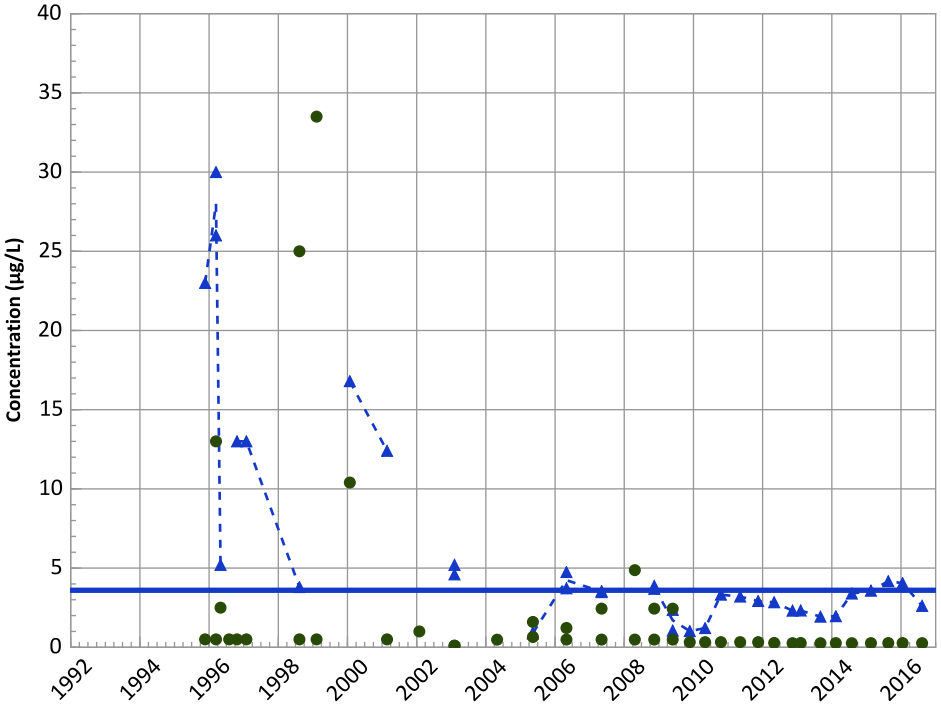
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

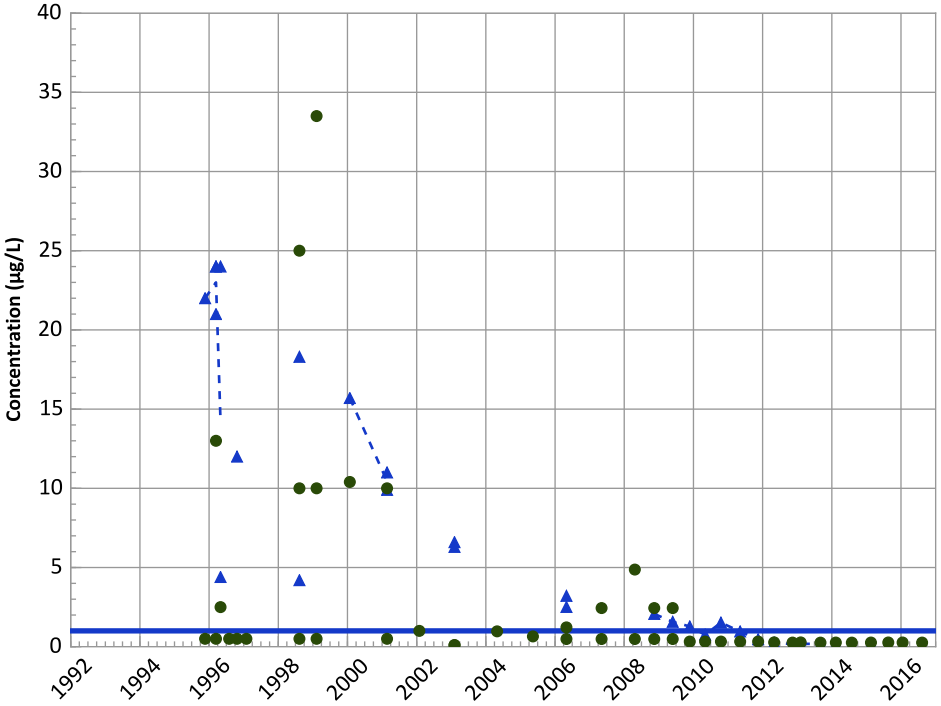


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

2,4-Dinitrotoluene Trend



Concentration Trend

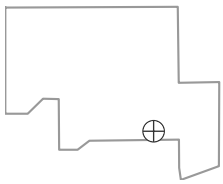
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/20/1995 to 09/28/2016
Analysis Date: 03/07/2017

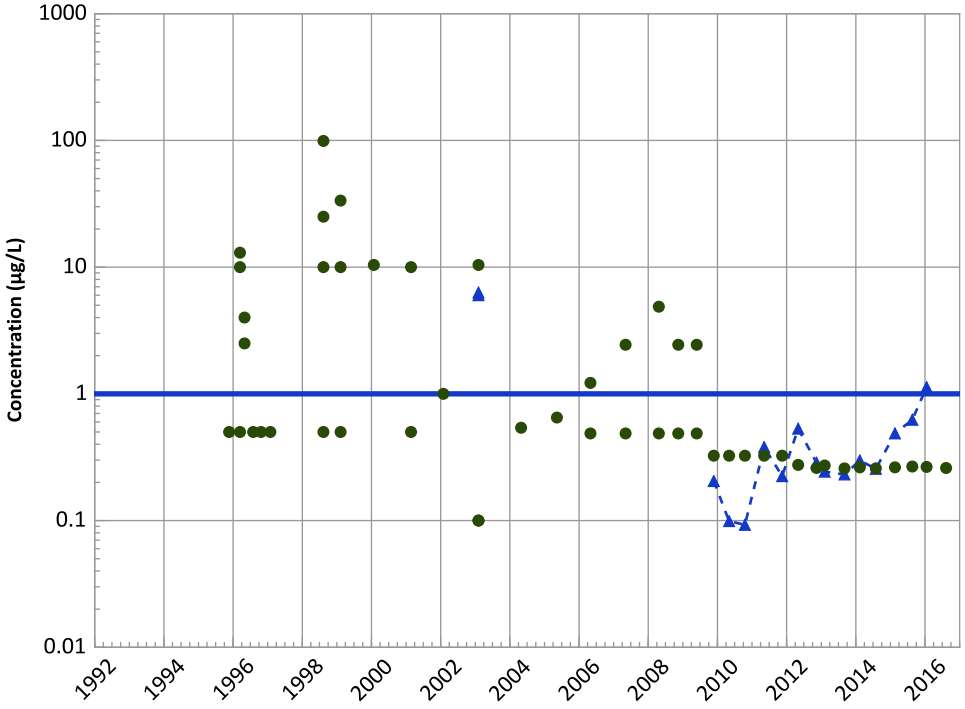
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

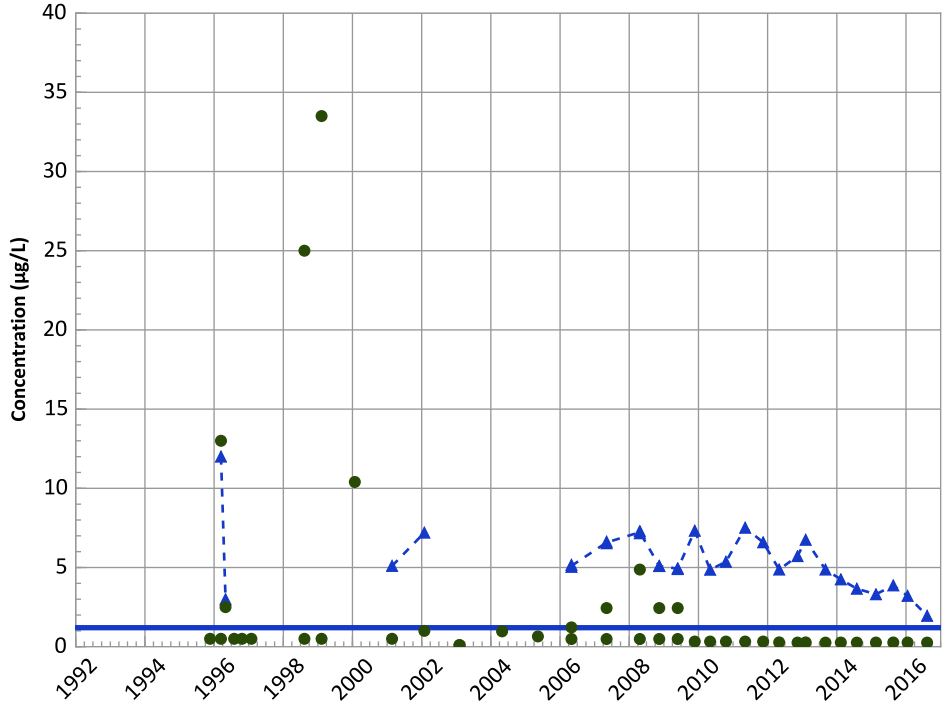


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

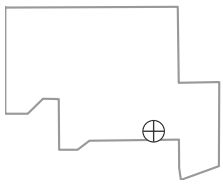
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/20/1995 to 09/28/2016
Analysis Date: 03/07/2017

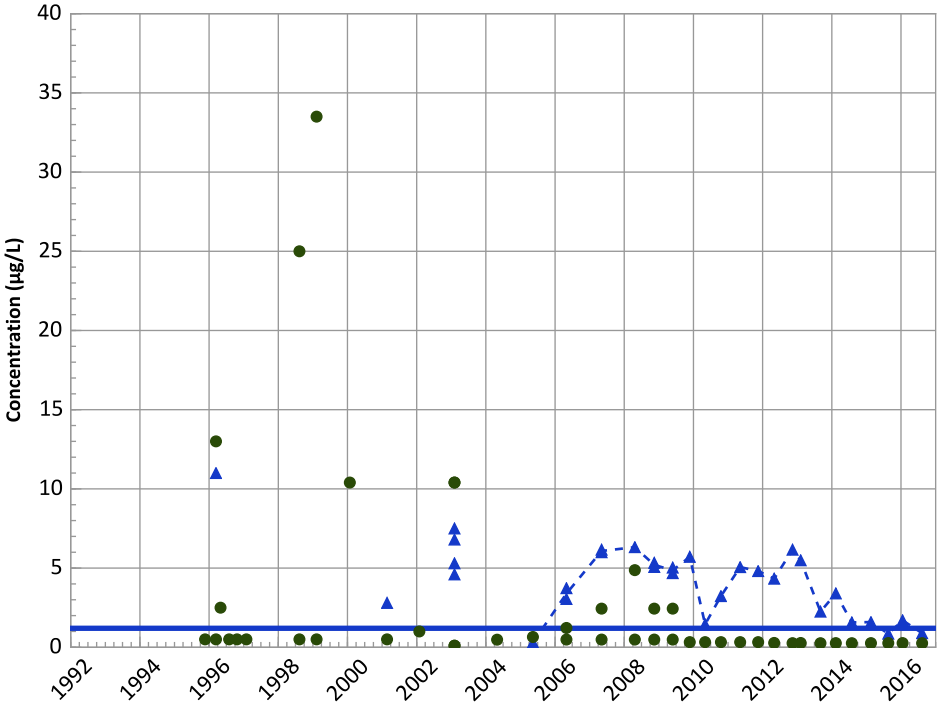
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

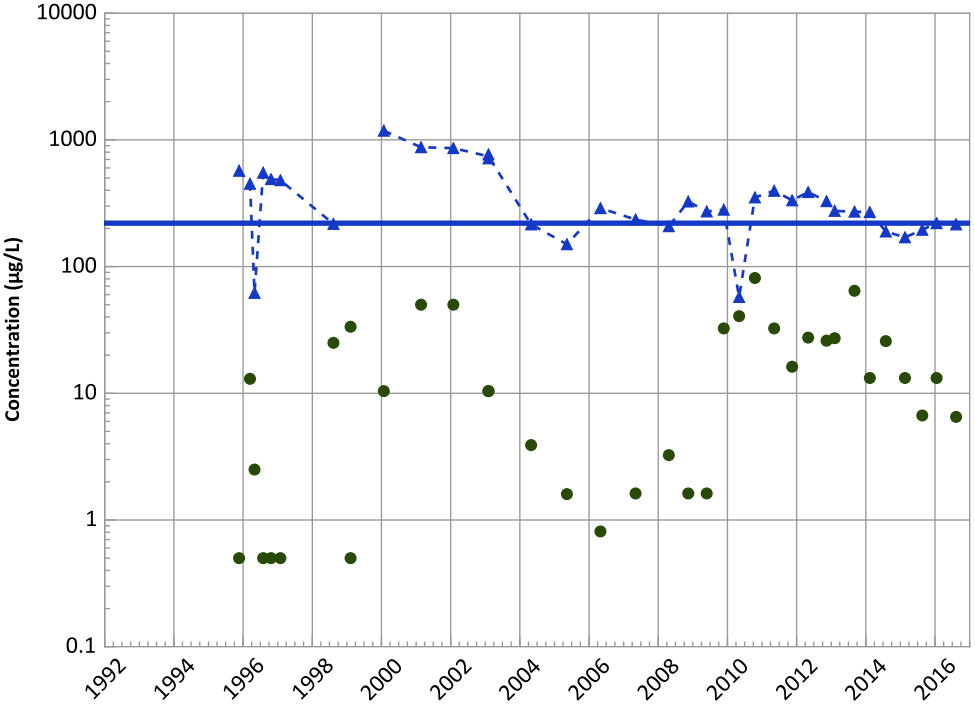


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

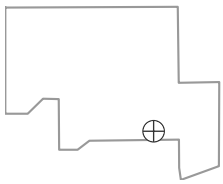
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/20/1995 to 09/28/2016
Analysis Date: 03/07/2017

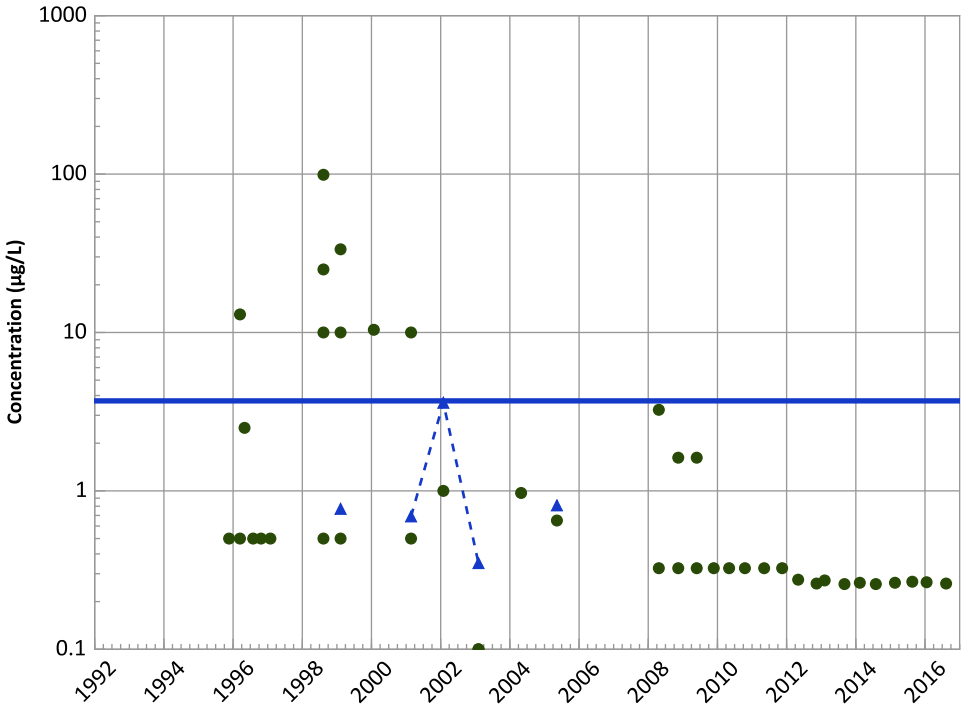
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

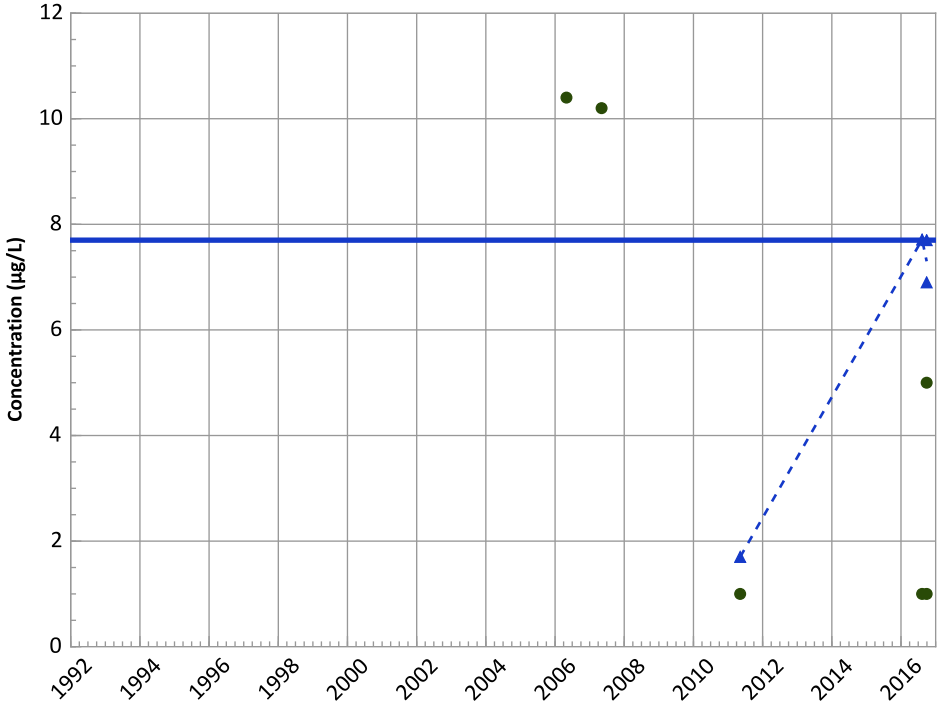


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
No Trend

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

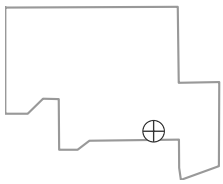
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/20/1995 to 09/28/2016
Analysis Date: 03/07/2017

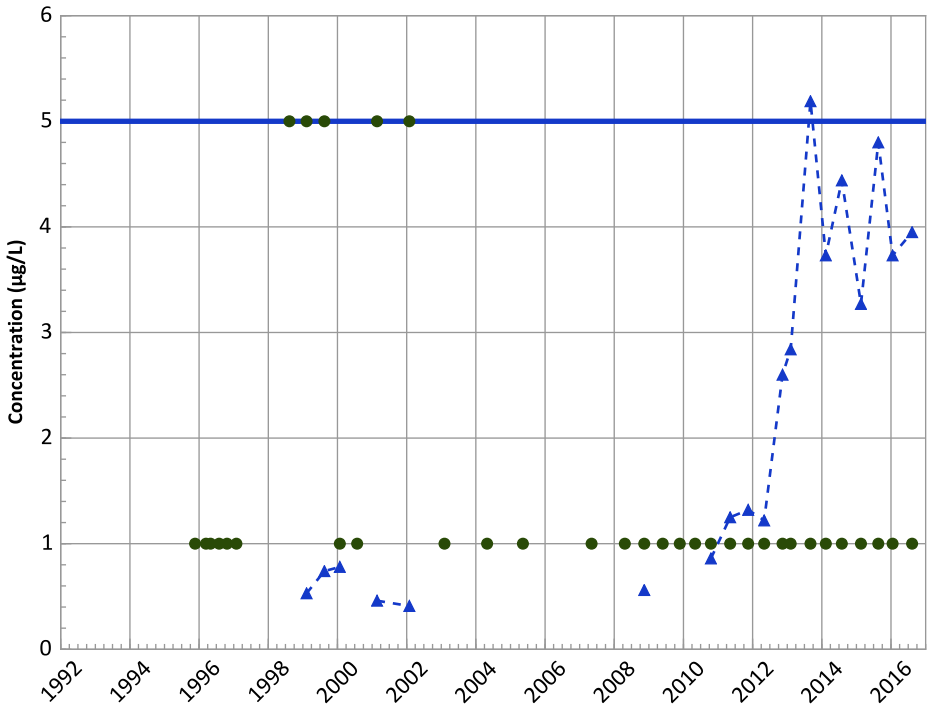
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

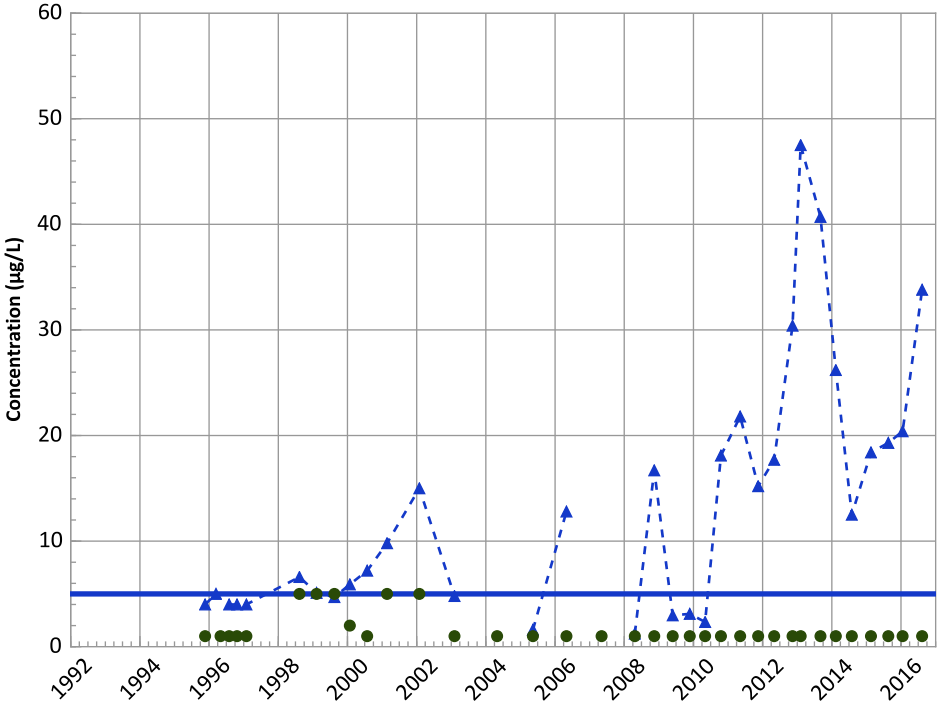


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Trichloroethene Trend



Concentration Trend

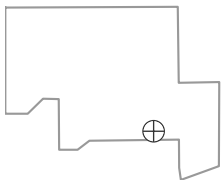
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/20/1995 to 09/28/2016
Analysis Date: 03/07/2017

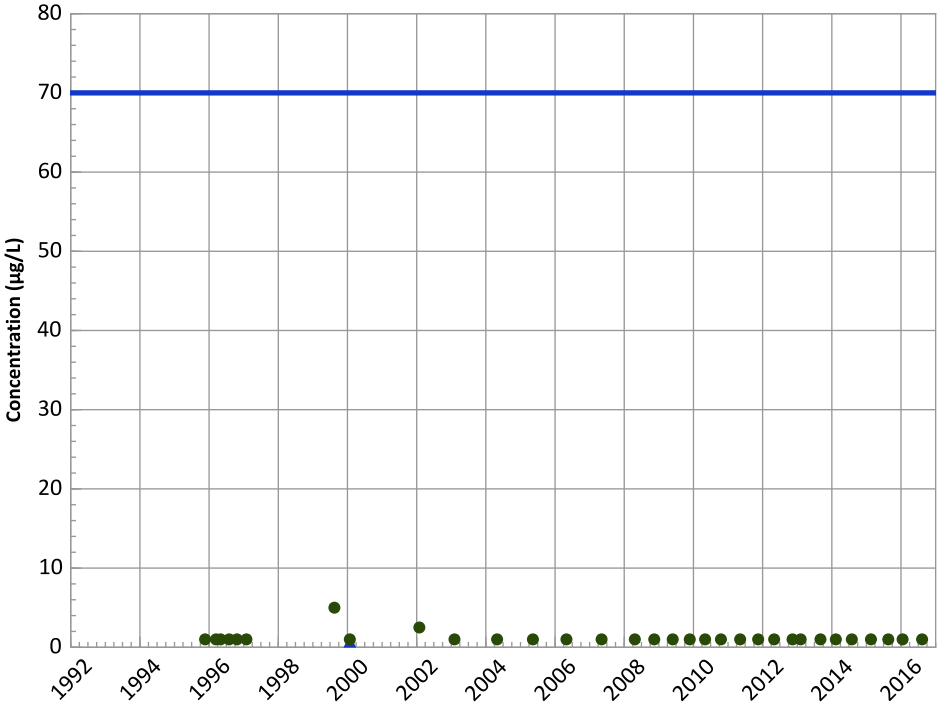
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

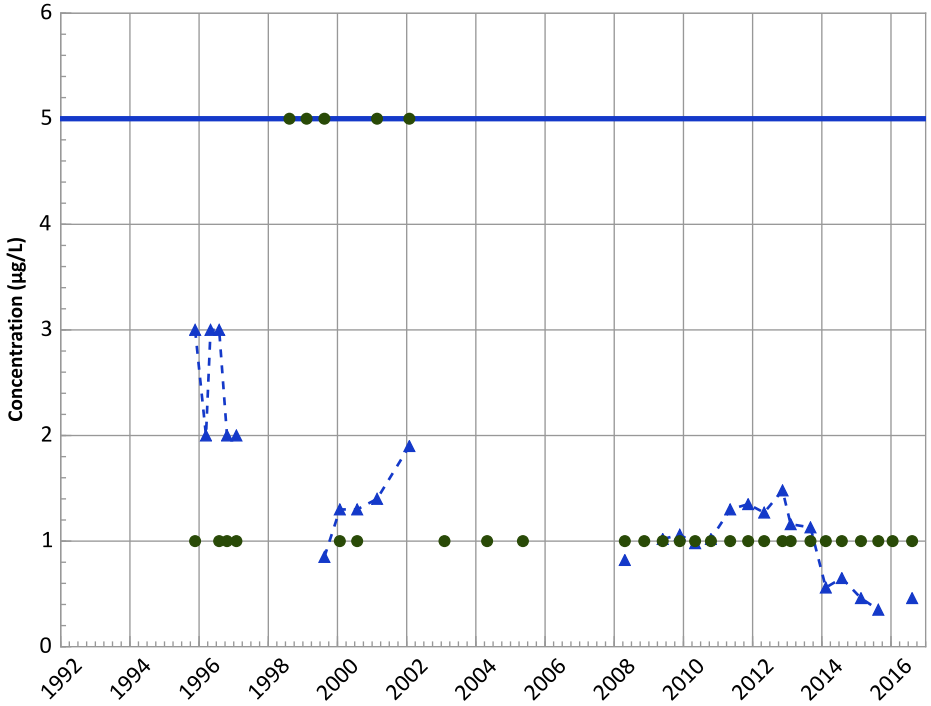


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

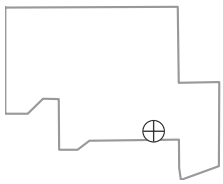
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/20/1995 to 09/28/2016
Analysis Date: 03/07/2017

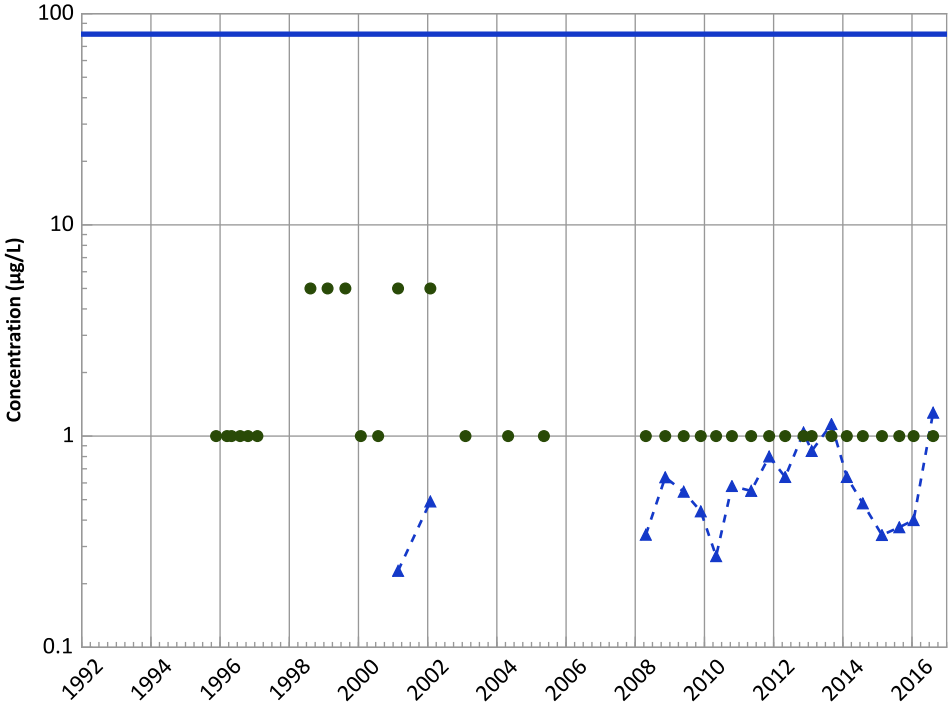
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

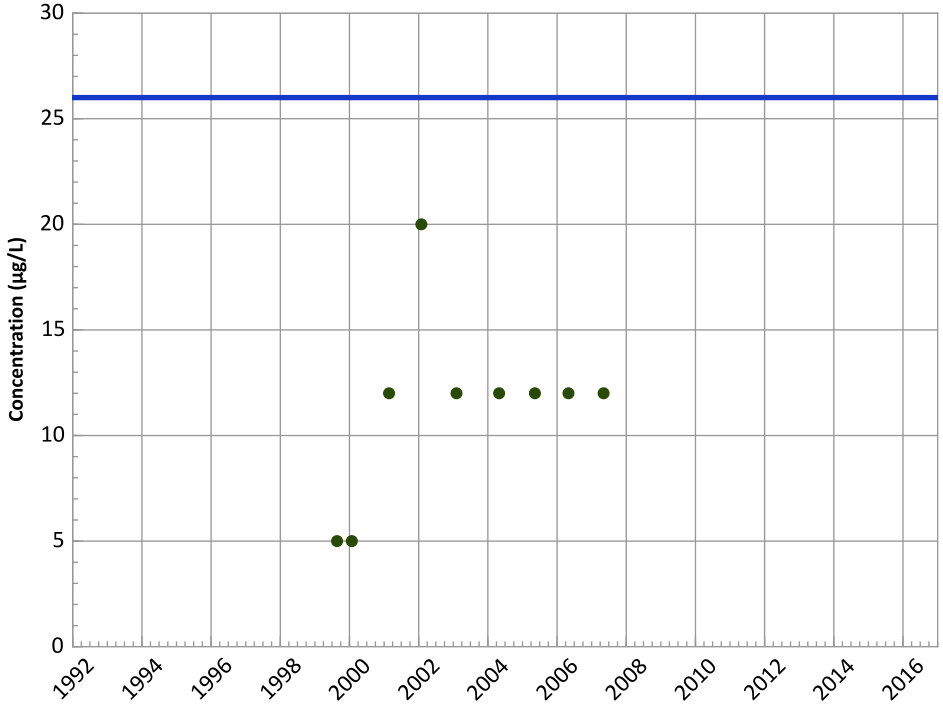


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Perchlorate Trend



Concentration Trend

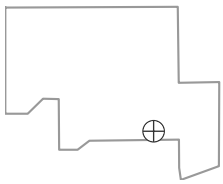
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/20/1995 to 09/28/2016
Analysis Date: 03/07/2017

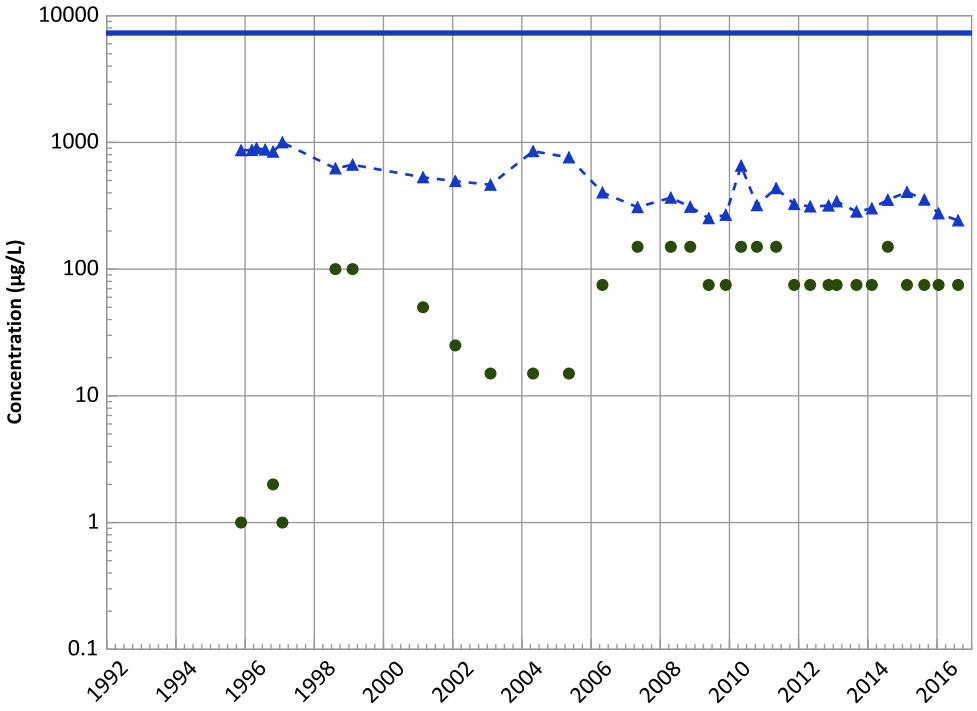
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

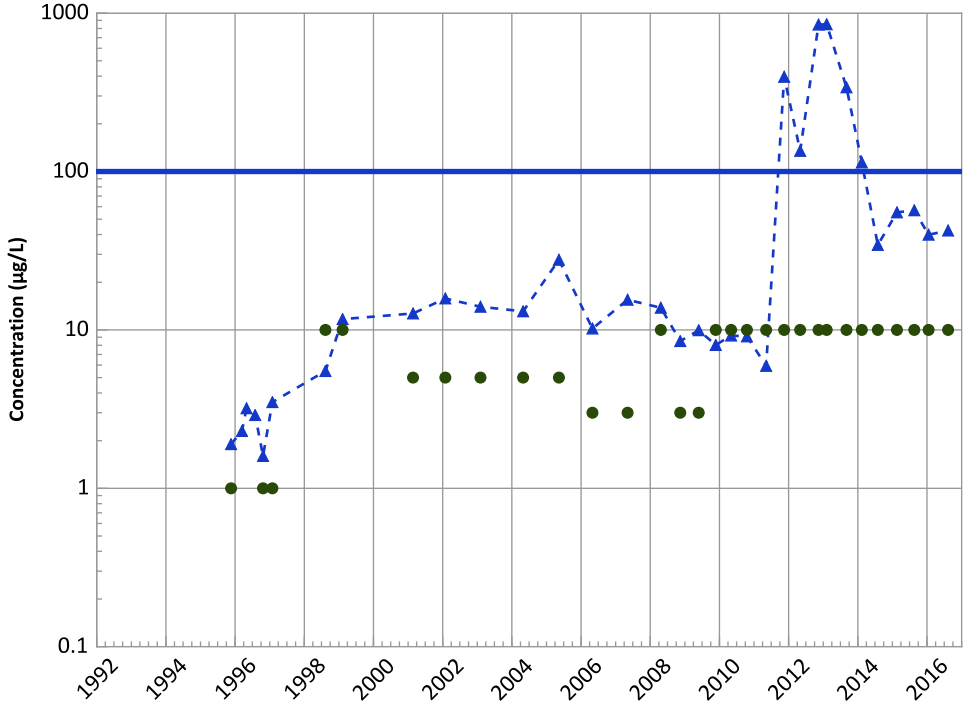


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

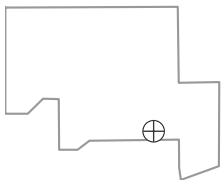
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/20/1995 to 09/28/2016
Analysis Date: 03/07/2017

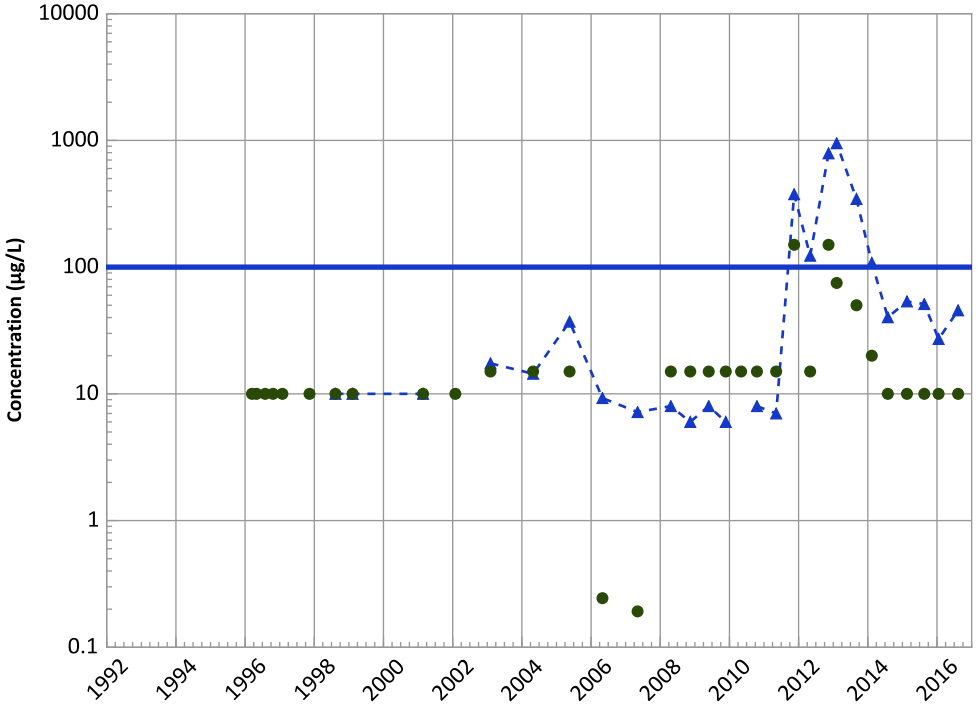
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

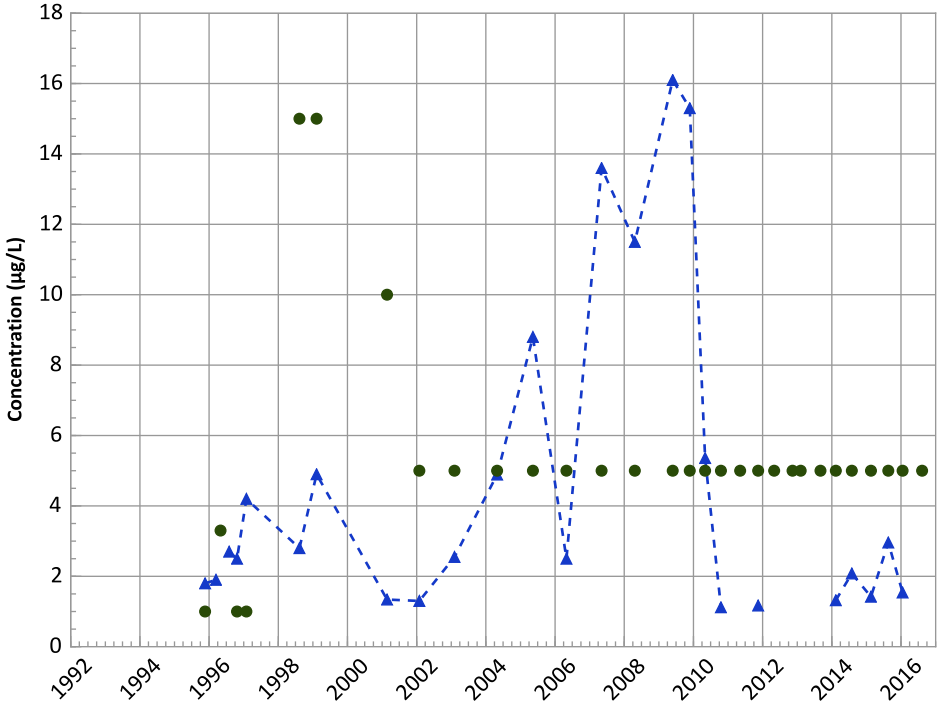


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Manganese Trend



Concentration Trend

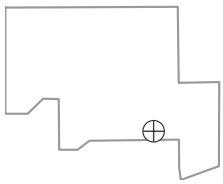
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/20/1995 to 09/28/2016
Analysis Date: 03/07/2017

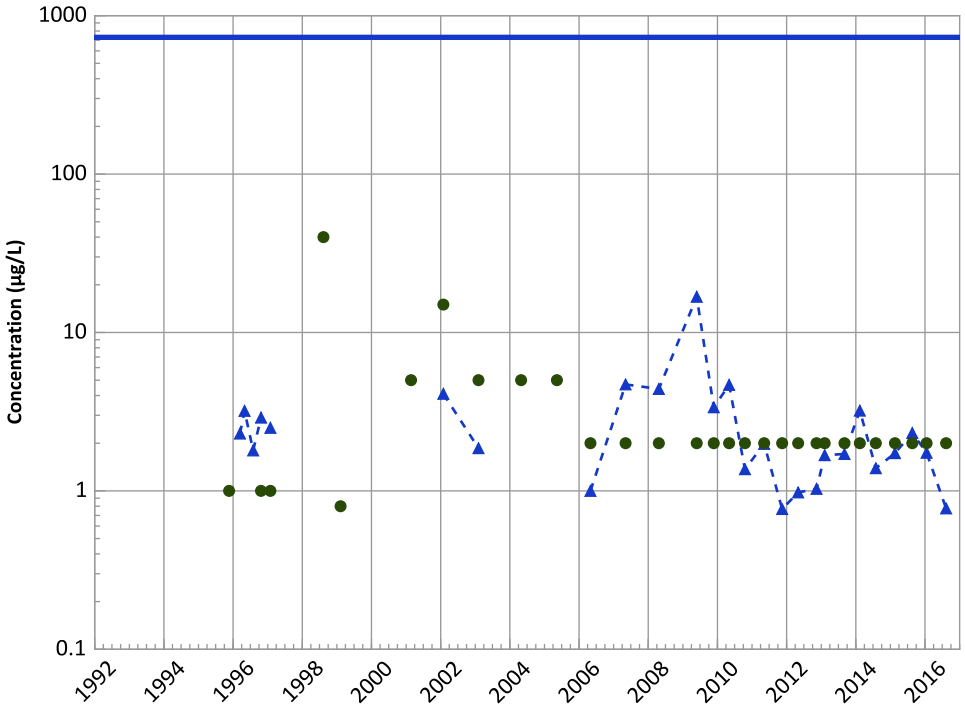
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

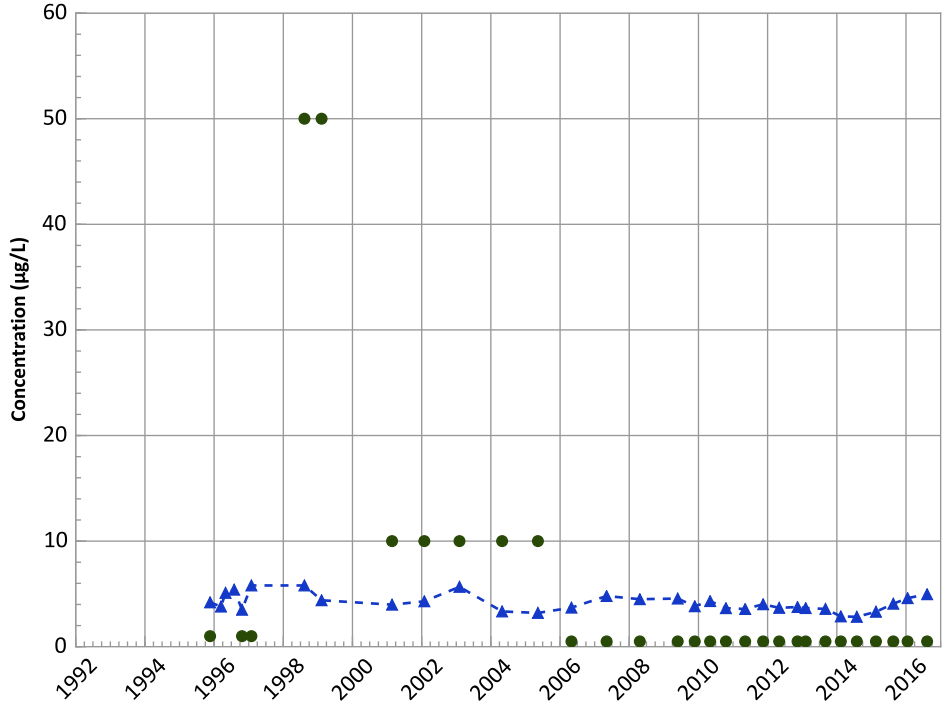


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Decreasing

Molybdenum Trend



Concentration Trend

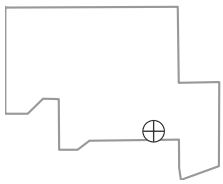
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/20/1995 to 09/28/2016
Analysis Date: 03/07/2017

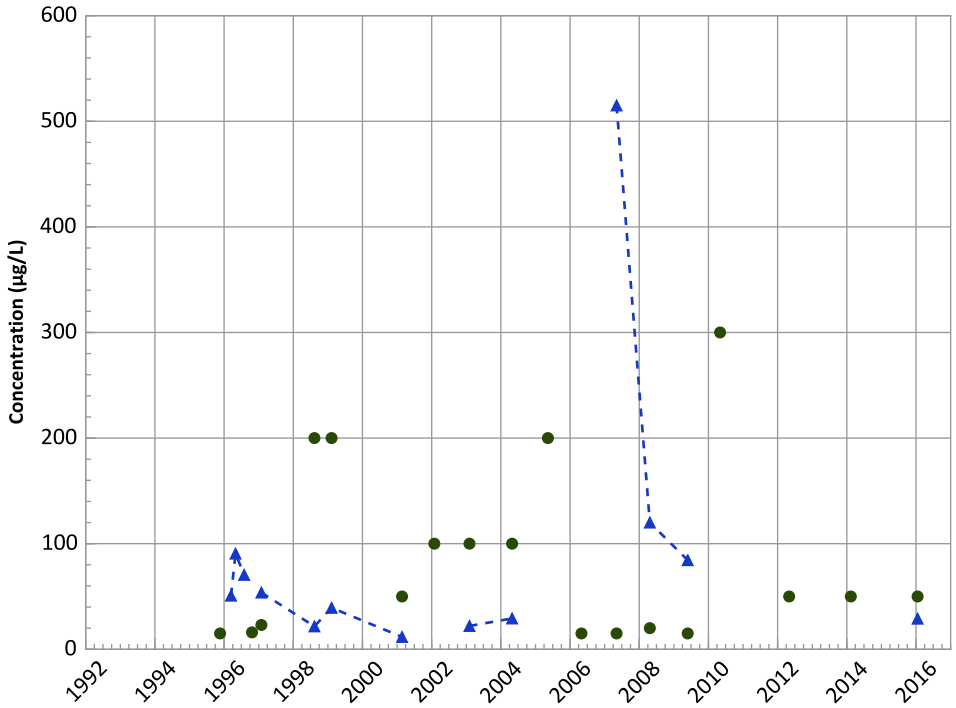
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

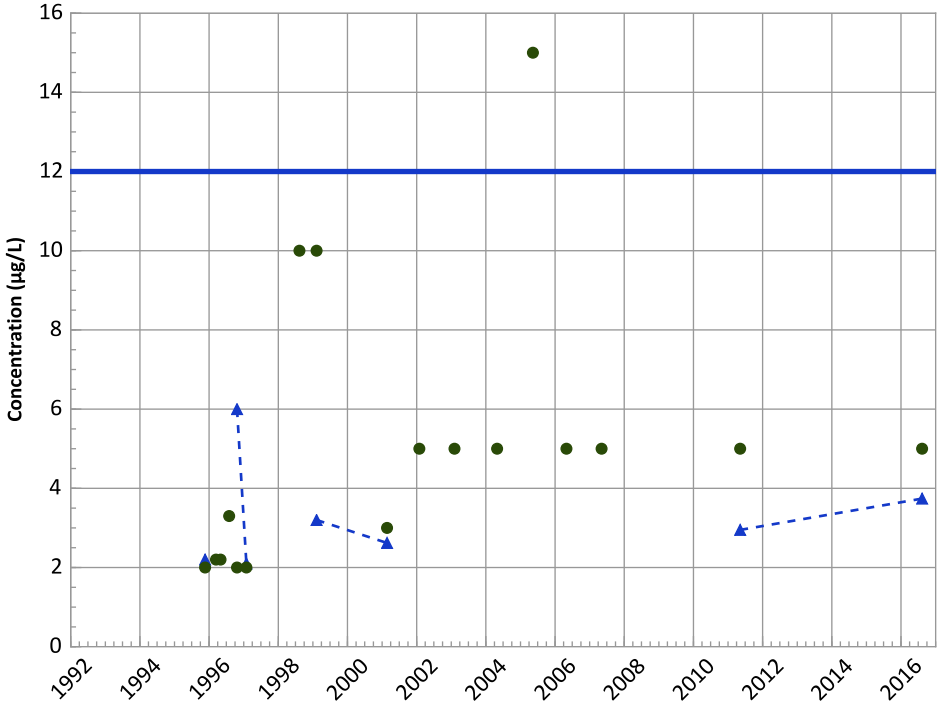


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Arsenic Trend



Concentration Trend

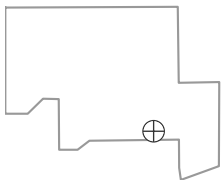
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/20/1995 to 09/28/2016
Analysis Date: 03/07/2017

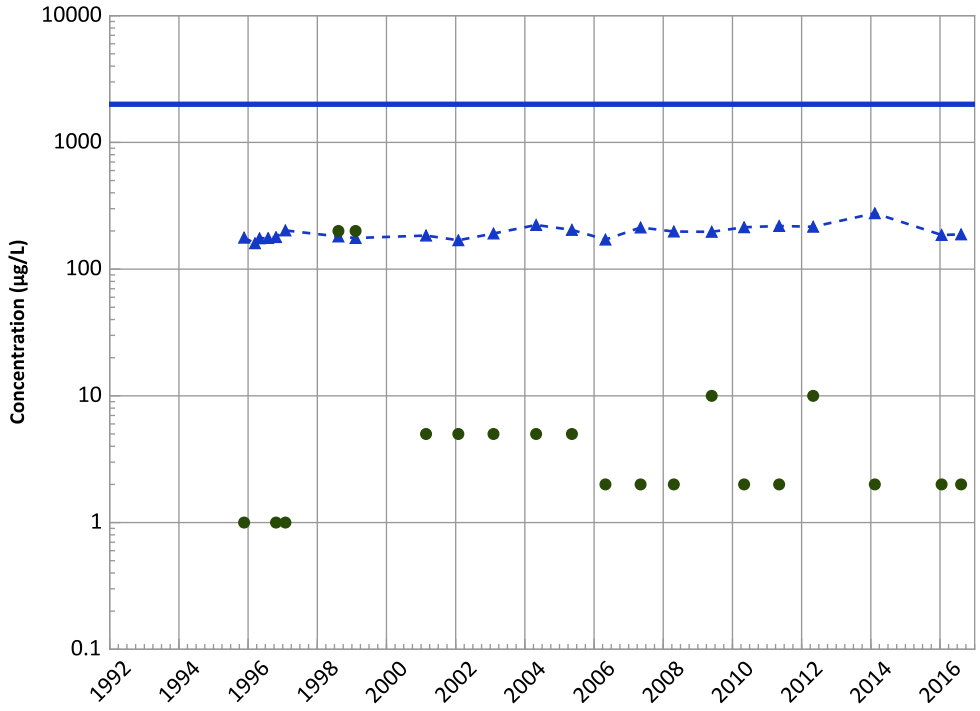
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

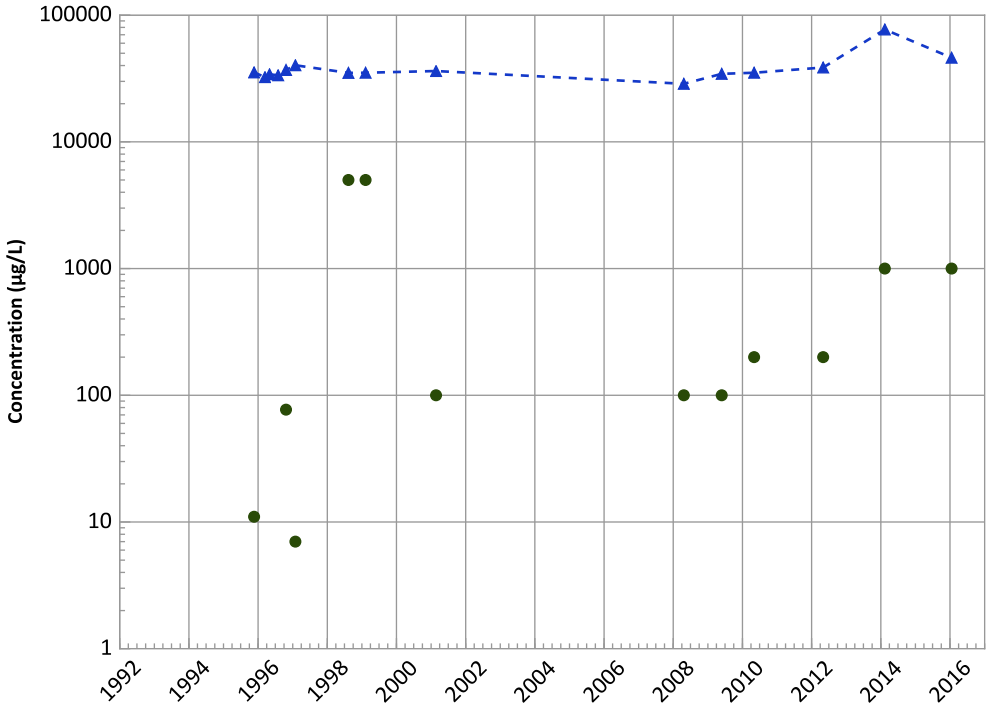


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Calcium Trend



Concentration Trend

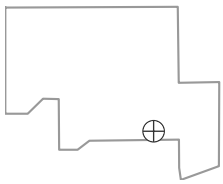
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/20/1995 to 09/28/2016
Analysis Date: 03/07/2017

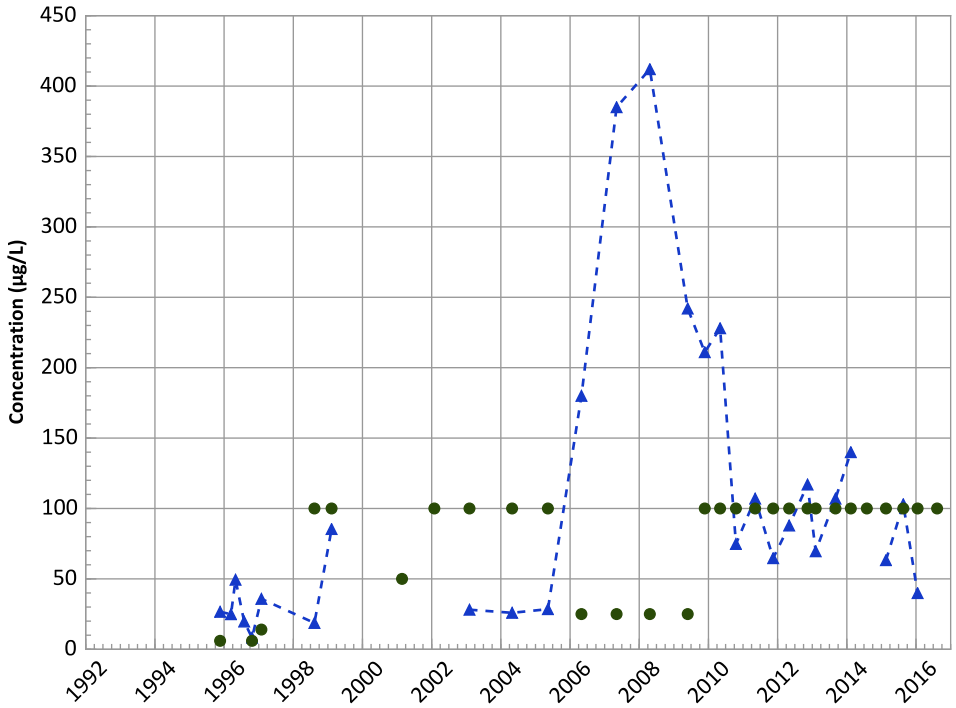
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

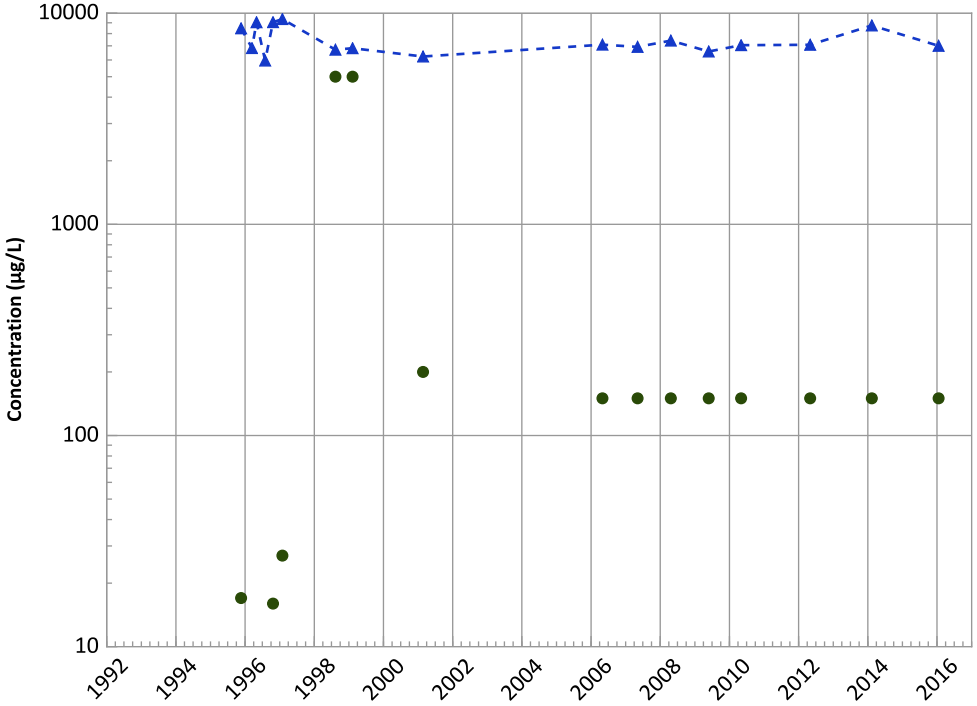


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Potassium Trend



Concentration Trend

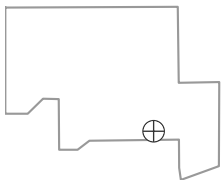
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/20/1995 to 09/28/2016
Analysis Date: 03/07/2017

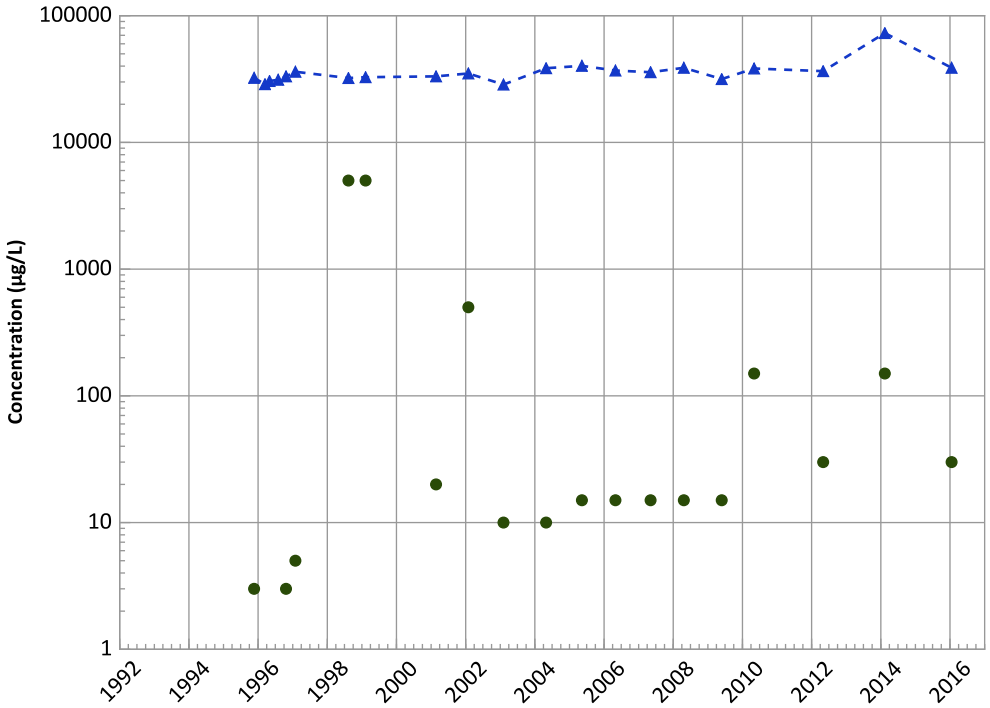
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

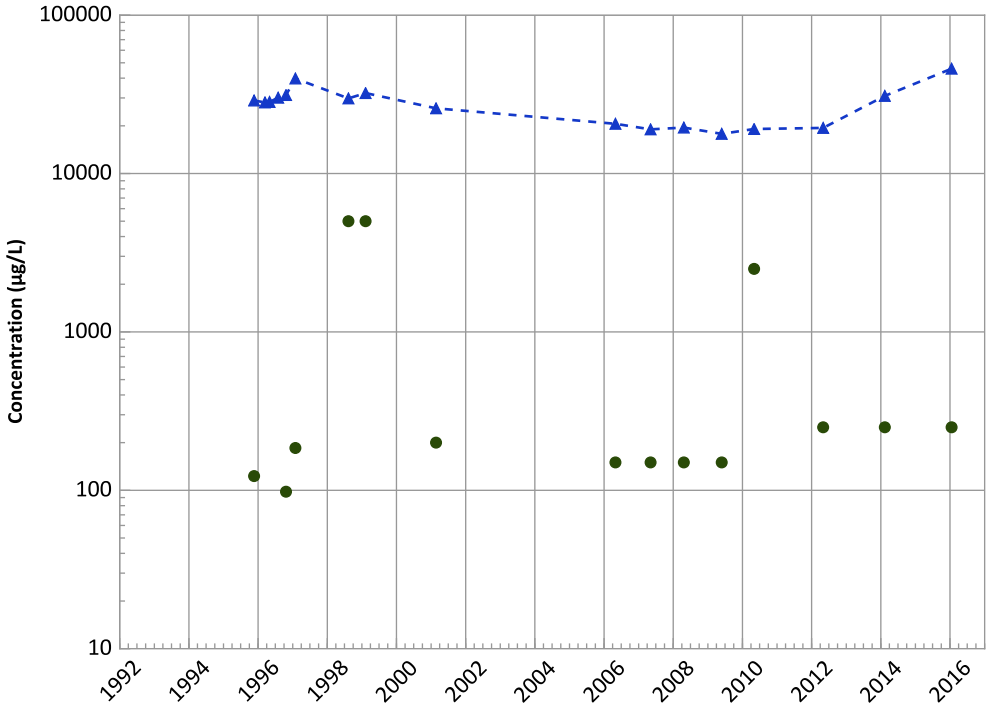


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Sodium Trend



Concentration Trend

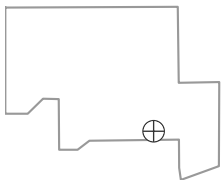
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Stable

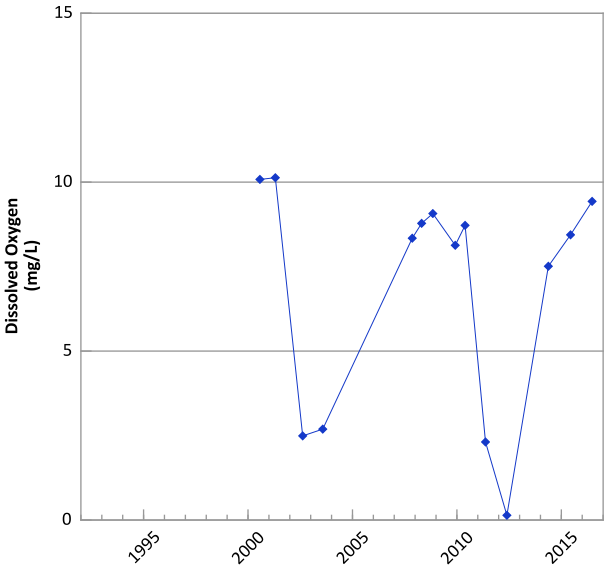
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/20/1995 to 09/28/2016
Analysis Date: 03/07/2017

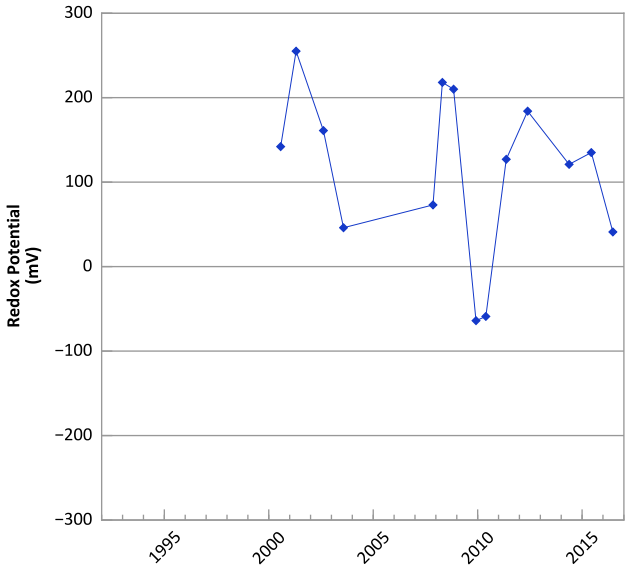
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

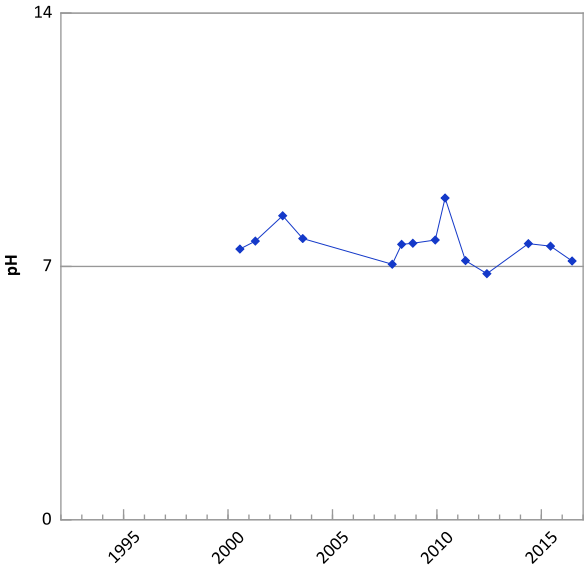
Well Location

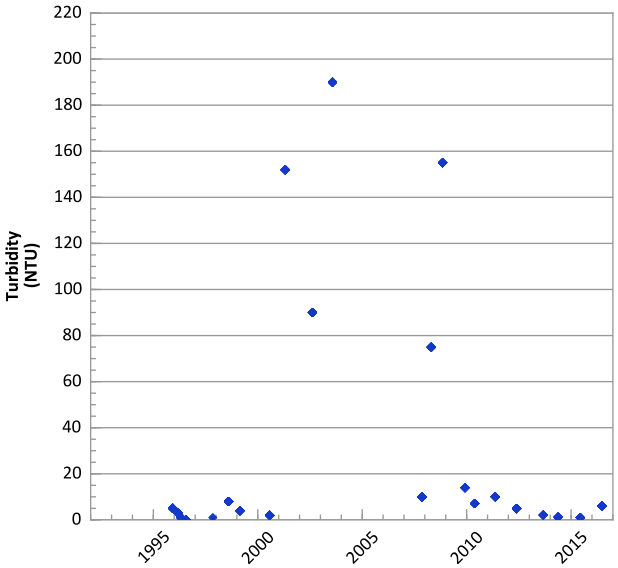


PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



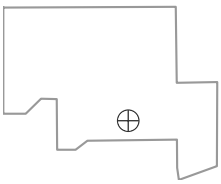






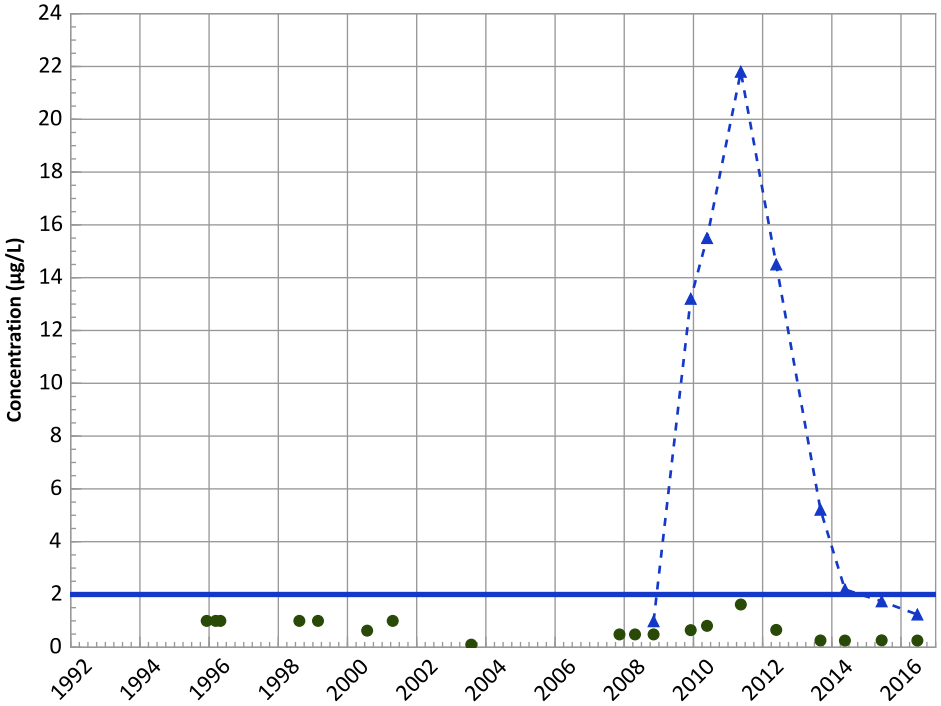
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/22/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

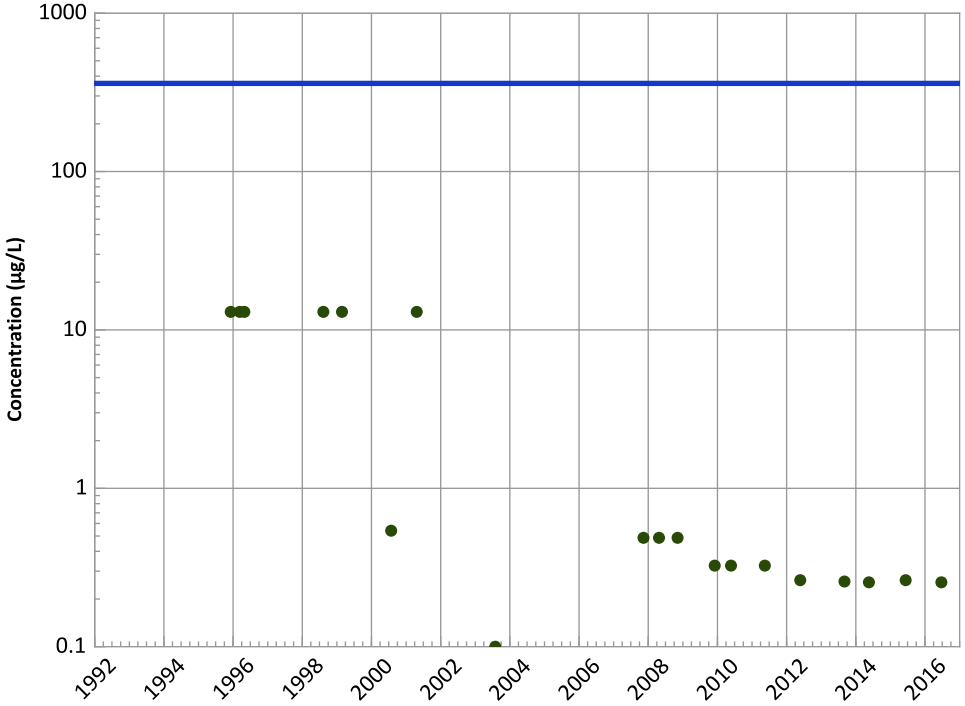


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Stable

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

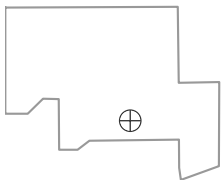
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/22/2016
Analysis Date: 03/07/2017

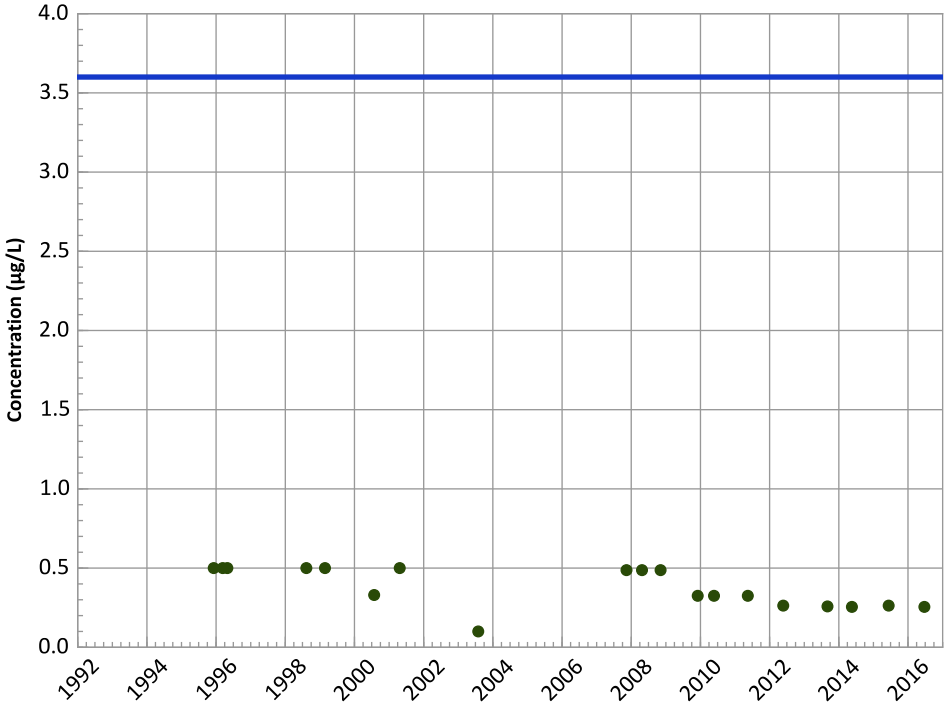
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

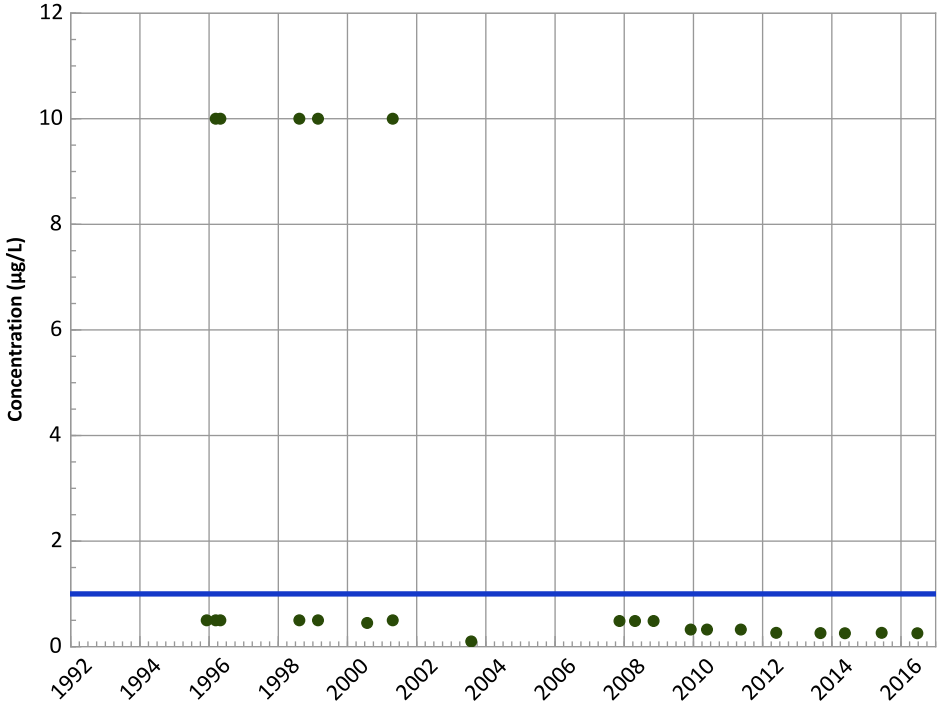


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

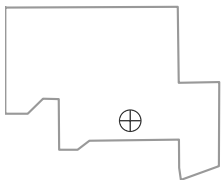
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/22/2016
Analysis Date: 03/07/2017

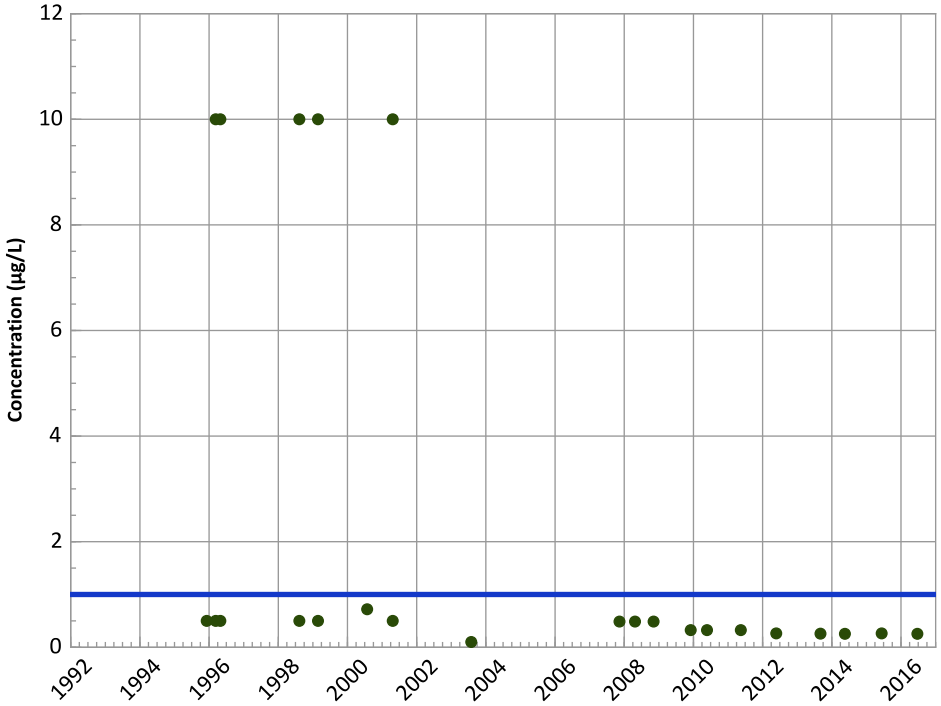
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

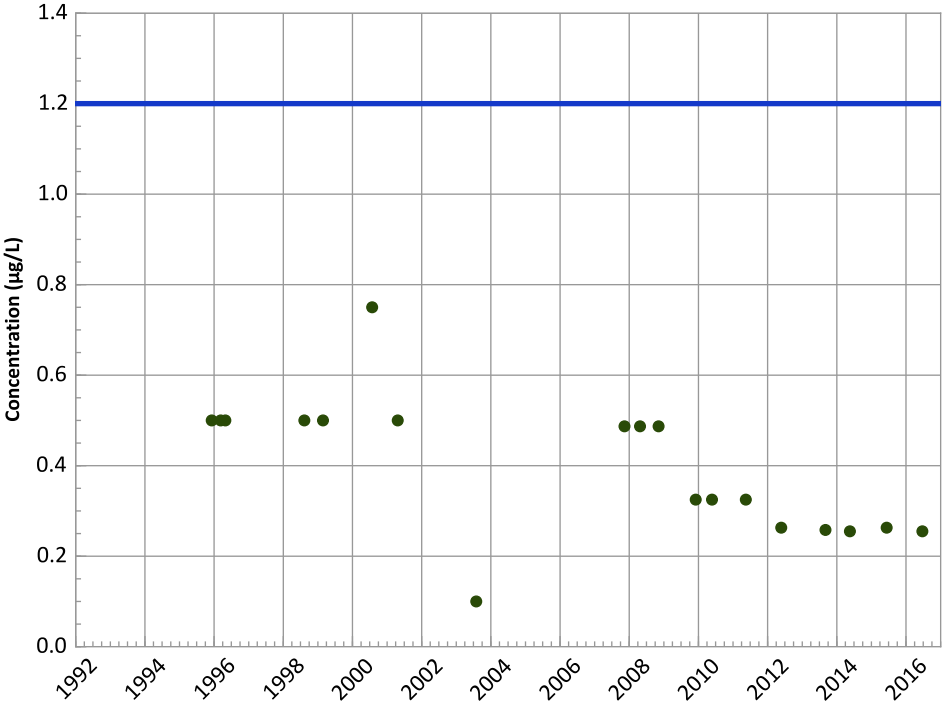


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

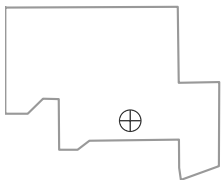
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/22/2016
Analysis Date: 03/07/2017

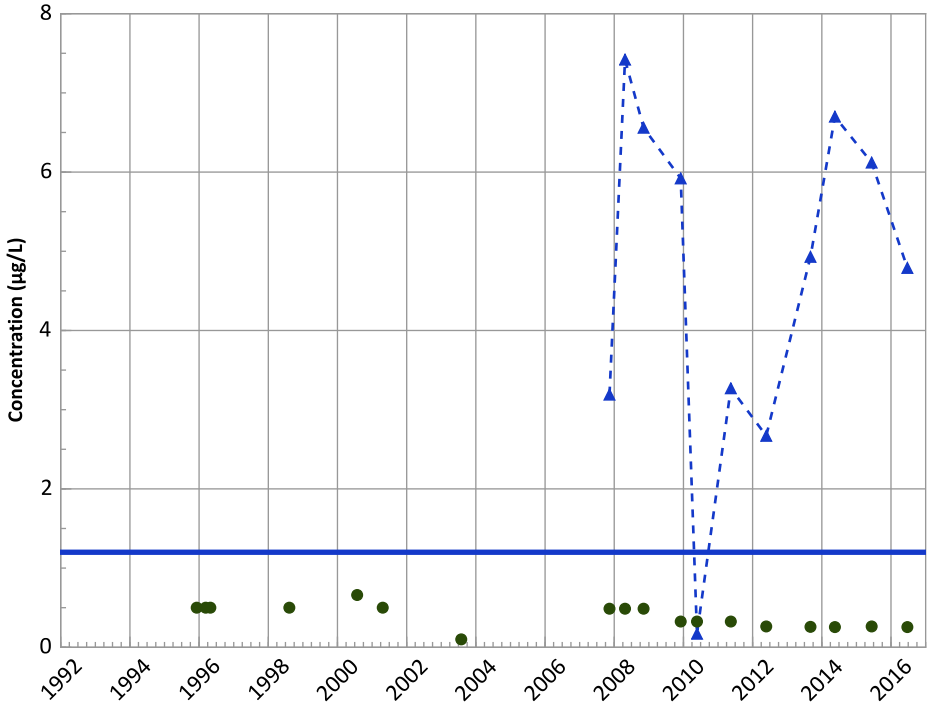
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

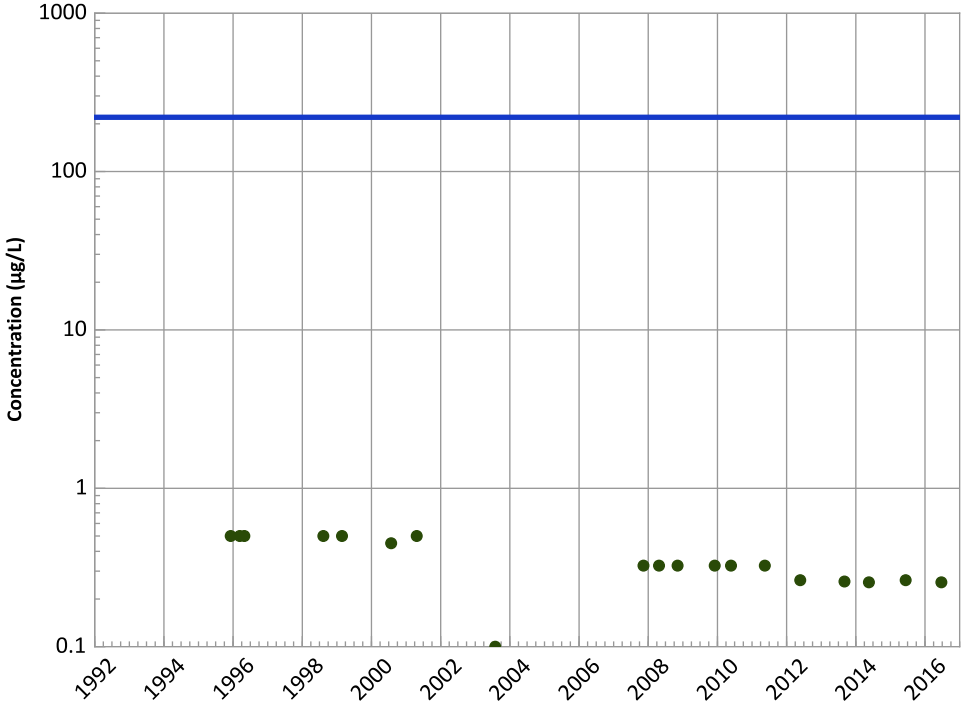


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

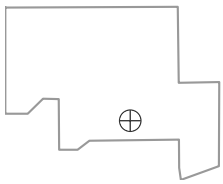
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/22/2016
Analysis Date: 03/07/2017

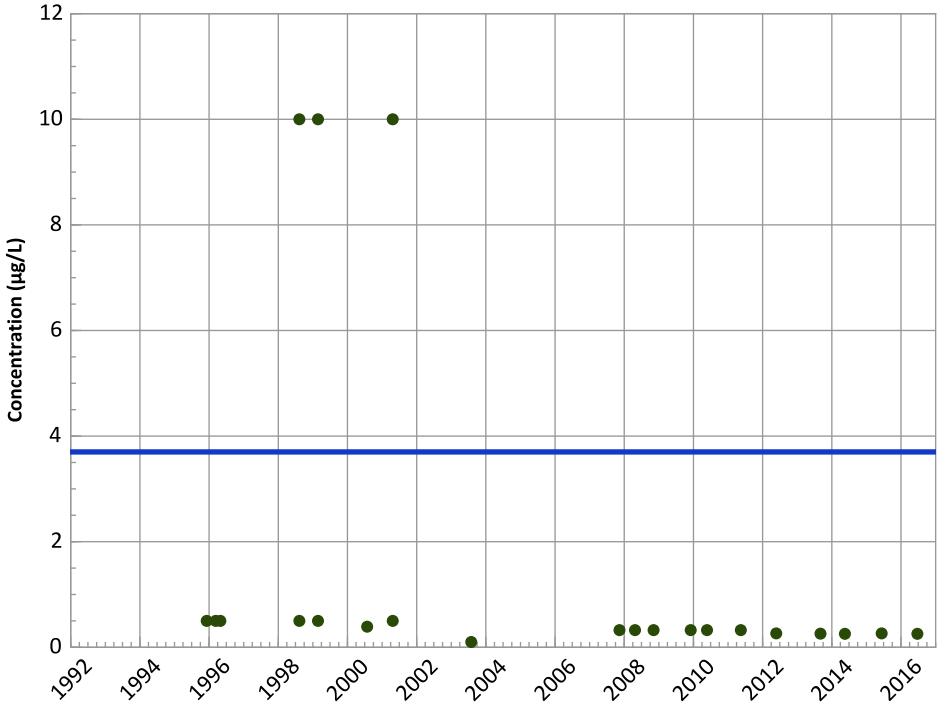
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

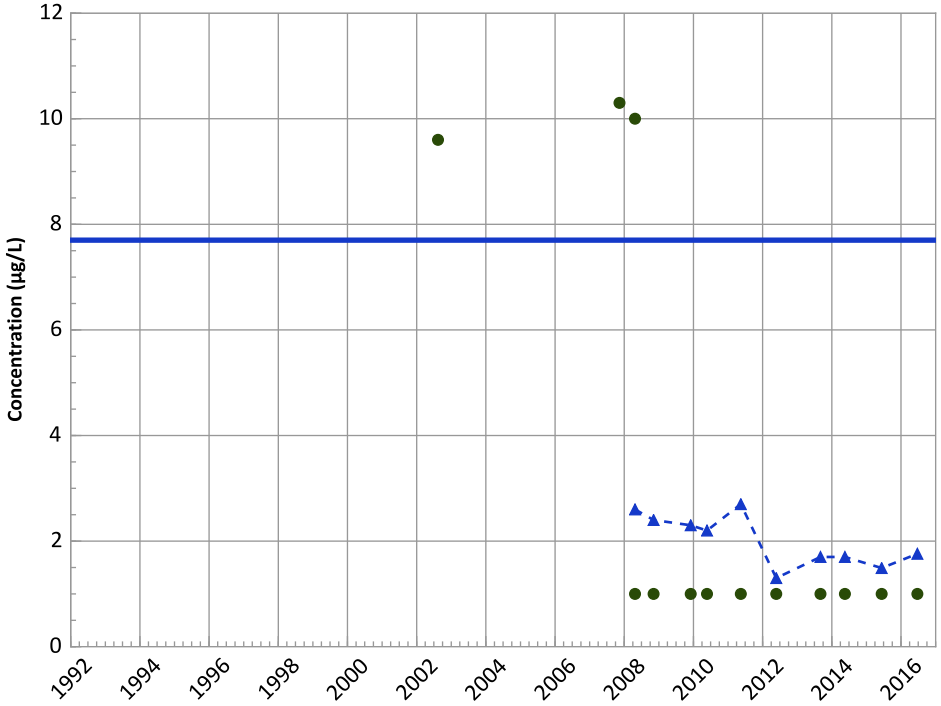


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

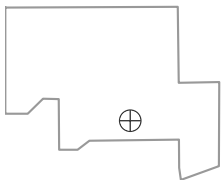
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/22/2016
Analysis Date: 03/07/2017

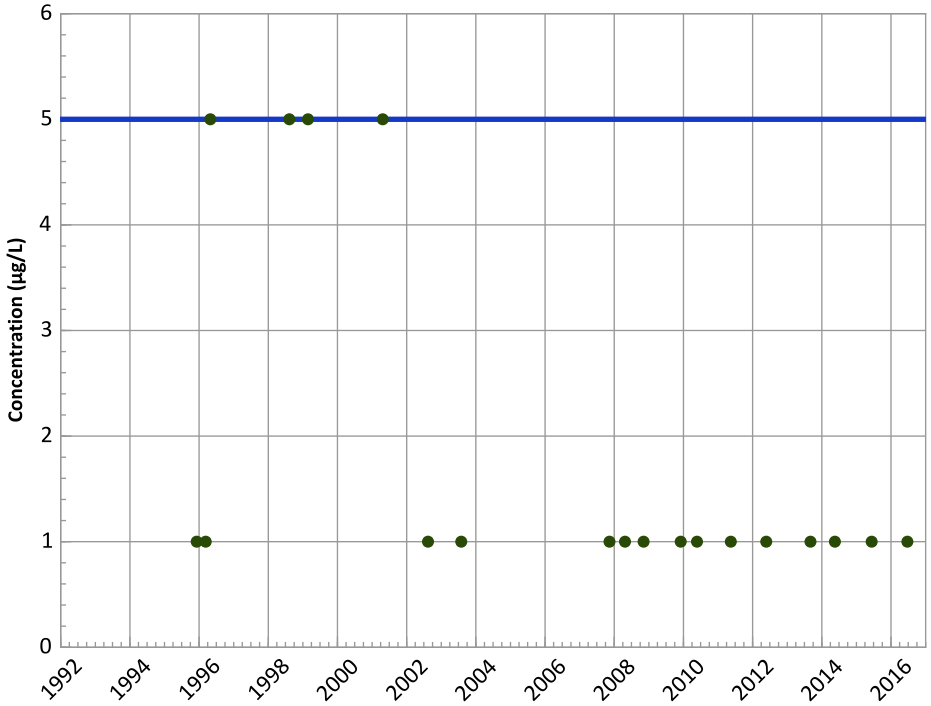
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

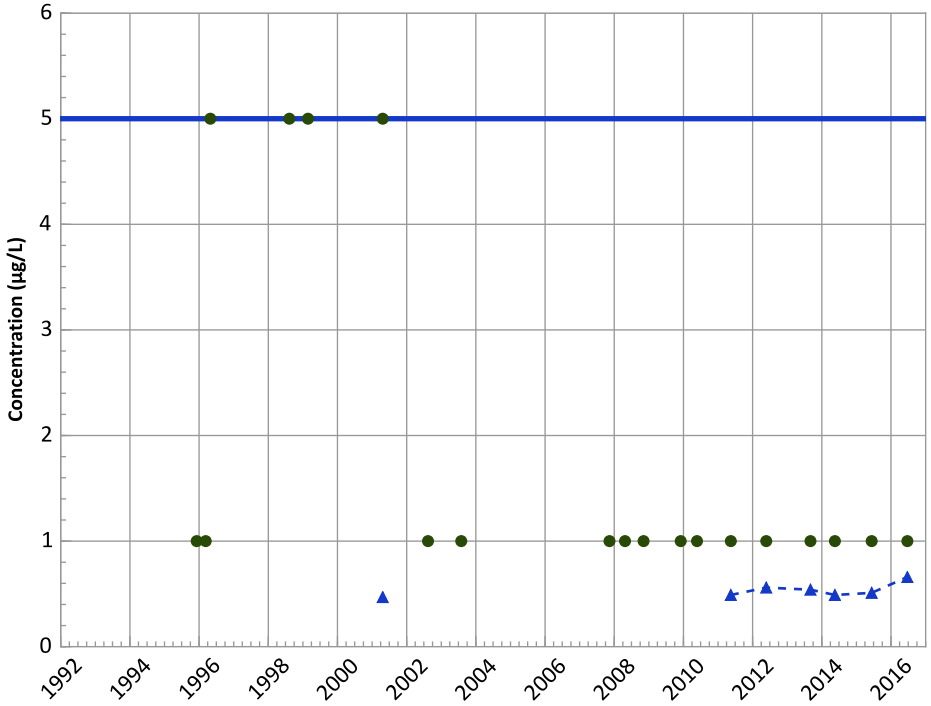


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

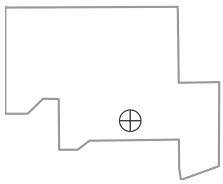
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/22/2016
Analysis Date: 03/07/2017

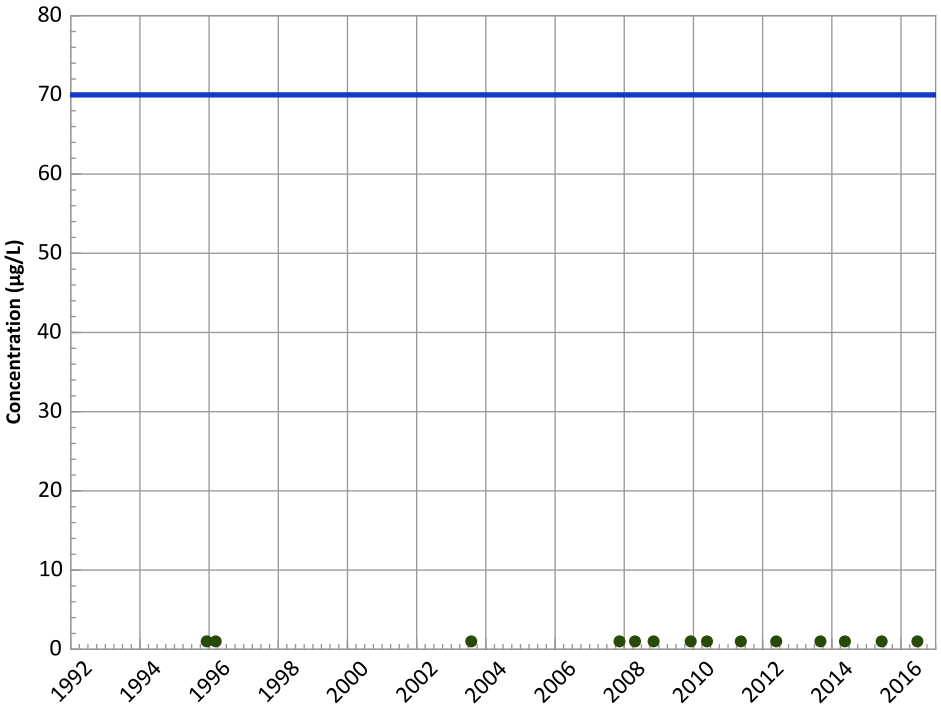
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

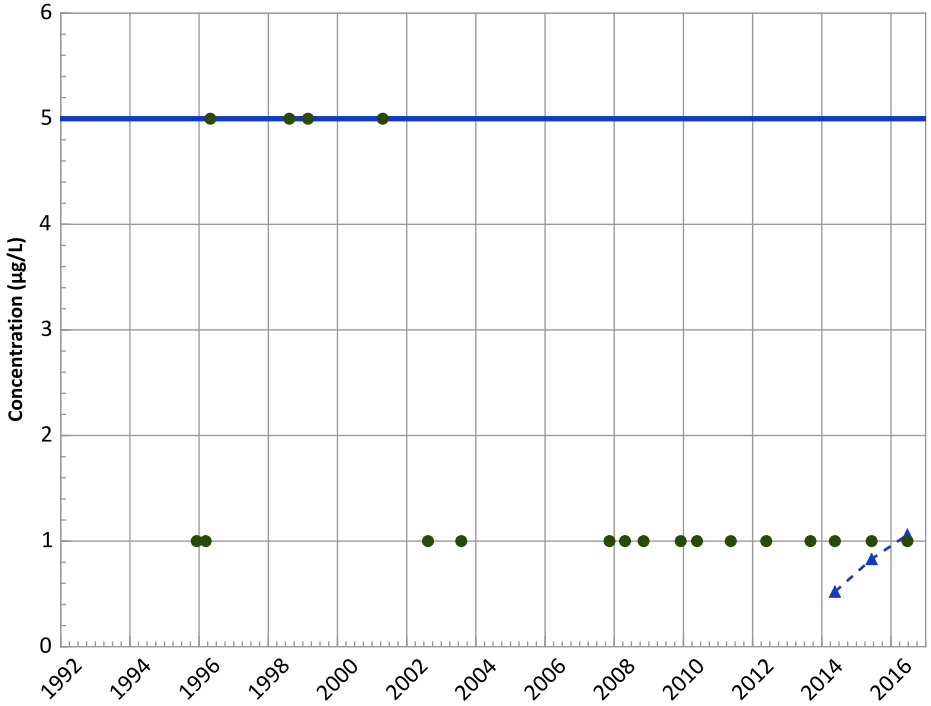


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

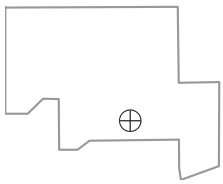
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/22/2016
Analysis Date: 03/07/2017

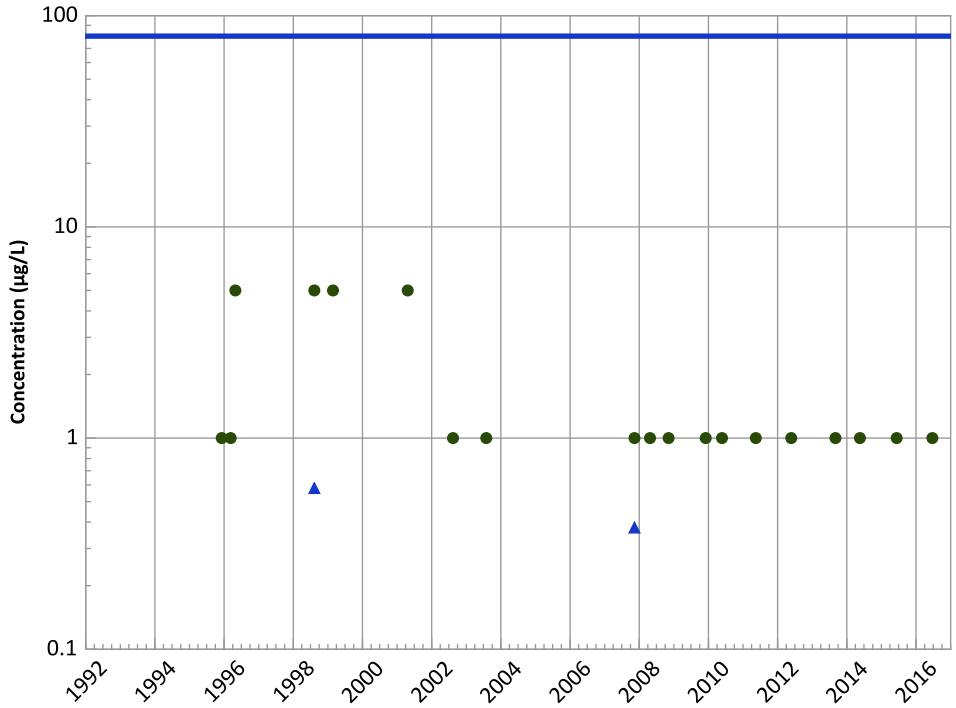
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

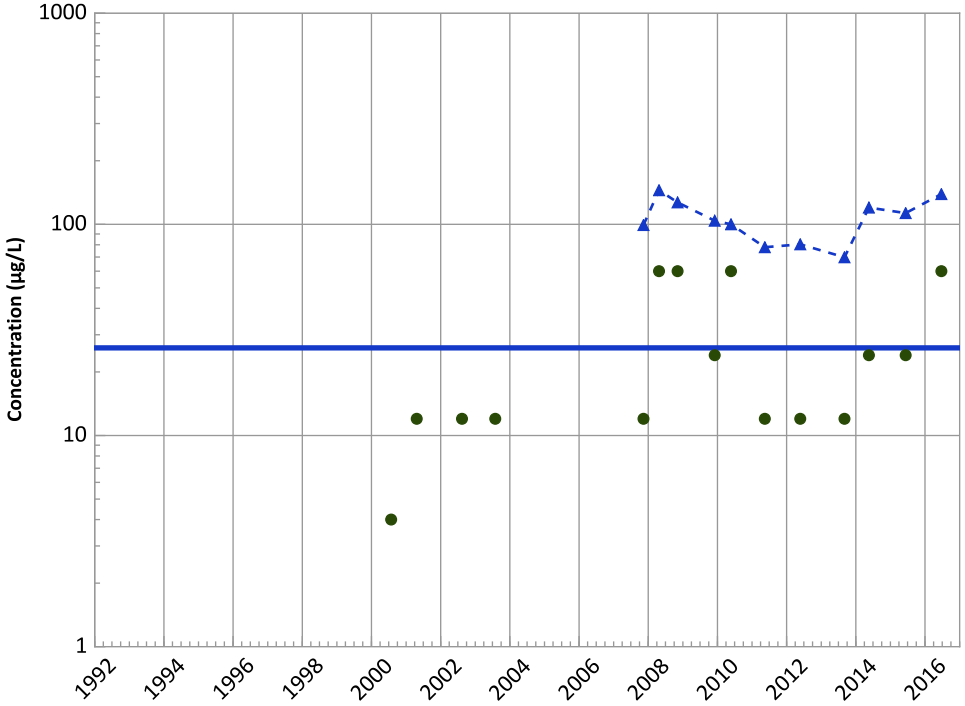


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Perchlorate Trend



Concentration Trend

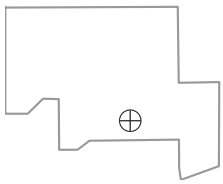
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/22/2016
Analysis Date: 03/07/2017

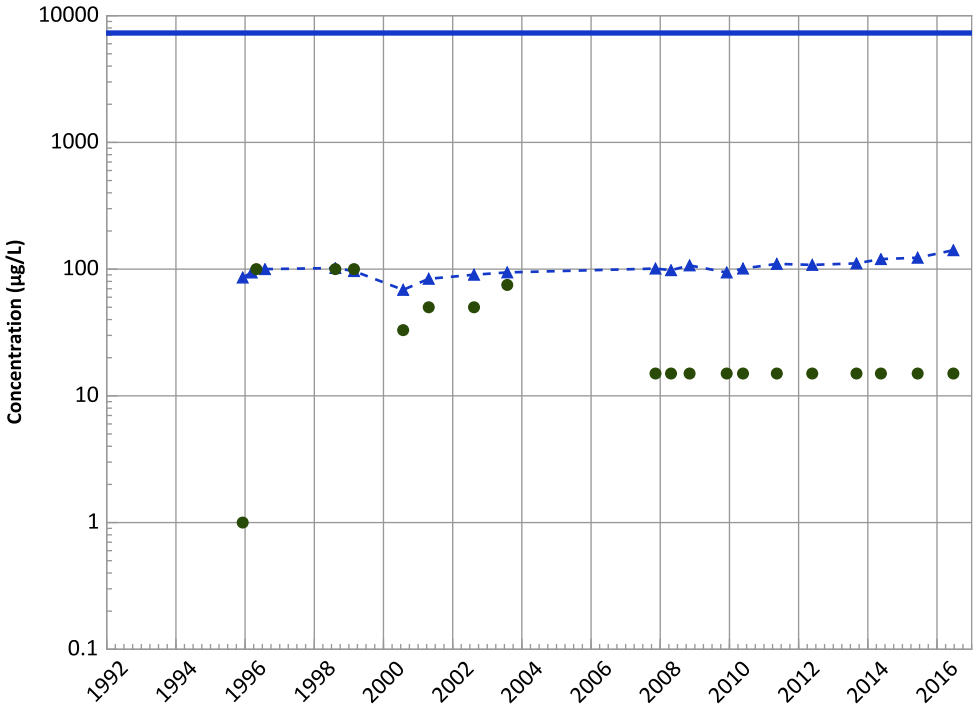
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

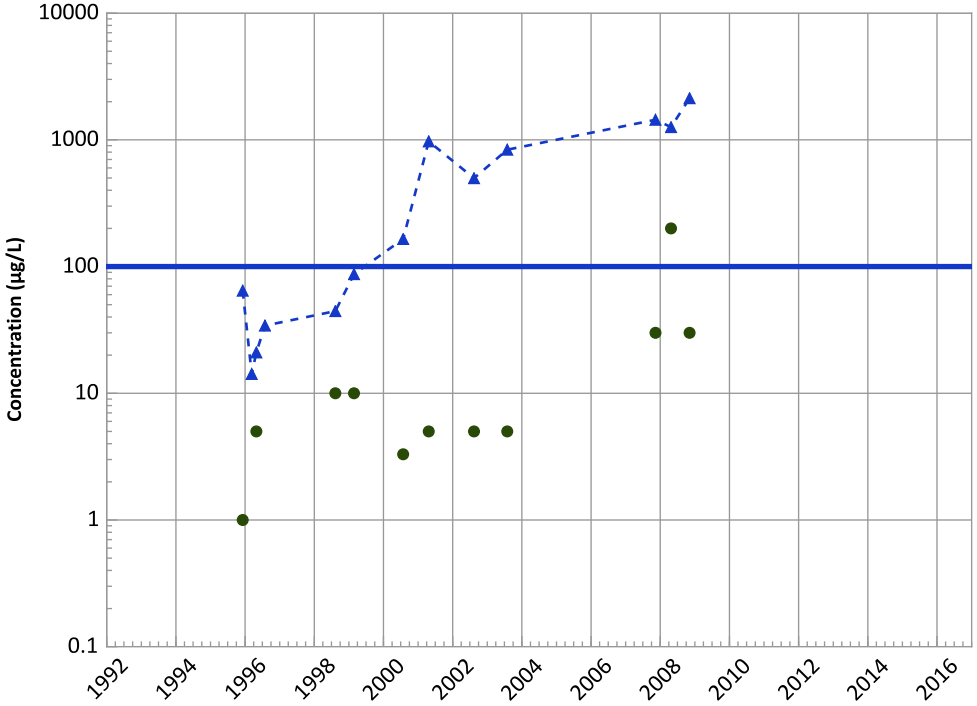


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Chromium, Total Trend



Concentration Trend

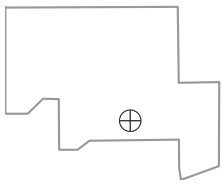
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/22/2016
Analysis Date: 03/07/2017

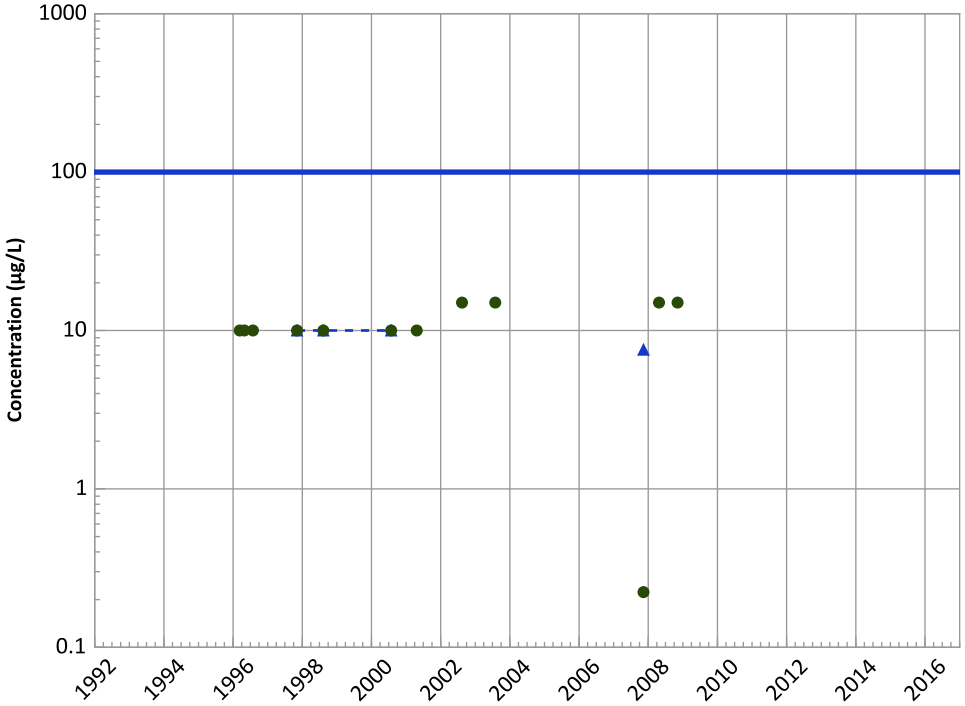
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

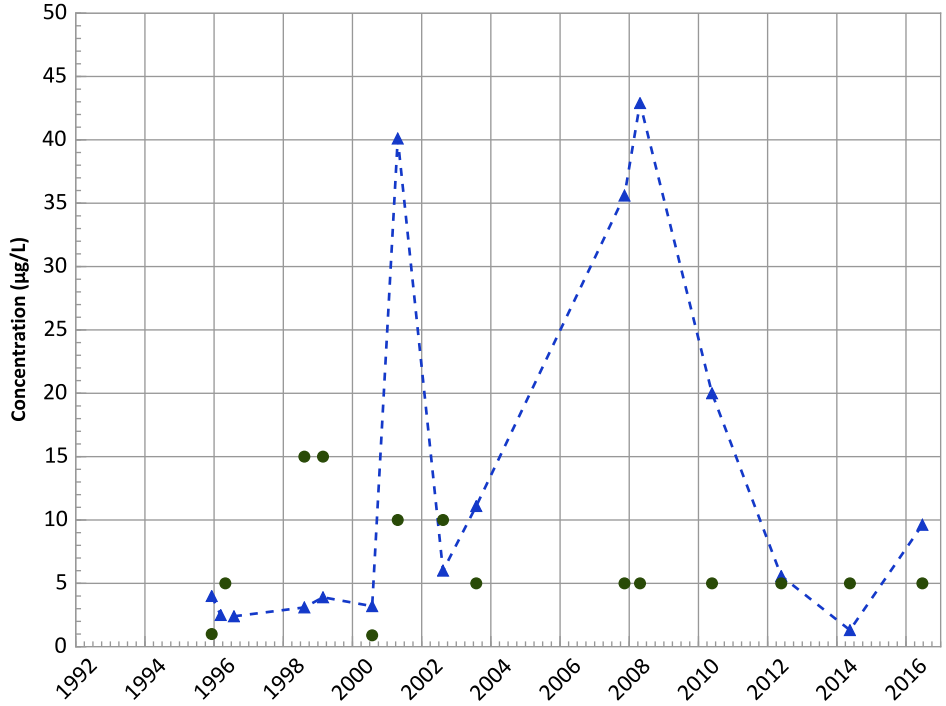


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Manganese Trend



Concentration Trend

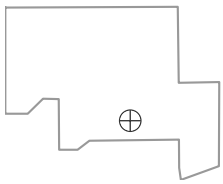
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/22/2016
Analysis Date: 03/07/2017

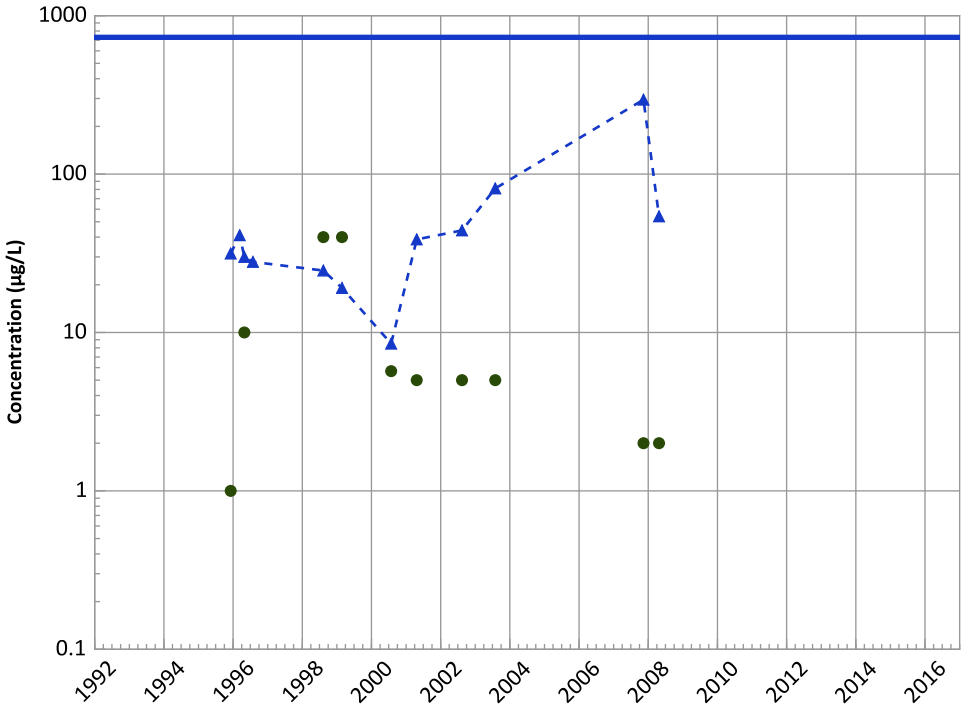
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

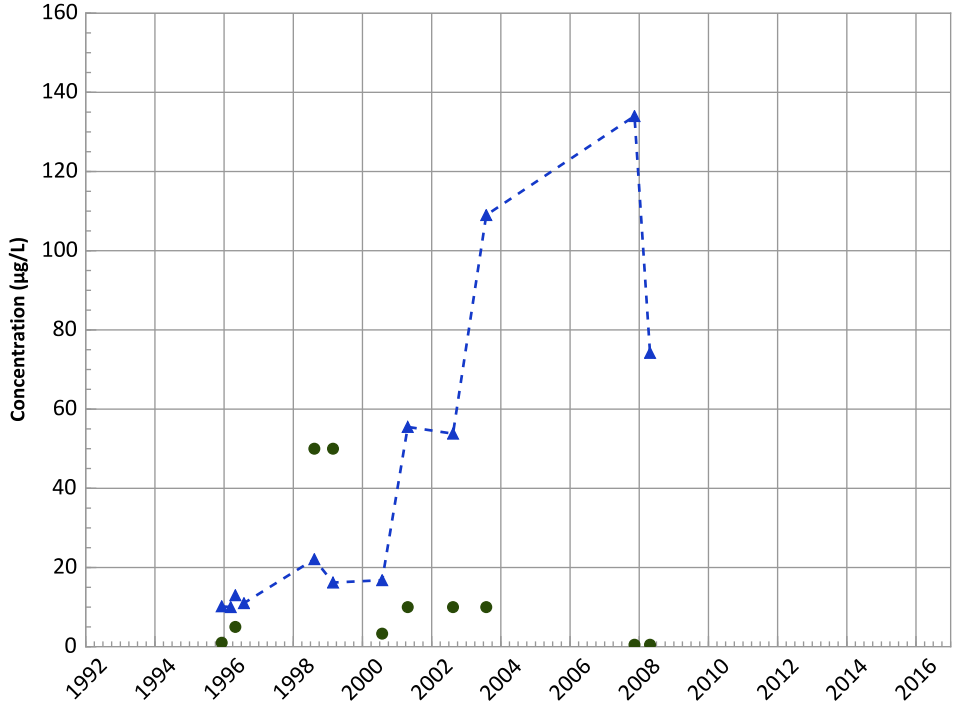


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Molybdenum Trend



Concentration Trend

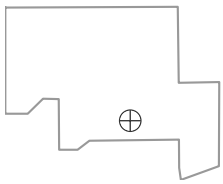
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/22/2016
Analysis Date: 03/07/2017

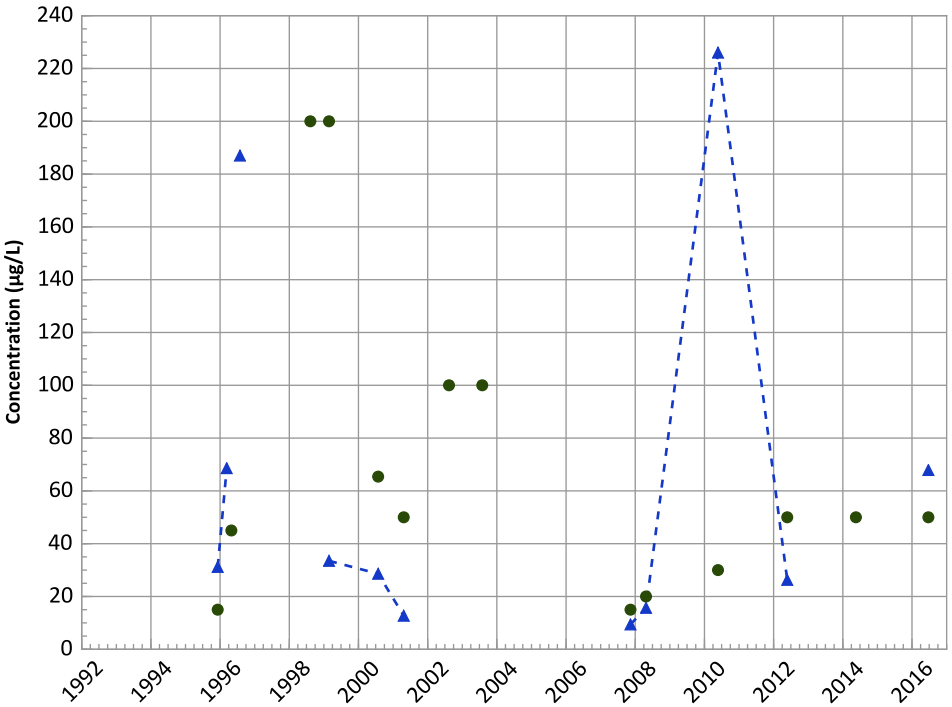
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

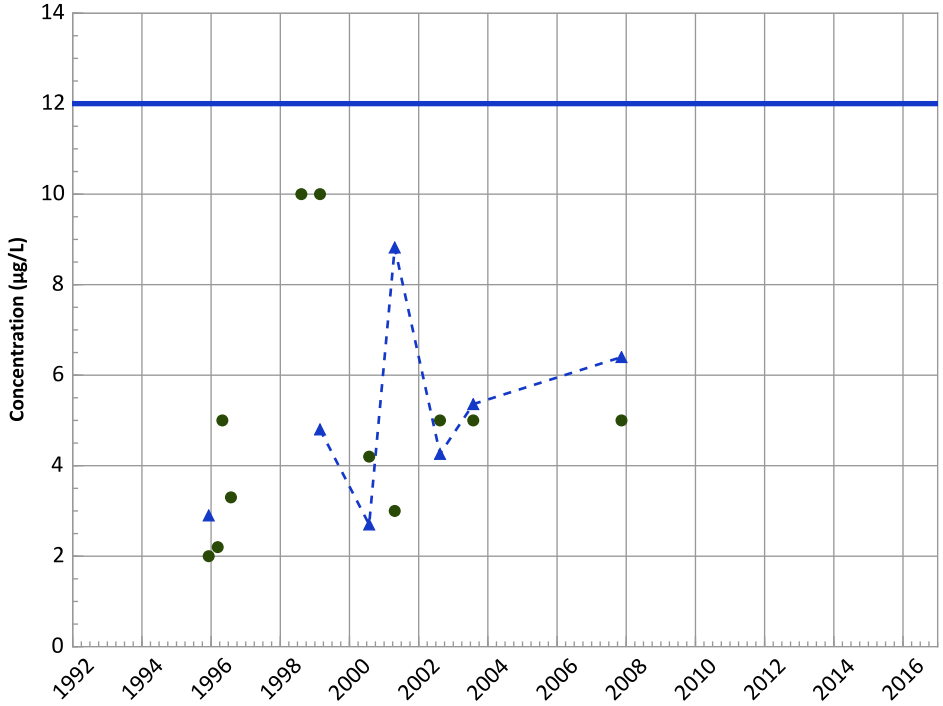


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Arsenic Trend



Concentration Trend

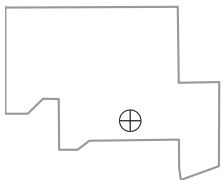
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/22/2016
Analysis Date: 03/07/2017

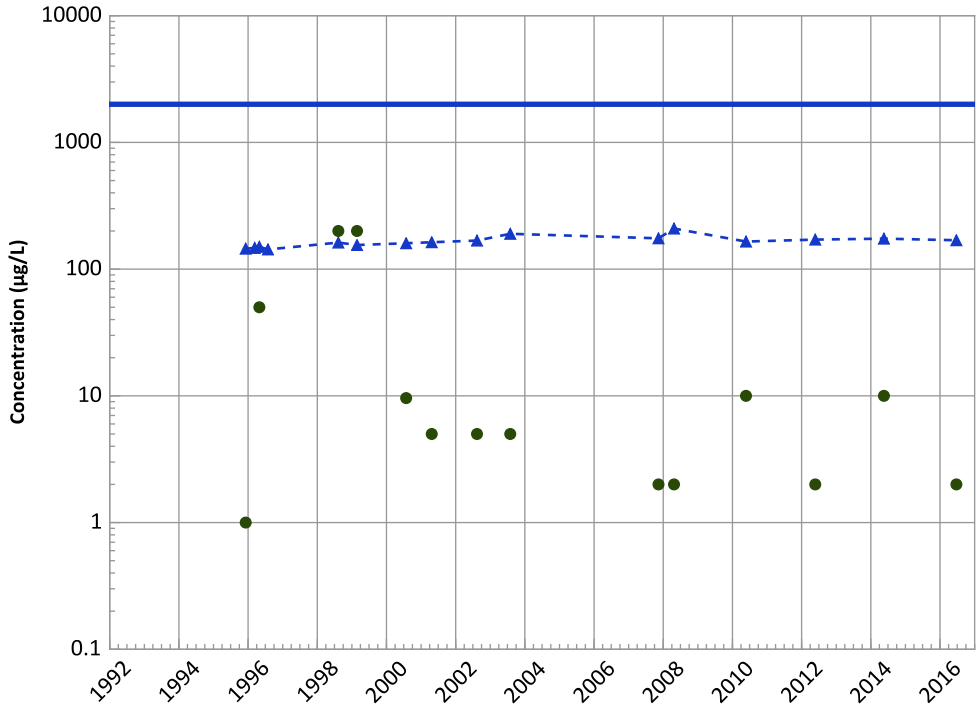
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

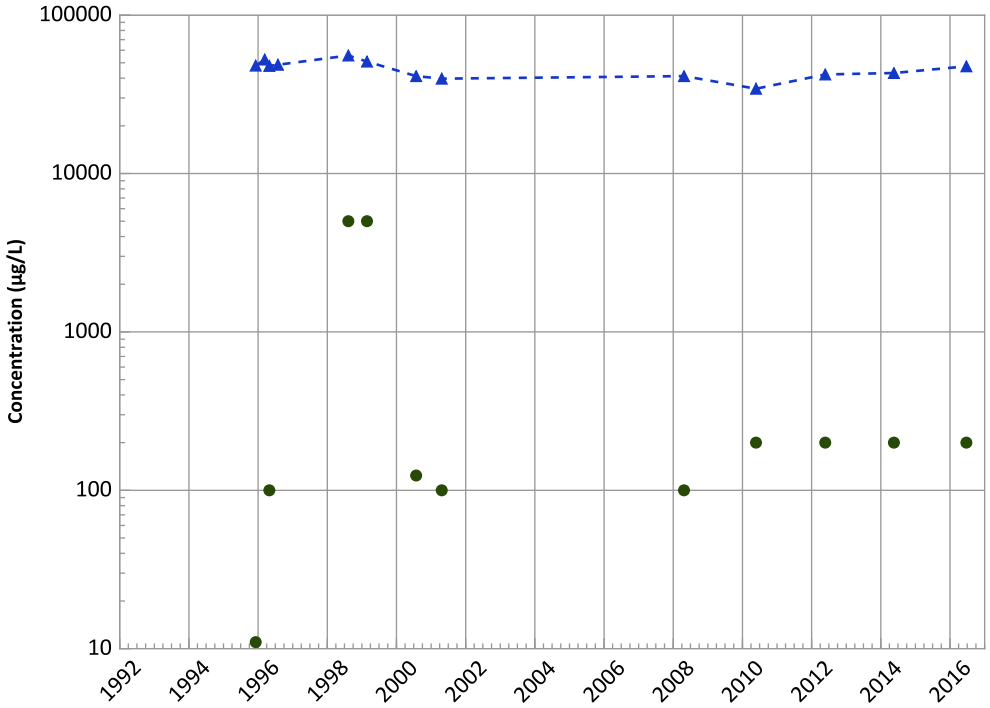


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Calcium Trend



Concentration Trend

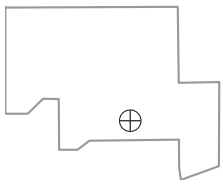
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/22/2016
Analysis Date: 03/07/2017

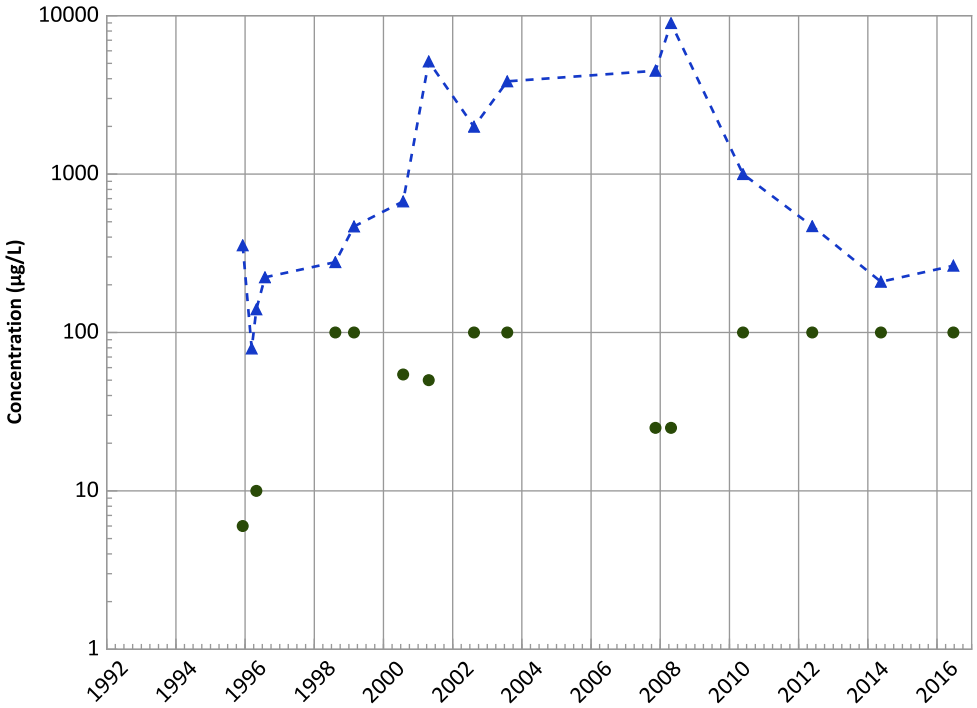
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

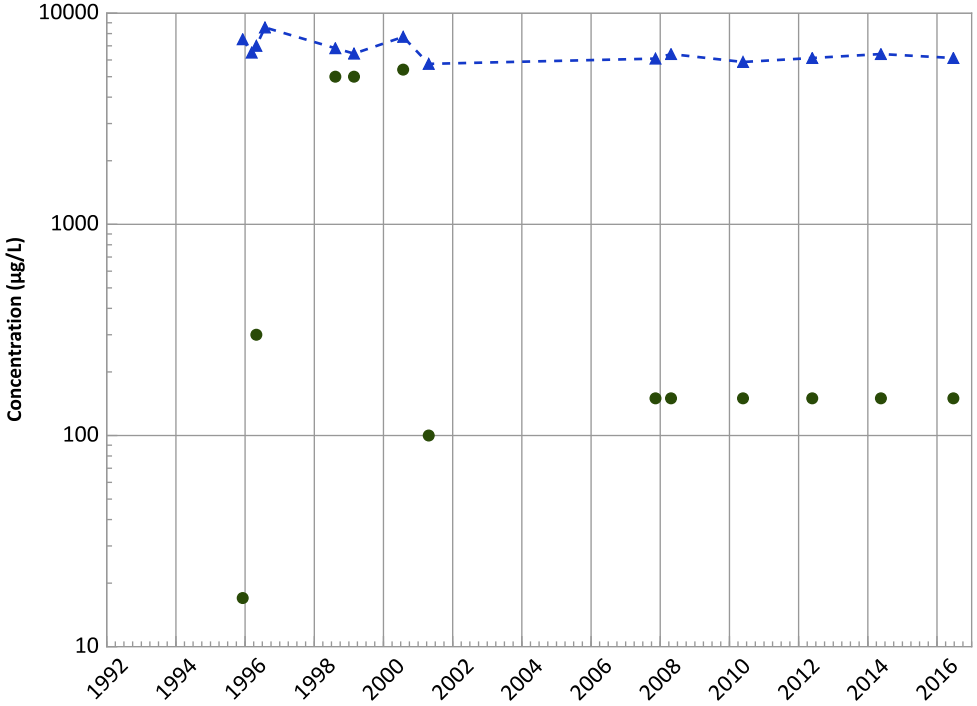


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
No Trend

Potassium Trend



Concentration Trend

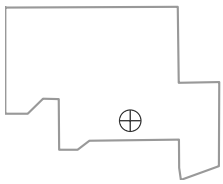
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/22/2016
Analysis Date: 03/07/2017

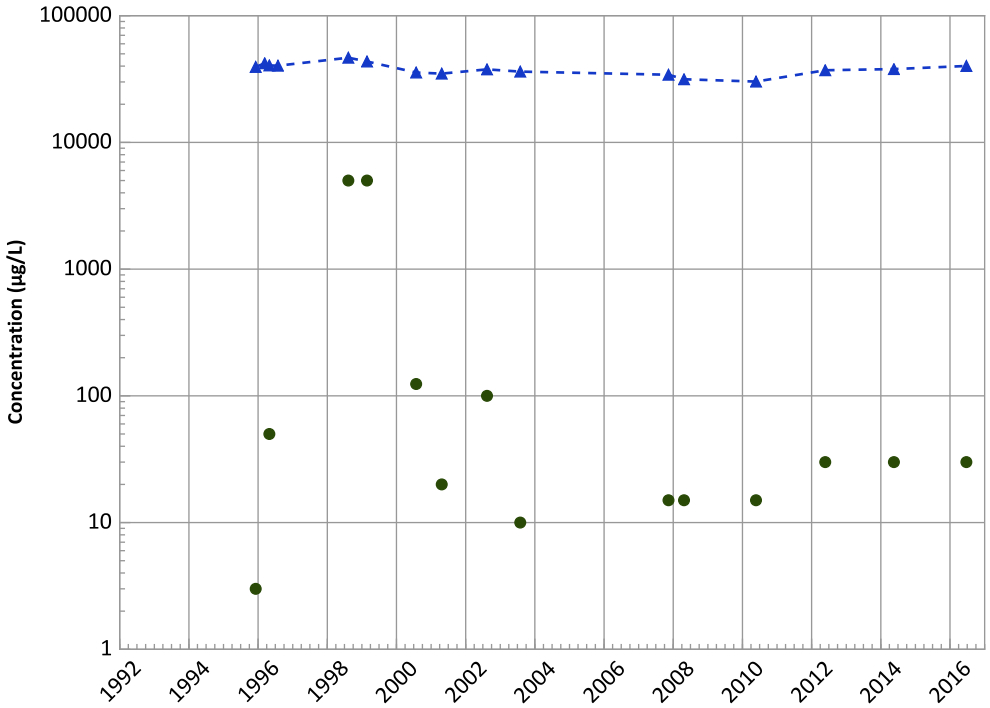
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

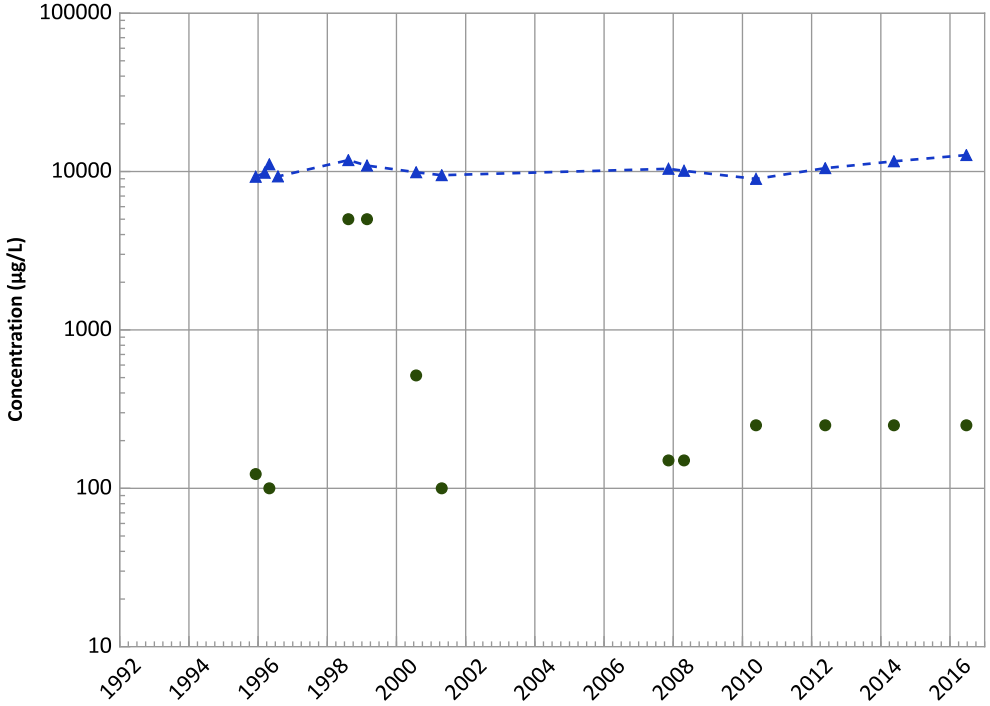


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Sodium Trend



Concentration Trend

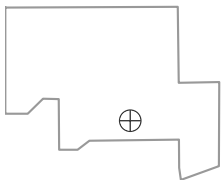
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Probably Increasing

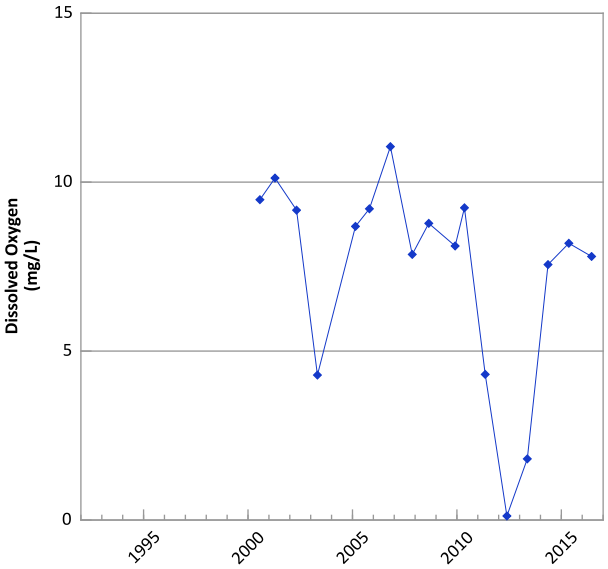
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/22/2016
Analysis Date: 03/07/2017

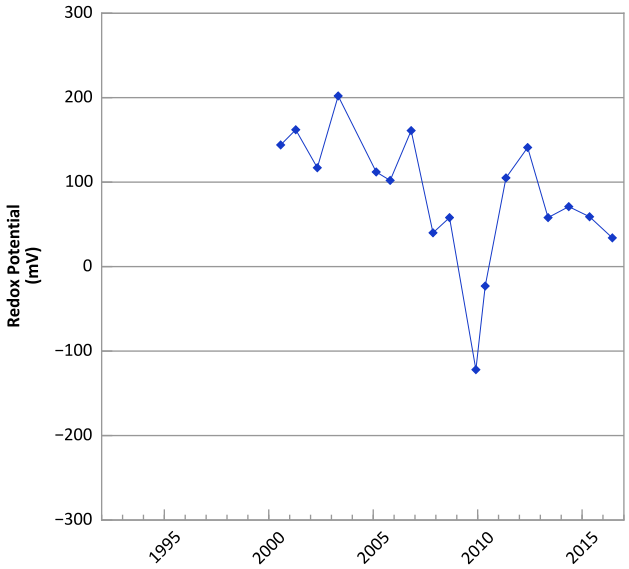
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

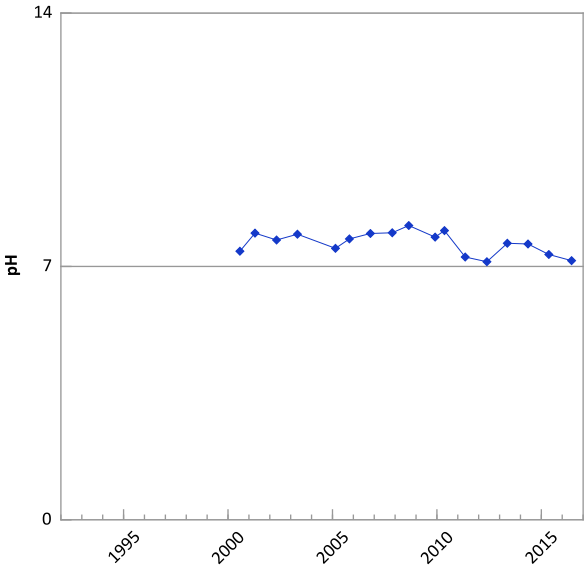
Well Location

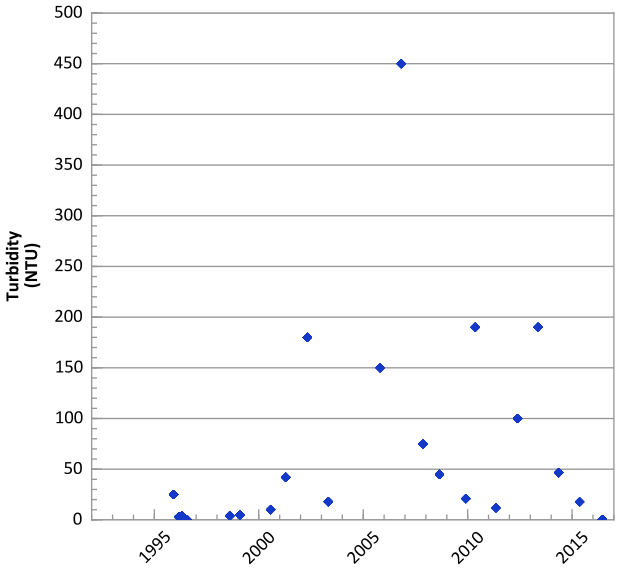


PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



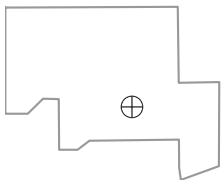






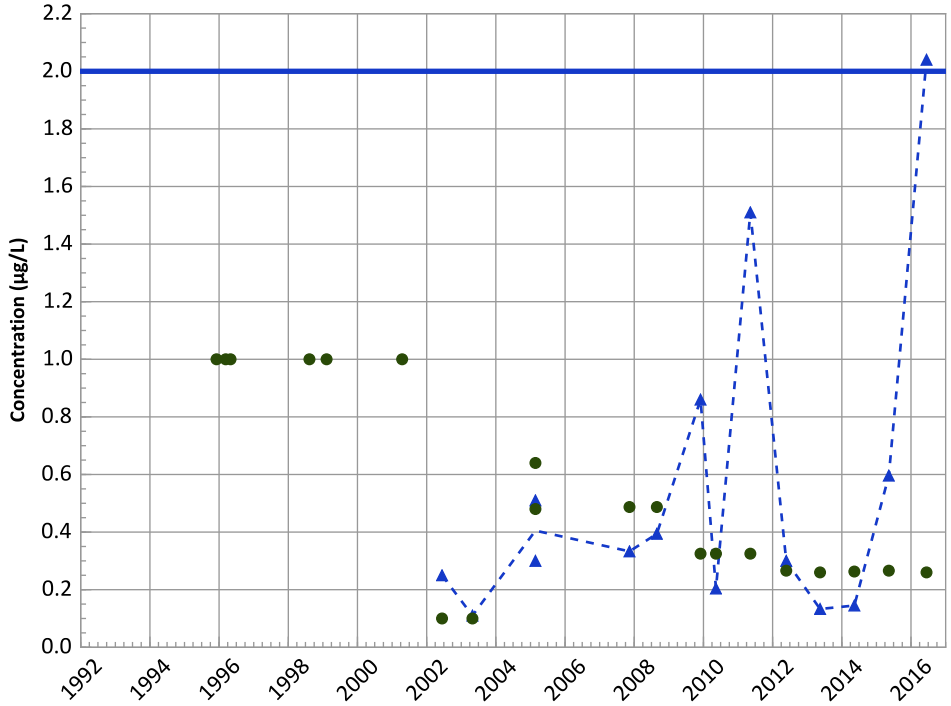
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 06/13/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

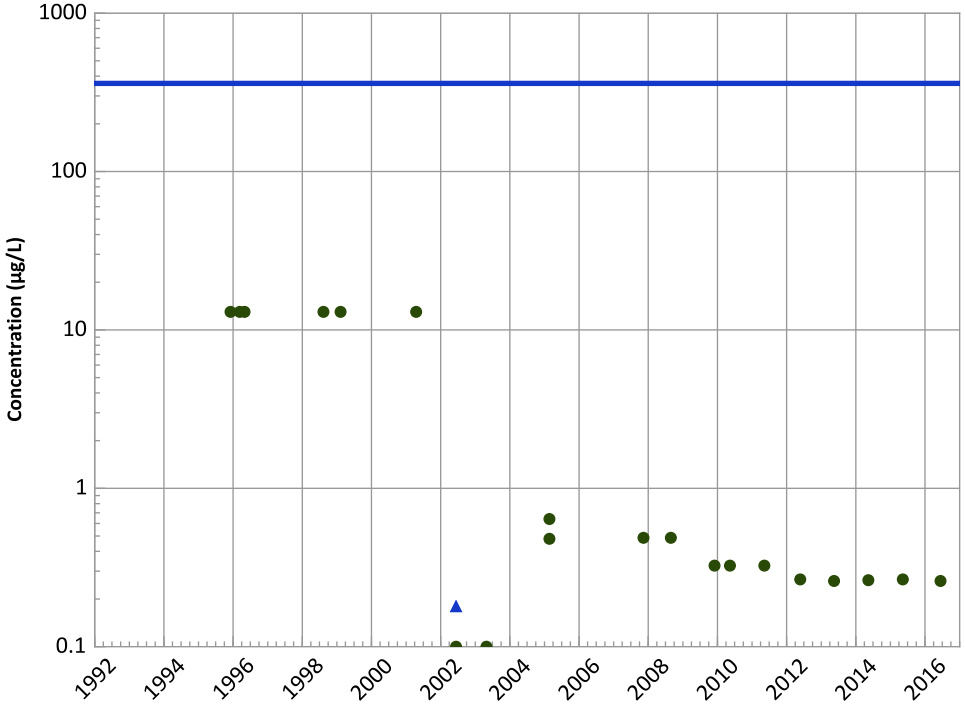


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

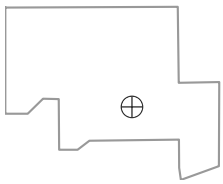
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 06/13/2016
Analysis Date: 03/07/2017

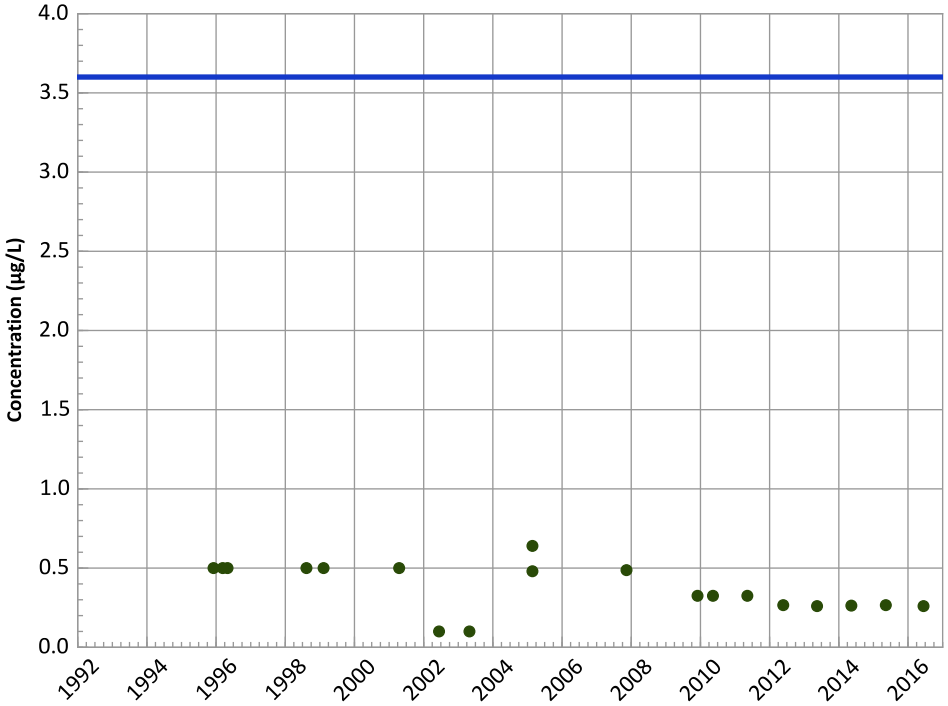
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

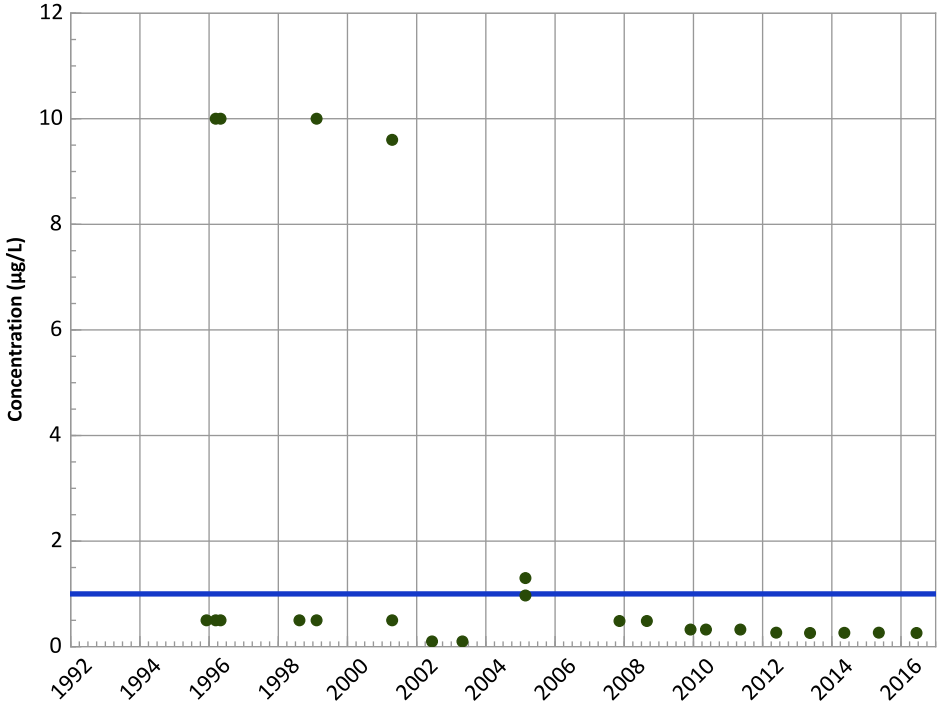


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

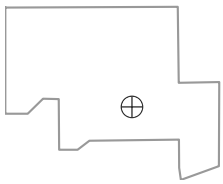
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 06/13/2016
Analysis Date: 03/07/2017

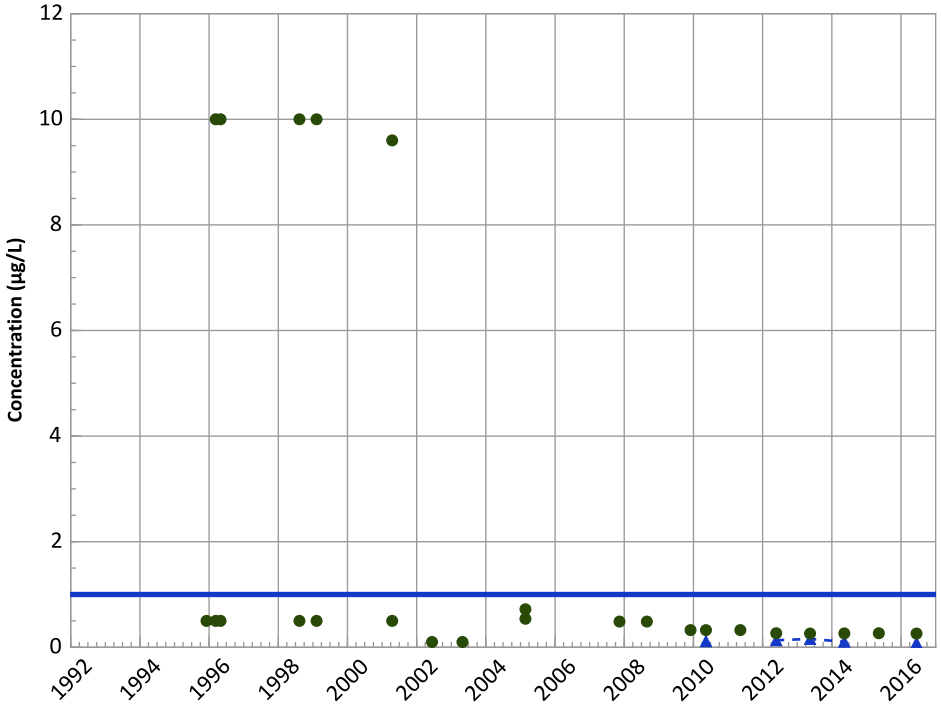
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

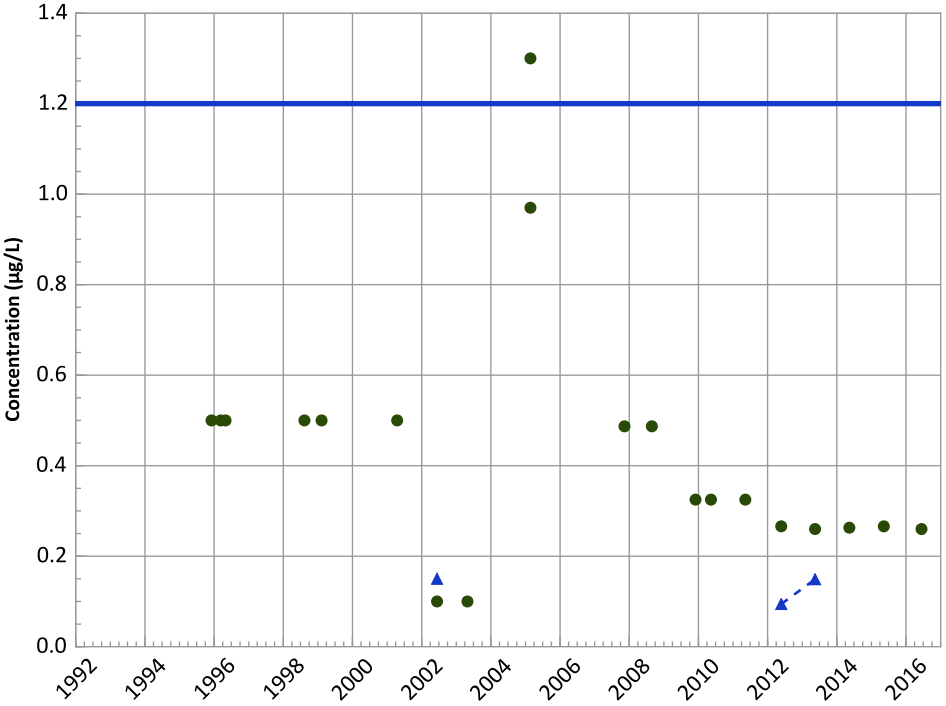


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

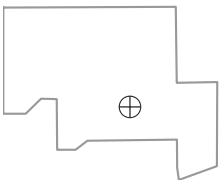
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 06/13/2016
Analysis Date: 03/07/2017

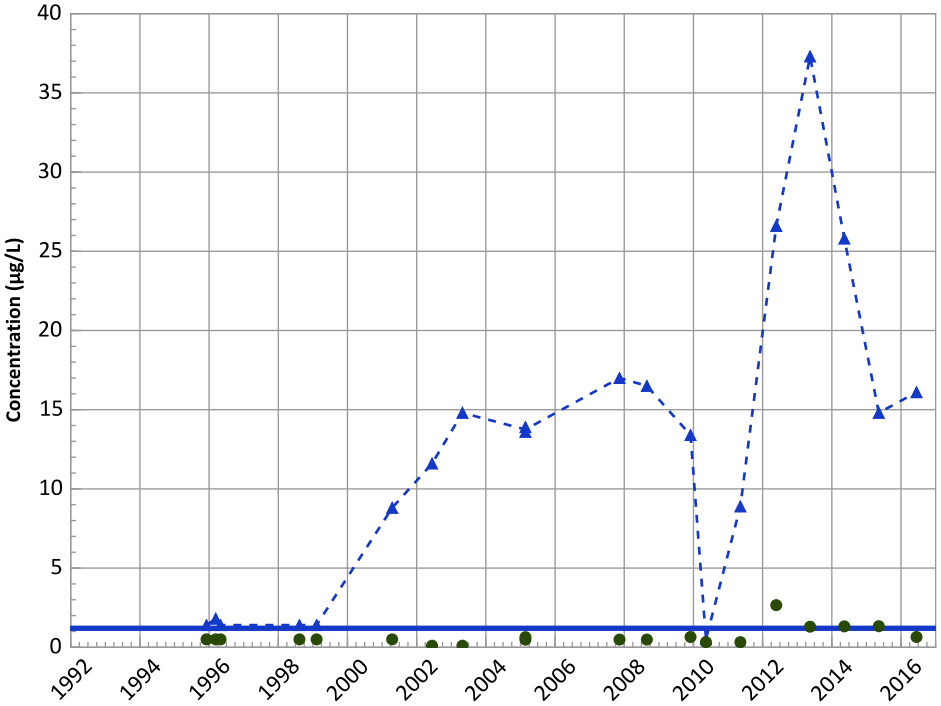
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

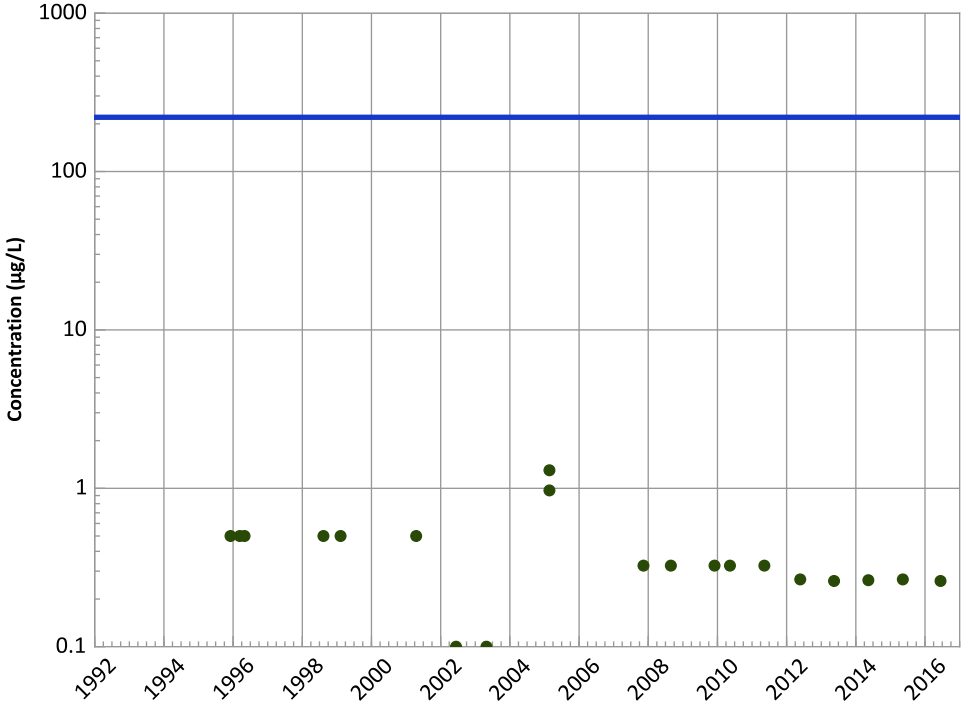


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

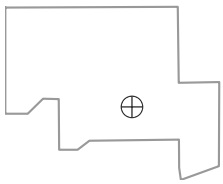
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 06/13/2016
Analysis Date: 03/07/2017

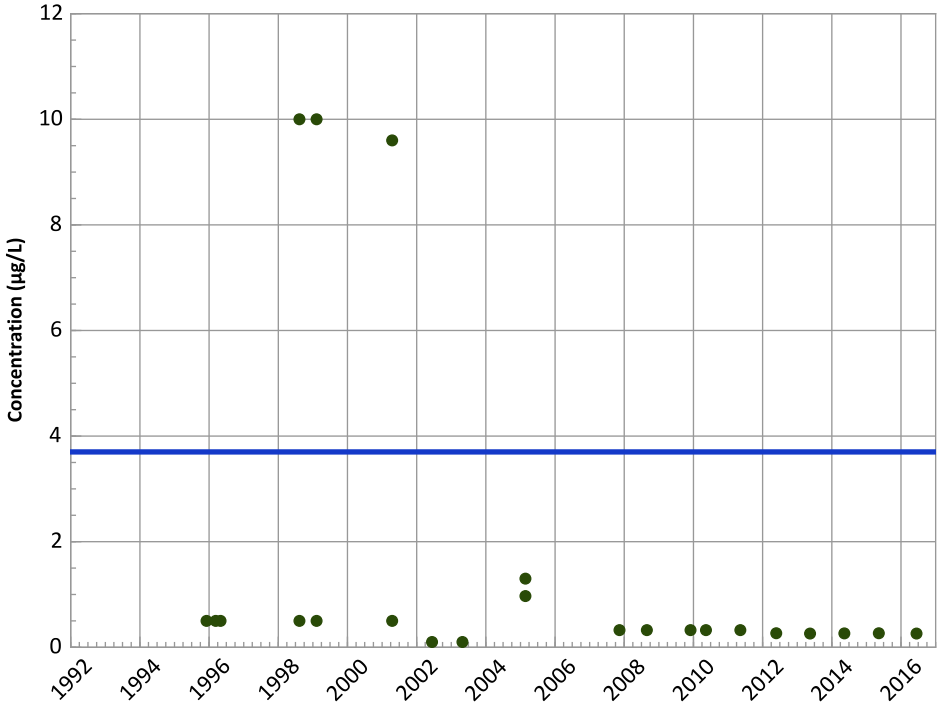
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

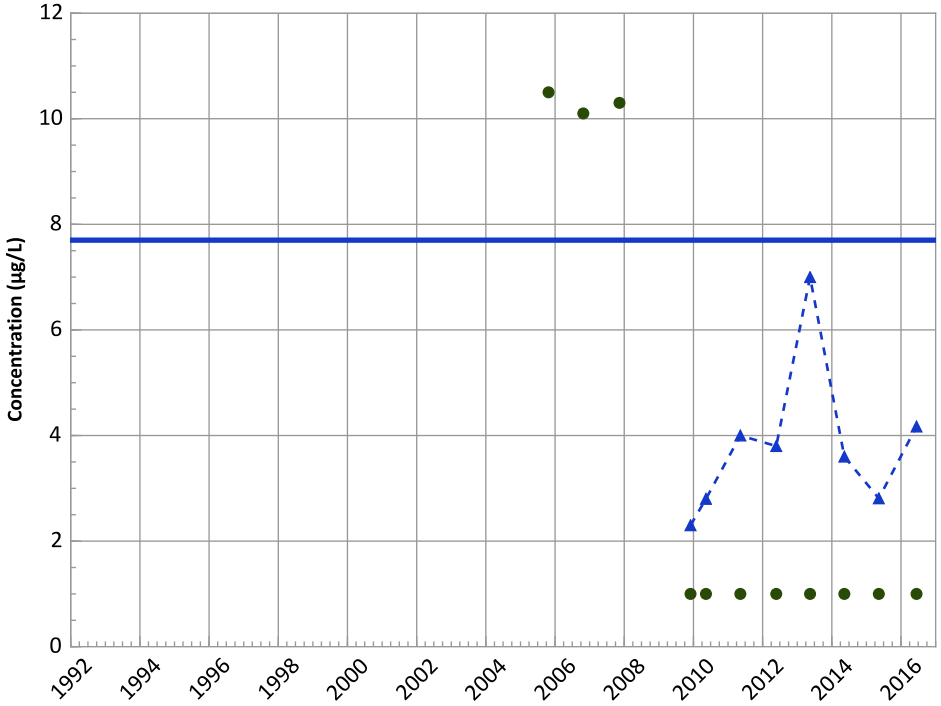


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

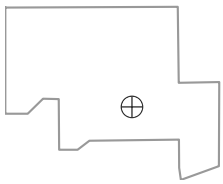
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 06/13/2016
Analysis Date: 03/07/2017

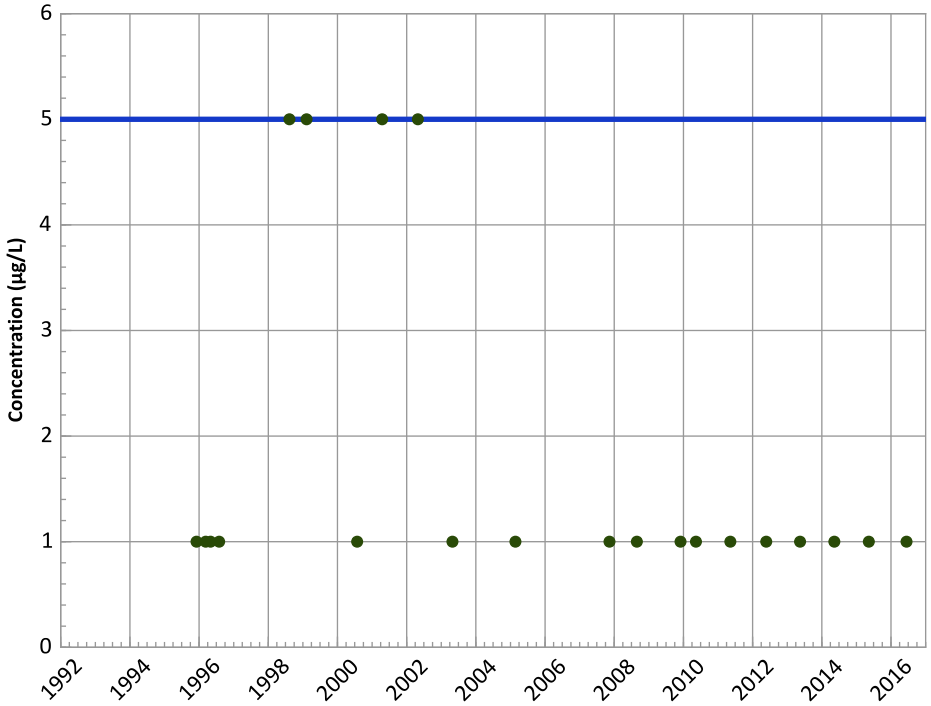
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

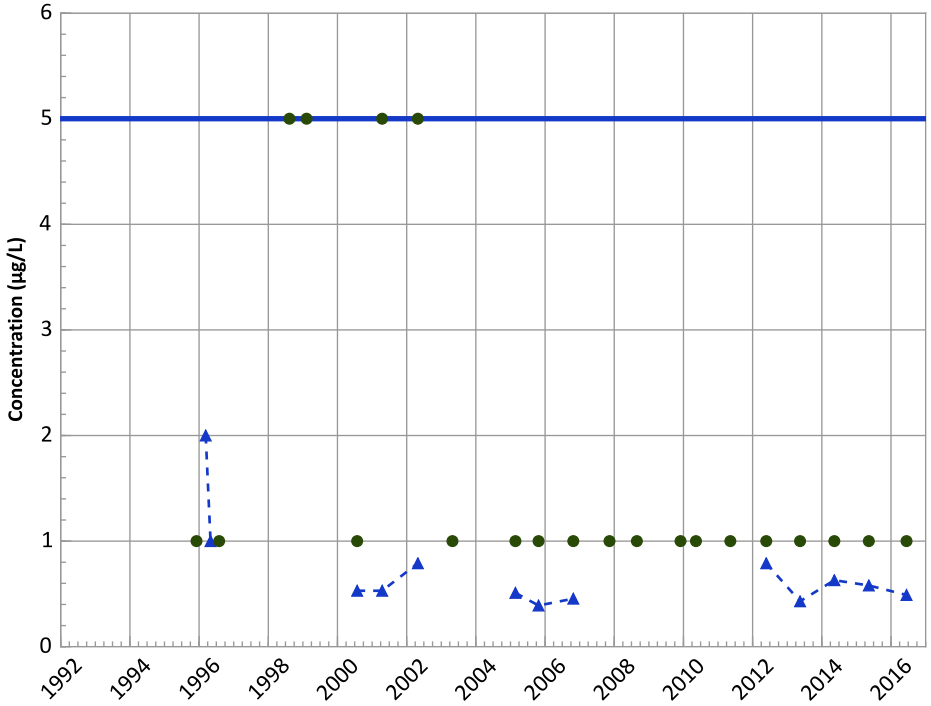


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

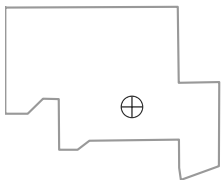
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 06/13/2016
Analysis Date: 03/07/2017

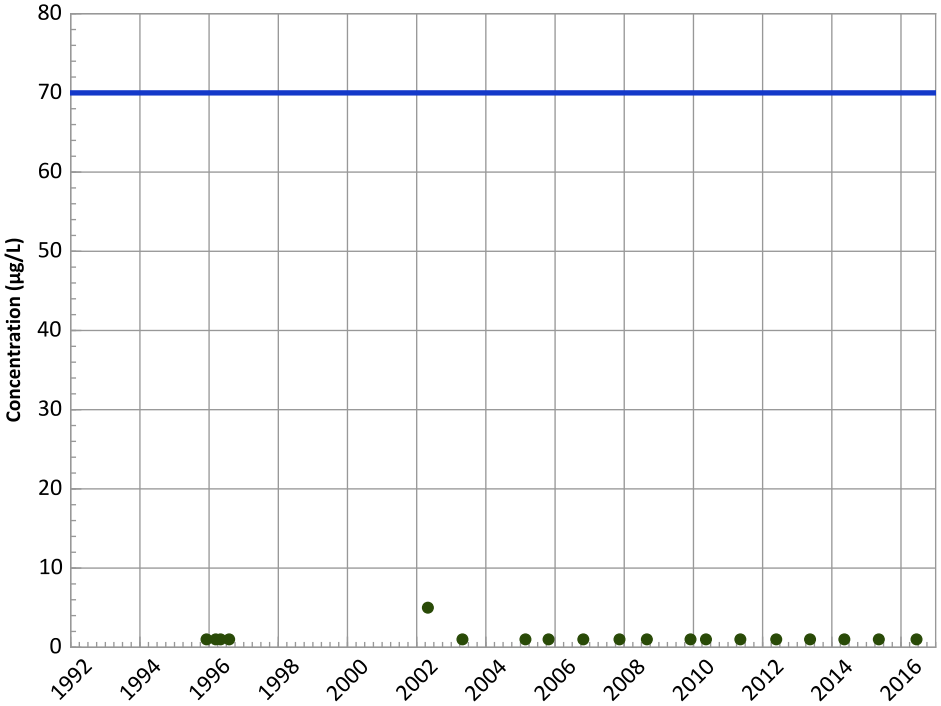
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

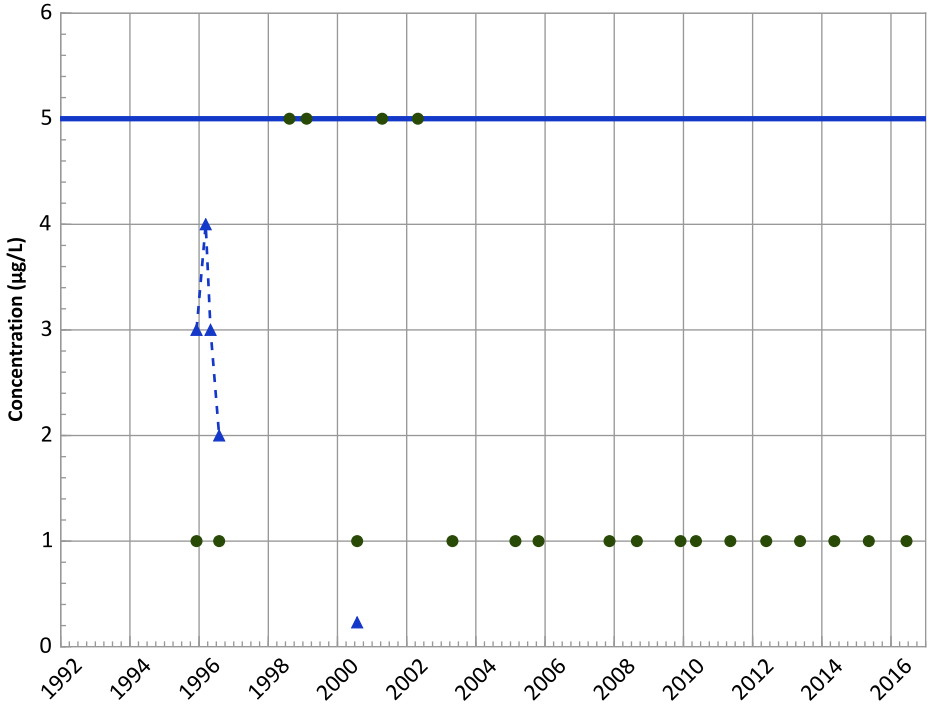


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

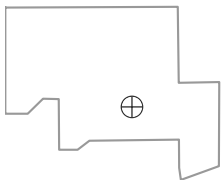
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 06/13/2016
Analysis Date: 03/07/2017

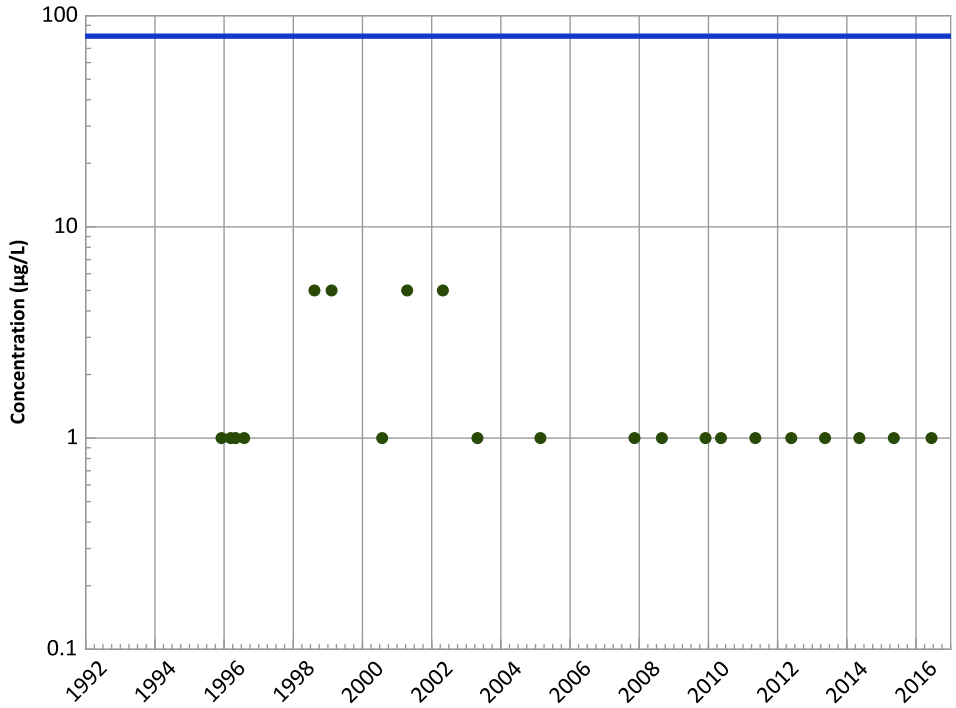
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

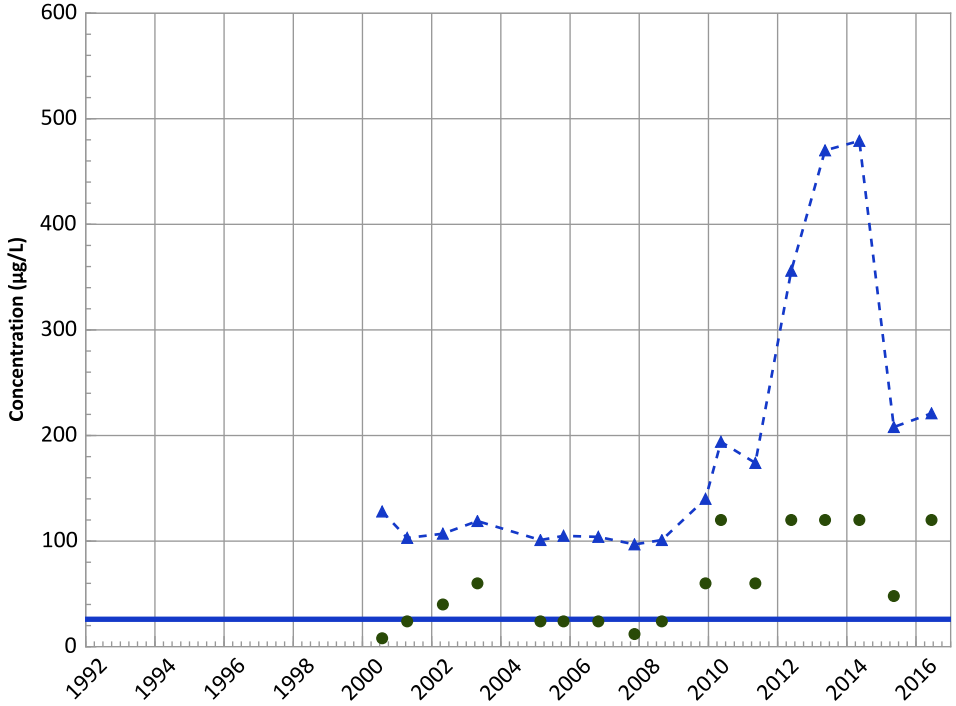


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

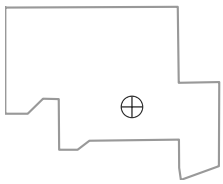
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 06/13/2016
Analysis Date: 03/07/2017

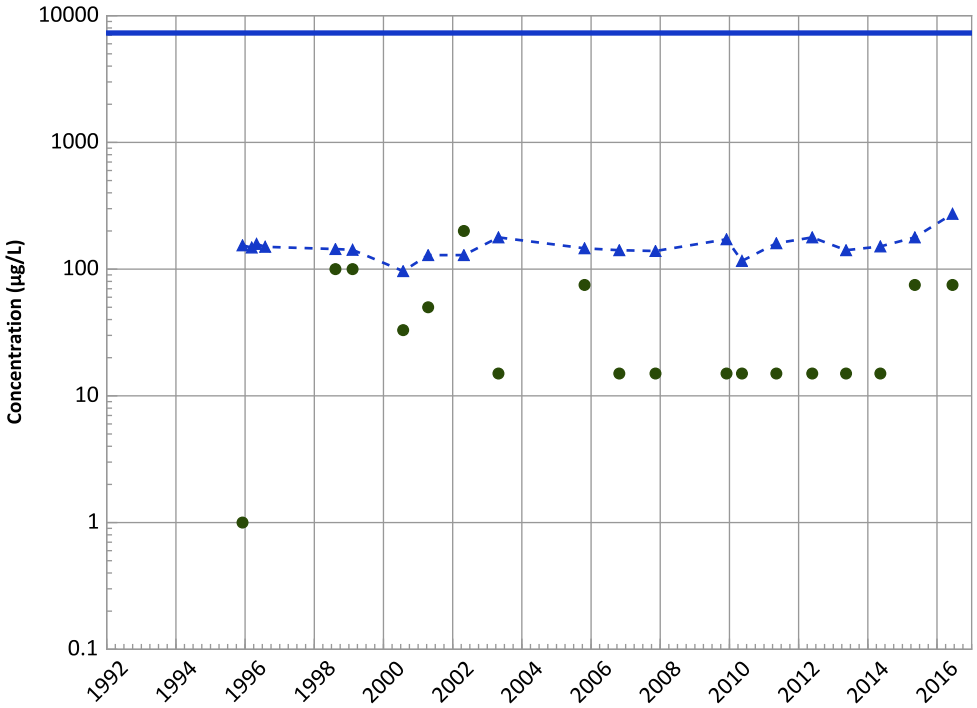
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

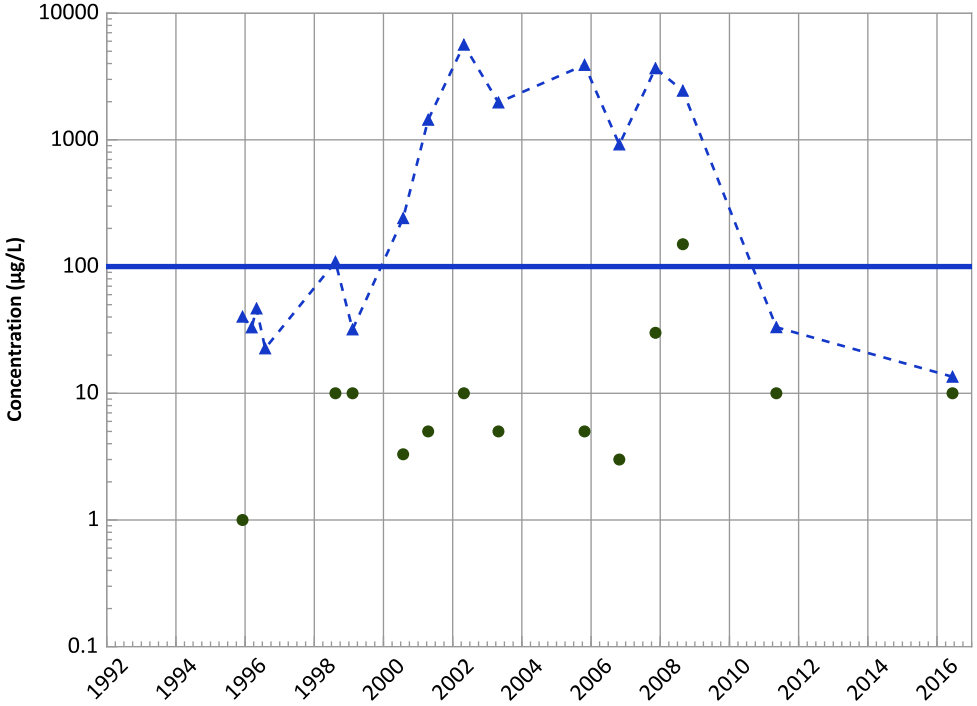


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Chromium, Total Trend



Concentration Trend

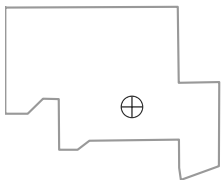
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 06/13/2016
Analysis Date: 03/07/2017

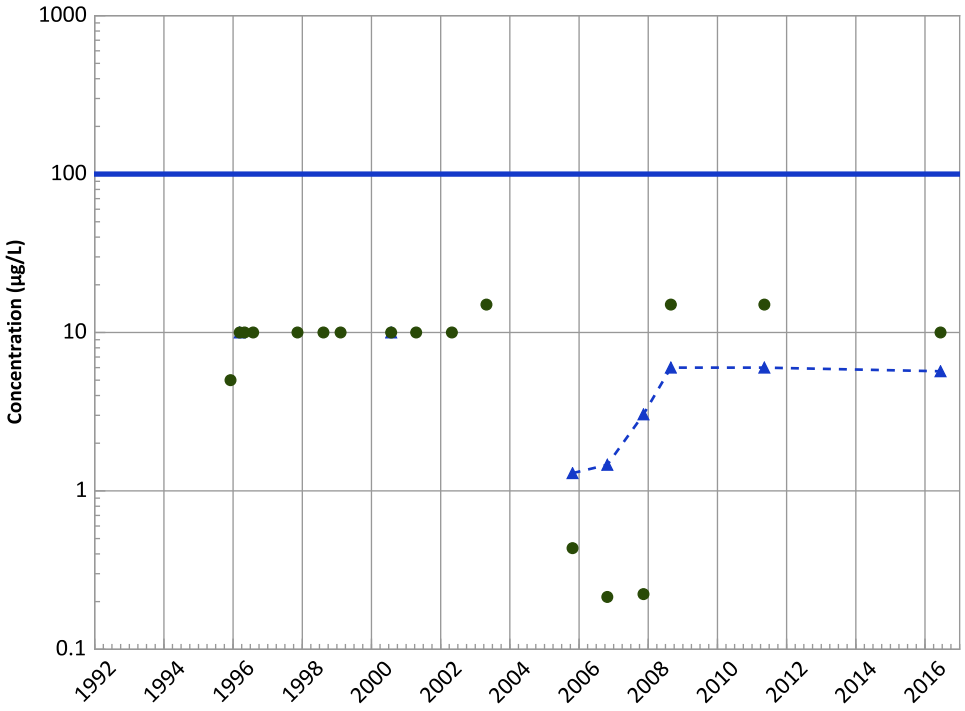
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

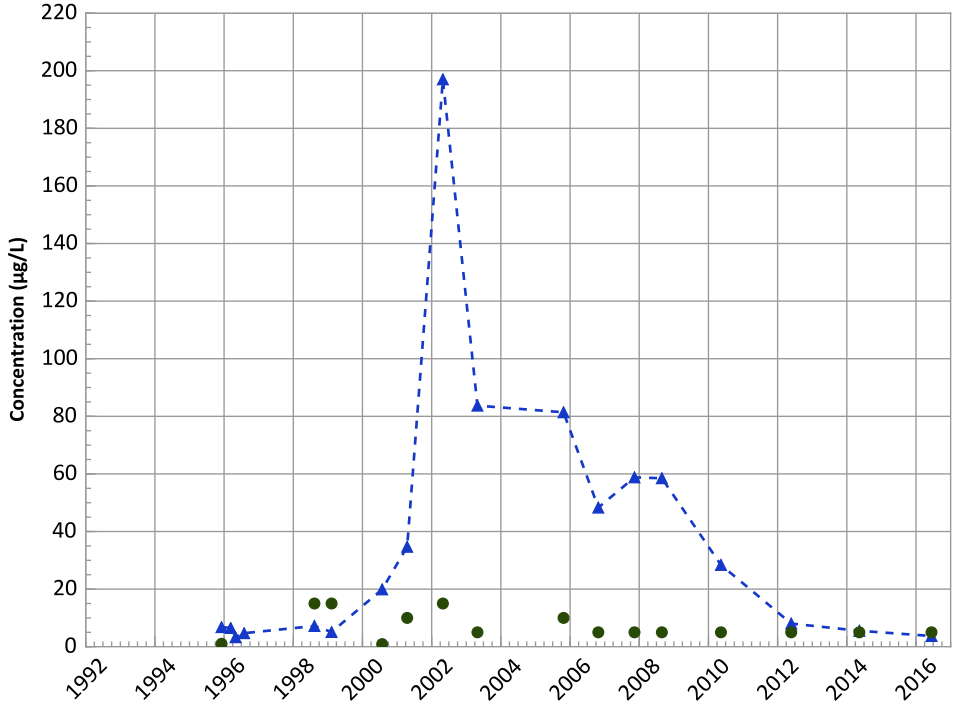


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Manganese Trend



Concentration Trend

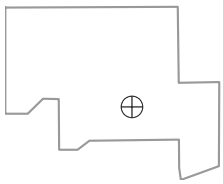
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 06/13/2016
Analysis Date: 03/07/2017

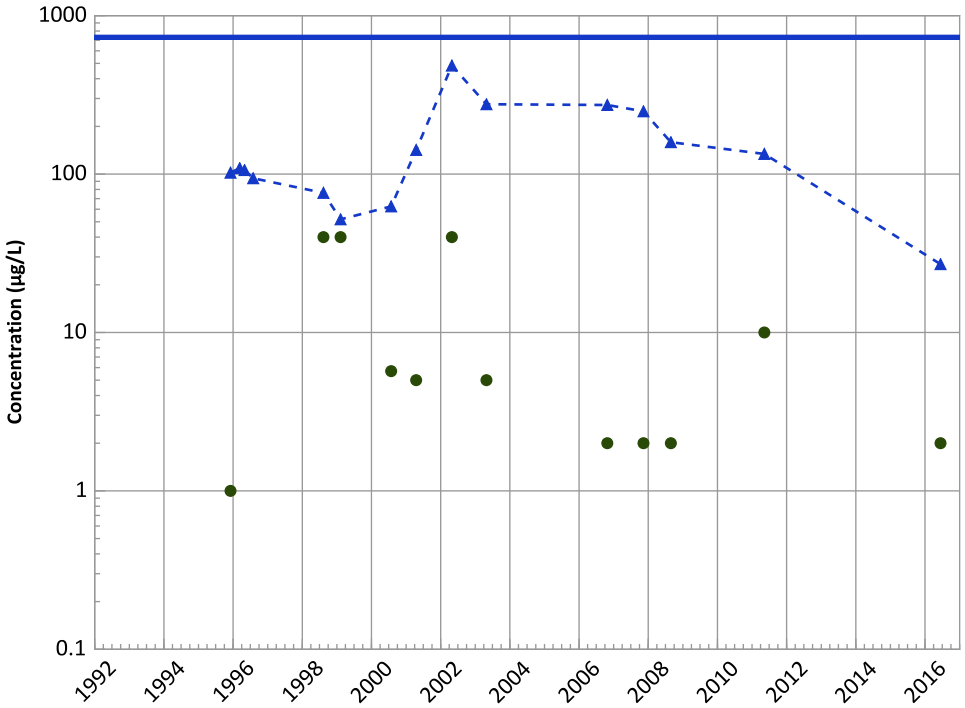
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

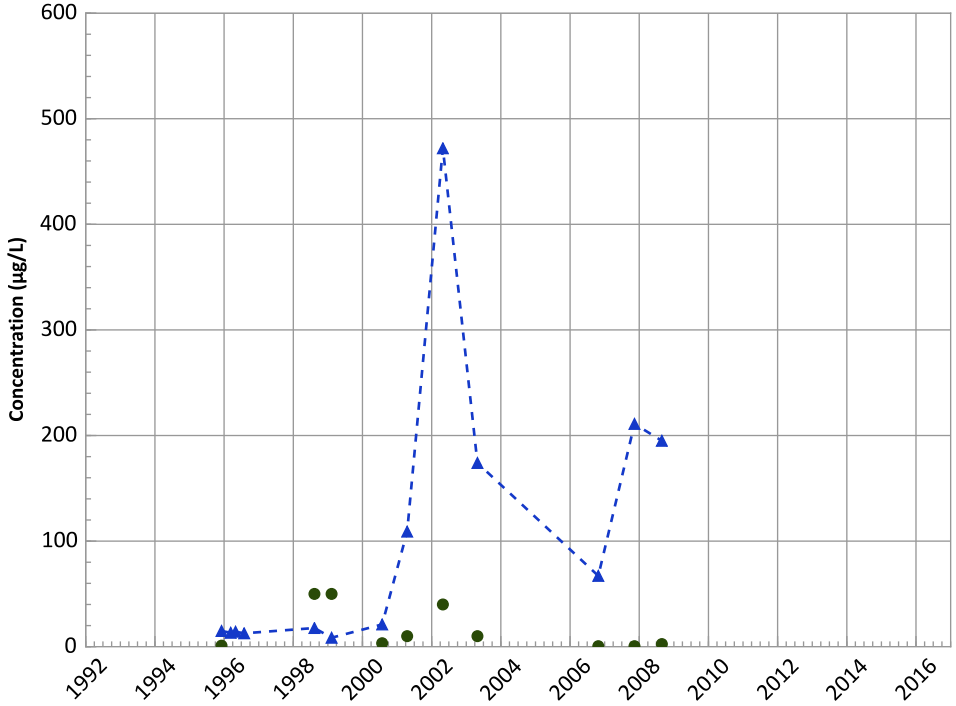


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Molybdenum Trend



Concentration Trend

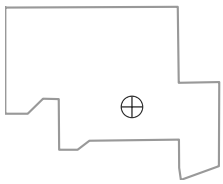
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 06/13/2016
Analysis Date: 03/07/2017

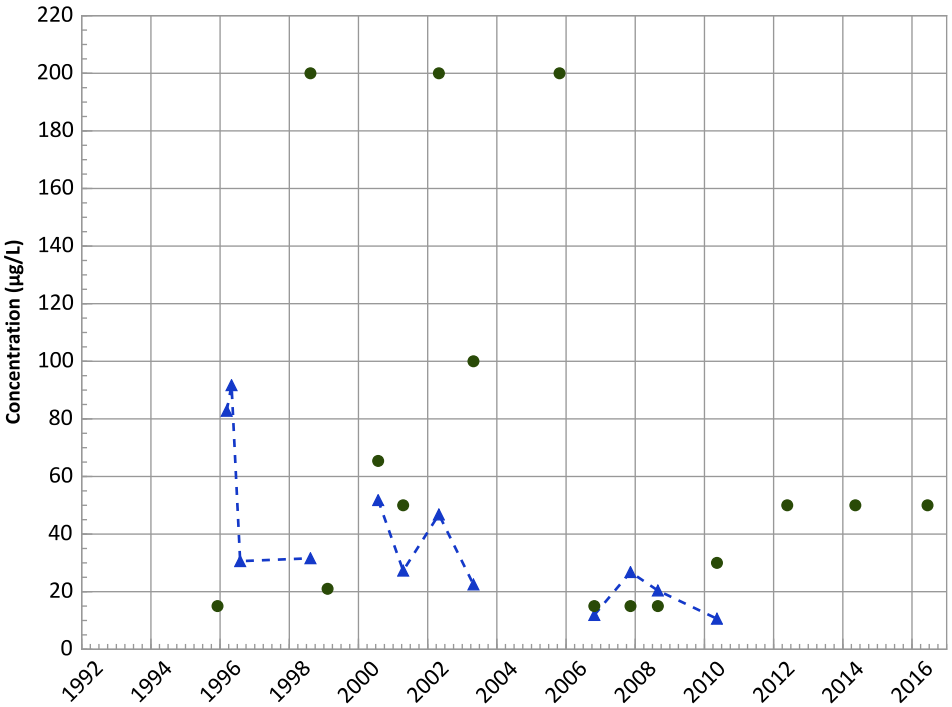
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

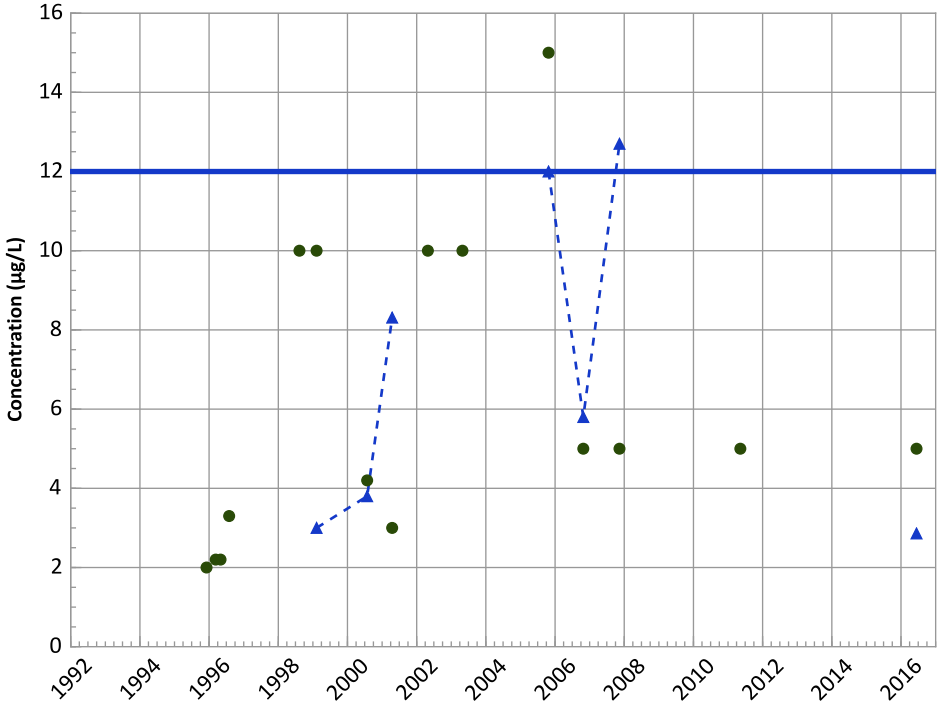


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Arsenic Trend



Concentration Trend

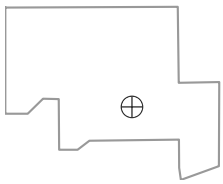
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 06/13/2016
Analysis Date: 03/07/2017

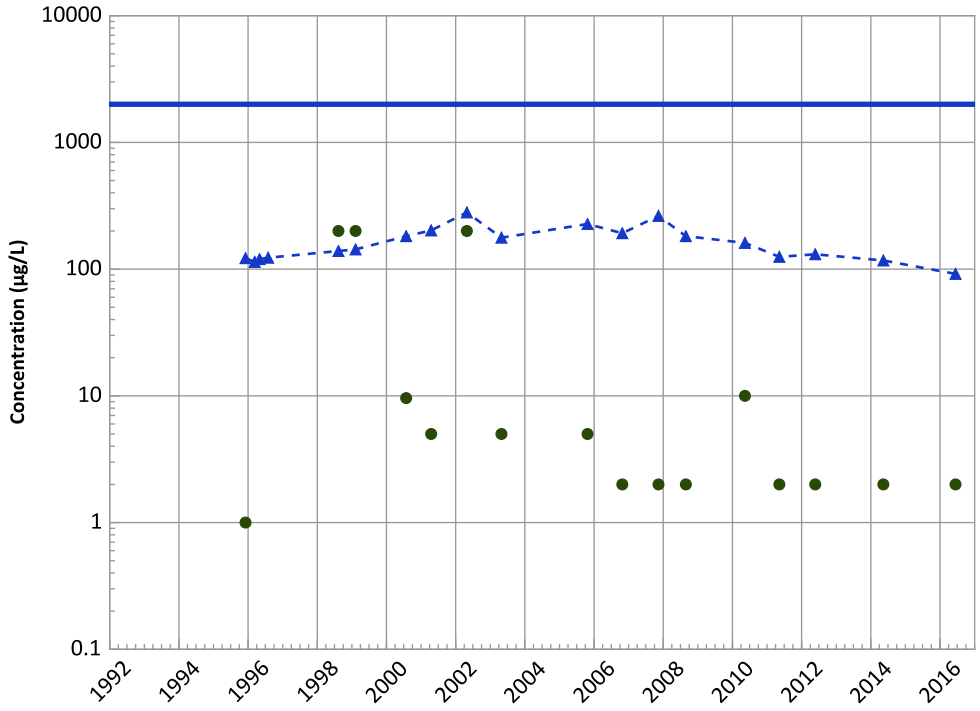
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

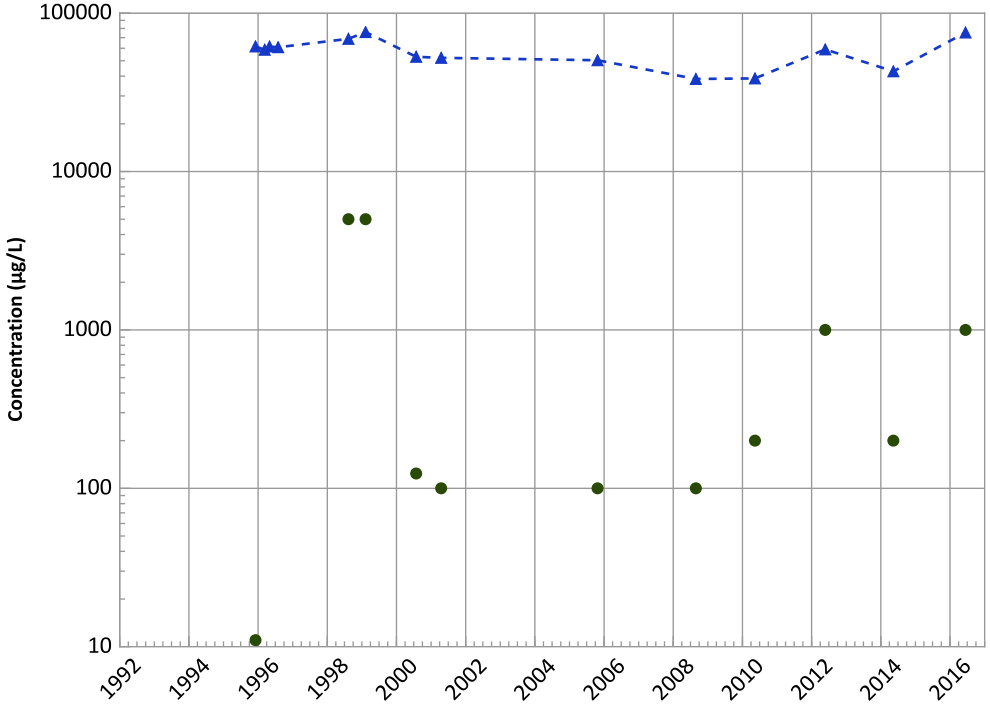


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Calcium Trend



Concentration Trend

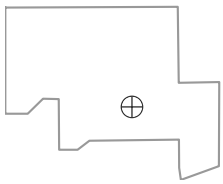
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 06/13/2016
Analysis Date: 03/07/2017

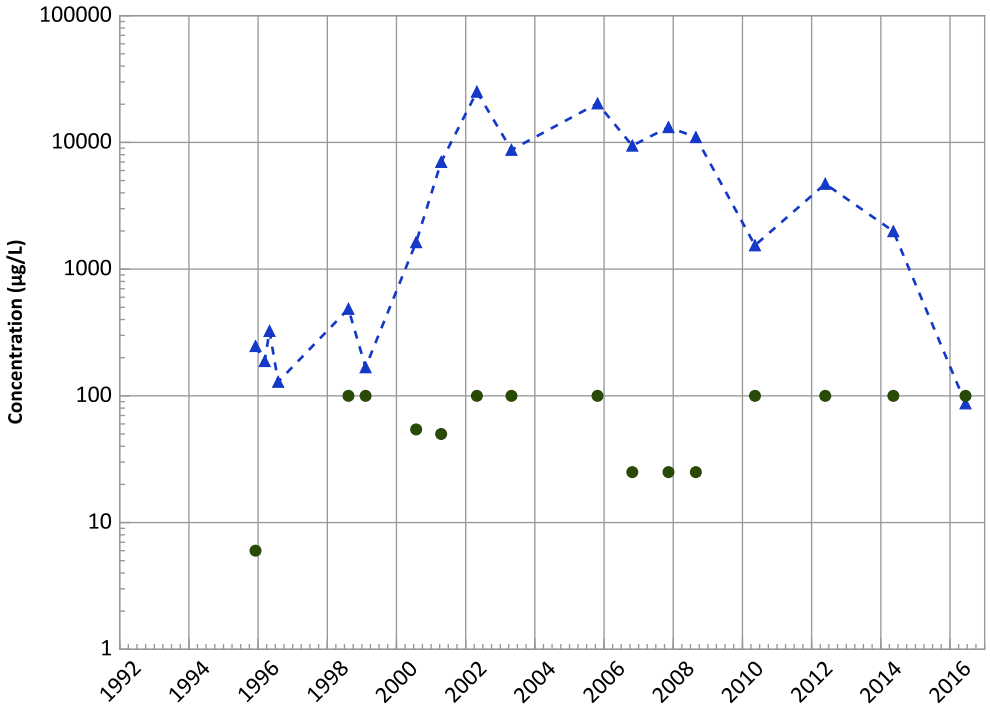
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

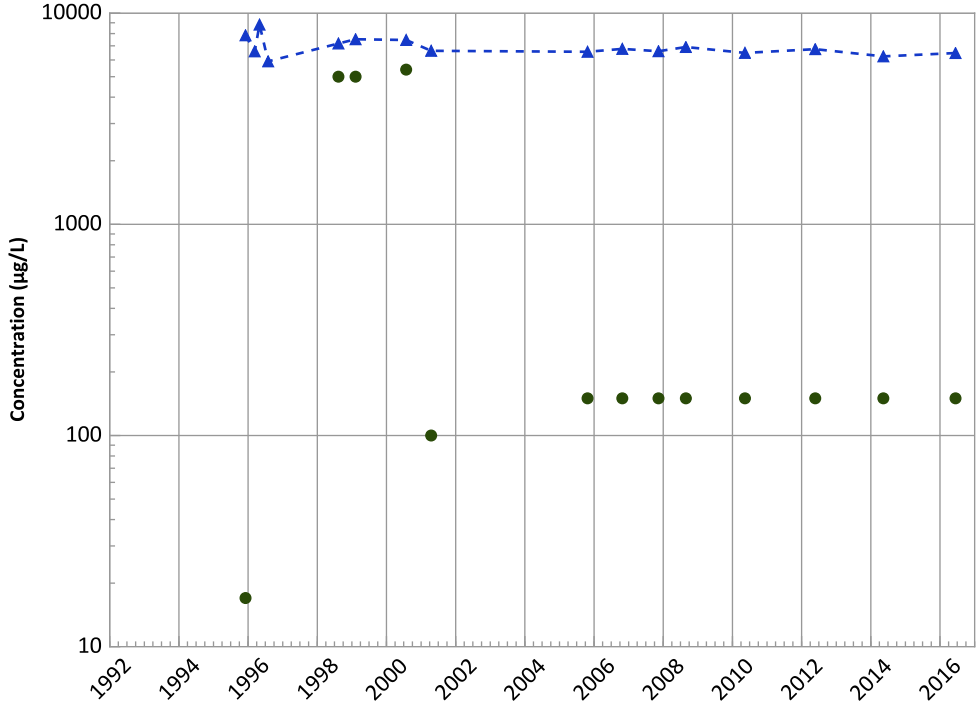


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Increasing

Potassium Trend



Concentration Trend

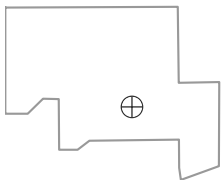
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 06/13/2016
Analysis Date: 03/07/2017

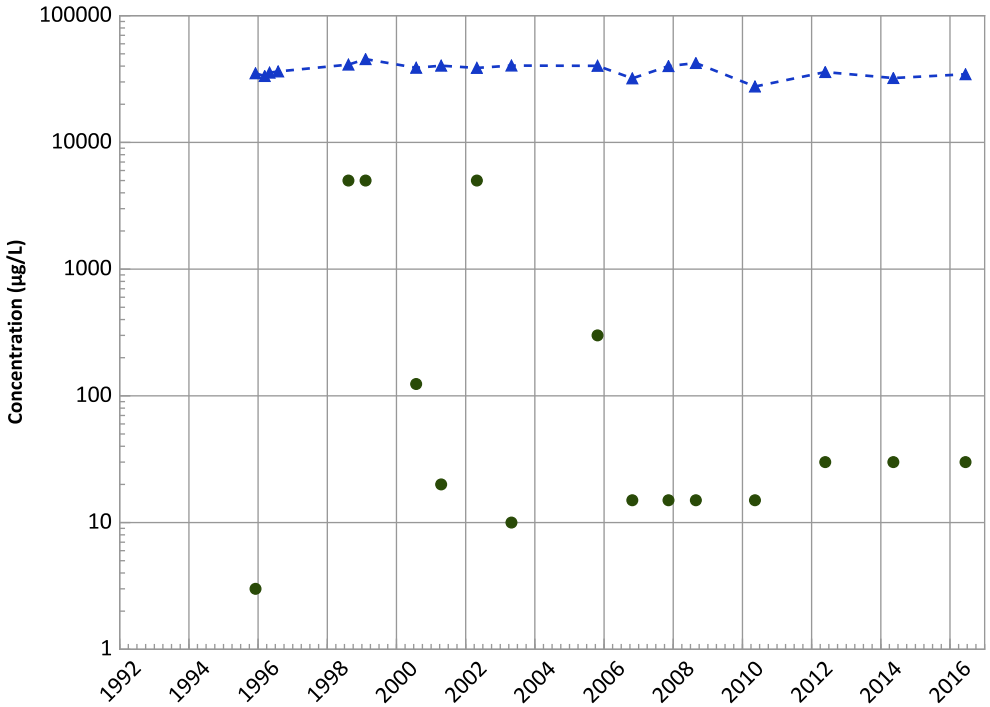
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

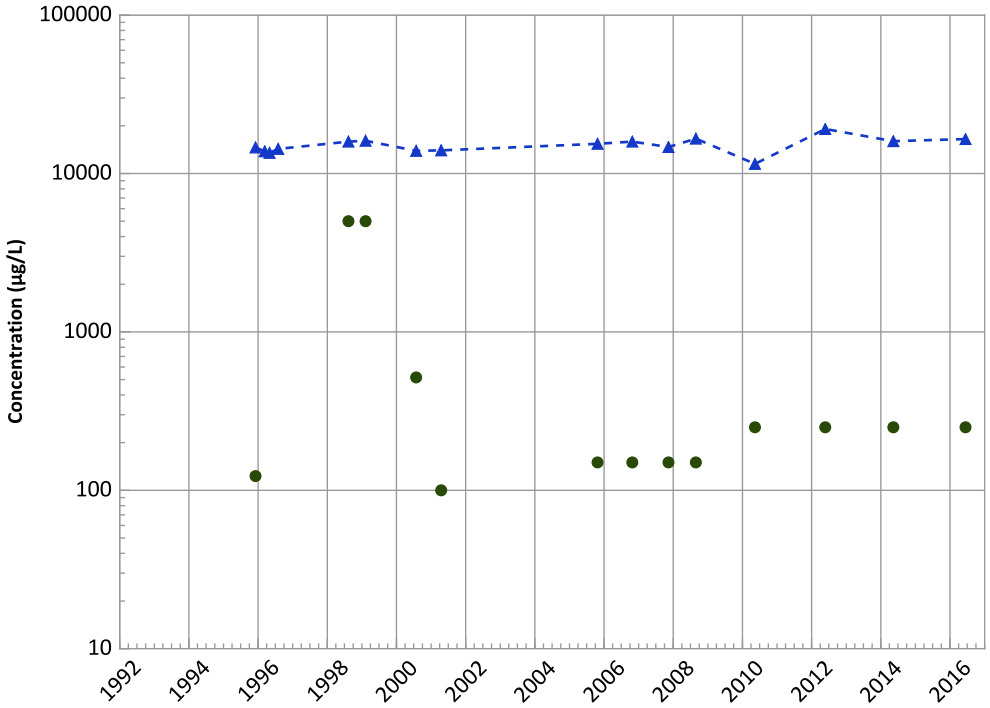


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Stable

Sodium Trend



Concentration Trend

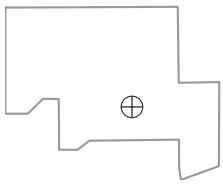
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

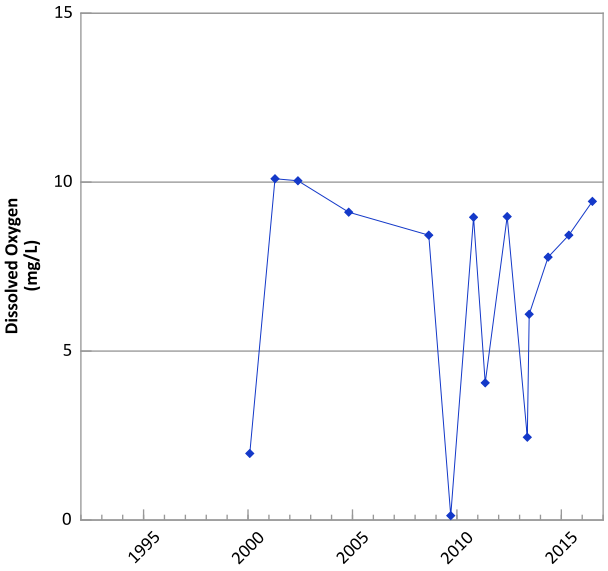
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/05/1995 to 06/13/2016
Analysis Date: 03/07/2017

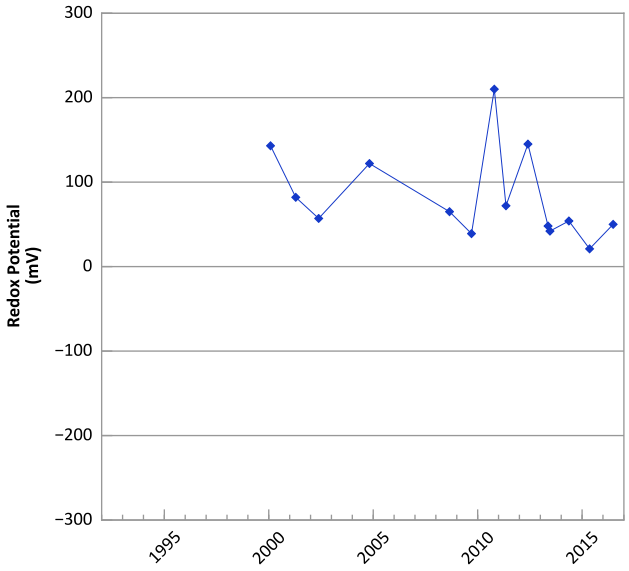
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

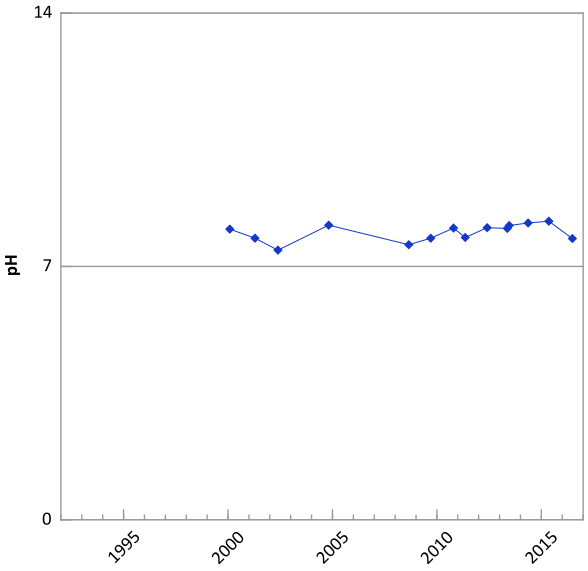
Well Location

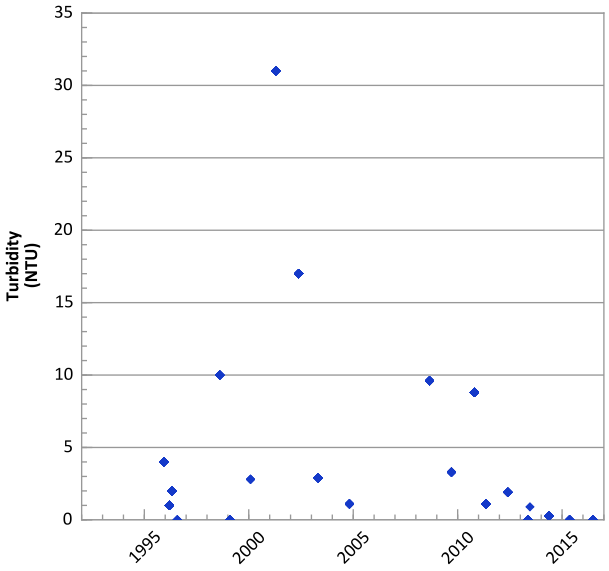


PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



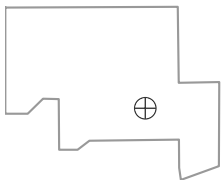






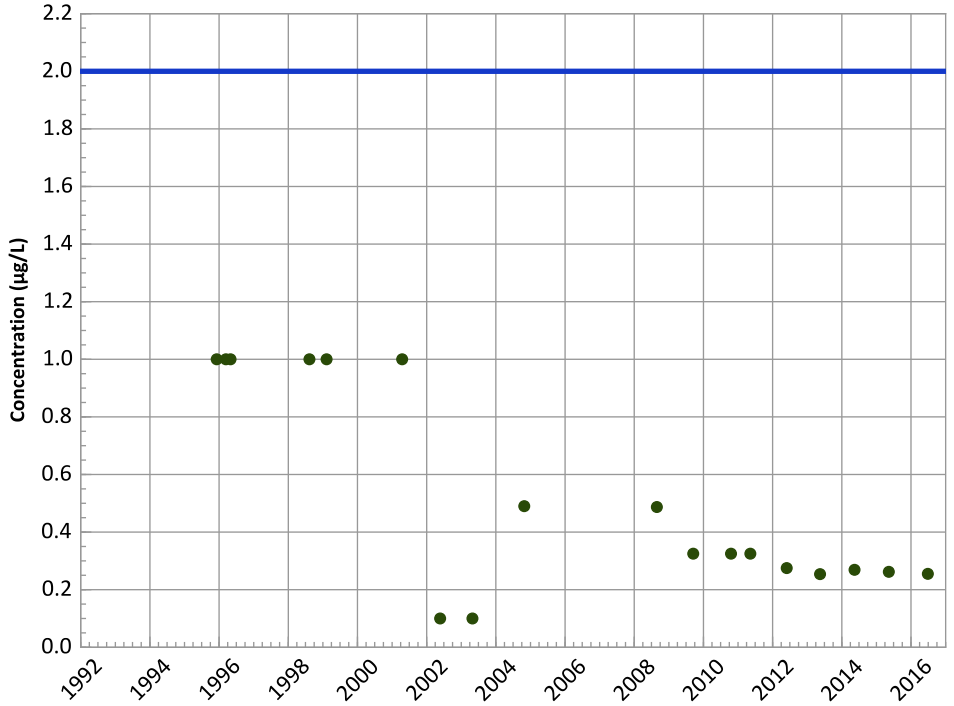
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/27/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

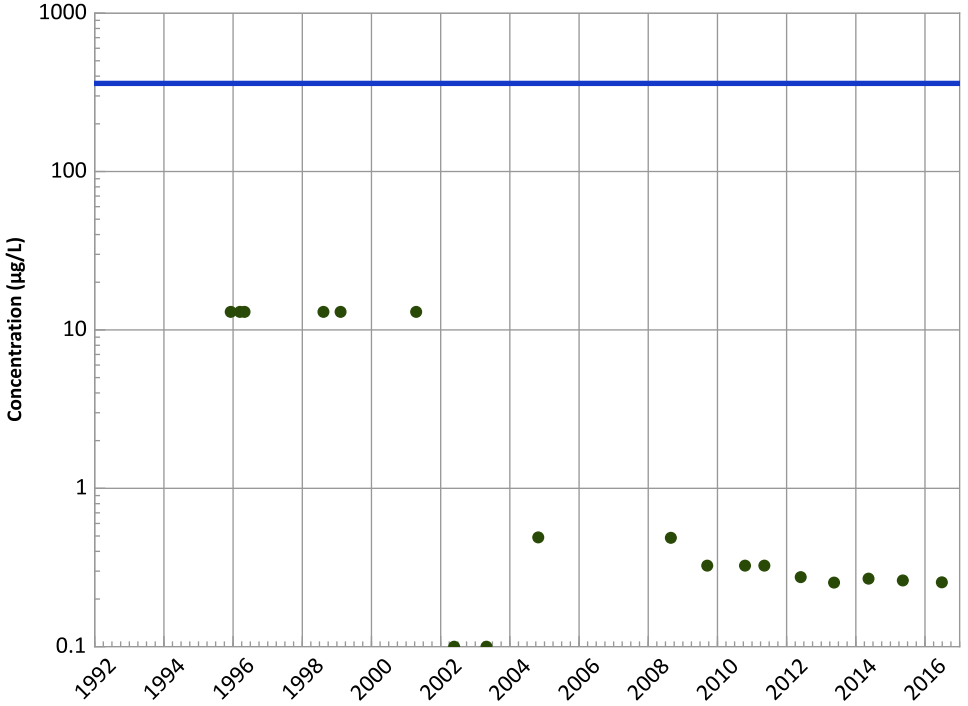


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

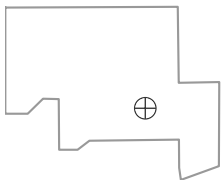
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/27/2016
Analysis Date: 03/07/2017

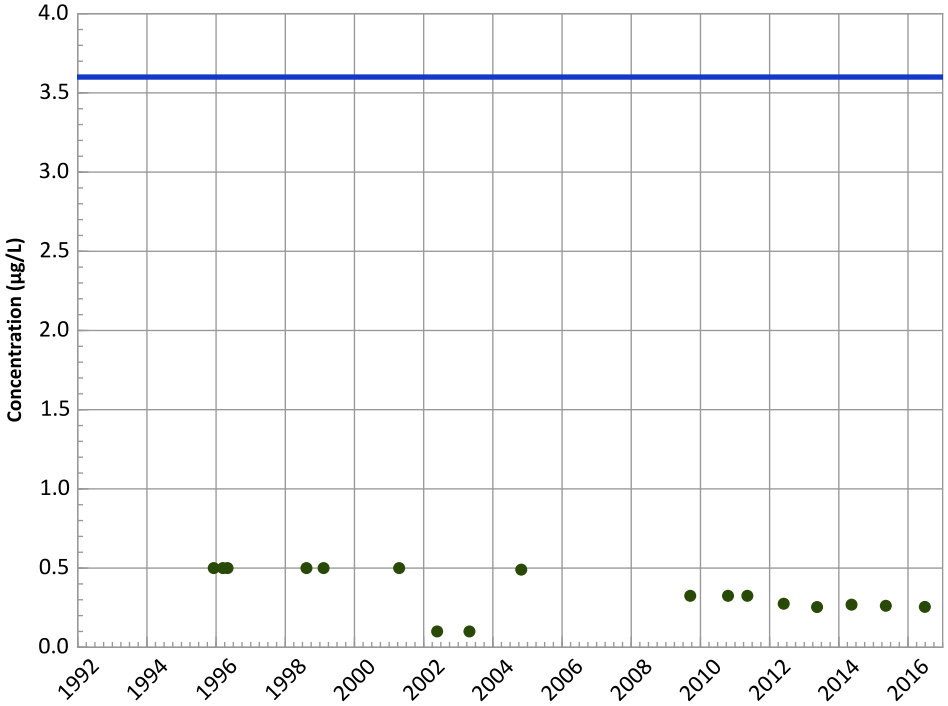
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

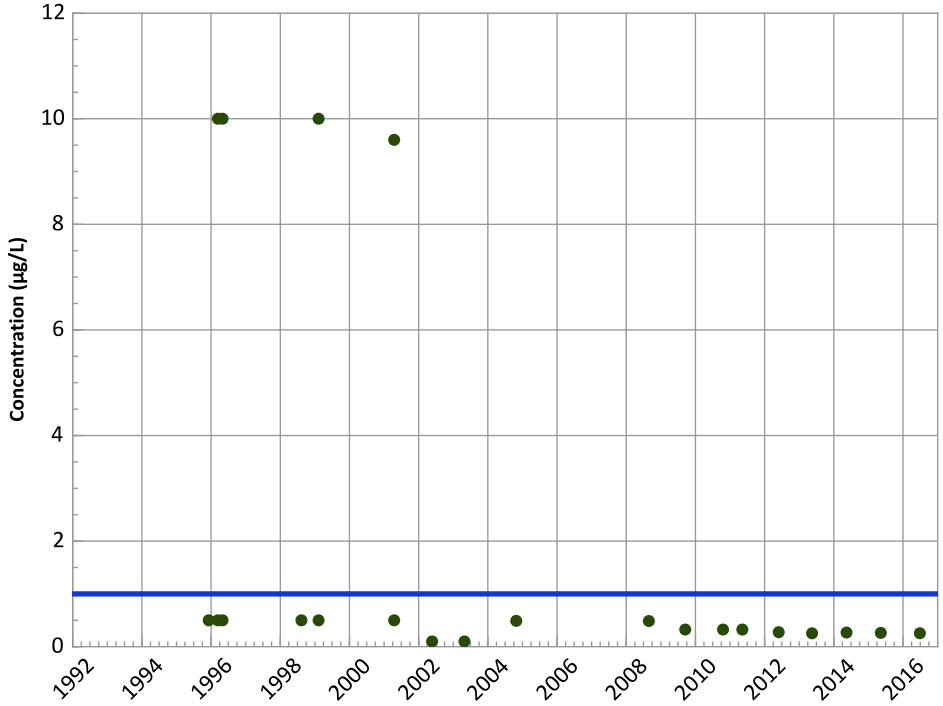


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

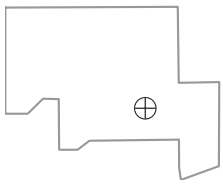
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/27/2016
Analysis Date: 03/07/2017

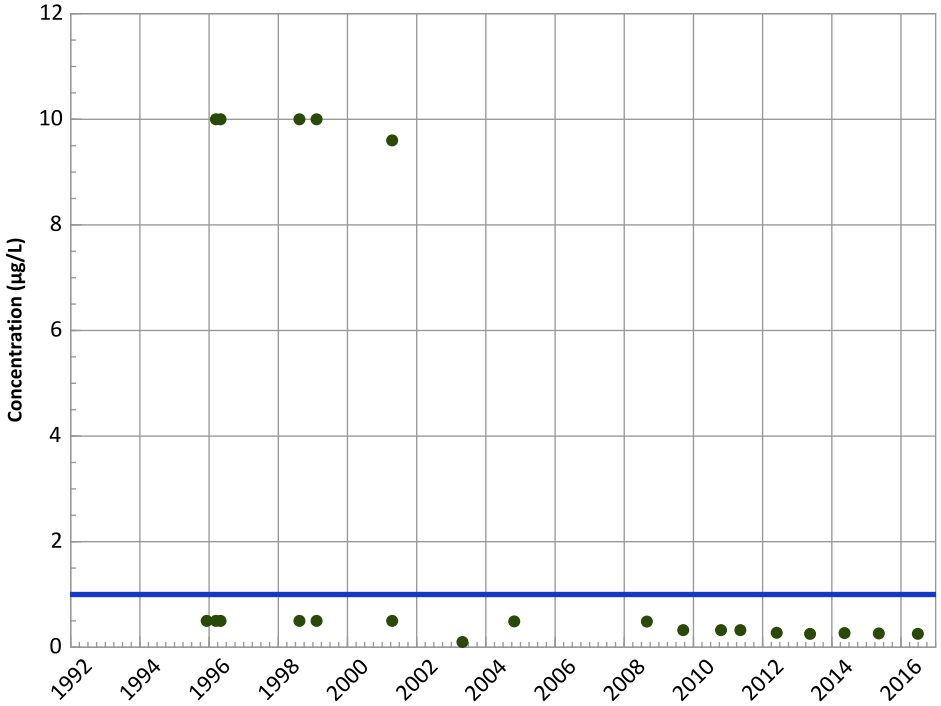
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

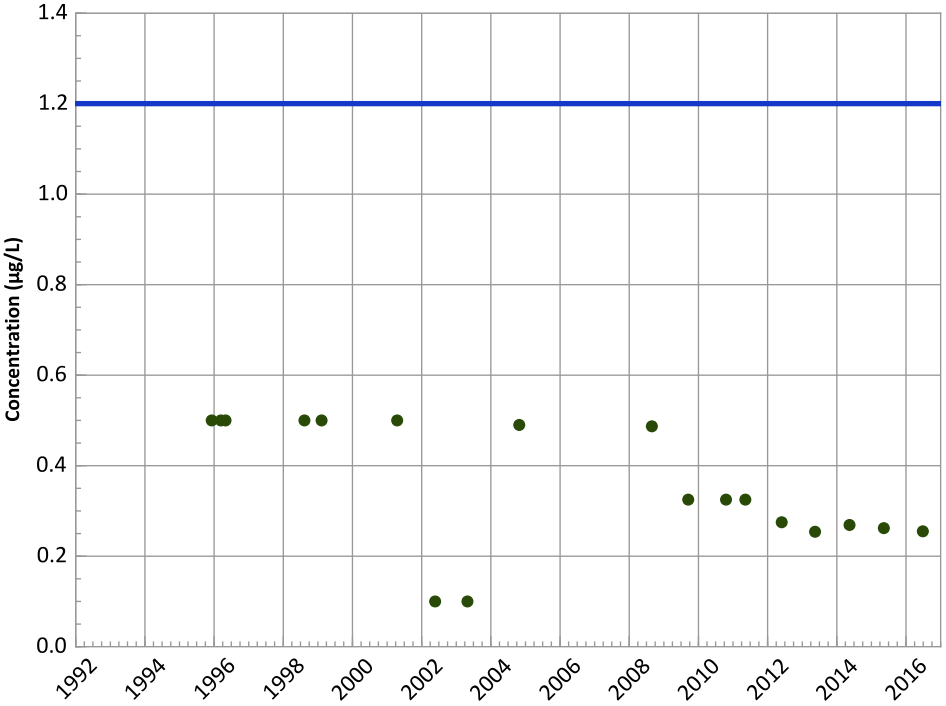


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

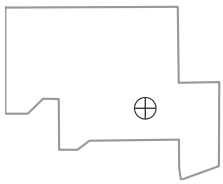
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/27/2016
Analysis Date: 03/07/2017

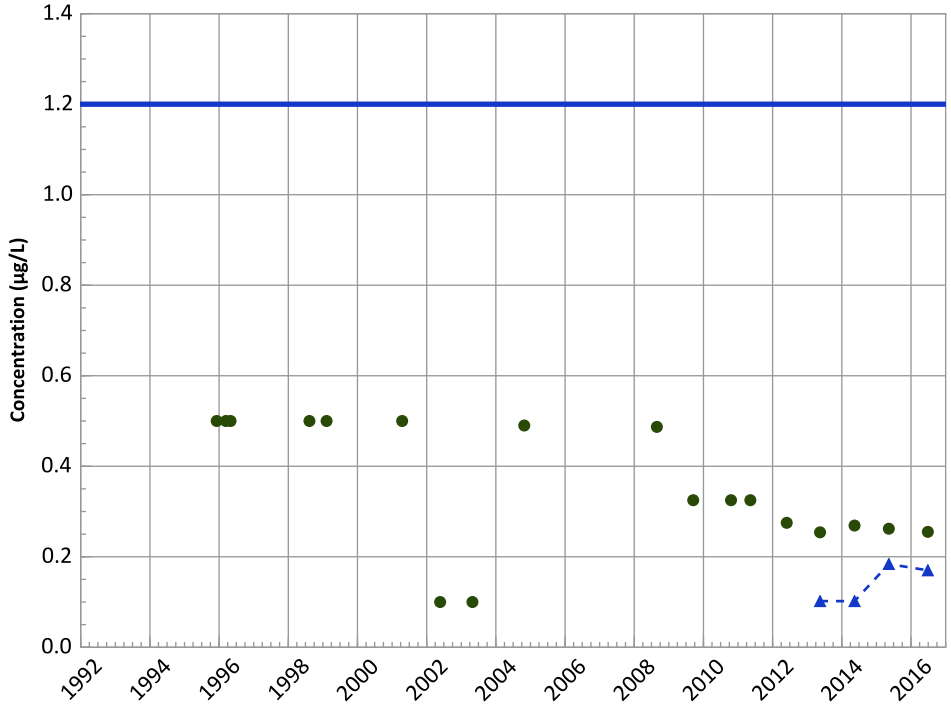
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

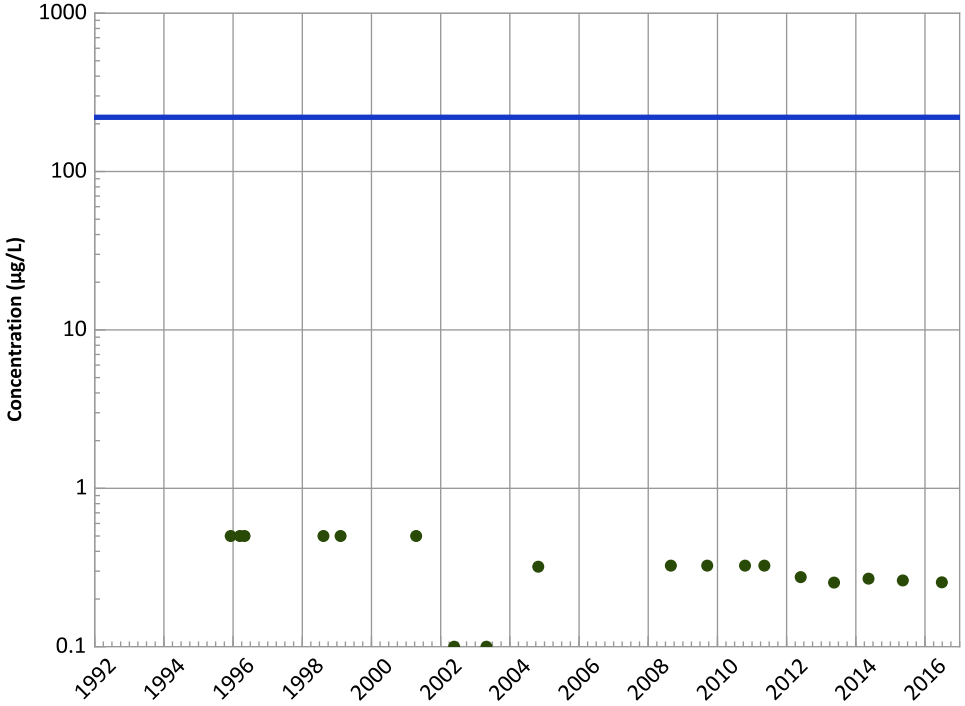


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

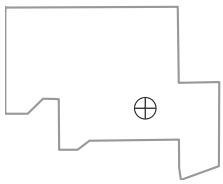
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/27/2016
Analysis Date: 03/07/2017

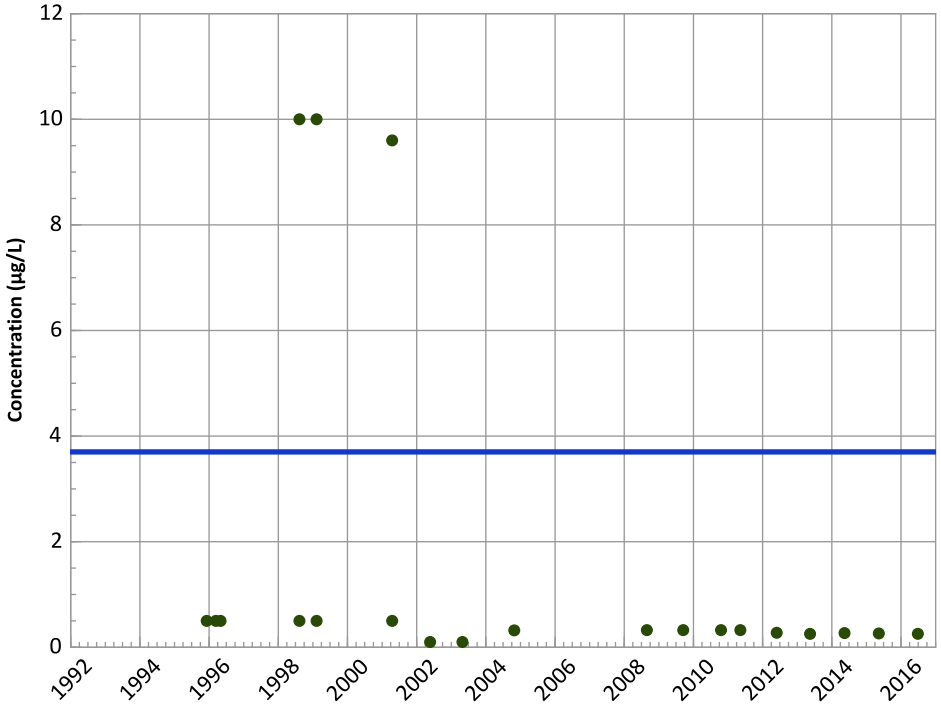
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

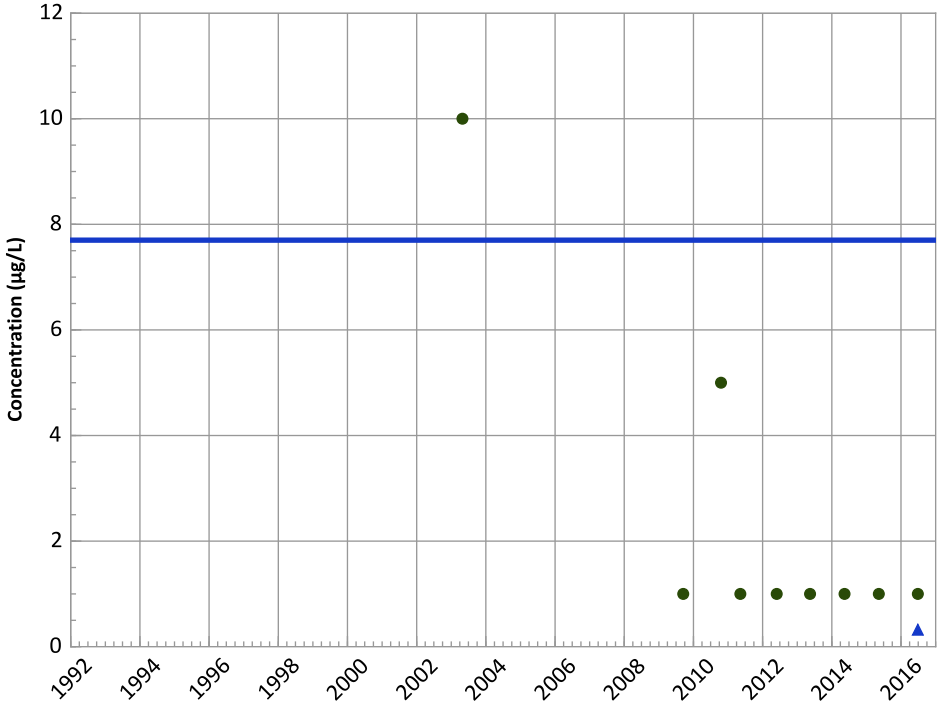


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

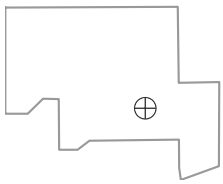
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/27/2016
Analysis Date: 03/07/2017

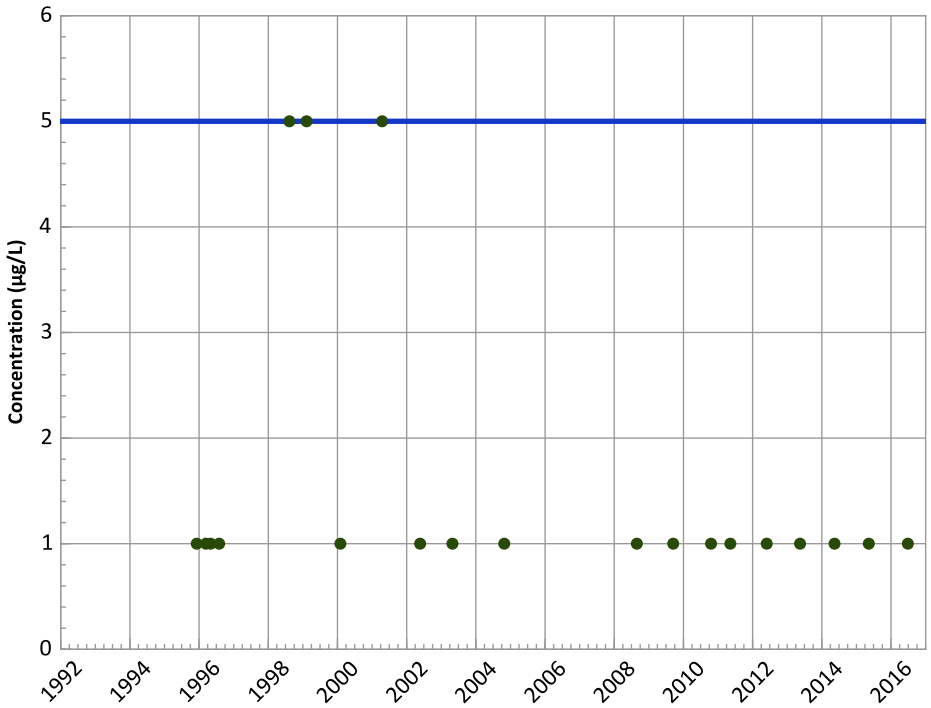
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

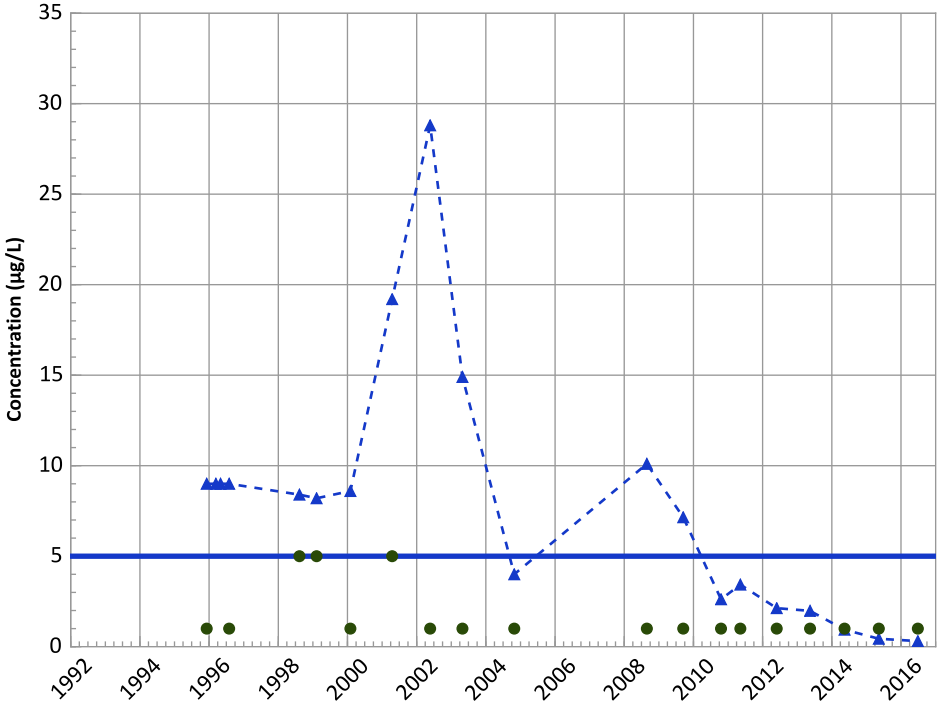


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

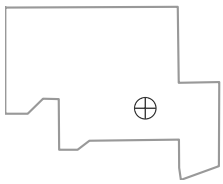
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/27/2016
Analysis Date: 03/07/2017

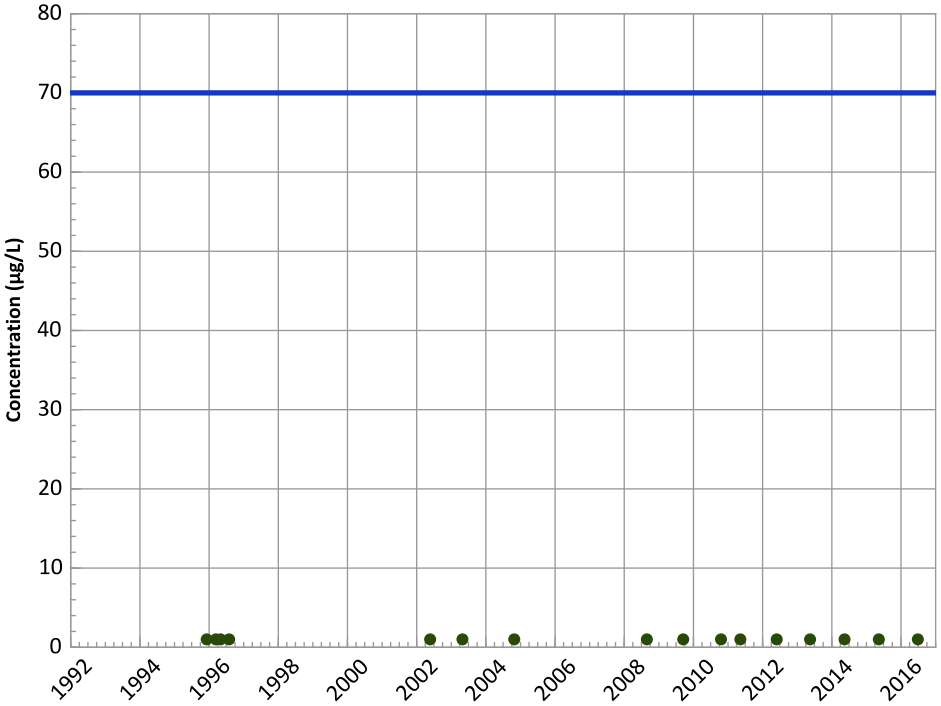
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

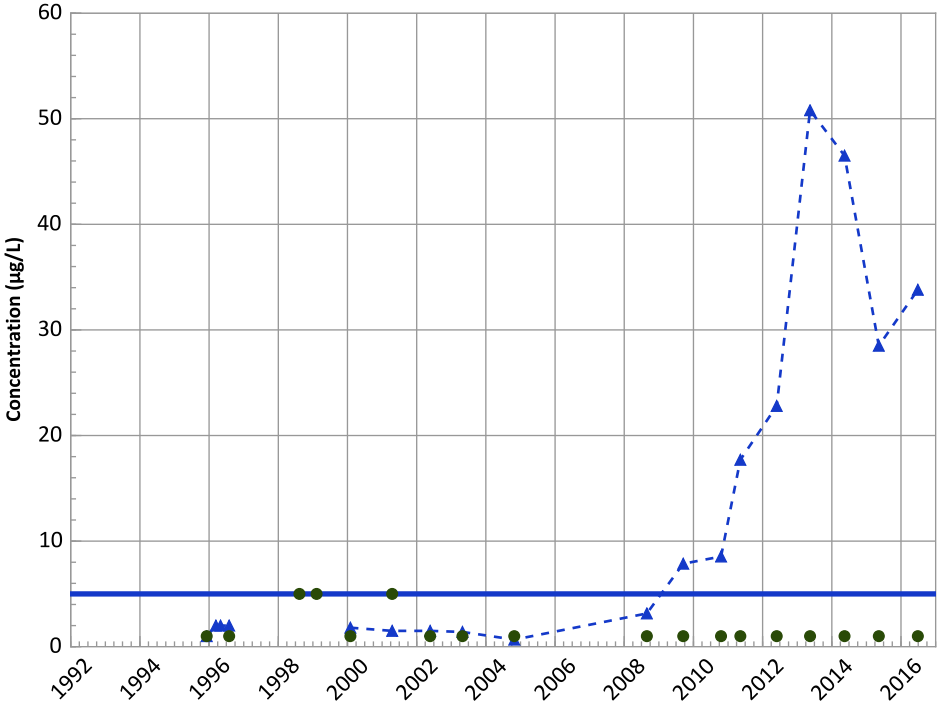


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

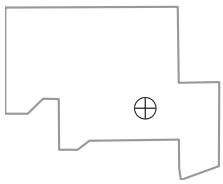
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/27/2016
Analysis Date: 03/07/2017

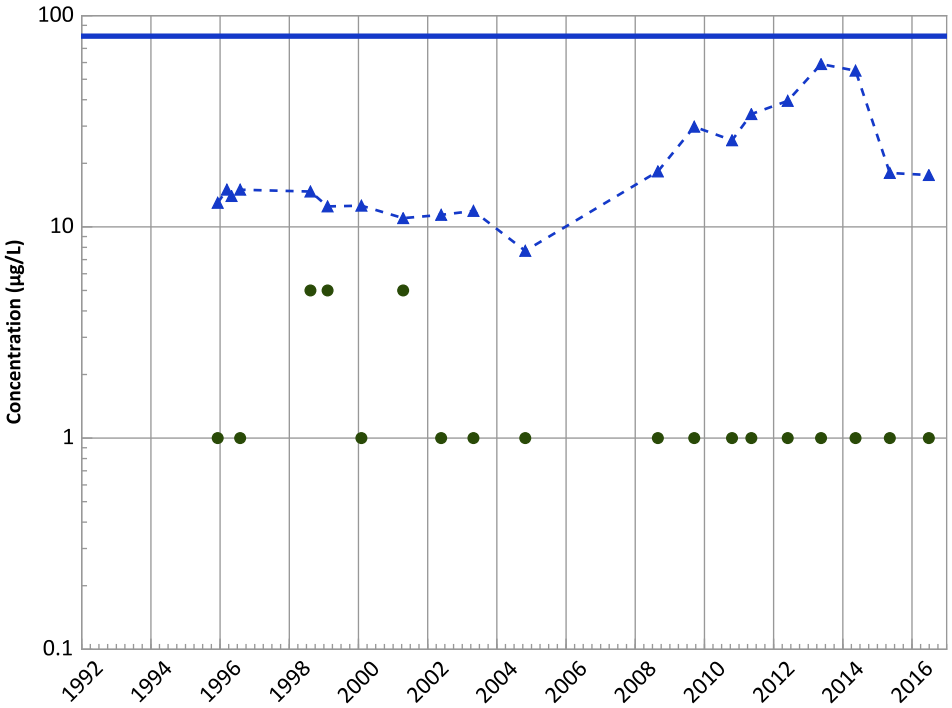
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

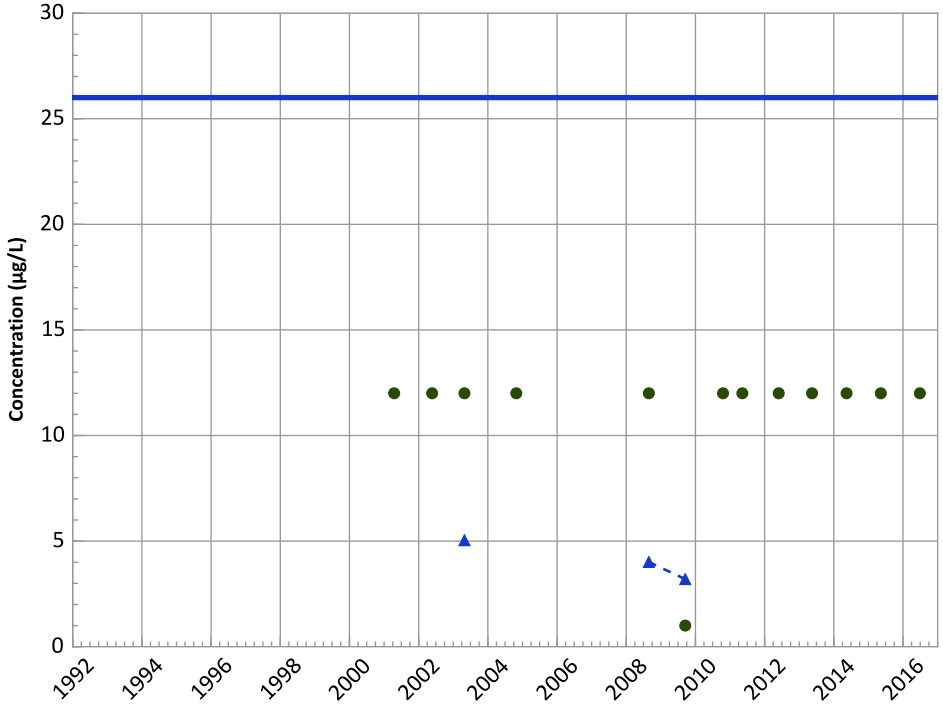


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Perchlorate Trend



Concentration Trend

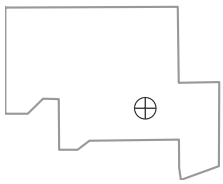
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/27/2016
Analysis Date: 03/07/2017

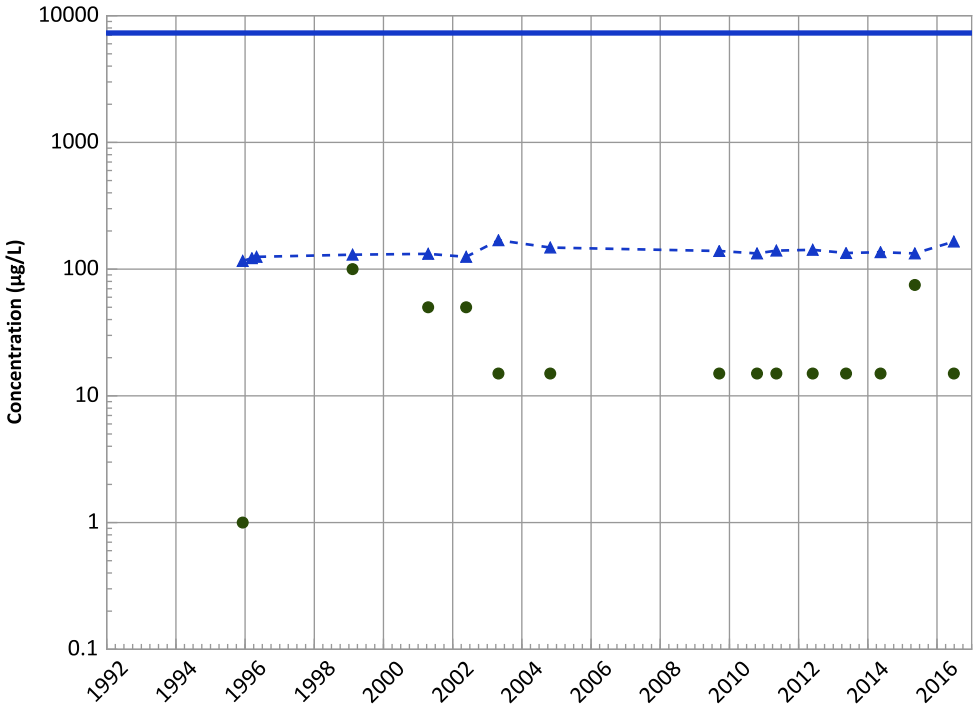
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

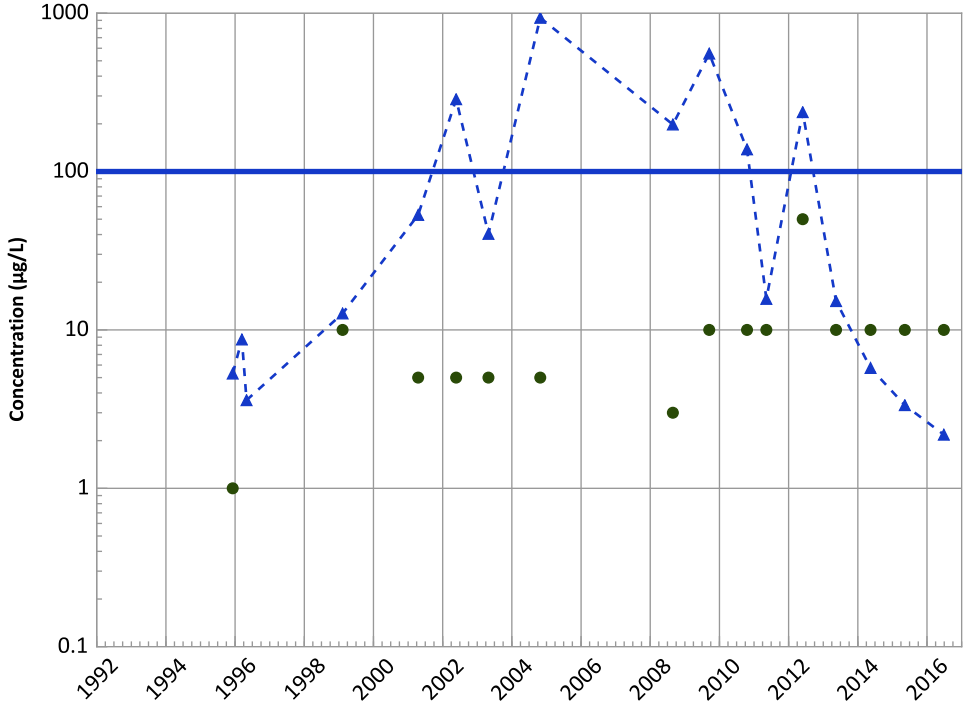


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Chromium, Total Trend



Concentration Trend

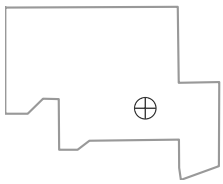
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/27/2016
Analysis Date: 03/07/2017

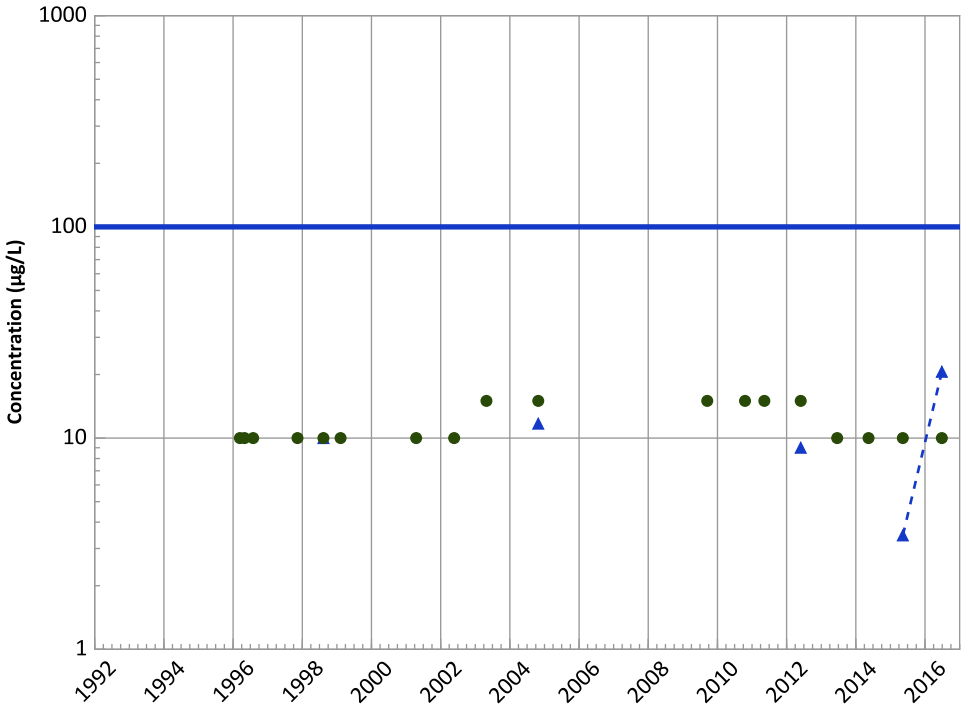
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

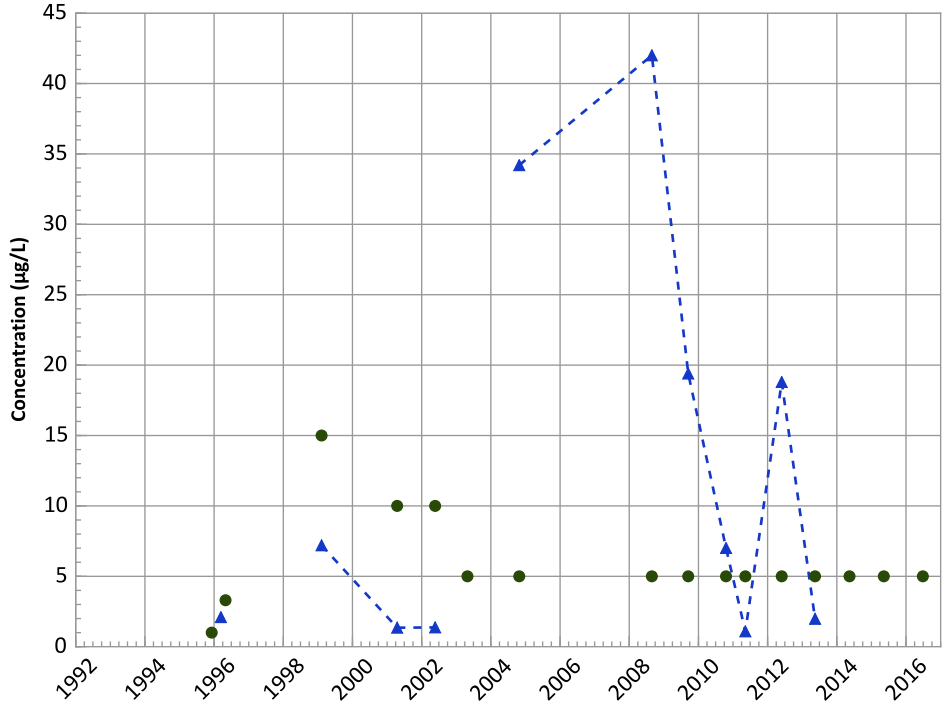


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Manganese Trend



Concentration Trend

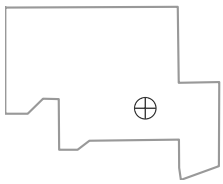
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/27/2016
Analysis Date: 03/07/2017

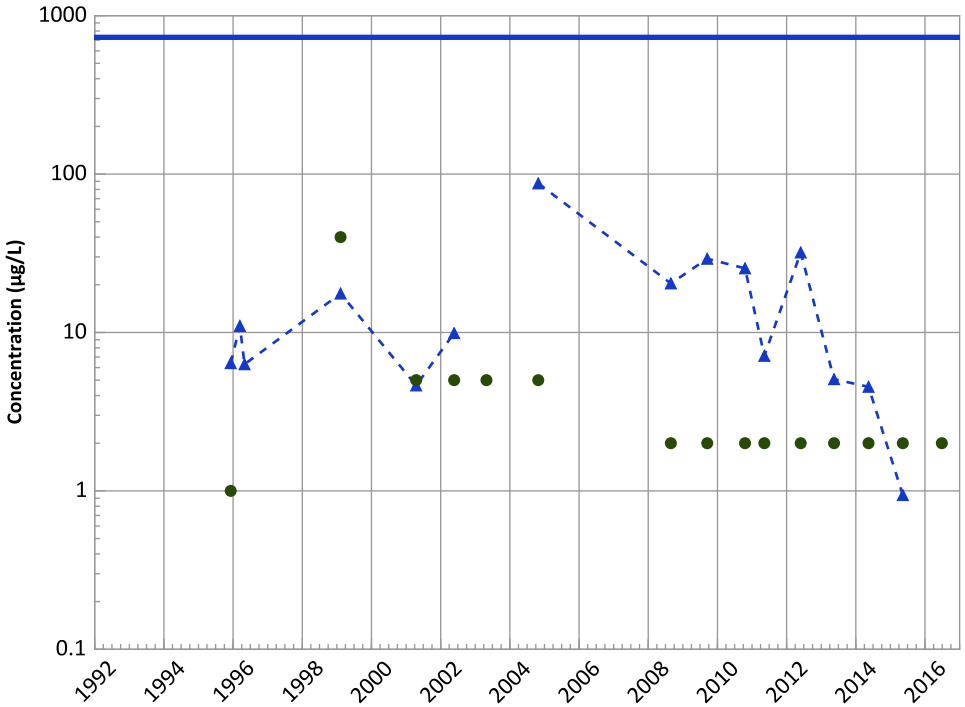
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

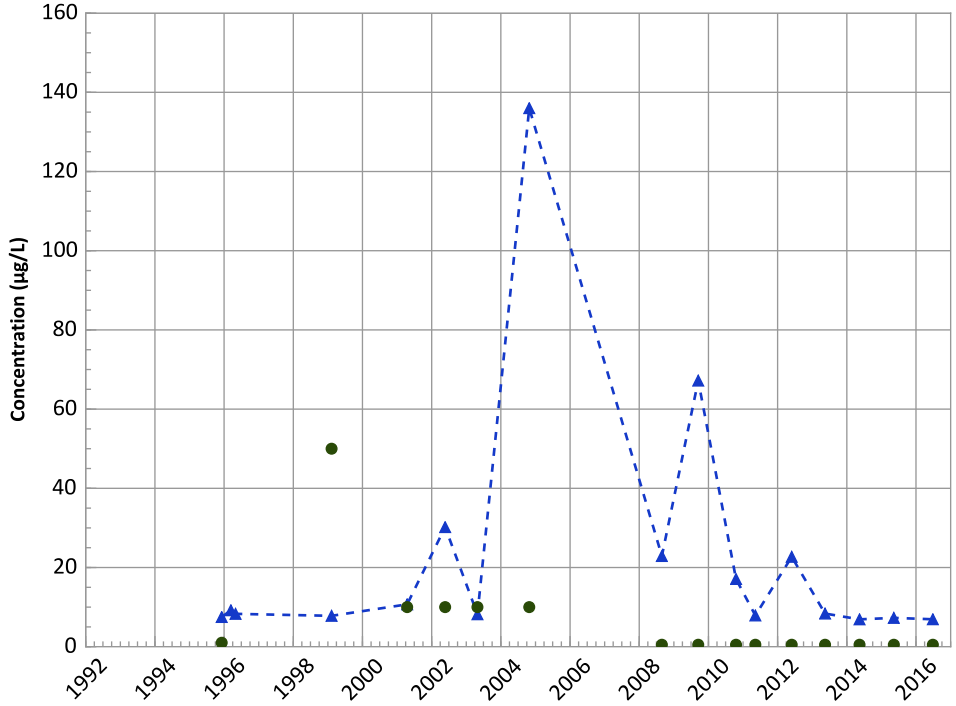


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

Molybdenum Trend



Concentration Trend

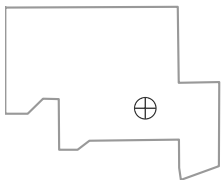
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/27/2016
Analysis Date: 03/07/2017

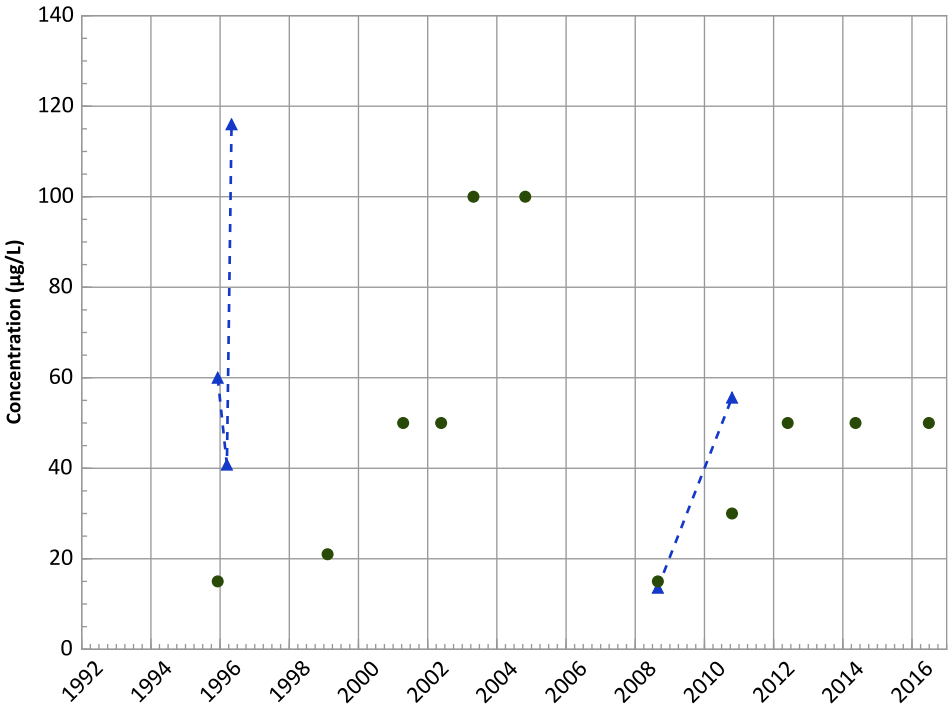
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

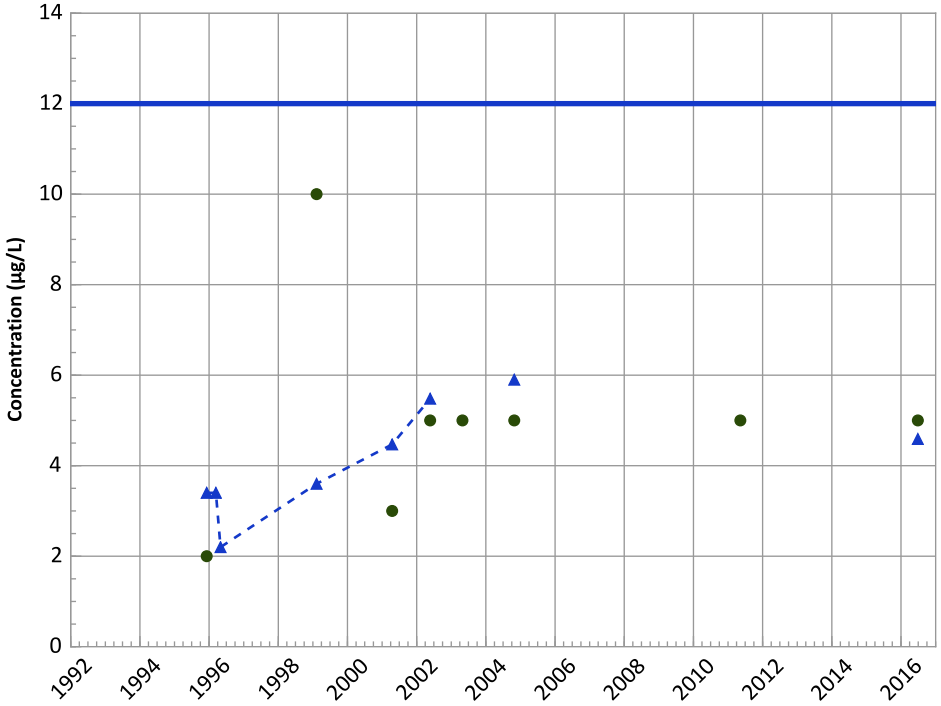


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Arsenic Trend



Concentration Trend

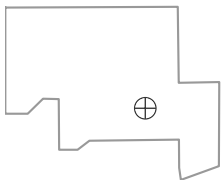
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/27/2016
Analysis Date: 03/07/2017

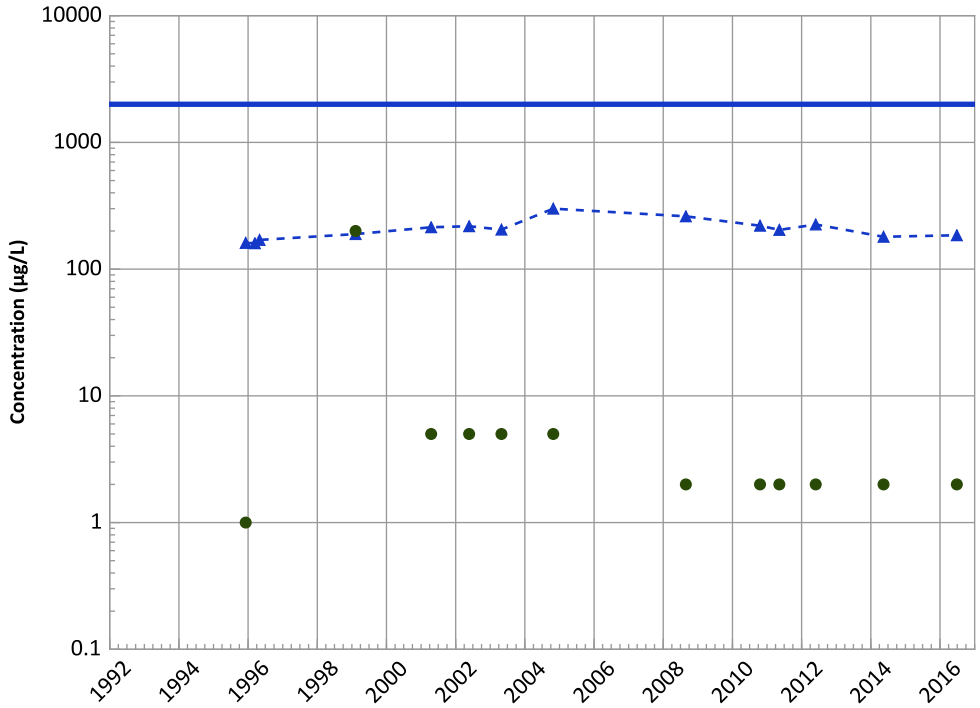
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

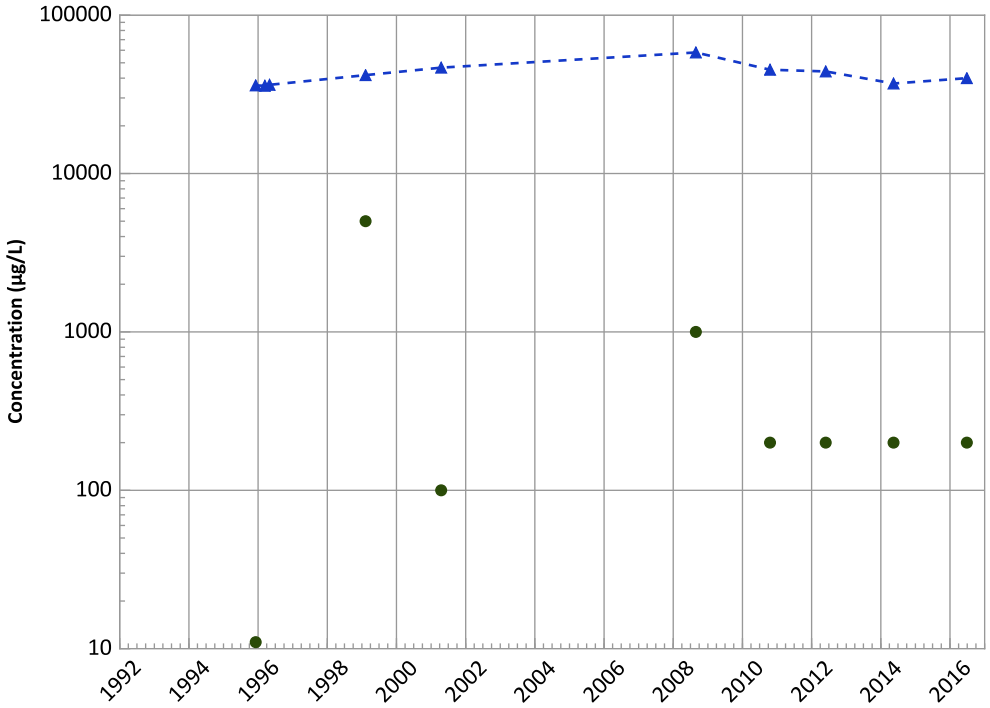


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
No Trend

Calcium Trend



Concentration Trend

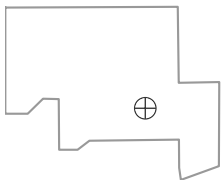
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/27/2016
Analysis Date: 03/07/2017

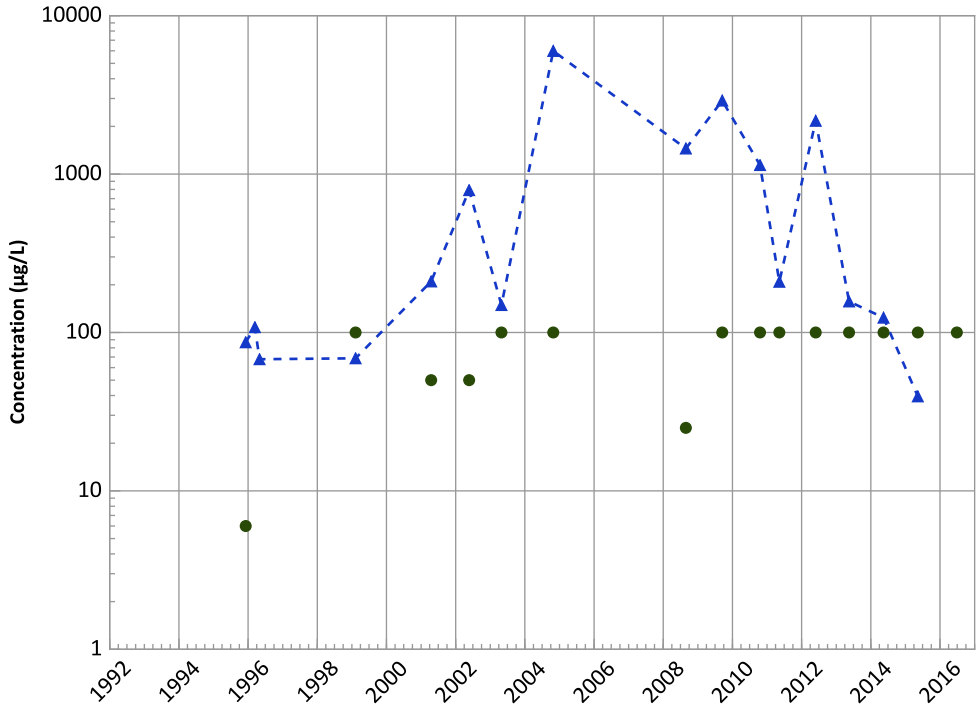
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

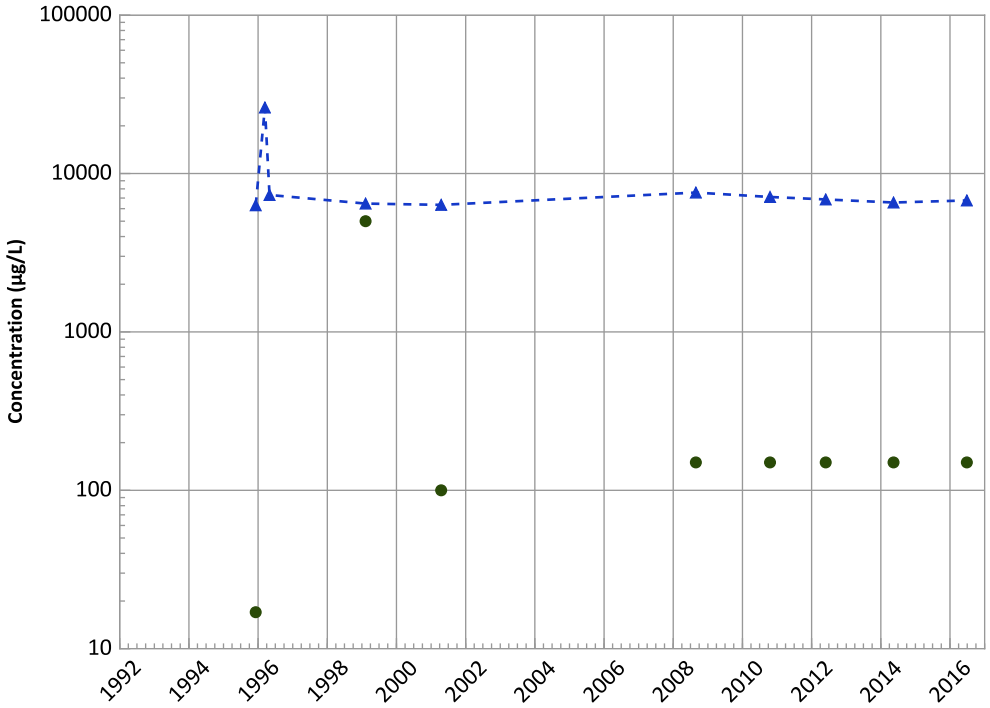


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

Potassium Trend



Concentration Trend

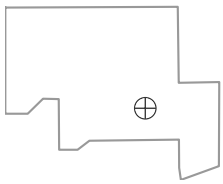
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/27/2016
Analysis Date: 03/07/2017

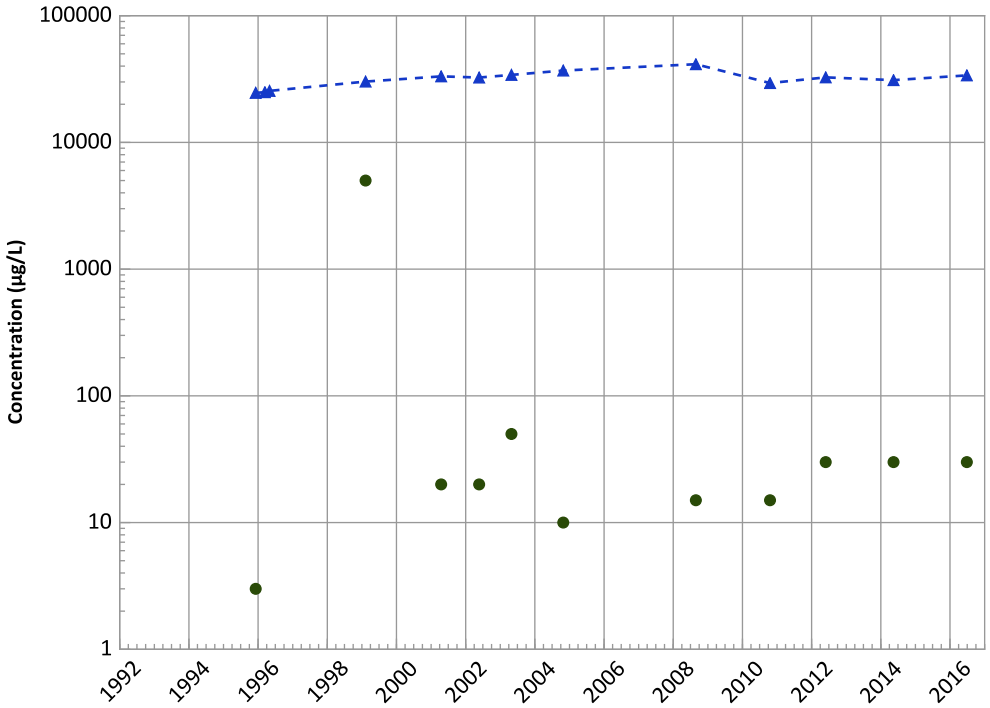
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

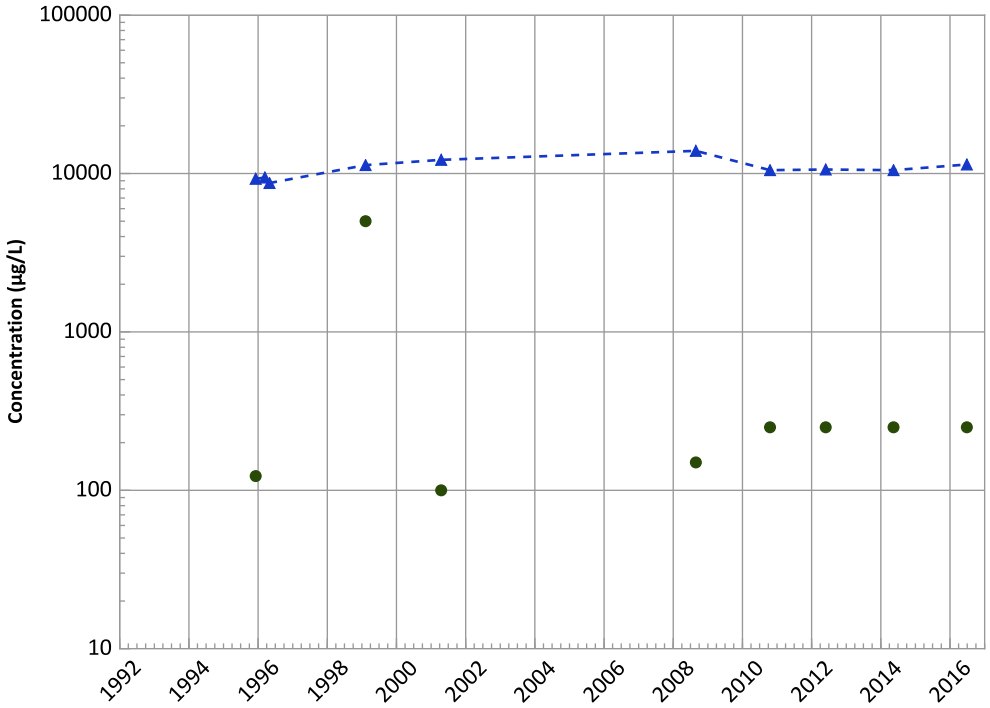


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Sodium Trend



Concentration Trend

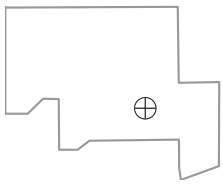
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

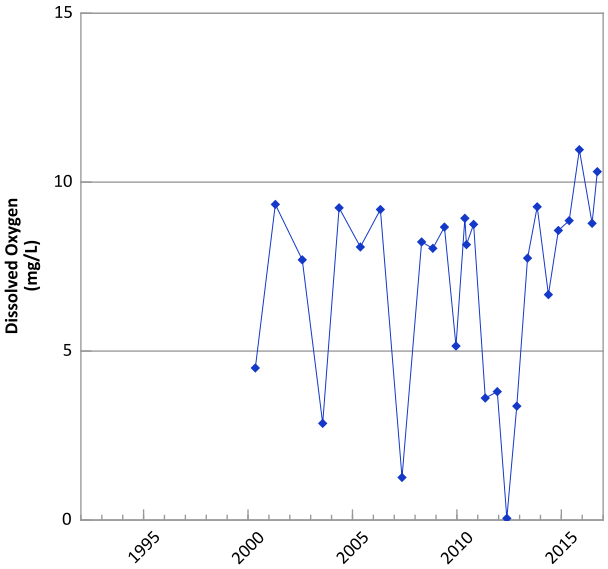
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/07/1995 to 06/27/2016
Analysis Date: 03/07/2017

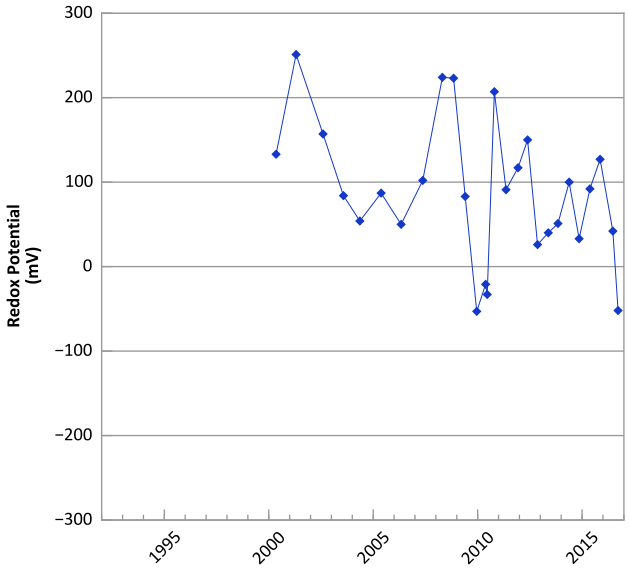
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

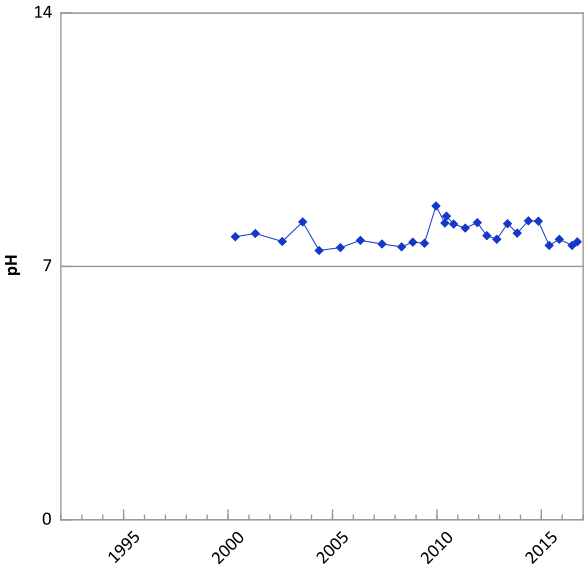
Well Location

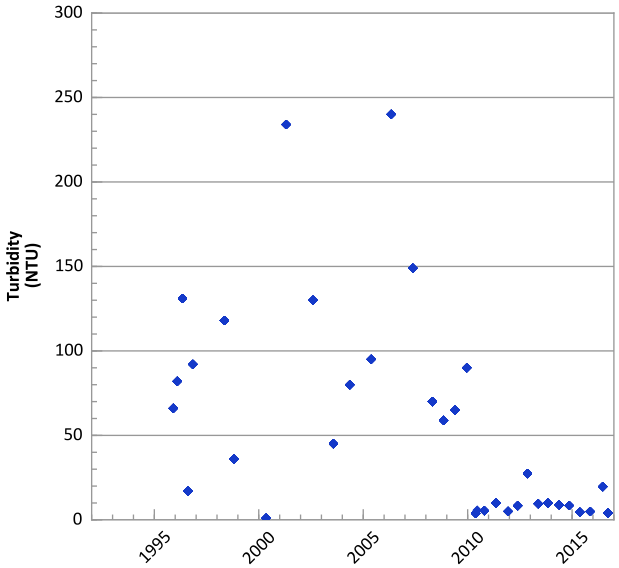


PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



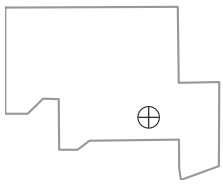






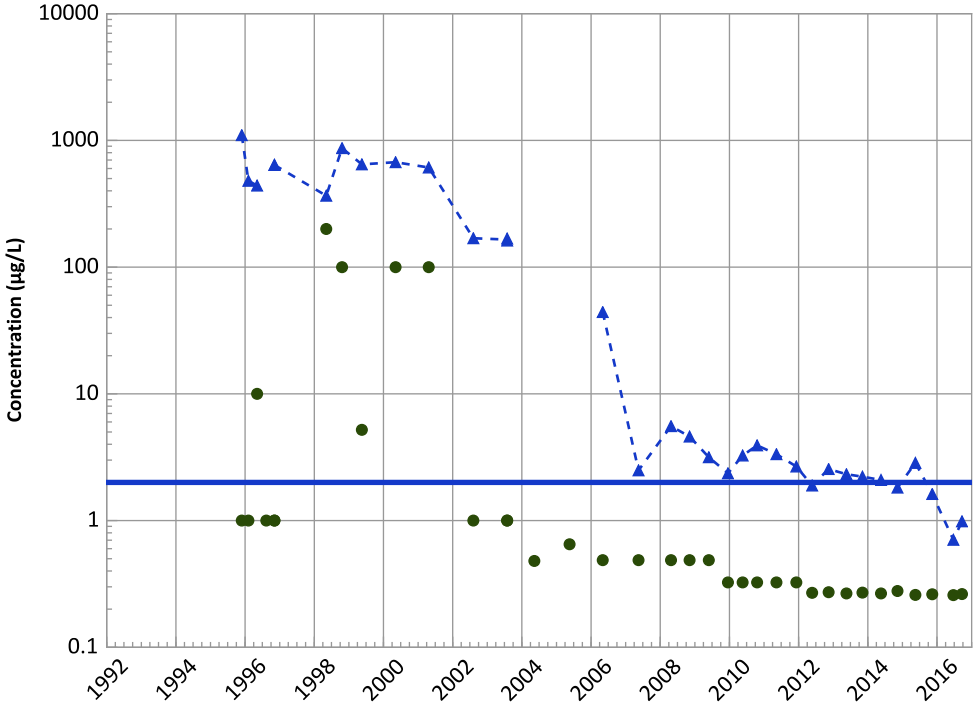
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 09/21/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

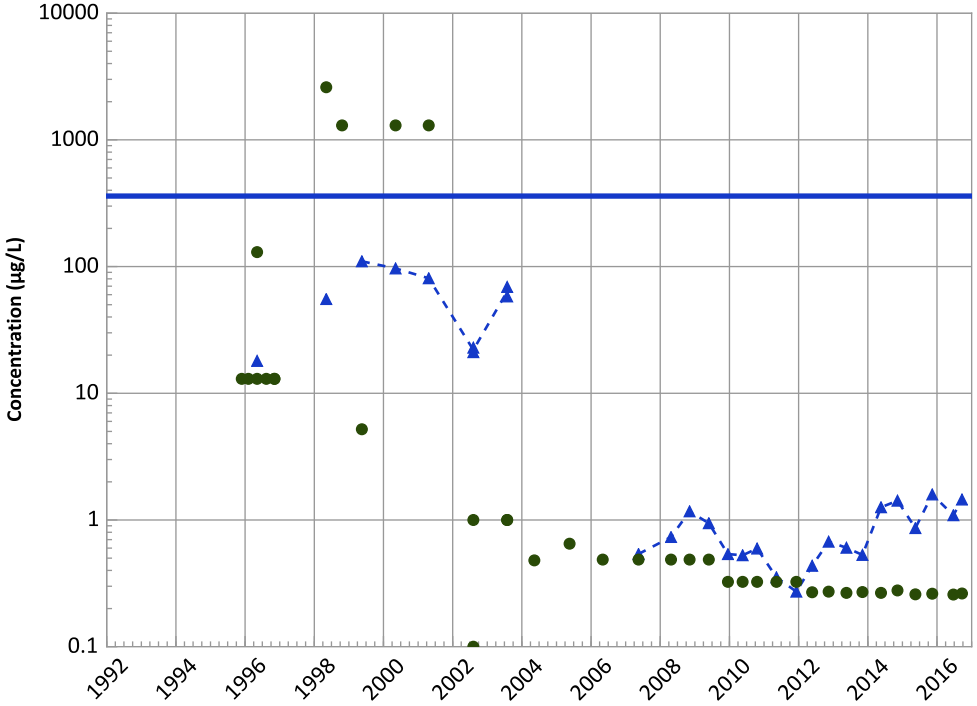


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

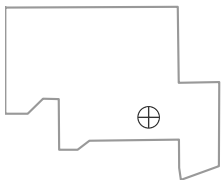
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 09/21/2016
Analysis Date: 03/07/2017

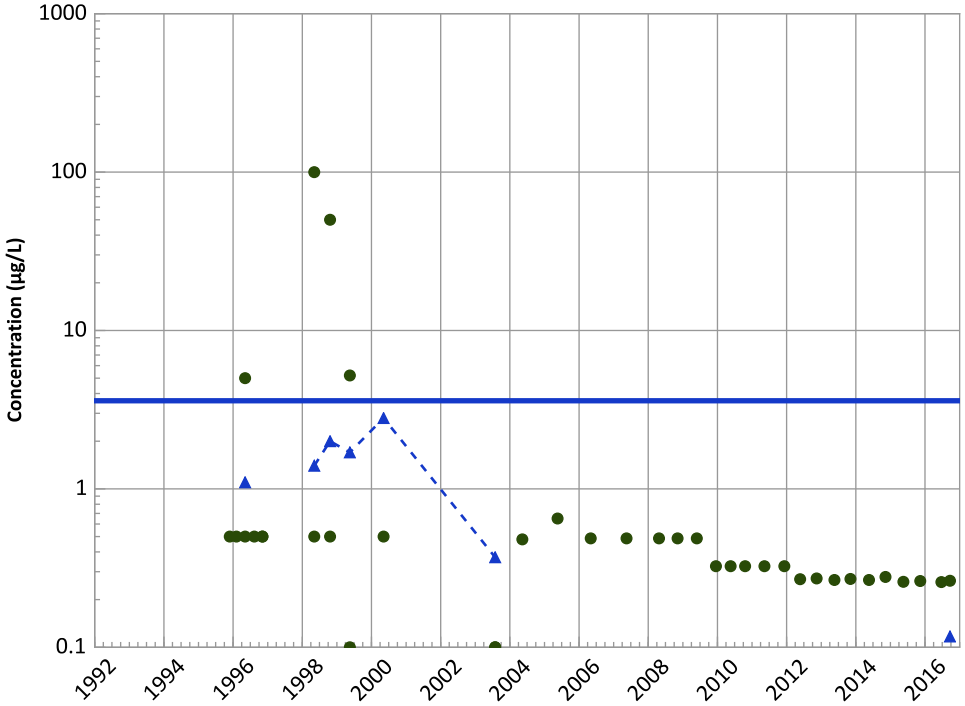
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

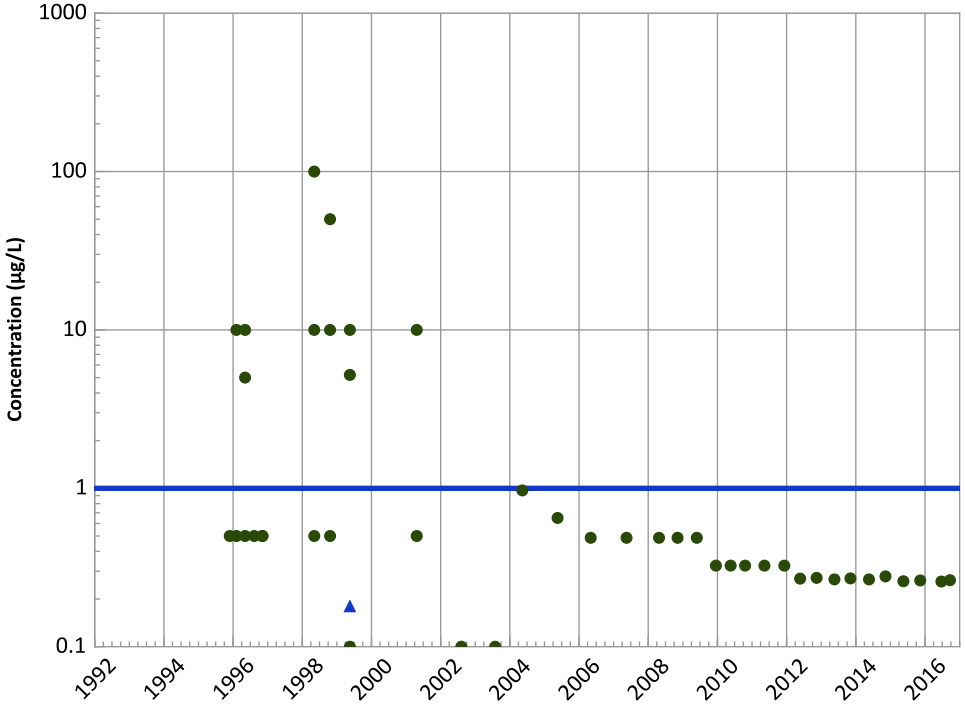


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

2,4-Dinitrotoluene Trend



Concentration Trend

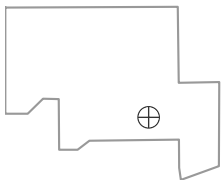
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 09/21/2016
Analysis Date: 03/07/2017

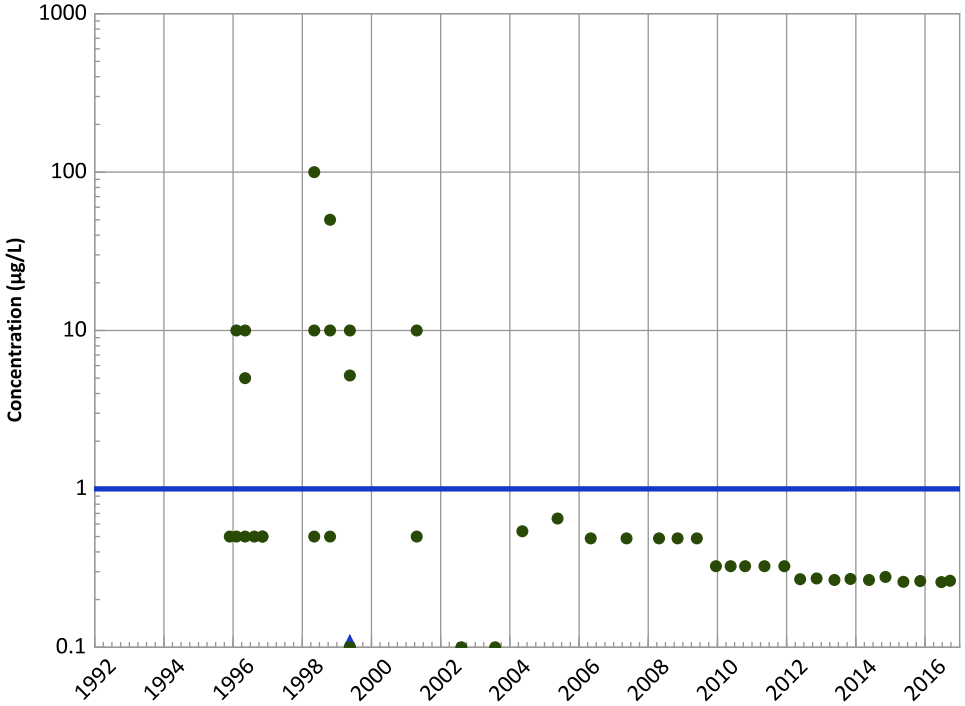
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

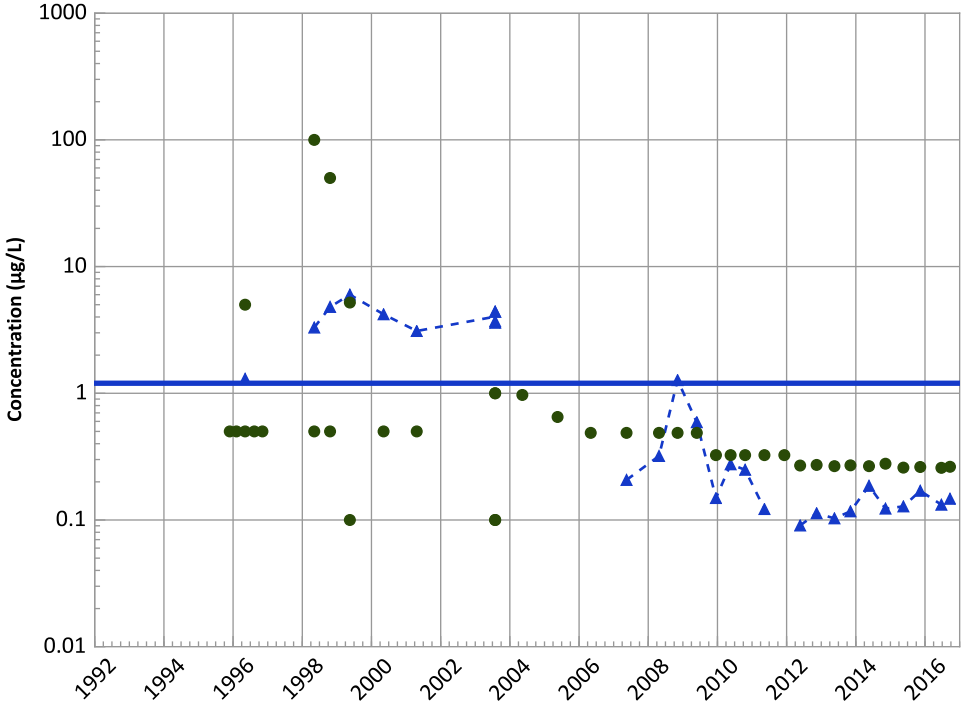


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

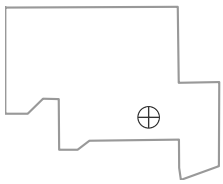
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 09/21/2016
Analysis Date: 03/07/2017

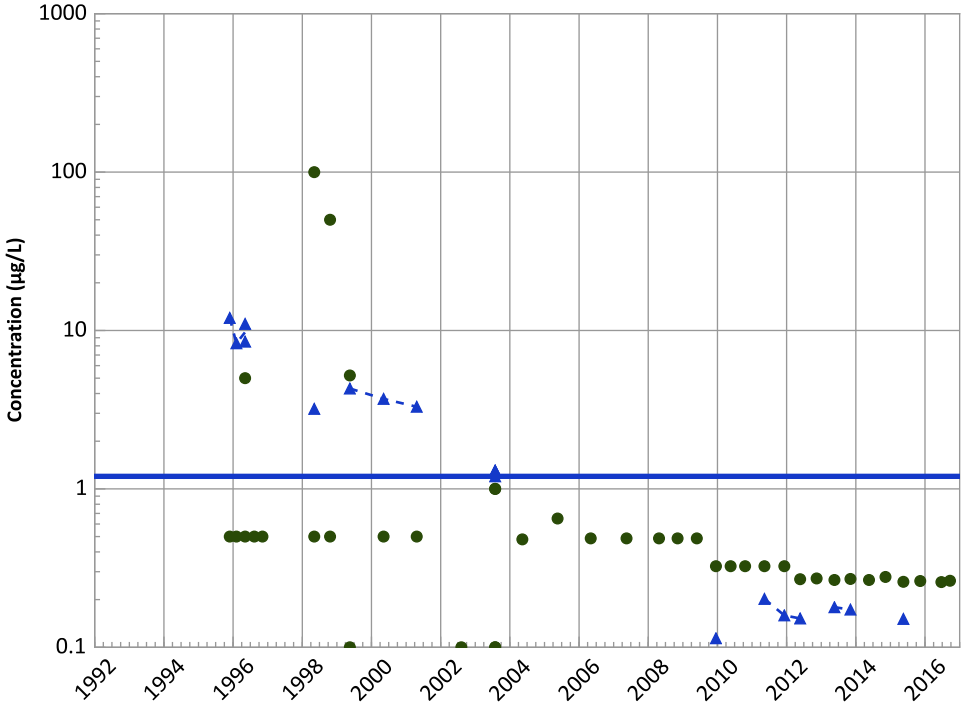
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

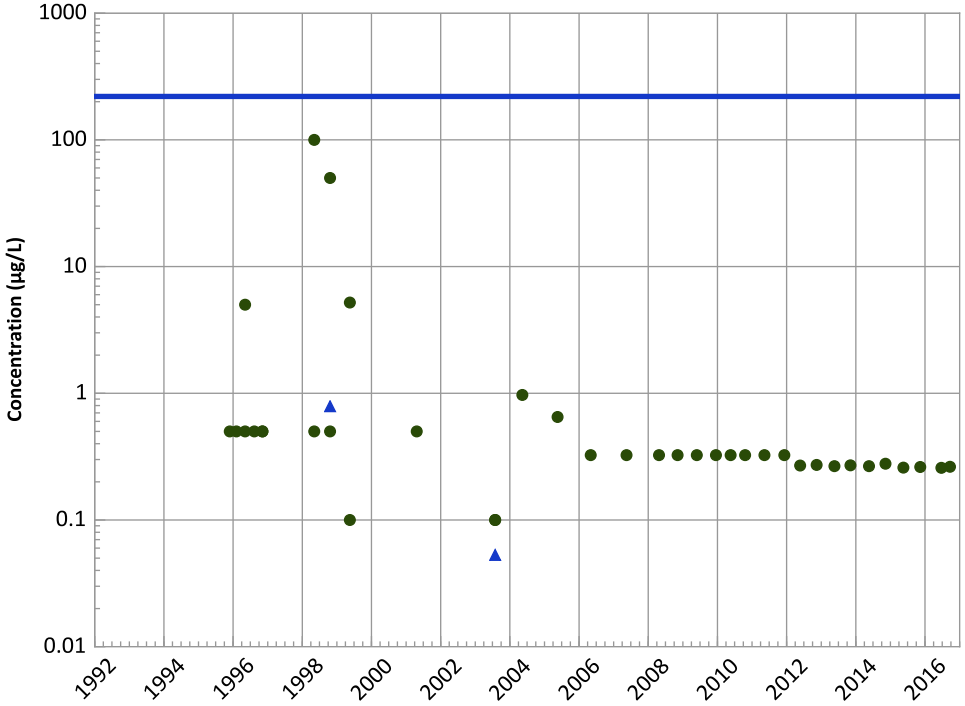


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

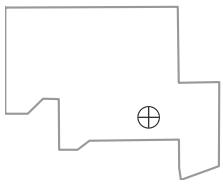
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 09/21/2016
Analysis Date: 03/07/2017

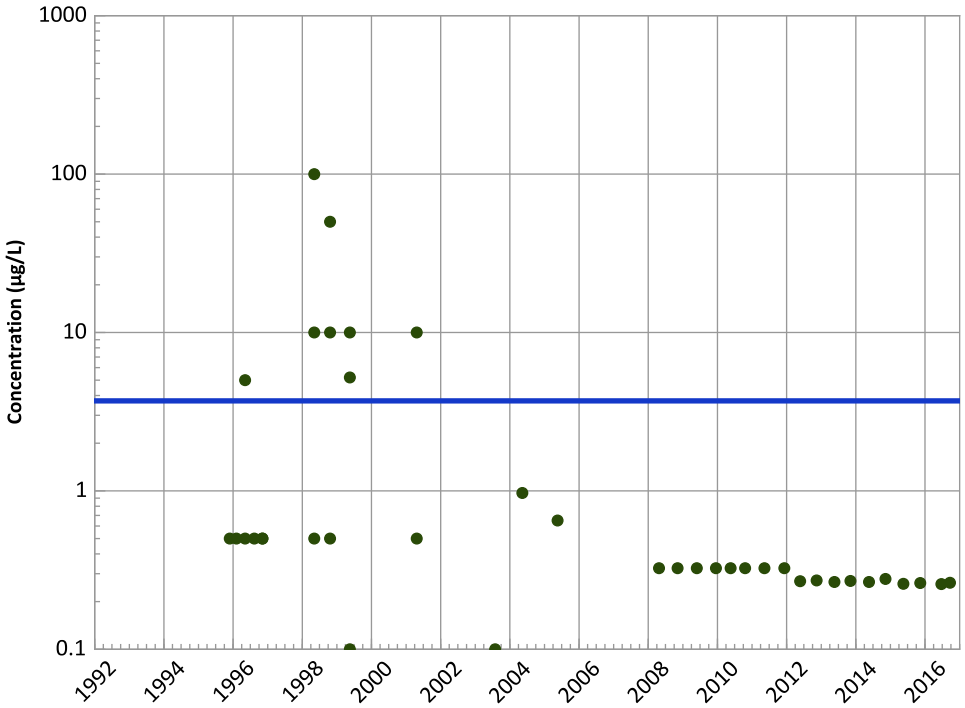
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

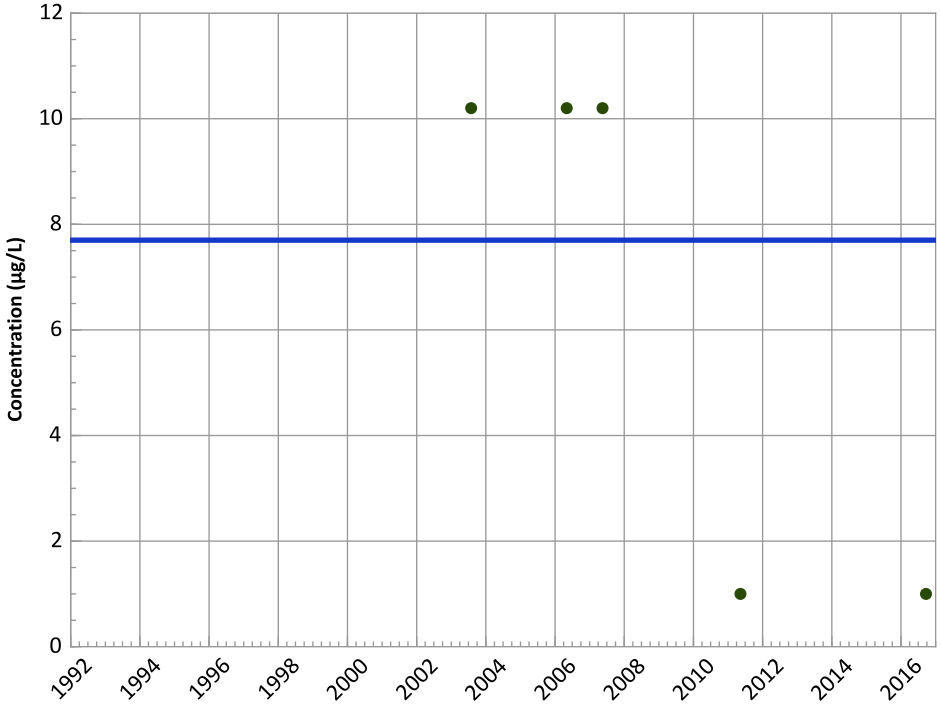


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

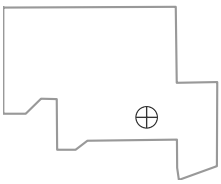
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 09/21/2016
Analysis Date: 03/07/2017

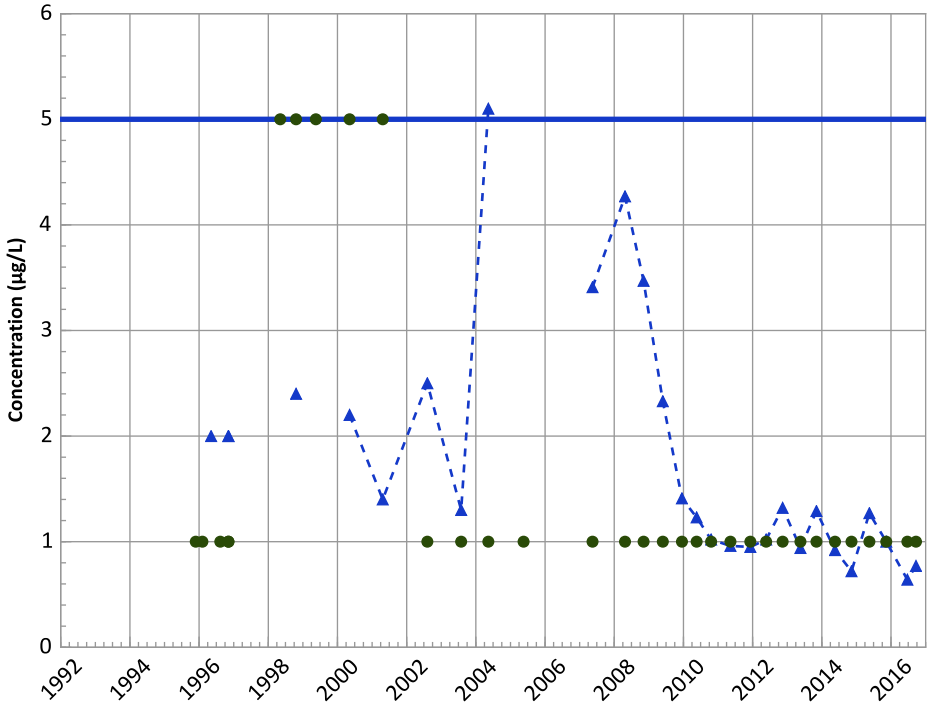
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

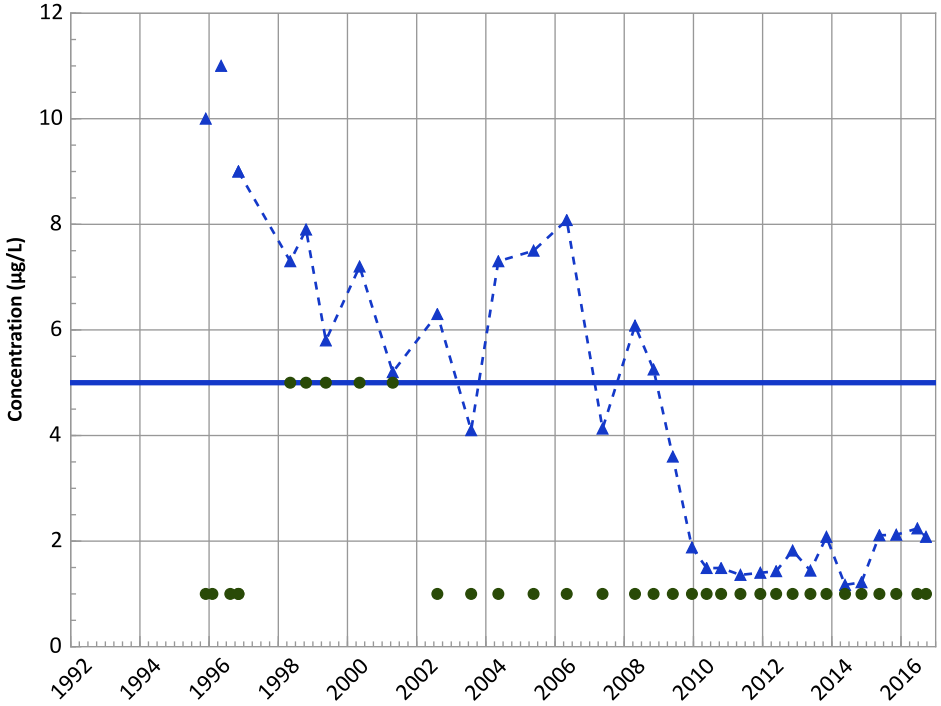


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Trichloroethene Trend



Concentration Trend

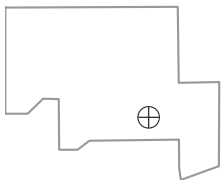
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 09/21/2016
Analysis Date: 03/07/2017

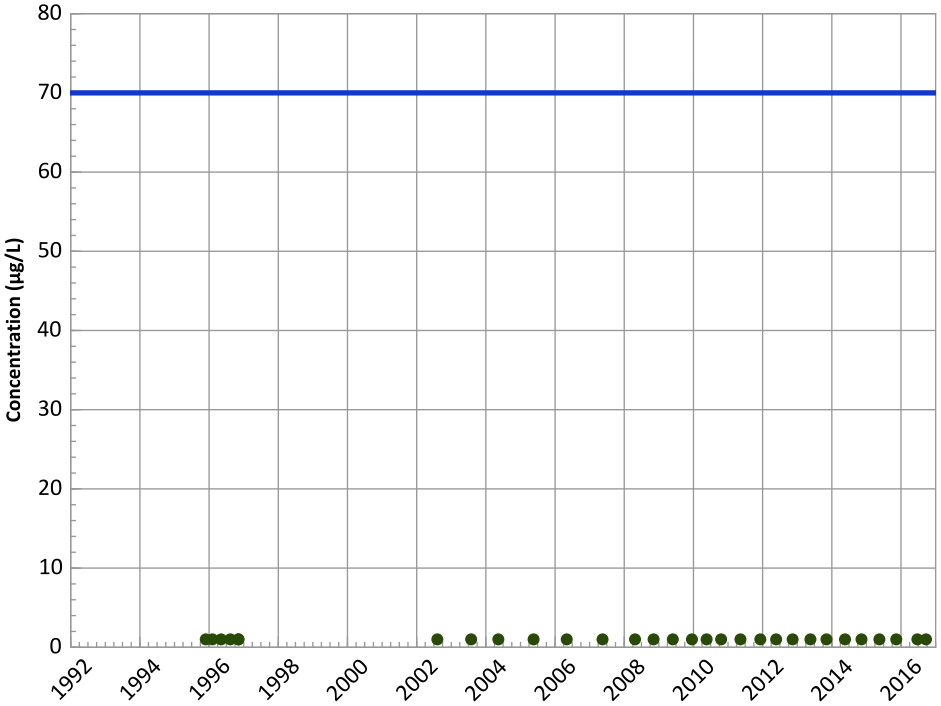
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

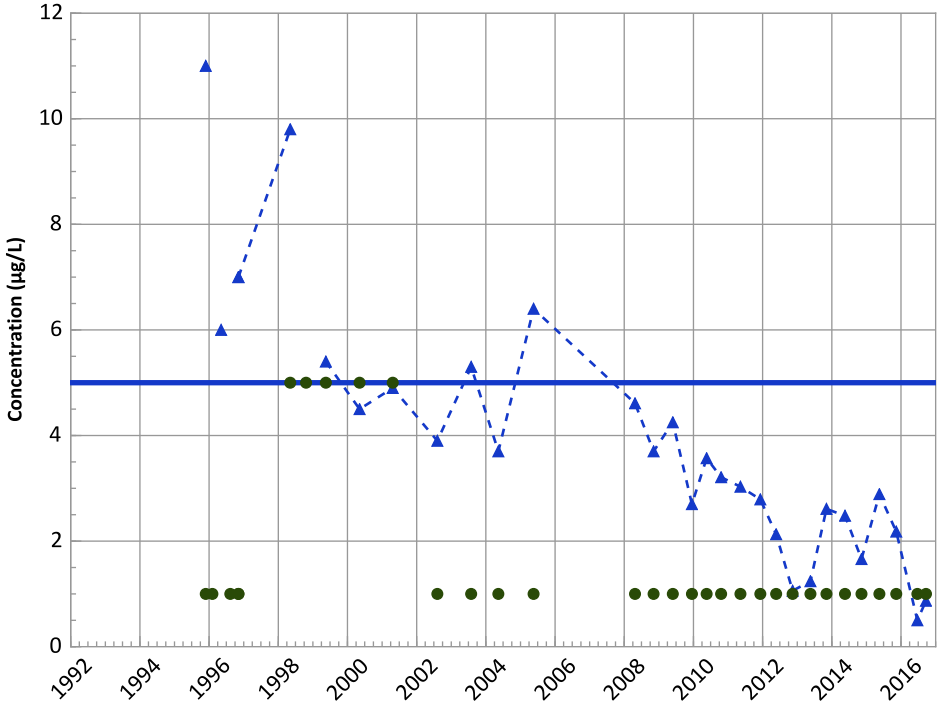


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

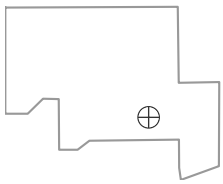
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 09/21/2016
Analysis Date: 03/07/2017

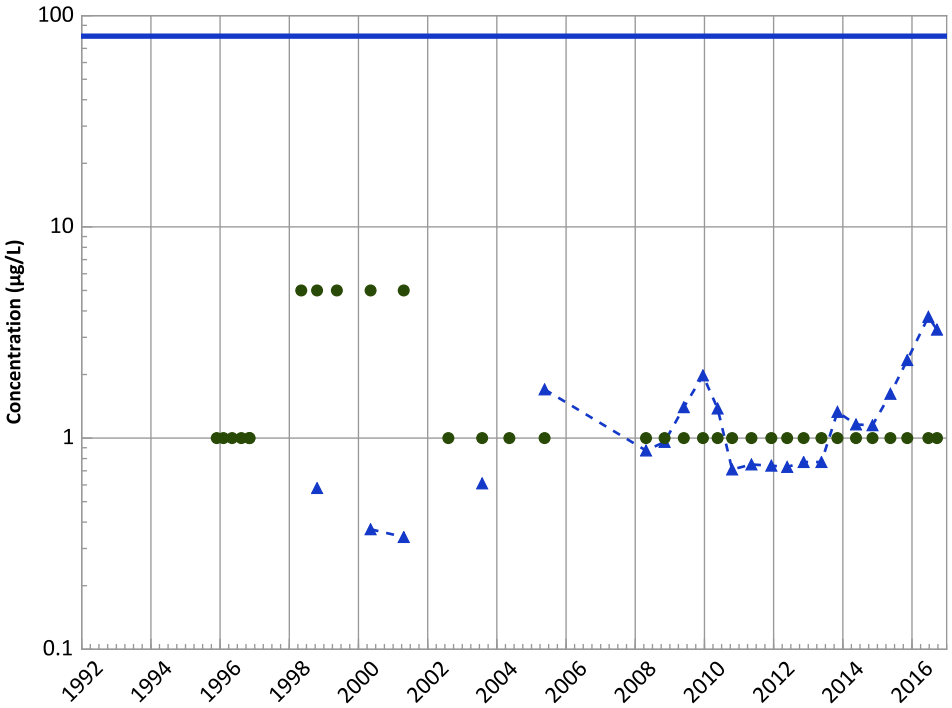
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

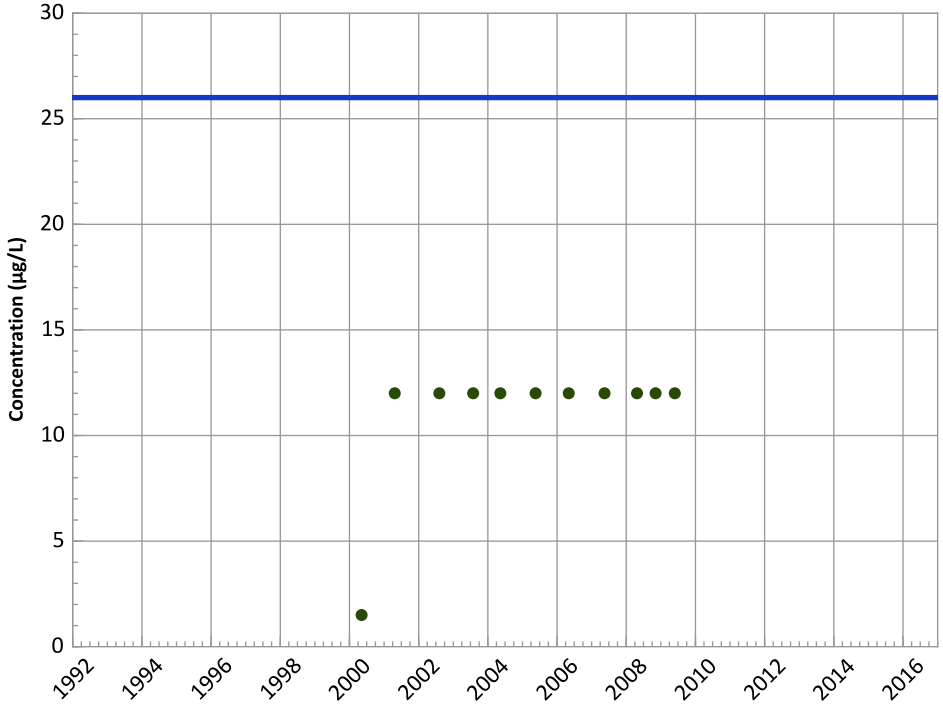


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Perchlorate Trend



Concentration Trend

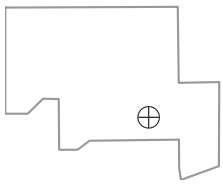
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 09/21/2016
Analysis Date: 03/07/2017

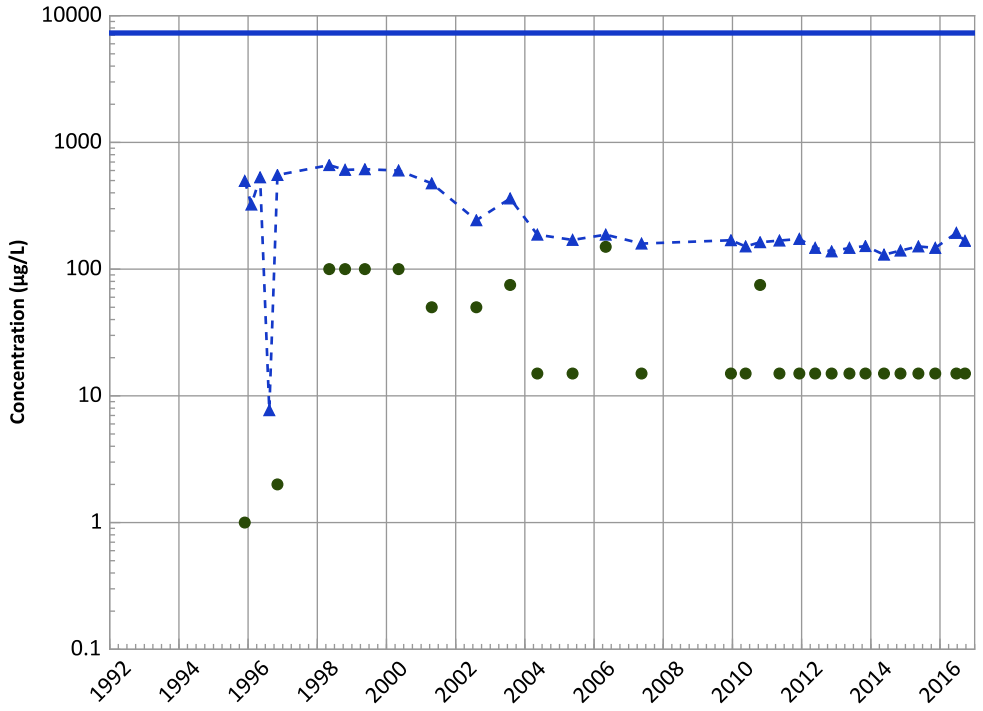
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

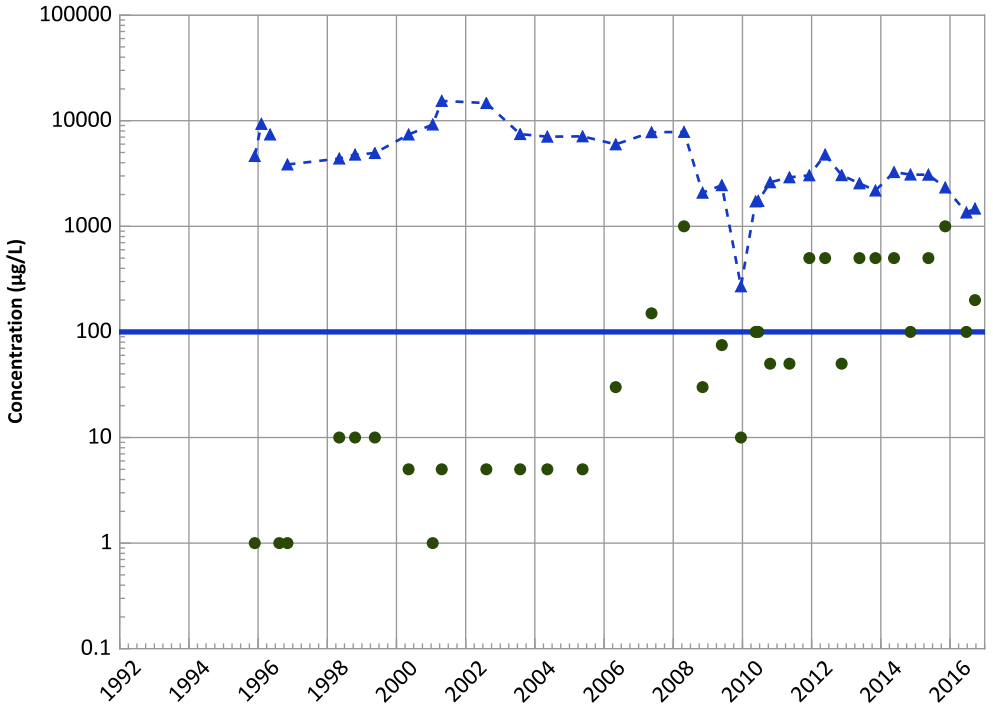


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

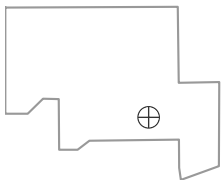
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 09/21/2016
Analysis Date: 03/07/2017

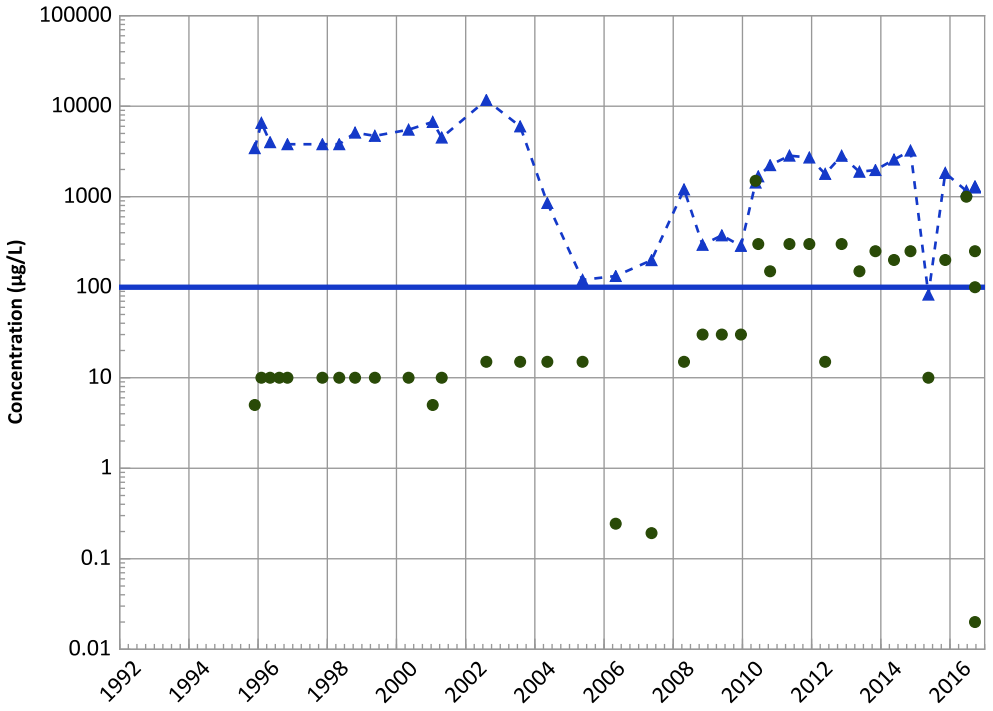
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

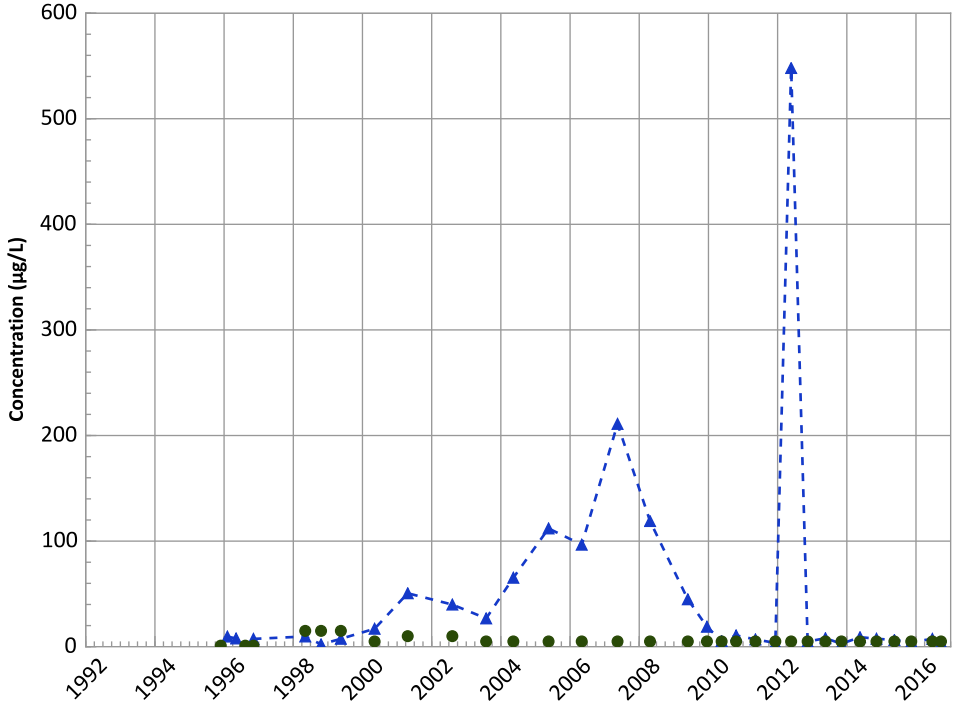


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Manganese Trend



Concentration Trend

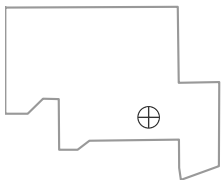
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 09/21/2016
Analysis Date: 03/07/2017

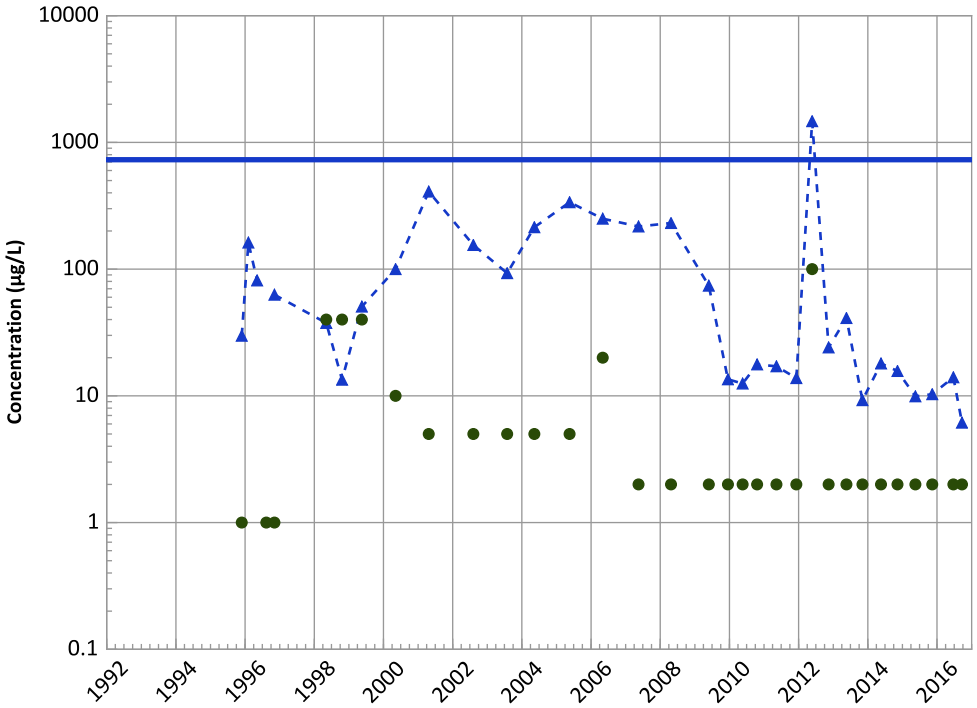
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

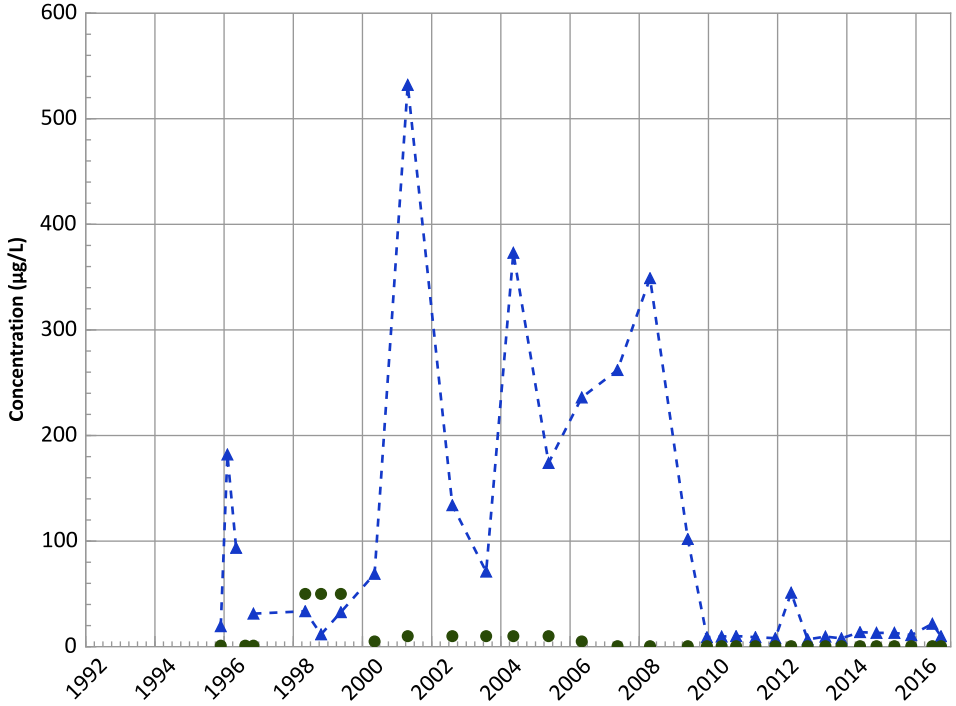


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Molybdenum Trend



Concentration Trend

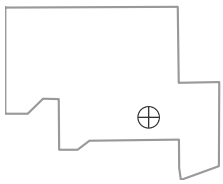
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 09/21/2016
Analysis Date: 03/07/2017

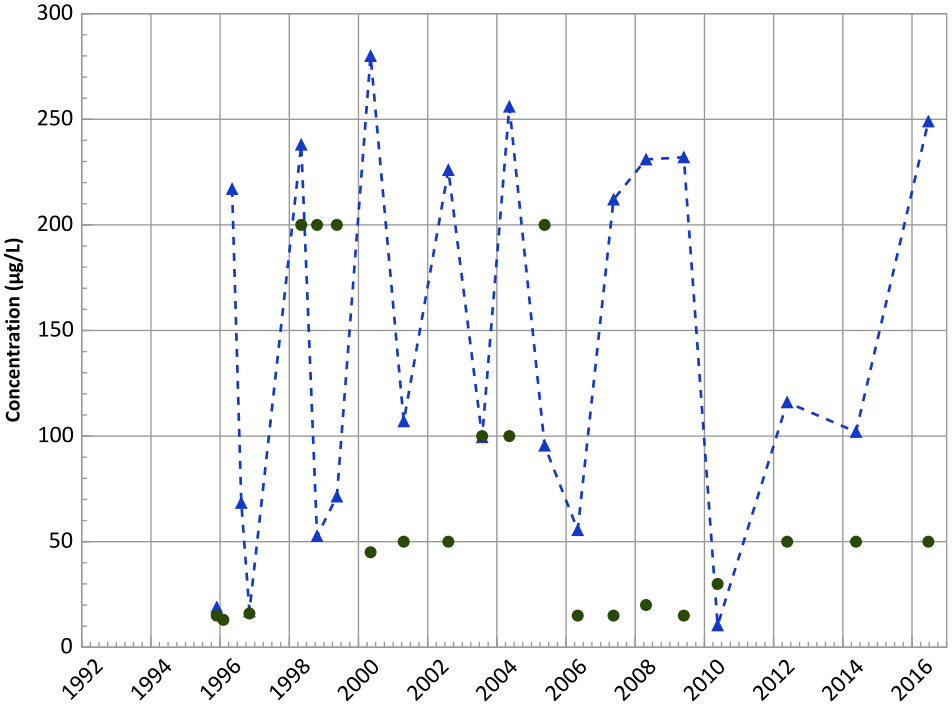
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

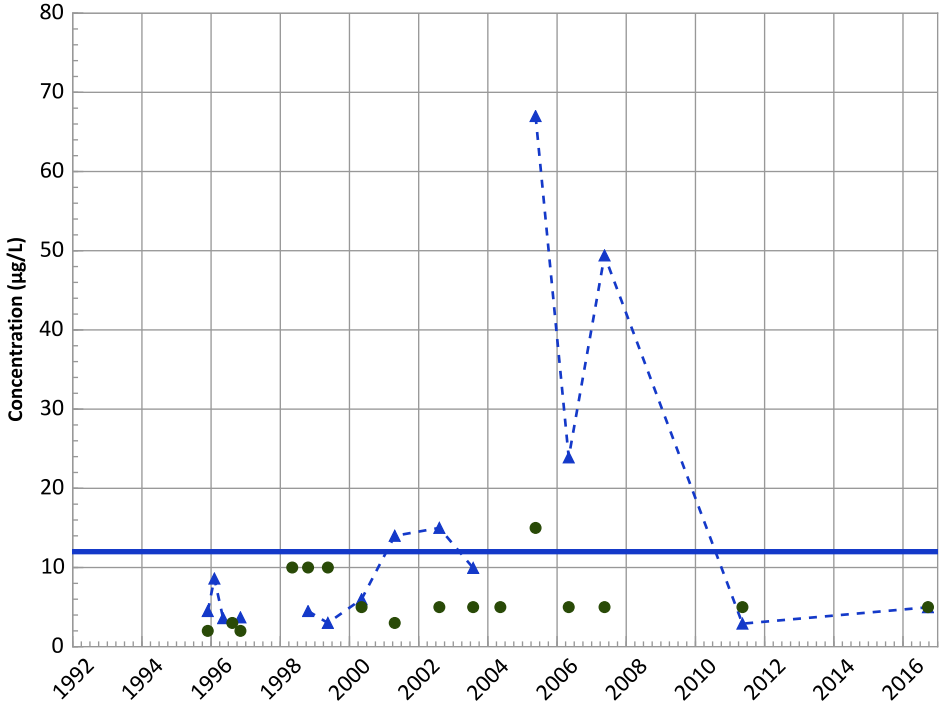


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
No Trend

Arsenic Trend



Concentration Trend

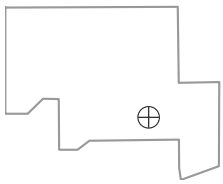
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 09/21/2016
Analysis Date: 03/07/2017

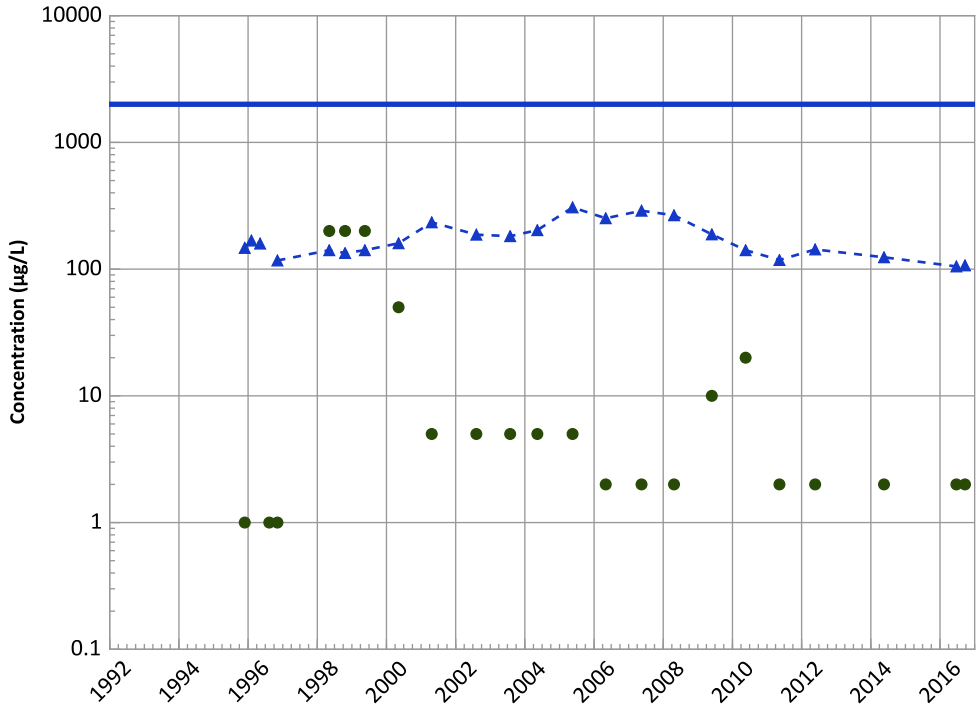
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

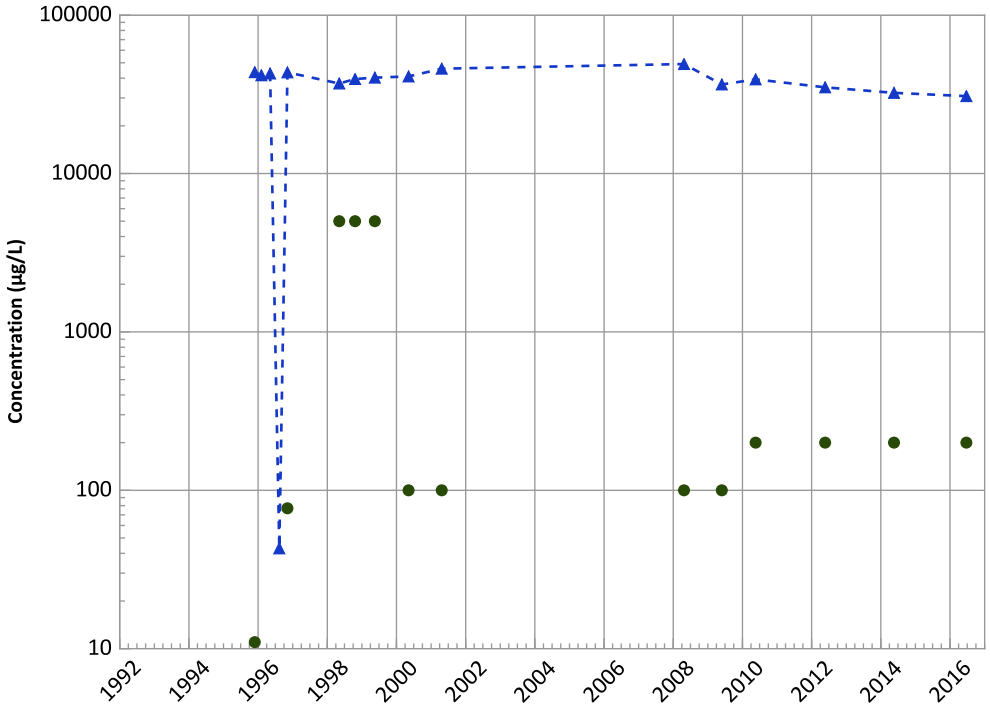


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Stable

Calcium Trend



Concentration Trend

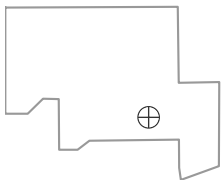
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 09/21/2016
Analysis Date: 03/07/2017

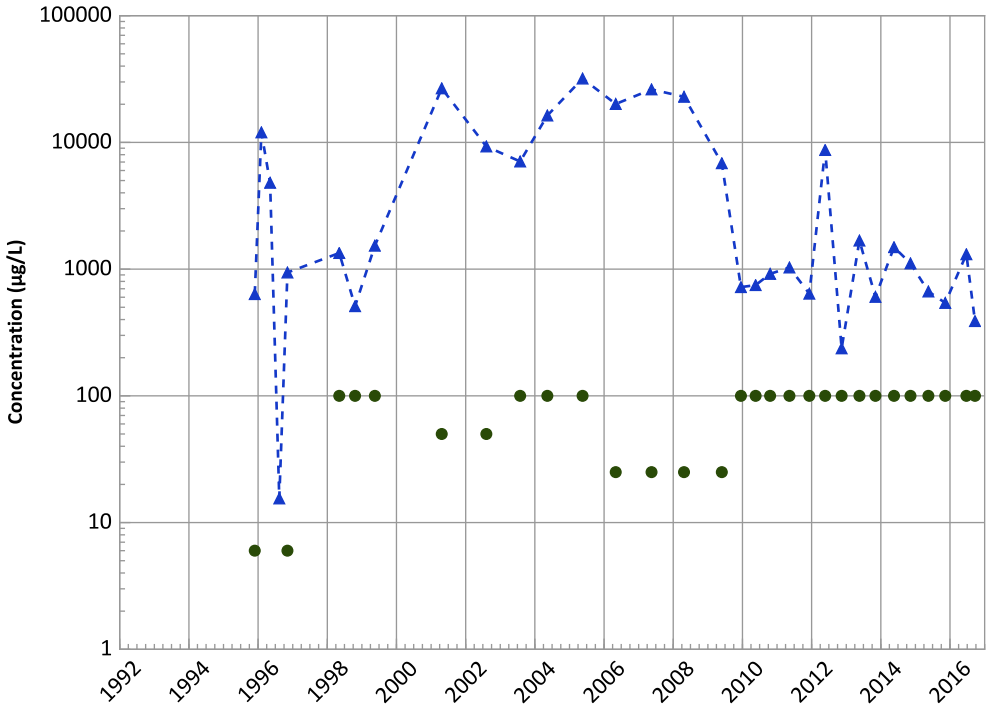
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

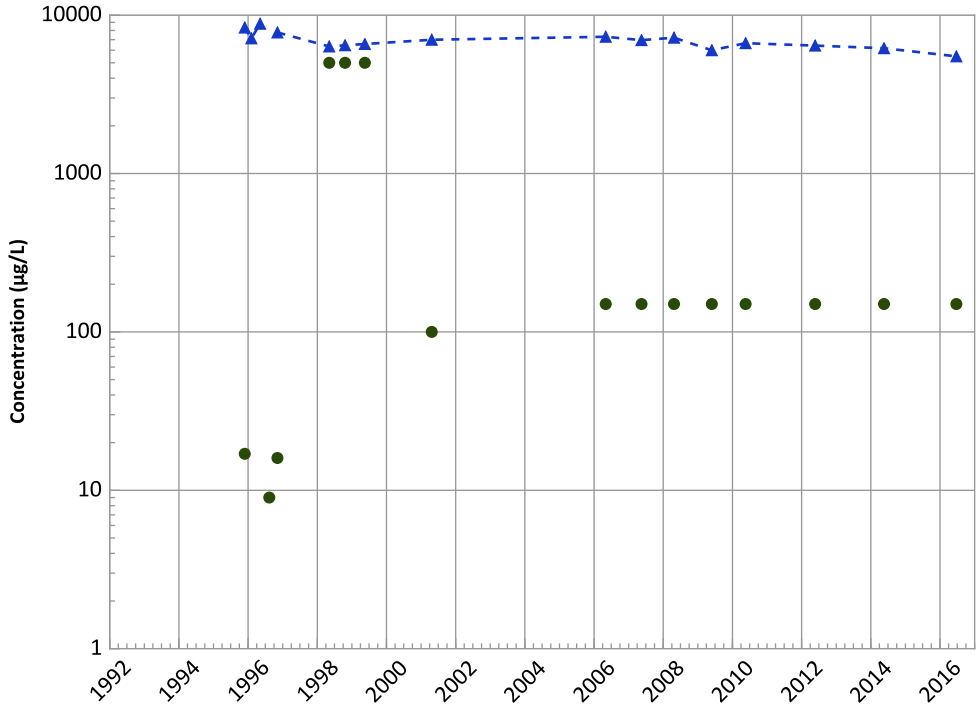


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Potassium Trend



Concentration Trend

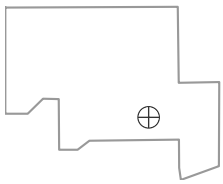
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 09/21/2016
Analysis Date: 03/07/2017

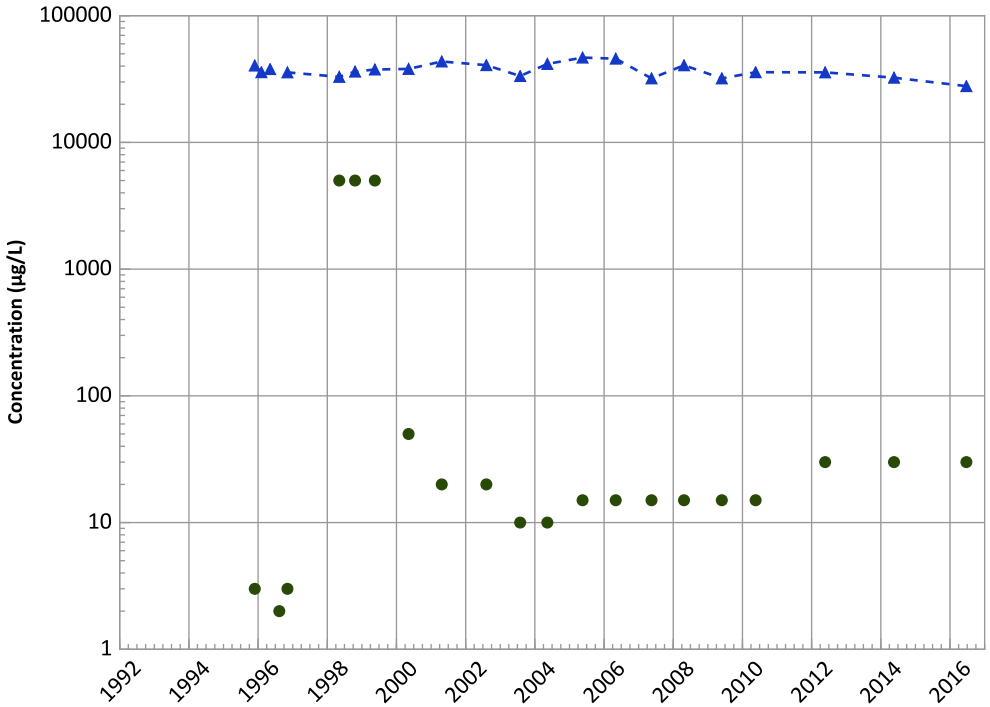
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

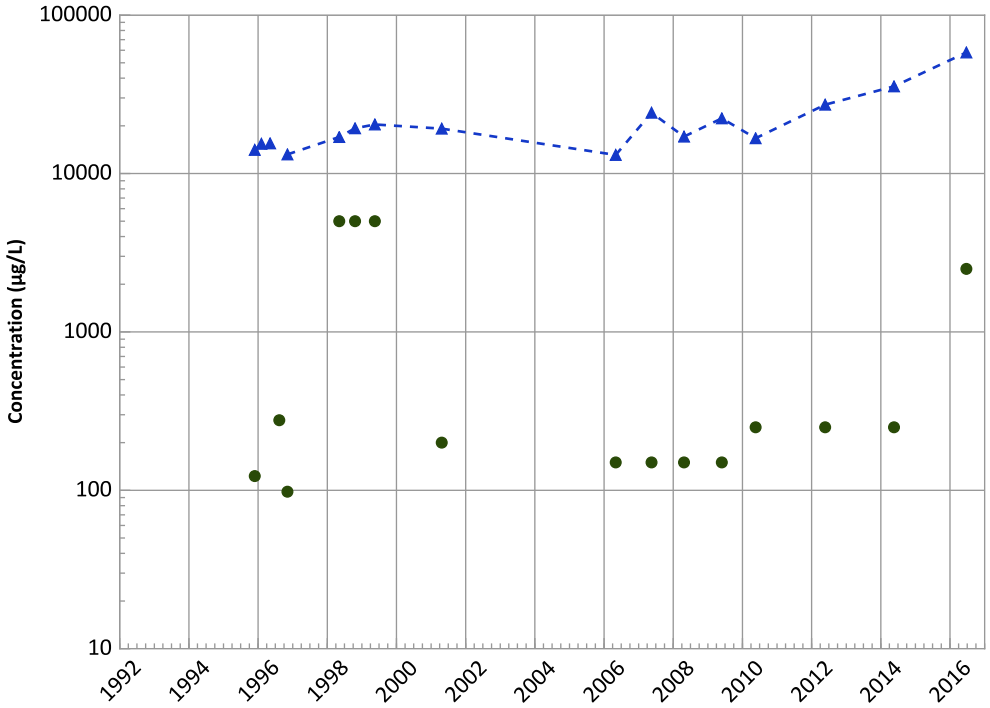


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Decreasing

Sodium Trend



Concentration Trend

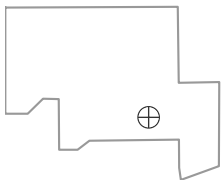
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

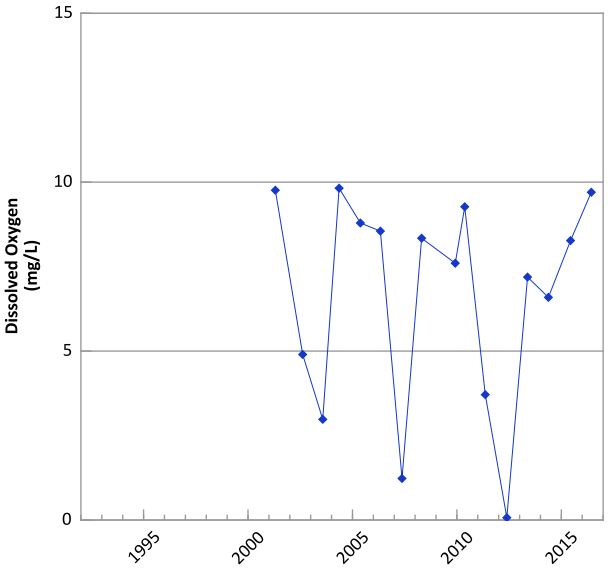
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 09/21/2016
Analysis Date: 03/07/2017

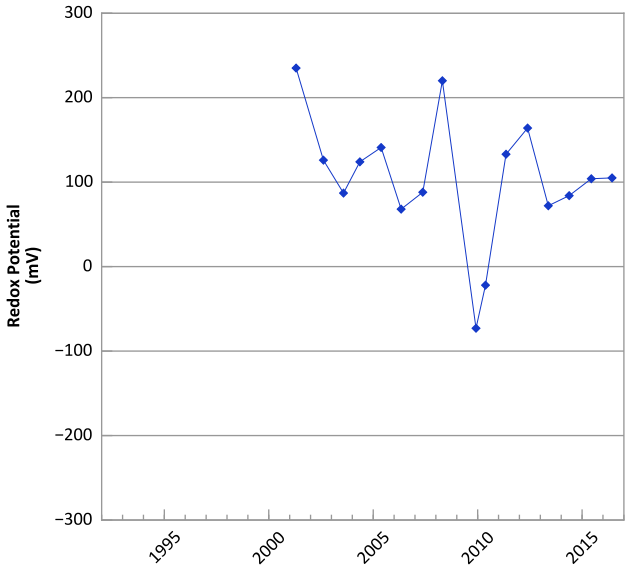
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

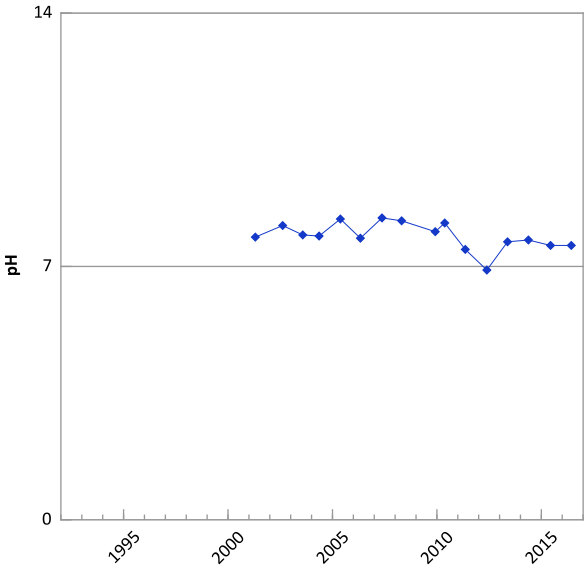
Well Location

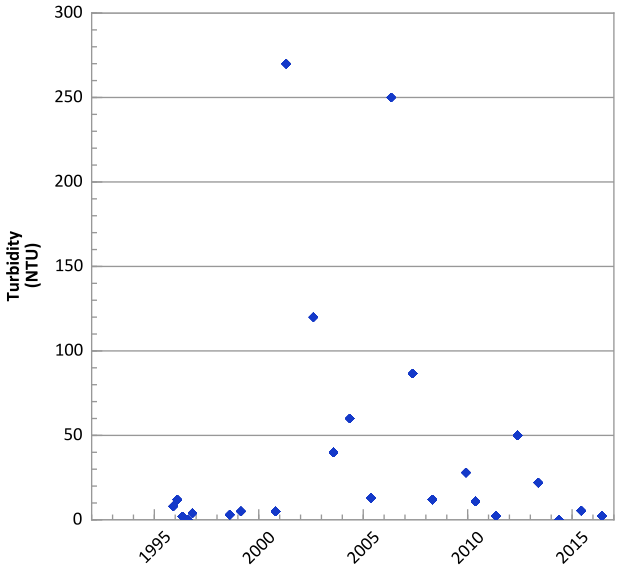


PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



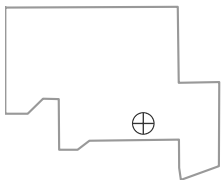






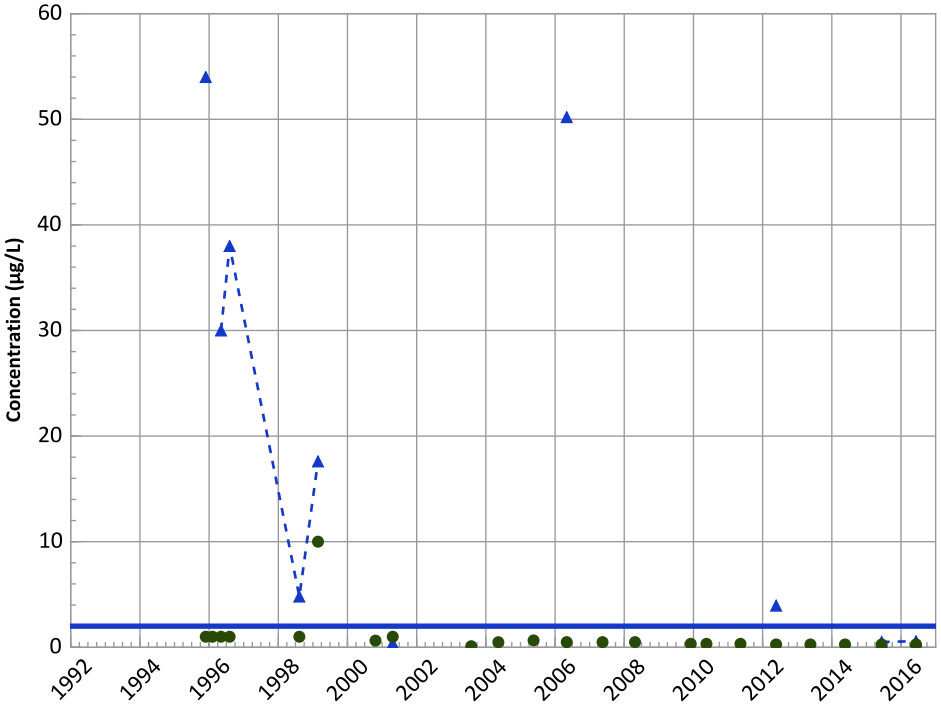
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 06/08/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

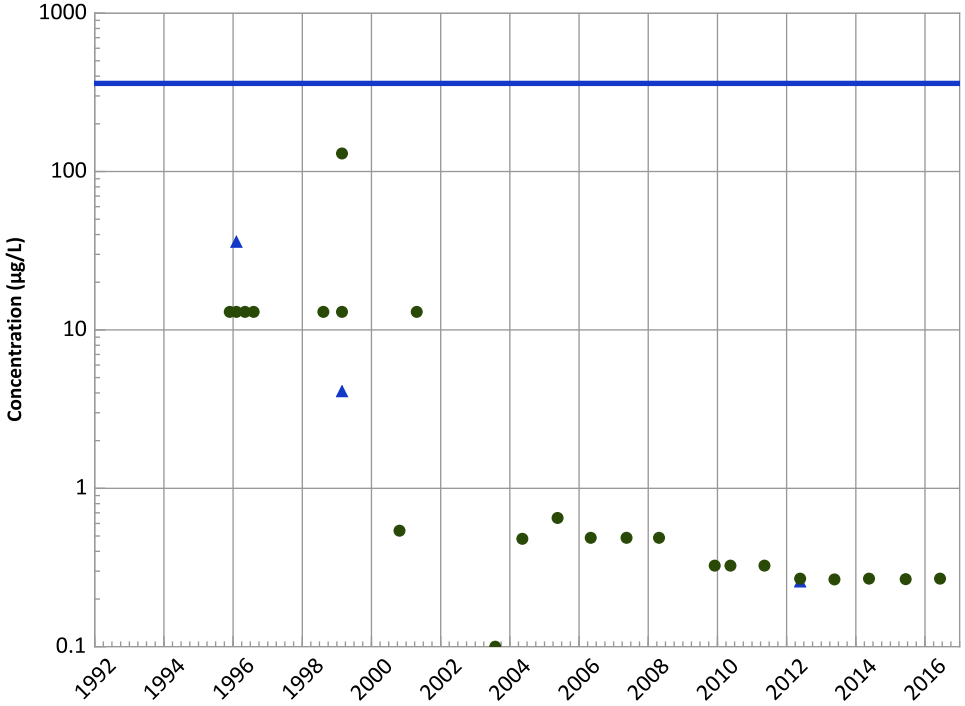


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

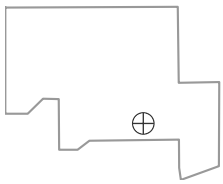
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 06/08/2016
Analysis Date: 03/07/2017

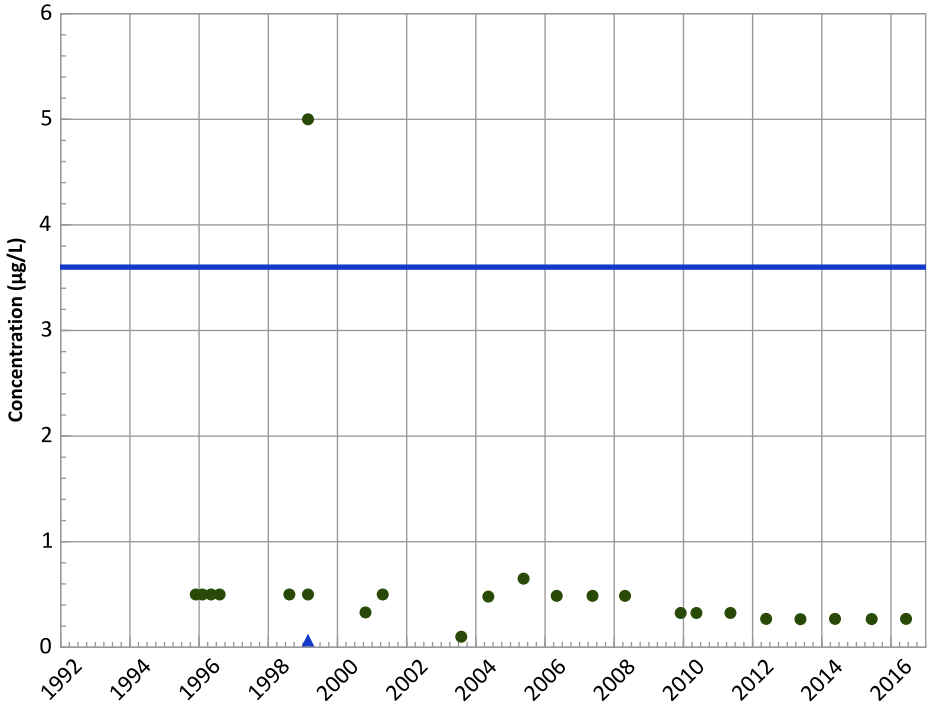
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

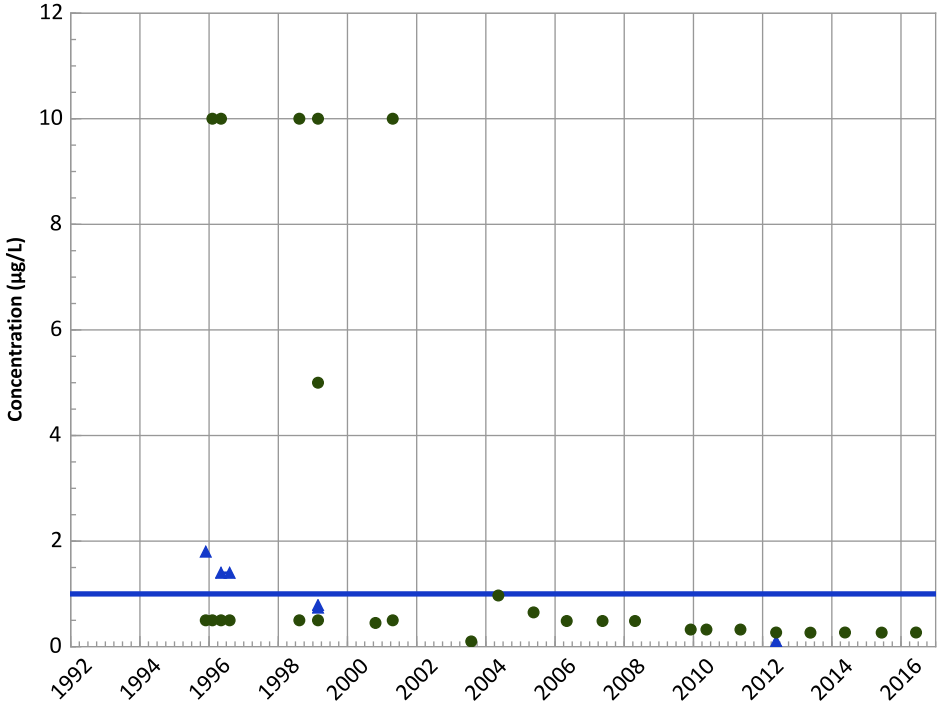


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

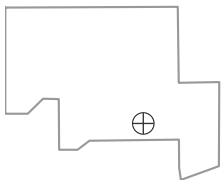
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 06/08/2016
Analysis Date: 03/07/2017

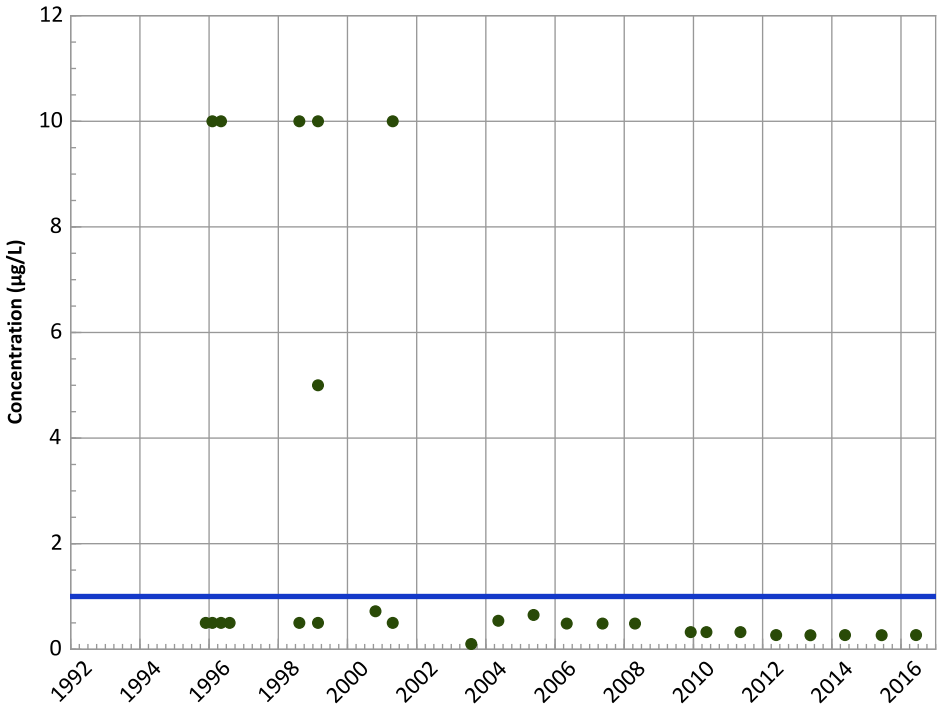
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

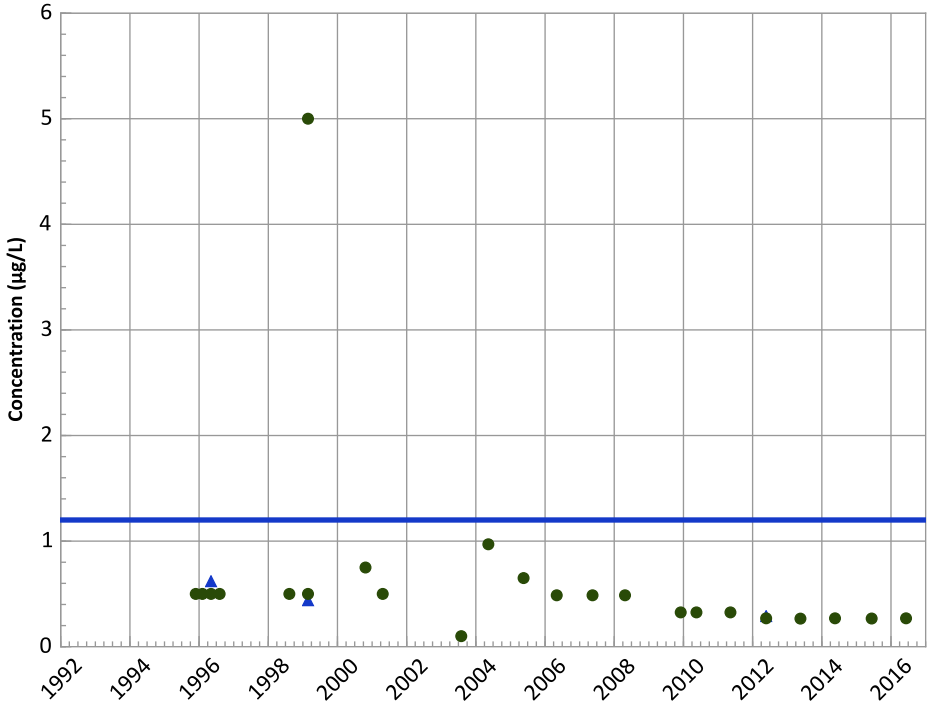


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

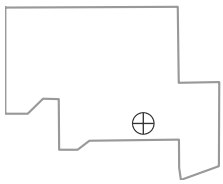
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 06/08/2016
Analysis Date: 03/07/2017

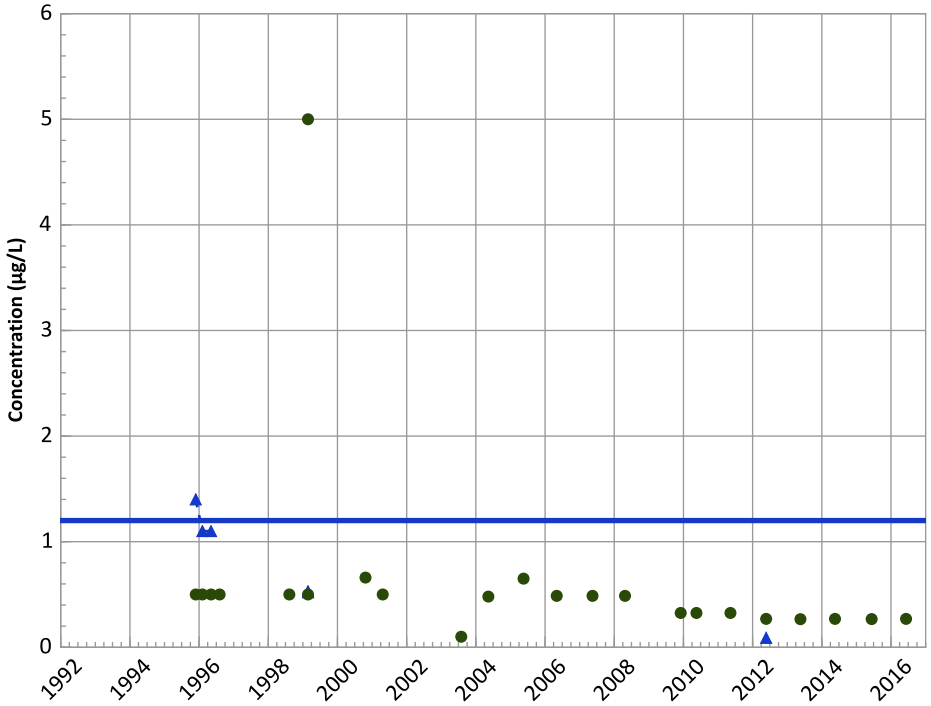
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

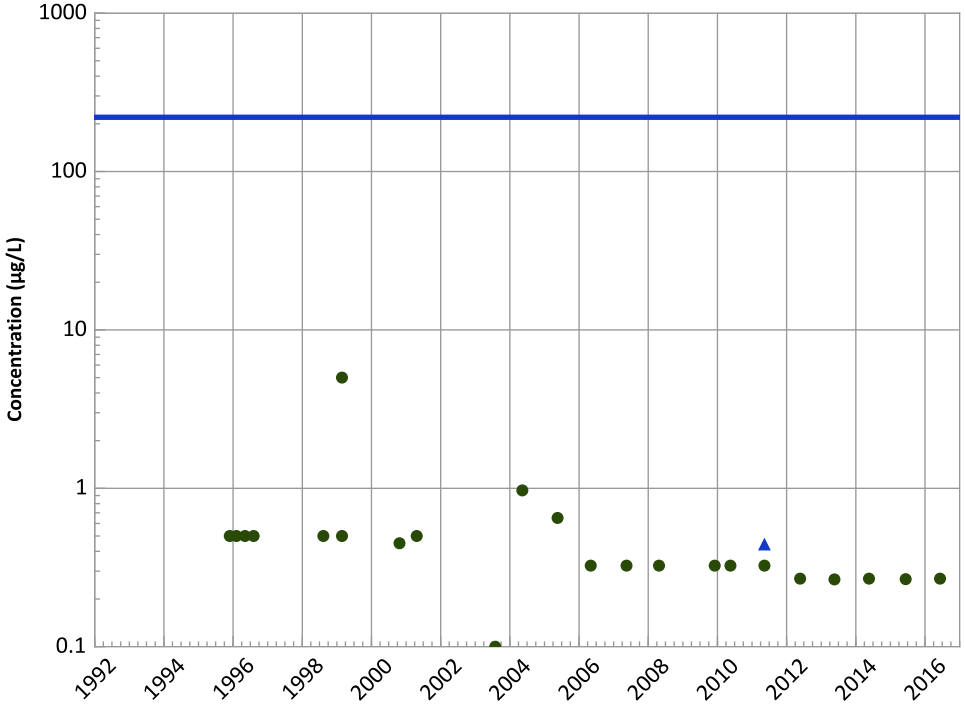


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

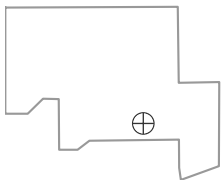
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 06/08/2016
Analysis Date: 03/07/2017

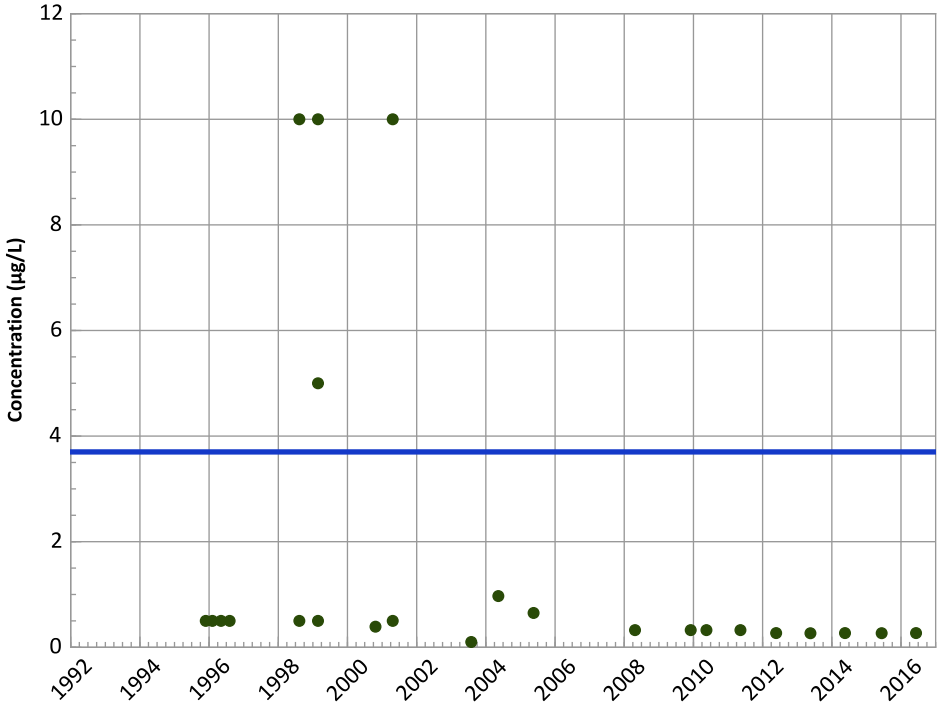
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

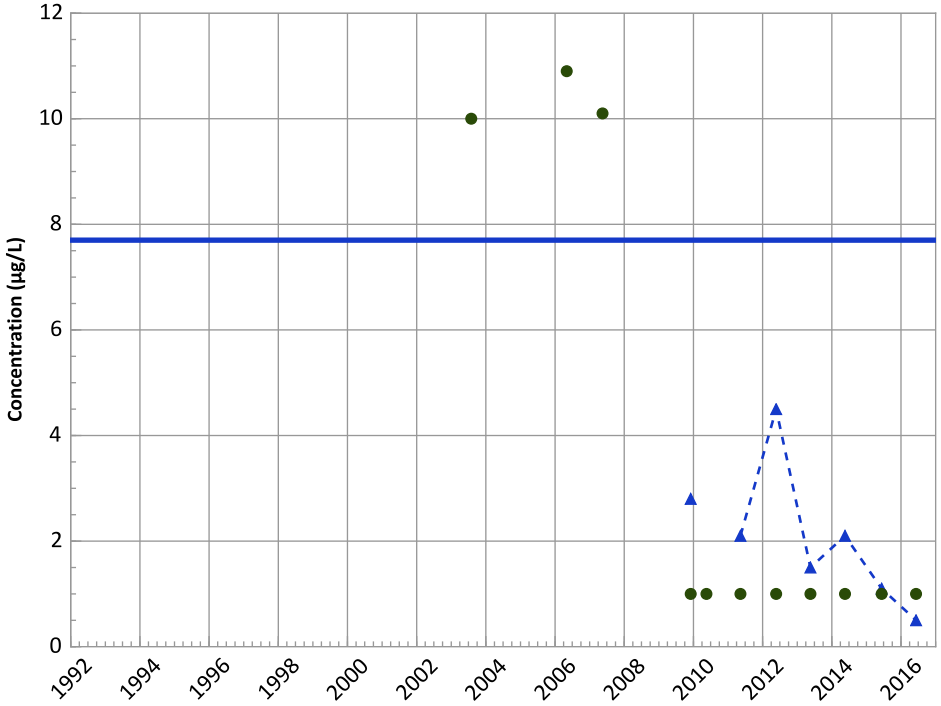


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

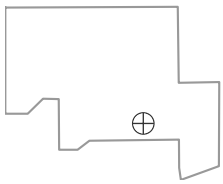
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 06/08/2016
Analysis Date: 03/07/2017

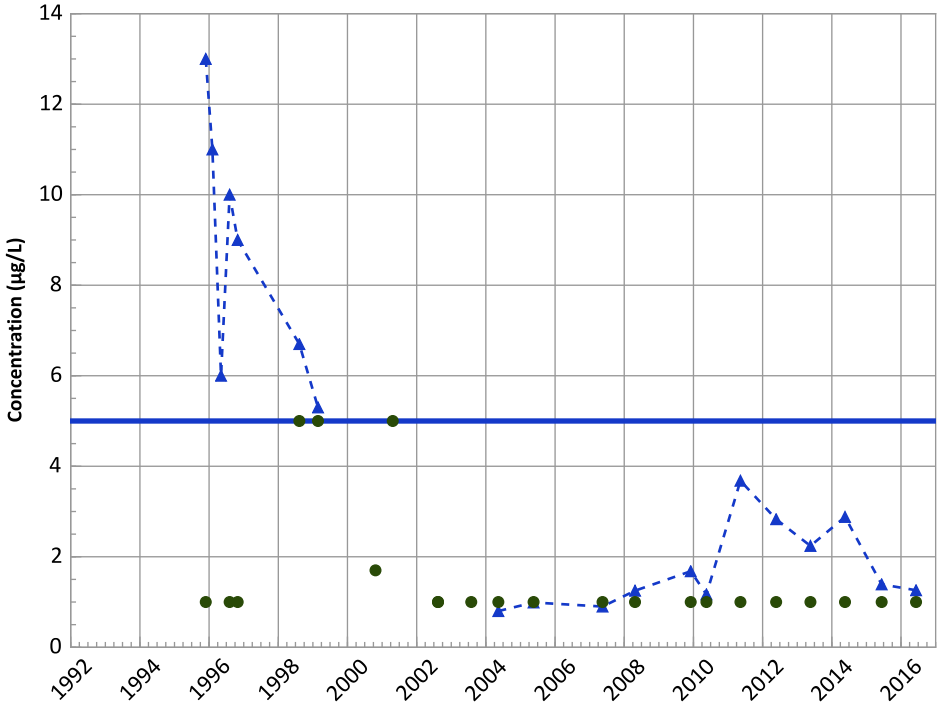
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

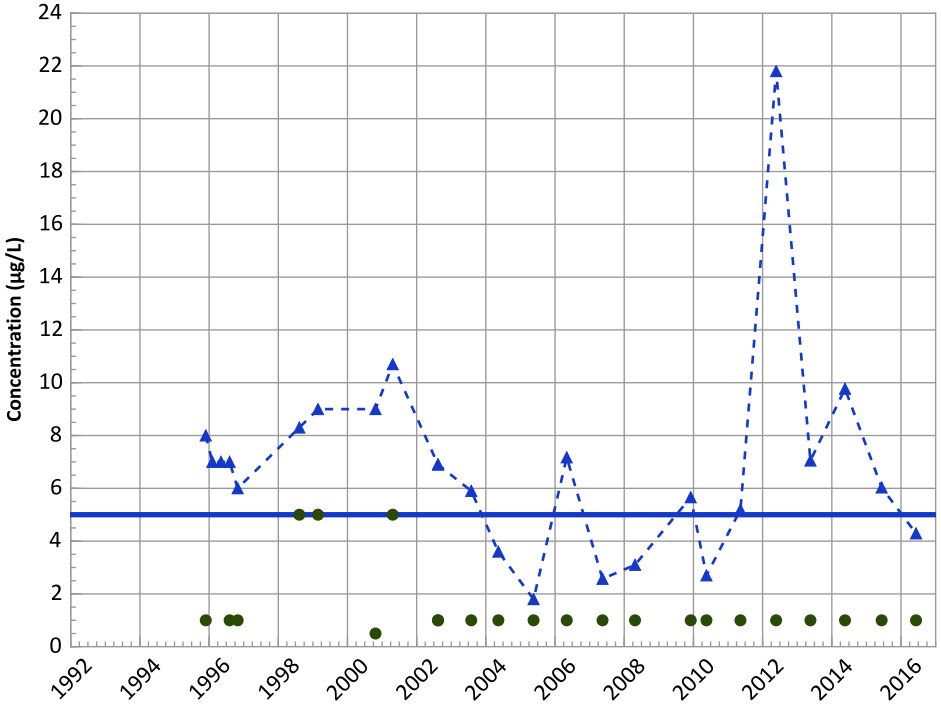


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Trichloroethene Trend



Concentration Trend

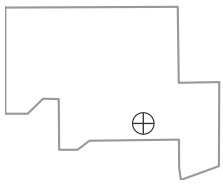
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 06/08/2016
Analysis Date: 03/07/2017

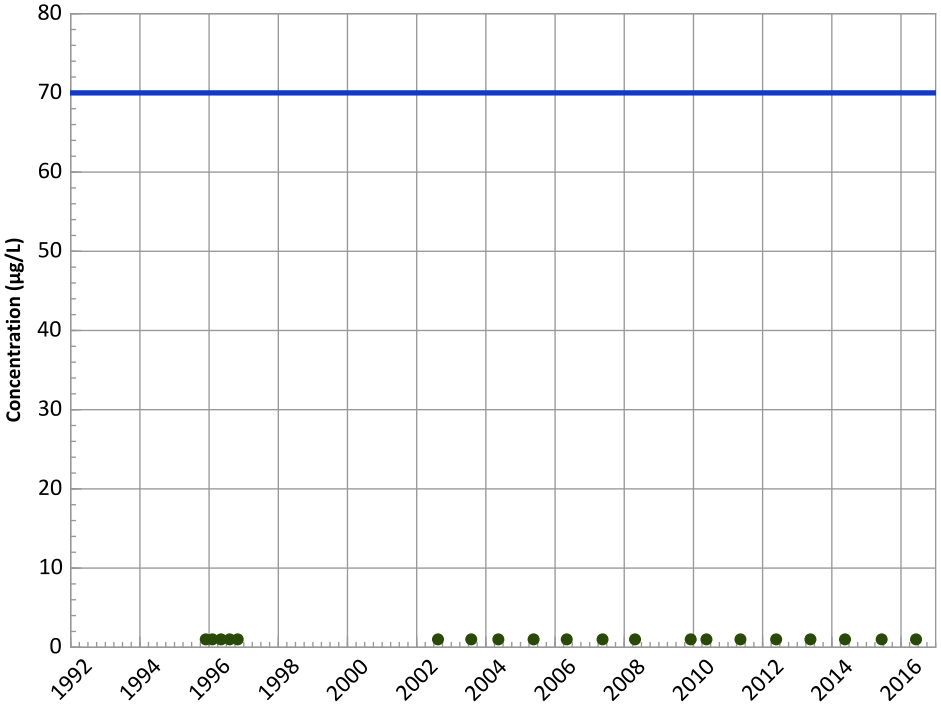
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

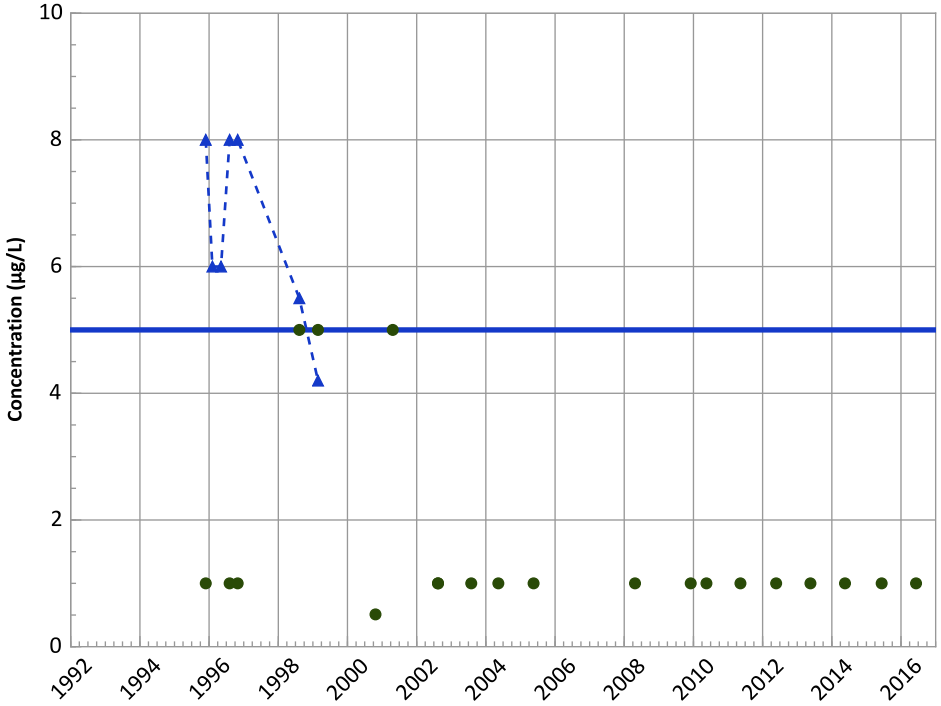


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

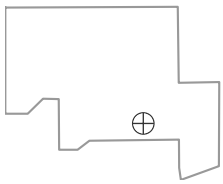
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 06/08/2016
Analysis Date: 03/07/2017

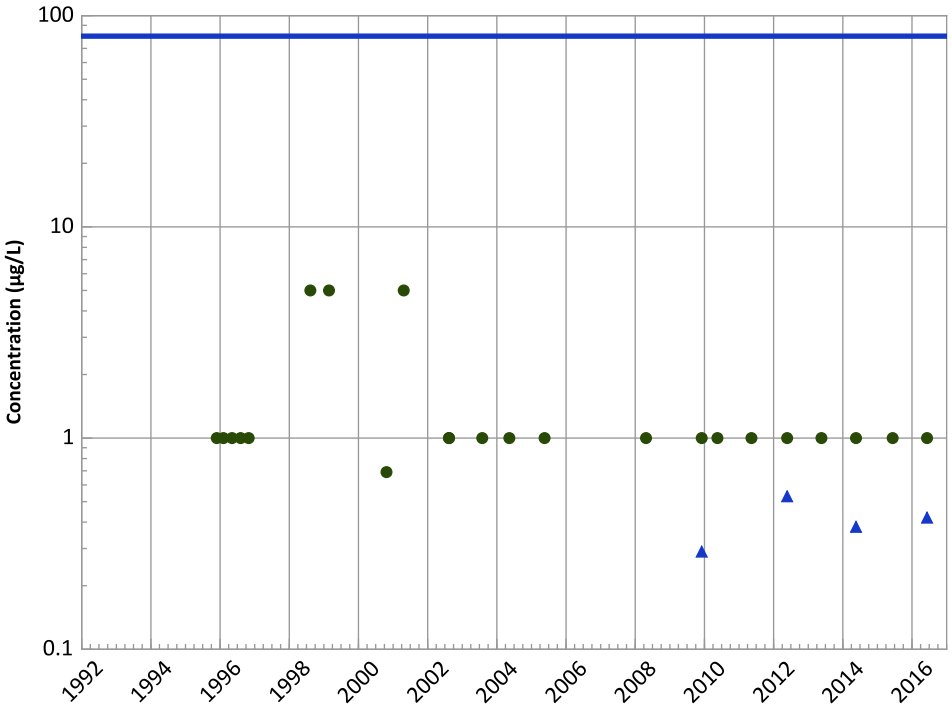
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

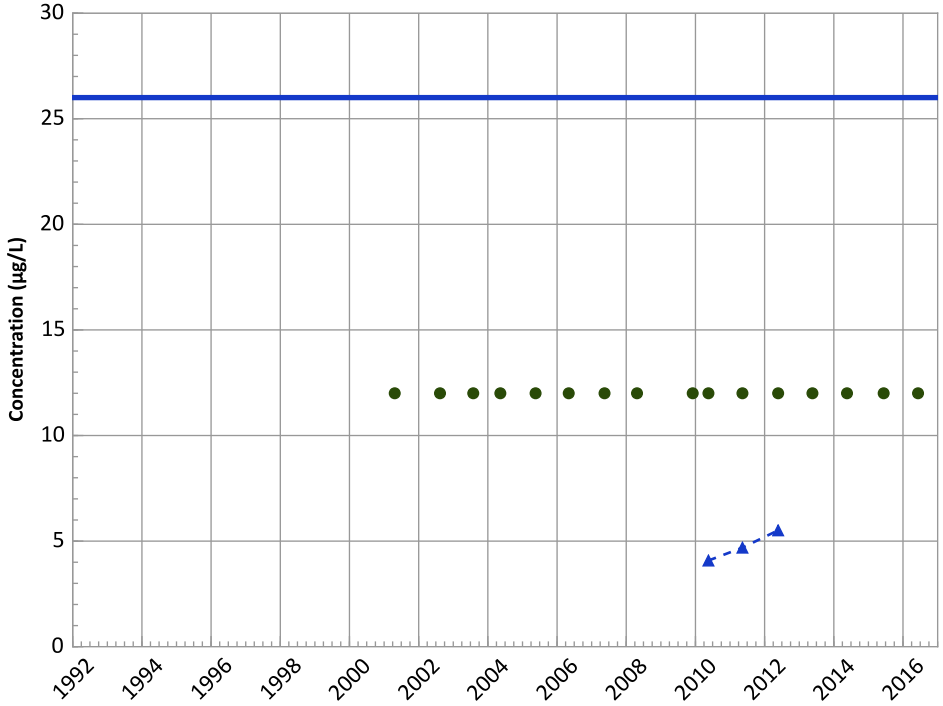


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Perchlorate Trend



Concentration Trend

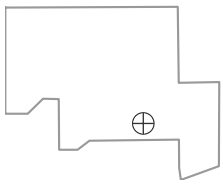
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 06/08/2016
Analysis Date: 03/07/2017

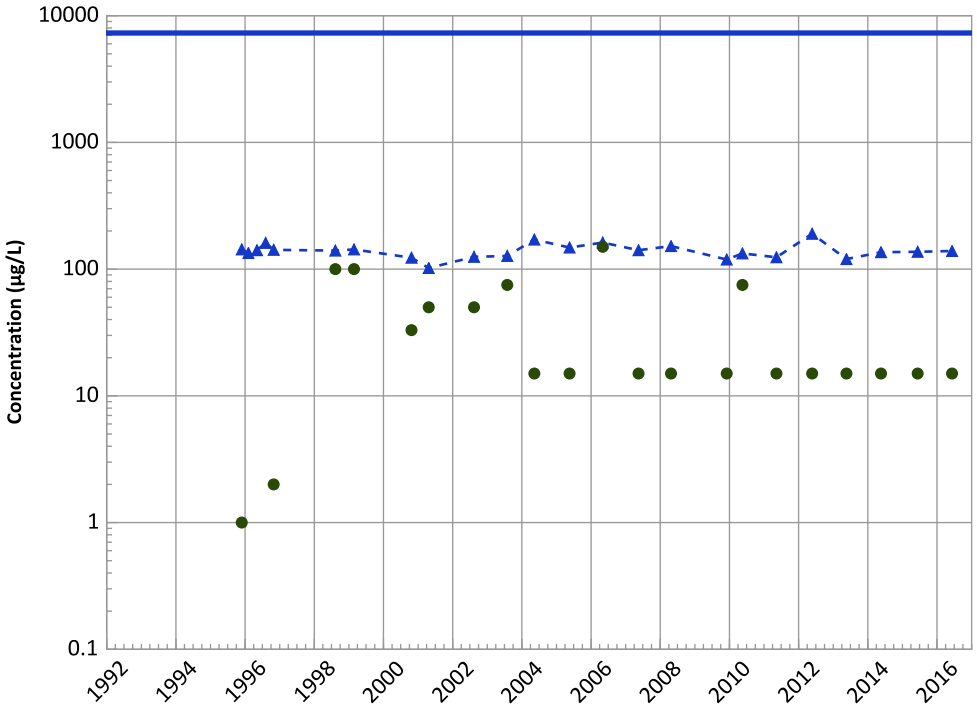
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

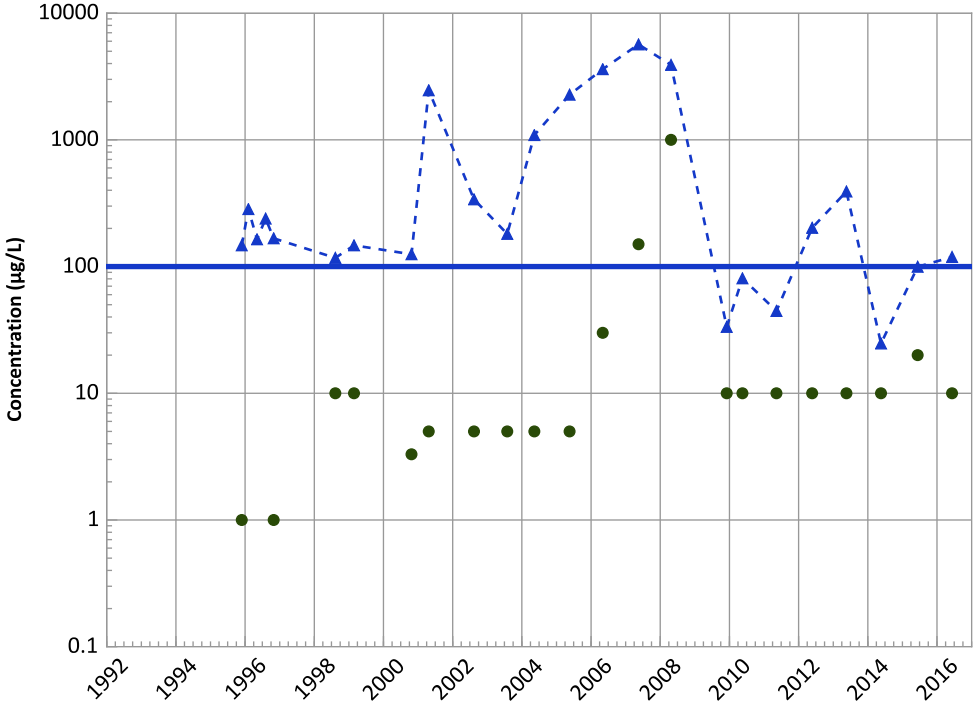


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

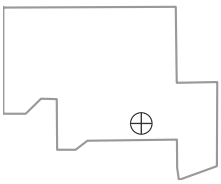
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 06/08/2016
Analysis Date: 03/07/2017

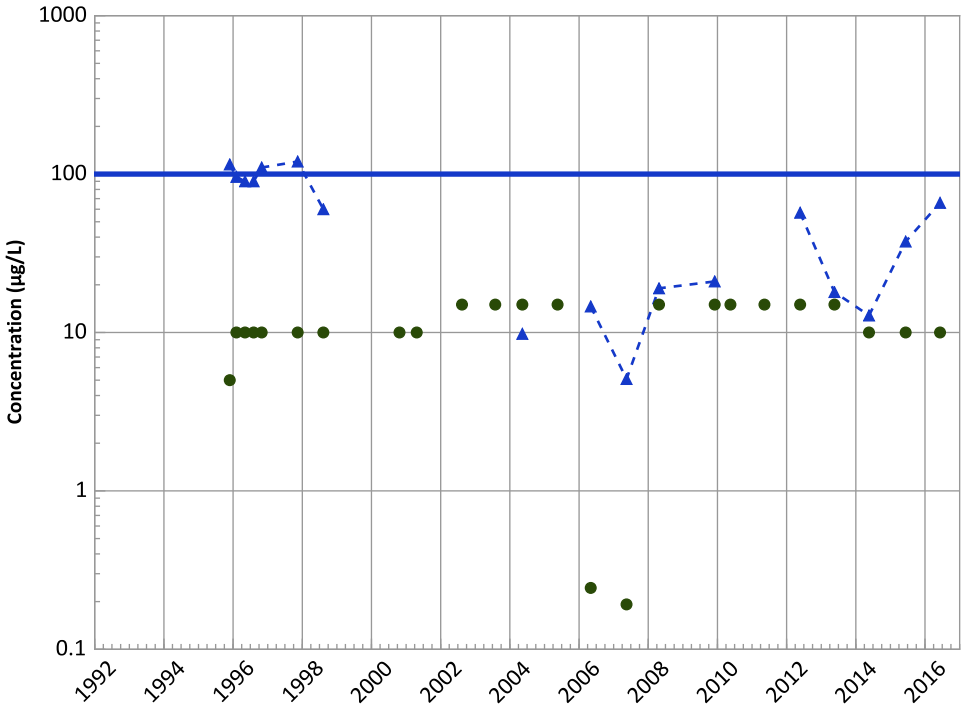
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

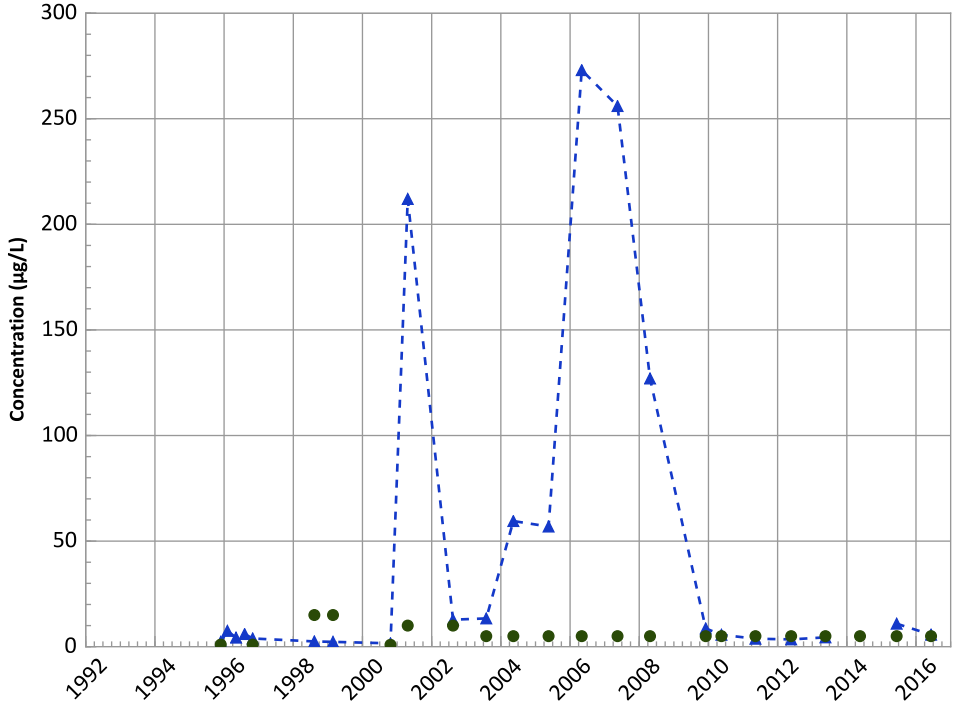


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Manganese Trend



Concentration Trend

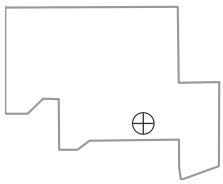
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 06/08/2016
Analysis Date: 03/07/2017

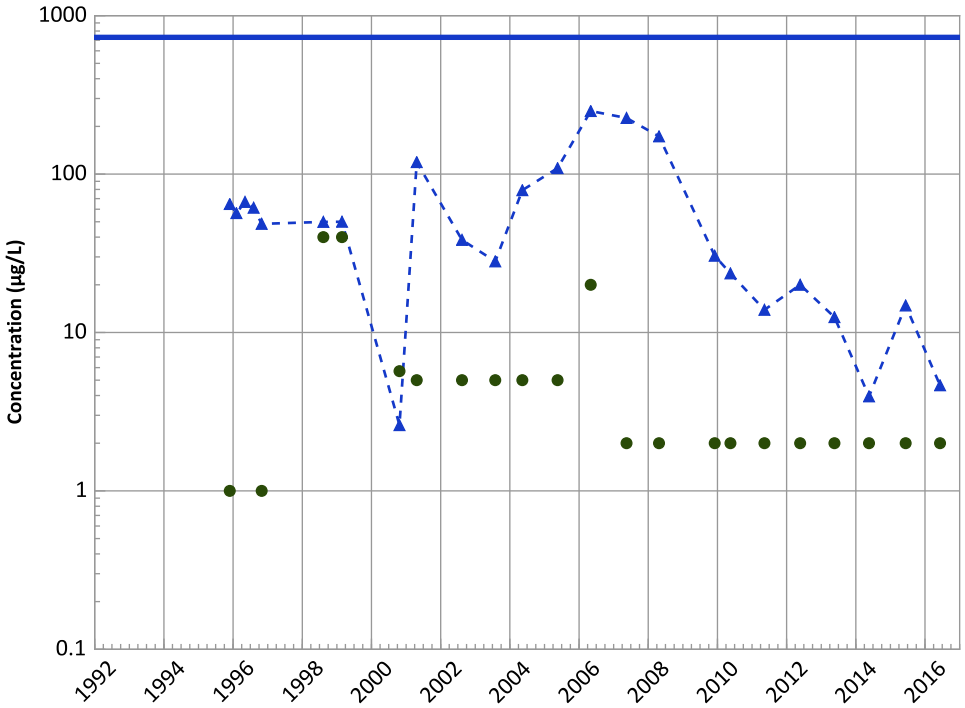
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

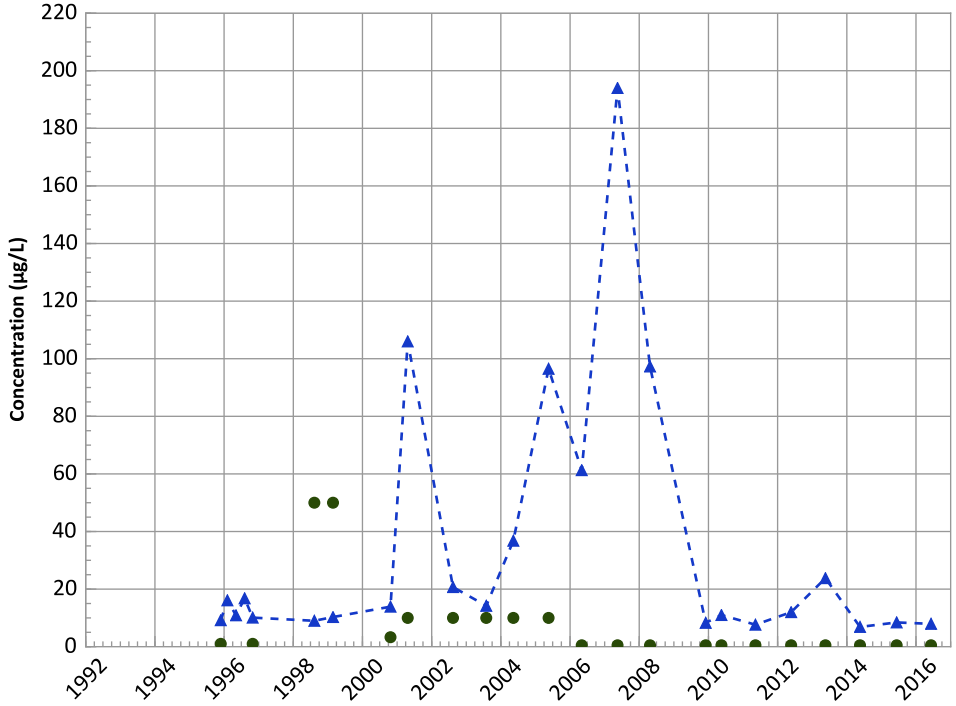


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Molybdenum Trend



Concentration Trend

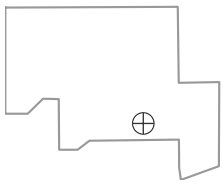
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 06/08/2016
Analysis Date: 03/07/2017

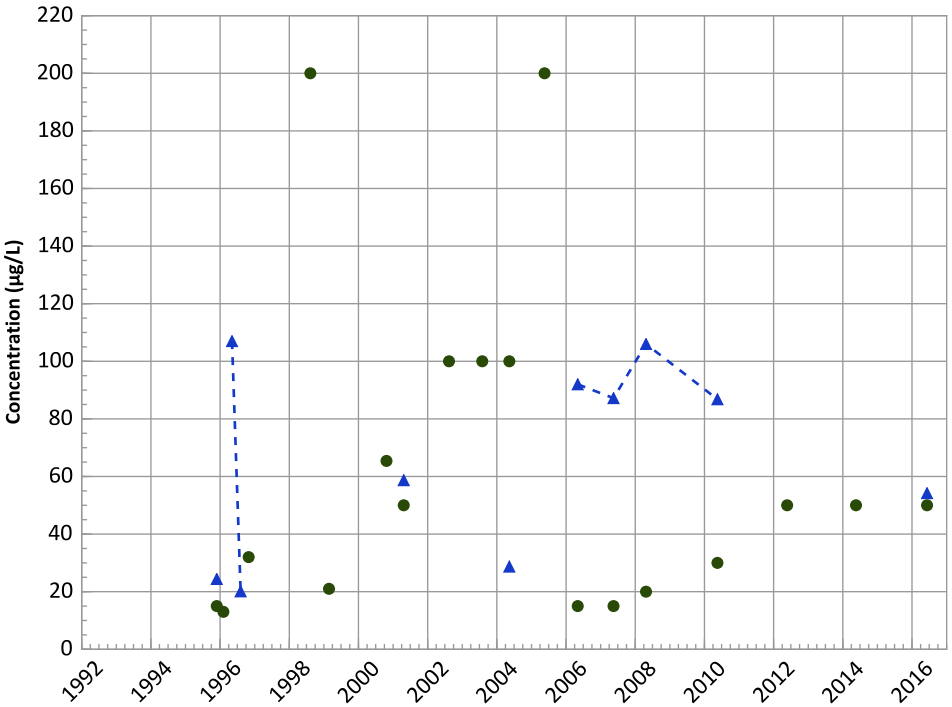
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

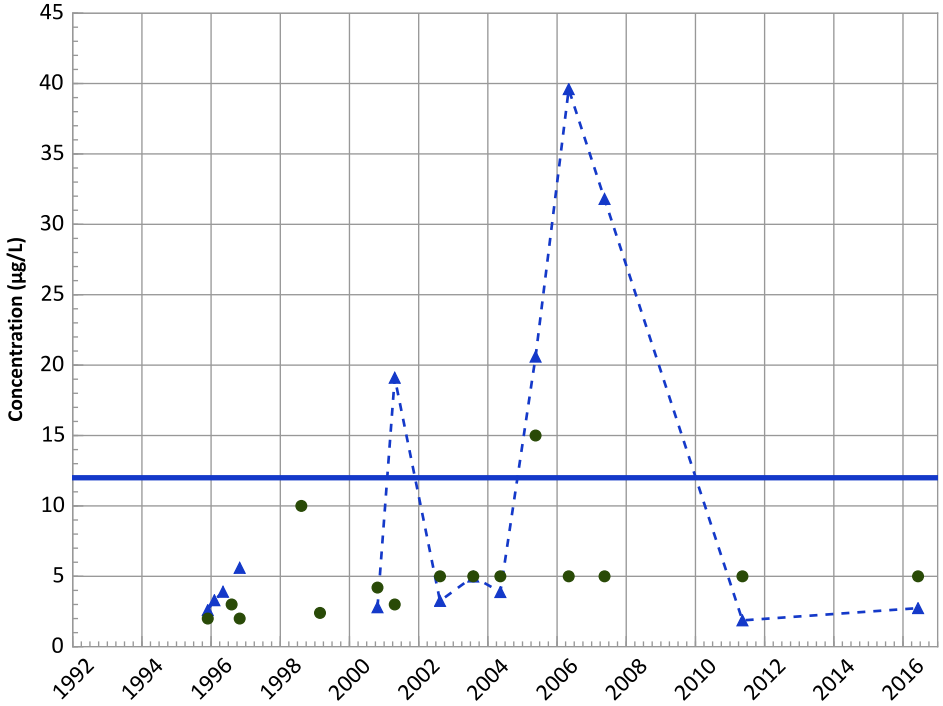


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Arsenic Trend



Concentration Trend

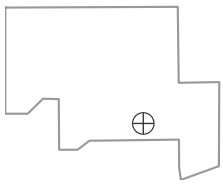
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 06/08/2016
Analysis Date: 03/07/2017

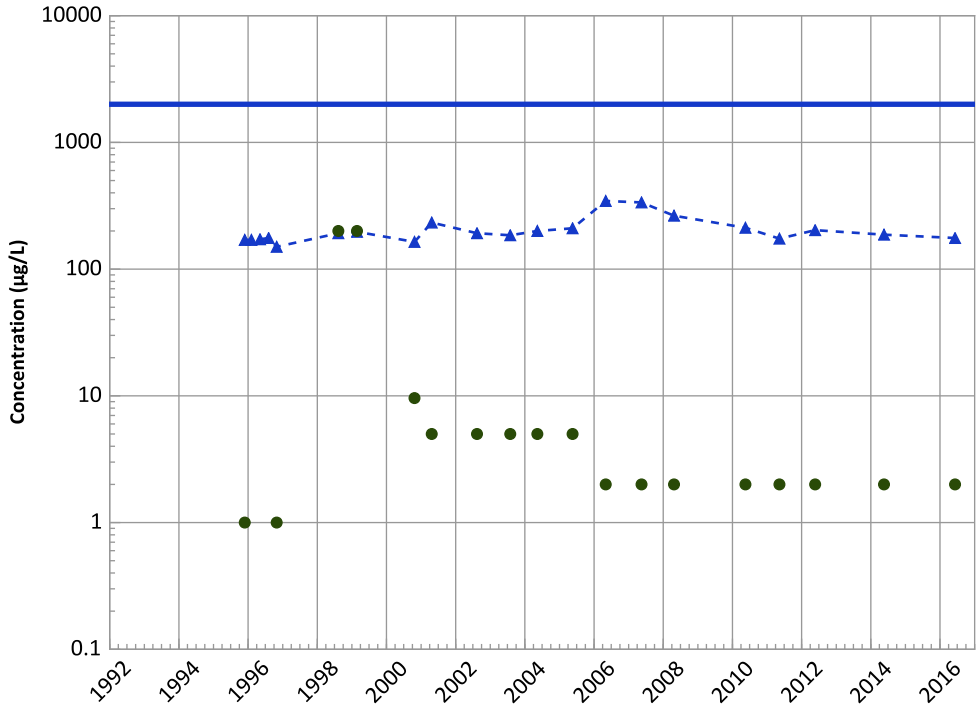
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

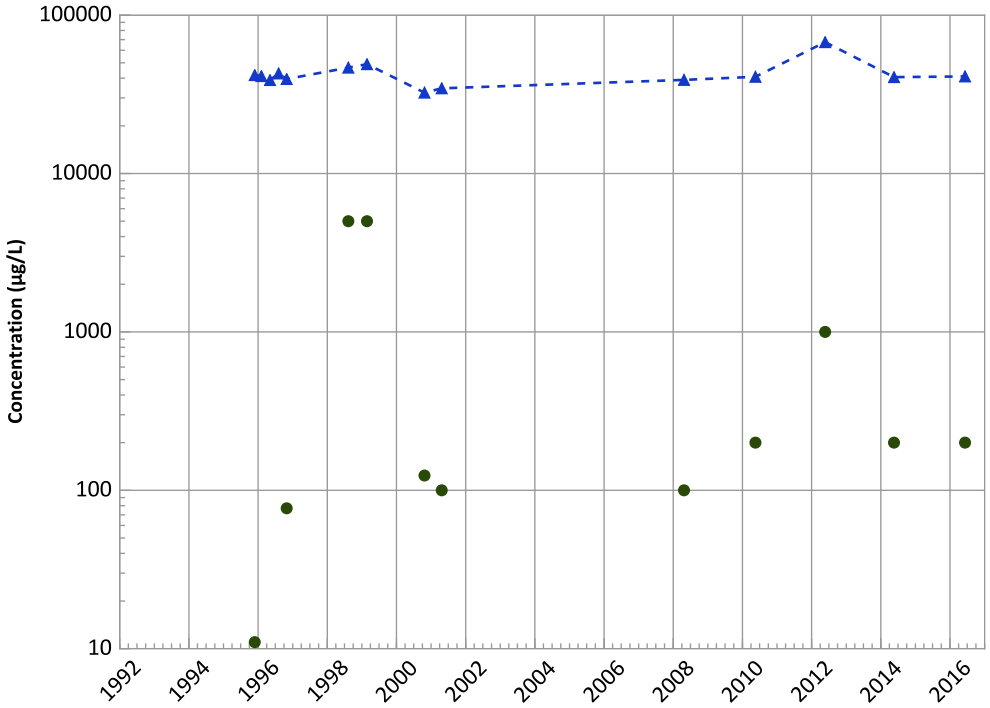


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Increasing

Calcium Trend



Concentration Trend

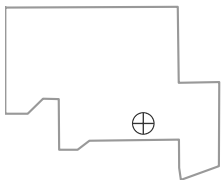
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 06/08/2016
Analysis Date: 03/07/2017

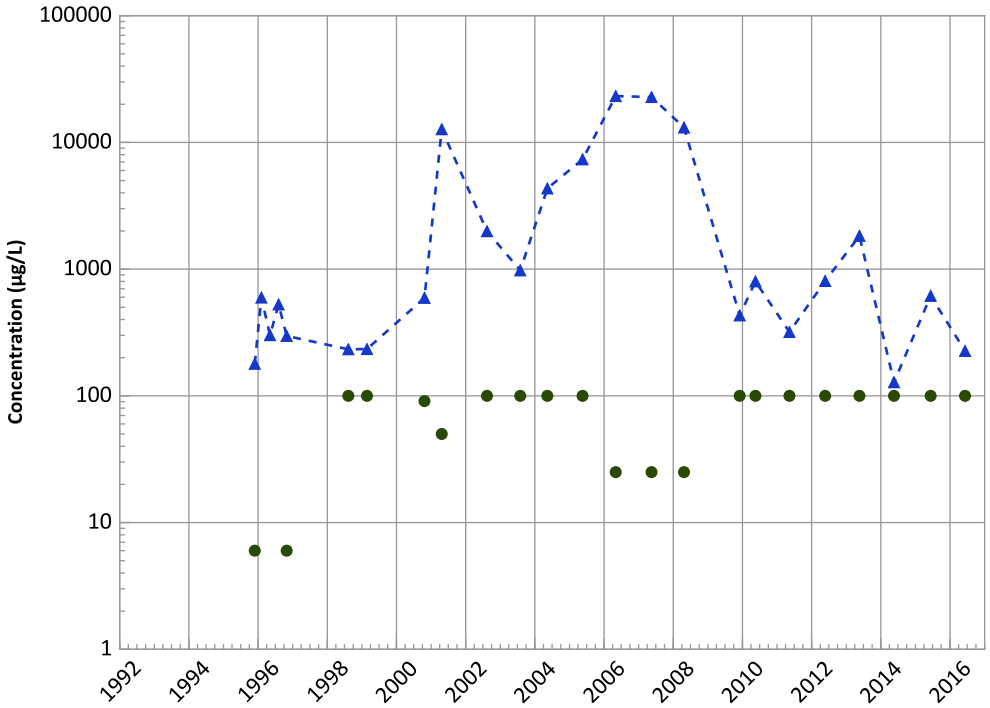
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

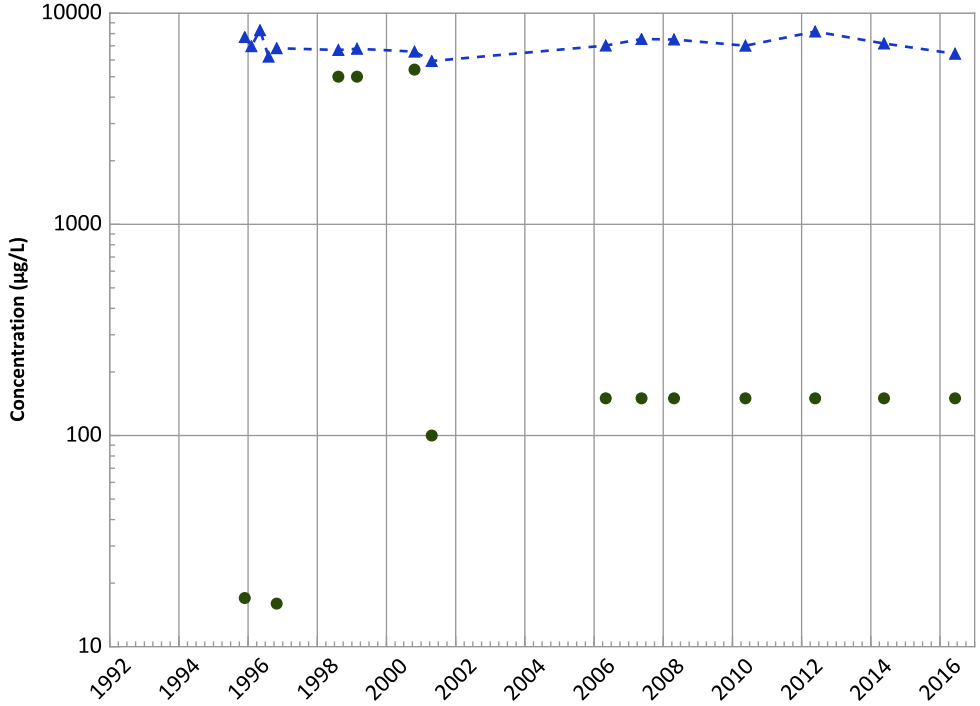


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

Potassium Trend



Concentration Trend

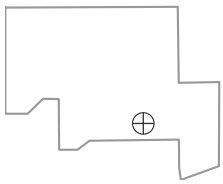
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 06/08/2016
Analysis Date: 03/07/2017

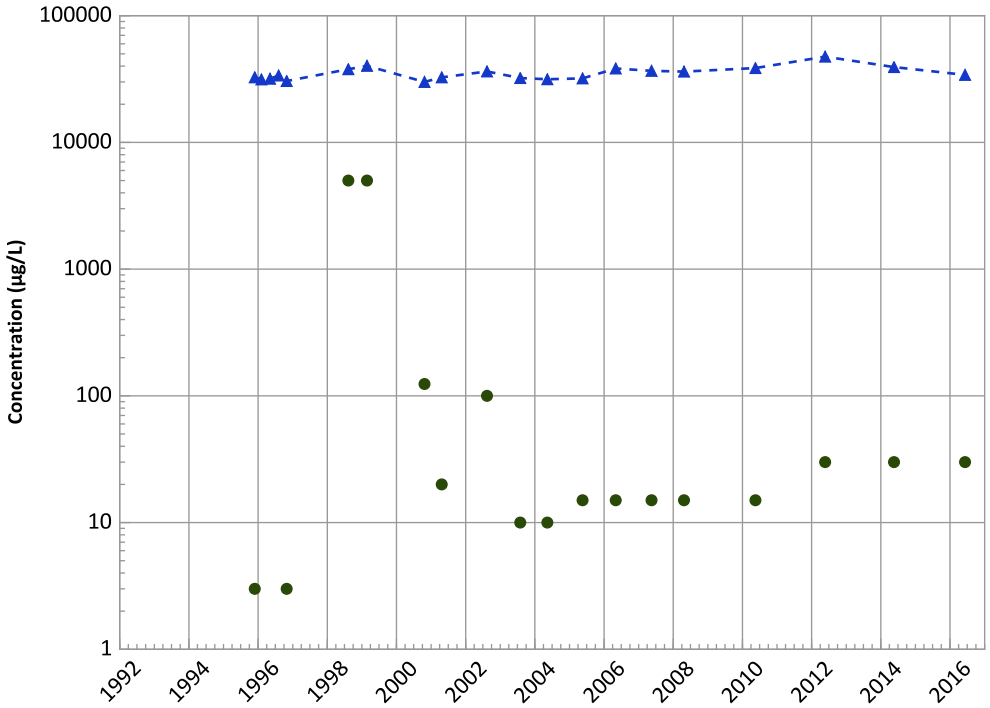
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

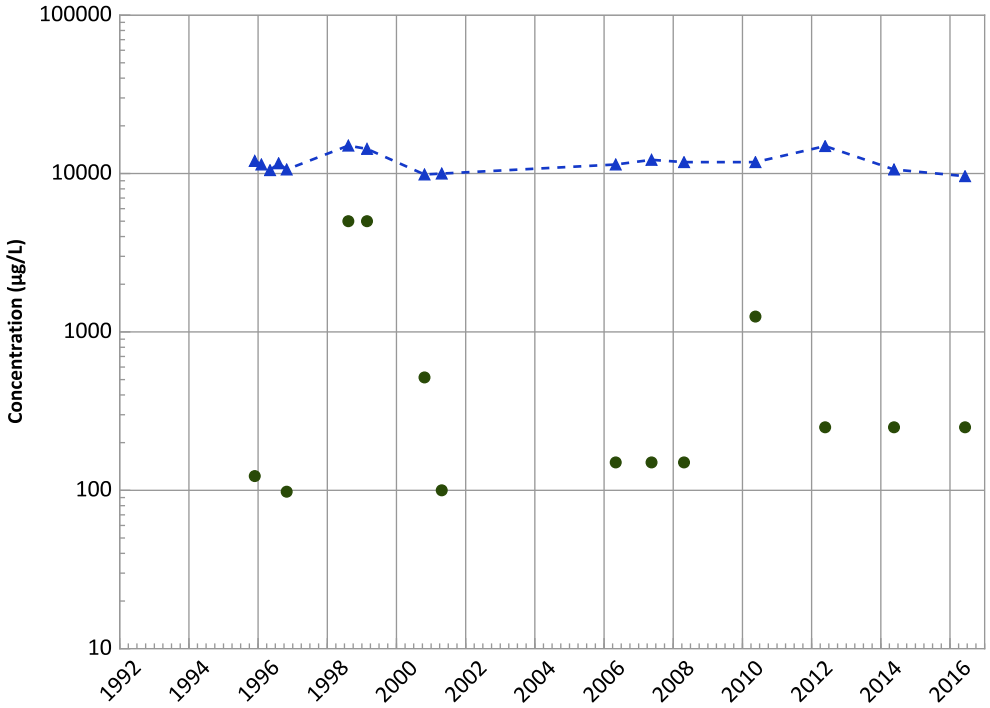


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Sodium Trend



Concentration Trend

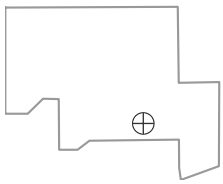
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

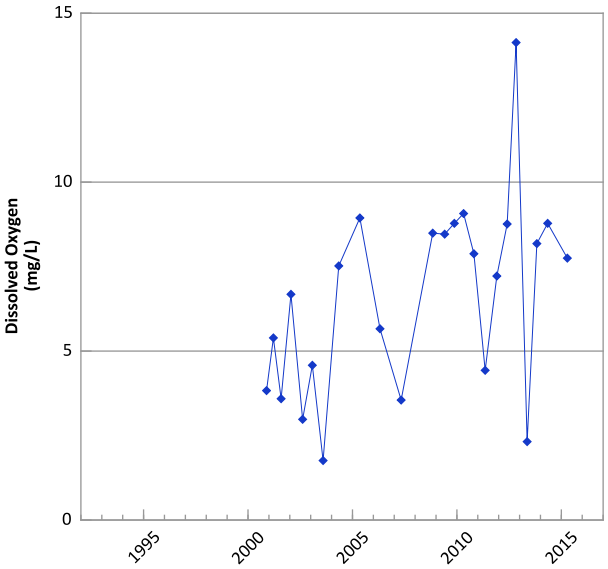
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/27/1995 to 06/08/2016
Analysis Date: 03/07/2017

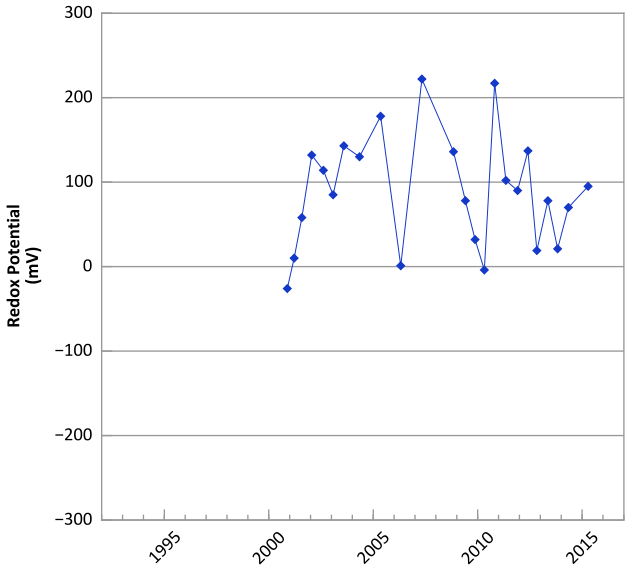
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

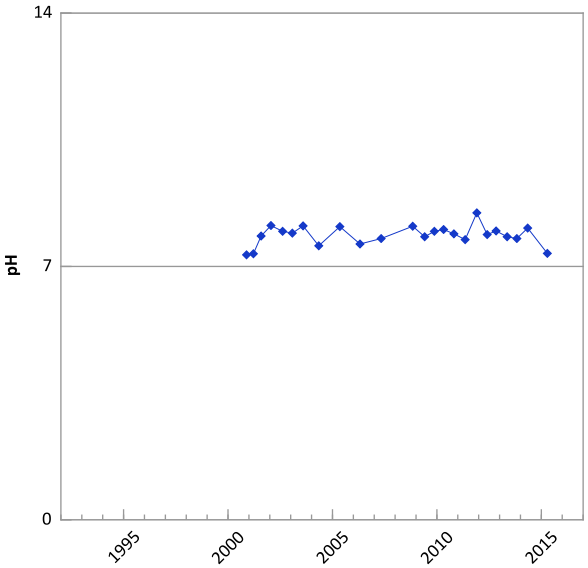
Well Location

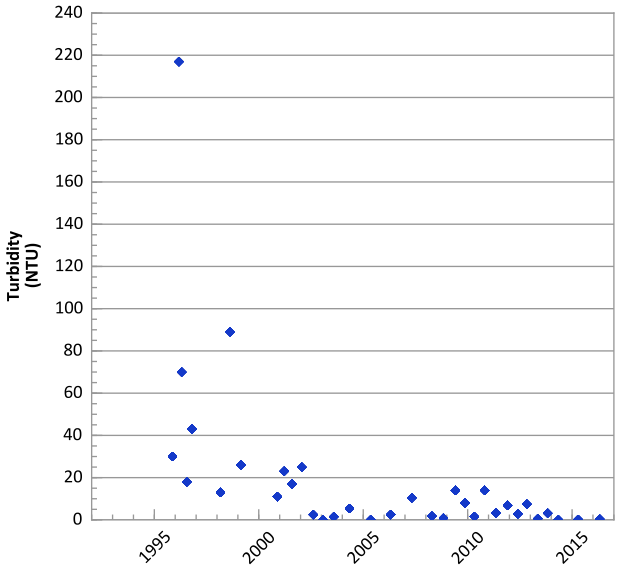


PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



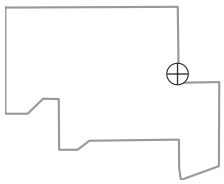






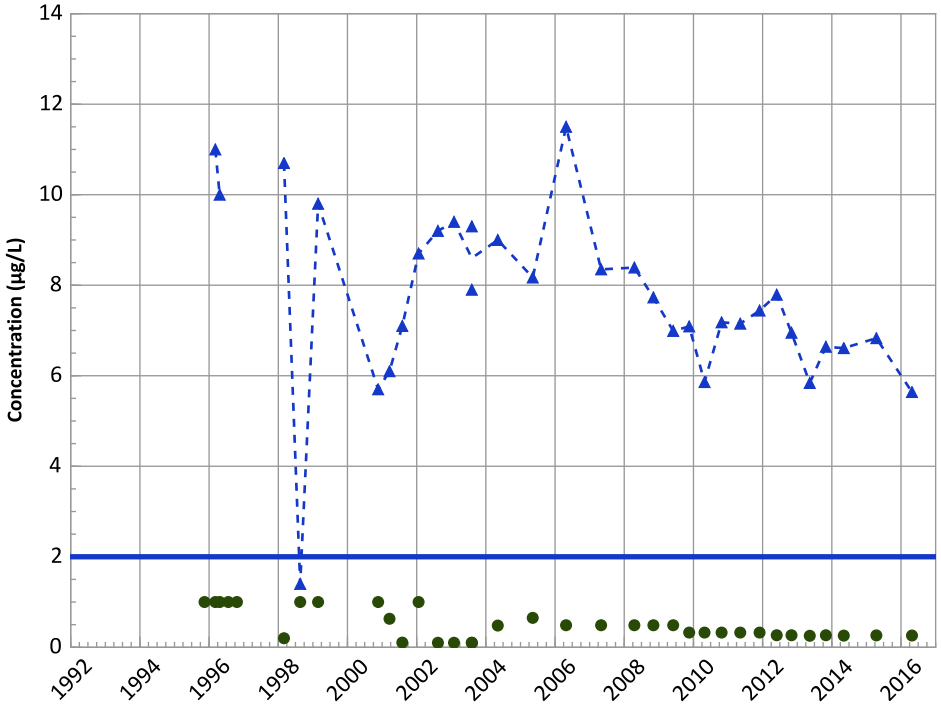
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 04/26/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

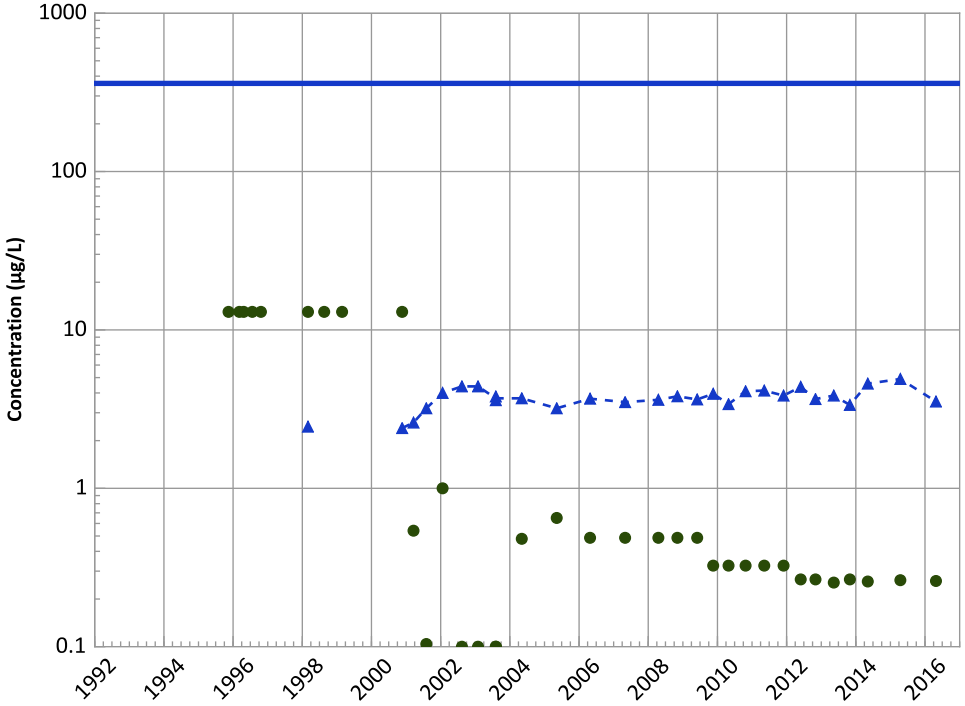


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

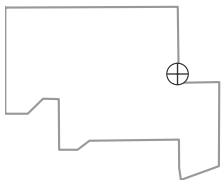
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 04/26/2016
Analysis Date: 03/07/2017

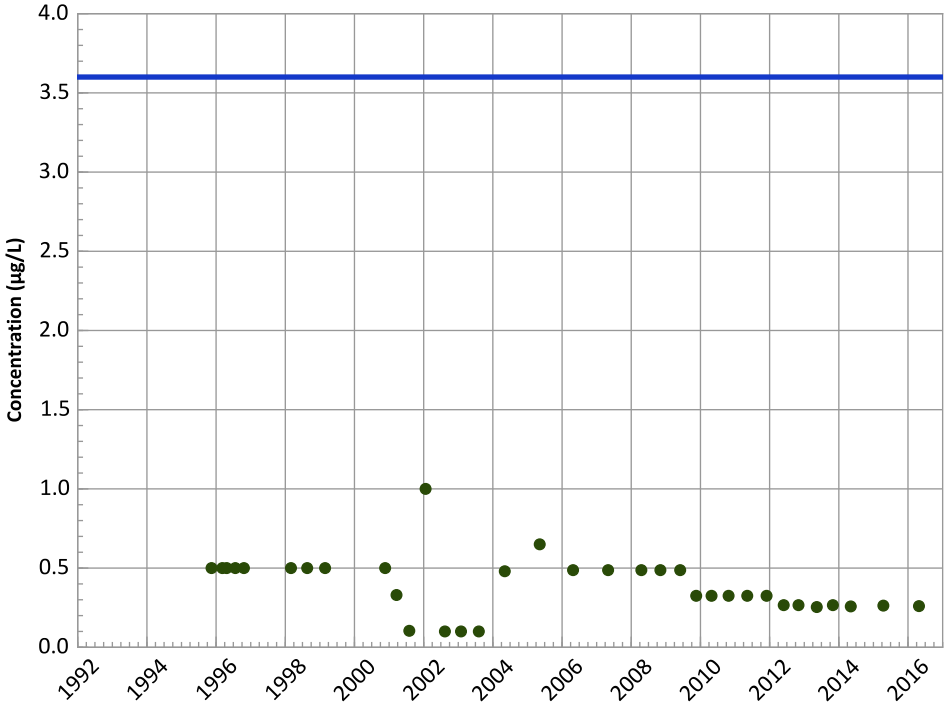
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

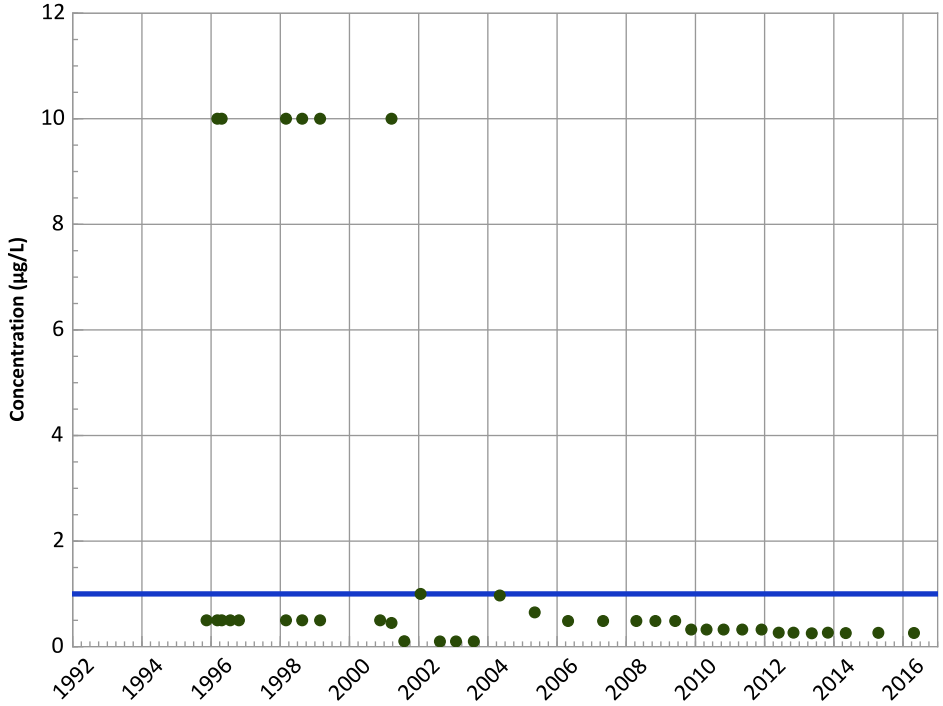


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

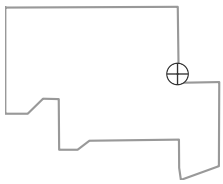
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 04/26/2016
Analysis Date: 03/07/2017

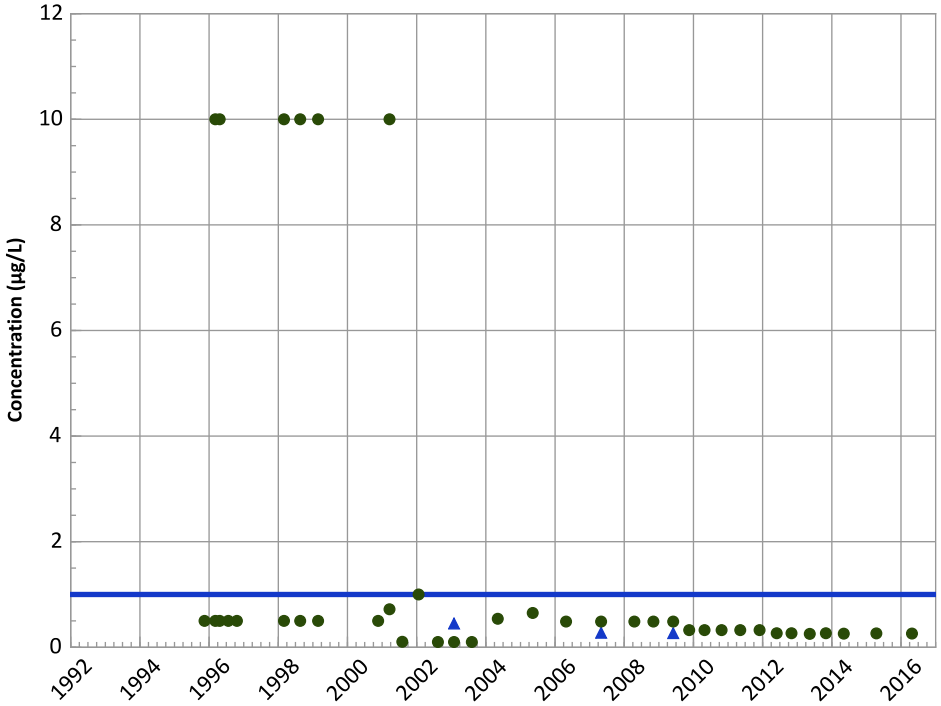
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

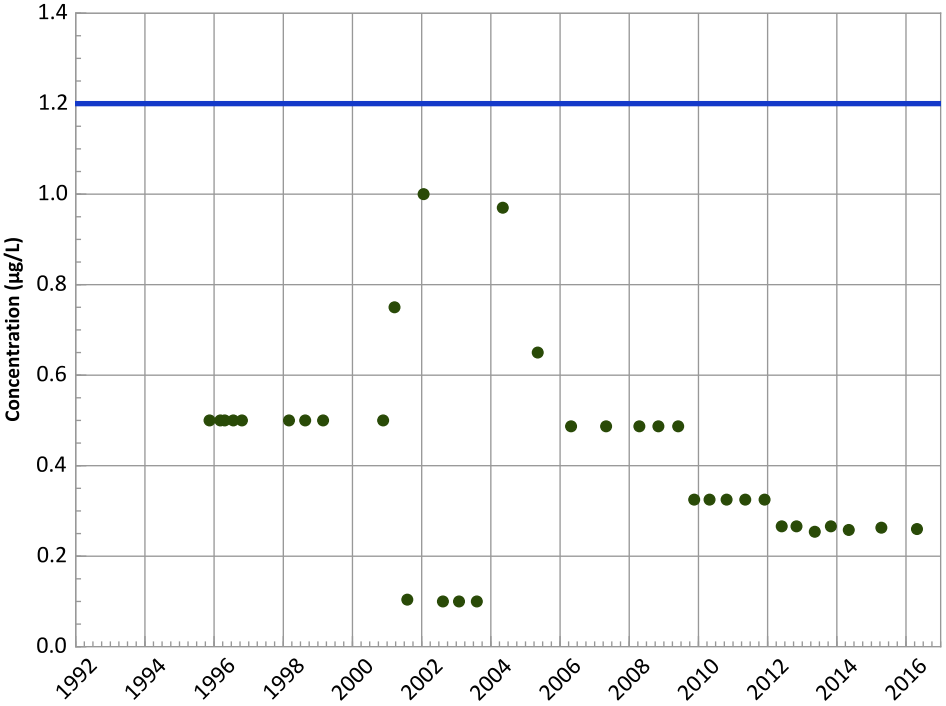


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

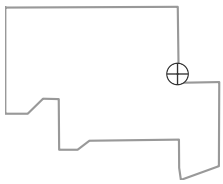
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 04/26/2016
Analysis Date: 03/07/2017

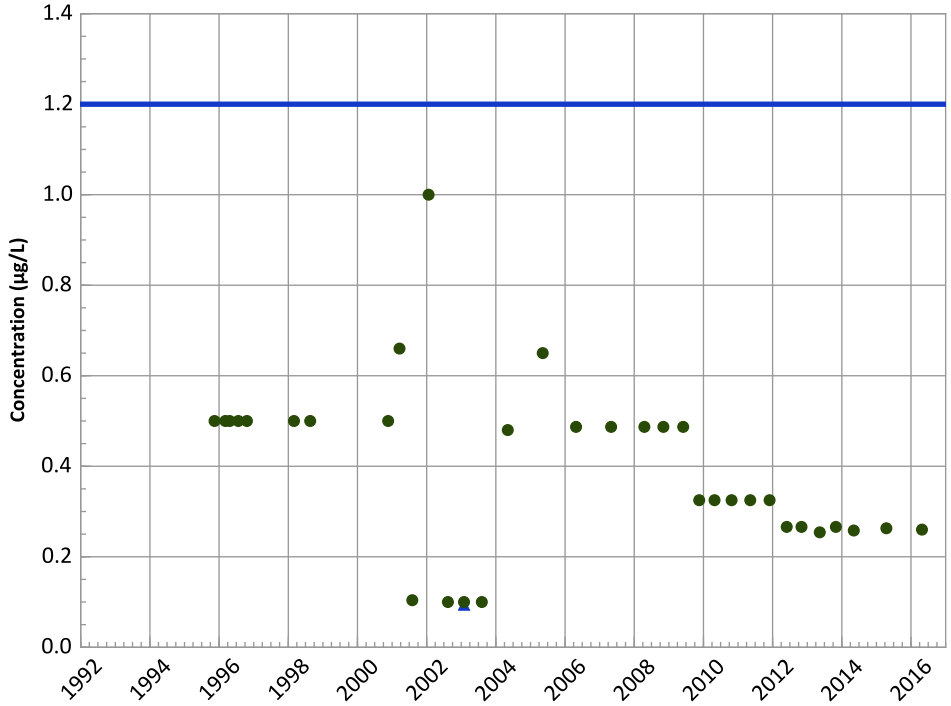
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

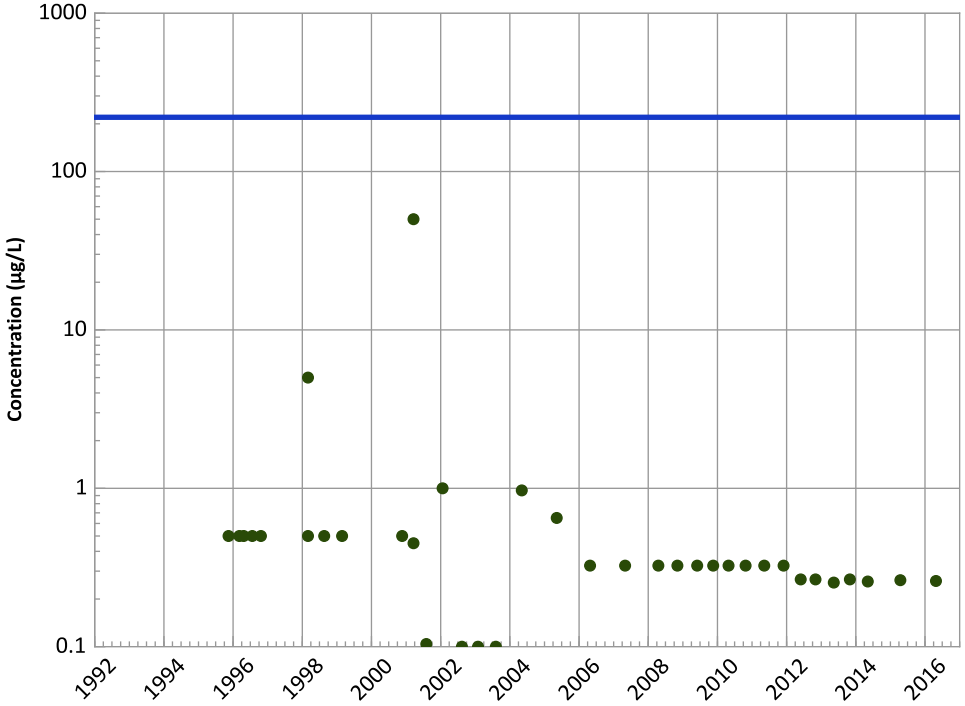


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

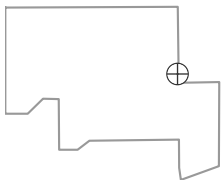
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 04/26/2016
Analysis Date: 03/07/2017

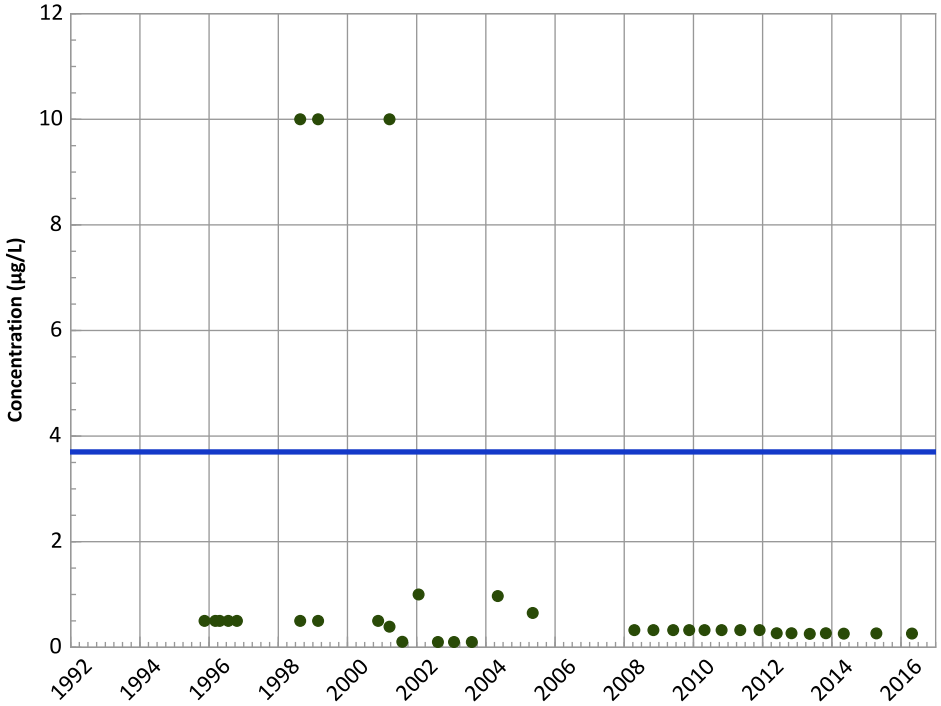
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

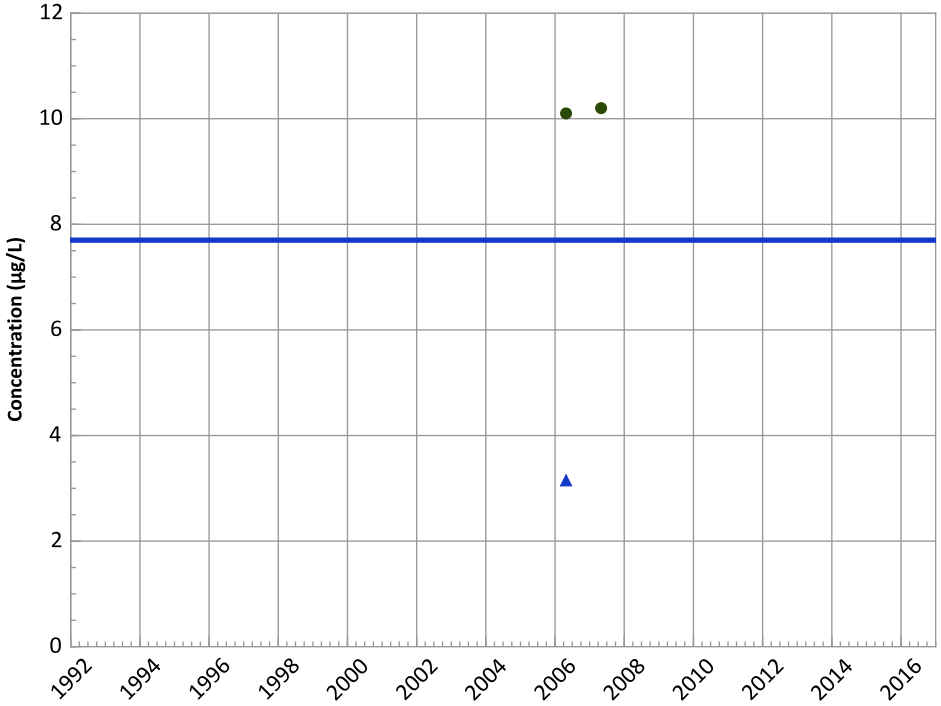


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

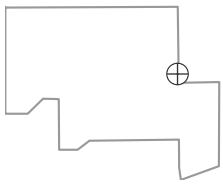
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 04/26/2016
Analysis Date: 03/07/2017

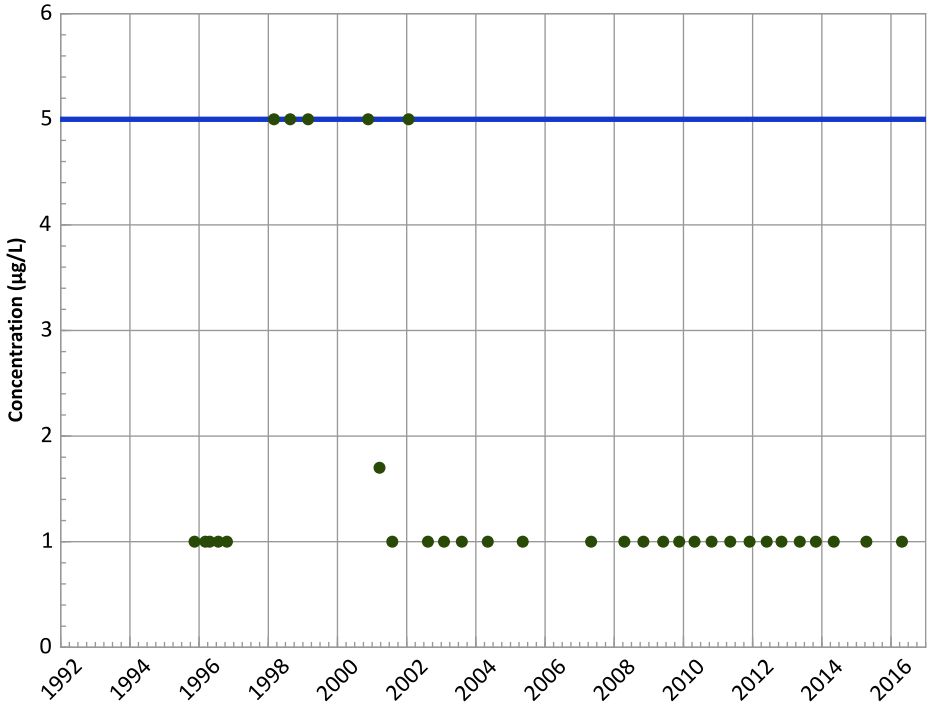
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

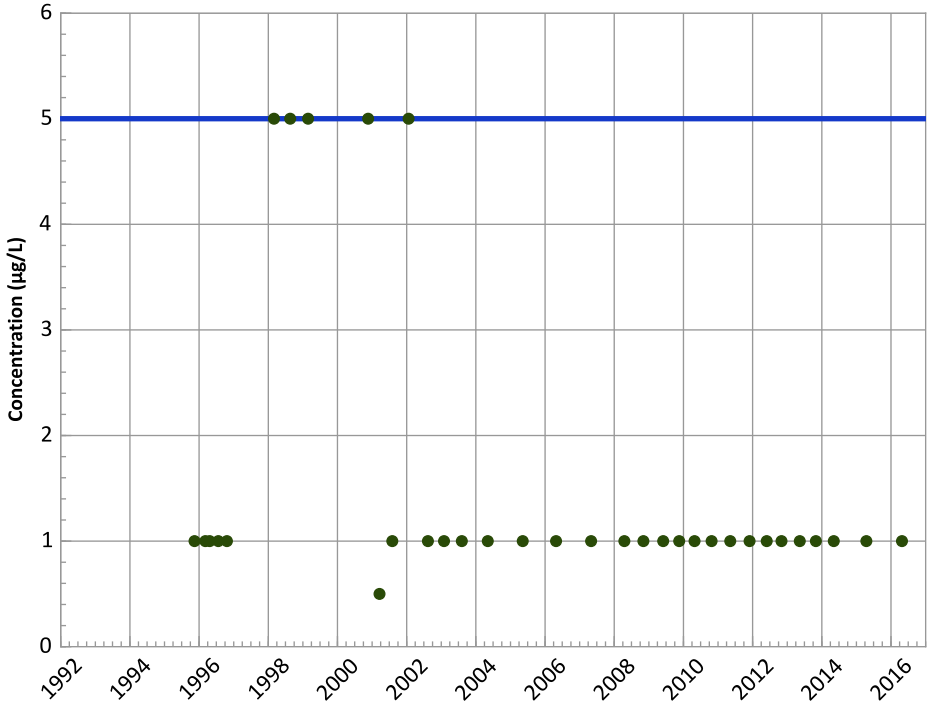


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

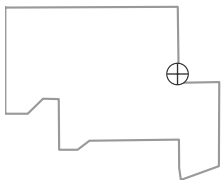
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 04/26/2016
Analysis Date: 03/07/2017

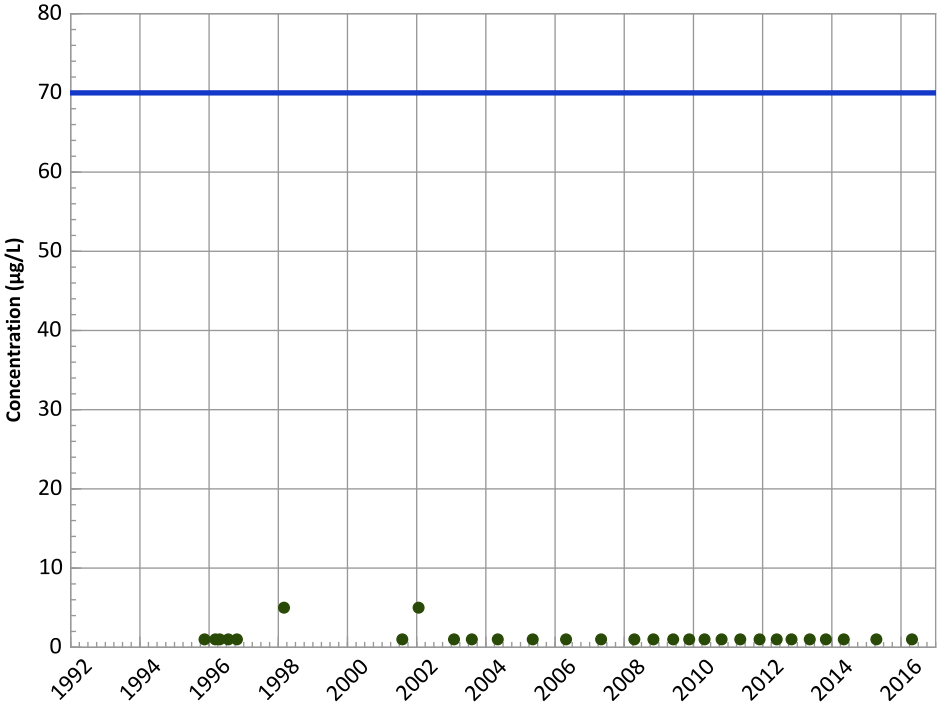
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

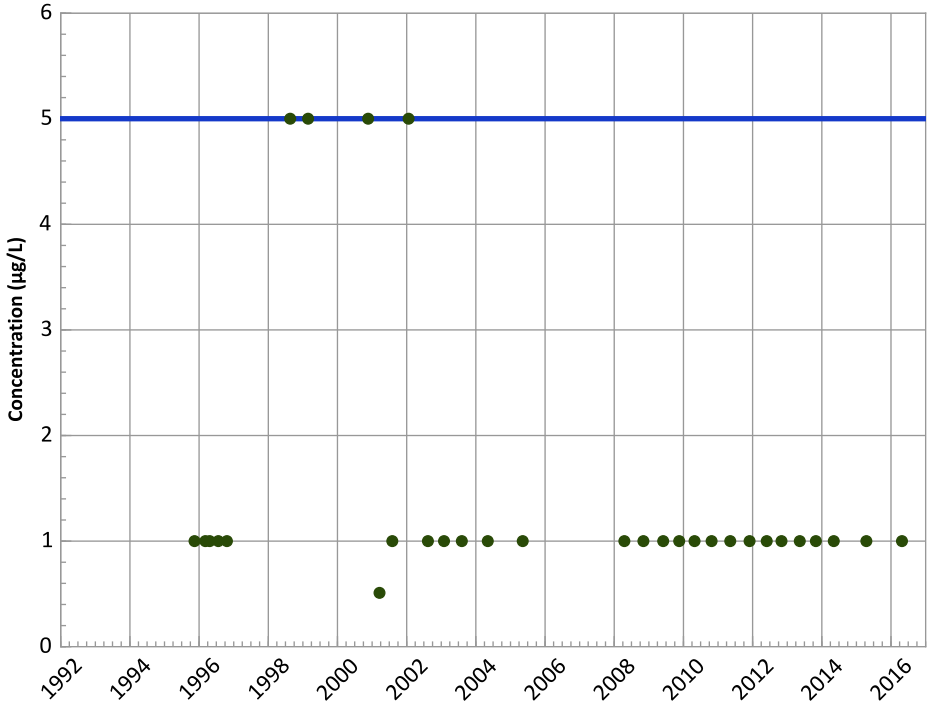


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

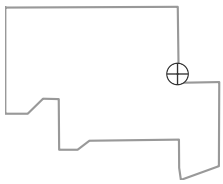
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 04/26/2016
Analysis Date: 03/07/2017

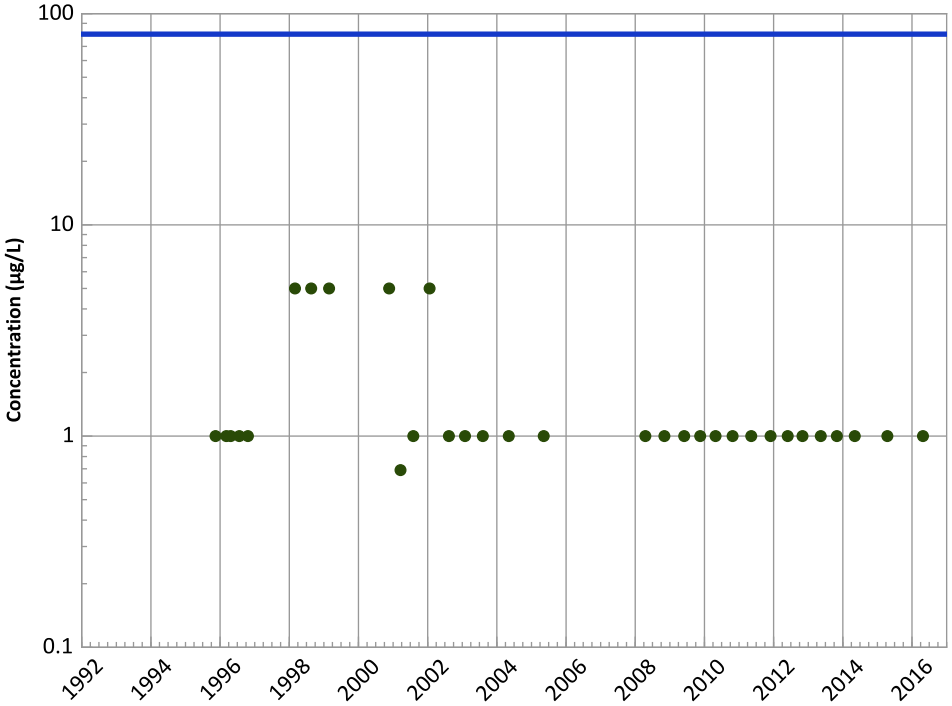
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

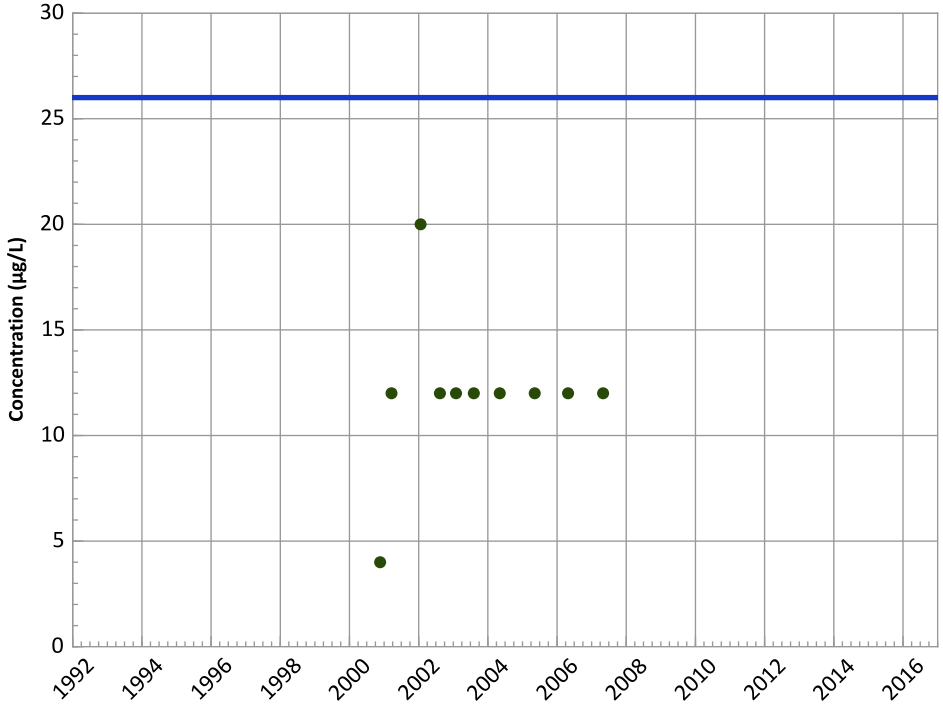


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

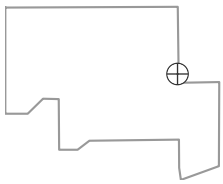
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 04/26/2016
Analysis Date: 03/07/2017

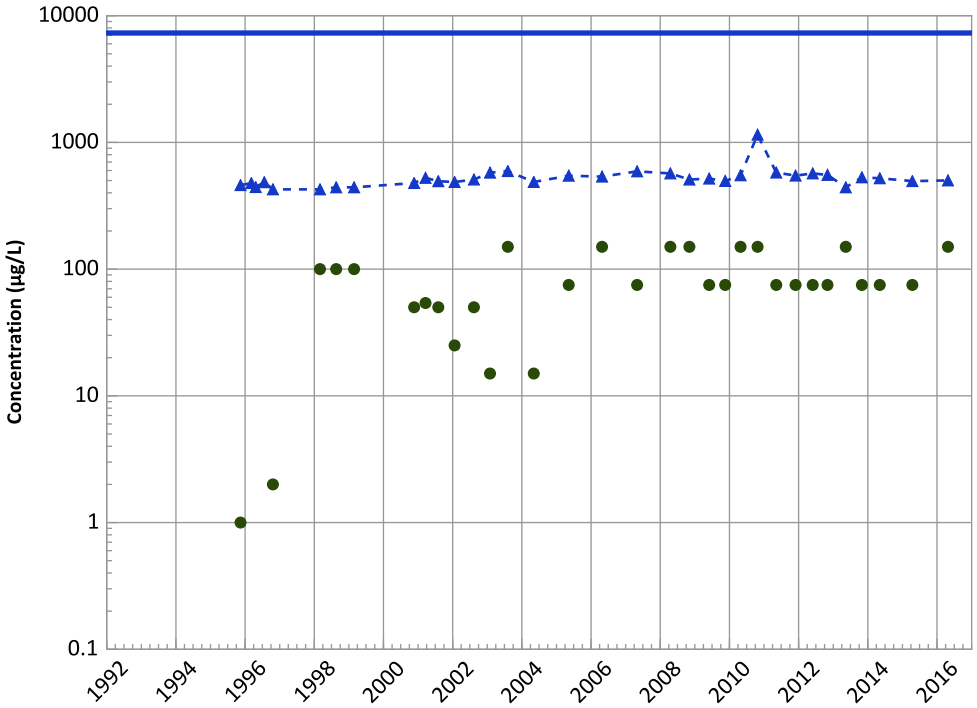
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

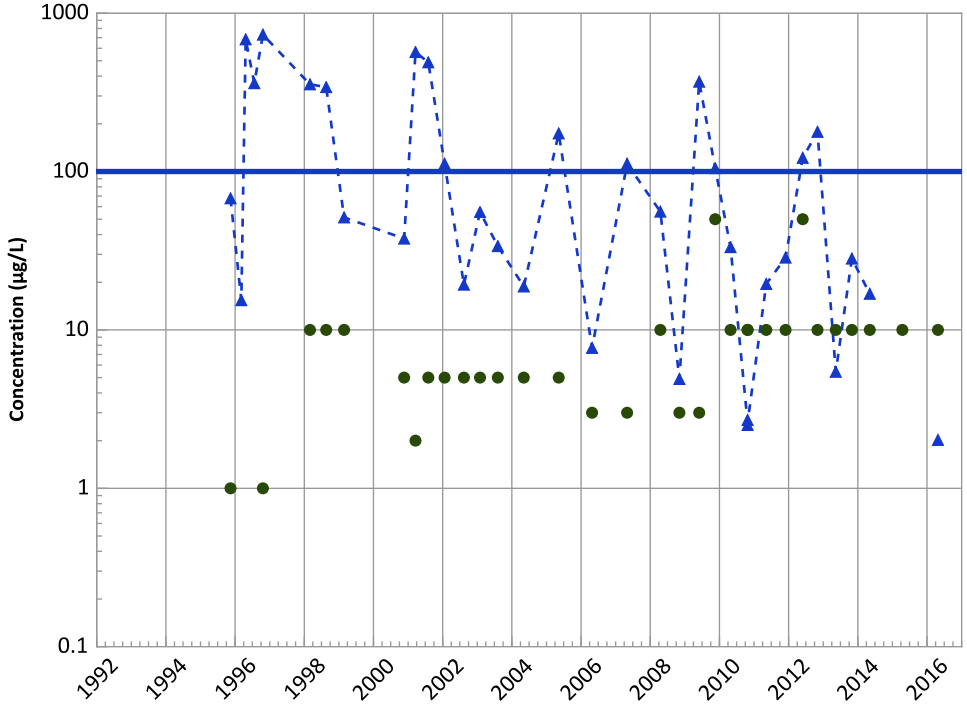


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Chromium, Total Trend



Concentration Trend

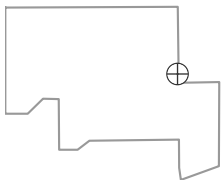
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 04/26/2016
Analysis Date: 03/07/2017

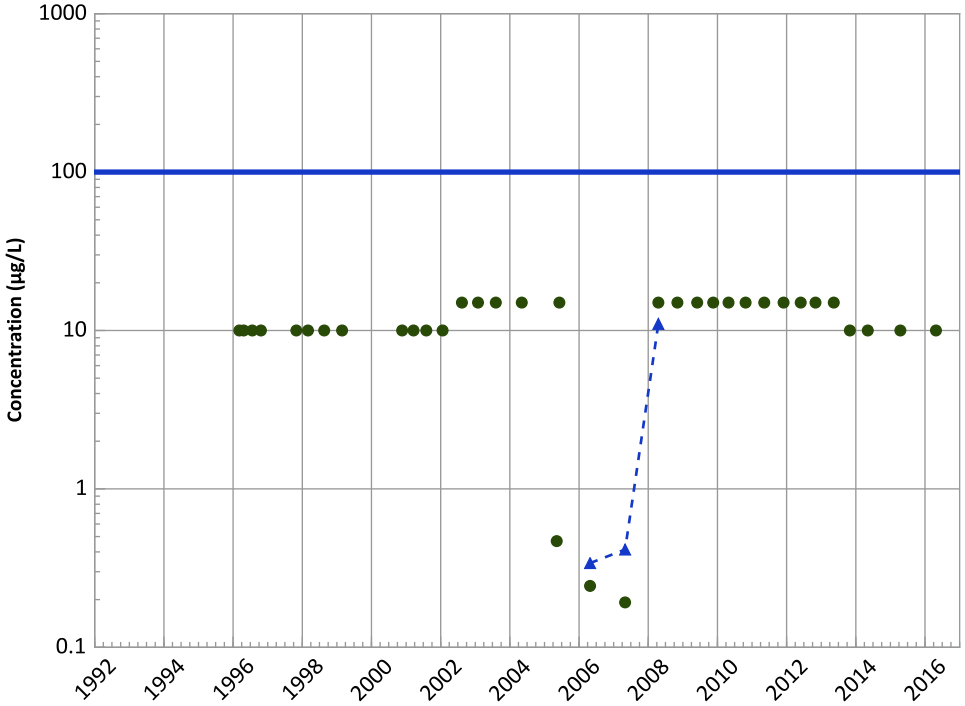
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

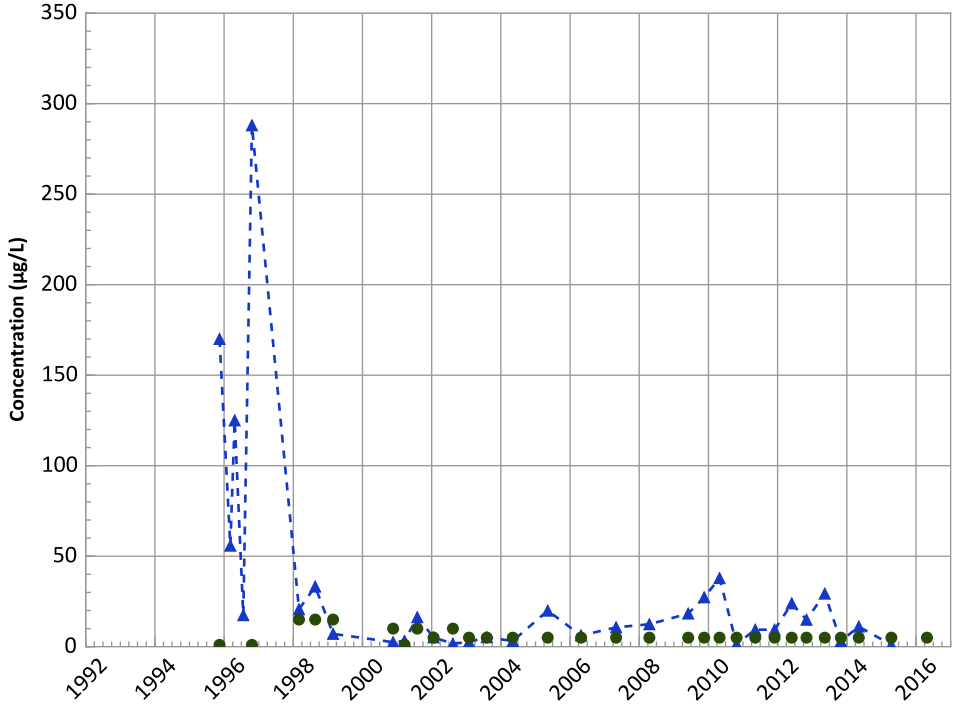


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

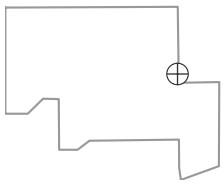
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 04/26/2016
Analysis Date: 03/07/2017

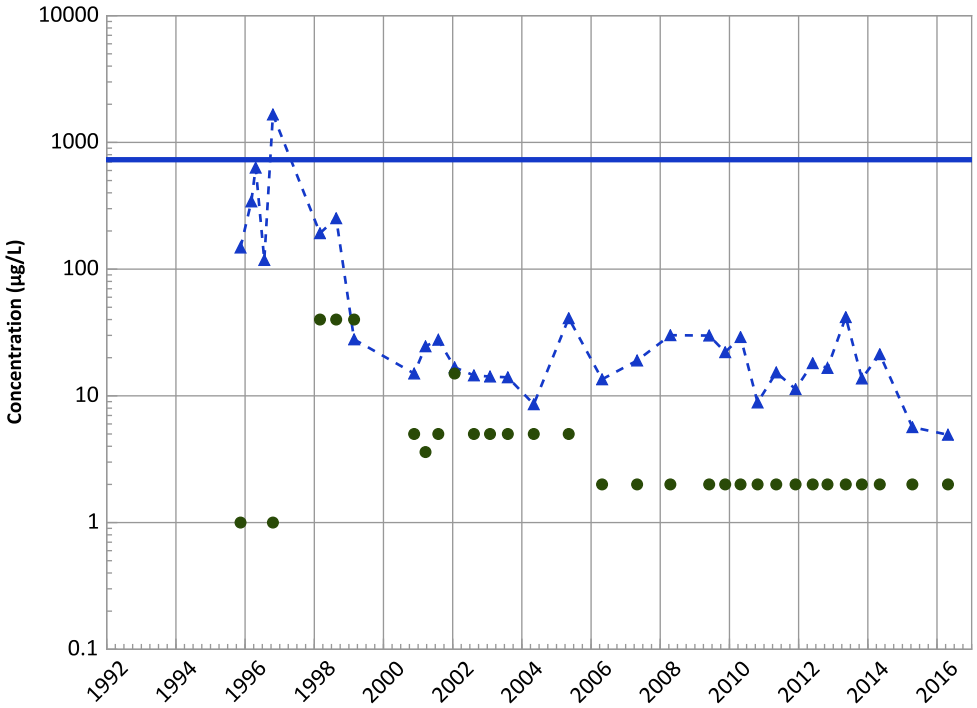
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

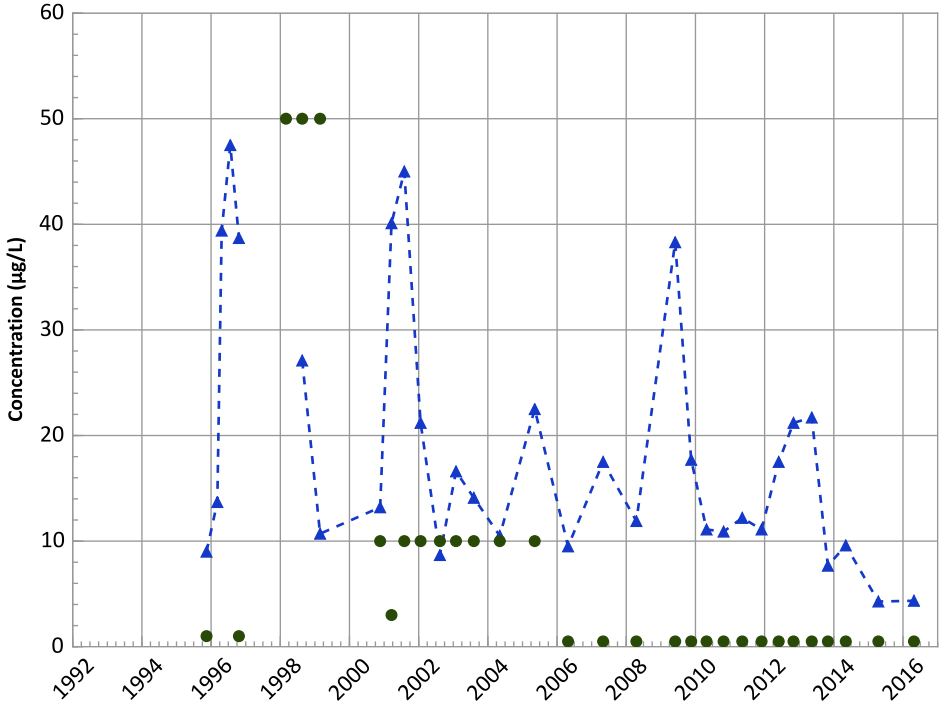


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Molybdenum Trend



Concentration Trend

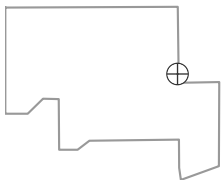
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 04/26/2016
Analysis Date: 03/07/2017

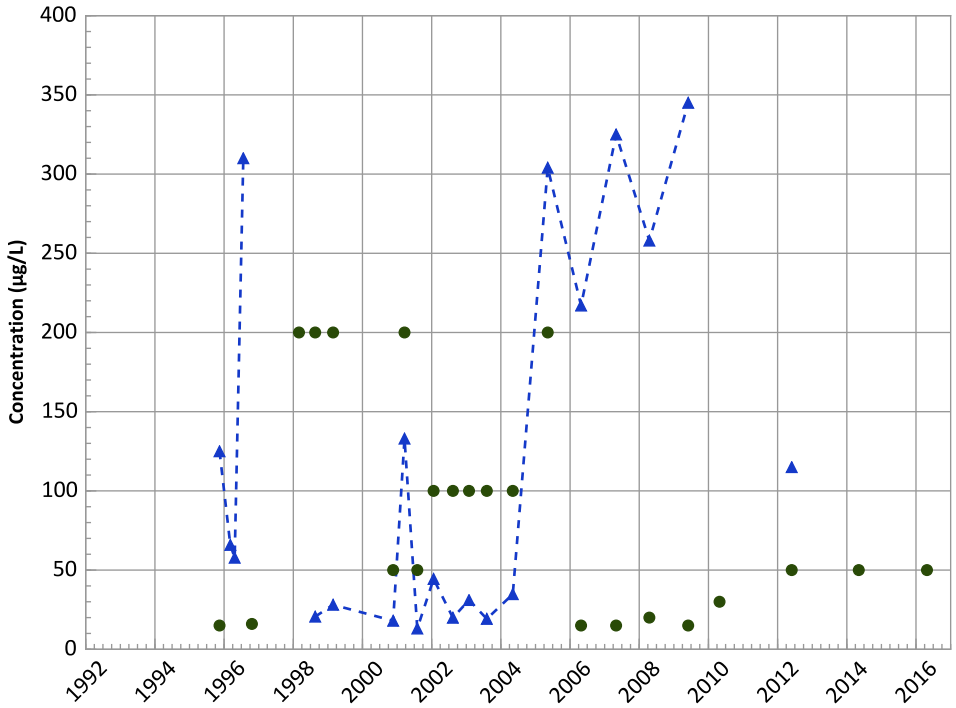
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

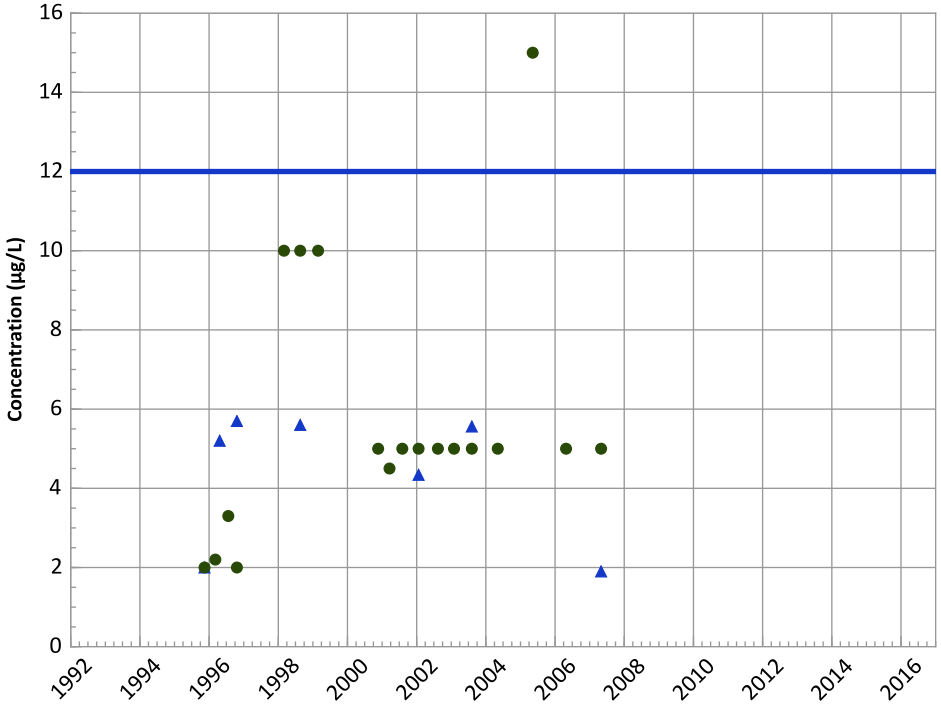


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Increasing

Arsenic Trend



Concentration Trend

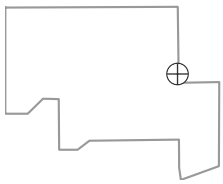
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 04/26/2016
Analysis Date: 03/07/2017

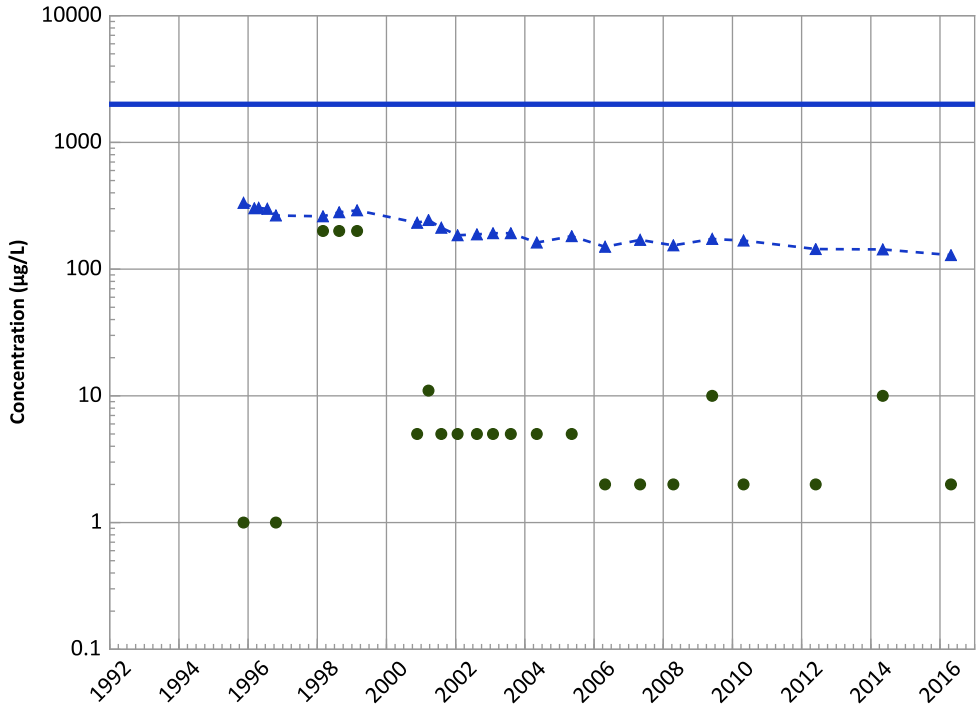
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

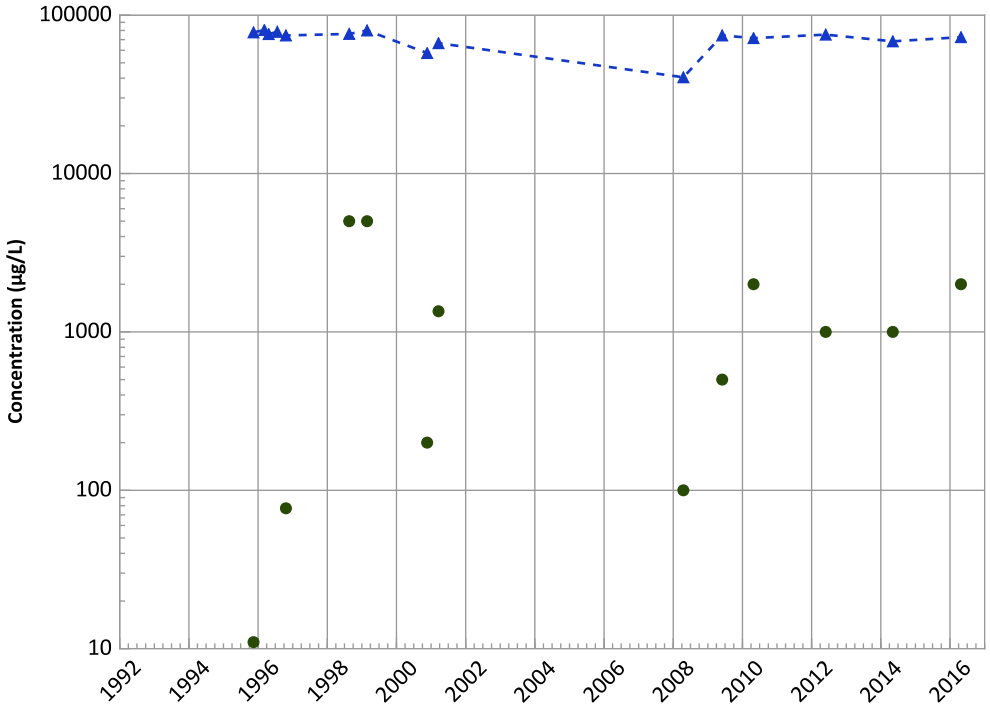


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Calcium Trend



Concentration Trend

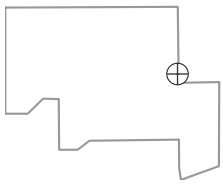
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 04/26/2016
Analysis Date: 03/07/2017

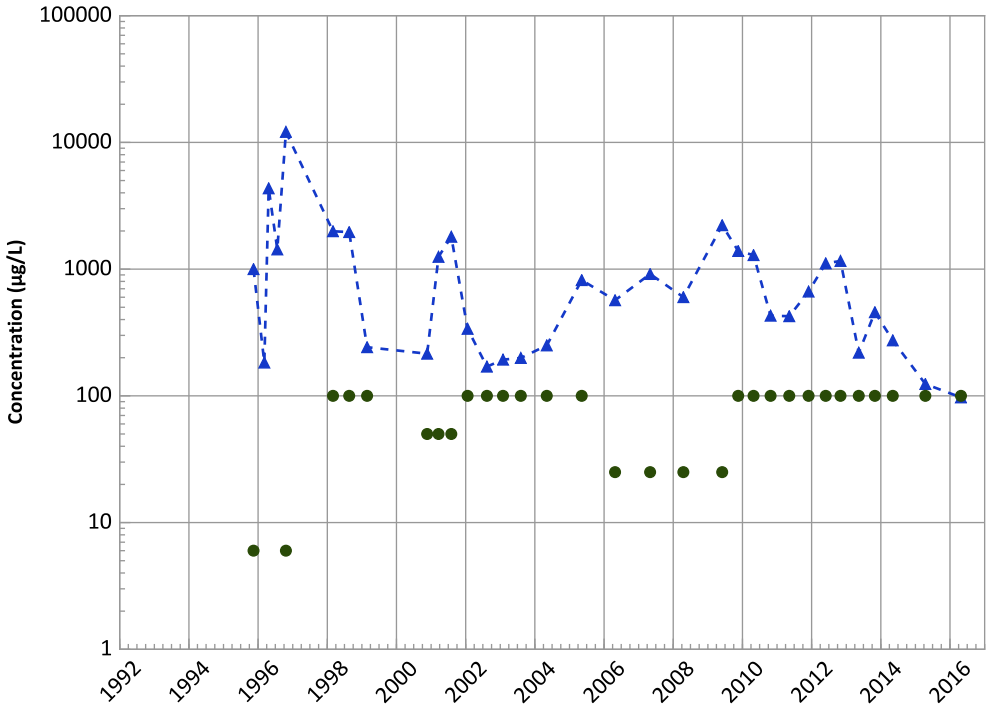
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

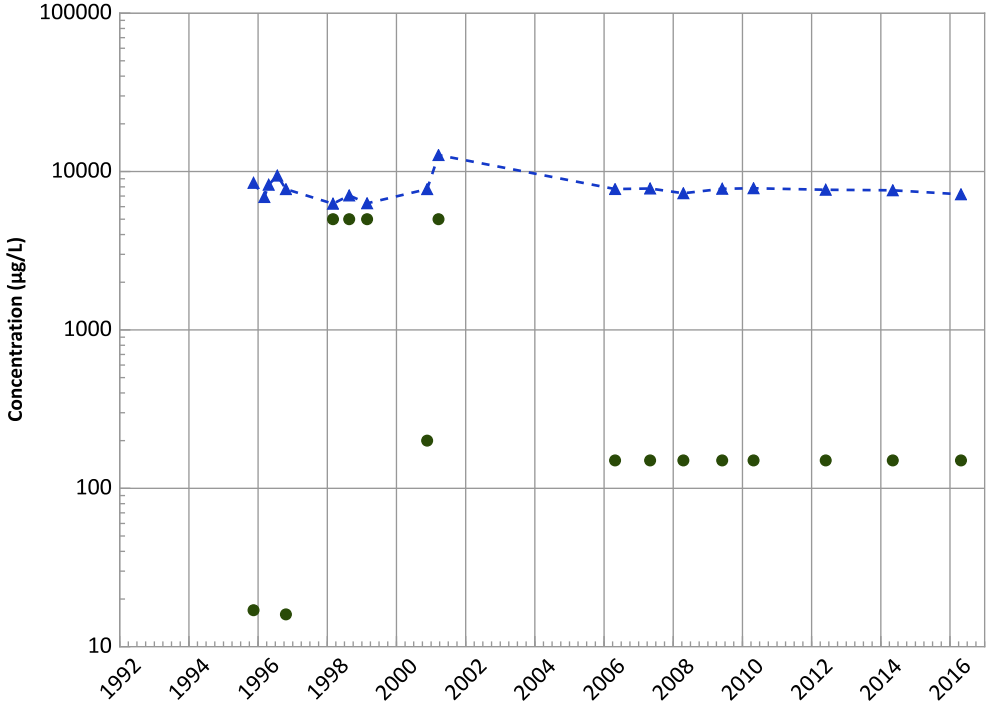


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Potassium Trend



Concentration Trend

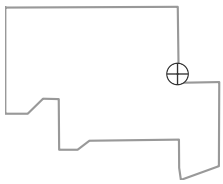
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 04/26/2016
Analysis Date: 03/07/2017

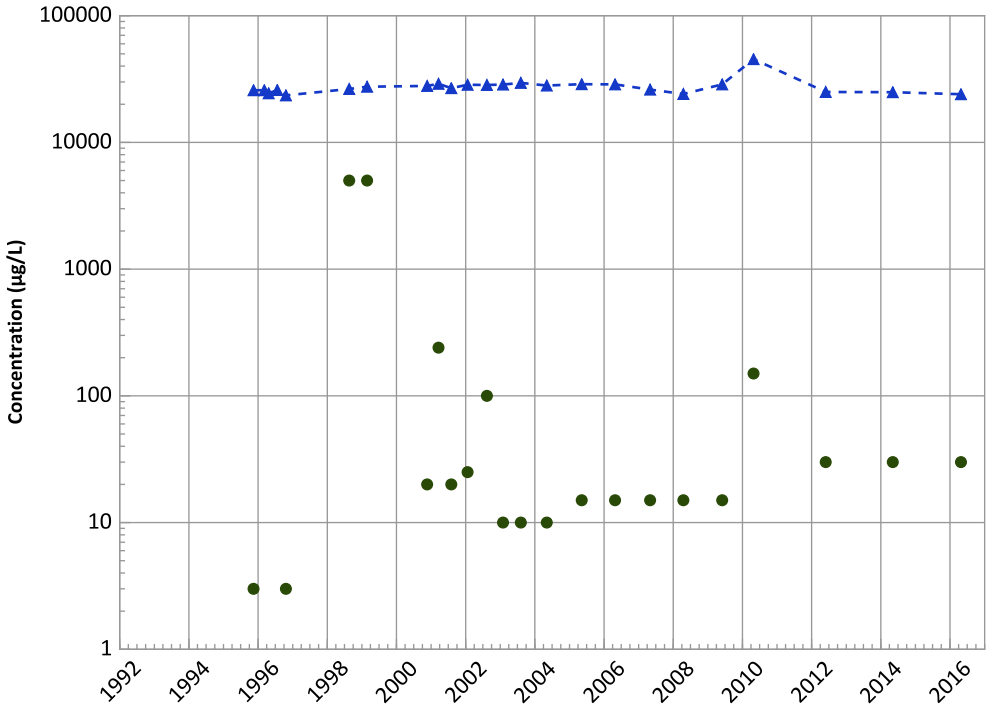
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

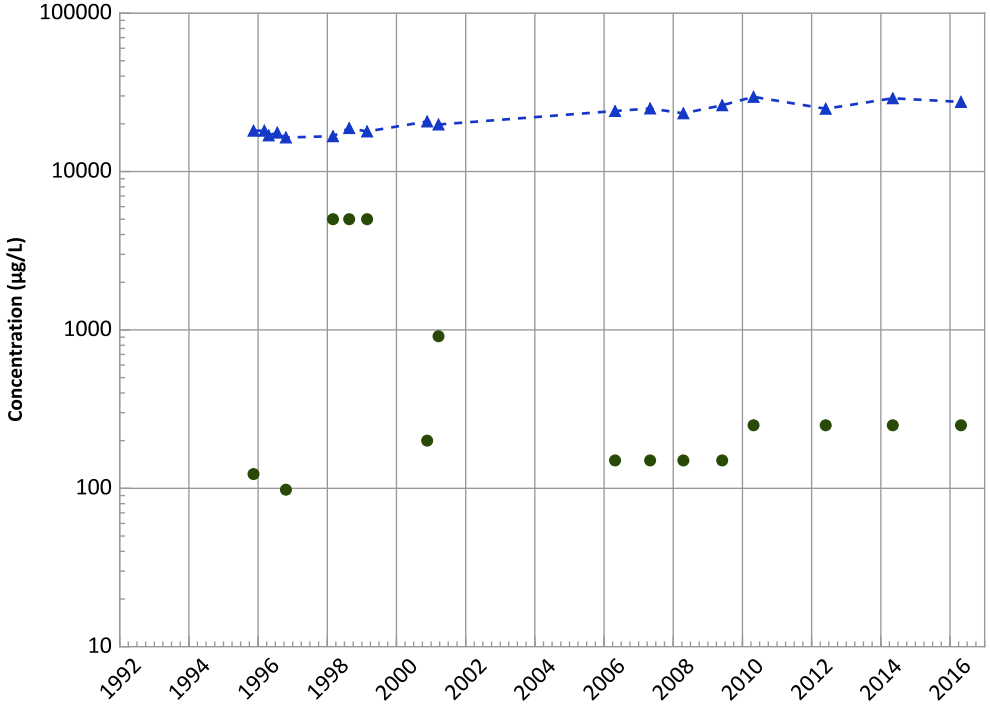


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Increasing

Sodium Trend



Concentration Trend

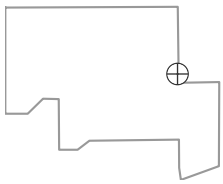
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

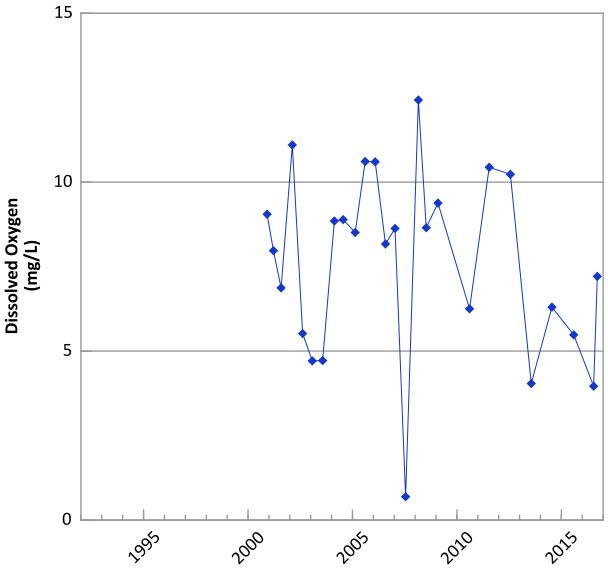
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 04/26/2016
Analysis Date: 03/07/2017

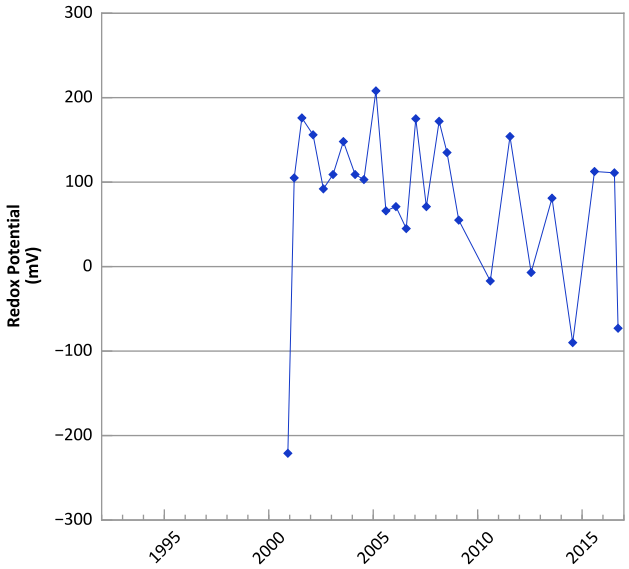
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

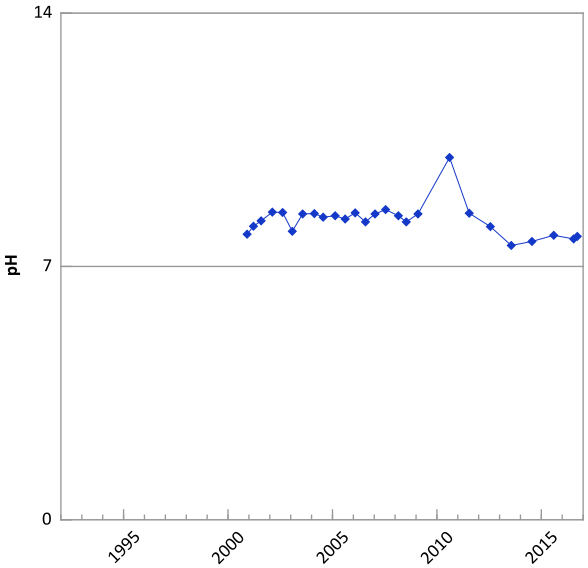
Well Location

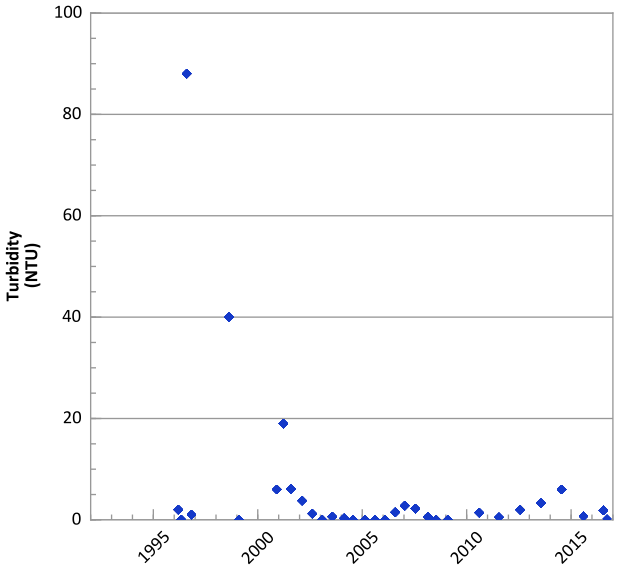


PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



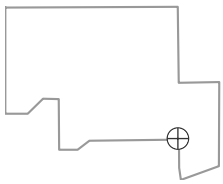






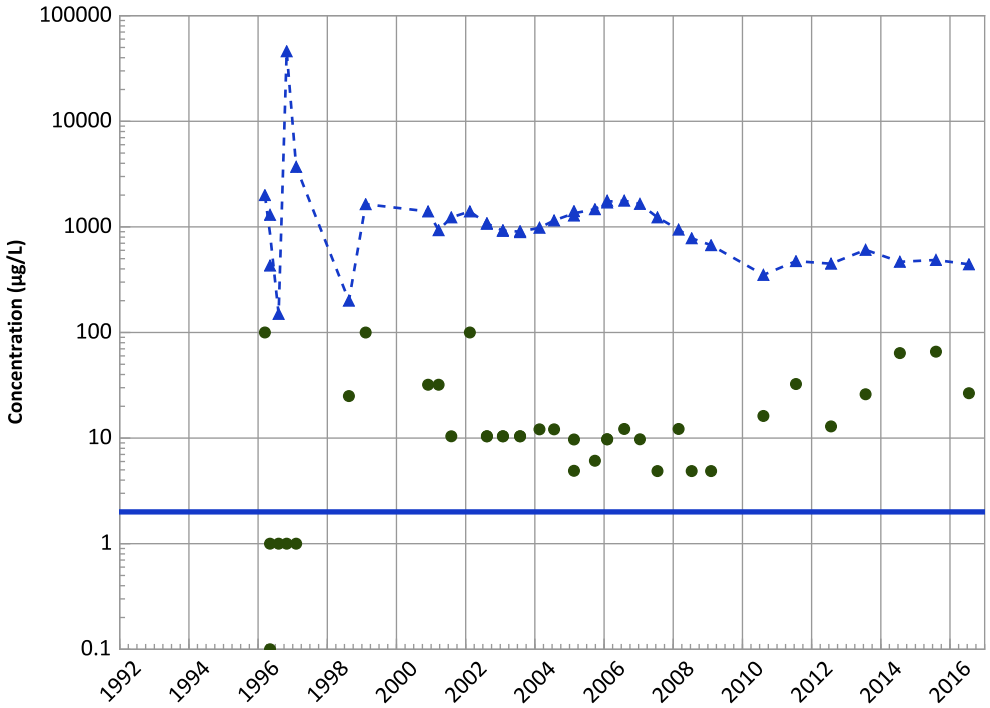
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/13/1996 to 09/21/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

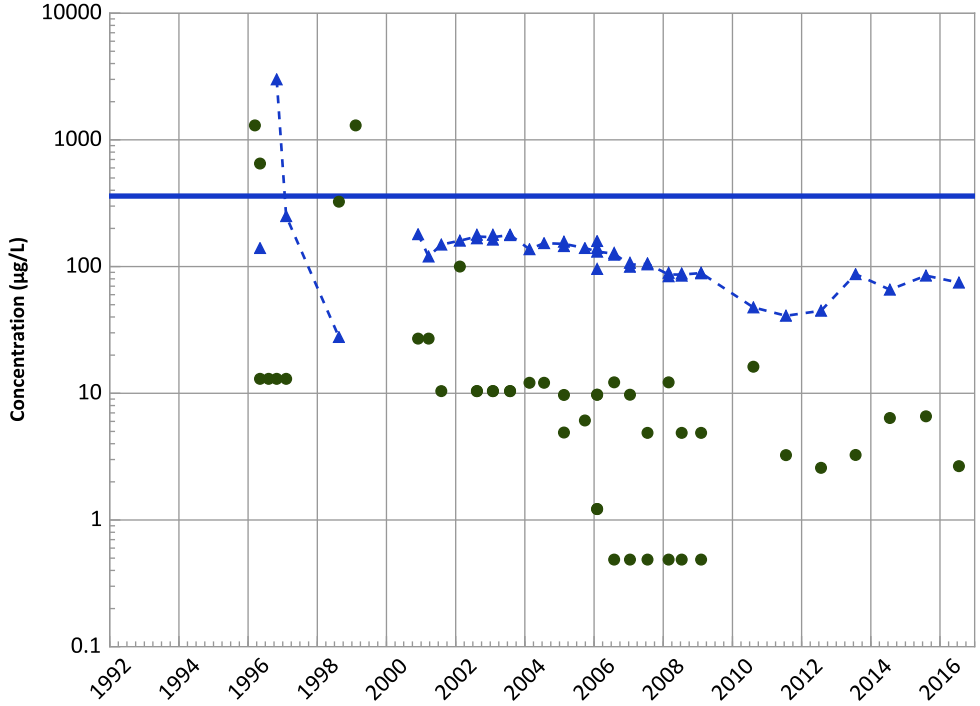


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

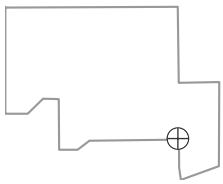
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/13/1996 to 09/21/2016
Analysis Date: 03/07/2017

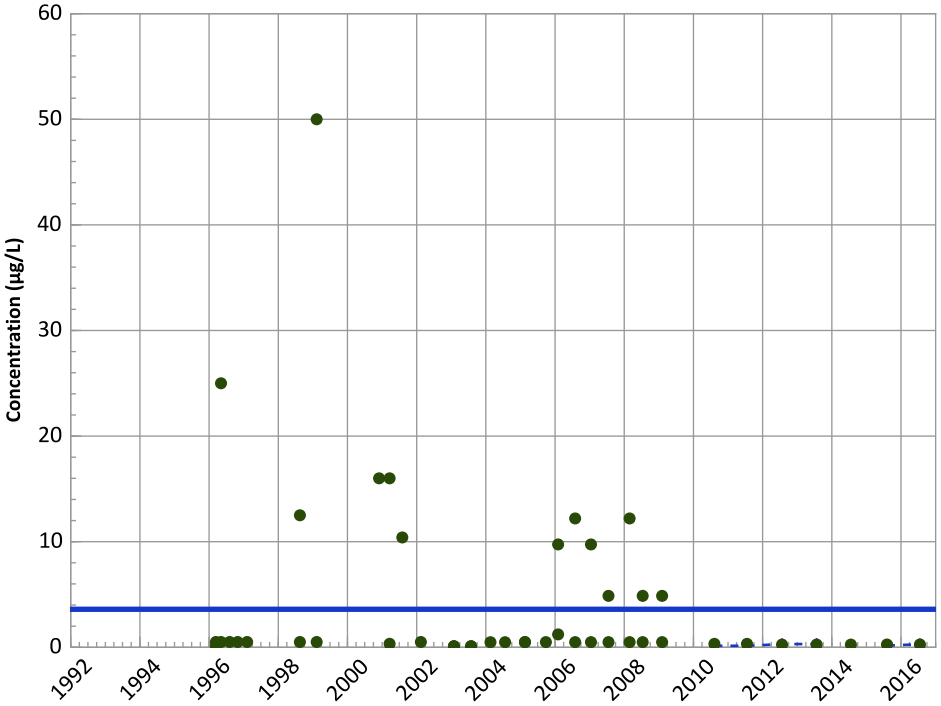
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

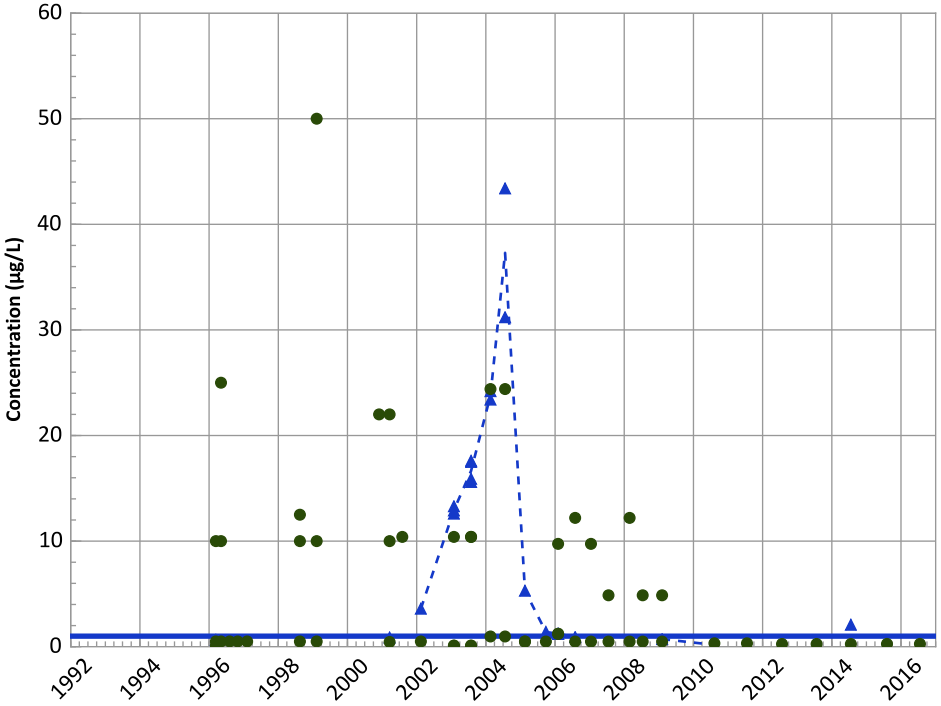


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

2,4-Dinitrotoluene Trend



Concentration Trend

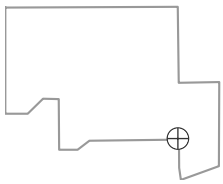
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/13/1996 to 09/21/2016
Analysis Date: 03/07/2017

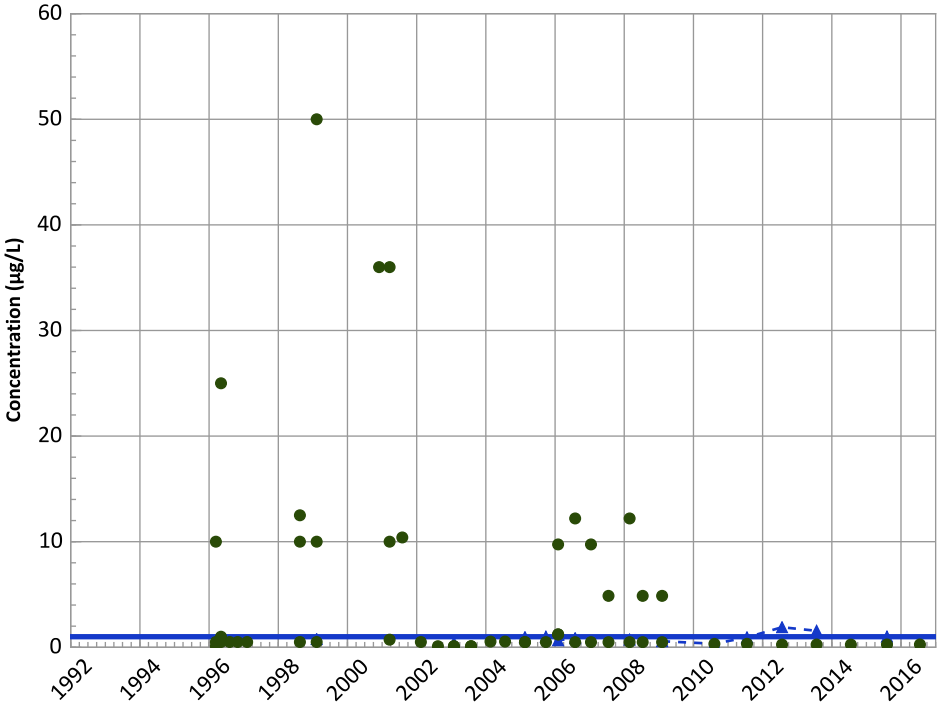
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

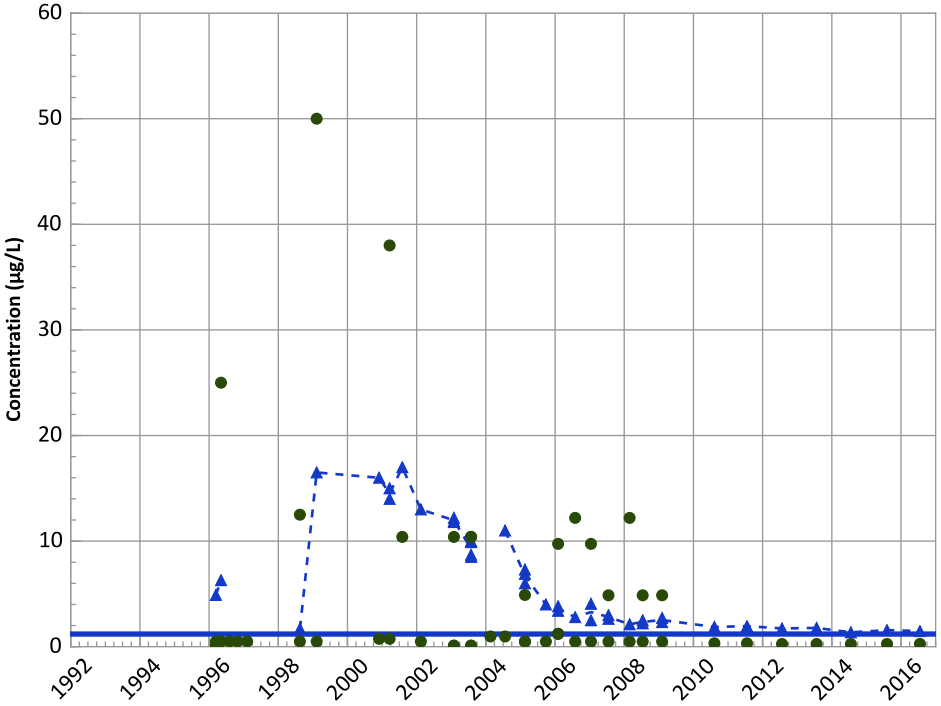


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

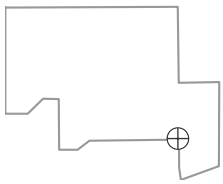
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/13/1996 to 09/21/2016
Analysis Date: 03/07/2017

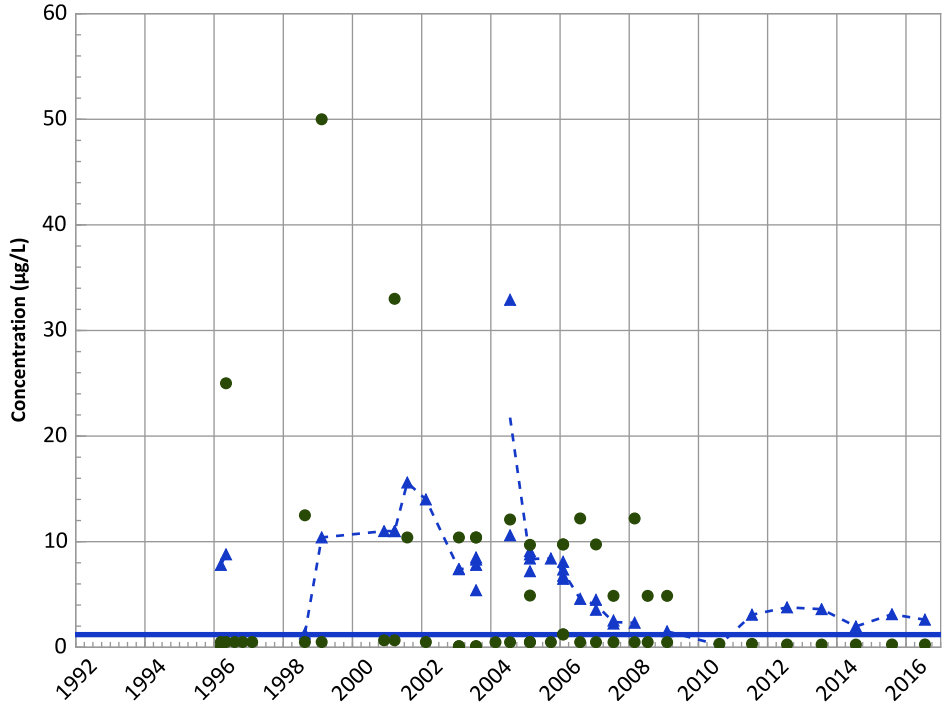
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

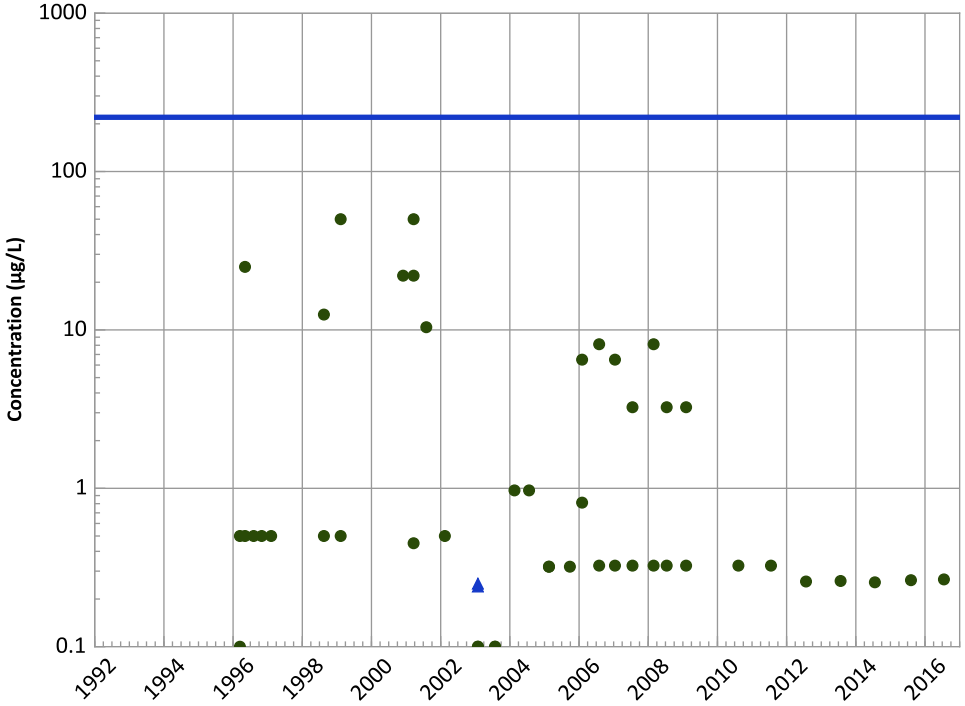


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

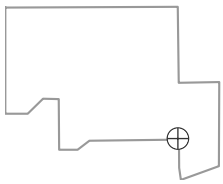
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/13/1996 to 09/21/2016
Analysis Date: 03/07/2017

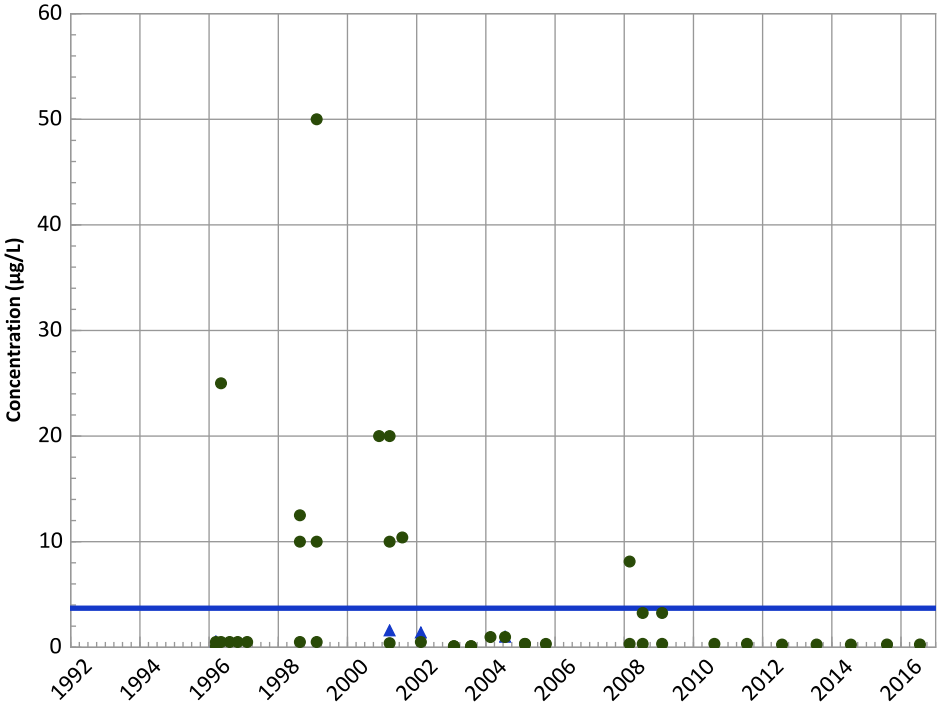
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

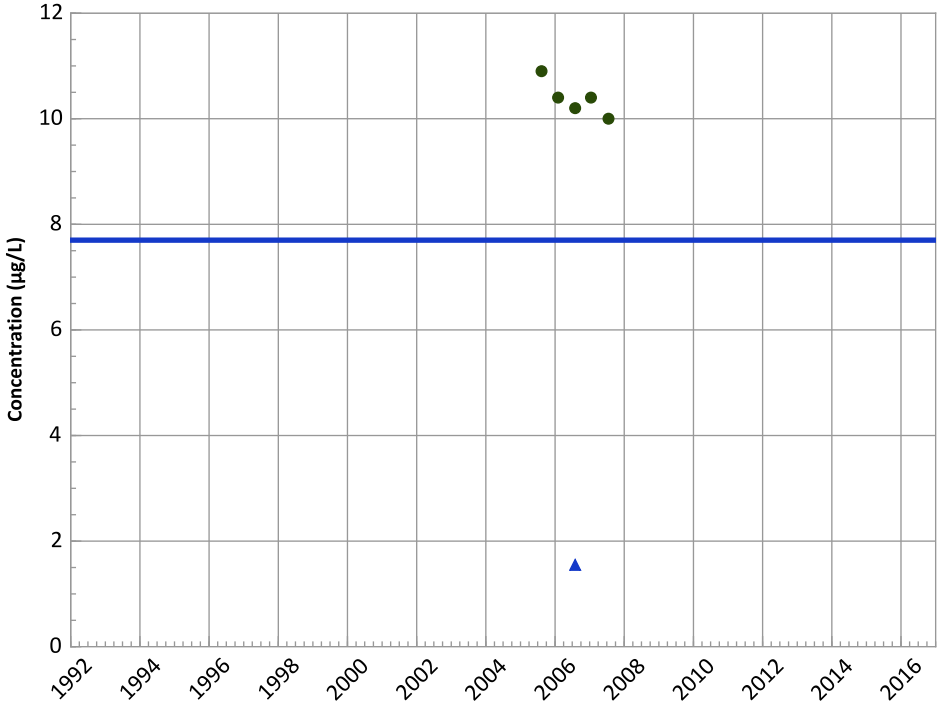


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
No Trend

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

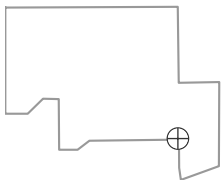
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/13/1996 to 09/21/2016
Analysis Date: 03/07/2017

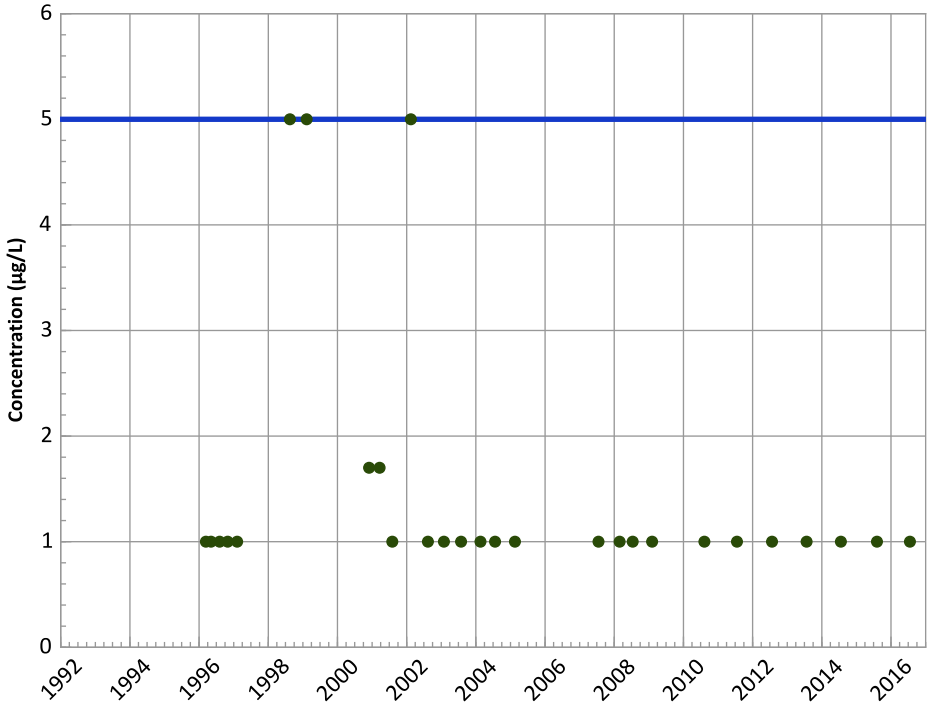
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

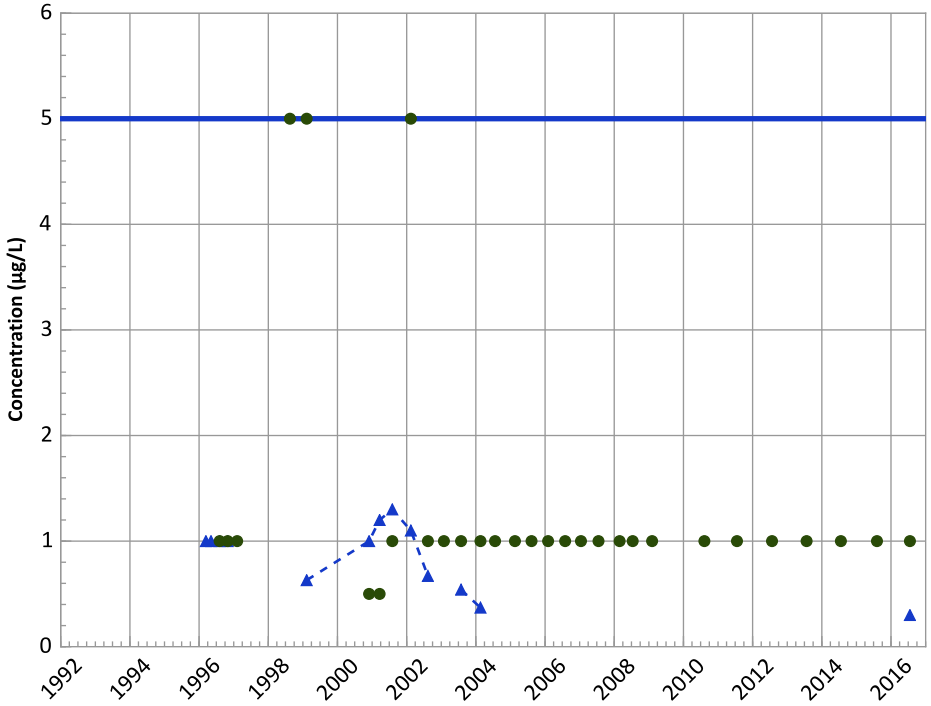


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

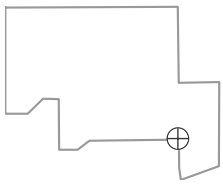
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/13/1996 to 09/21/2016
Analysis Date: 03/07/2017

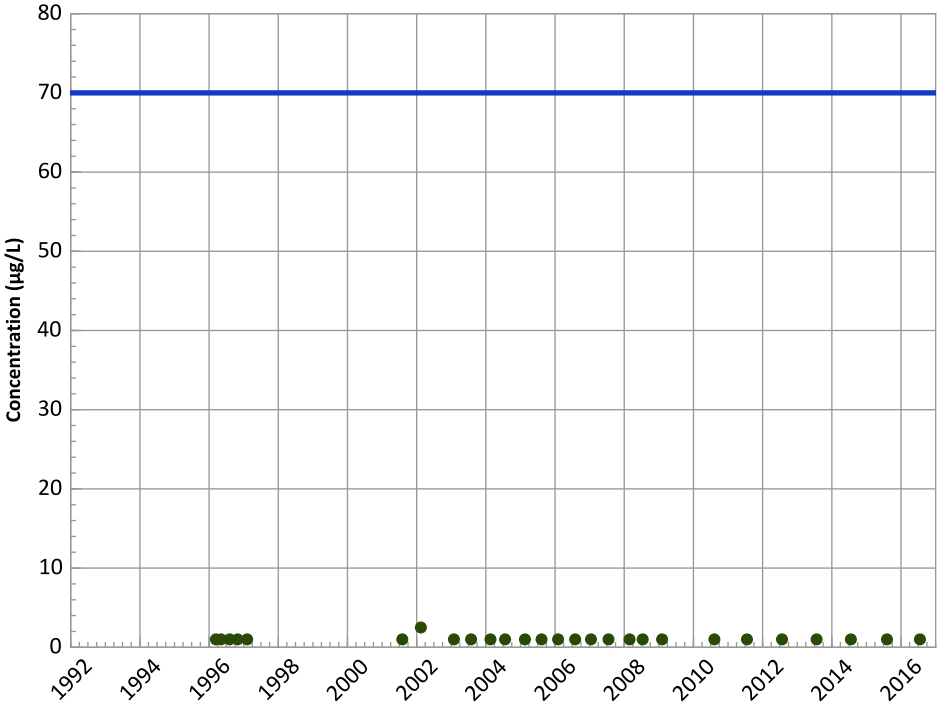
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

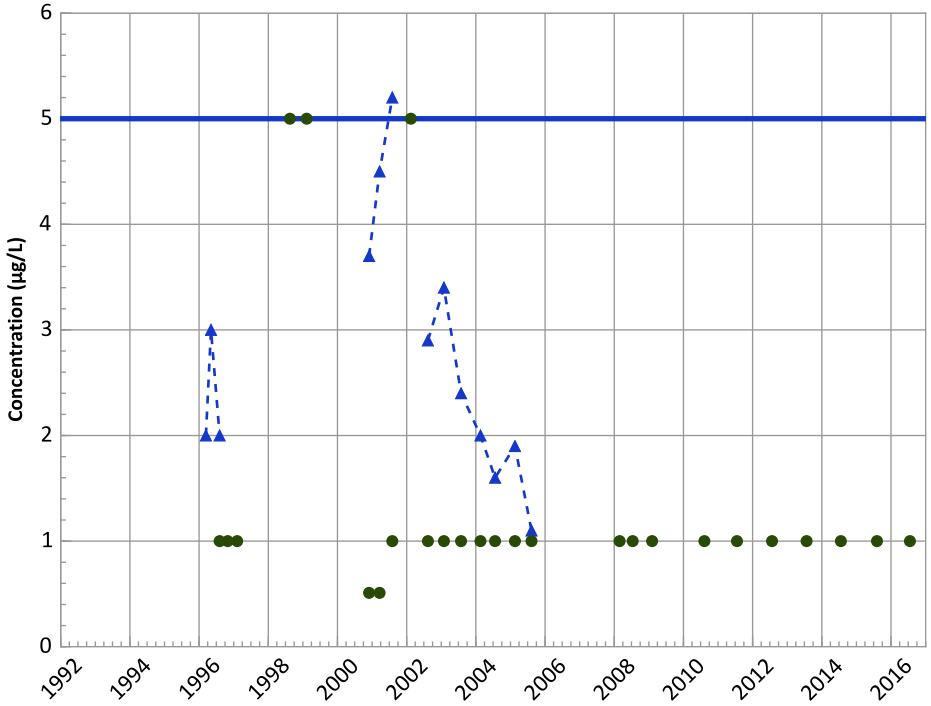


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

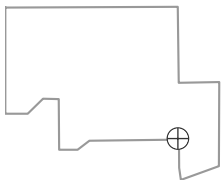
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/13/1996 to 09/21/2016
Analysis Date: 03/07/2017

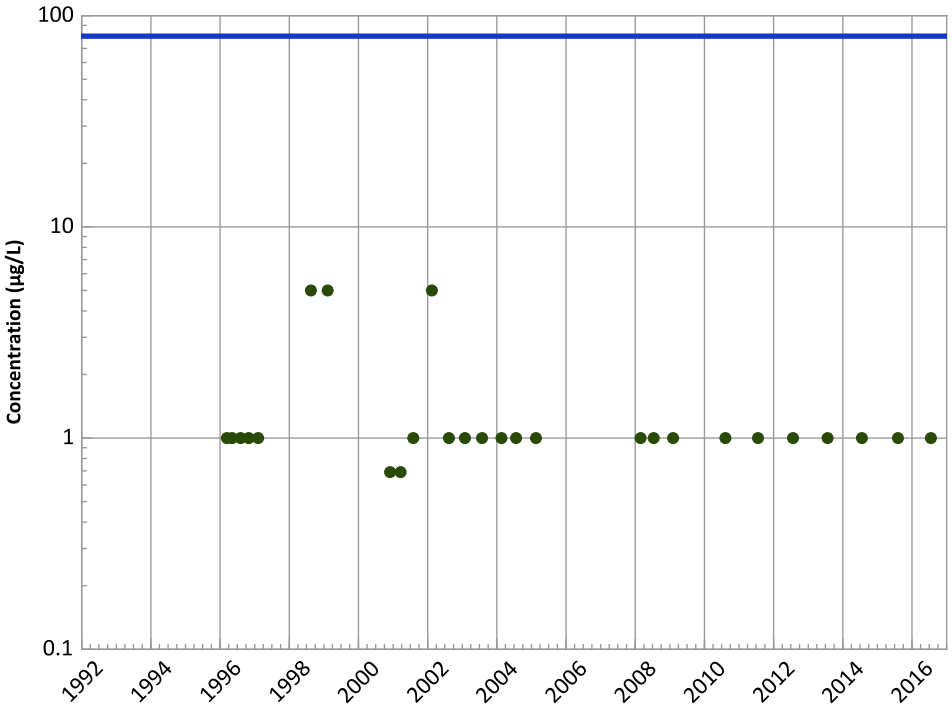
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

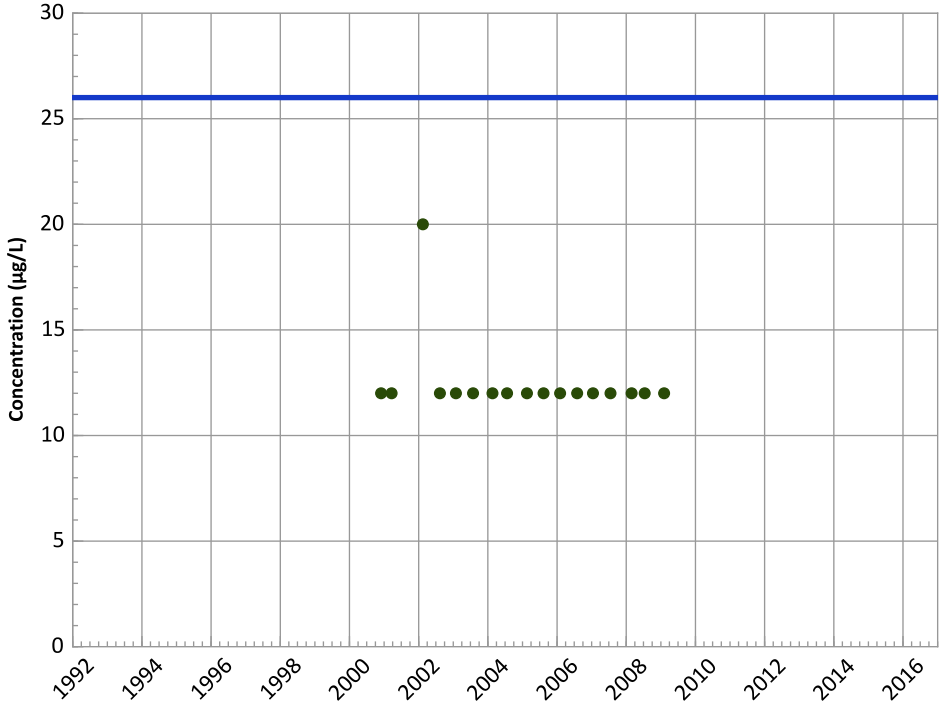


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

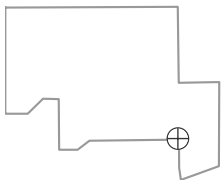
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/13/1996 to 09/21/2016
Analysis Date: 03/07/2017

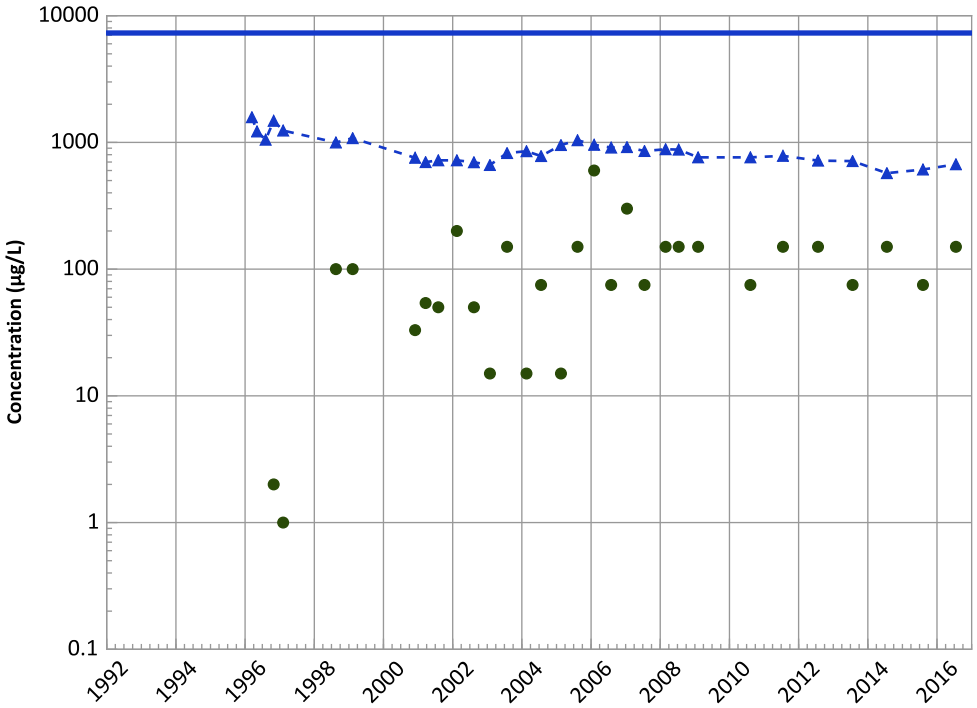
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

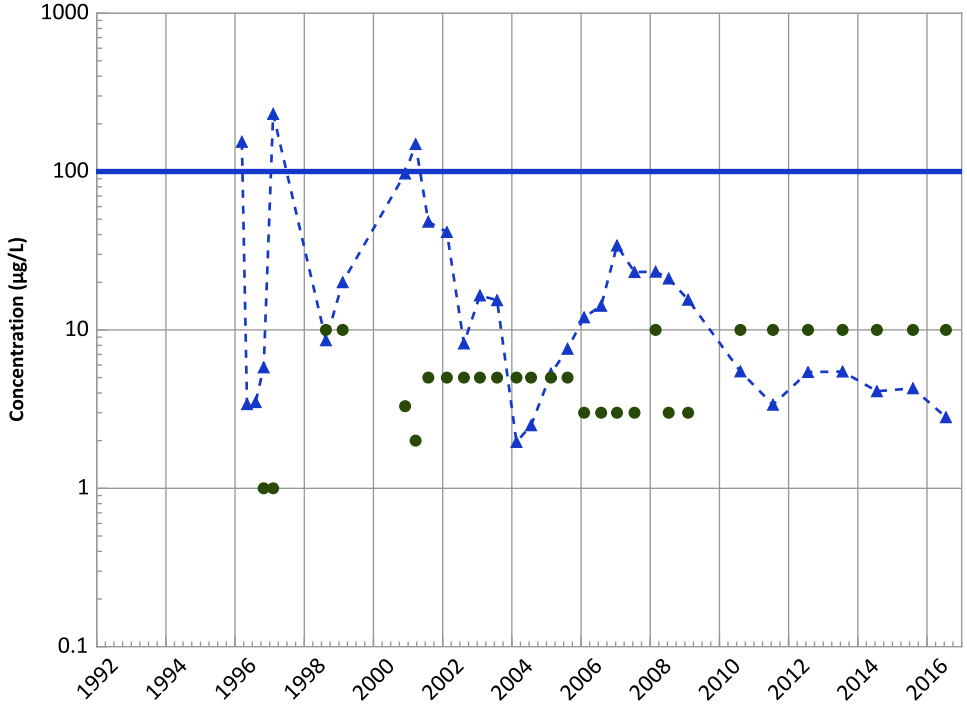


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

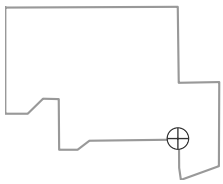
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/13/1996 to 09/21/2016
Analysis Date: 03/07/2017

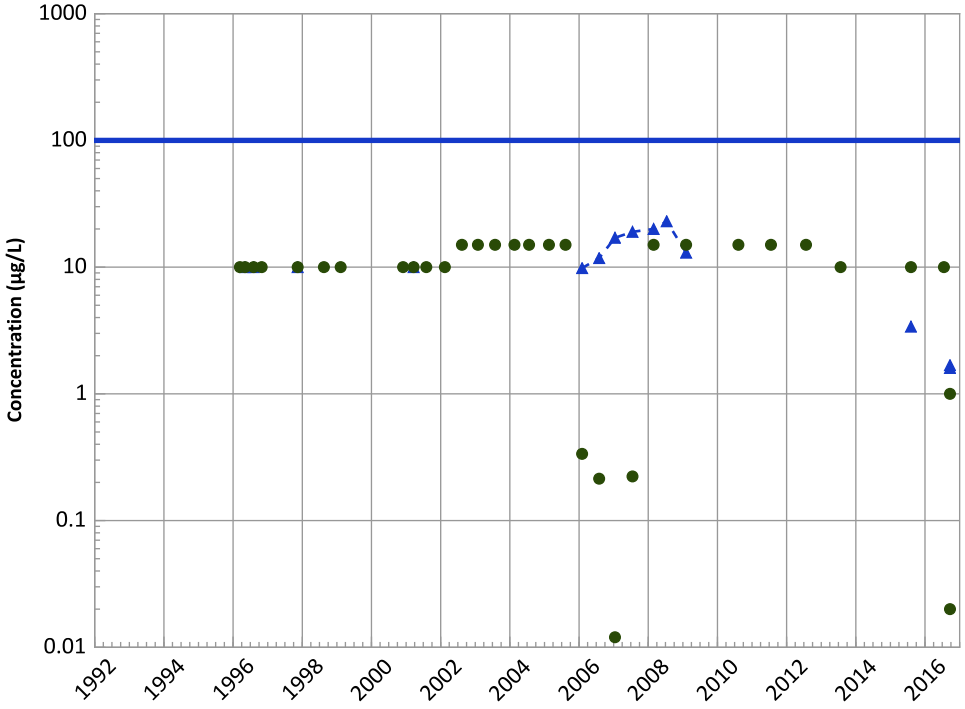
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

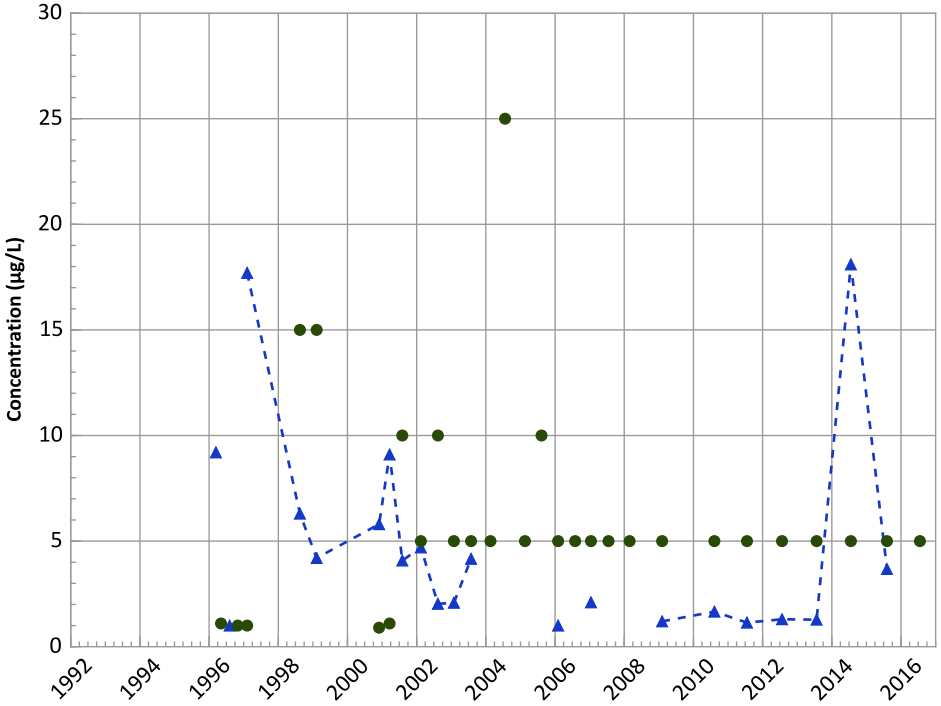


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

Manganese Trend



Concentration Trend

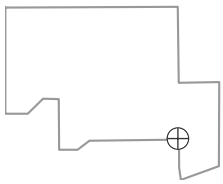
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/13/1996 to 09/21/2016
Analysis Date: 03/07/2017

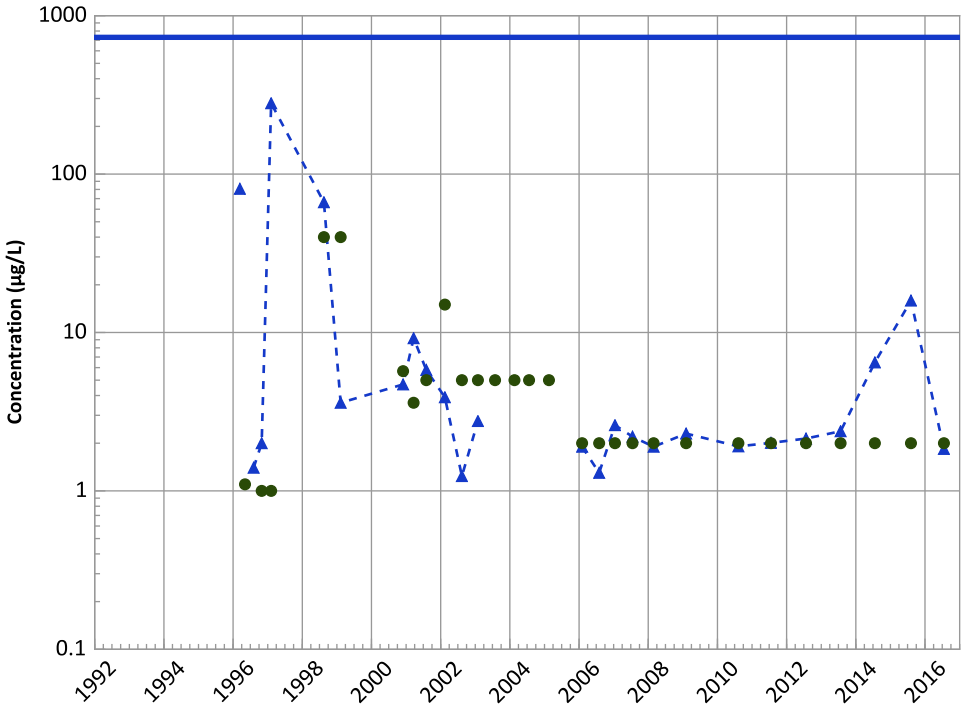
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

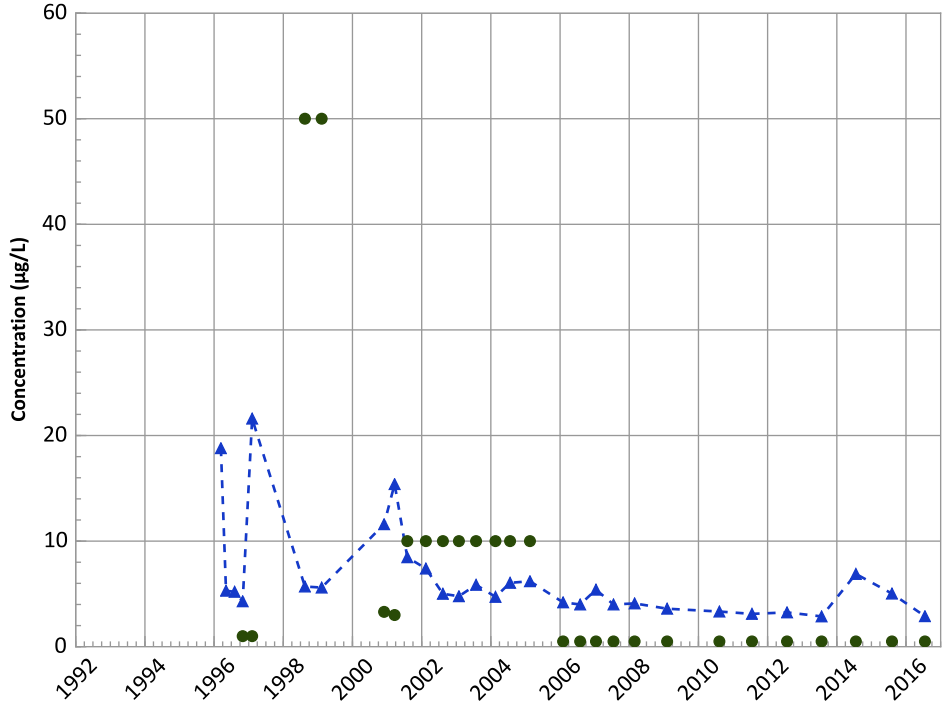


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Molybdenum Trend



Concentration Trend

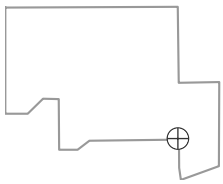
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/13/1996 to 09/21/2016
Analysis Date: 03/07/2017

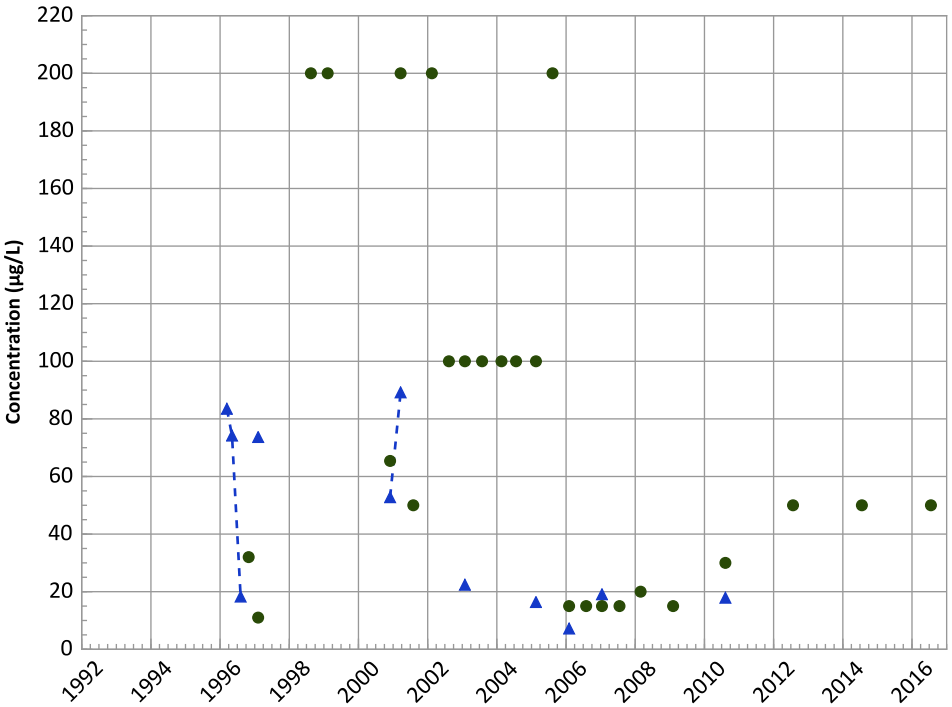
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

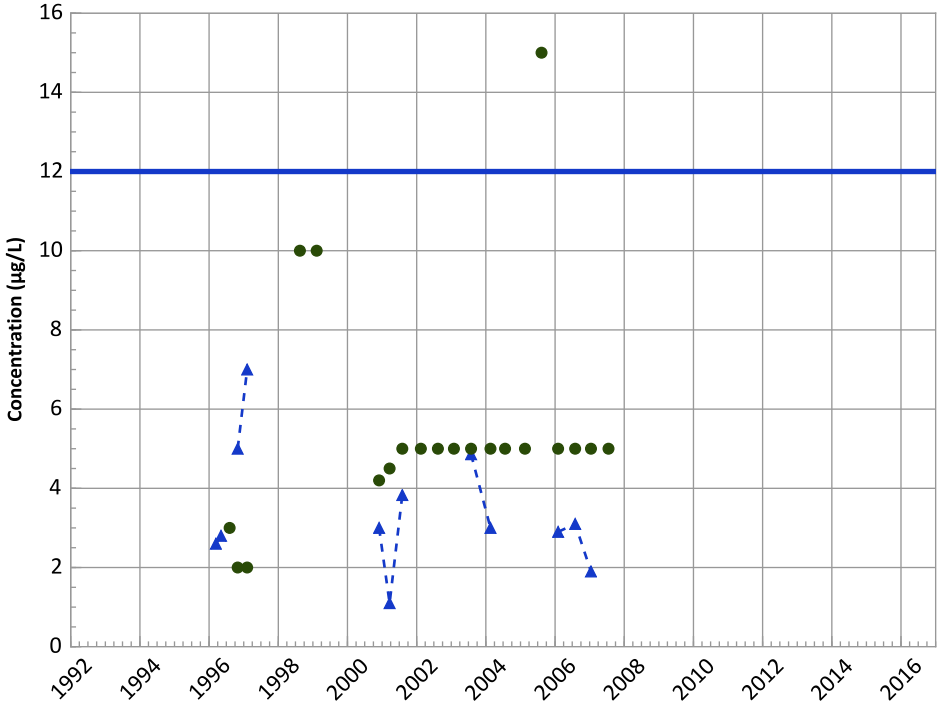


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Arsenic Trend



Concentration Trend

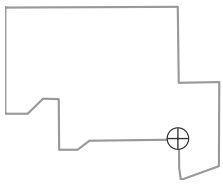
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/13/1996 to 09/21/2016
Analysis Date: 03/07/2017

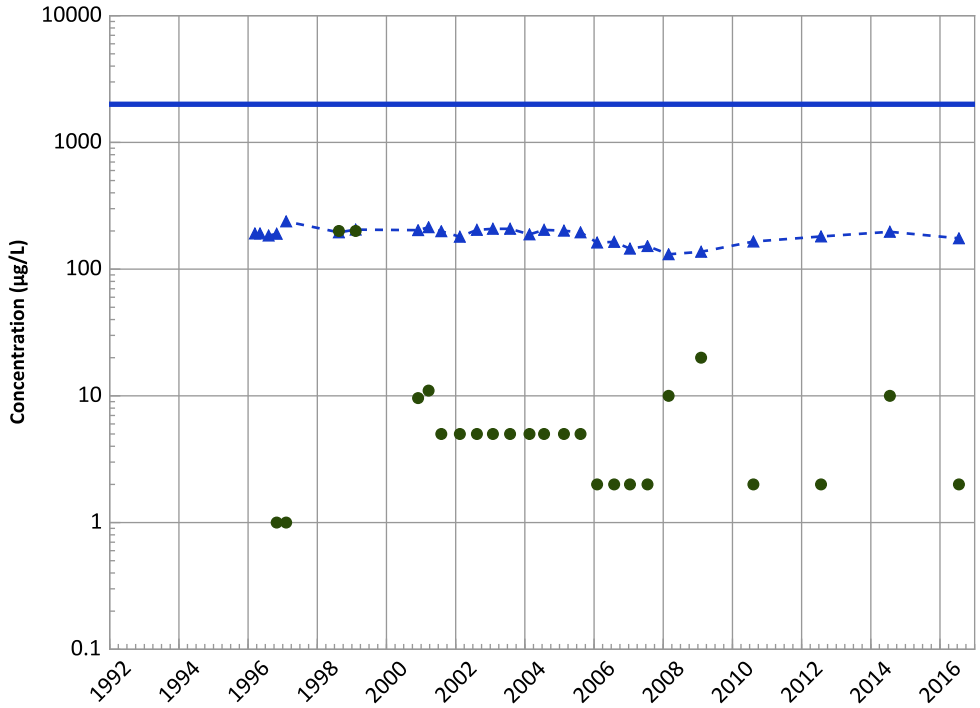
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

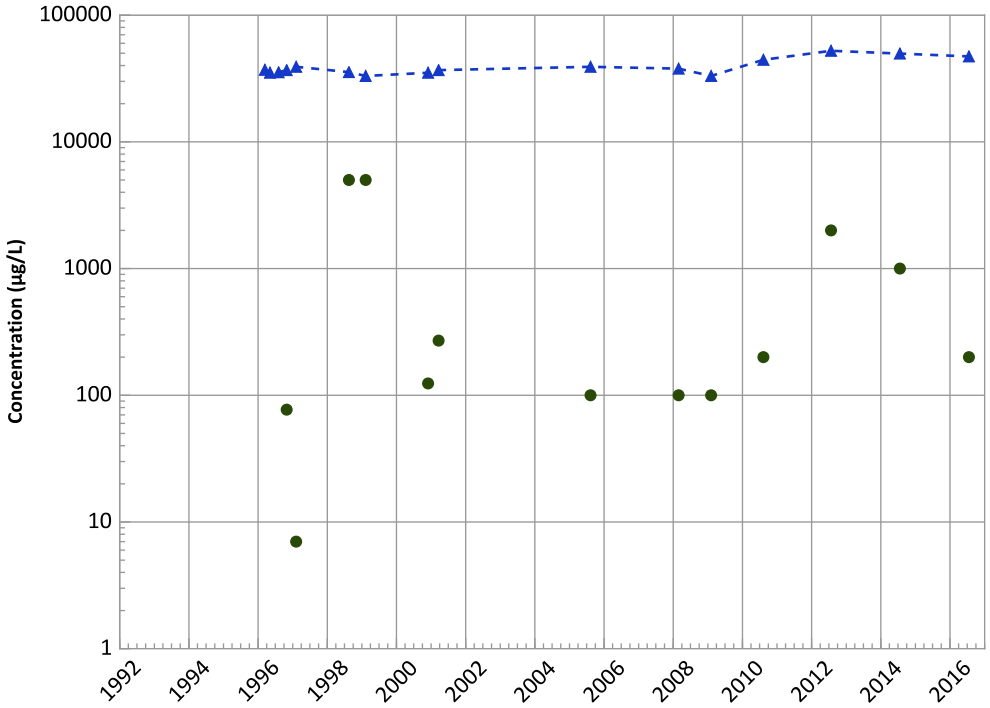


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Calcium Trend



Concentration Trend

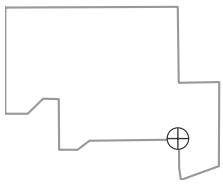
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/13/1996 to 09/21/2016
Analysis Date: 03/07/2017

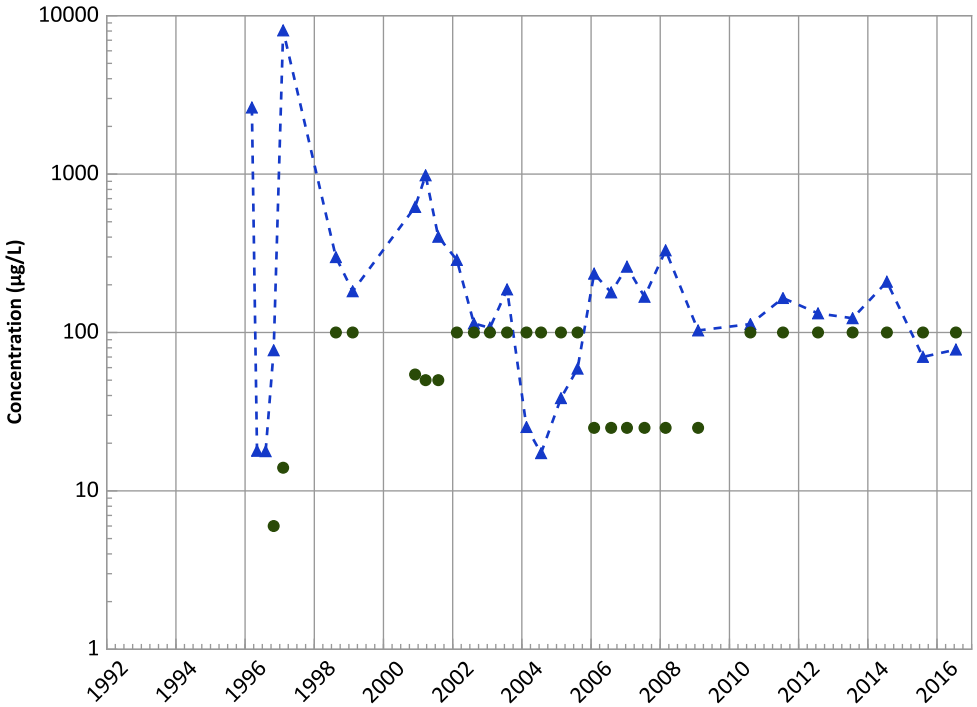
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

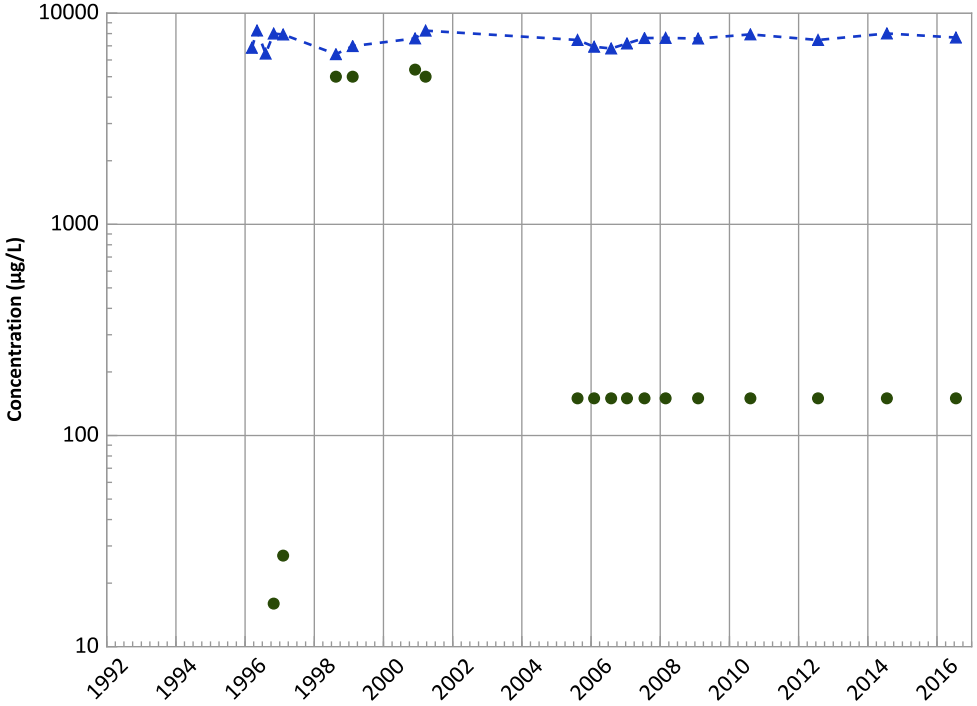


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

Potassium Trend



Concentration Trend

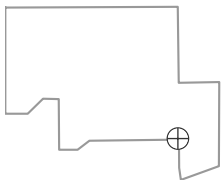
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/13/1996 to 09/21/2016
Analysis Date: 03/07/2017

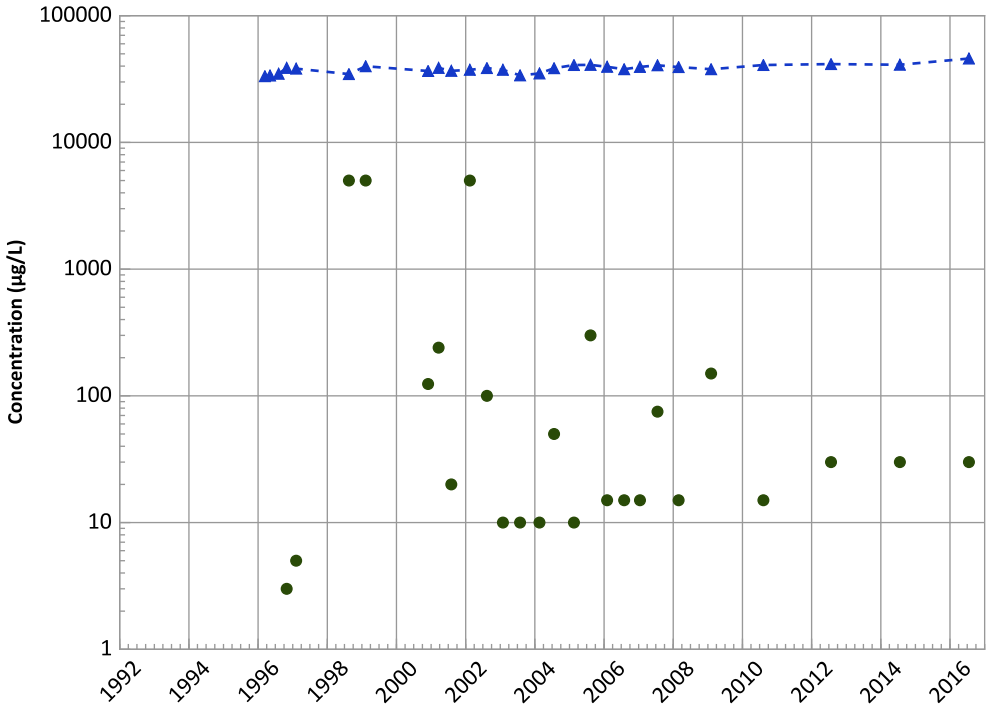
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

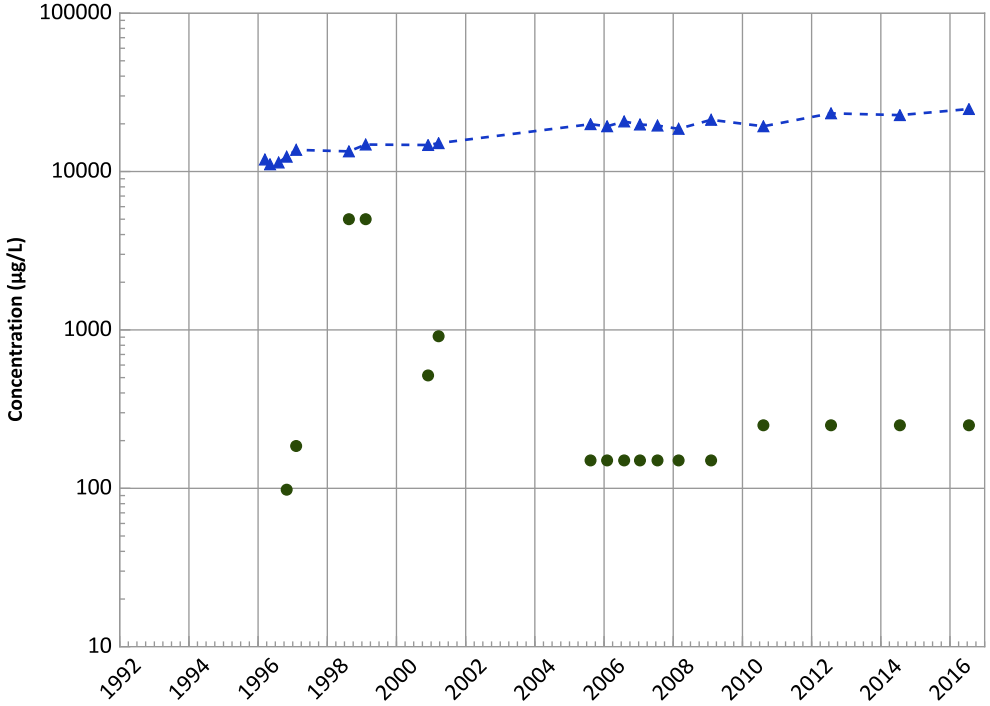


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Sodium Trend



Concentration Trend

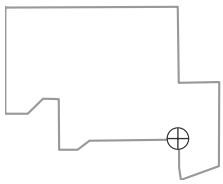
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

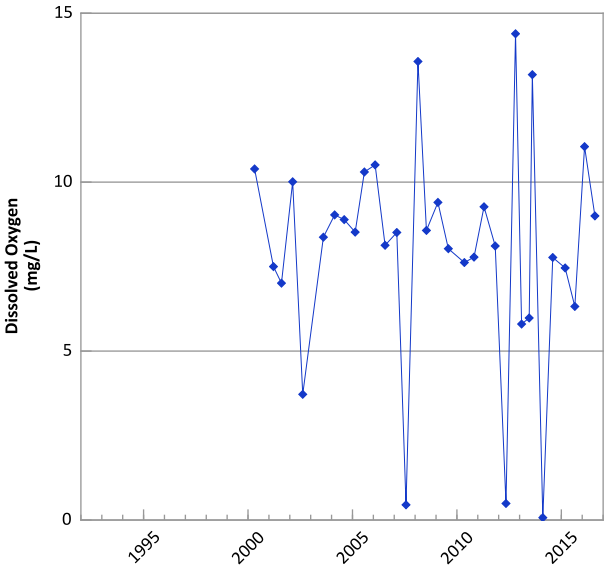
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/13/1996 to 09/21/2016
Analysis Date: 03/07/2017

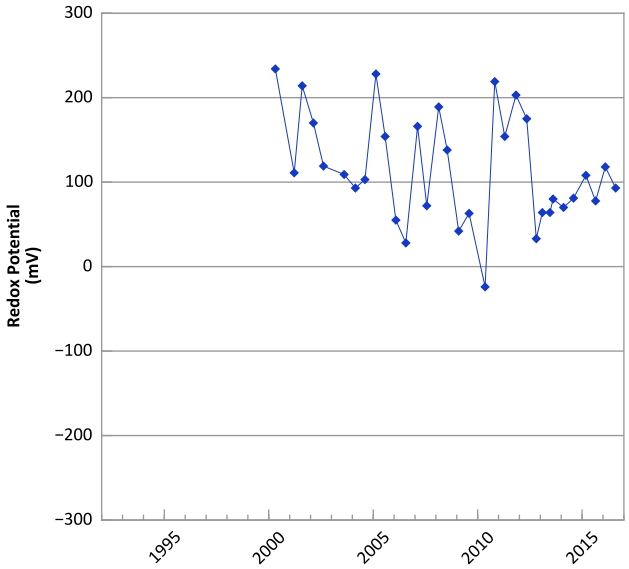
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

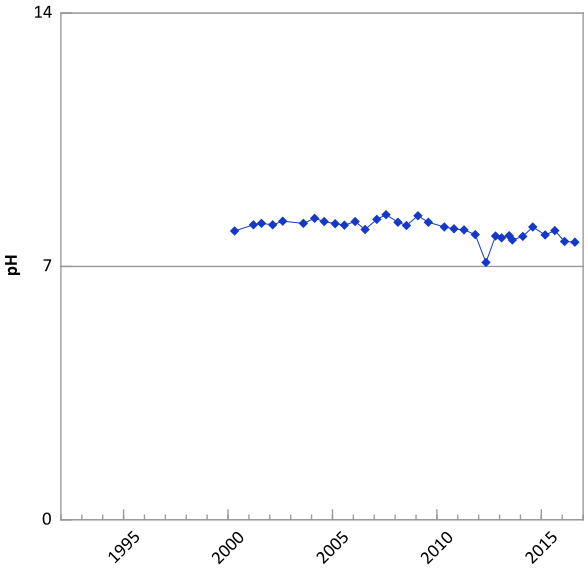
Well Location

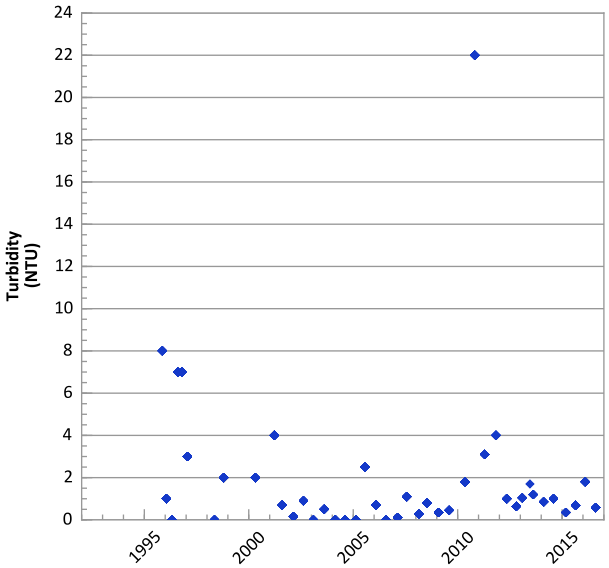


PTX06-1015 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



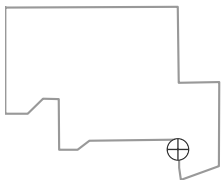






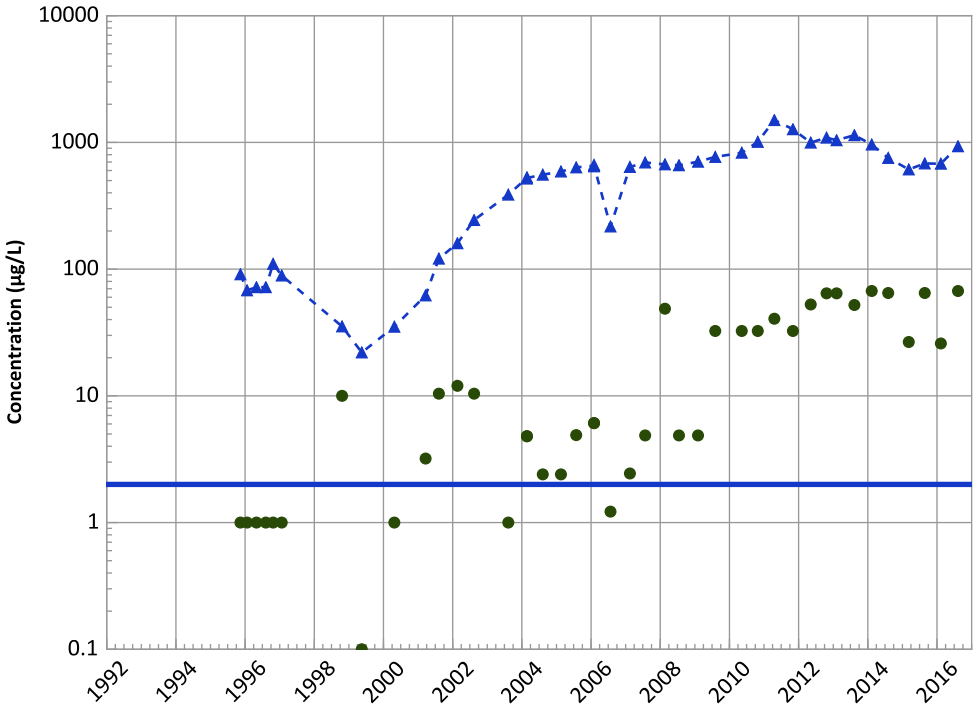
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/13/1995 to 08/10/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1015 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

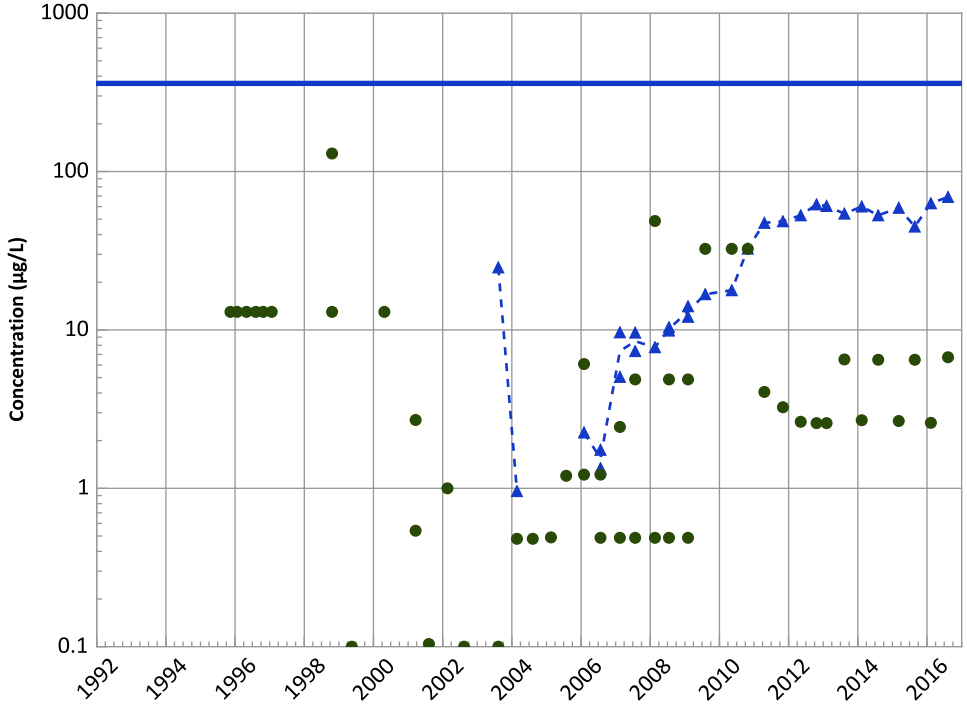


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

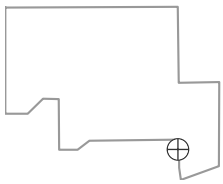
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/13/1995 to 08/10/2016
Analysis Date: 03/07/2017

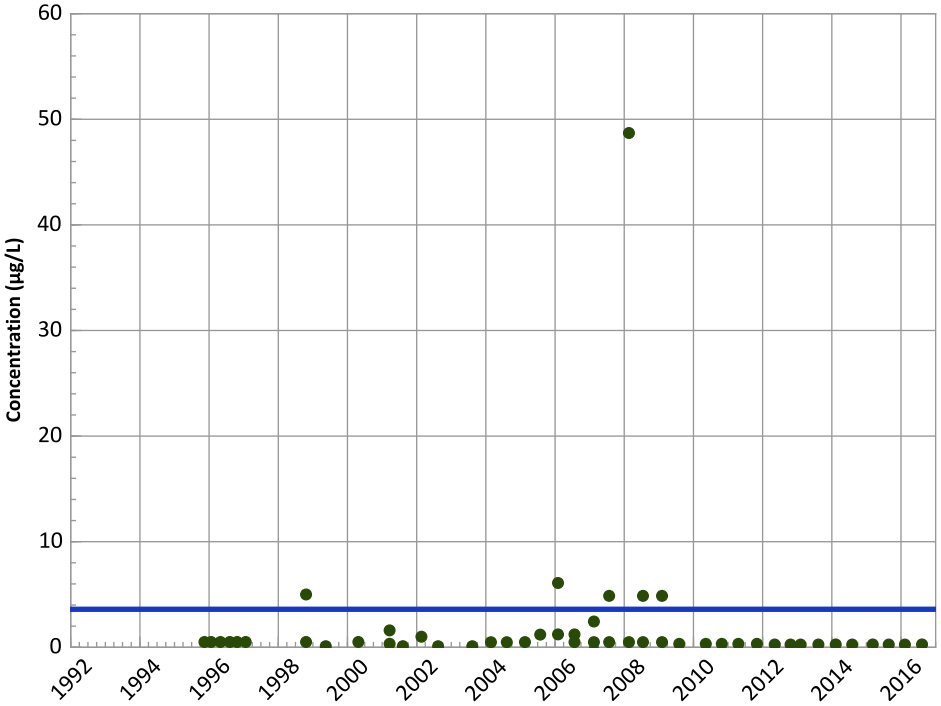
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1015 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

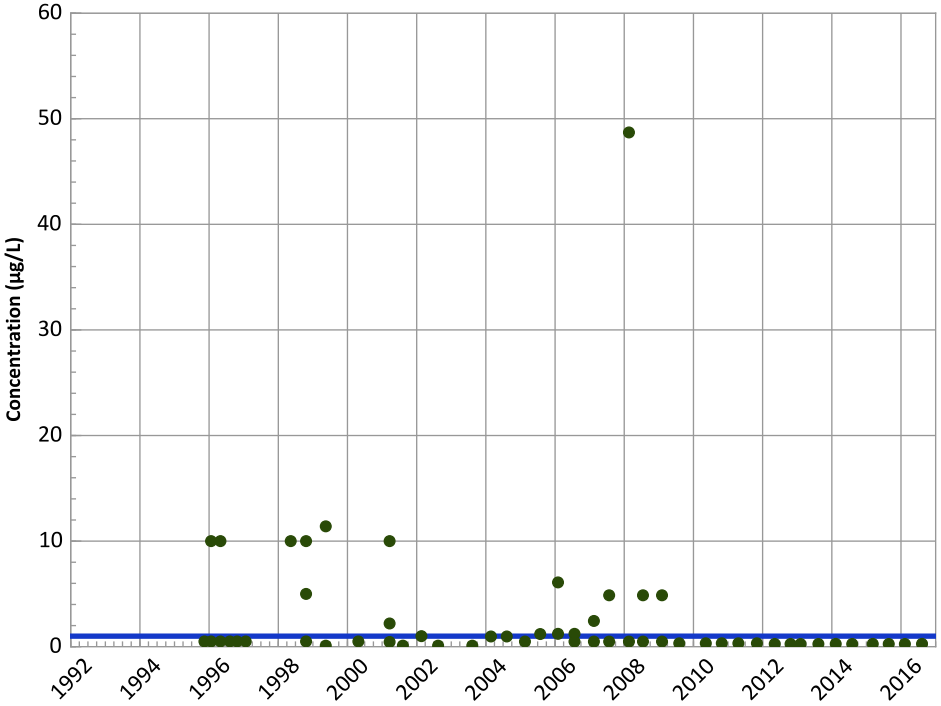


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

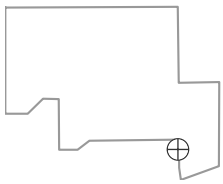
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/13/1995 to 08/10/2016
Analysis Date: 03/07/2017

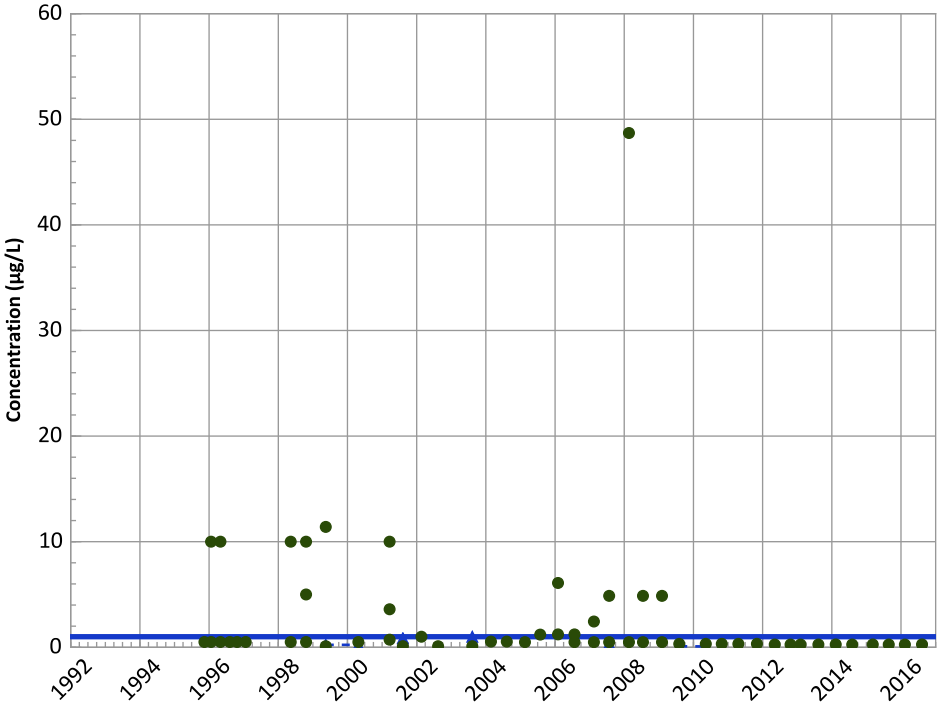
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1015 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

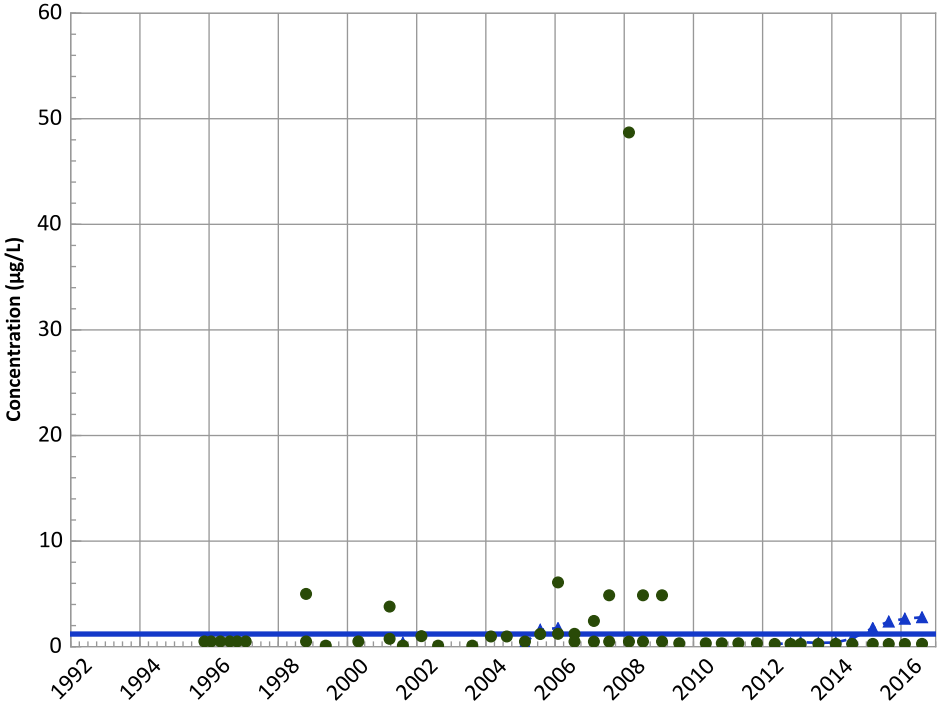


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

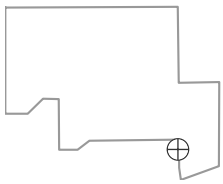
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/13/1995 to 08/10/2016
Analysis Date: 03/07/2017

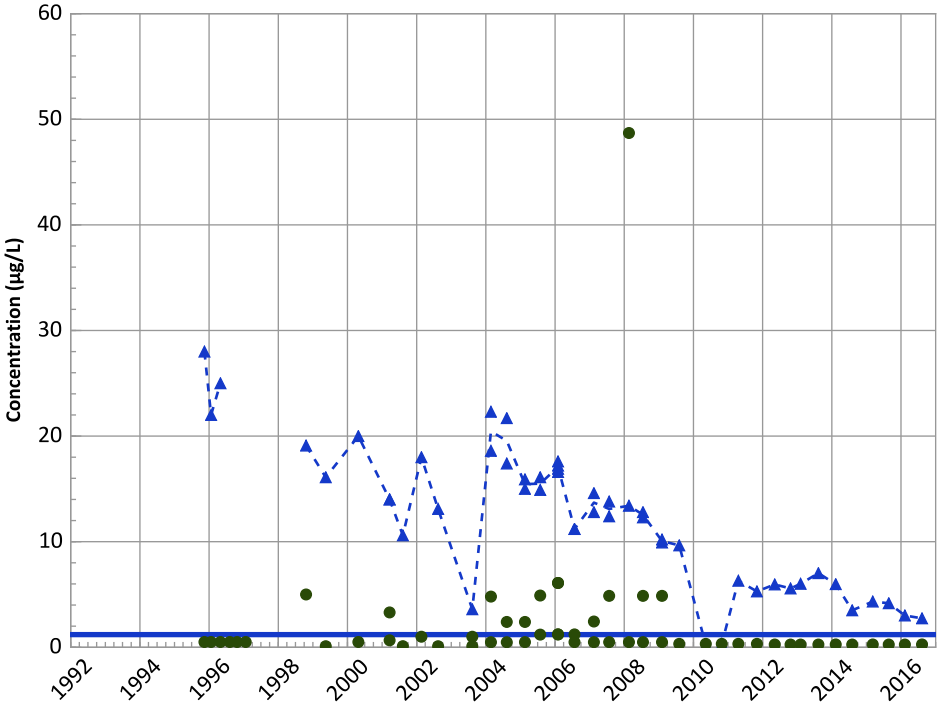
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1015 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

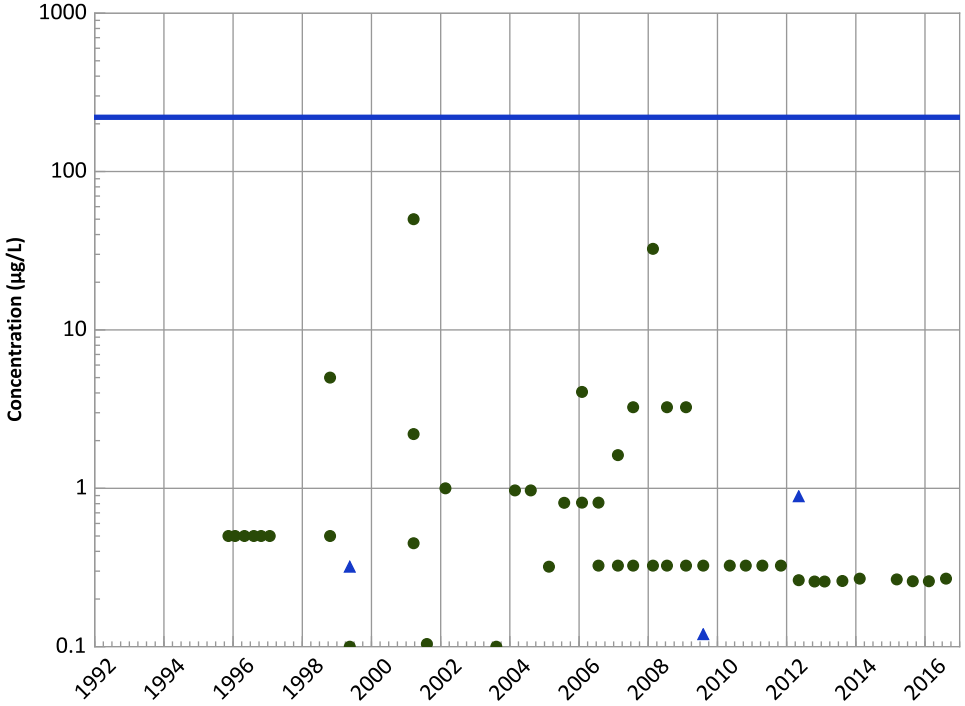


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

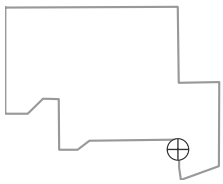
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/13/1995 to 08/10/2016
Analysis Date: 03/07/2017

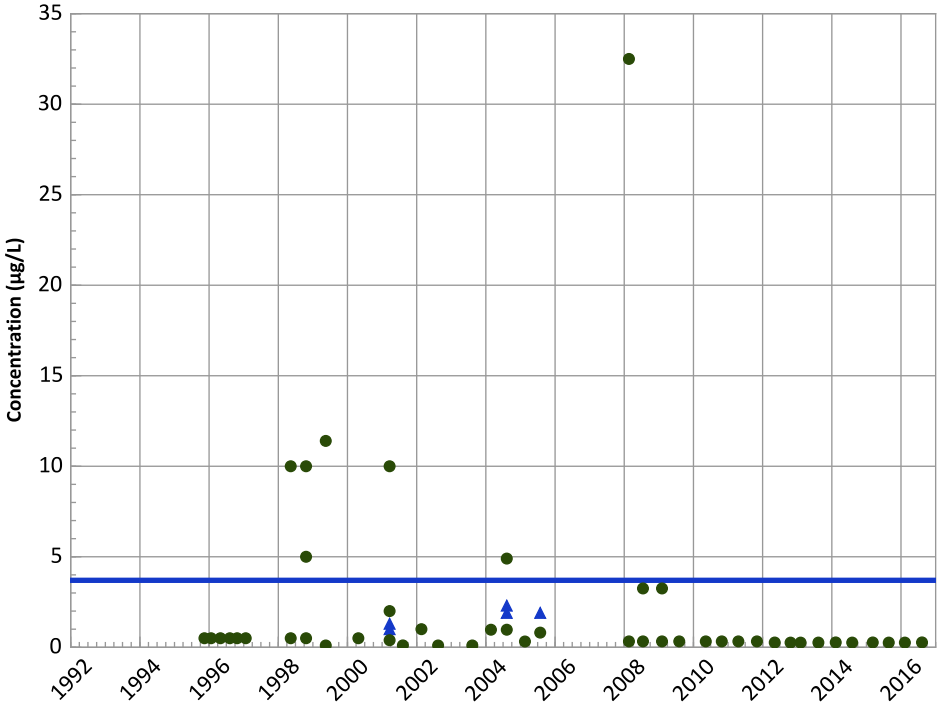
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1015 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

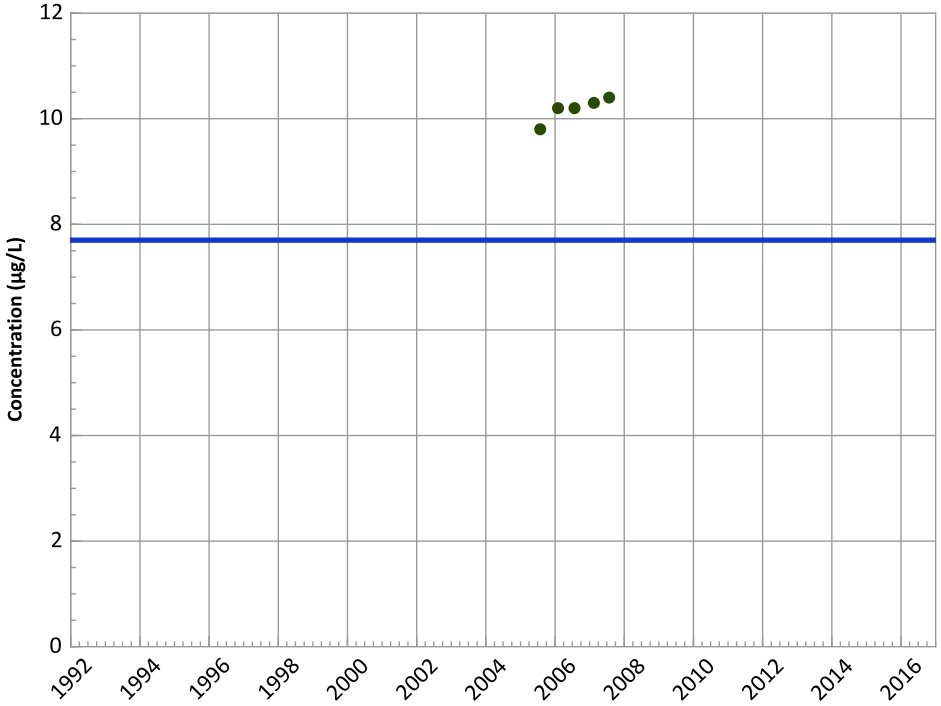


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

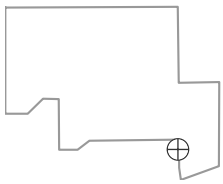
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/13/1995 to 08/10/2016
Analysis Date: 03/07/2017

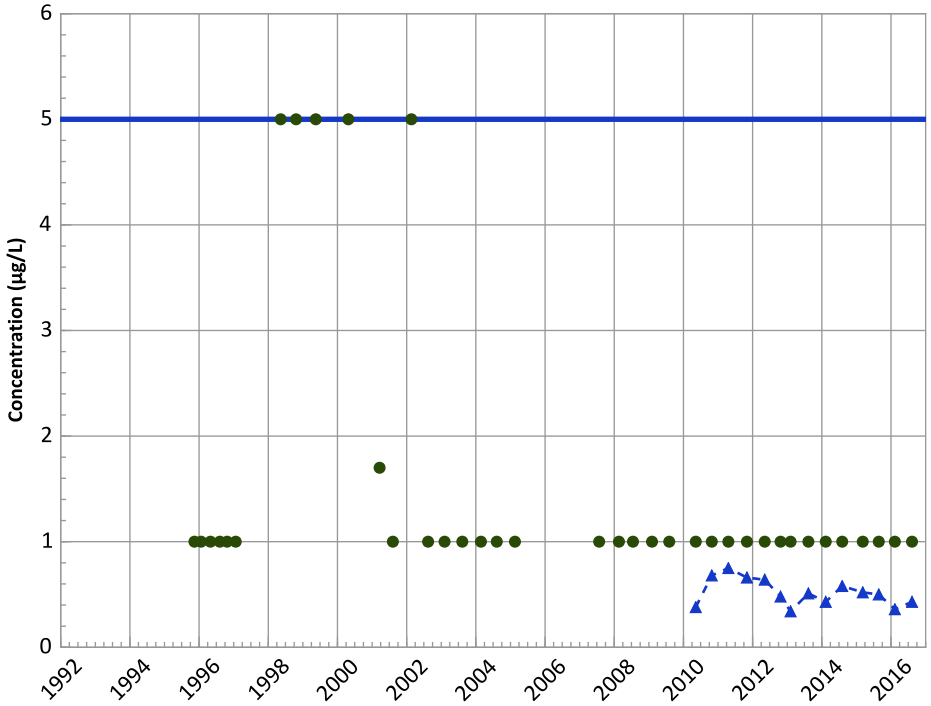
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1015 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

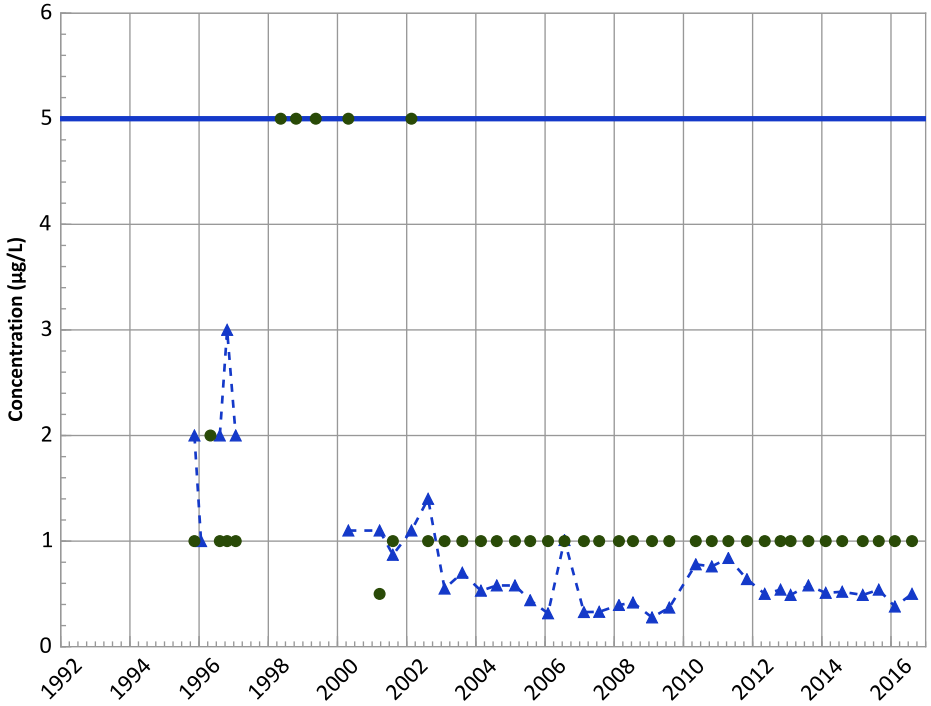


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

Trichloroethene Trend



Concentration Trend

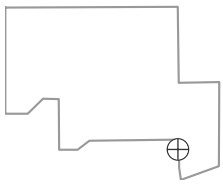
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/13/1995 to 08/10/2016
Analysis Date: 03/07/2017

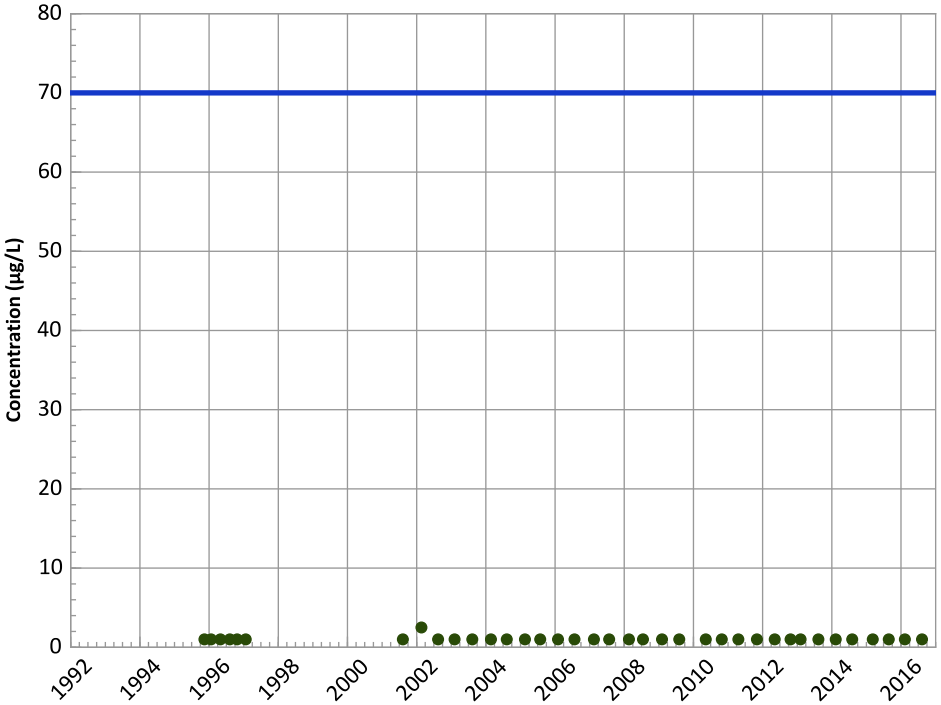
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1015 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

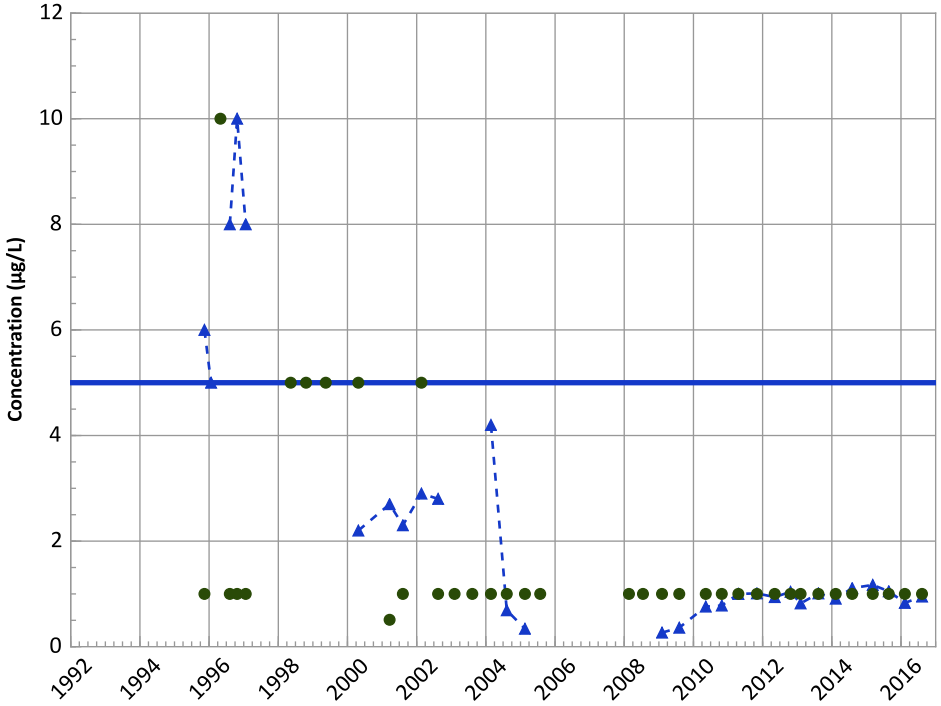


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

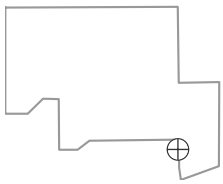
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/13/1995 to 08/10/2016
Analysis Date: 03/07/2017

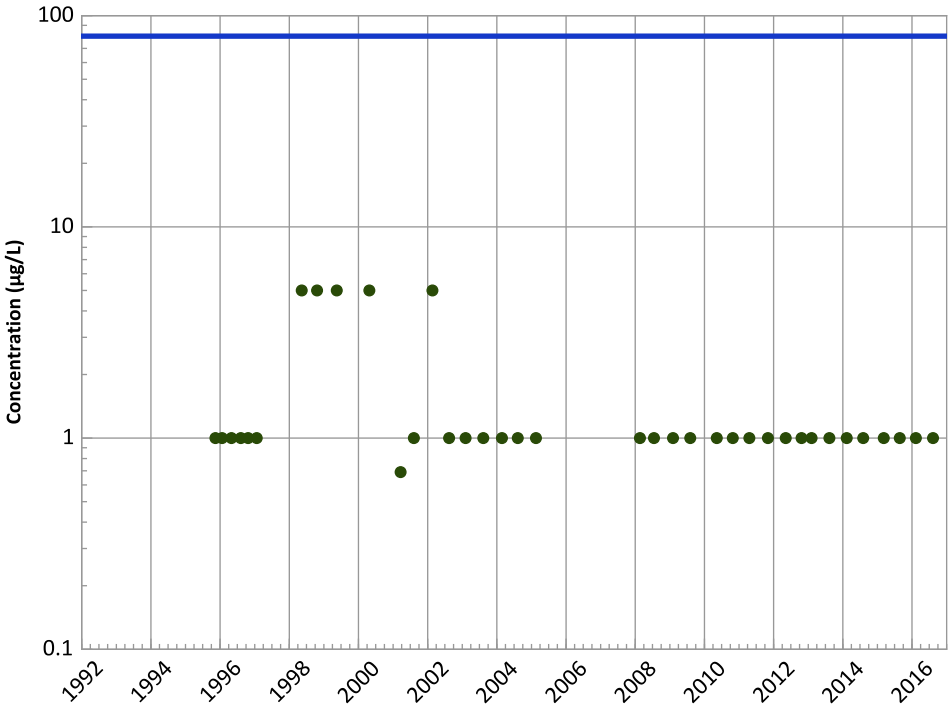
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1015 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

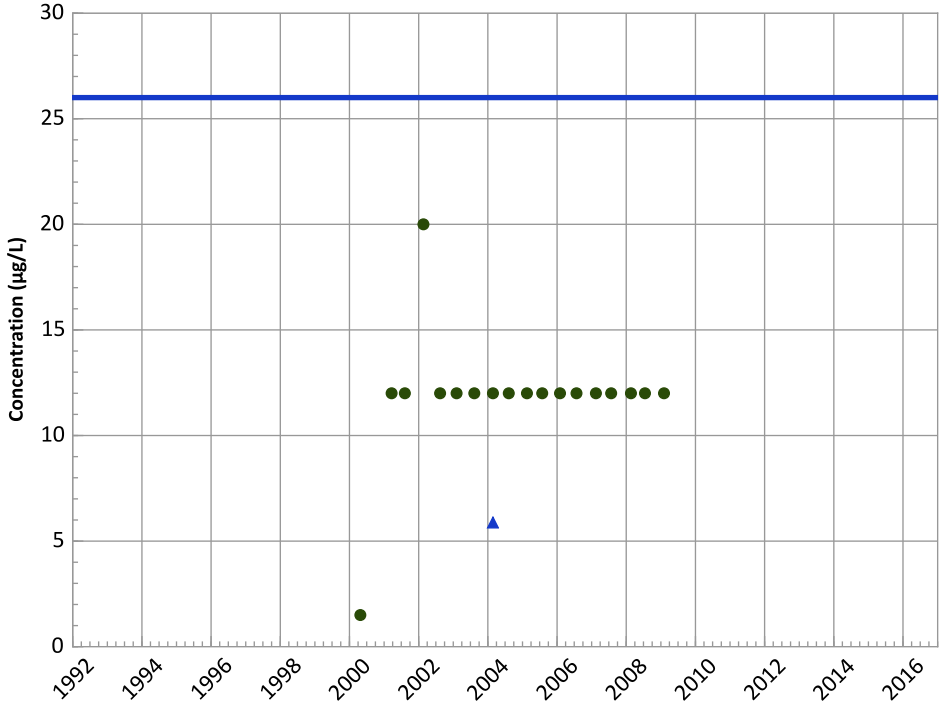


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

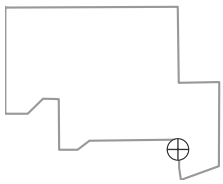
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/13/1995 to 08/10/2016
Analysis Date: 03/07/2017

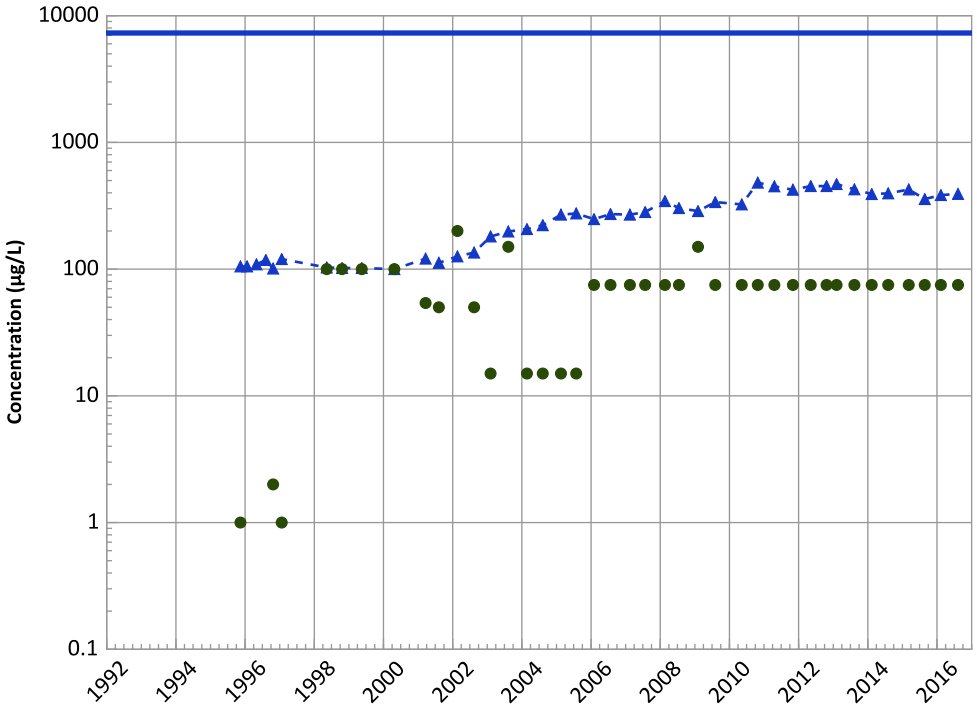
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1015 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

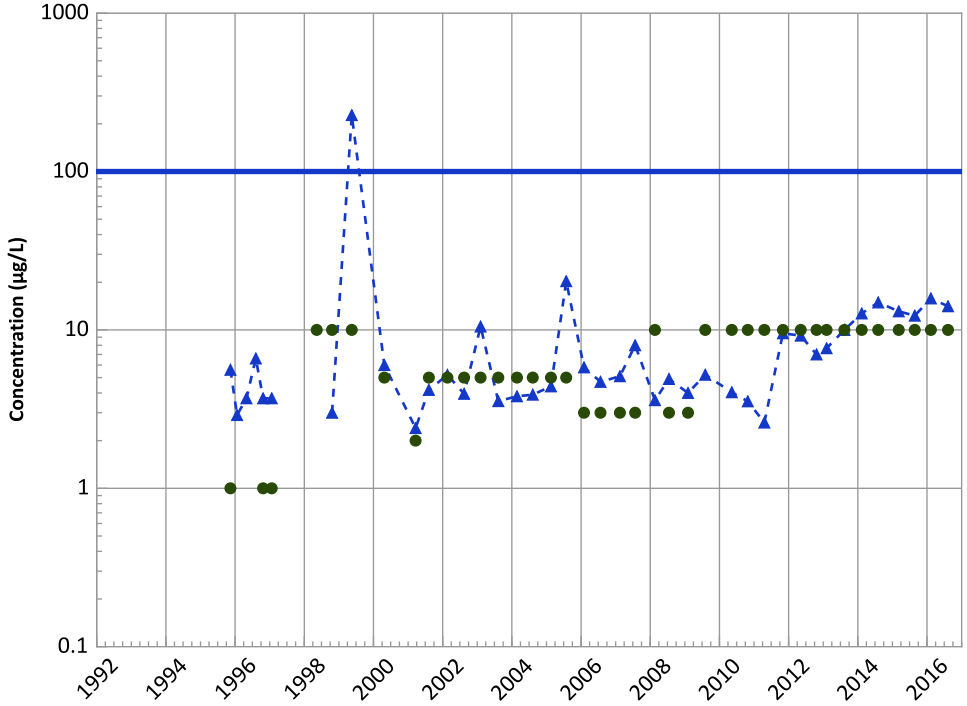


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Chromium, Total Trend



Concentration Trend

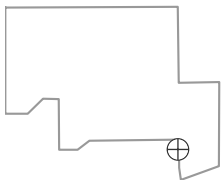
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/13/1995 to 08/10/2016
Analysis Date: 03/07/2017

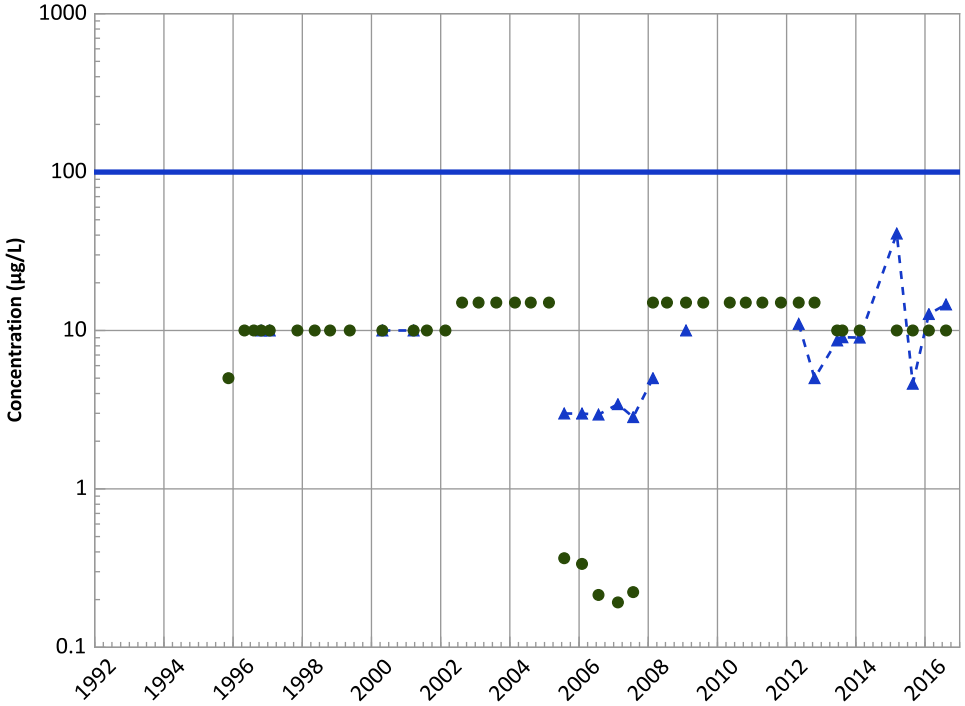
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1015 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

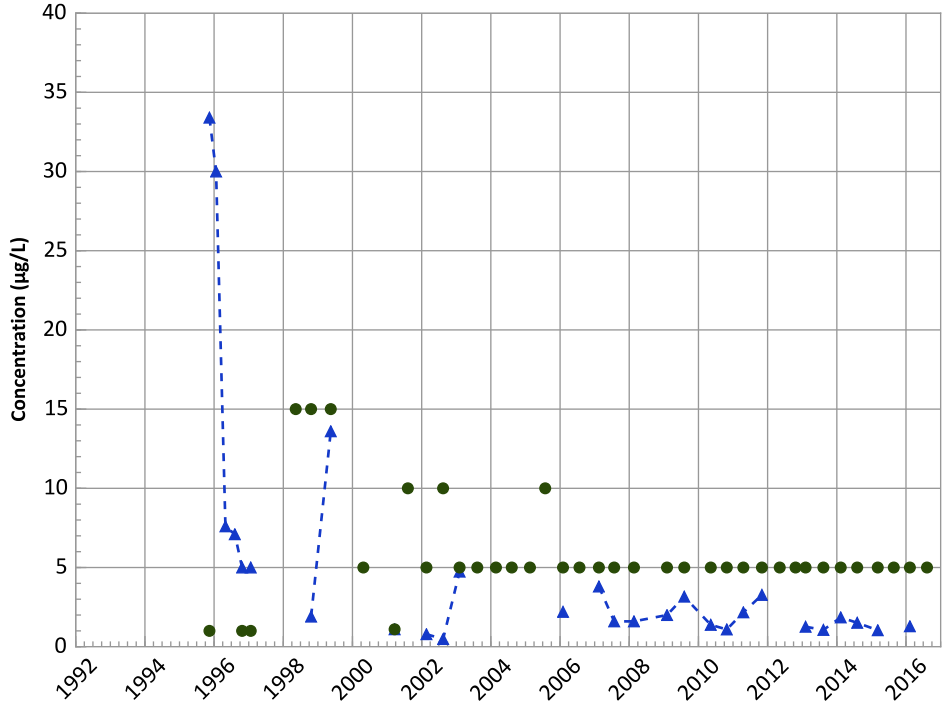


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Manganese Trend



Concentration Trend

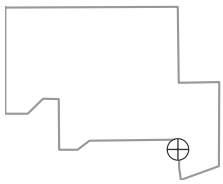
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/13/1995 to 08/10/2016
Analysis Date: 03/07/2017

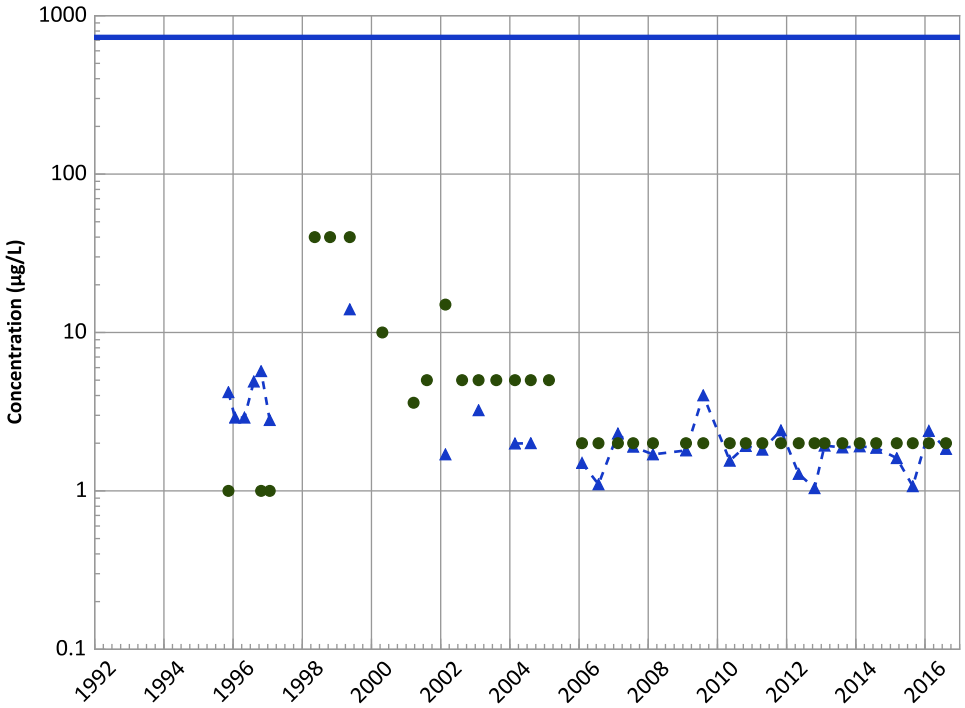
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1015 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

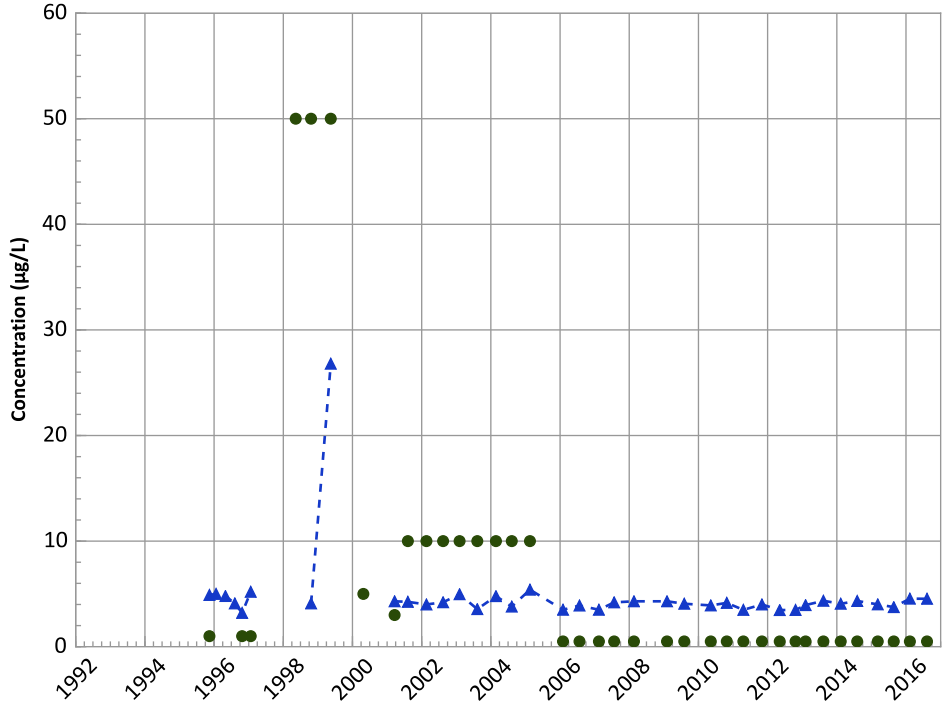


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Molybdenum Trend



Concentration Trend

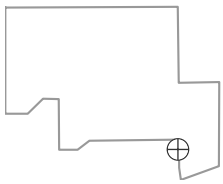
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/13/1995 to 08/10/2016
Analysis Date: 03/07/2017

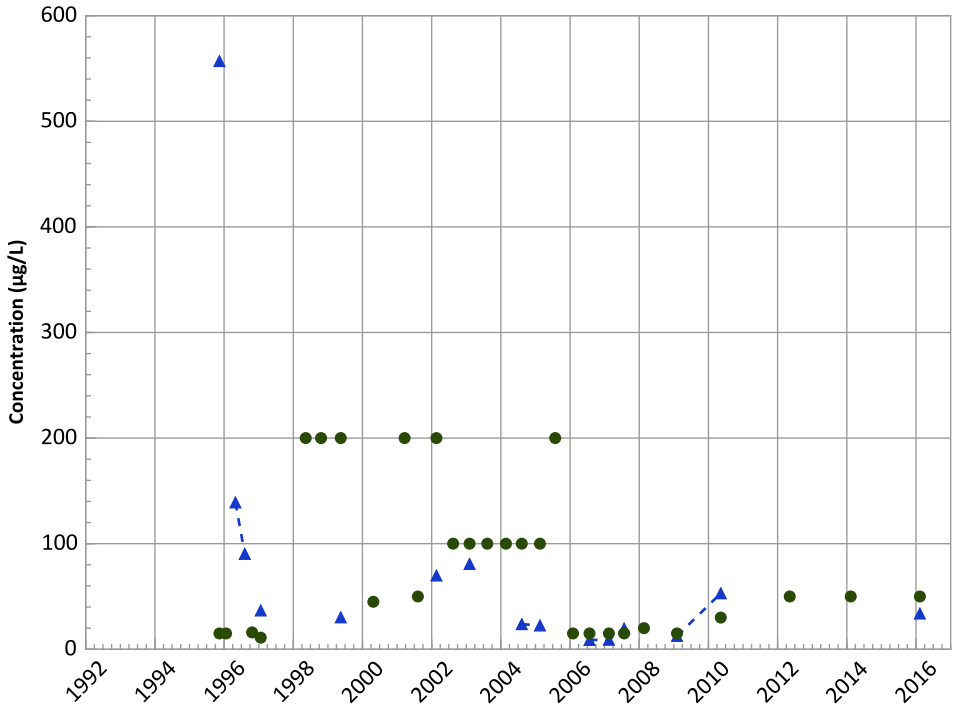
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1015 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

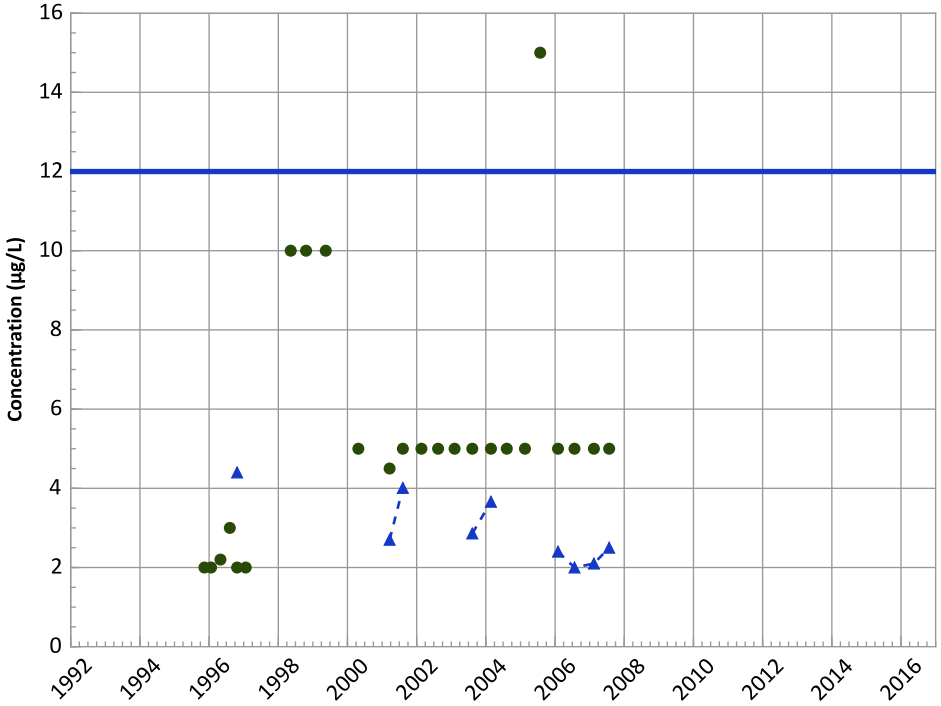


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Arsenic Trend



Concentration Trend

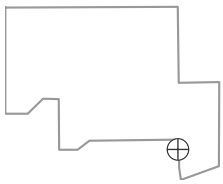
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/13/1995 to 08/10/2016
Analysis Date: 03/07/2017

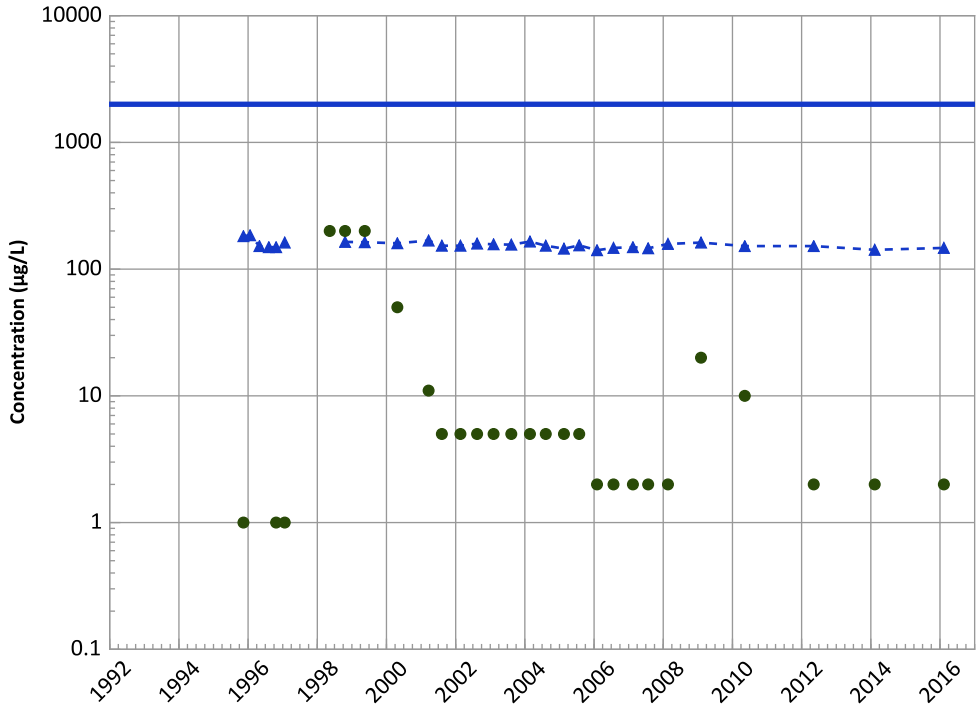
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1015 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

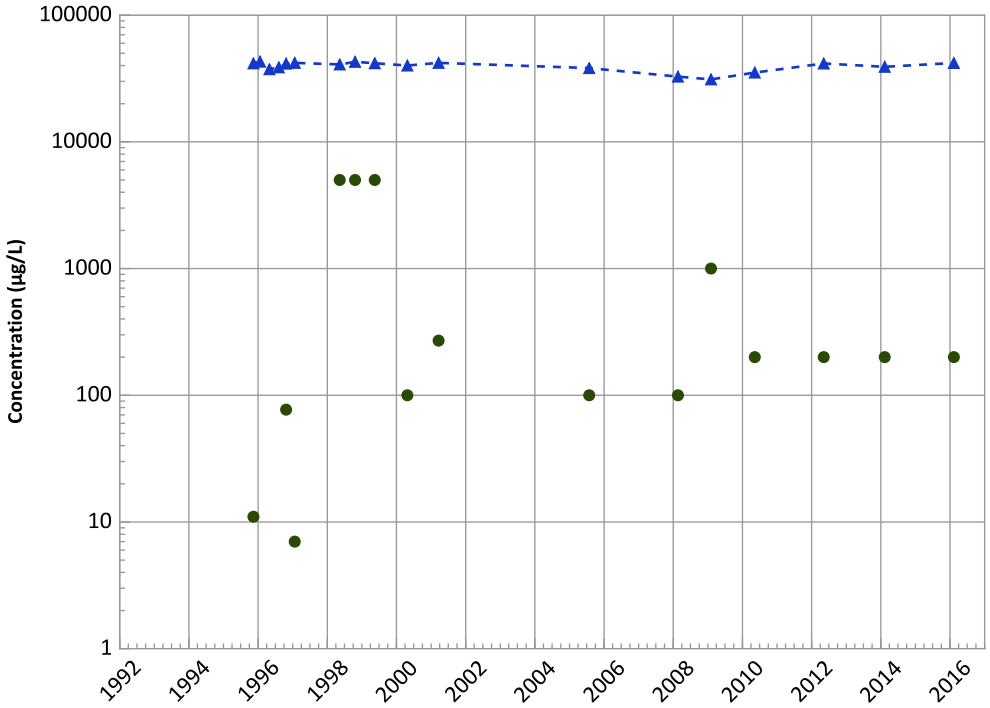


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Calcium Trend



Concentration Trend

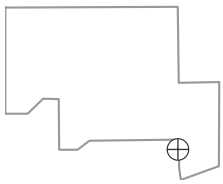
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/13/1995 to 08/10/2016
Analysis Date: 03/07/2017

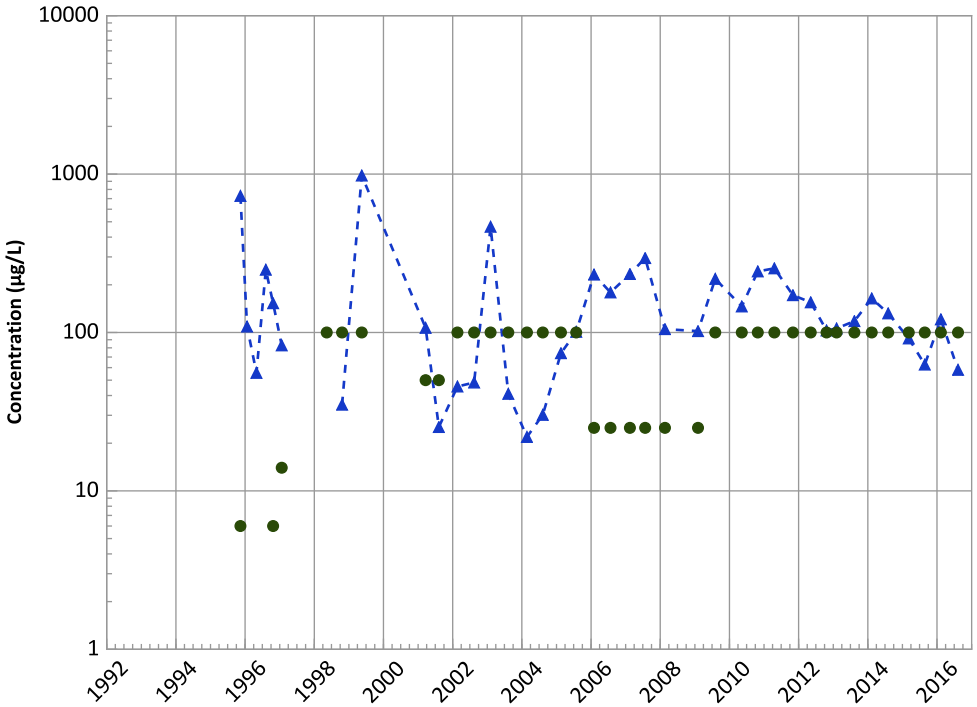
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1015 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

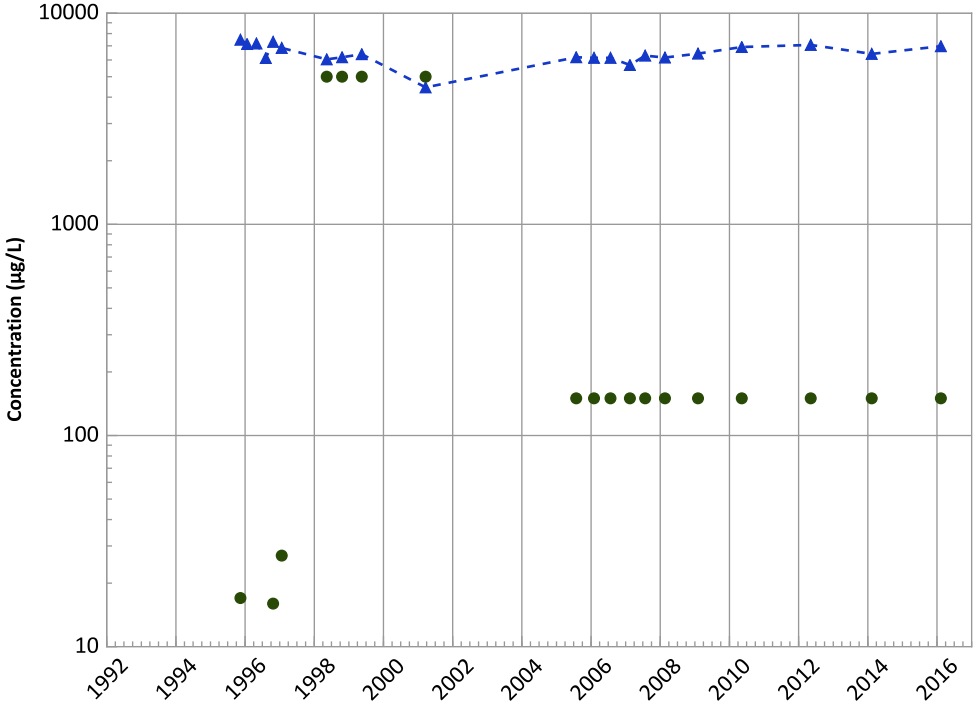


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Potassium Trend



Concentration Trend

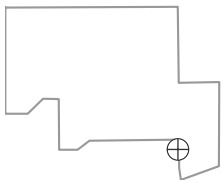
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/13/1995 to 08/10/2016
Analysis Date: 03/07/2017

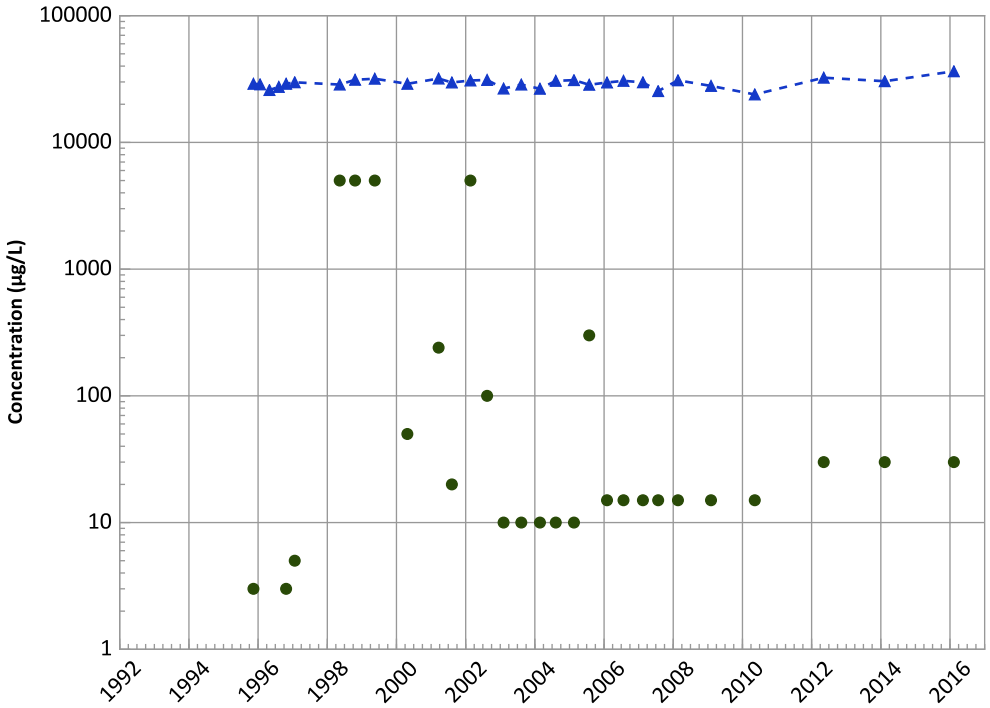
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1015 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

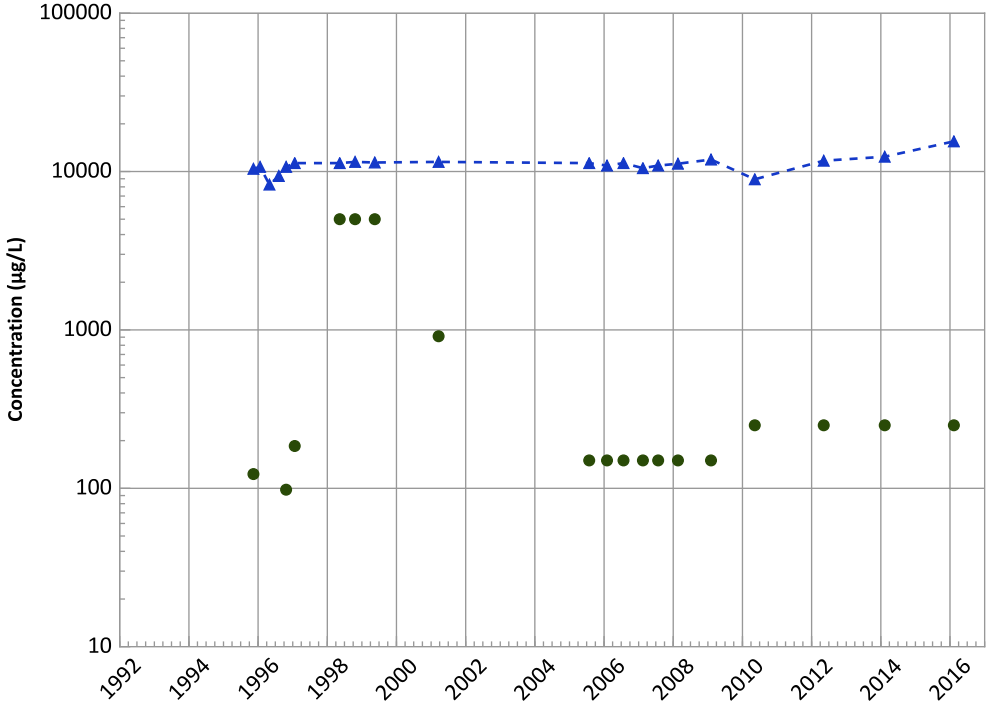


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

Sodium Trend



Concentration Trend

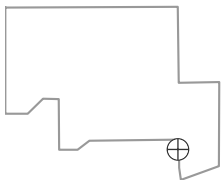
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

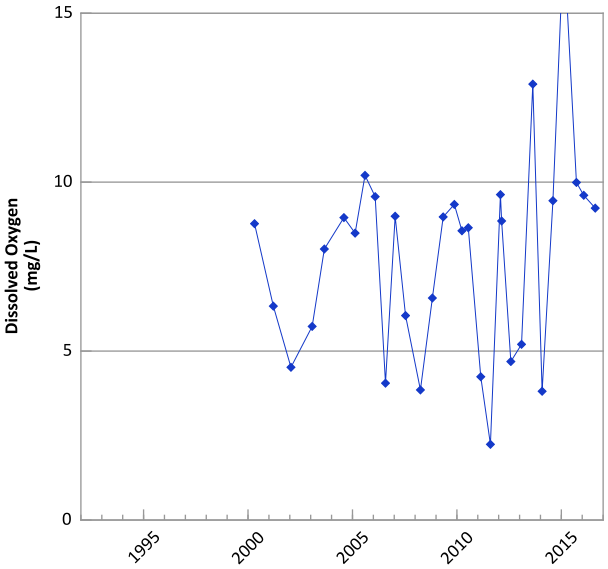
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/13/1995 to 08/10/2016
Analysis Date: 03/07/2017

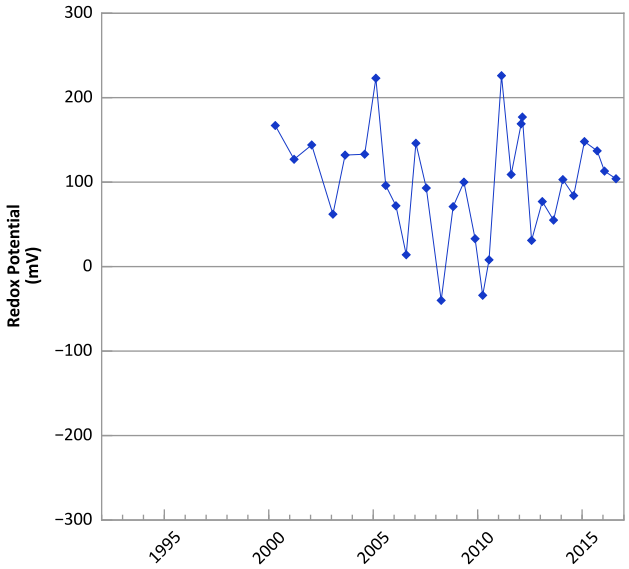
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

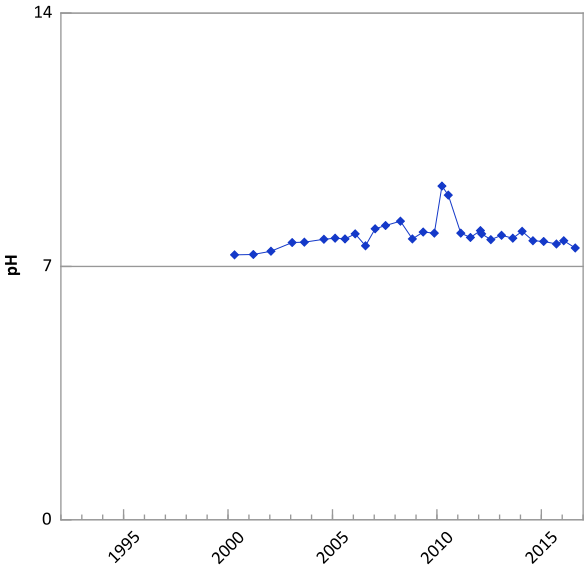
Well Location

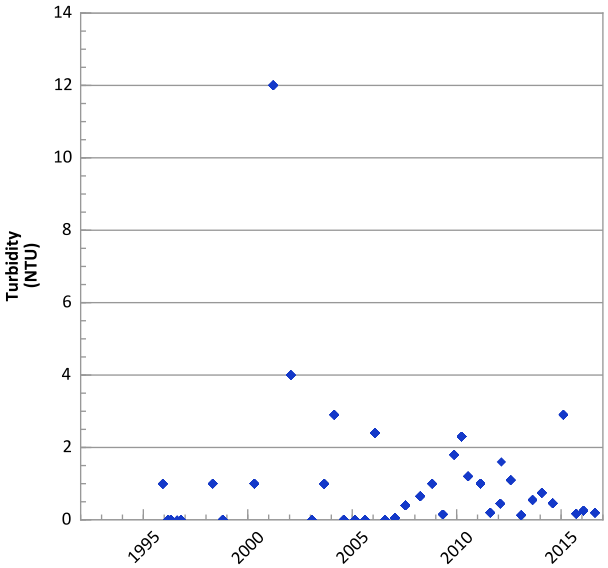


PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



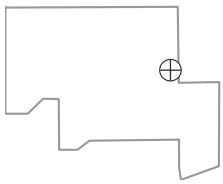






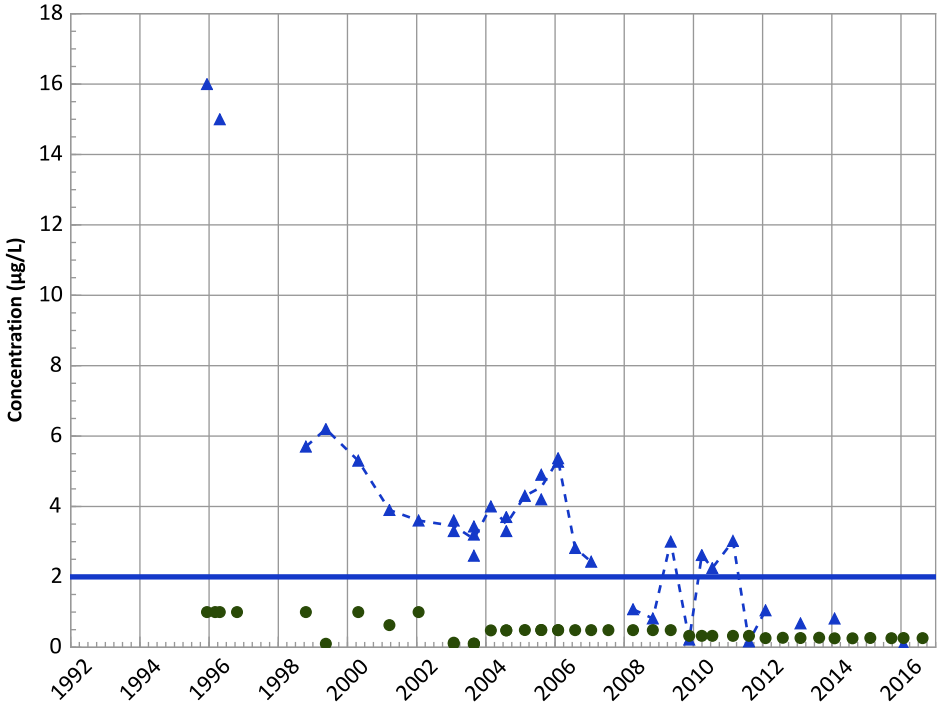
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/18/1995 to 08/16/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

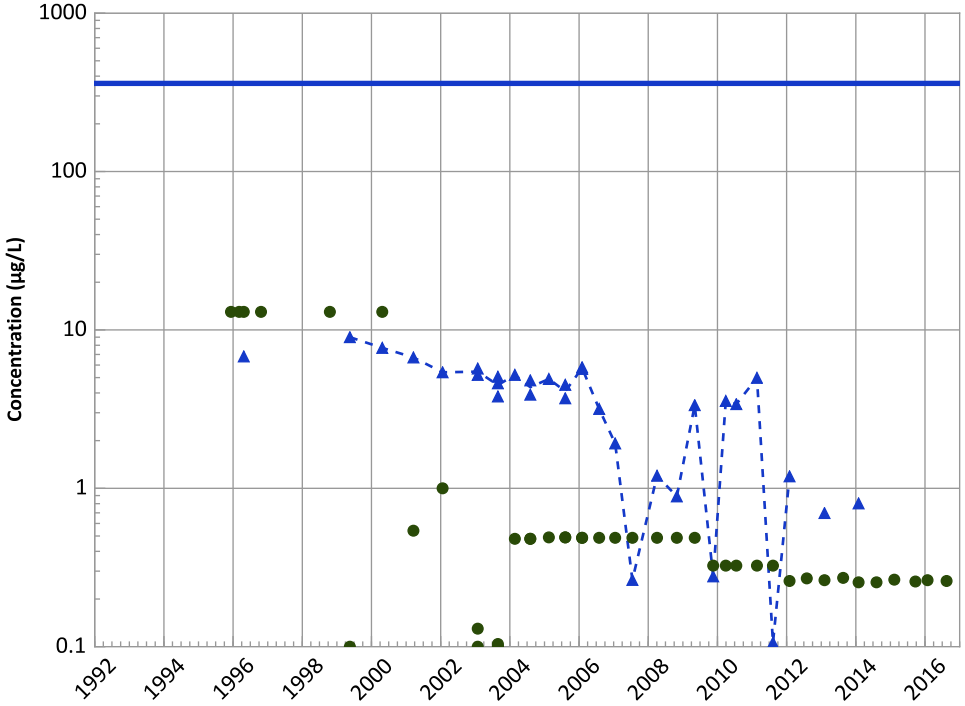


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

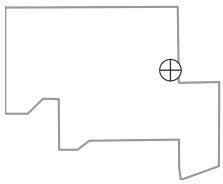
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/18/1995 to 08/16/2016
Analysis Date: 03/07/2017

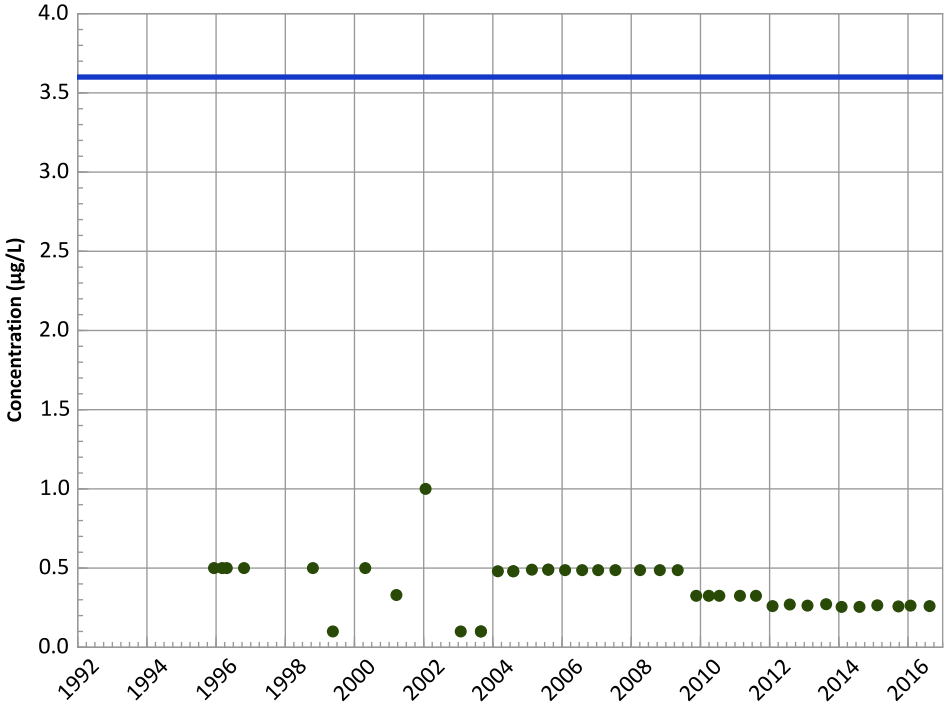
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

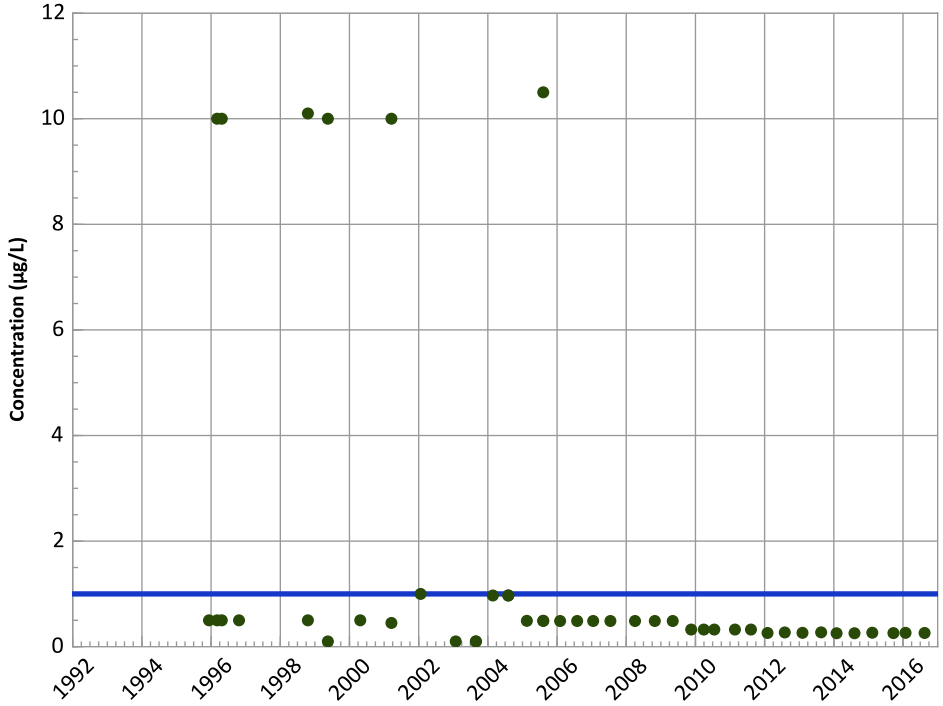


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

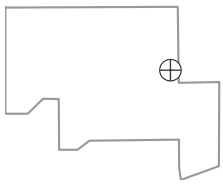
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/18/1995 to 08/16/2016
Analysis Date: 03/07/2017

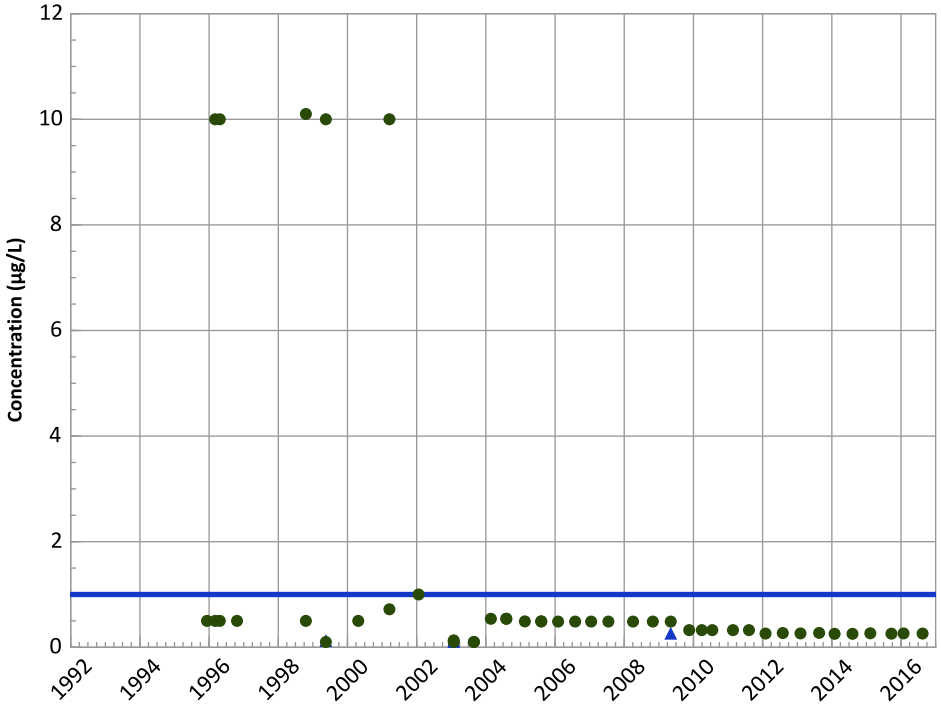
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

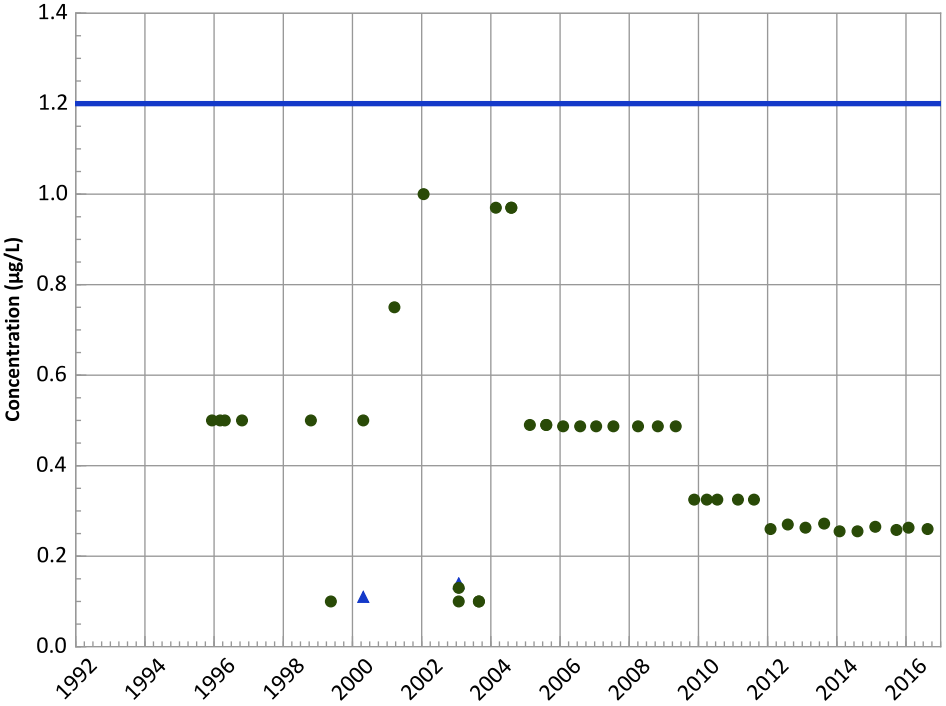


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

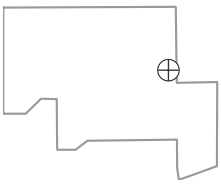
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/18/1995 to 08/16/2016
Analysis Date: 03/07/2017

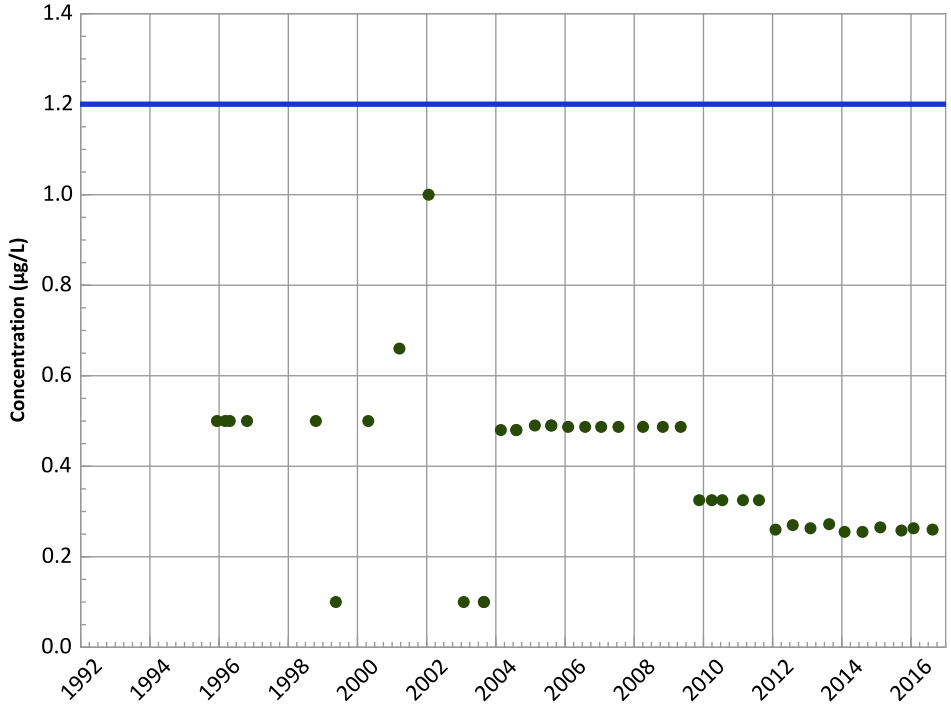
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

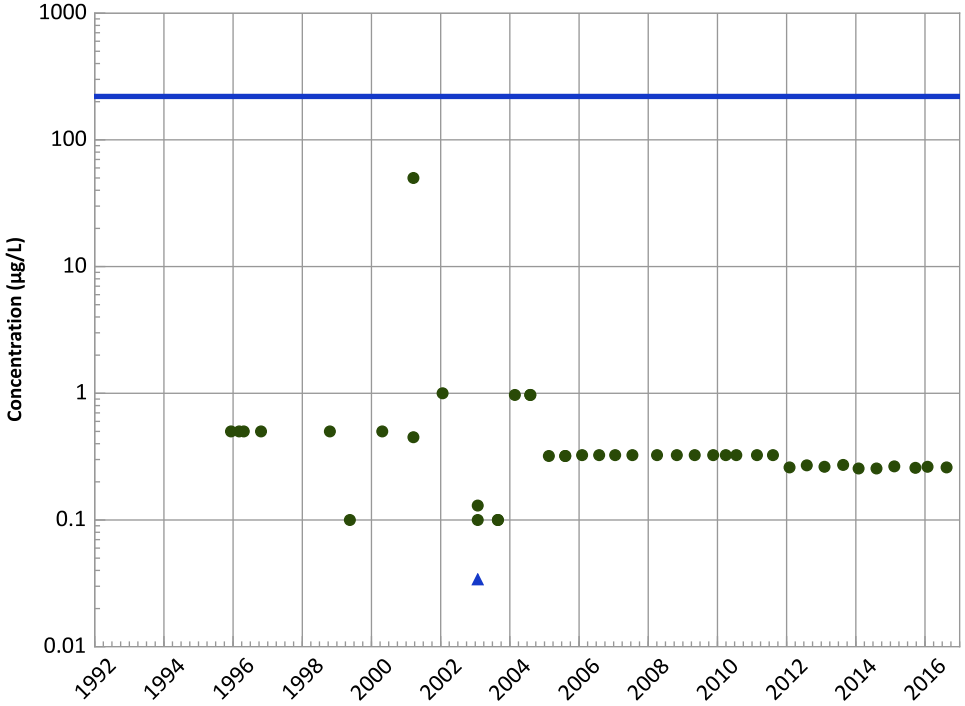


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

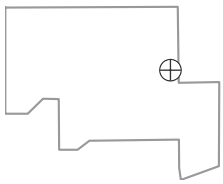
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/18/1995 to 08/16/2016
Analysis Date: 03/07/2017

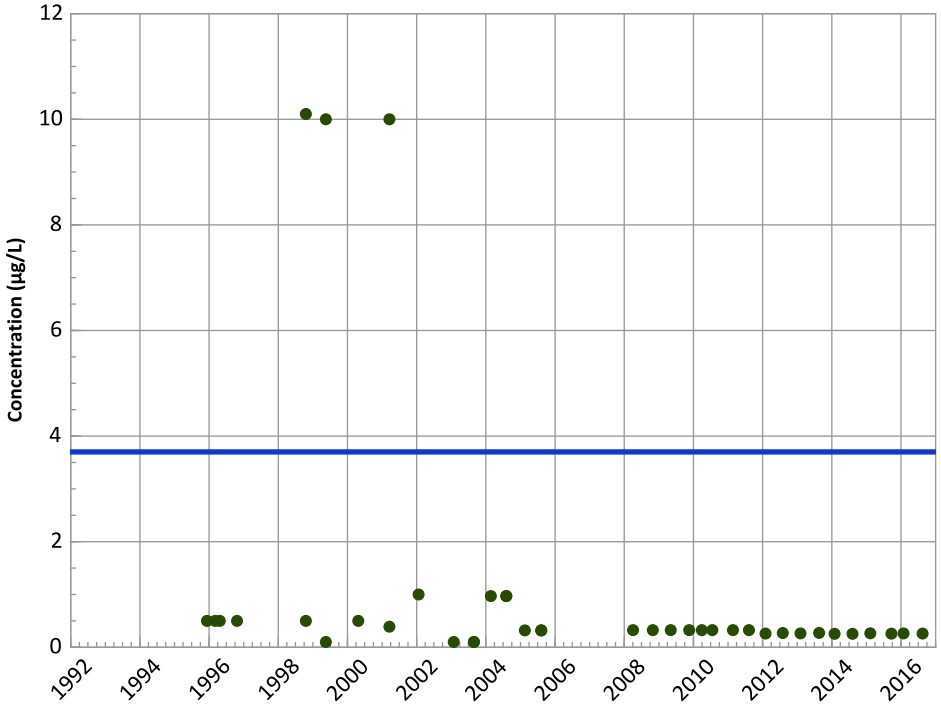
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

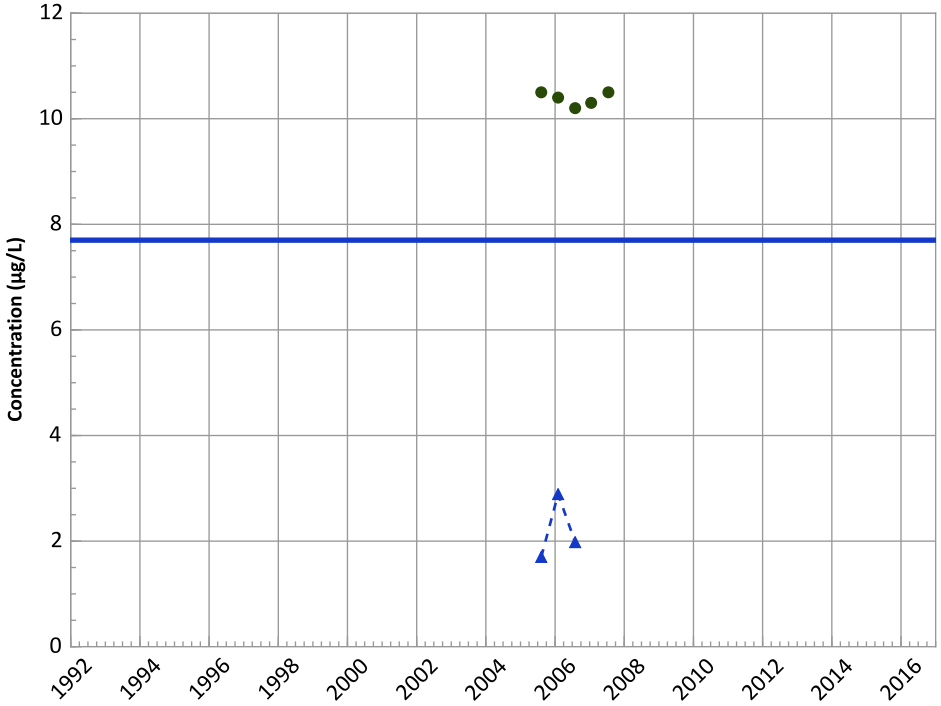


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

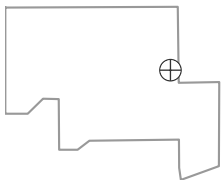
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/18/1995 to 08/16/2016
Analysis Date: 03/07/2017

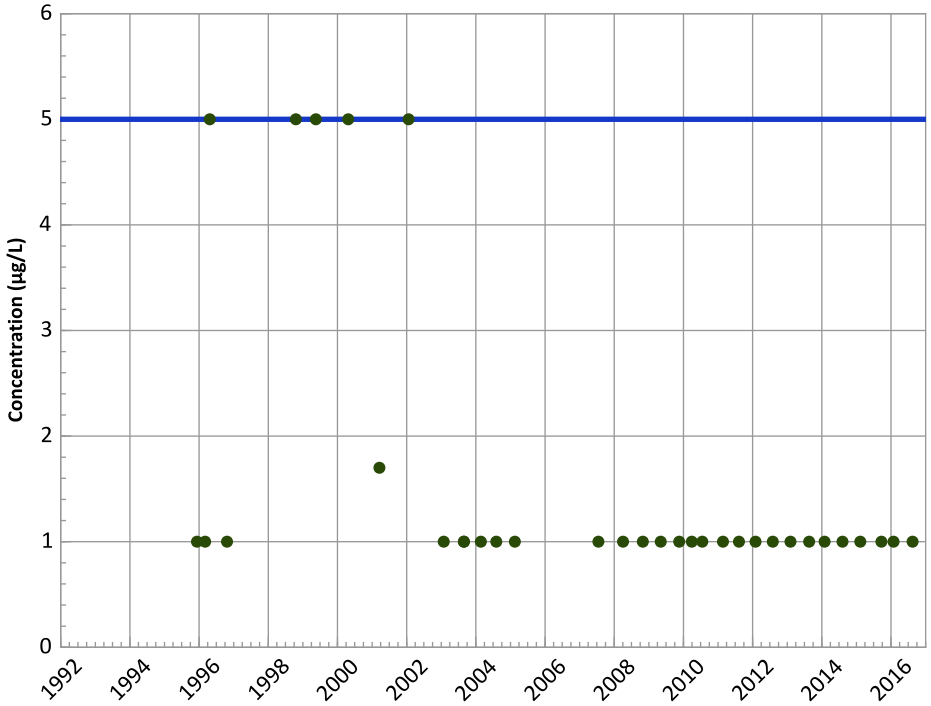
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

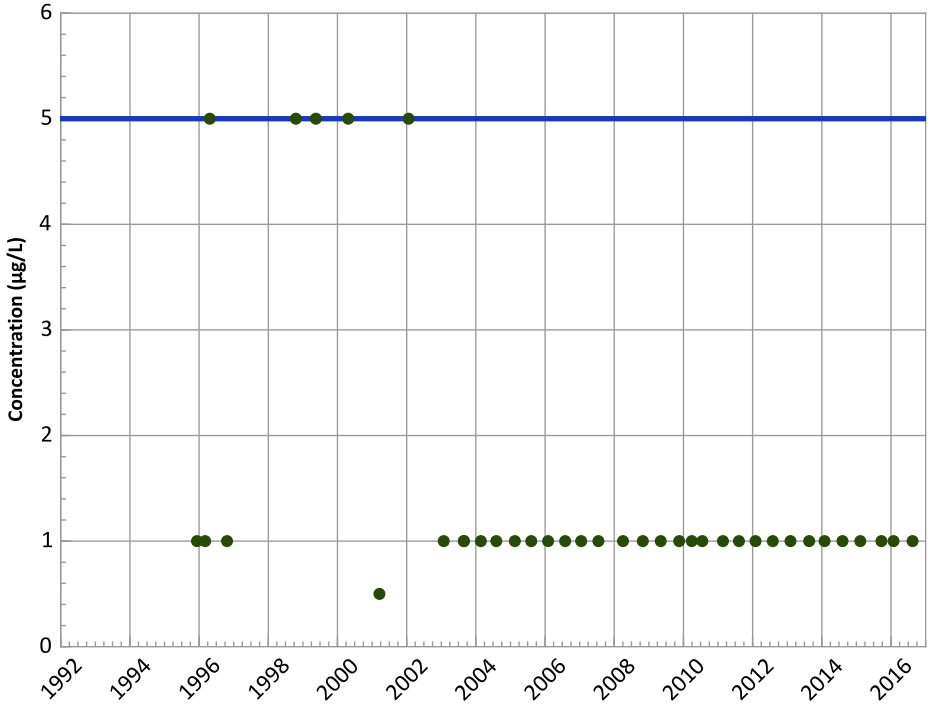


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

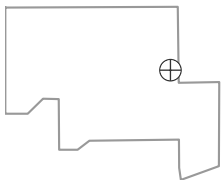
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/18/1995 to 08/16/2016
Analysis Date: 03/07/2017

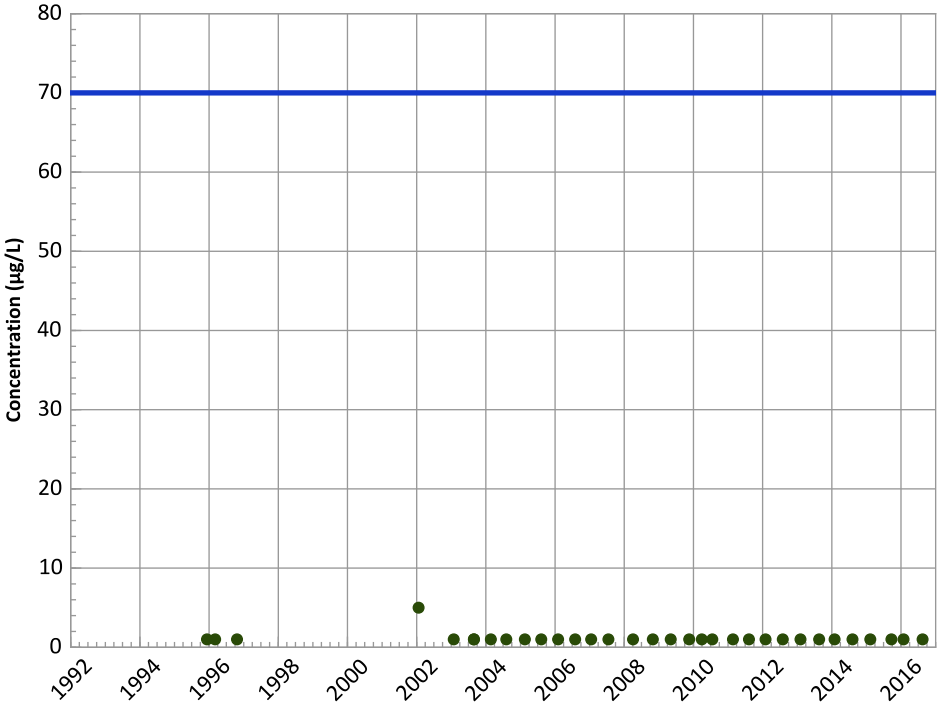
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

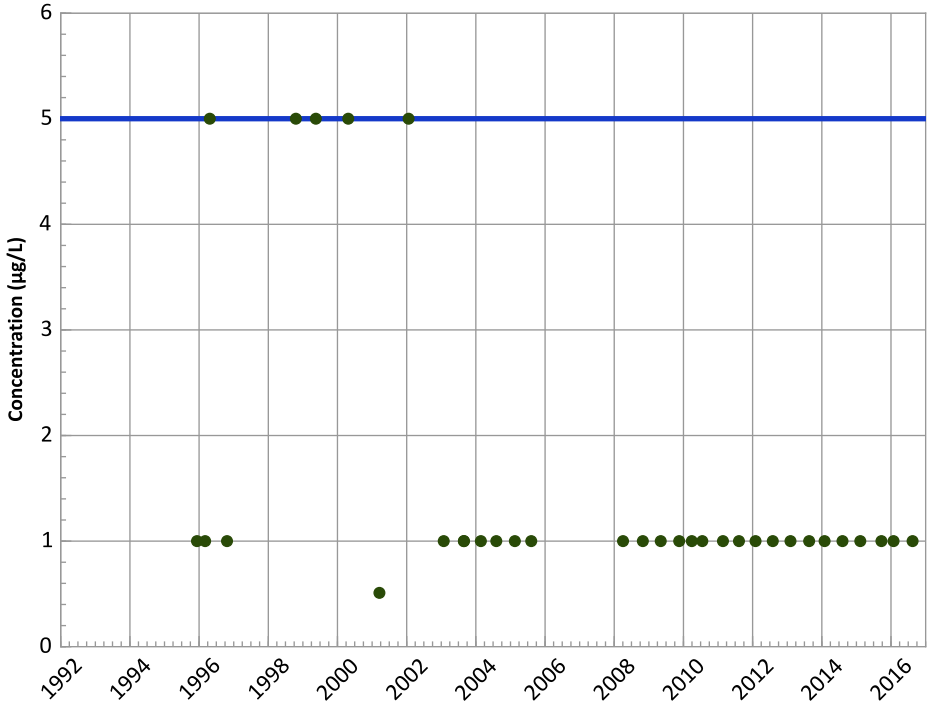


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

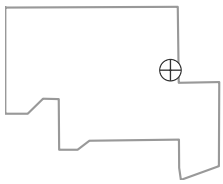
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/18/1995 to 08/16/2016
Analysis Date: 03/07/2017

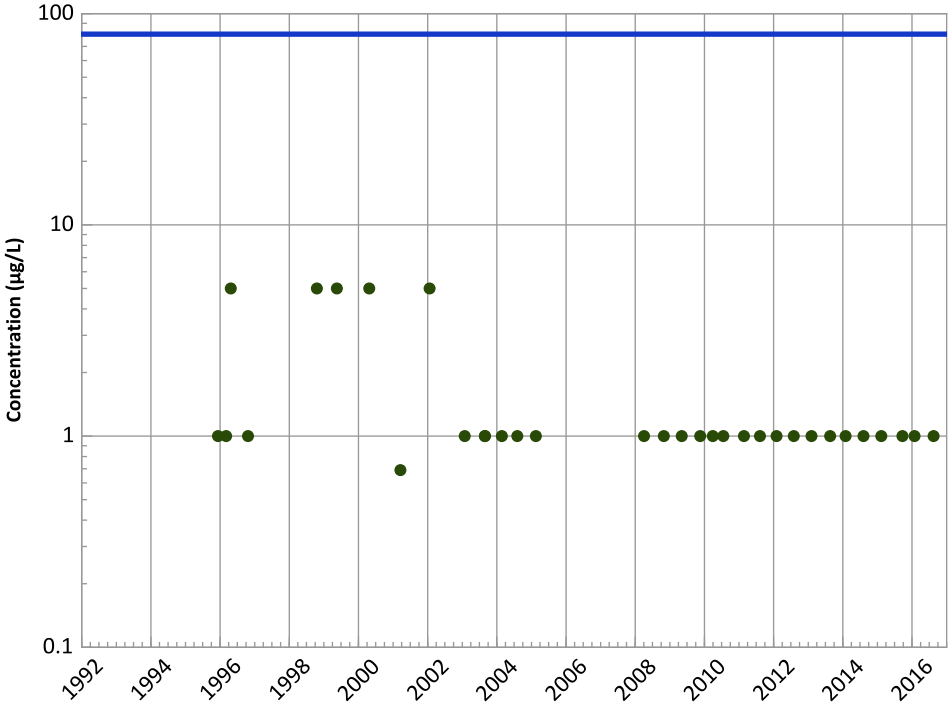
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

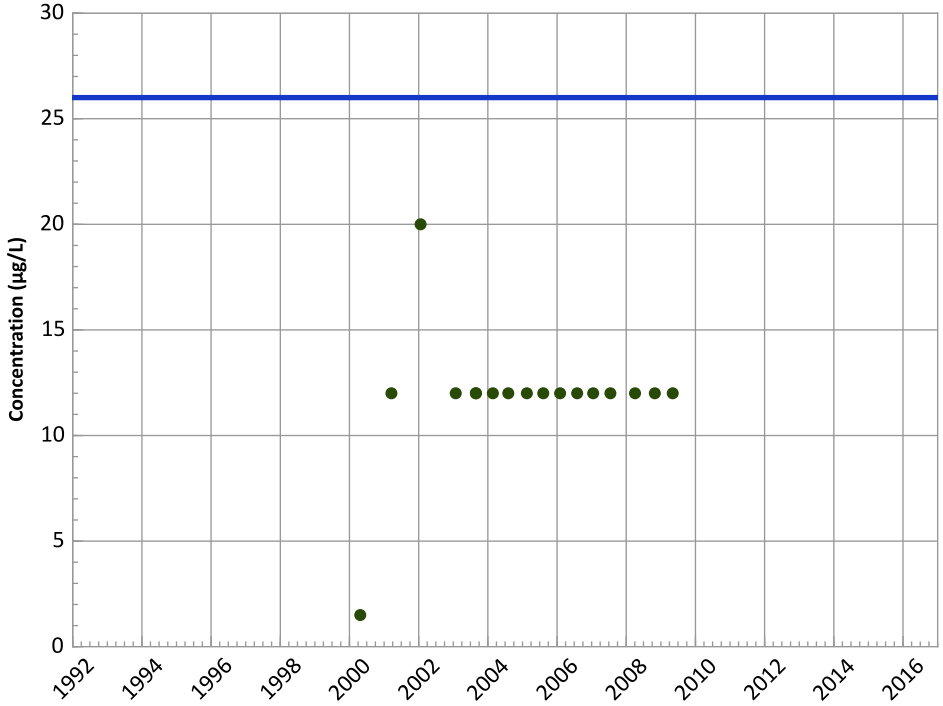


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

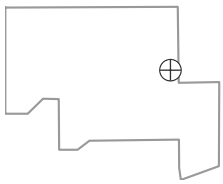
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/18/1995 to 08/16/2016
Analysis Date: 03/07/2017

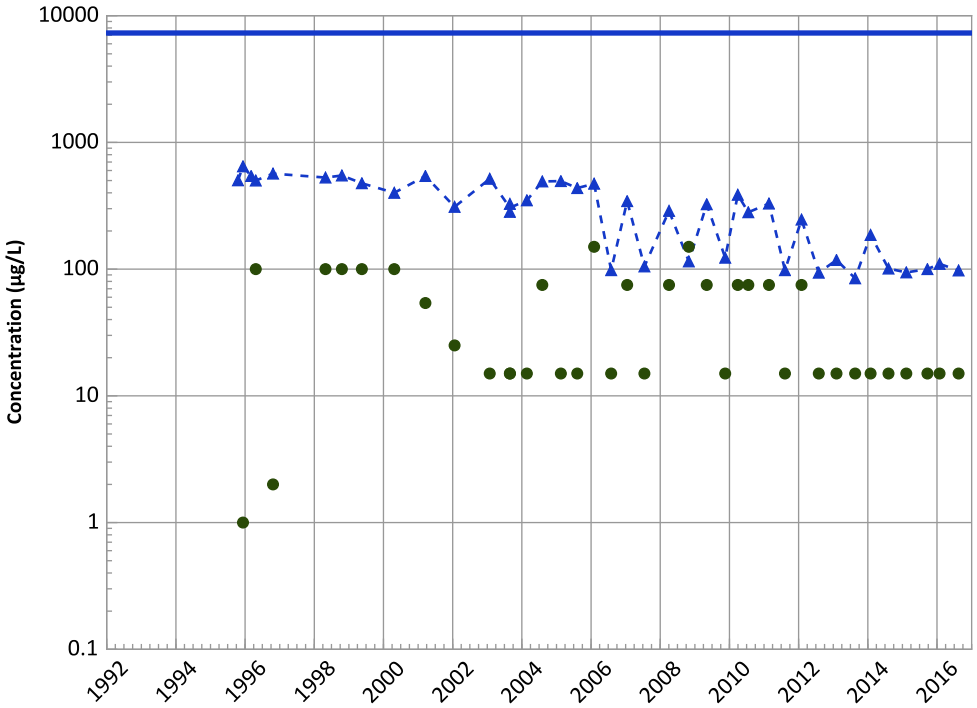
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

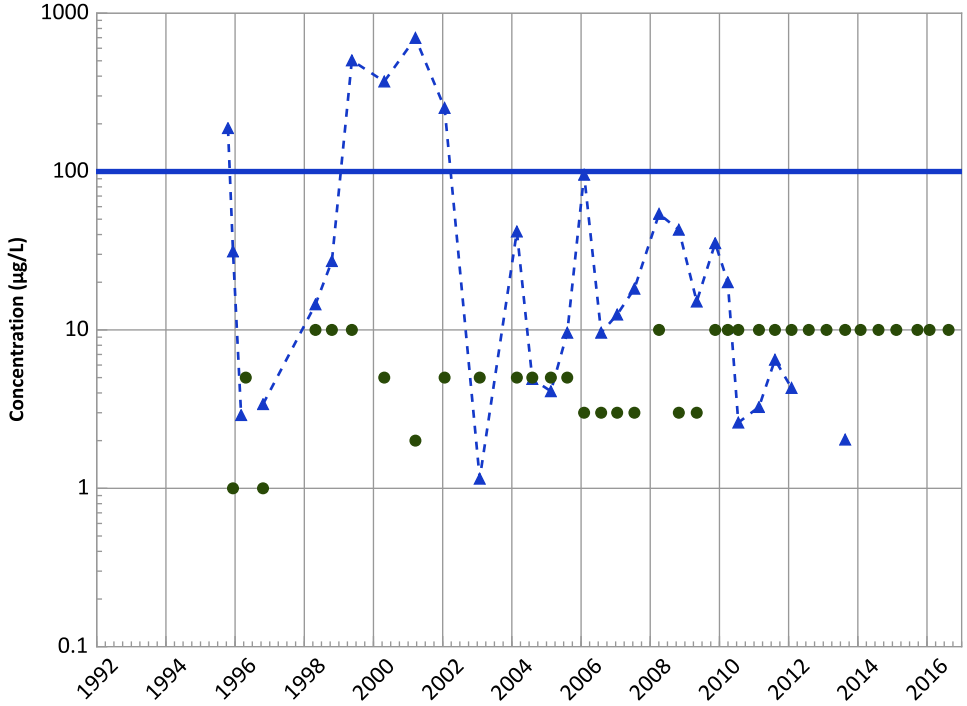


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

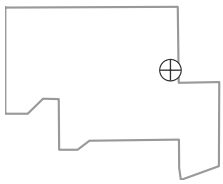
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/18/1995 to 08/16/2016
Analysis Date: 03/07/2017

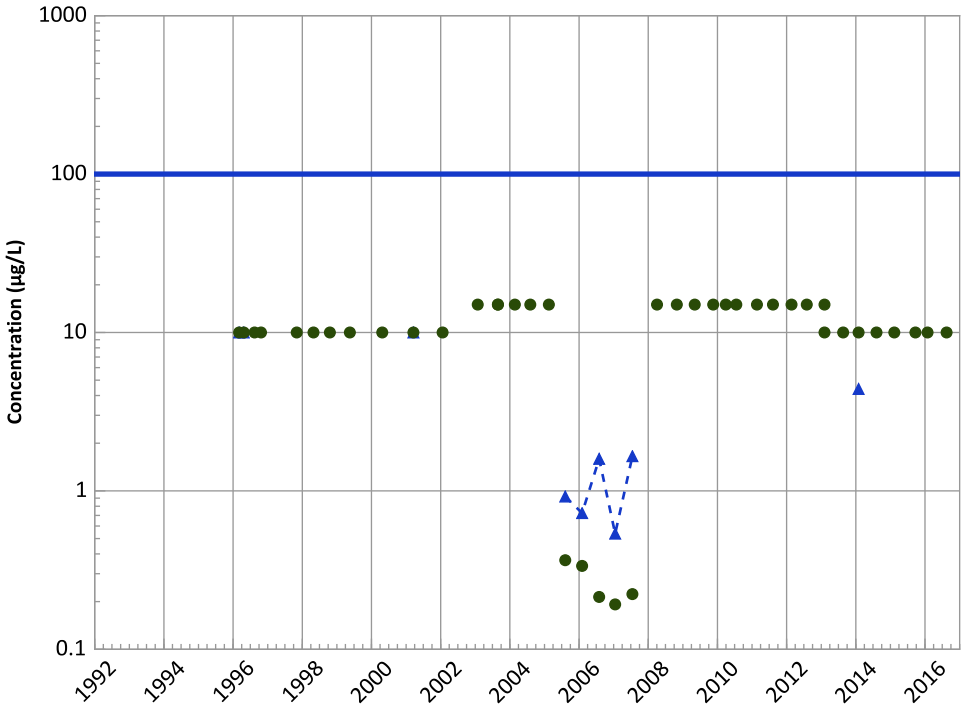
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

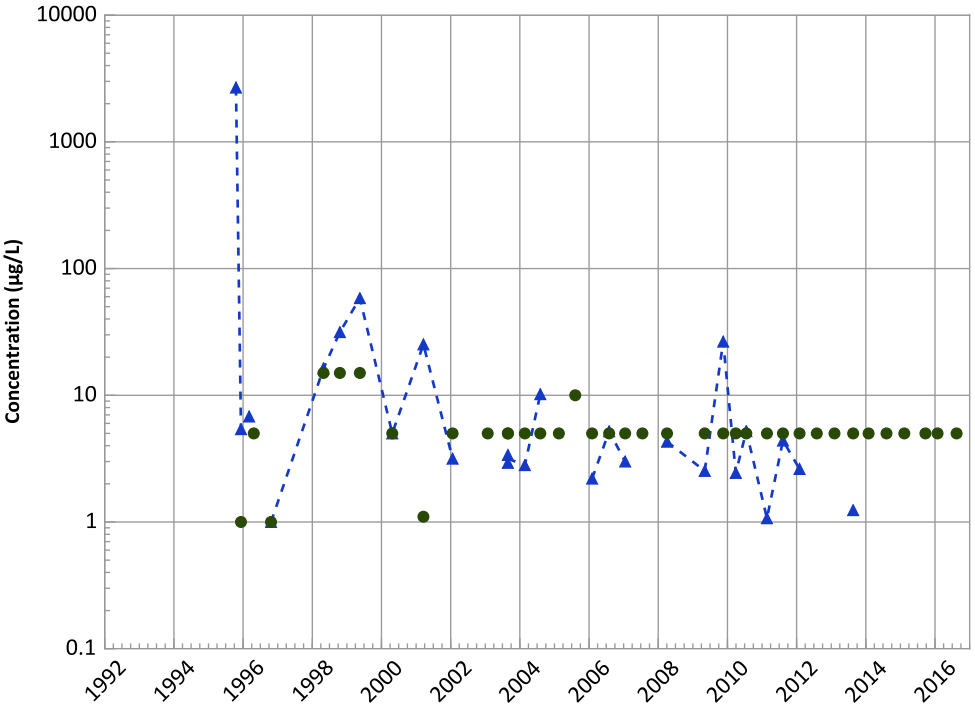


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

Manganese Trend



Concentration Trend

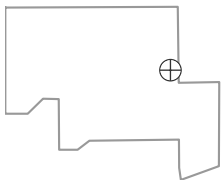
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/18/1995 to 08/16/2016
Analysis Date: 03/07/2017

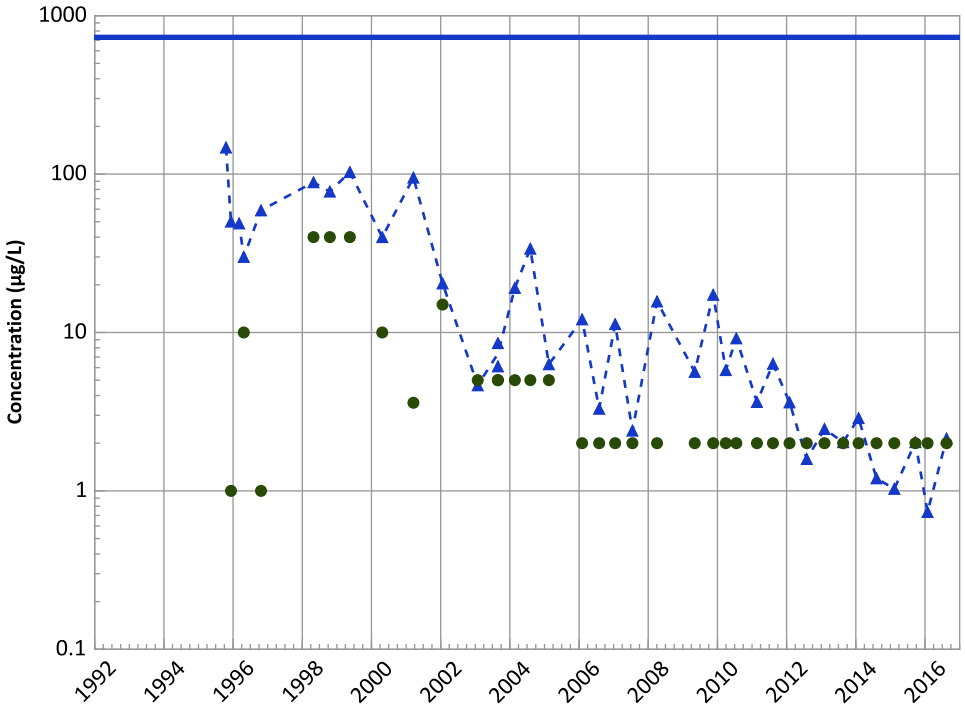
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

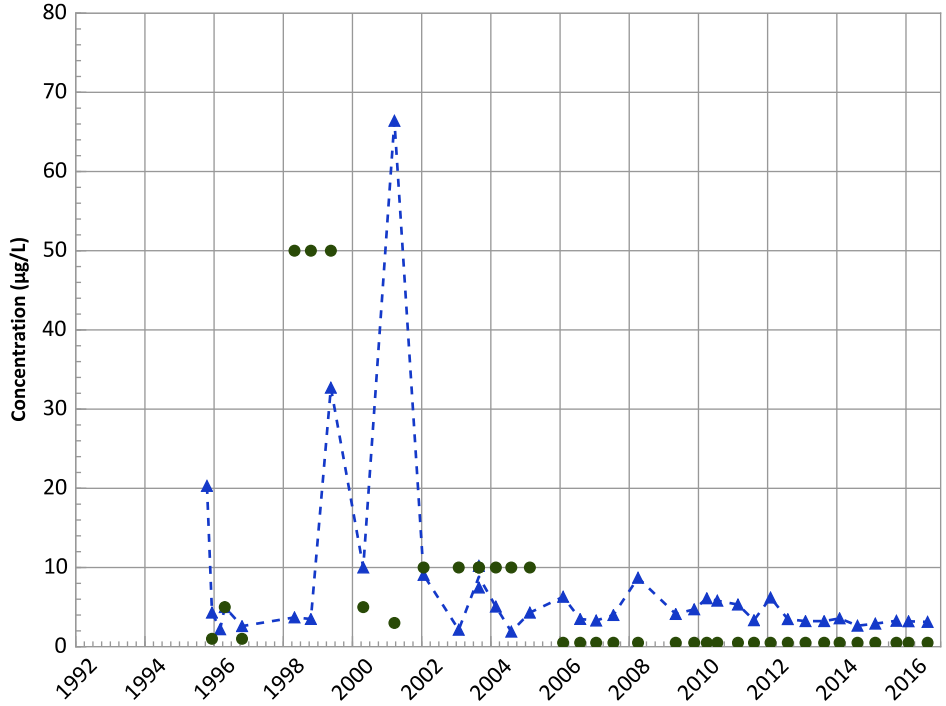


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Molybdenum Trend



Concentration Trend

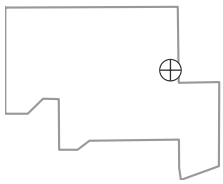
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/18/1995 to 08/16/2016
Analysis Date: 03/07/2017

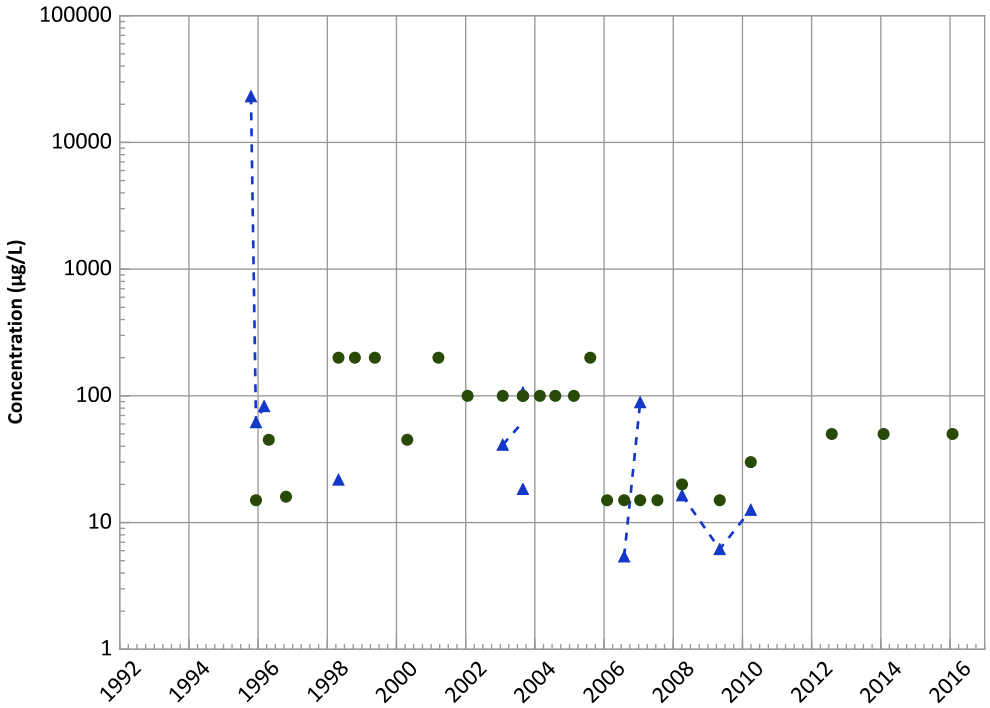
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

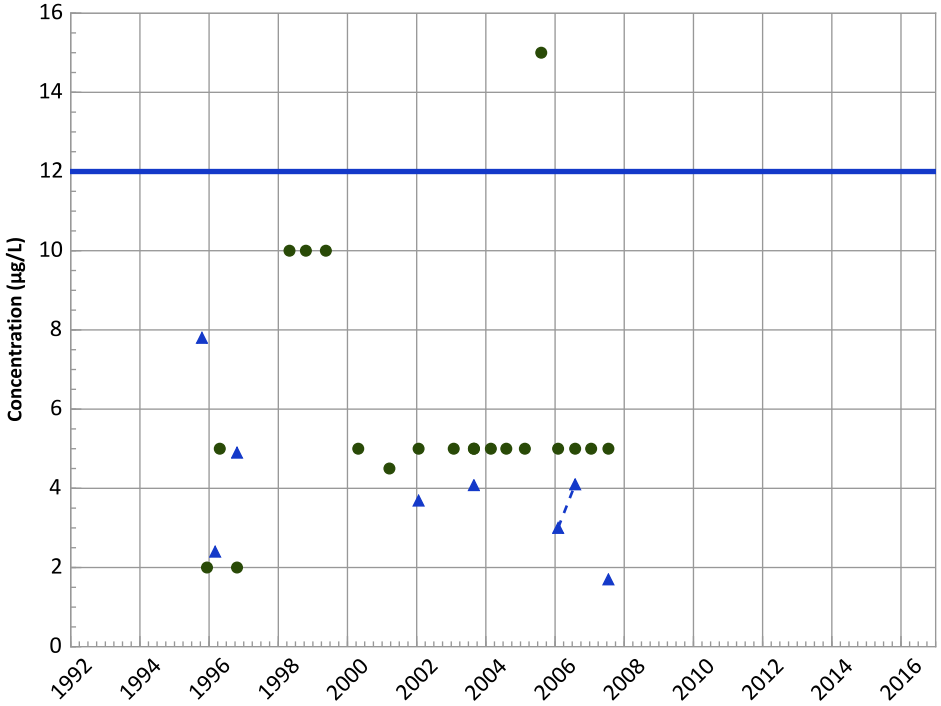


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Arsenic Trend



Concentration Trend

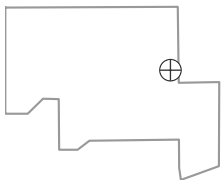
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/18/1995 to 08/16/2016
Analysis Date: 03/07/2017

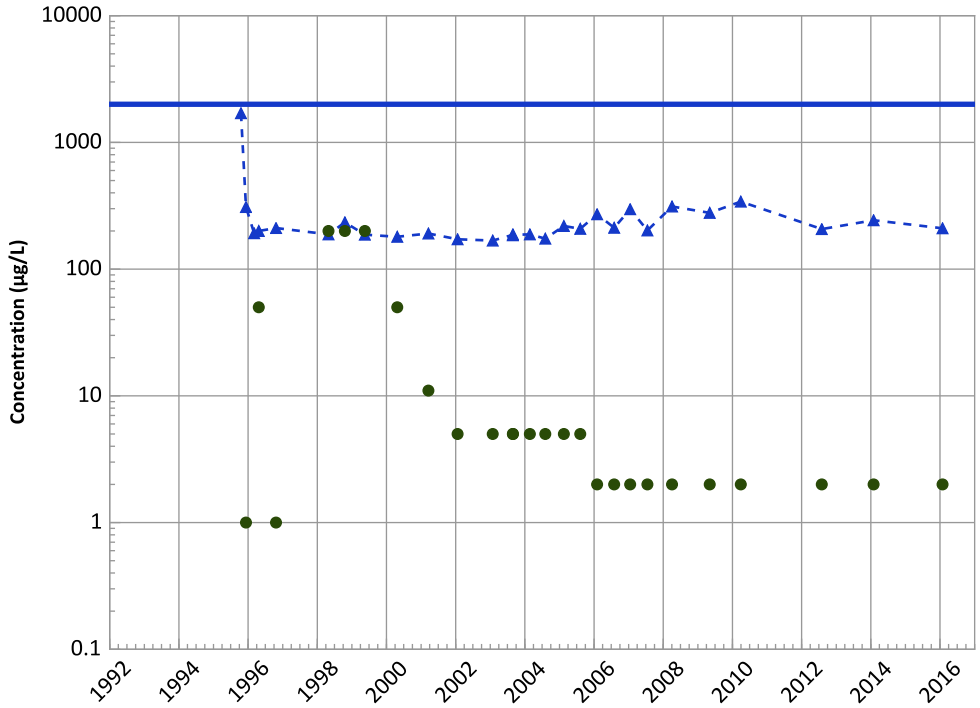
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

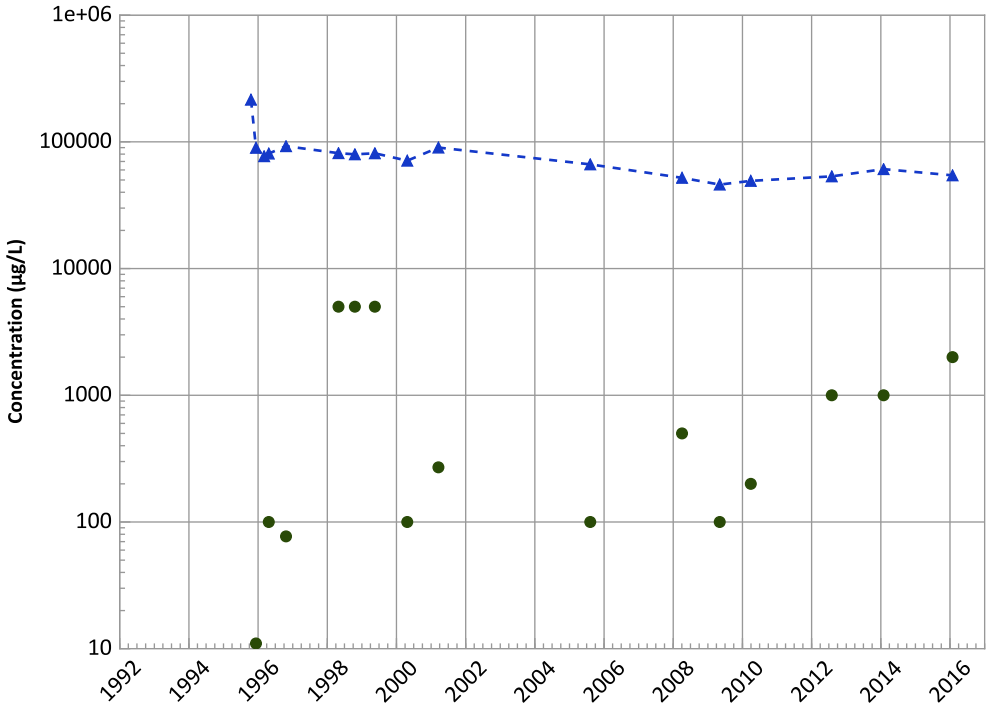


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

Calcium Trend



Concentration Trend

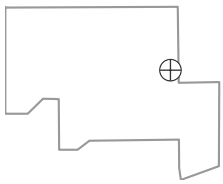
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/18/1995 to 08/16/2016
Analysis Date: 03/07/2017

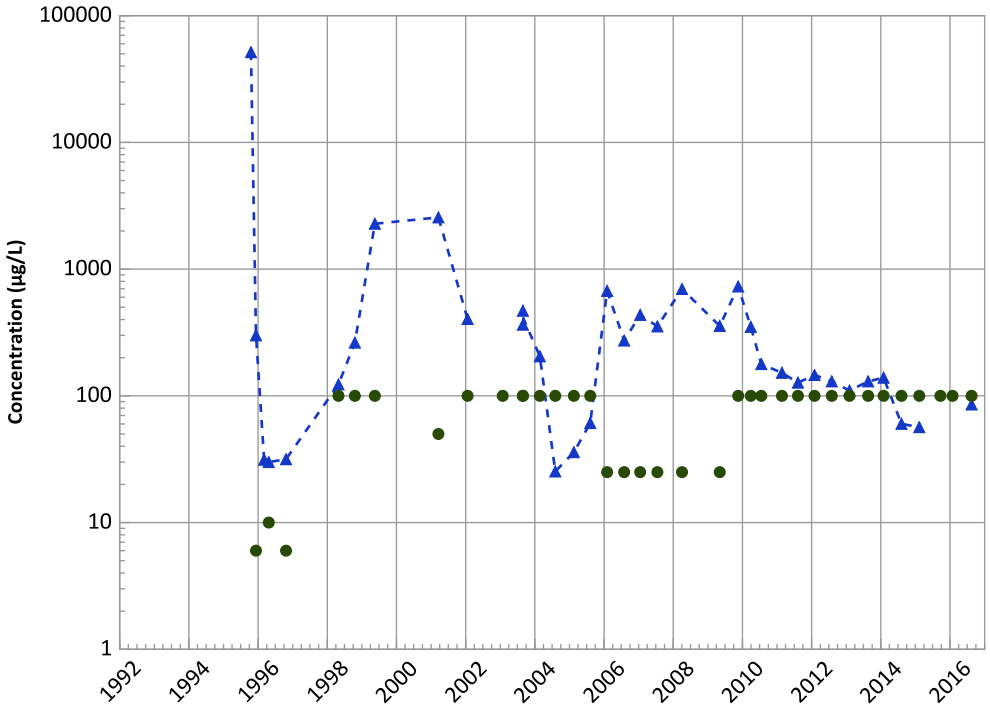
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

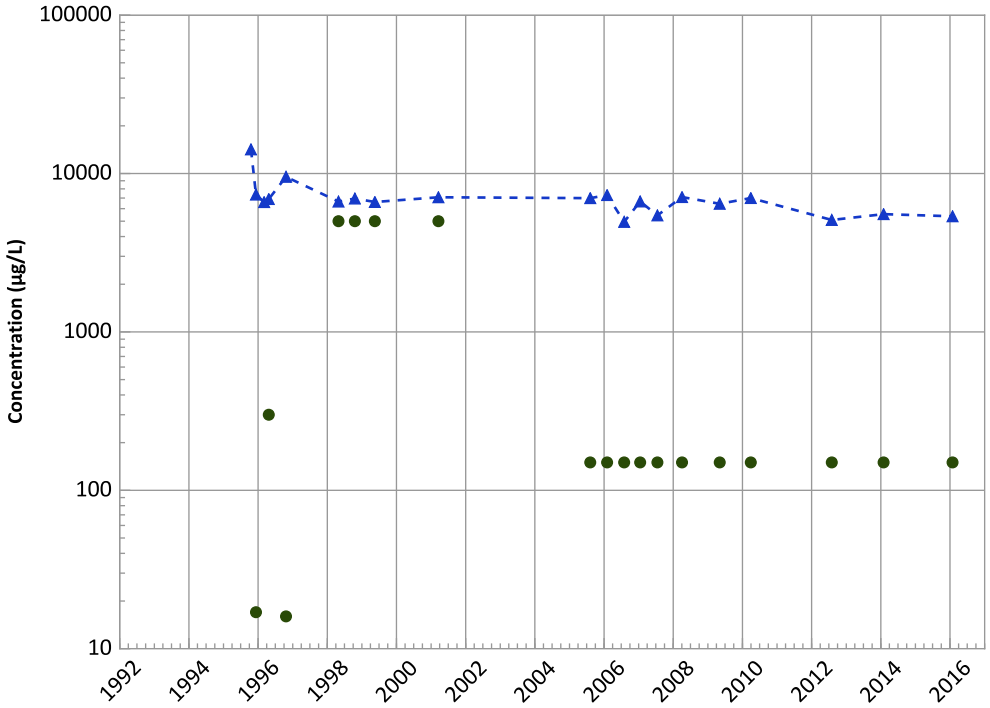


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

Potassium Trend



Concentration Trend

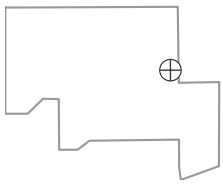
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/18/1995 to 08/16/2016
Analysis Date: 03/07/2017

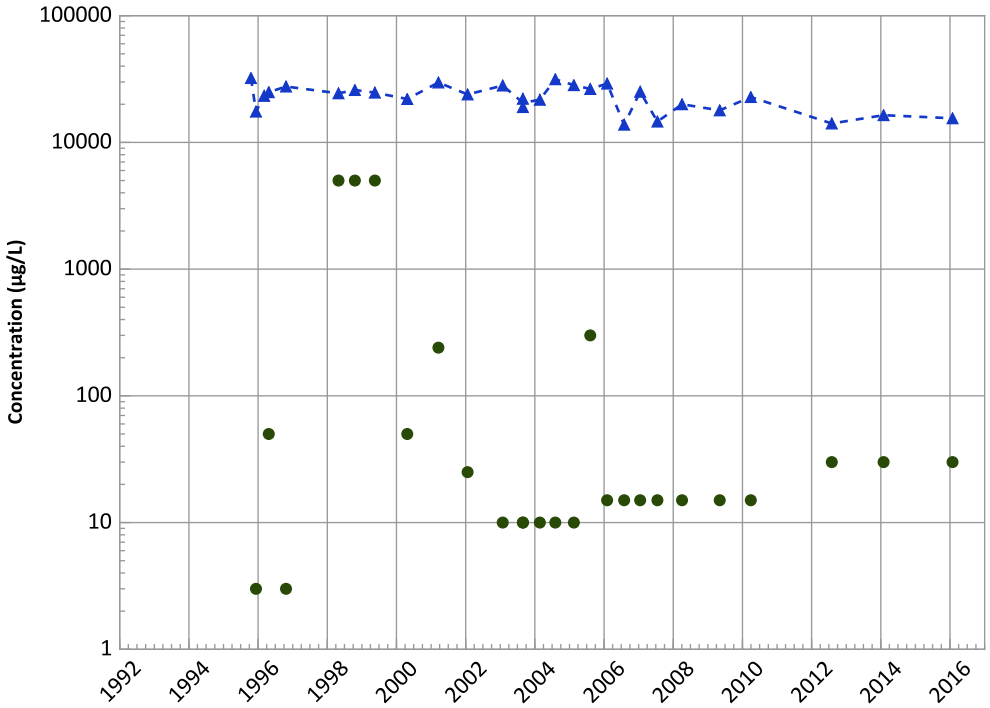
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

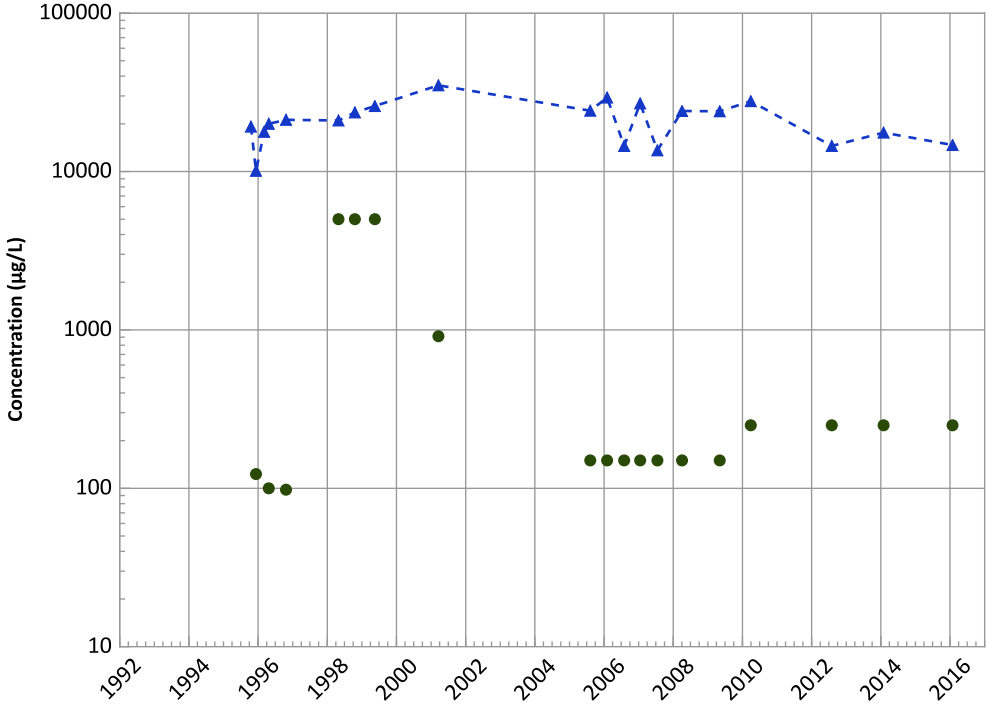


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Sodium Trend



Concentration Trend

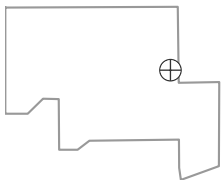
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

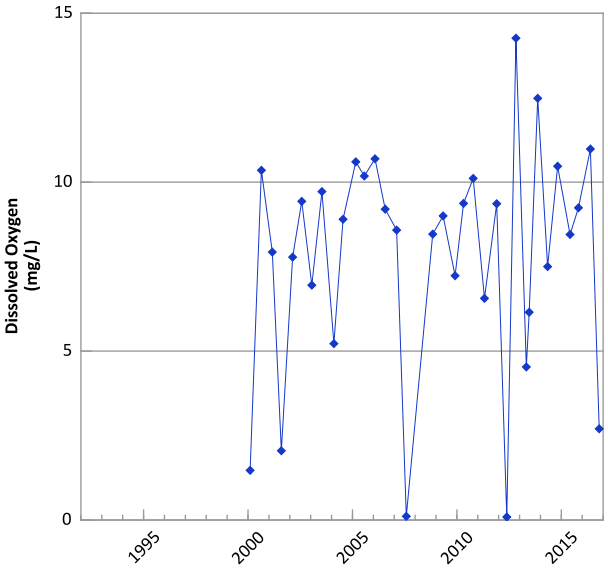
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/18/1995 to 08/16/2016
Analysis Date: 03/07/2017

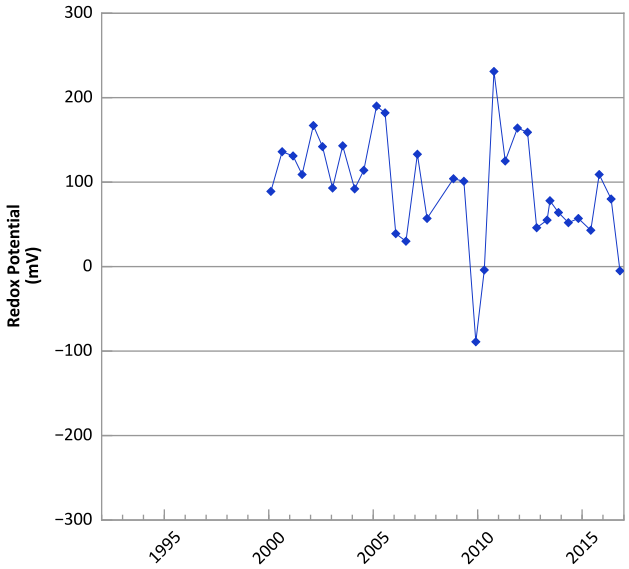
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

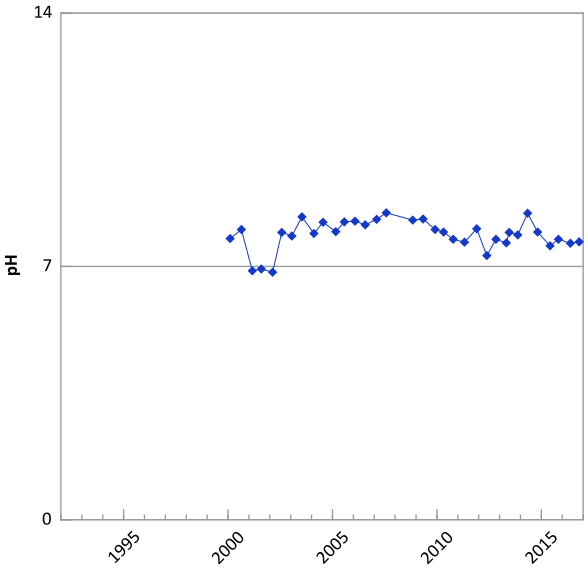
Well Location

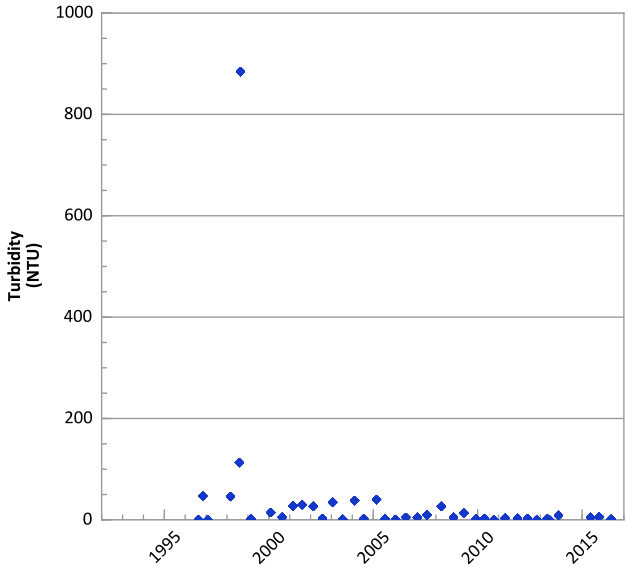


PTX06-1030 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



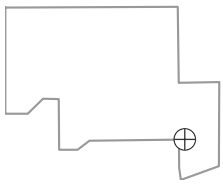






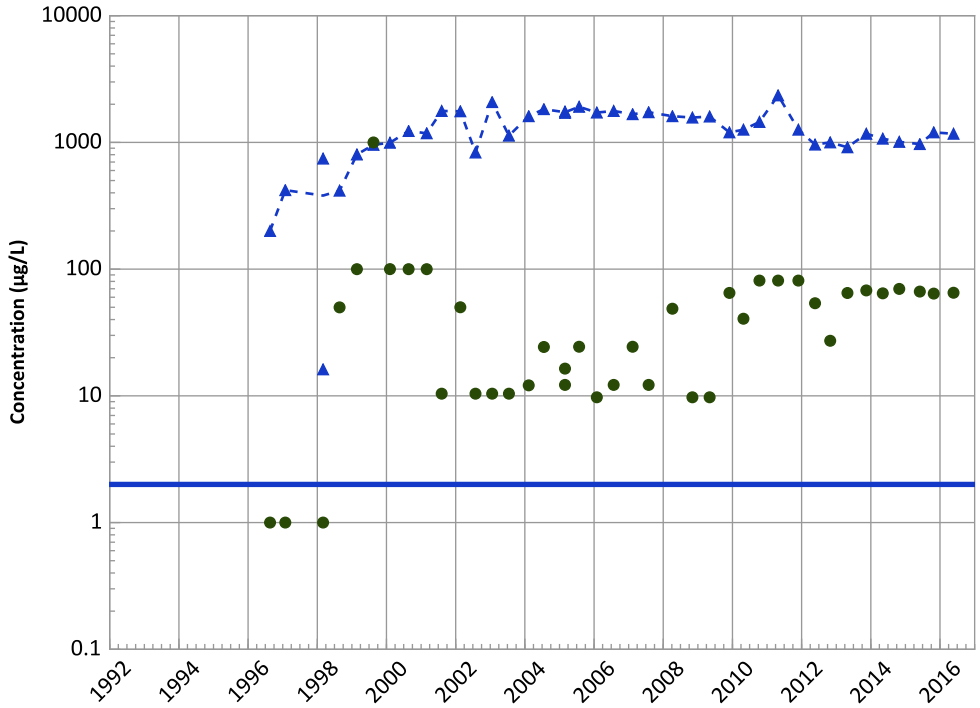
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 05/23/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1030 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

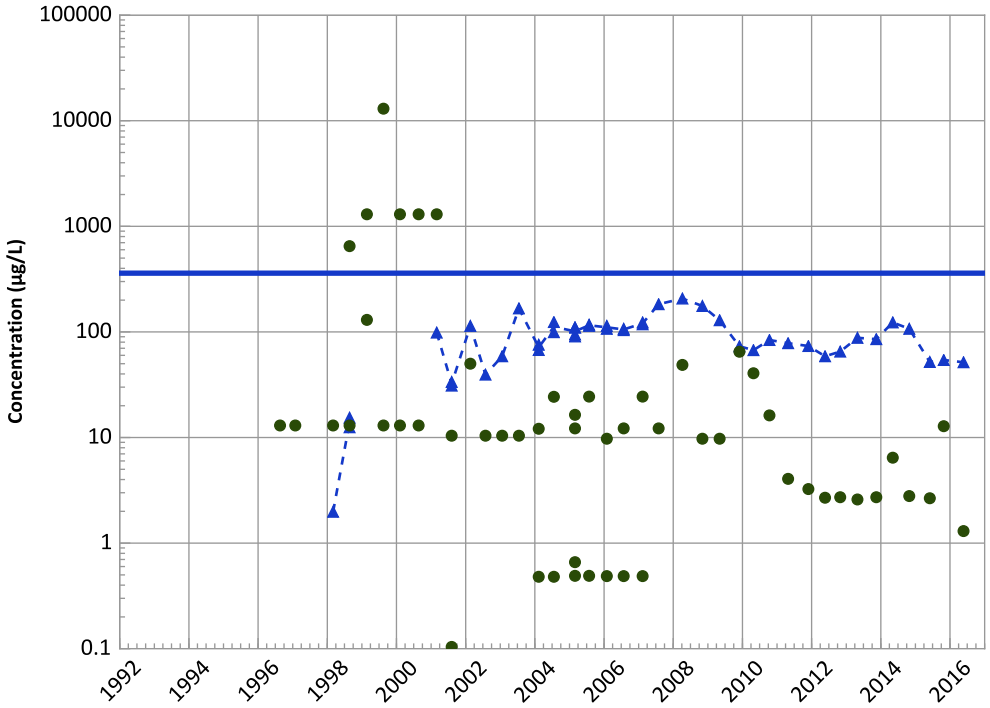


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

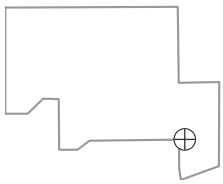
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 05/23/2016
Analysis Date: 03/07/2017

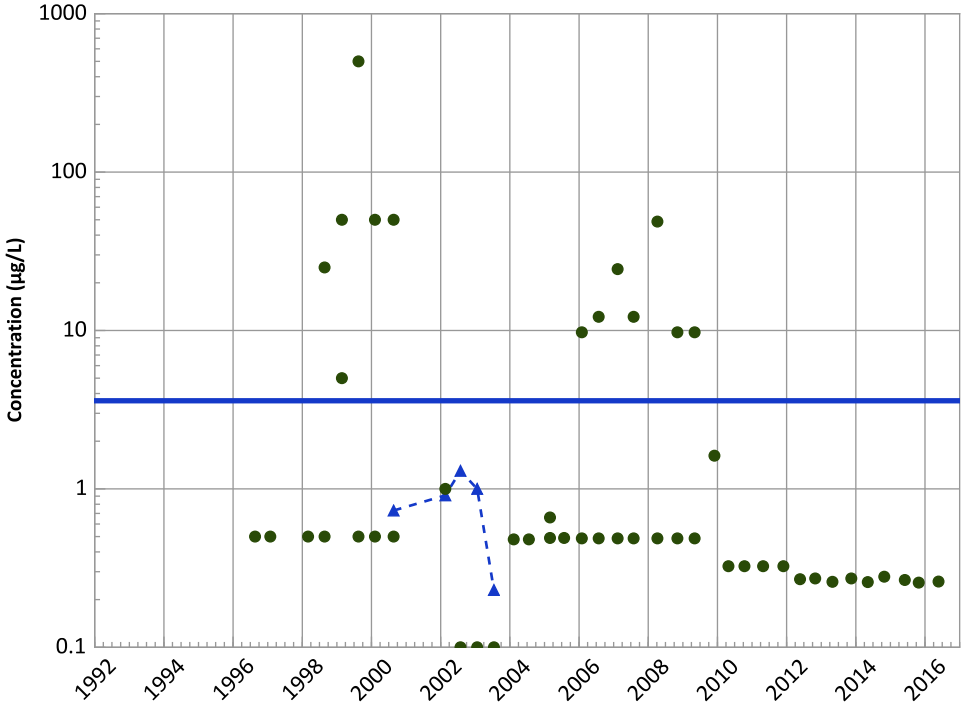
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1030 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

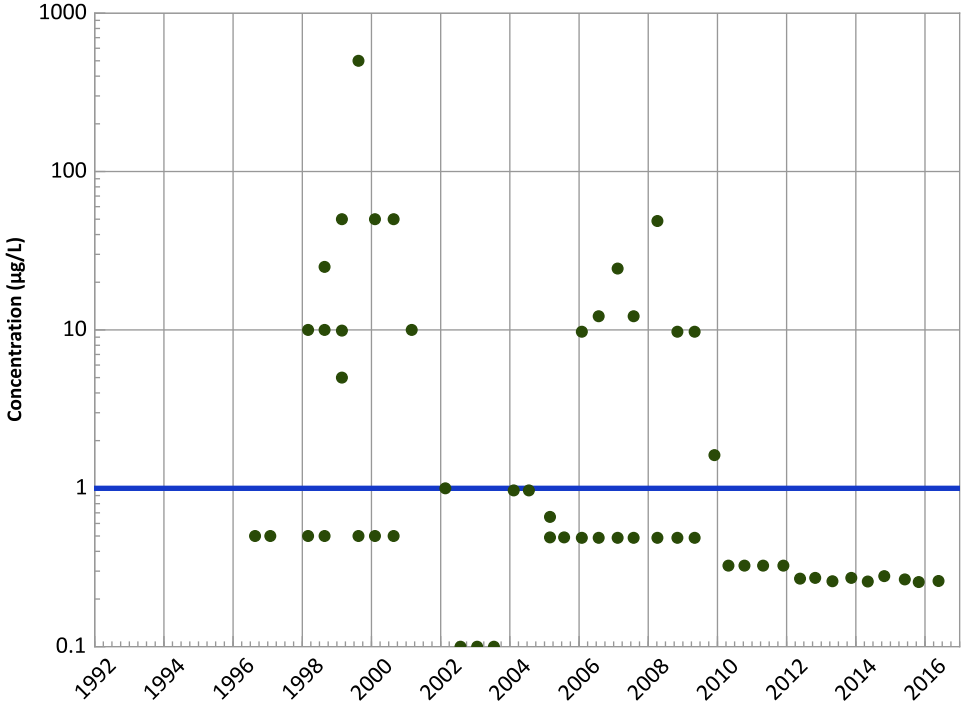


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Stable

2,4-Dinitrotoluene Trend



Concentration Trend

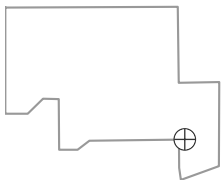
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 05/23/2016
Analysis Date: 03/07/2017

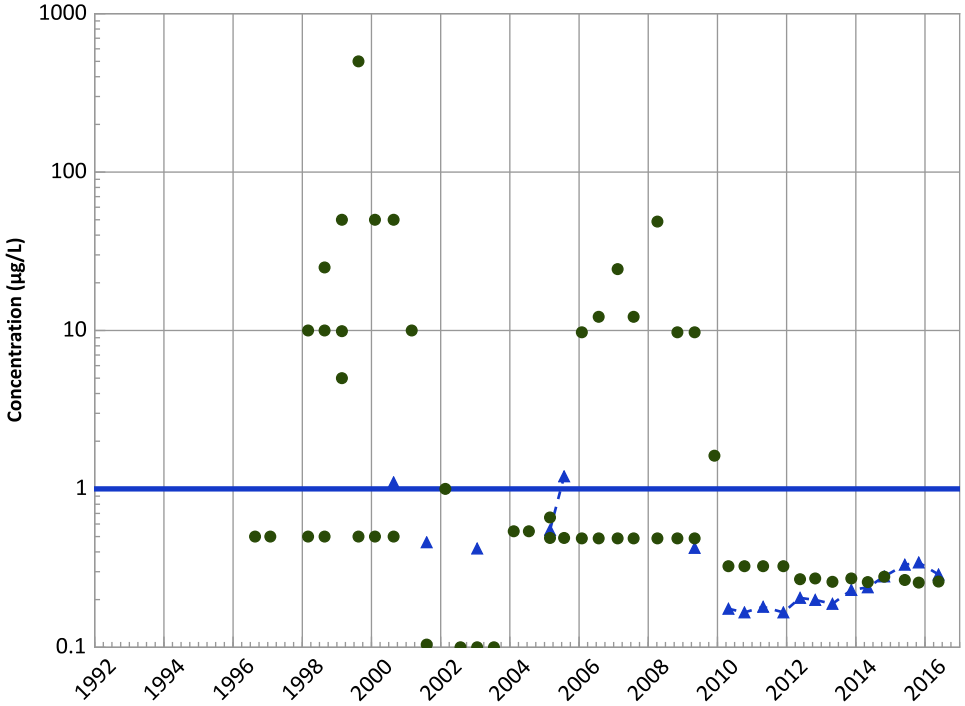
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1030 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

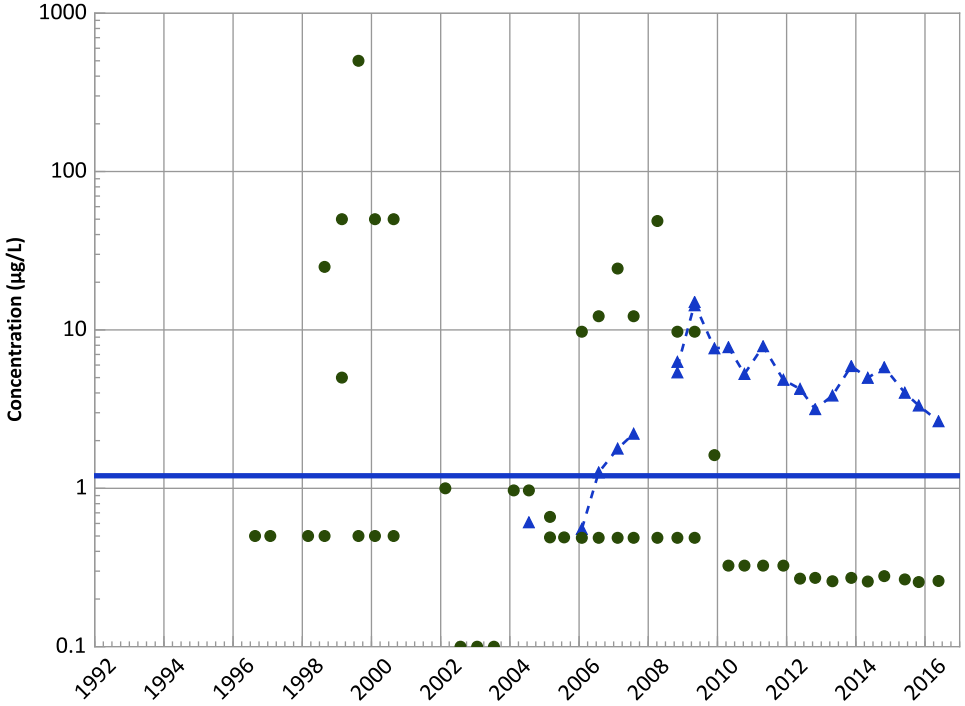


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

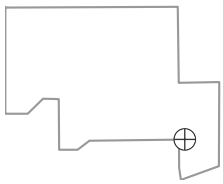
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 05/23/2016
Analysis Date: 03/07/2017

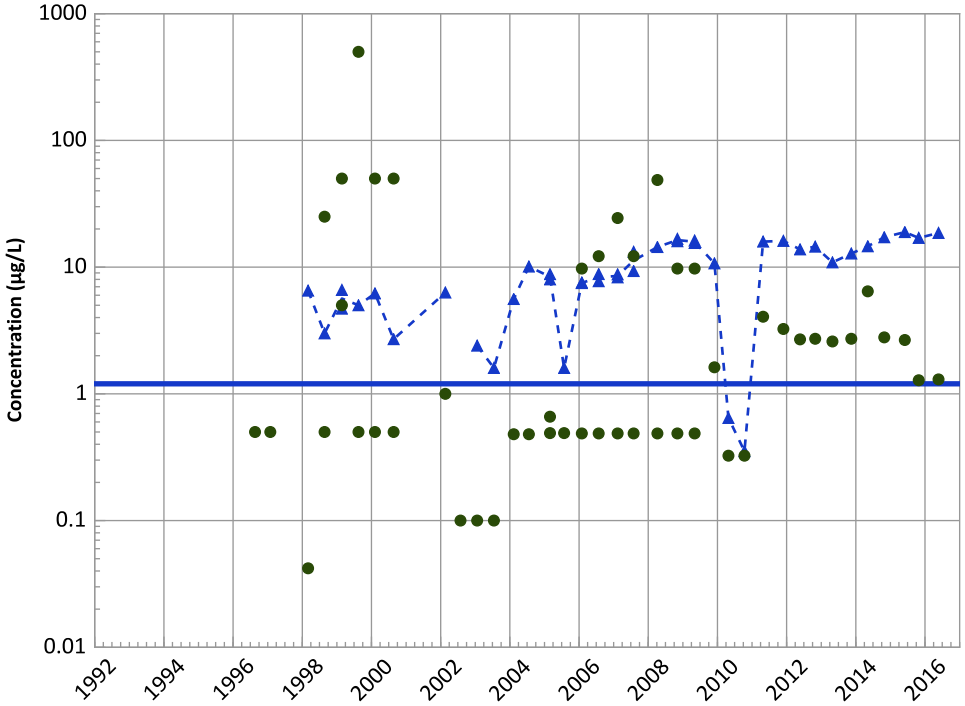
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1030 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

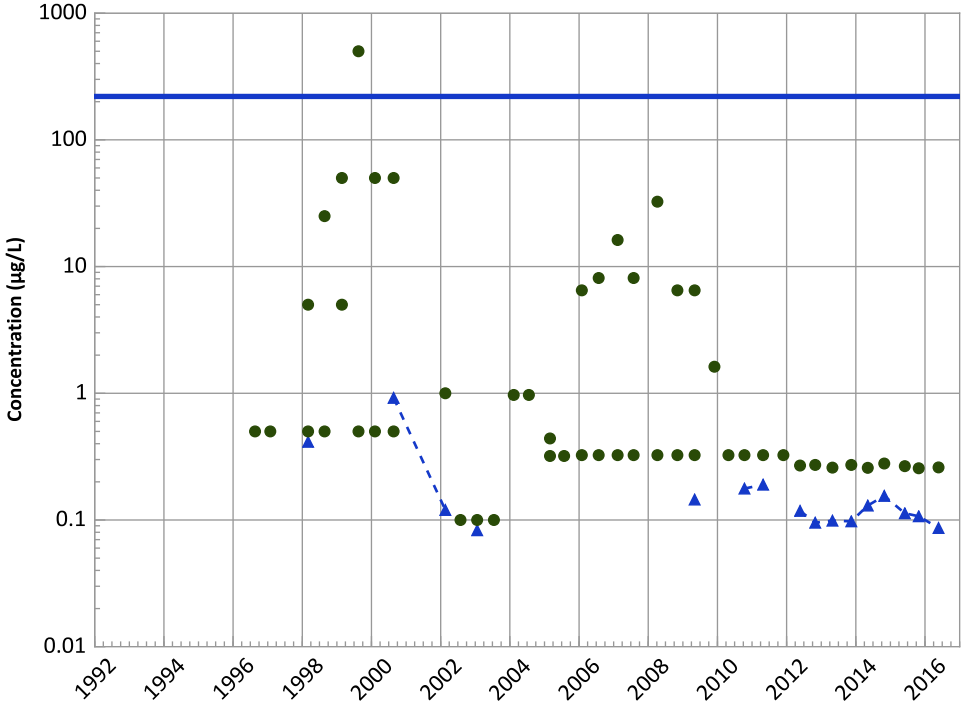


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

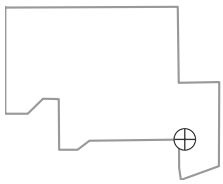
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 05/23/2016
Analysis Date: 03/07/2017

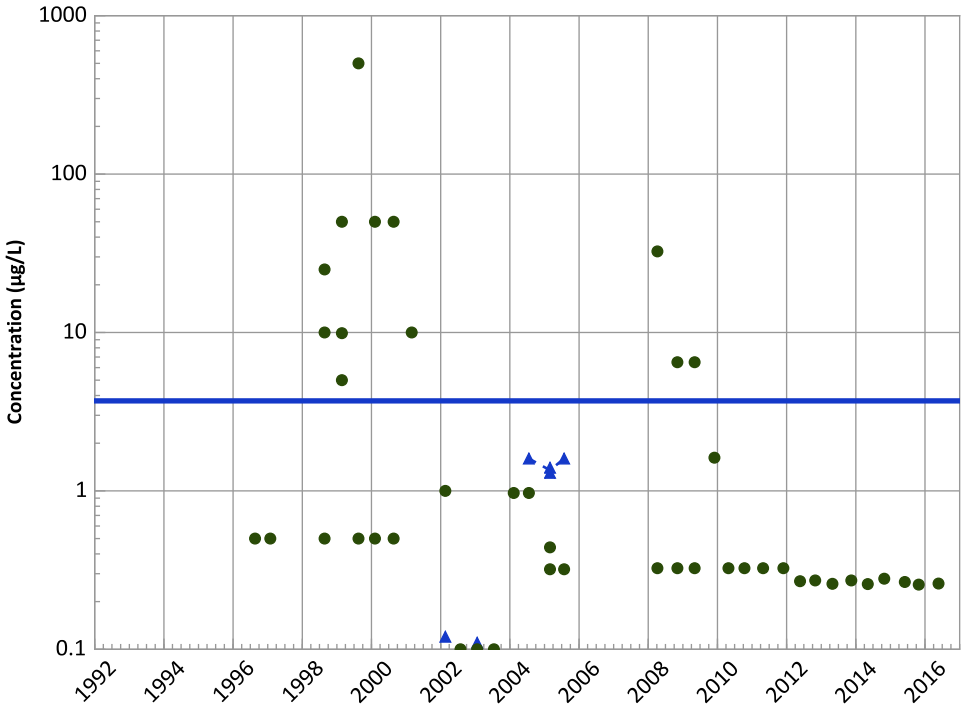
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1030 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

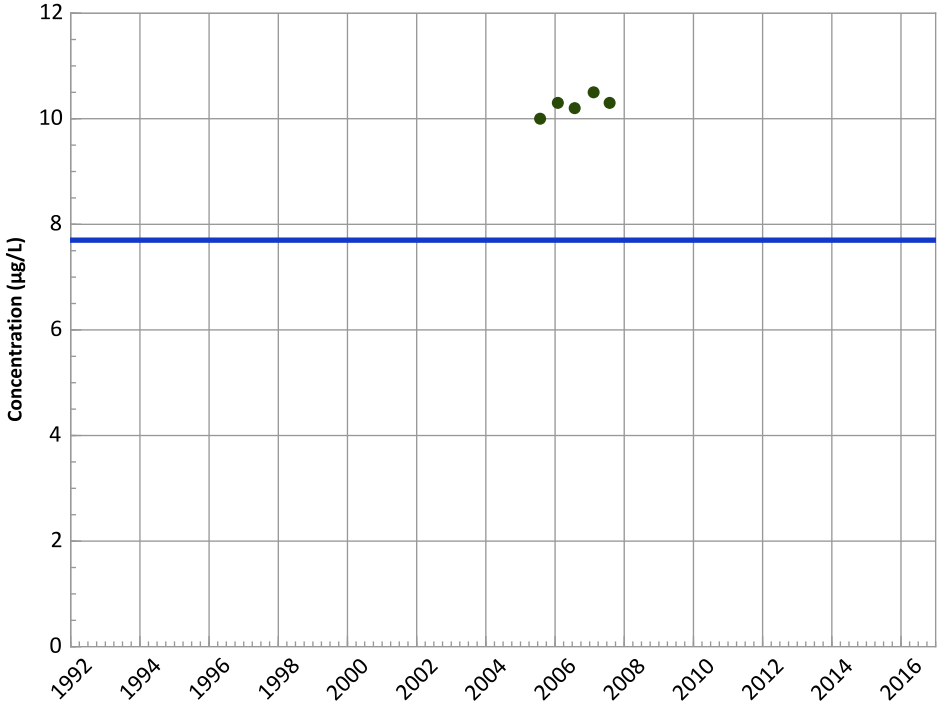


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Increasing

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

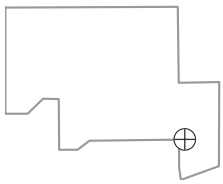
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 05/23/2016
Analysis Date: 03/07/2017

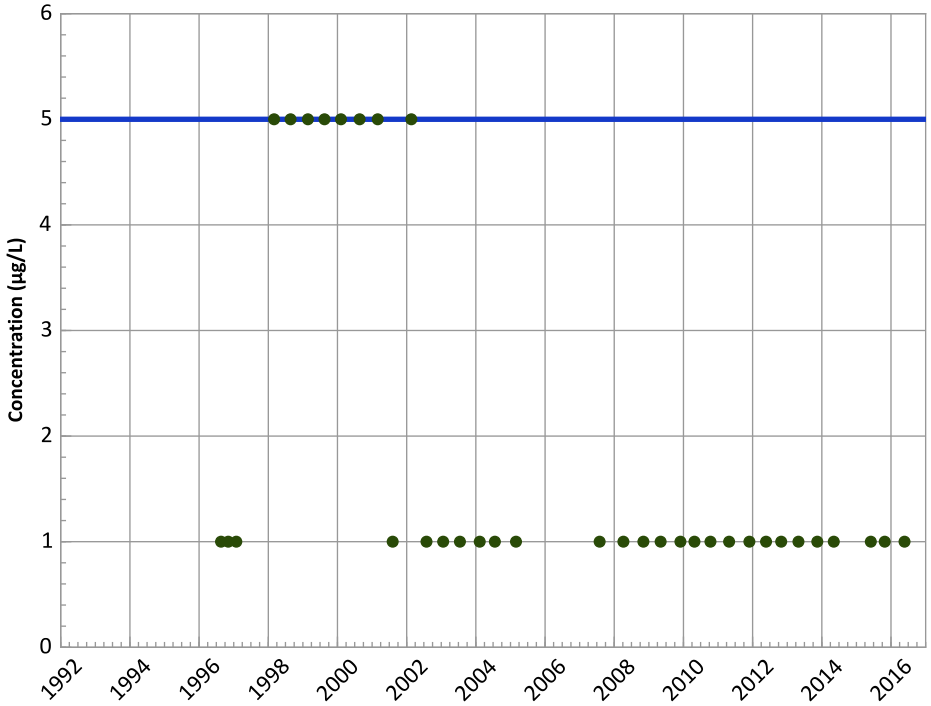
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1030 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

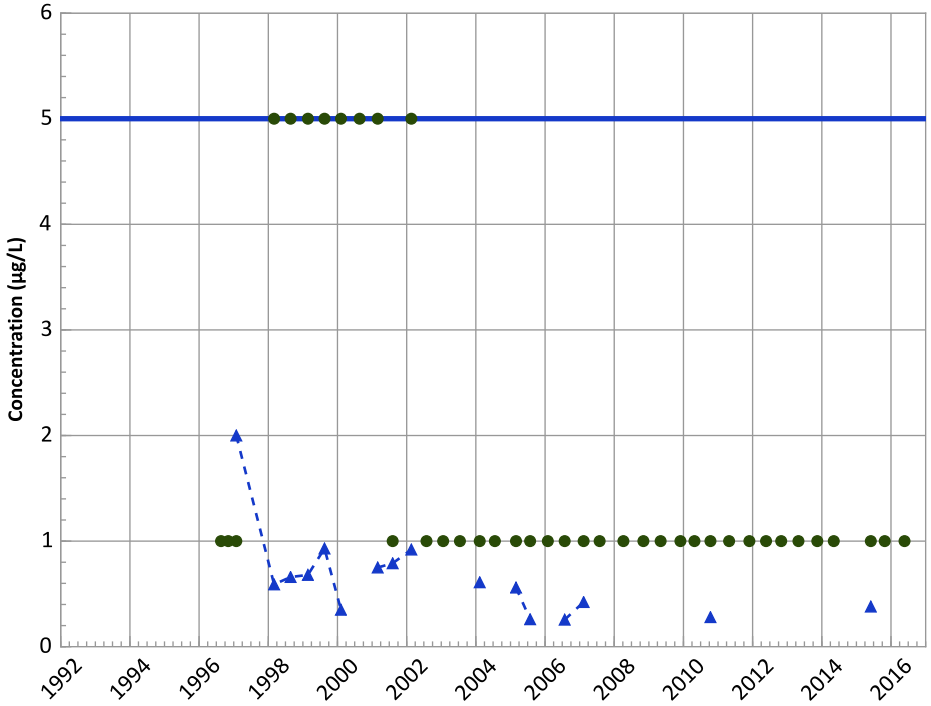


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

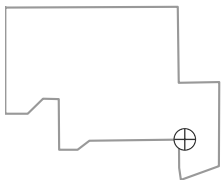
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 05/23/2016
Analysis Date: 03/07/2017

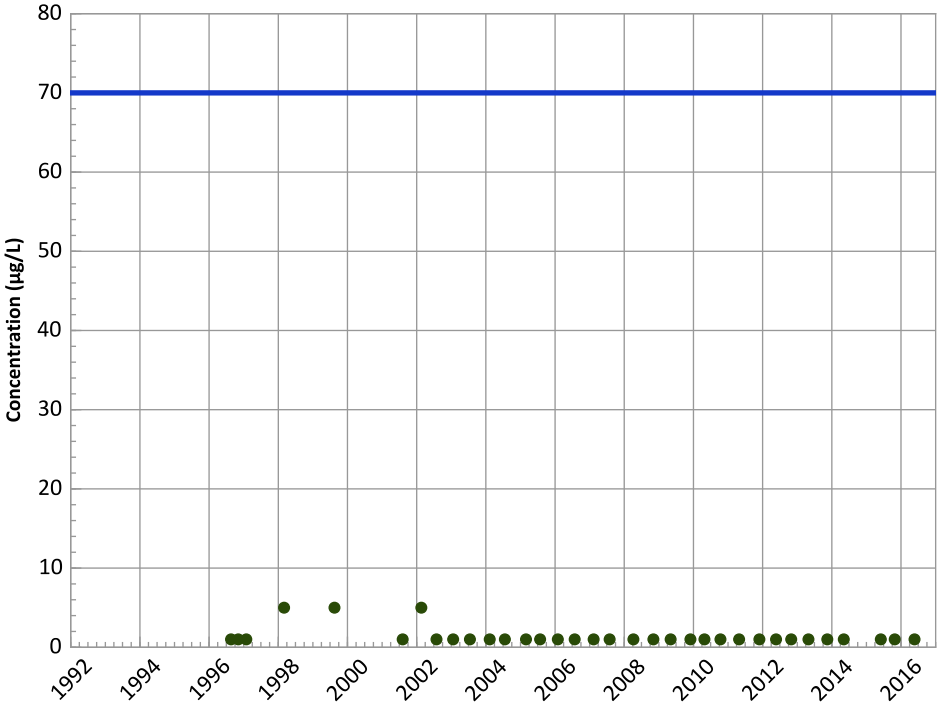
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1030 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

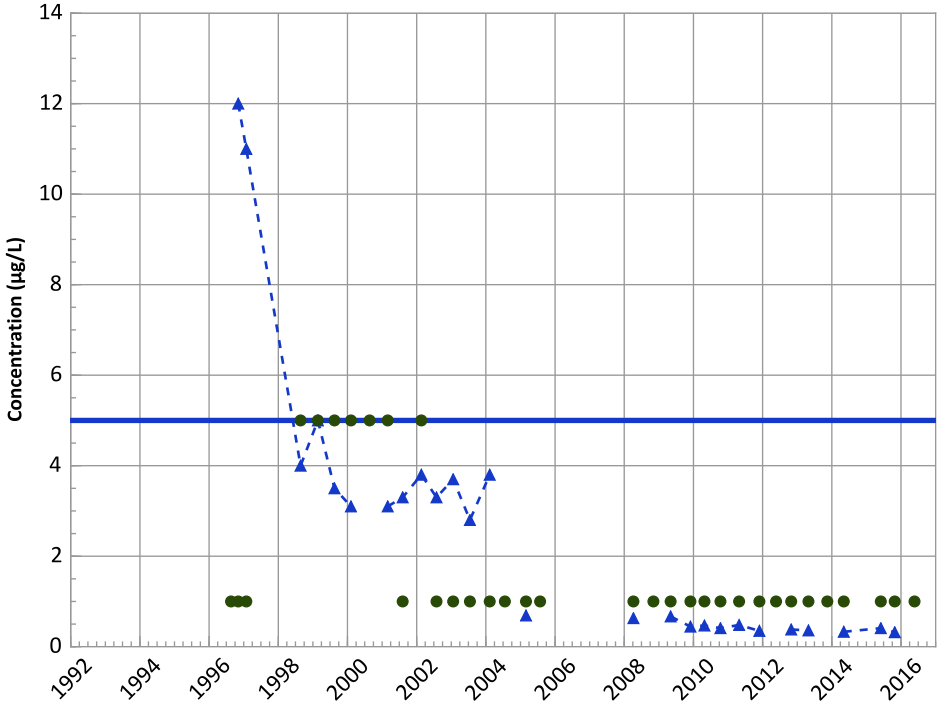


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

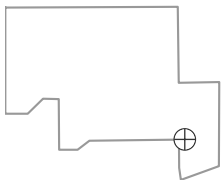
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 05/23/2016
Analysis Date: 03/07/2017

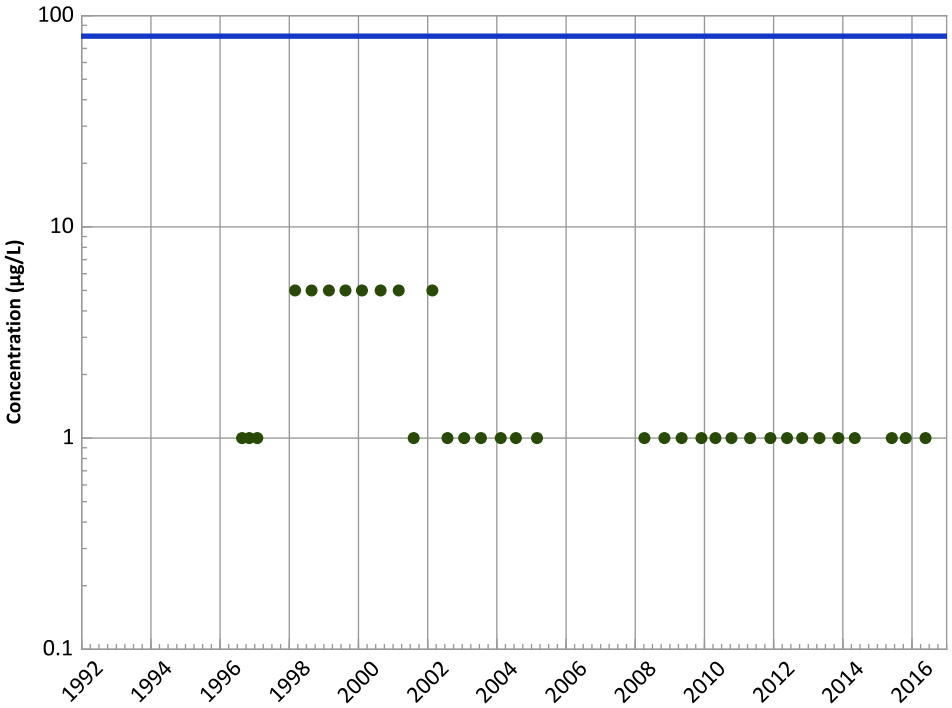
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1030 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

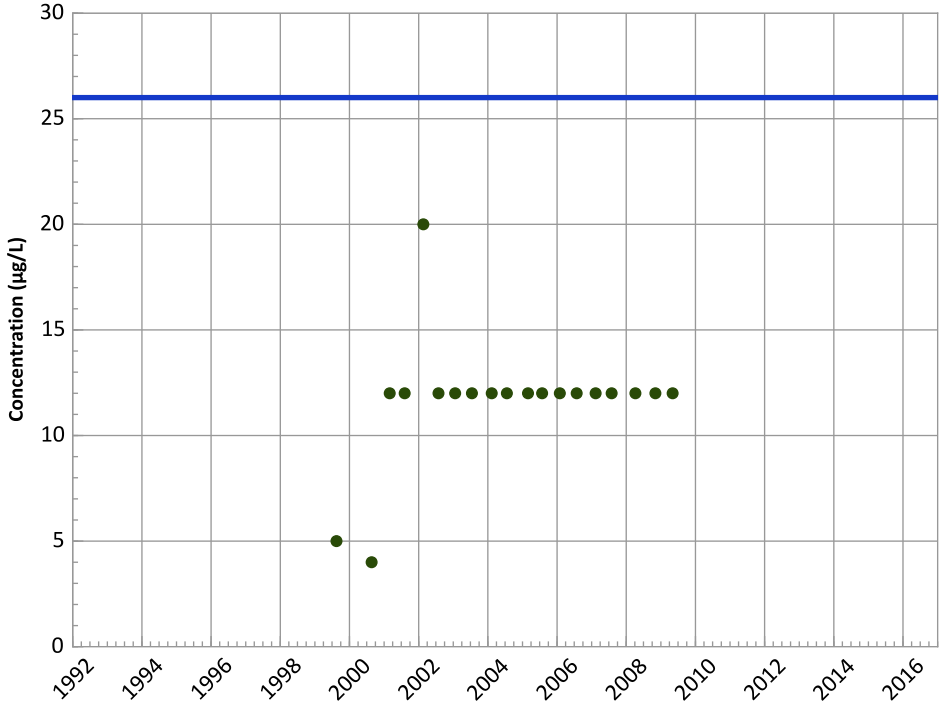


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

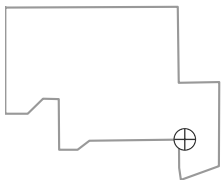
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 05/23/2016
Analysis Date: 03/07/2017

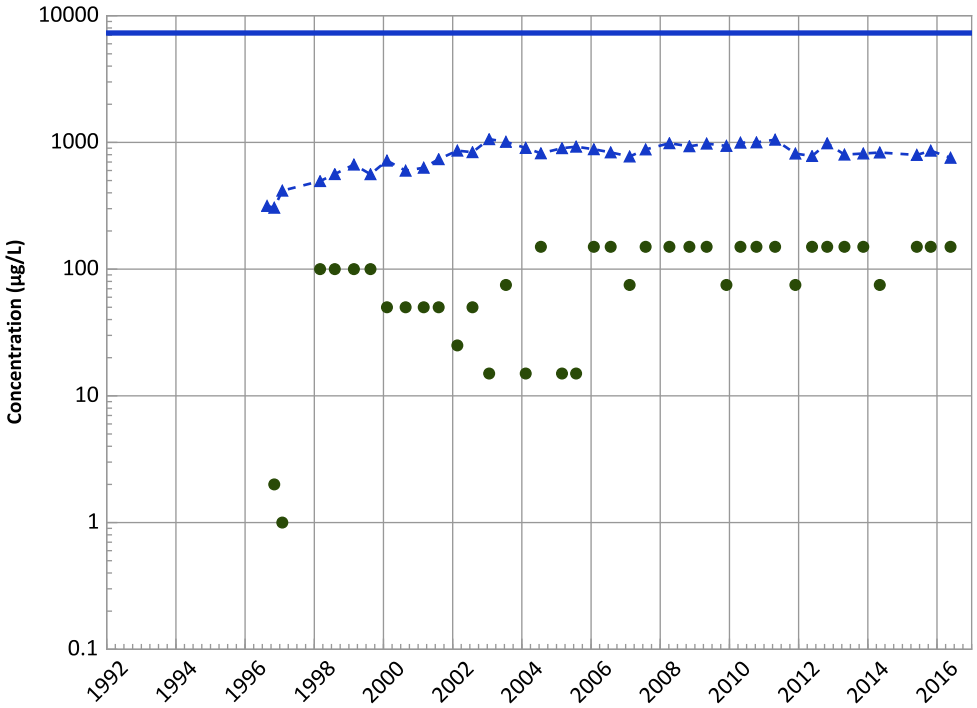
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1030 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

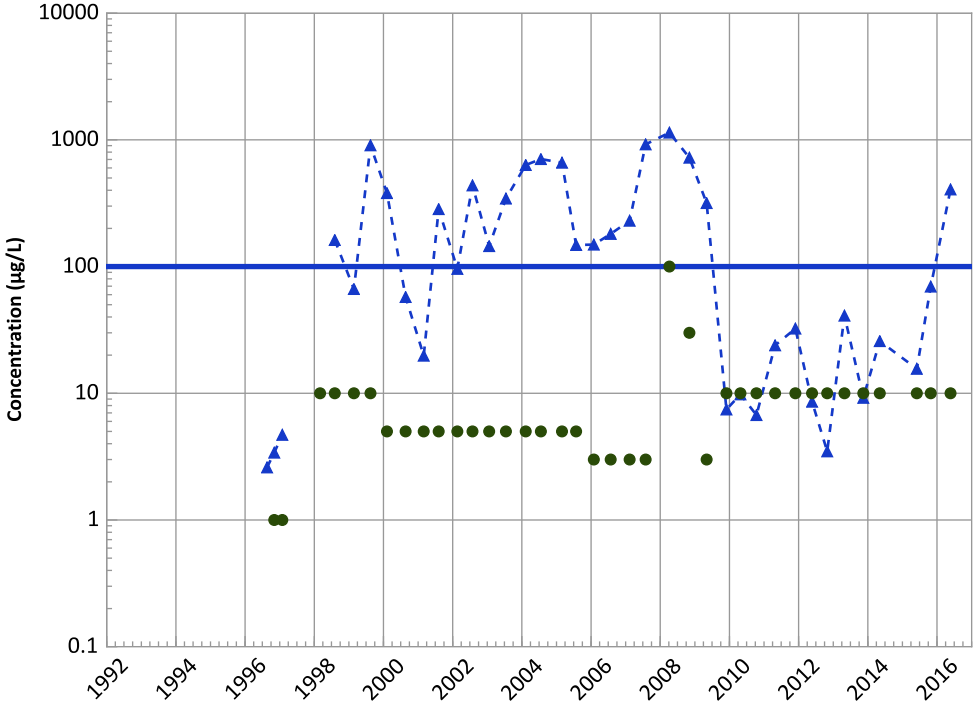


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Chromium, Total Trend



Concentration Trend

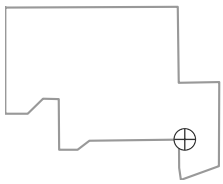
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 05/23/2016
Analysis Date: 03/07/2017

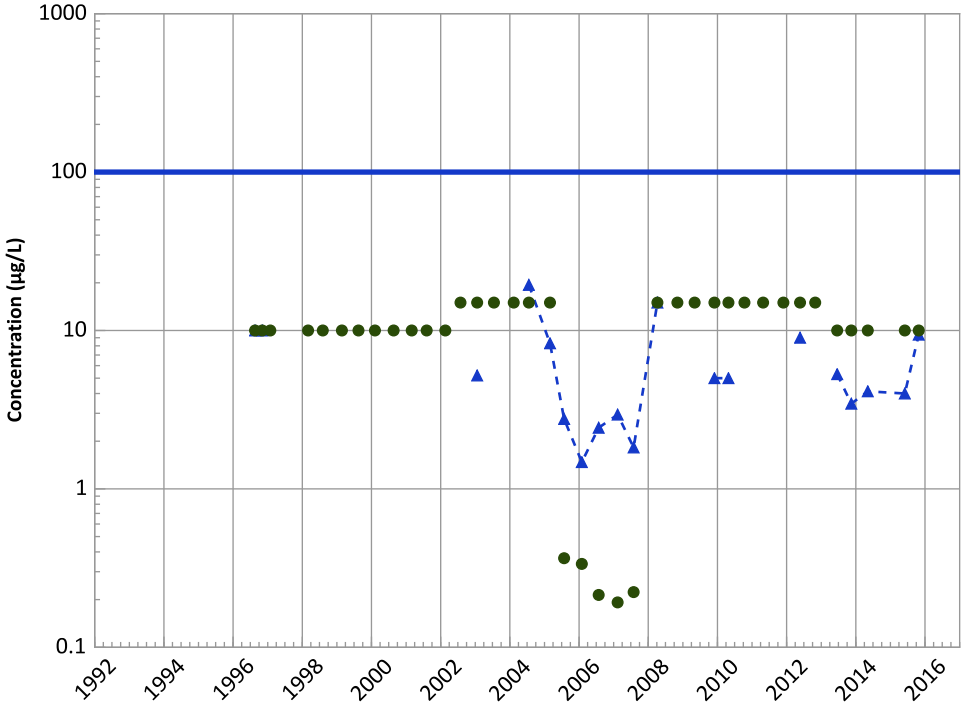
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1030 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

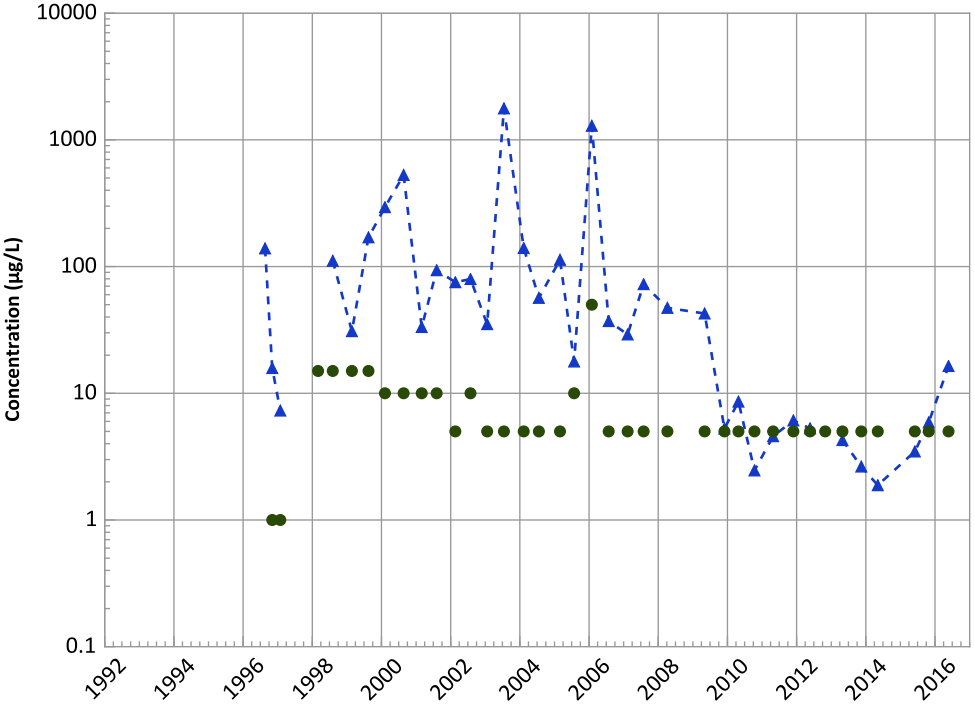


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Stable

Manganese Trend



Concentration Trend

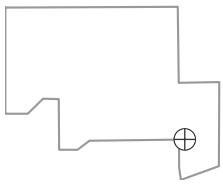
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 05/23/2016
Analysis Date: 03/07/2017

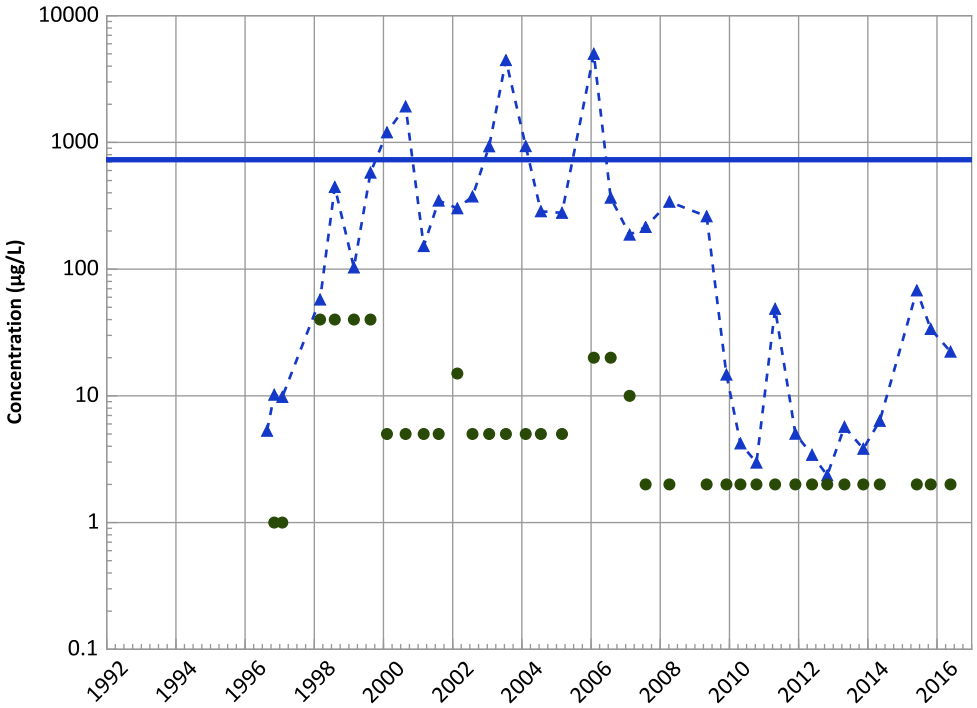
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1030 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

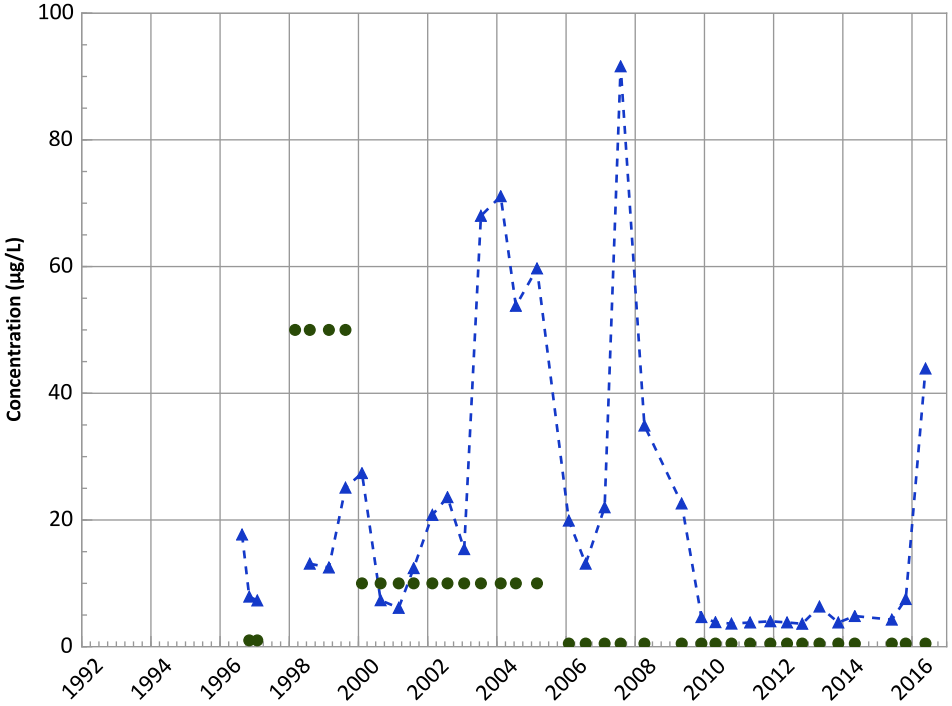


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Decreasing

Molybdenum Trend



Concentration Trend

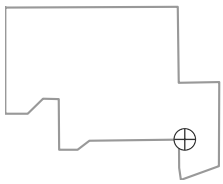
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 05/23/2016
Analysis Date: 03/07/2017

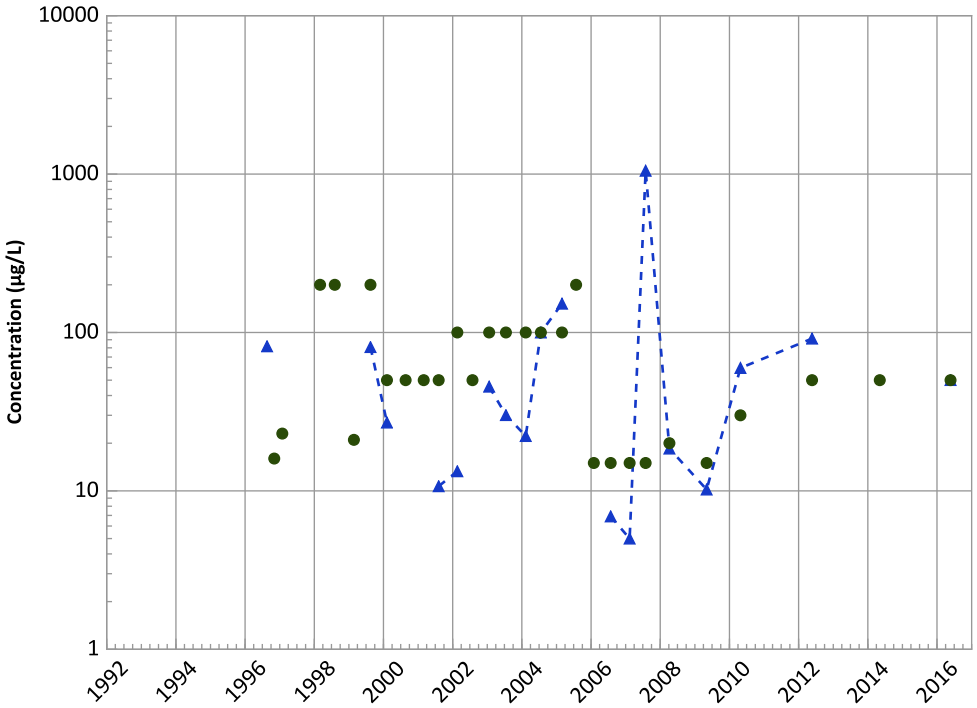
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1030 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

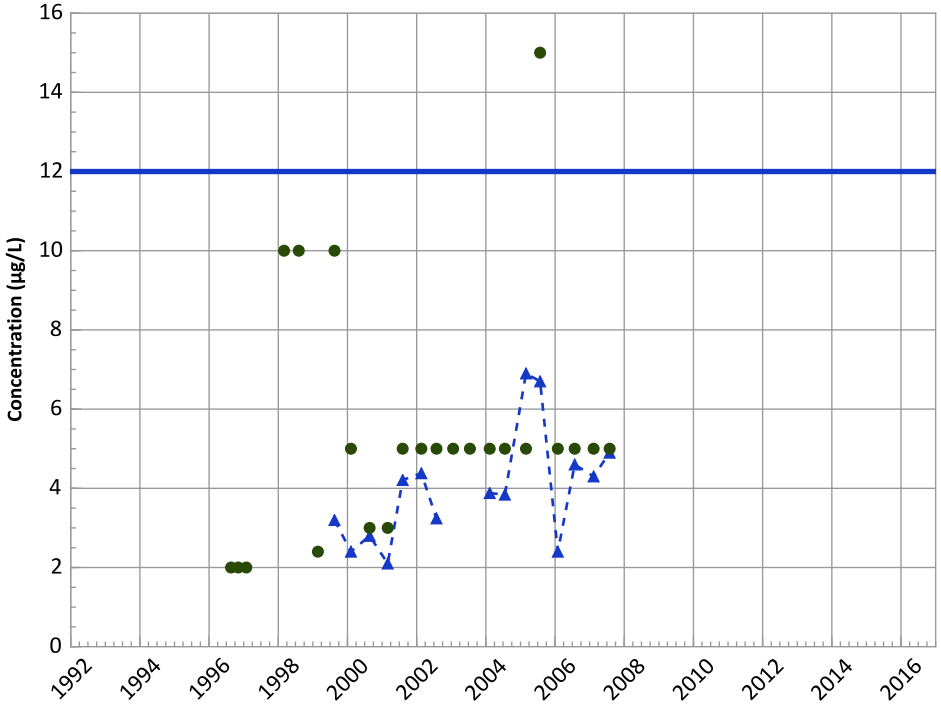


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Arsenic Trend



Concentration Trend

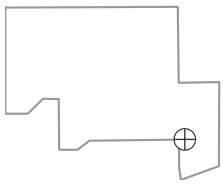
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 05/23/2016
Analysis Date: 03/07/2017

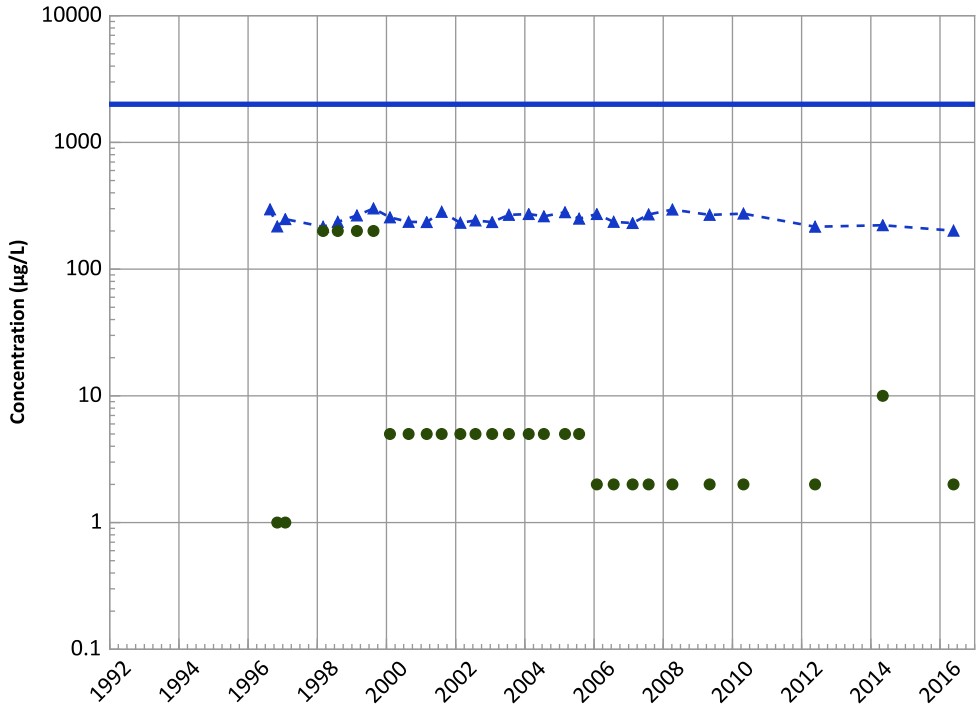
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1030 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

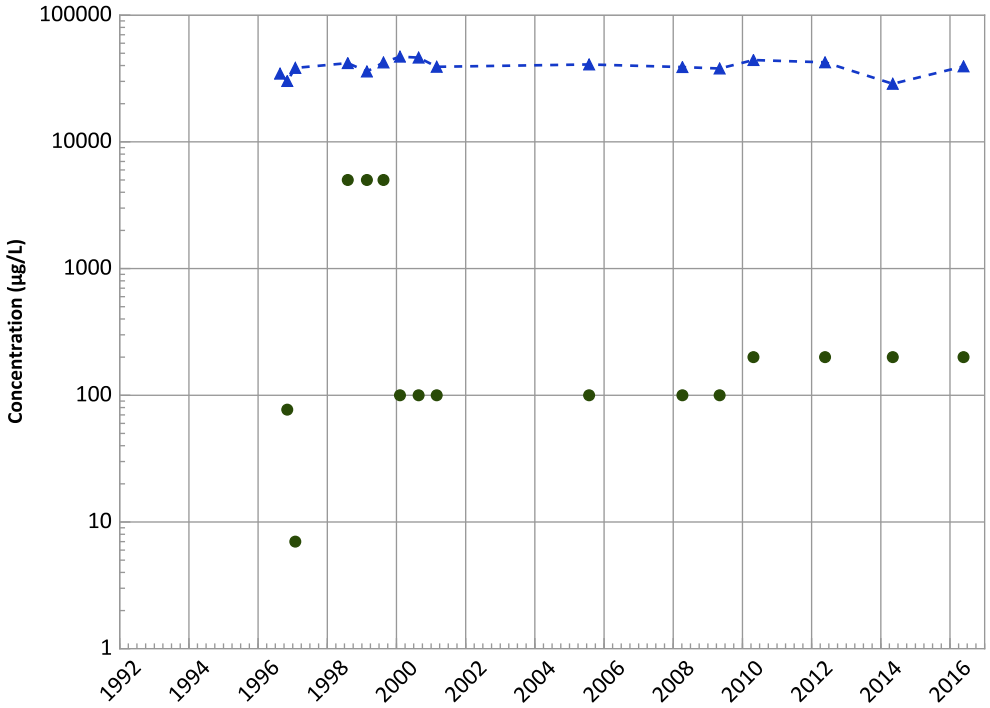


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Stable

Calcium Trend



Concentration Trend

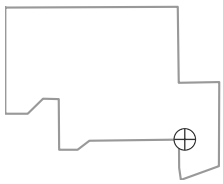
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 05/23/2016
Analysis Date: 03/07/2017

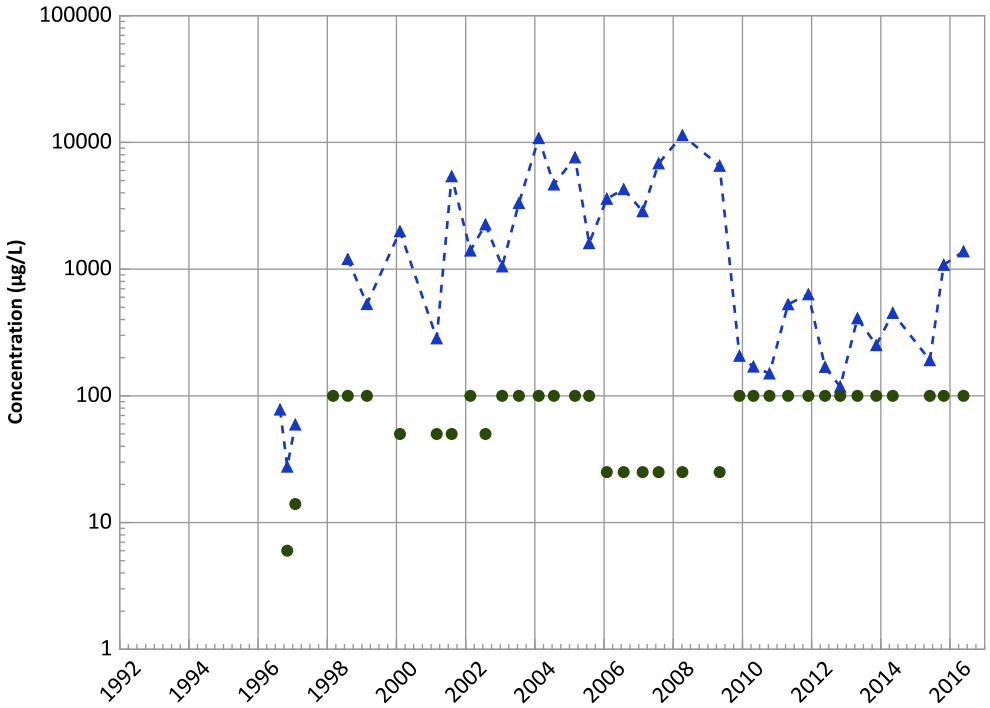
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1030 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

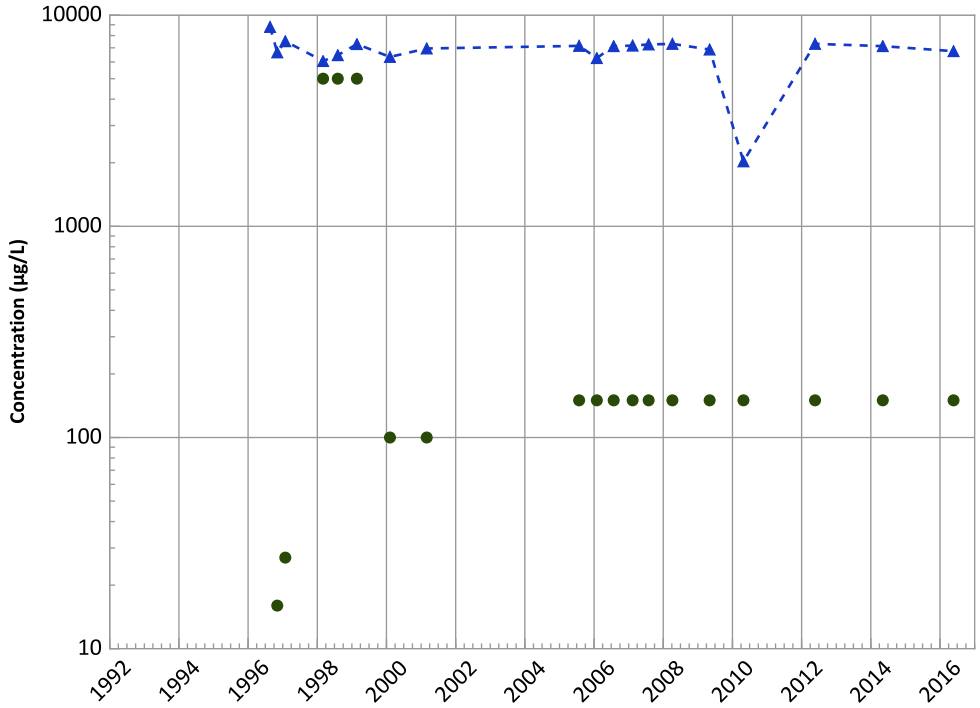


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

Potassium Trend



Concentration Trend

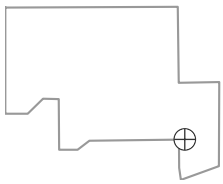
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 05/23/2016
Analysis Date: 03/07/2017

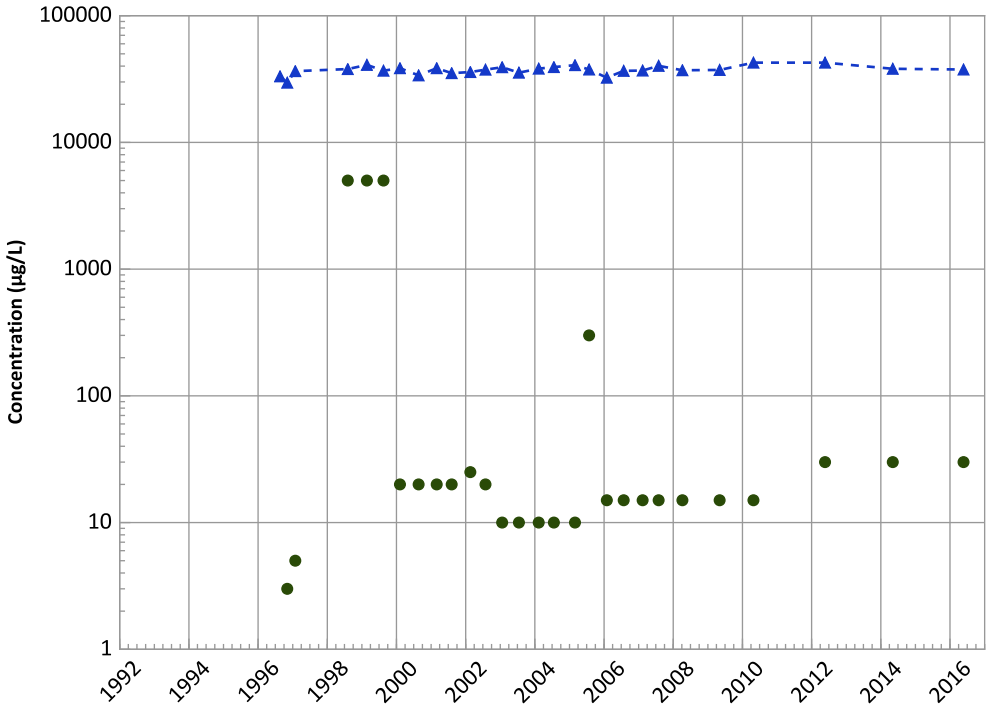
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1030 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

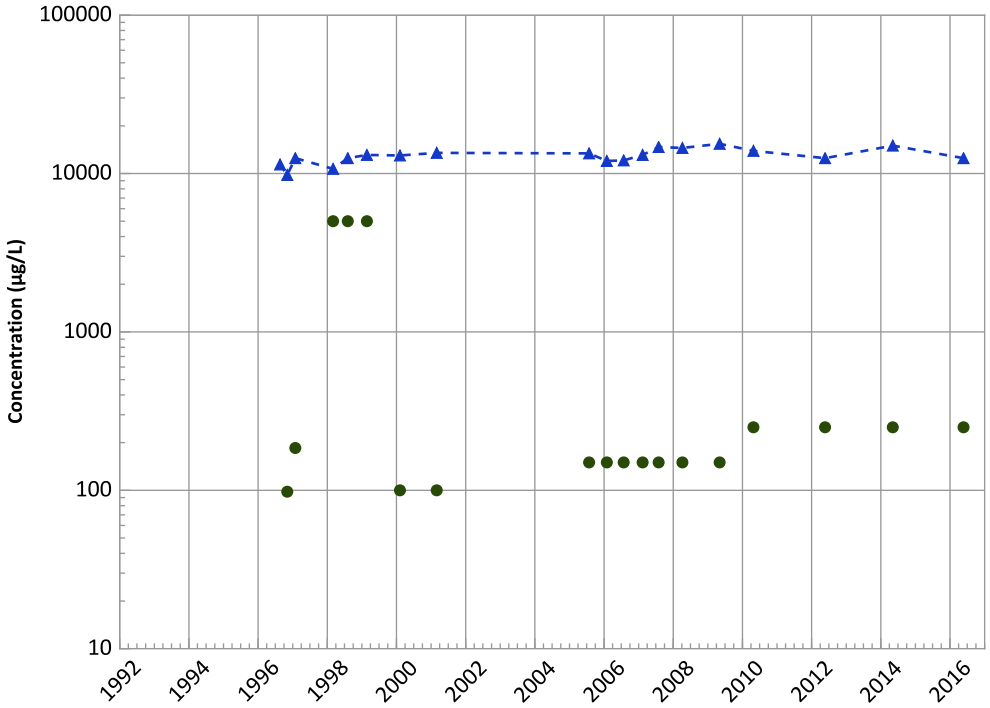


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Sodium Trend



Concentration Trend

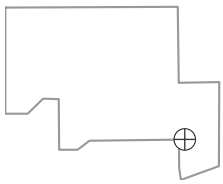
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

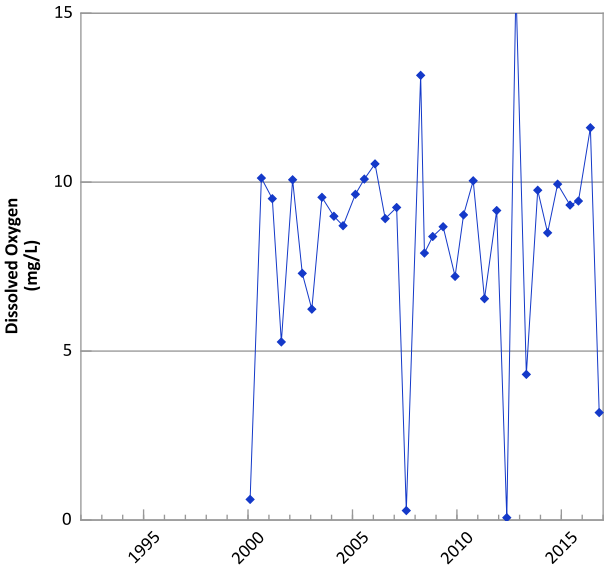
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 05/23/2016
Analysis Date: 03/07/2017

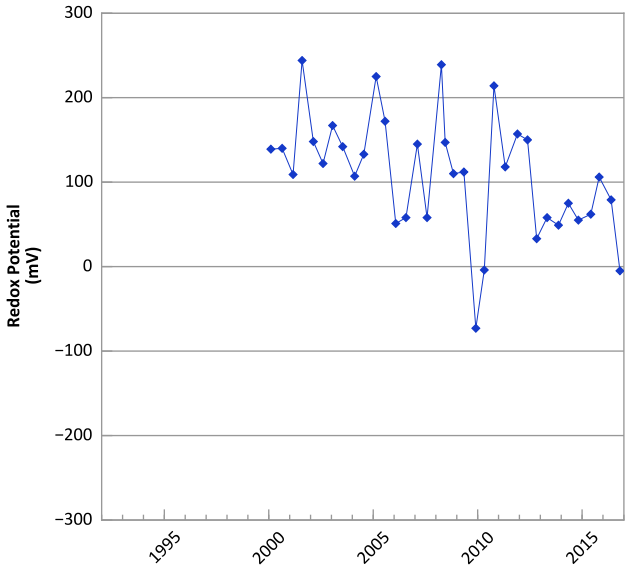
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

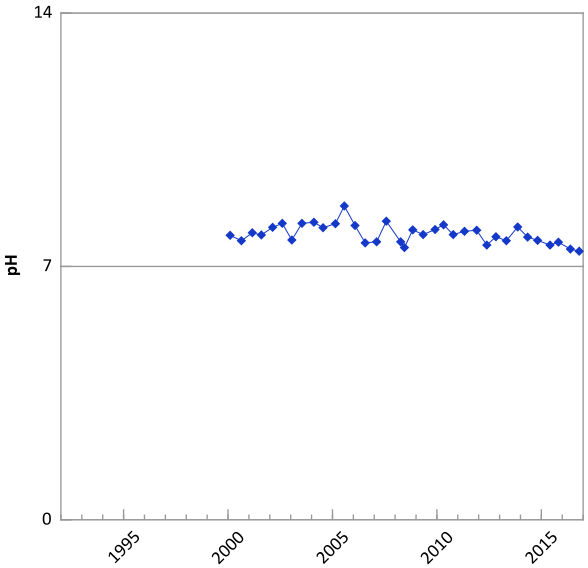
Well Location

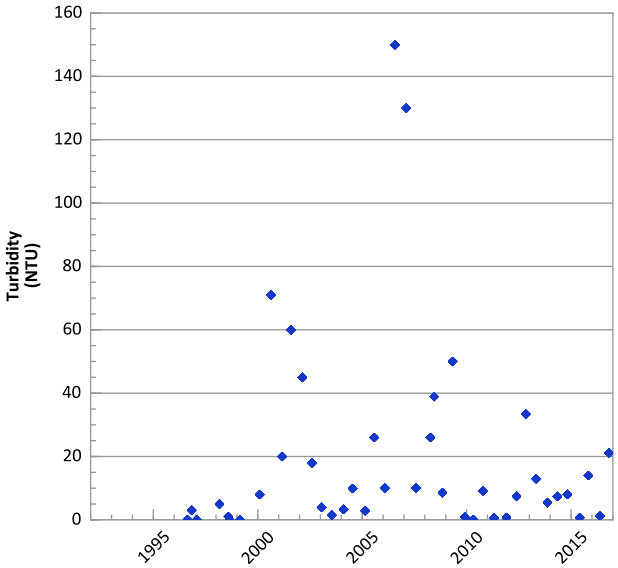


PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



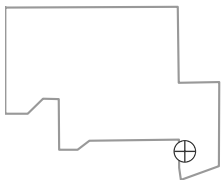






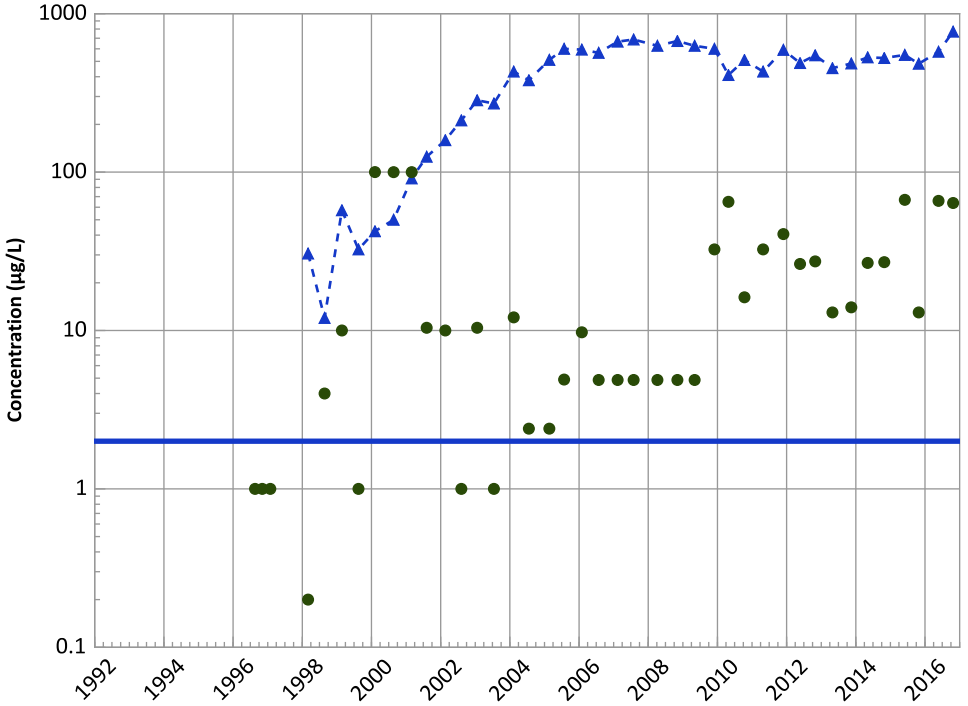
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 10/24/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

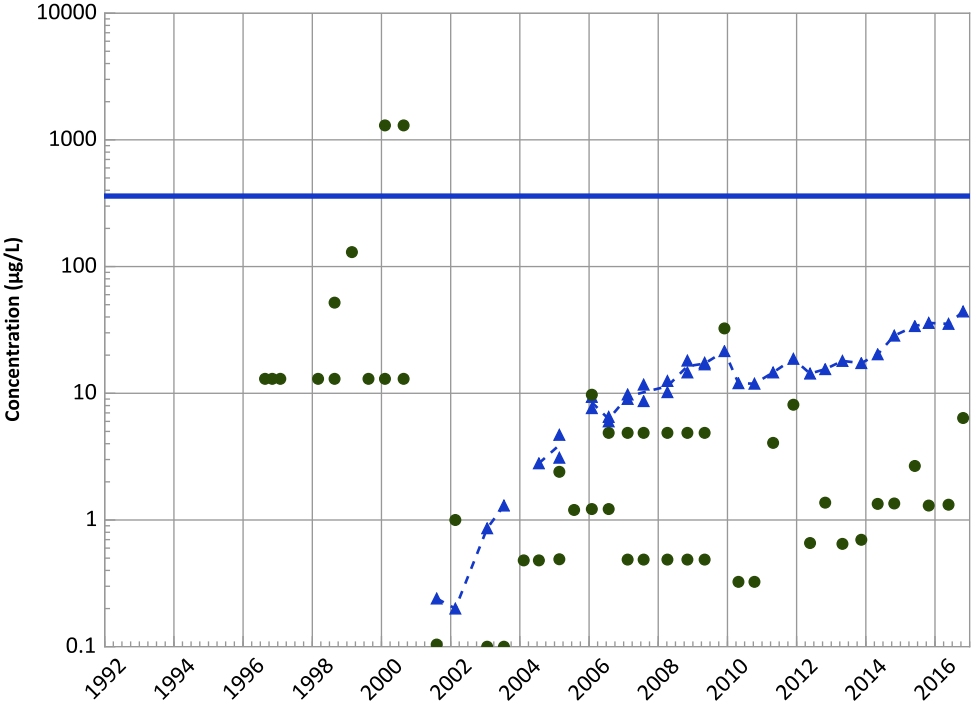


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

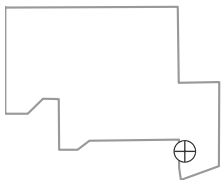
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 10/24/2016
Analysis Date: 03/07/2017

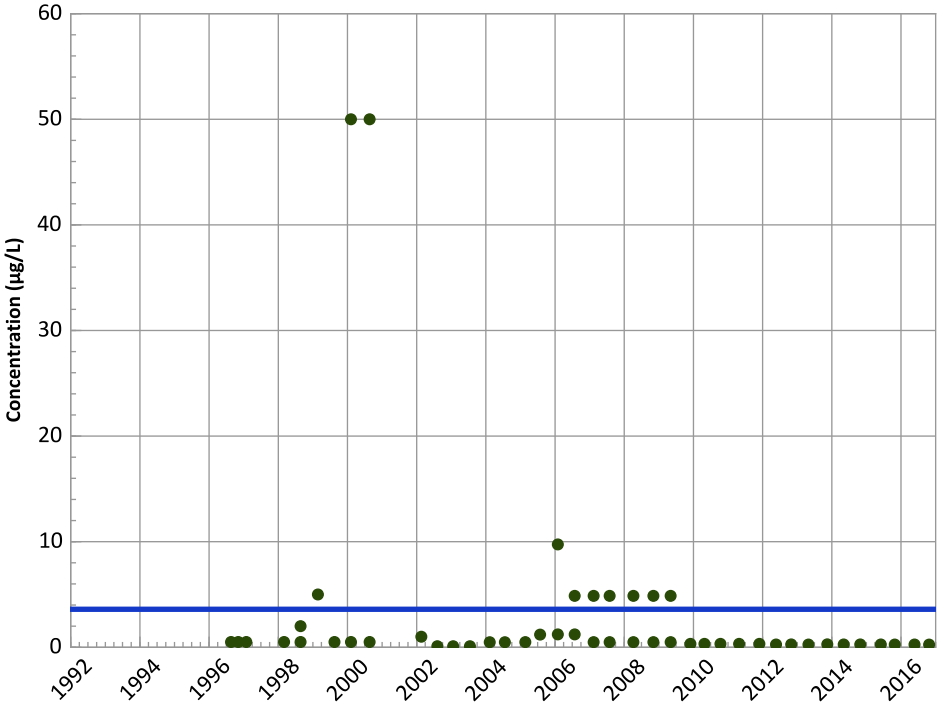
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

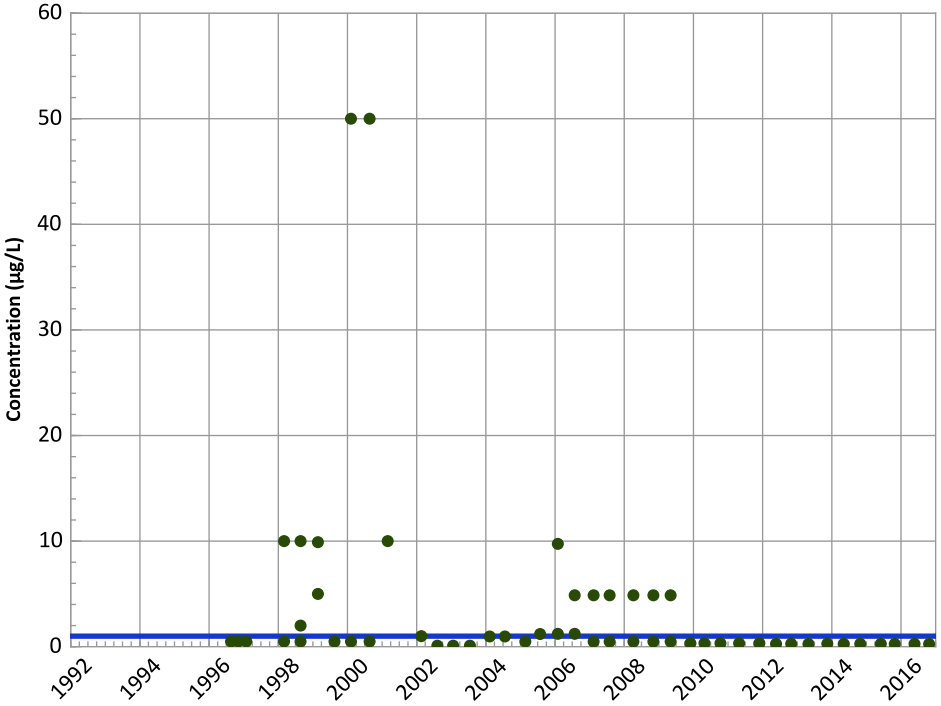


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

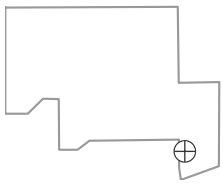
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 10/24/2016
Analysis Date: 03/07/2017

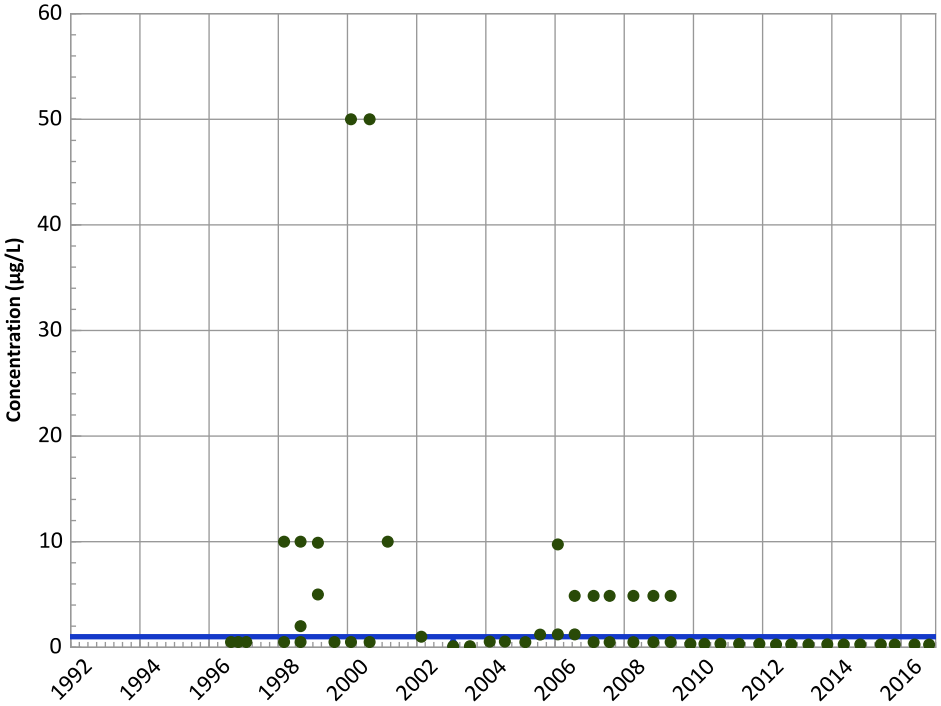
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

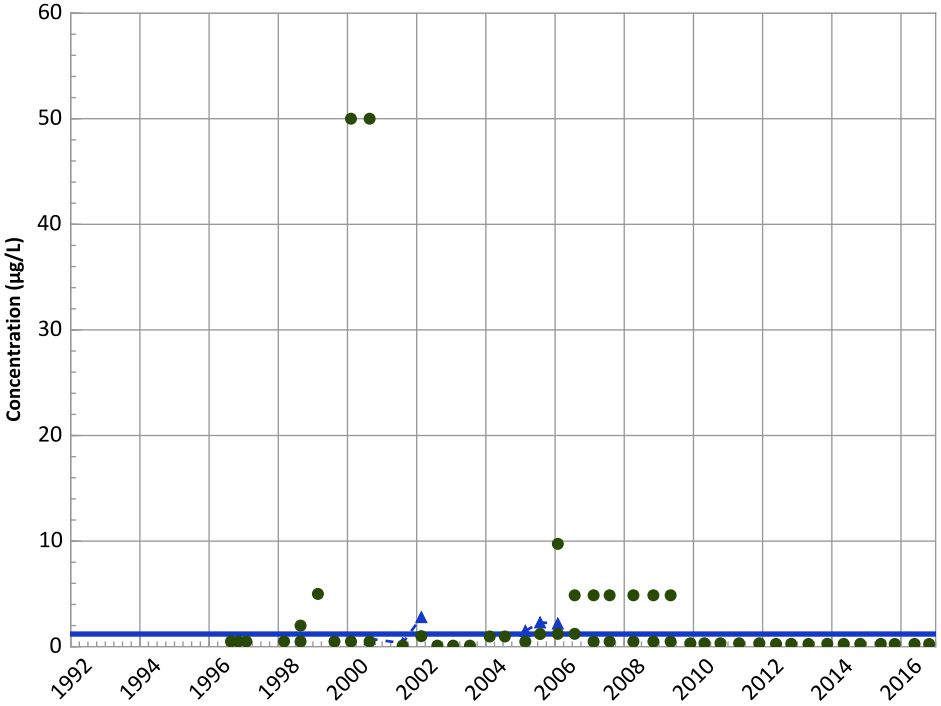


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

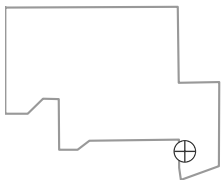
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 10/24/2016
Analysis Date: 03/07/2017

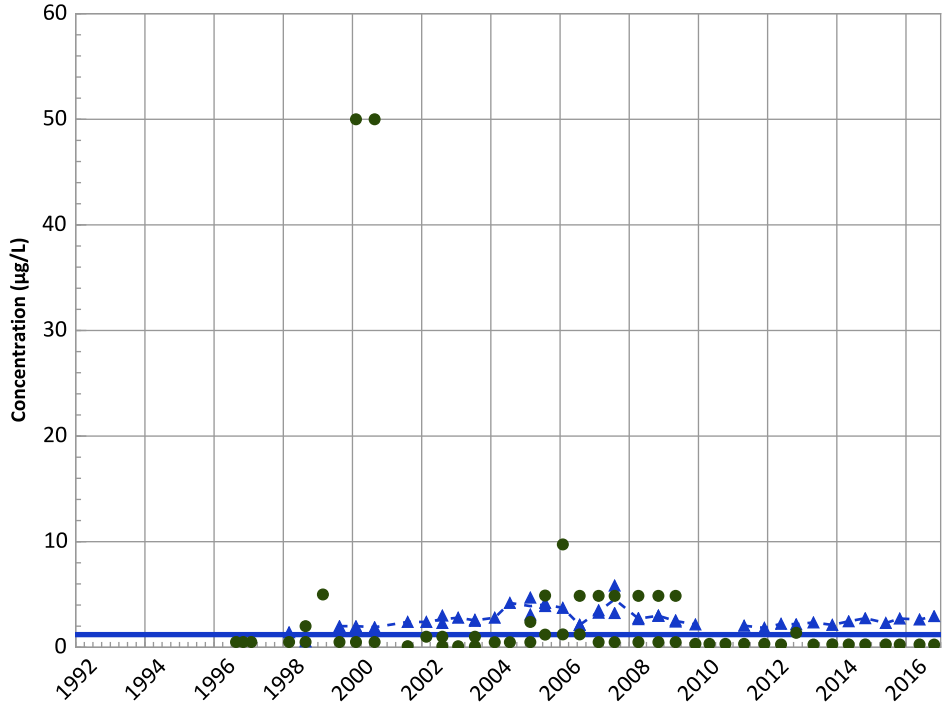
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

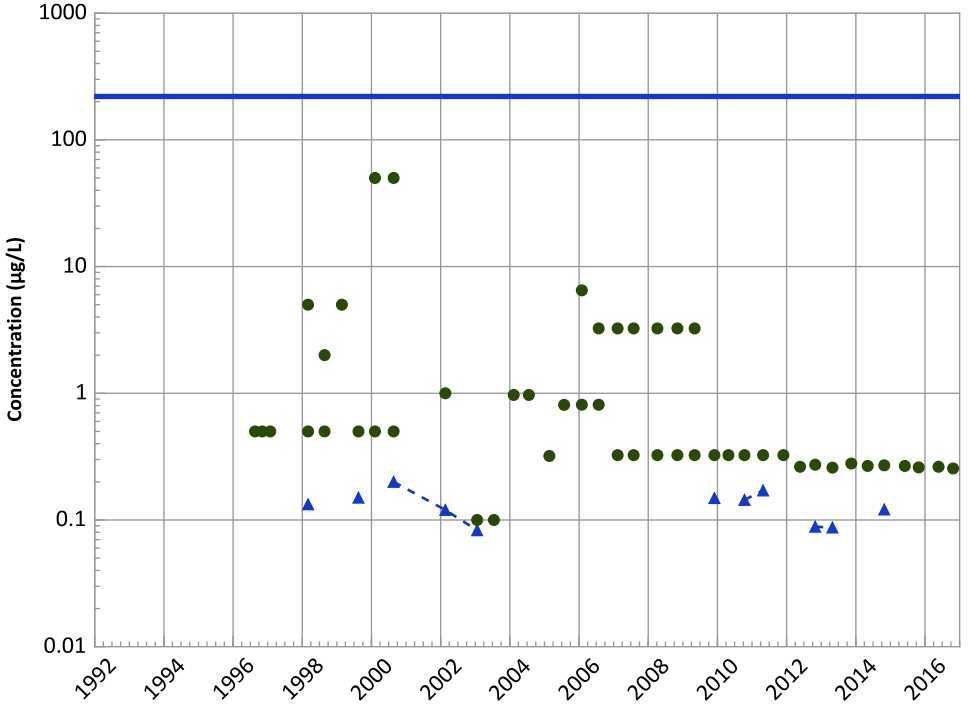


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Probably Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

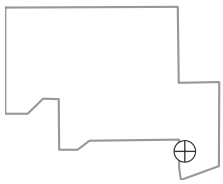
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 10/24/2016
Analysis Date: 03/07/2017

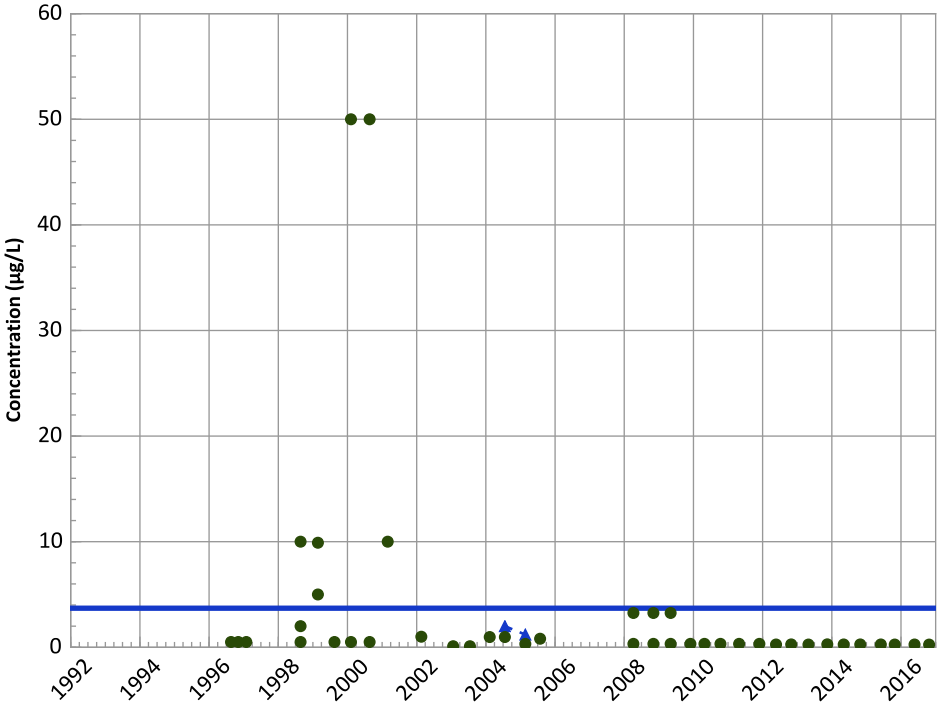
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

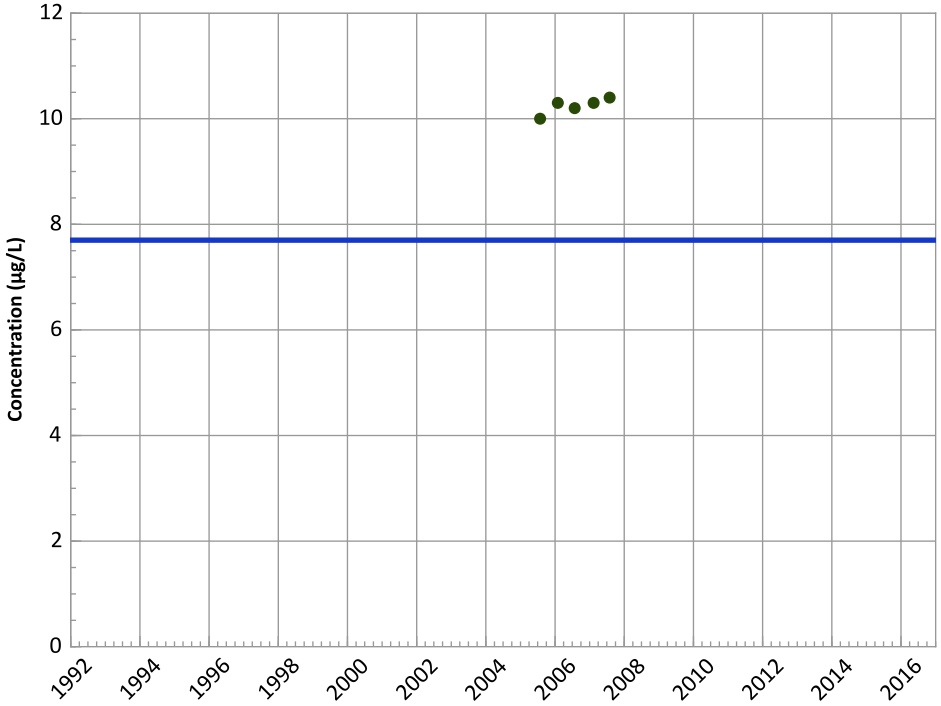


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

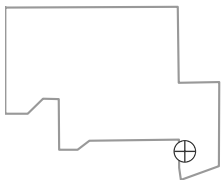
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 10/24/2016
Analysis Date: 03/07/2017

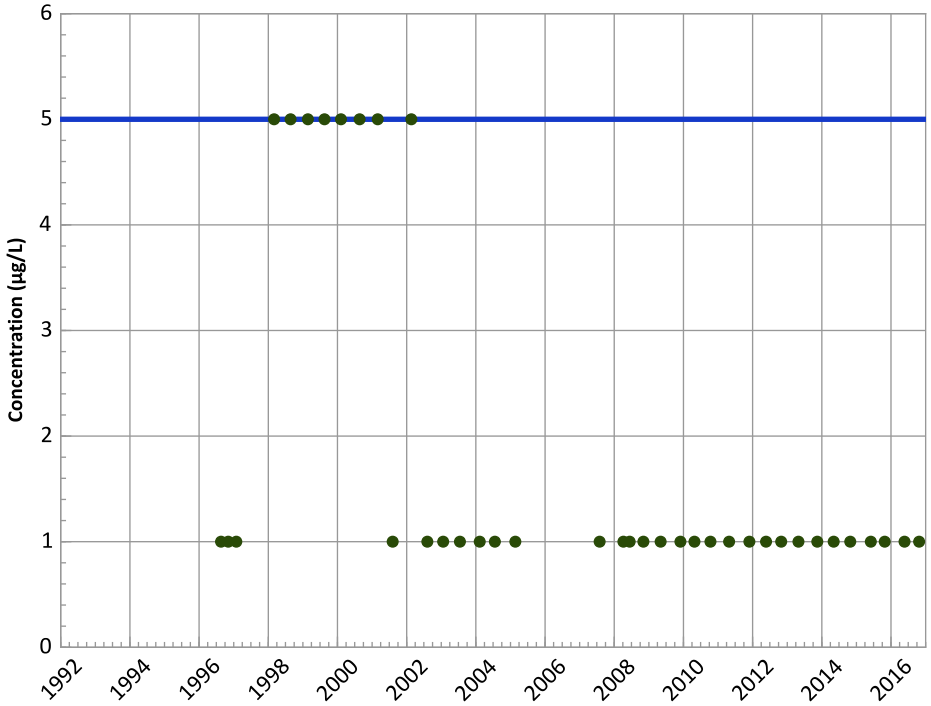
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

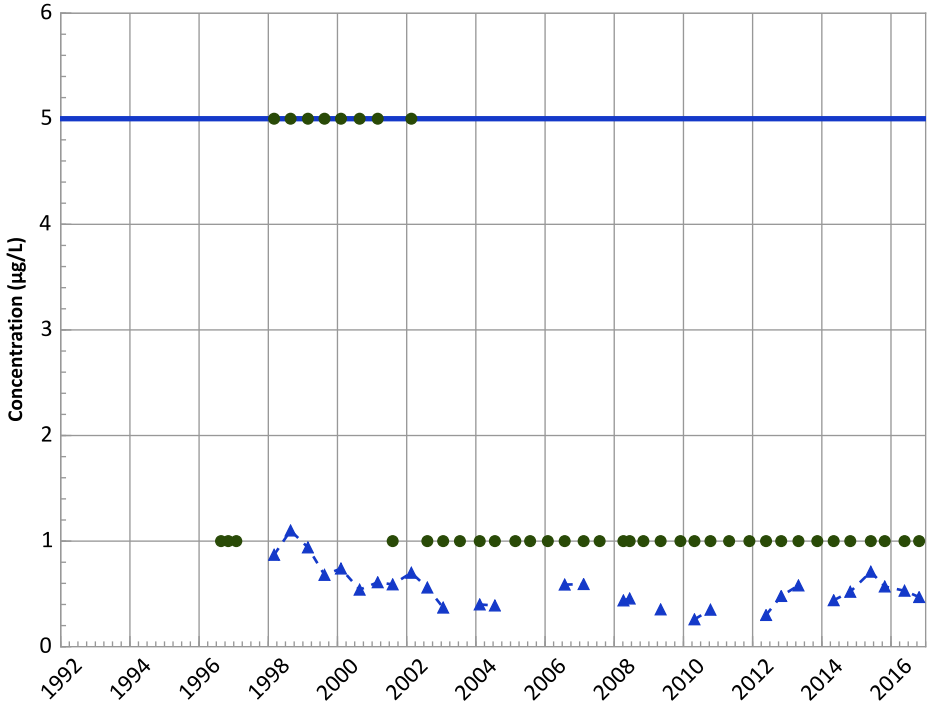


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

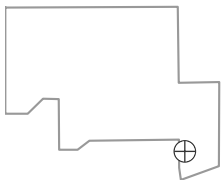
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 10/24/2016
Analysis Date: 03/07/2017

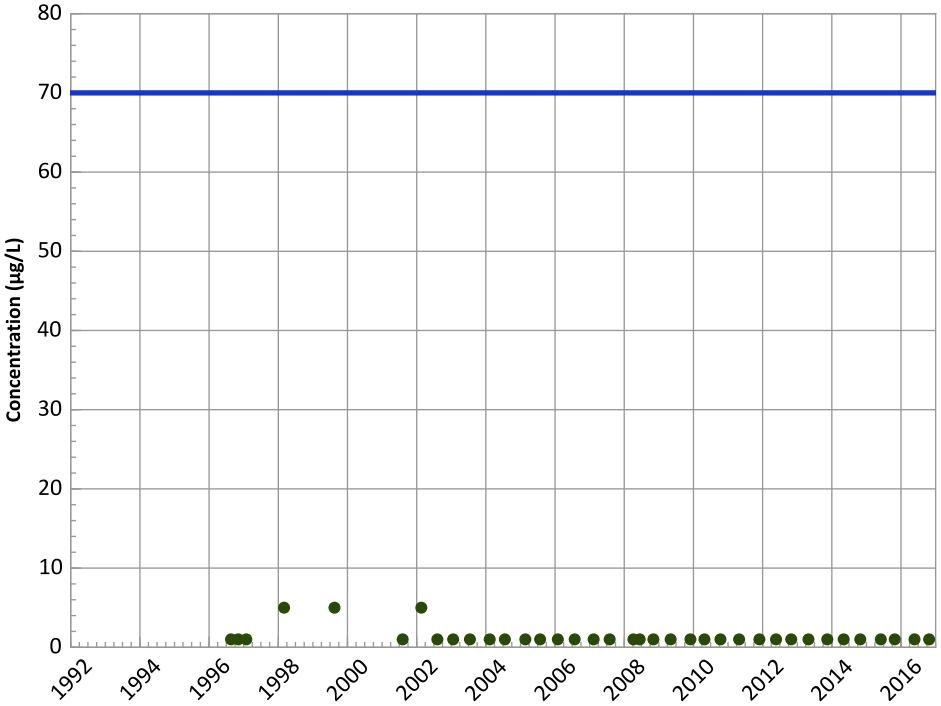
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

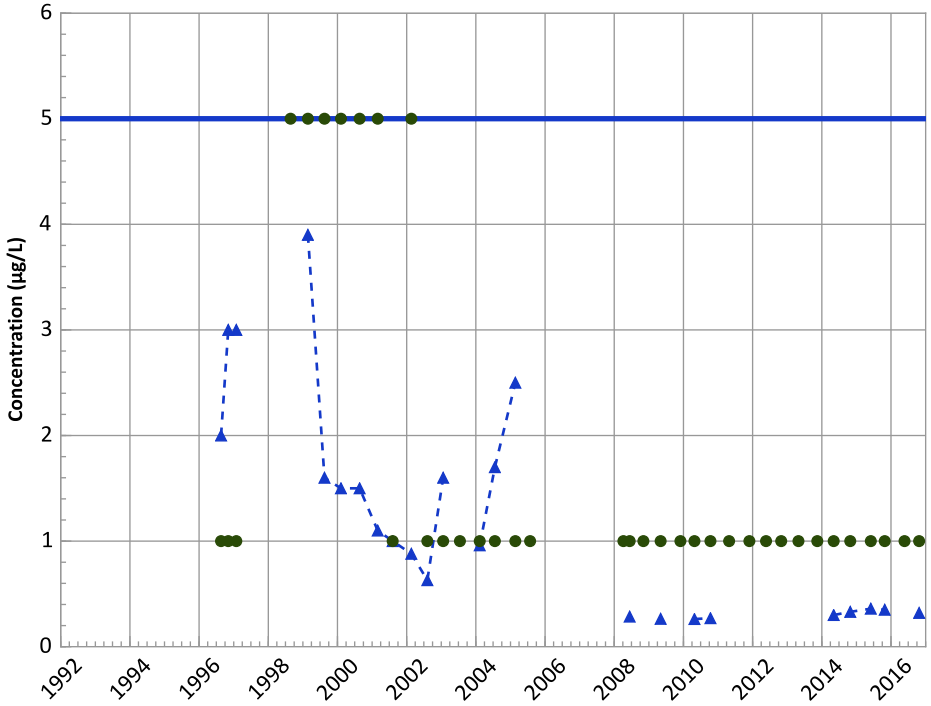


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

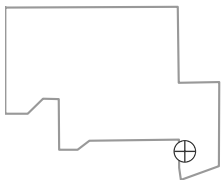
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 10/24/2016
Analysis Date: 03/07/2017

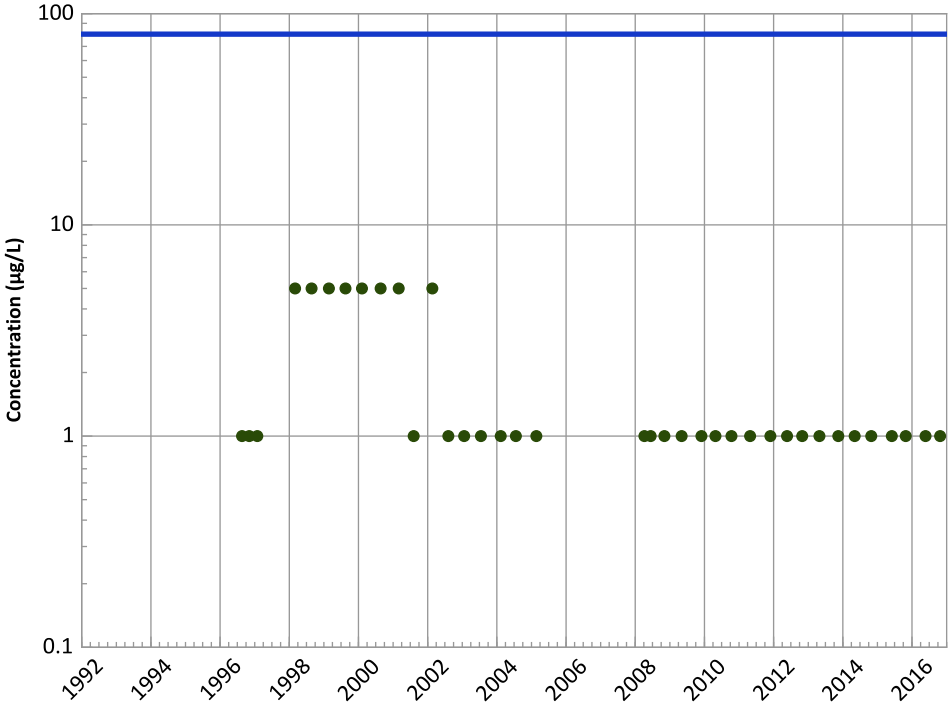
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

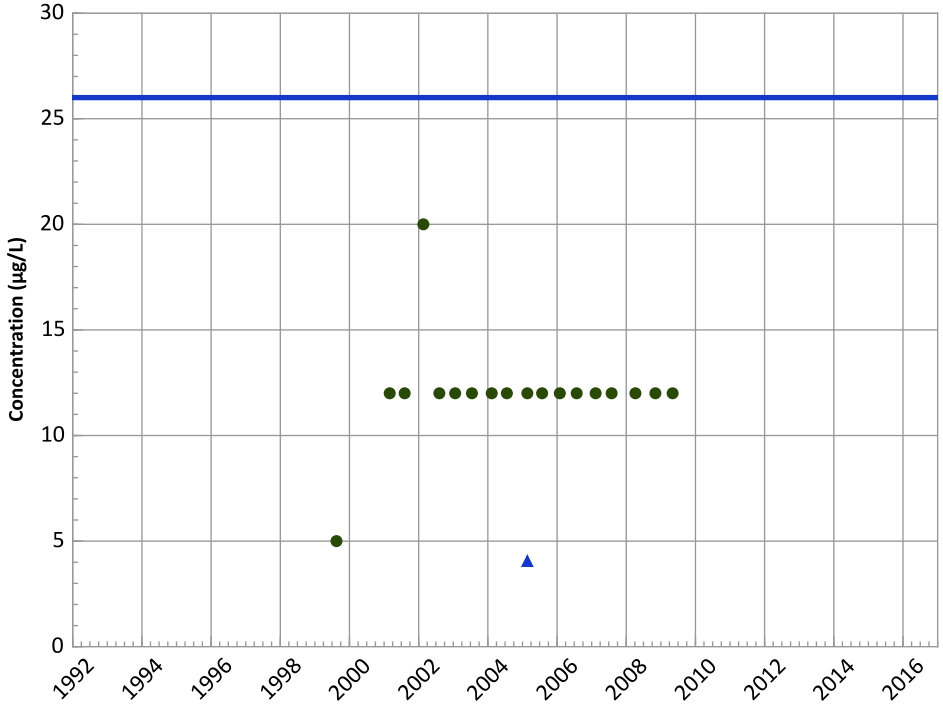


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

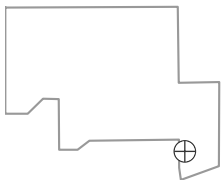
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 10/24/2016
Analysis Date: 03/07/2017

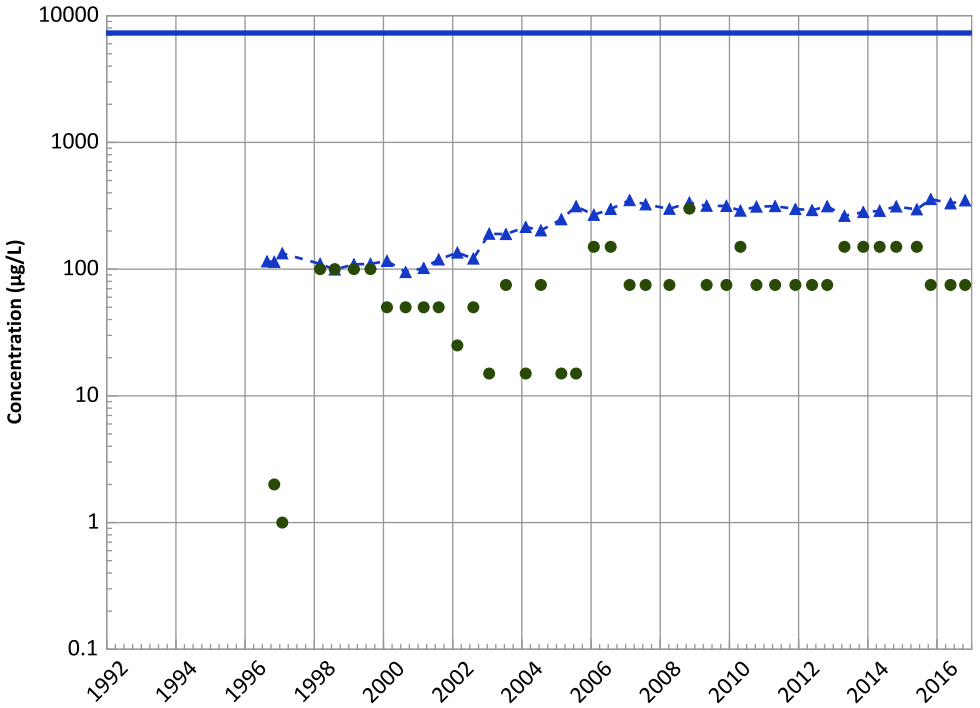
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

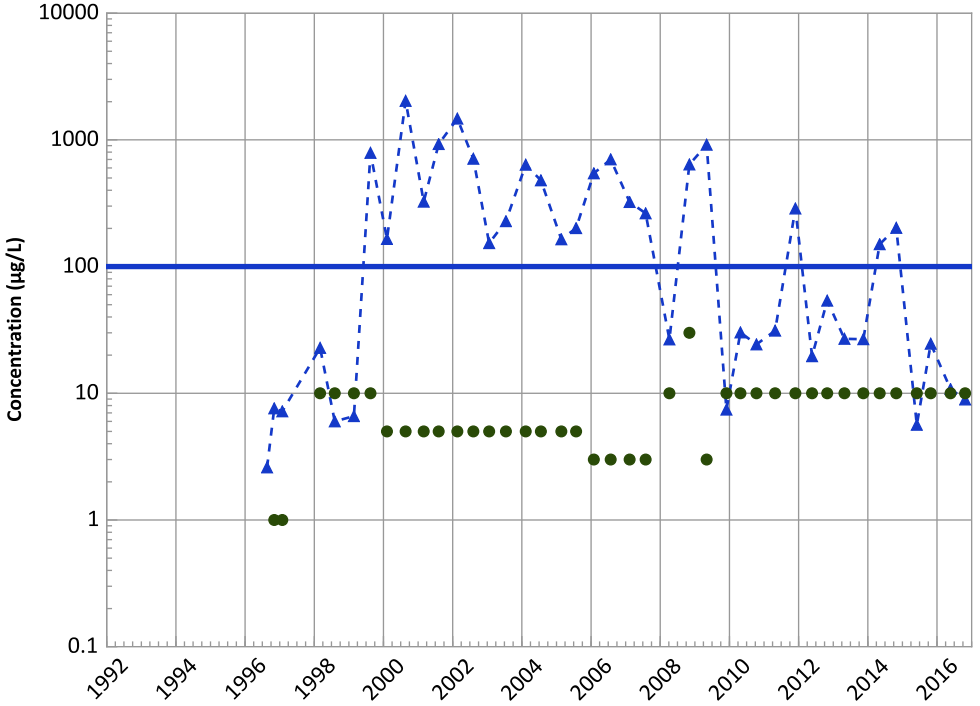


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

Chromium, Total Trend



Concentration Trend

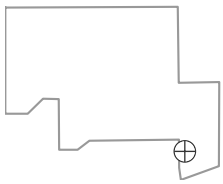
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 10/24/2016
Analysis Date: 03/07/2017

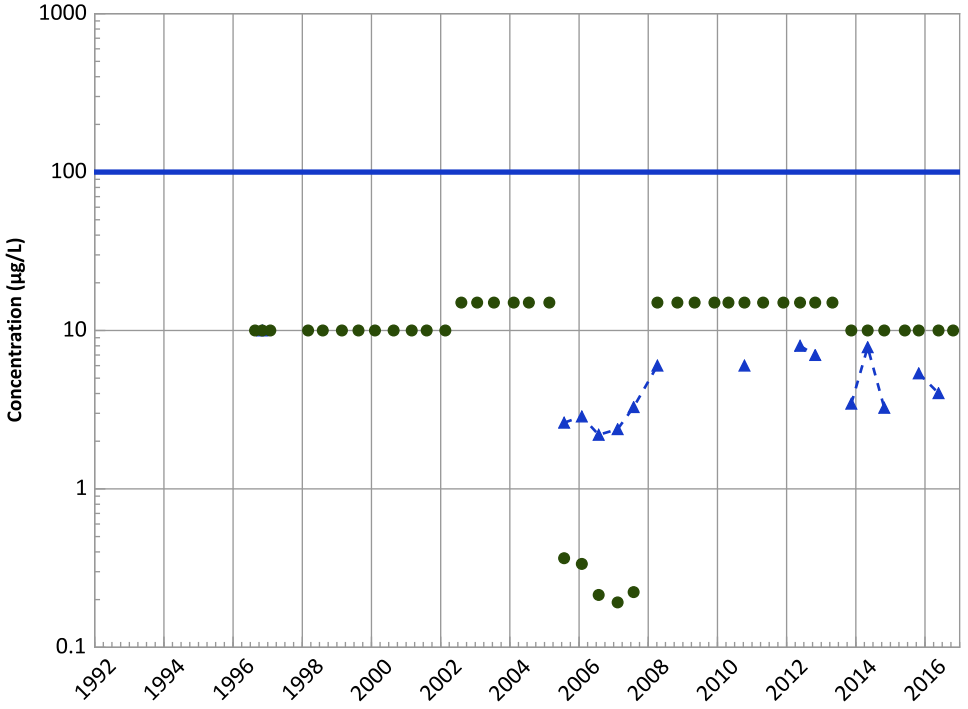
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

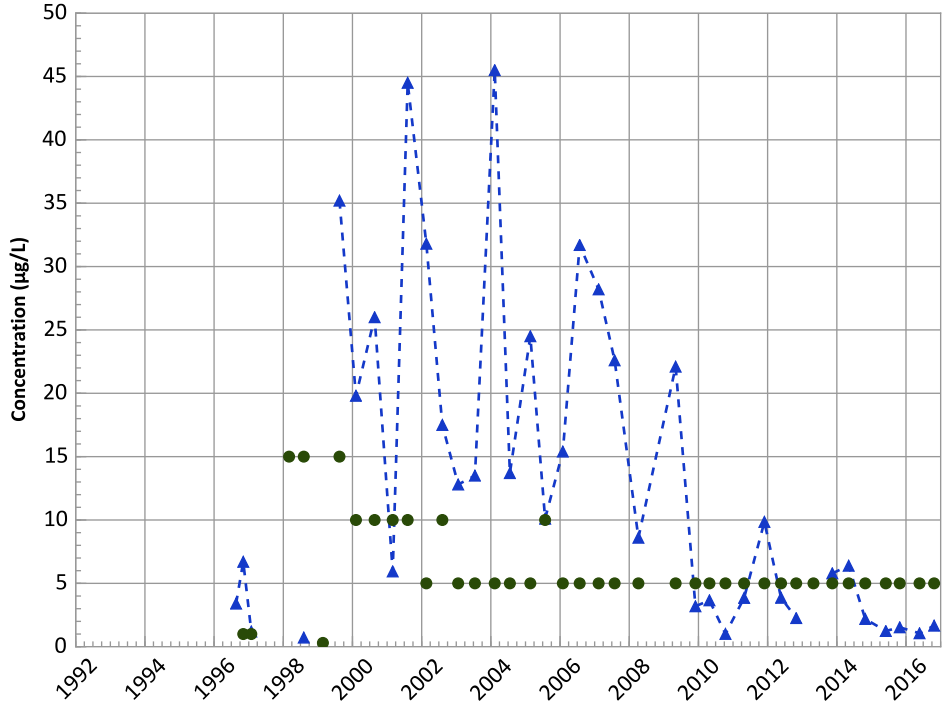


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Manganese Trend



Concentration Trend

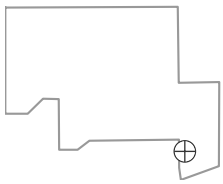
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 10/24/2016
Analysis Date: 03/07/2017

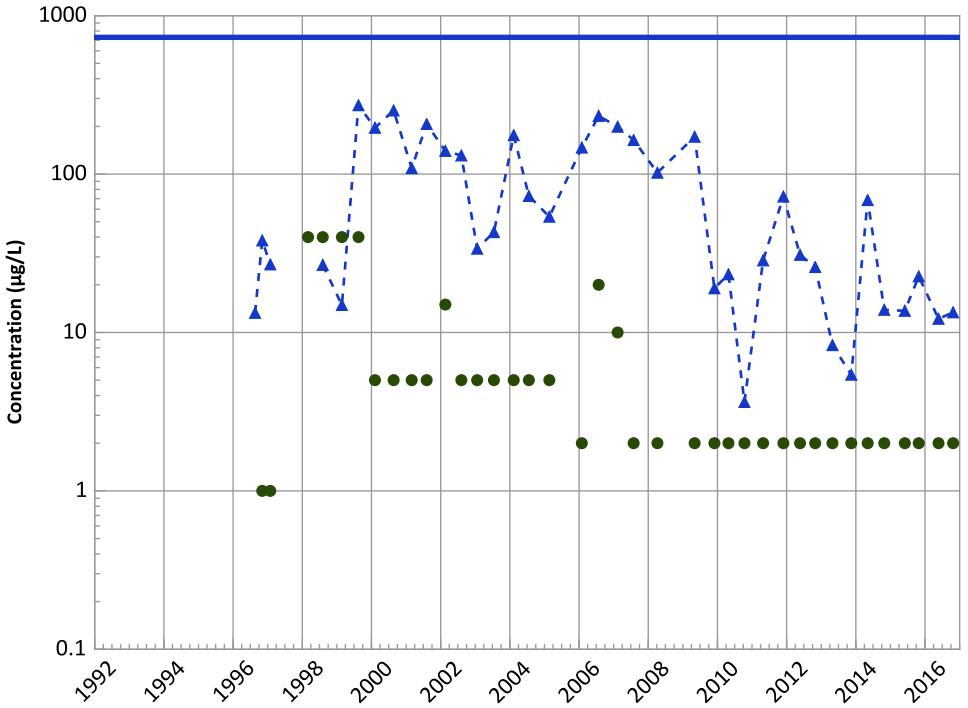
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

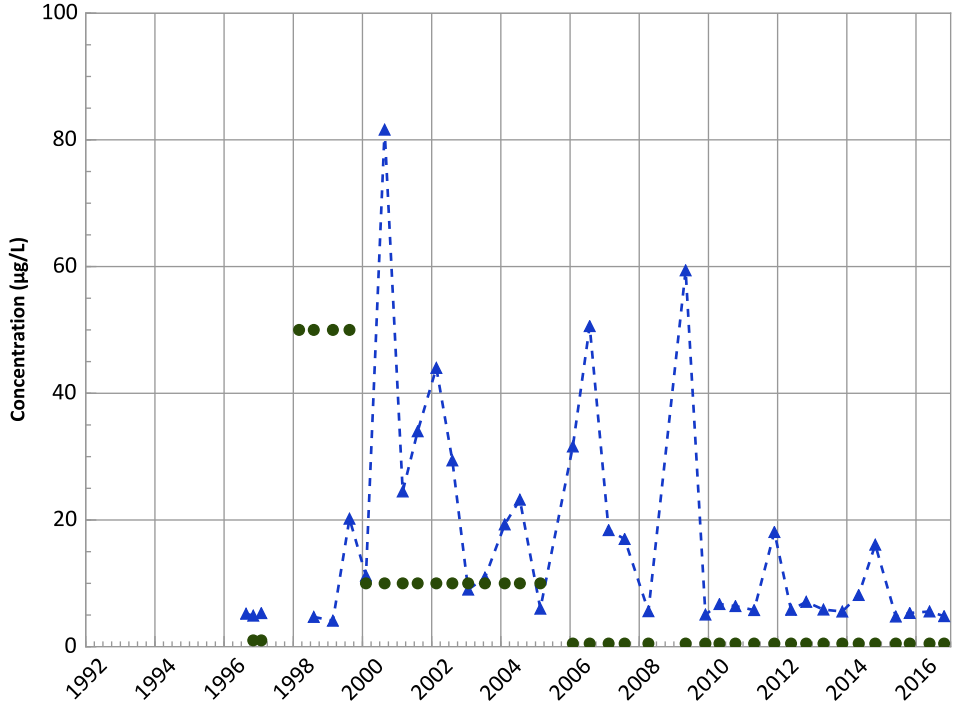


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Molybdenum Trend



Concentration Trend

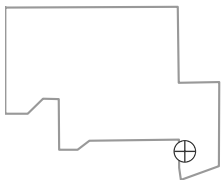
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 10/24/2016
Analysis Date: 03/07/2017

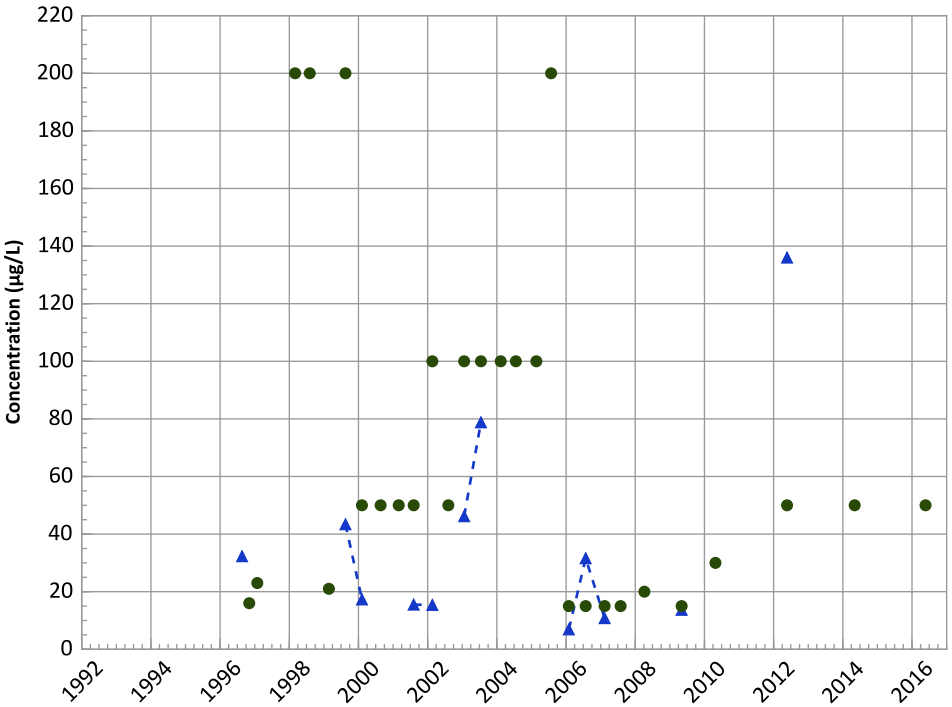
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

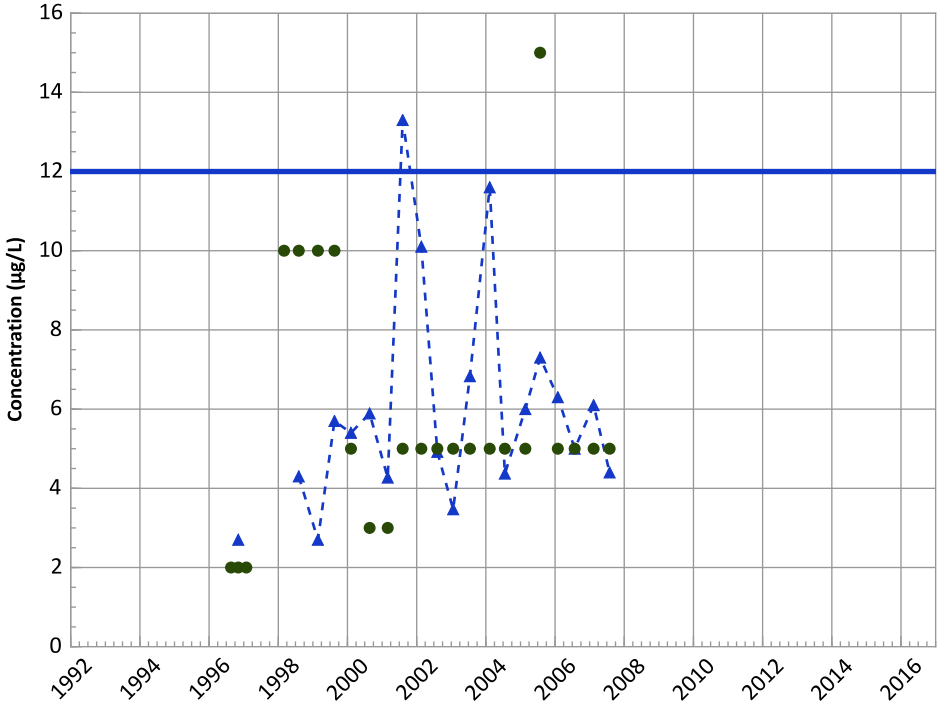


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Arsenic Trend



Concentration Trend

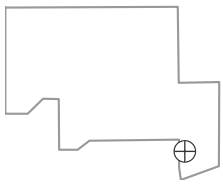
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 10/24/2016
Analysis Date: 03/07/2017

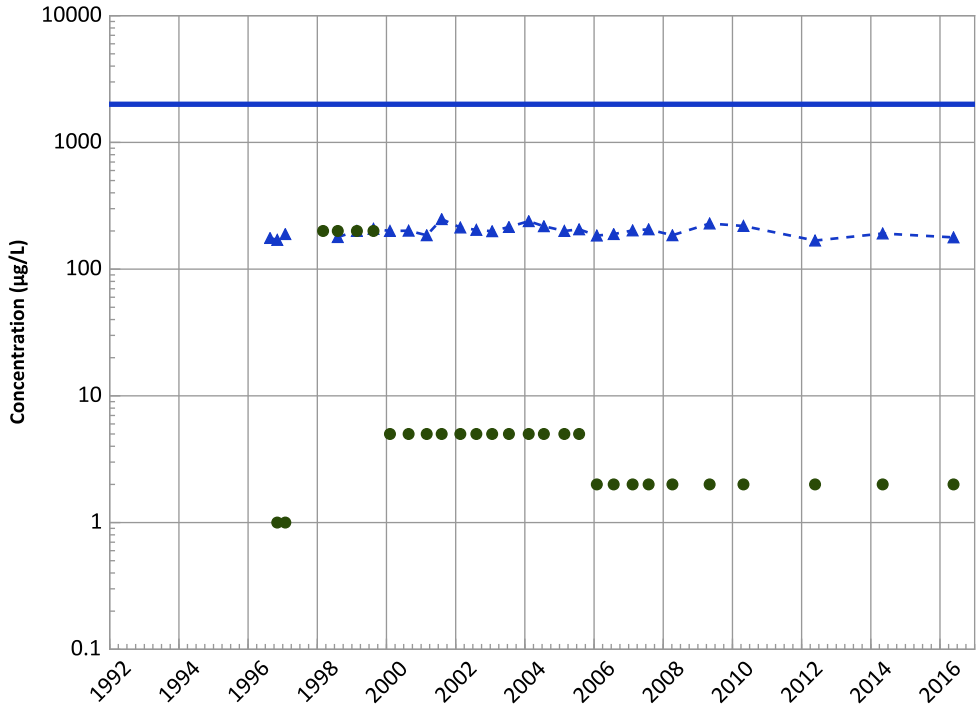
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

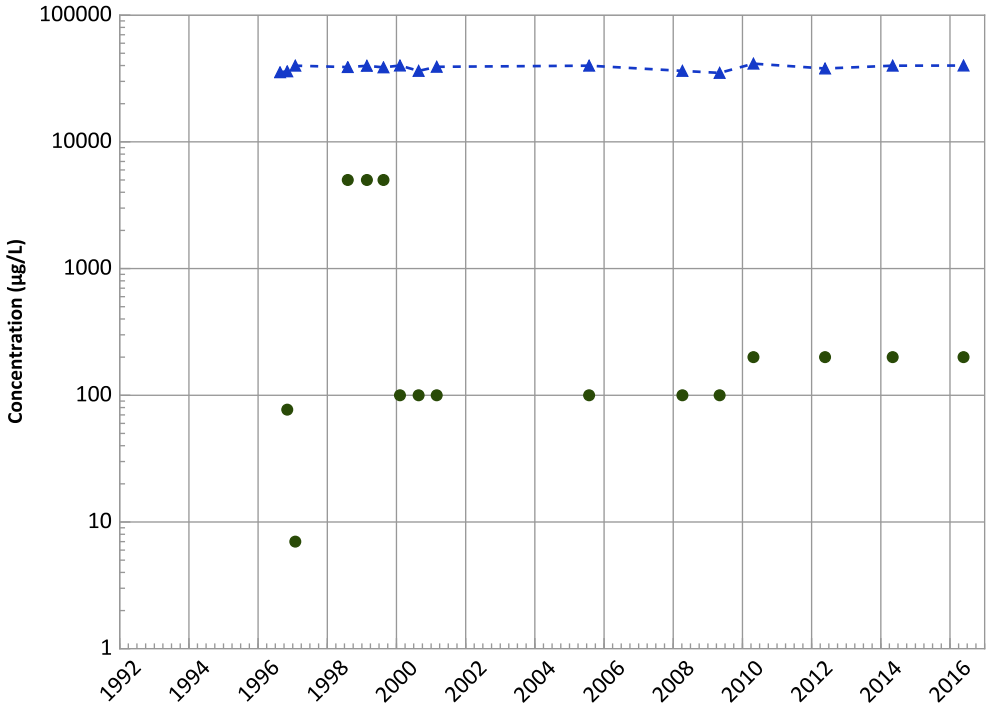


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Calcium Trend



Concentration Trend

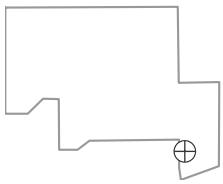
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 10/24/2016
Analysis Date: 03/07/2017

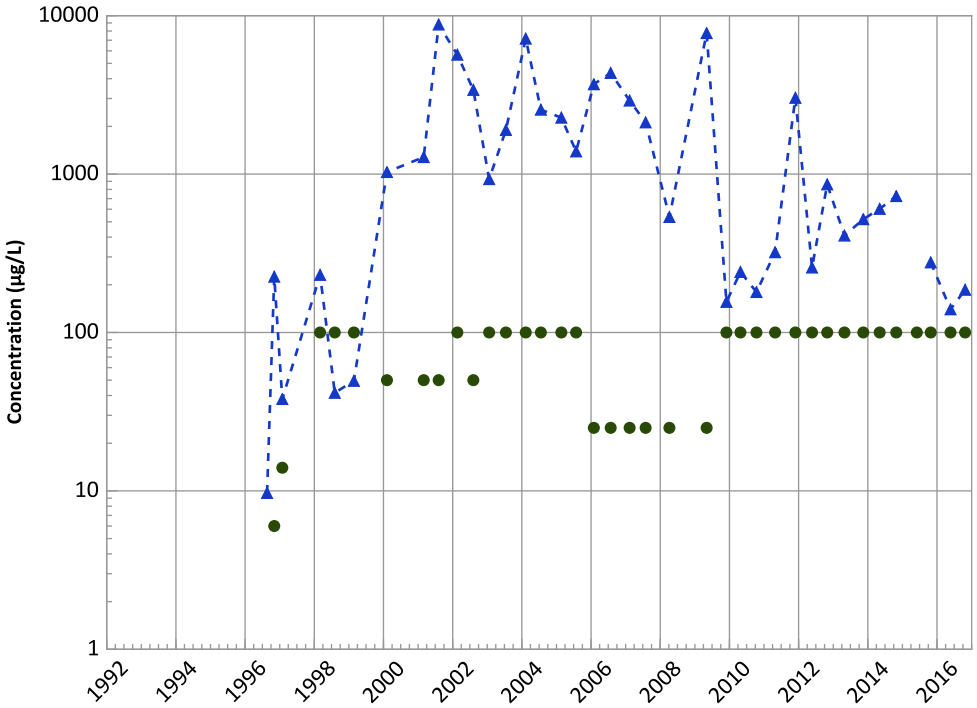
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

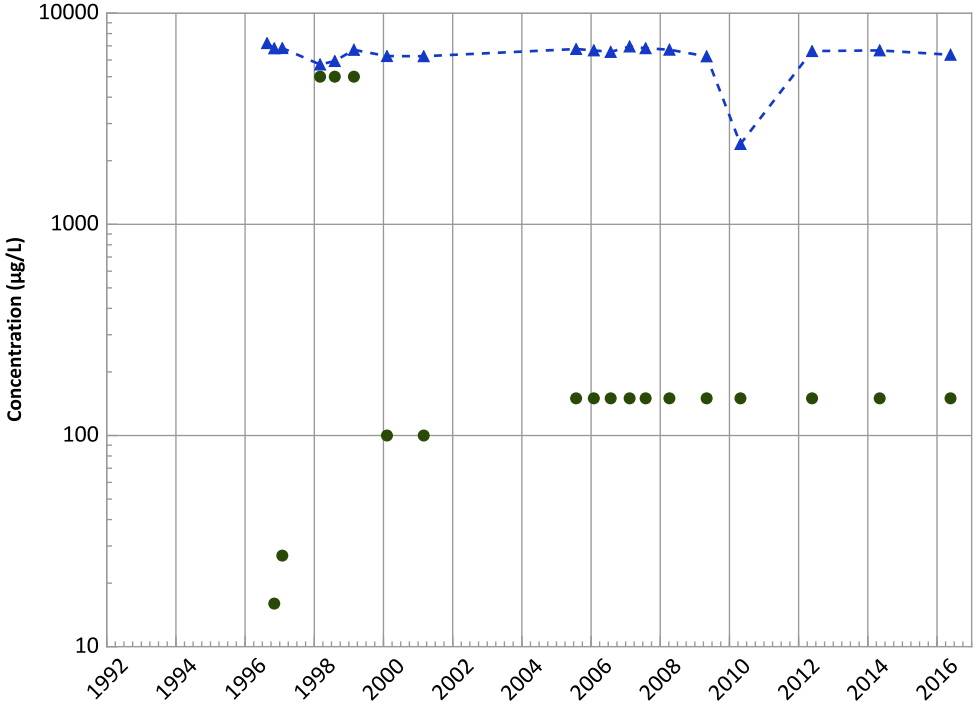


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Potassium Trend



Concentration Trend

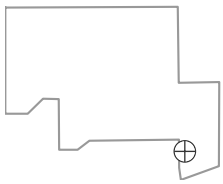
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 10/24/2016
Analysis Date: 03/07/2017

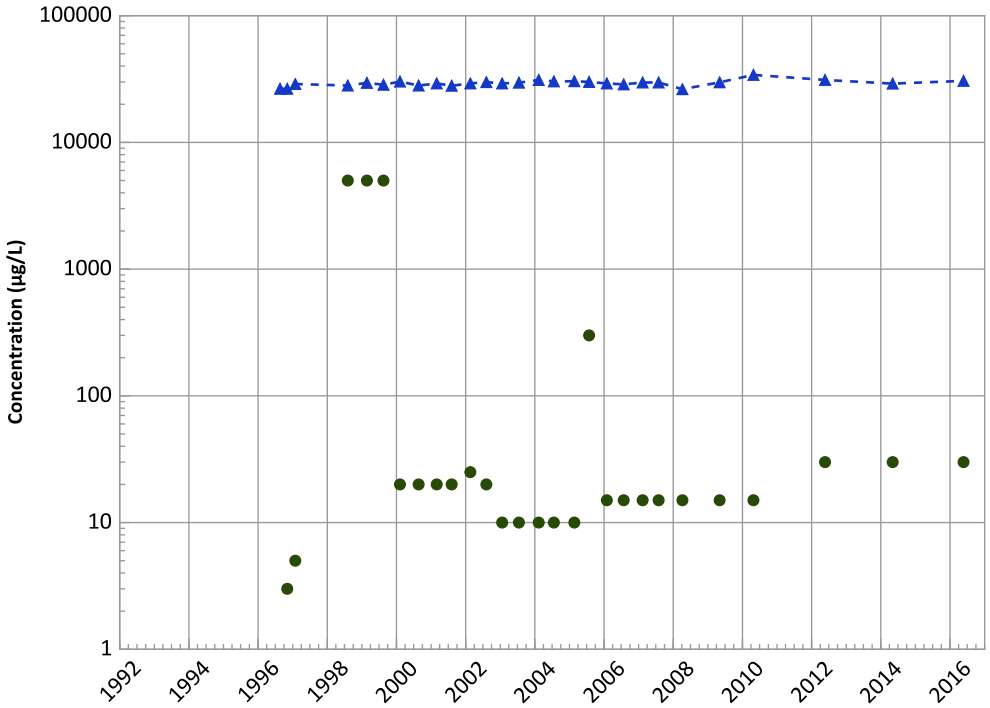
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

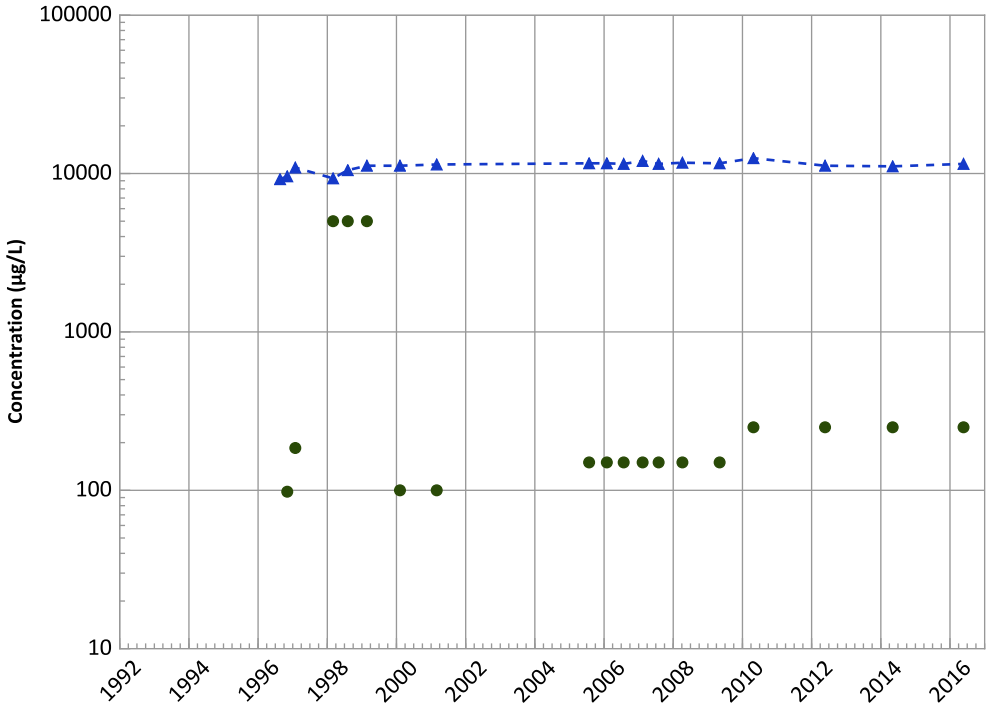


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Sodium Trend



Concentration Trend

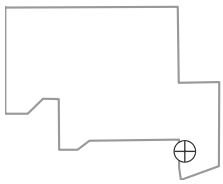
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

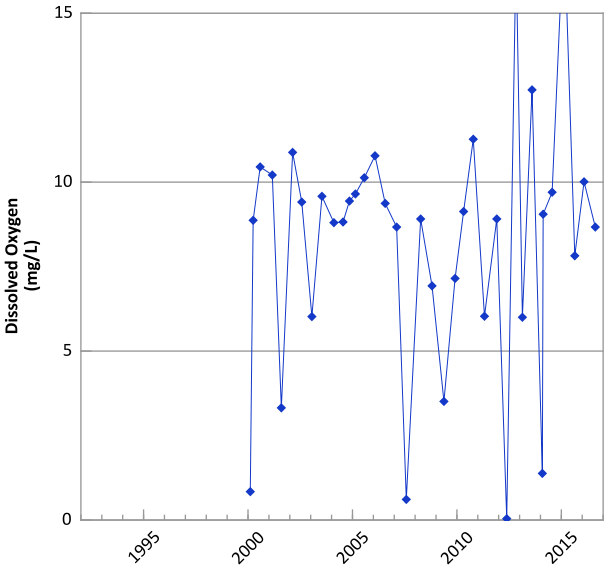
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/1996 to 10/24/2016
Analysis Date: 03/07/2017

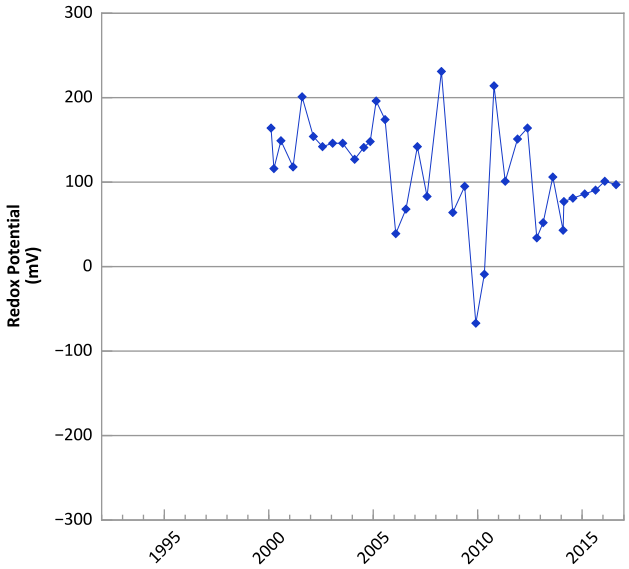
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

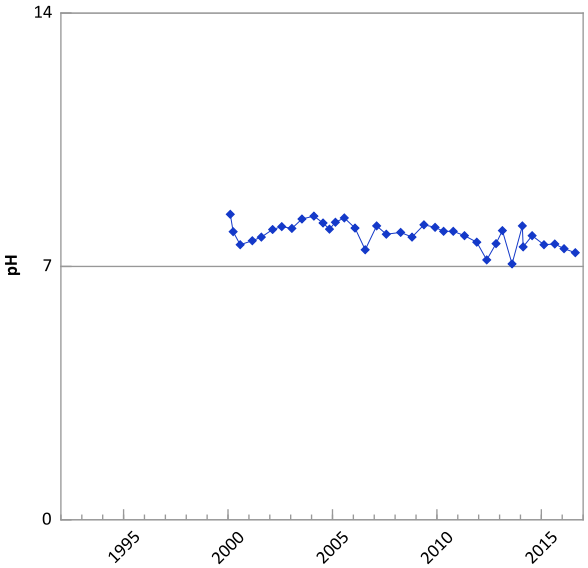
Well Location

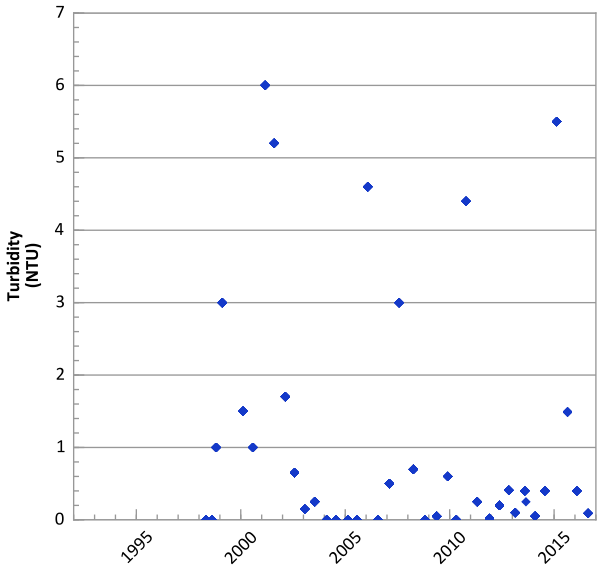


PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



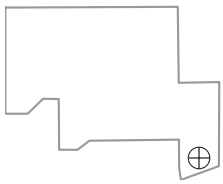






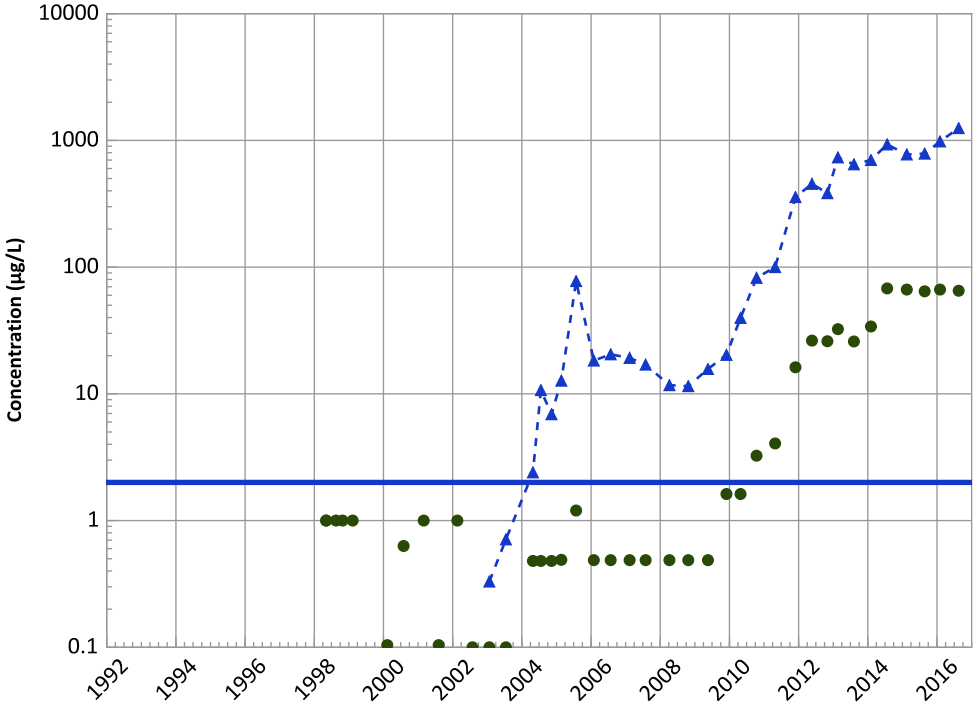
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/26/1998 to 08/17/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

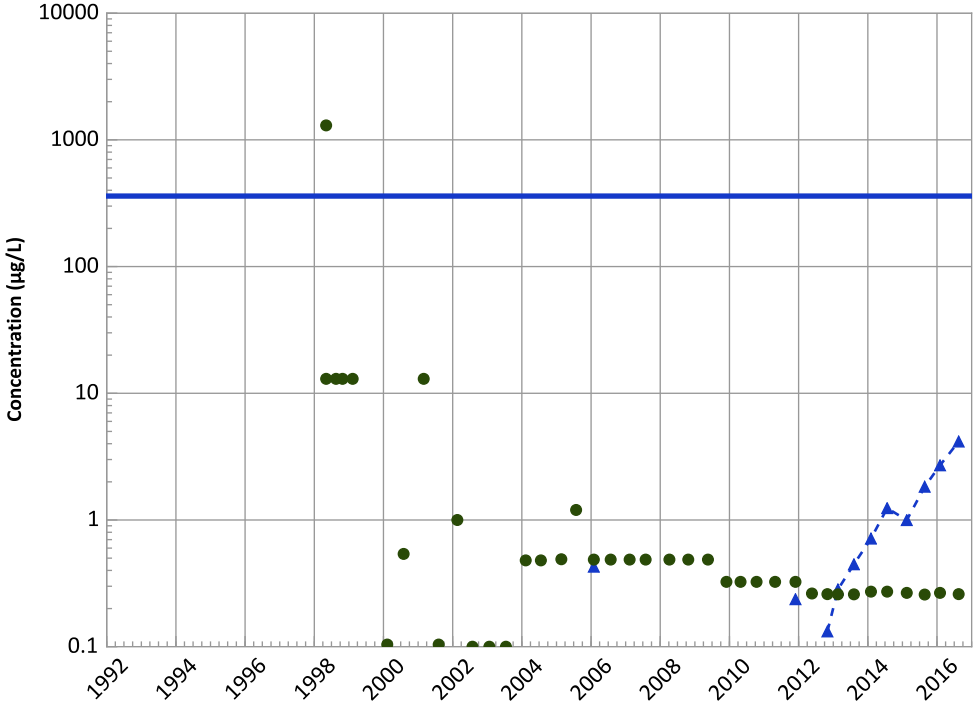


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

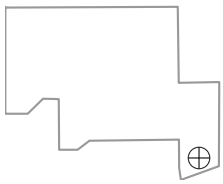
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/26/1998 to 08/17/2016
Analysis Date: 03/07/2017

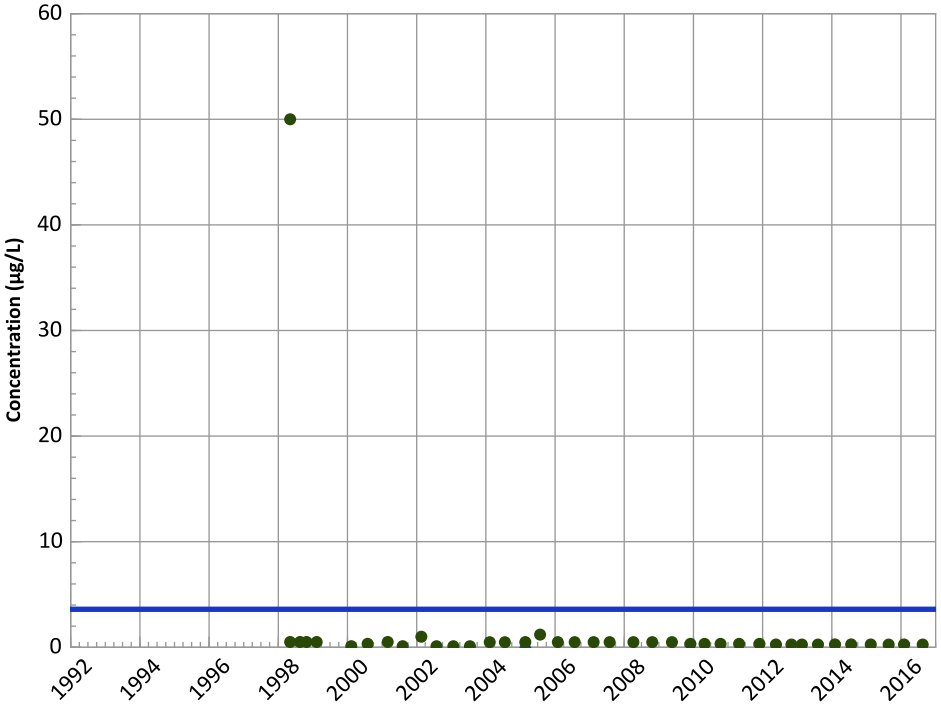
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

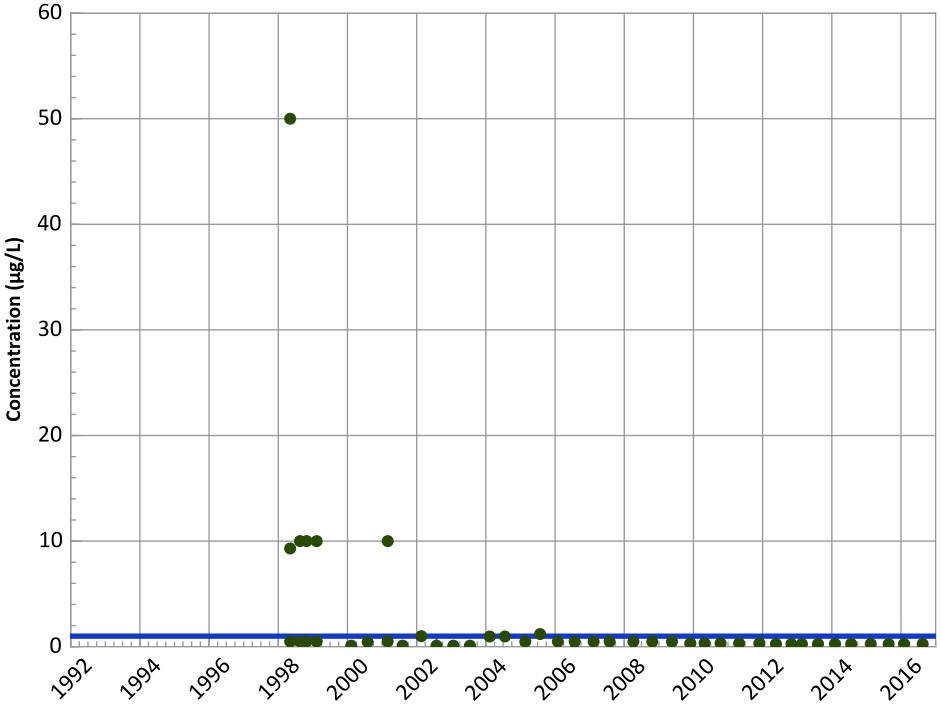


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

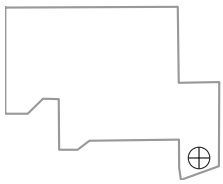
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/26/1998 to 08/17/2016
Analysis Date: 03/07/2017

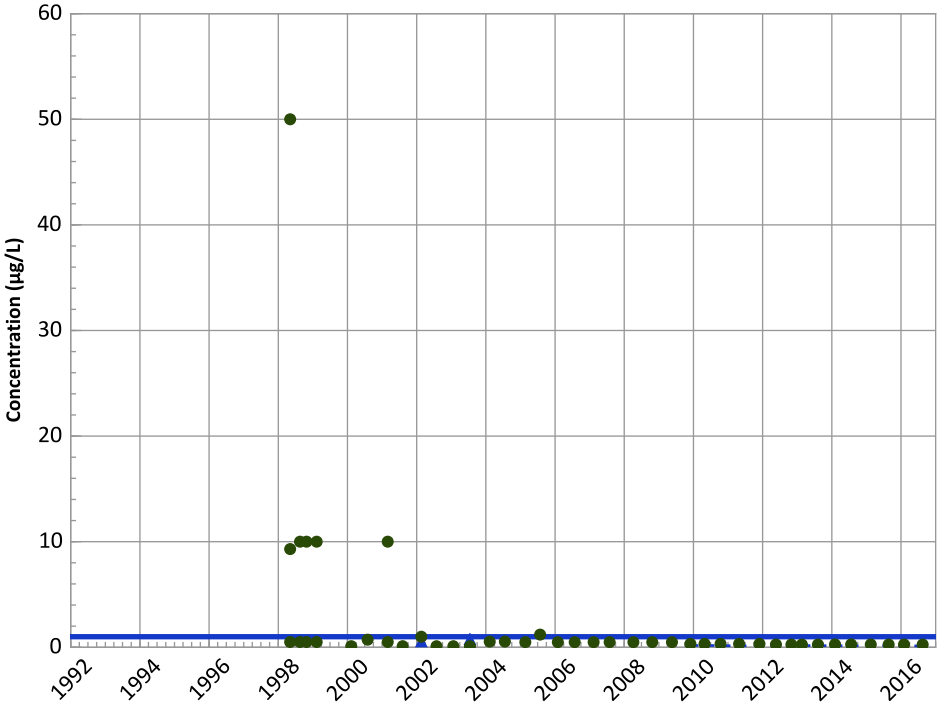
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

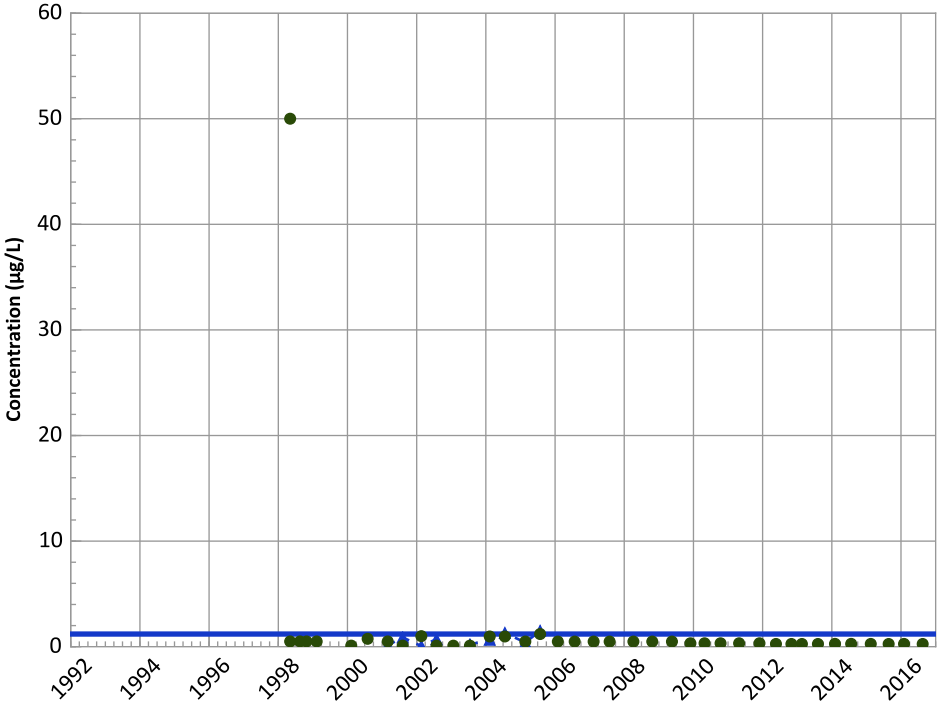


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

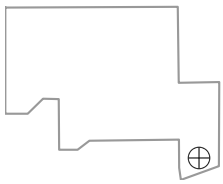
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/26/1998 to 08/17/2016
Analysis Date: 03/07/2017

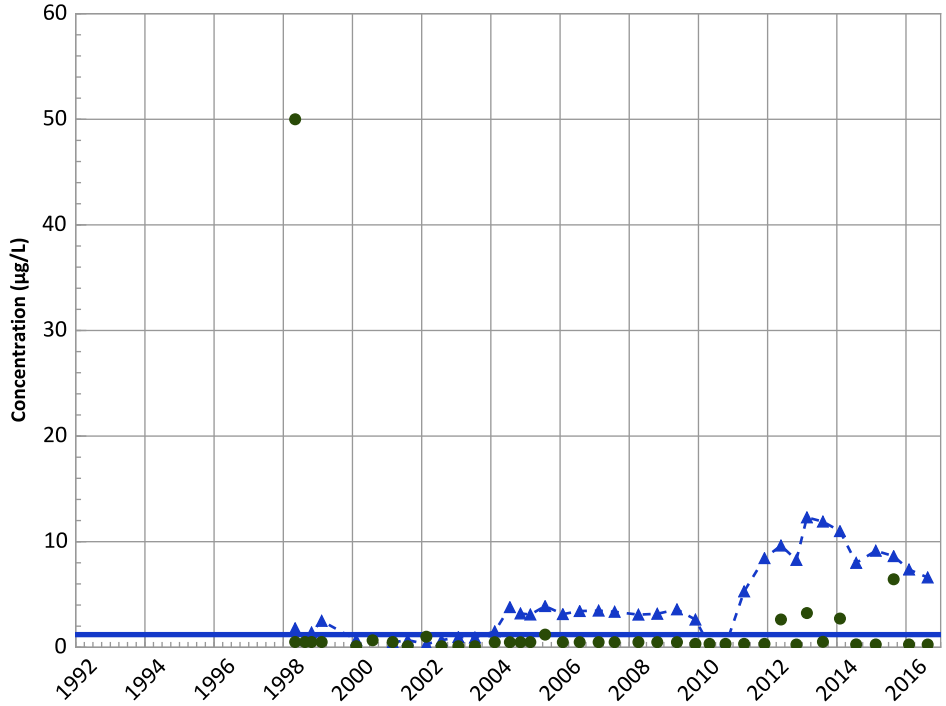
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

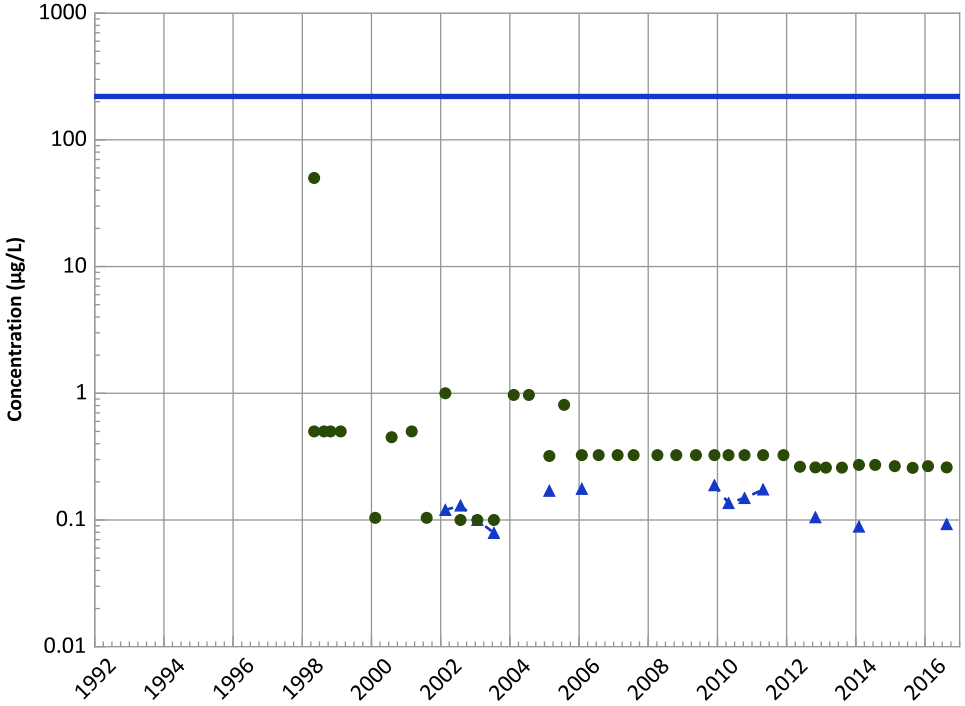


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

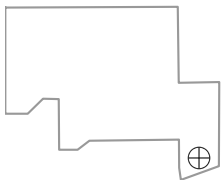
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/26/1998 to 08/17/2016
Analysis Date: 03/07/2017

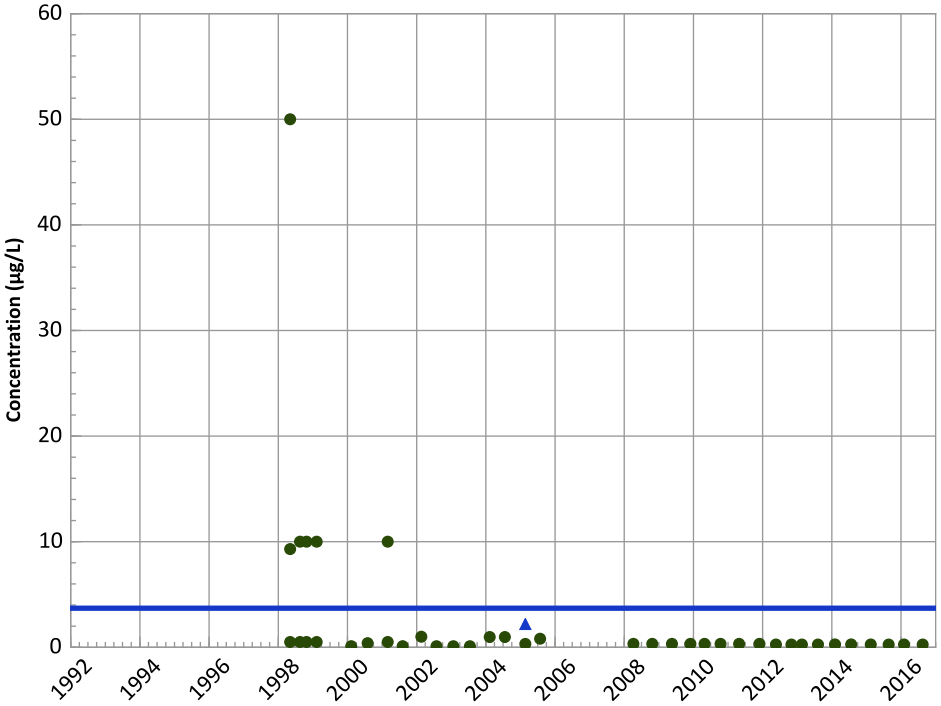
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

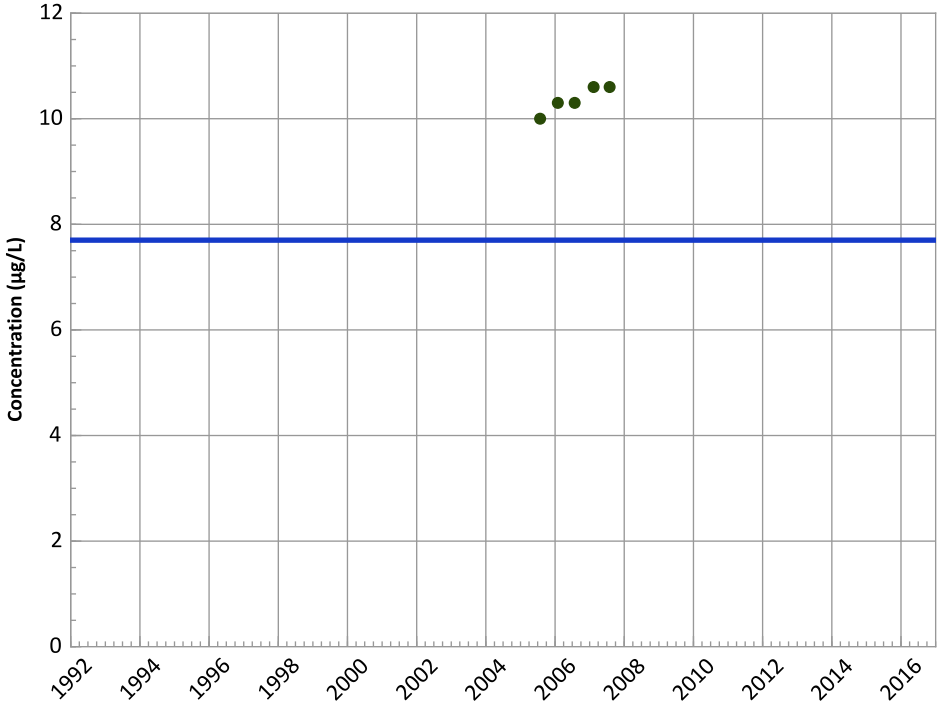


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

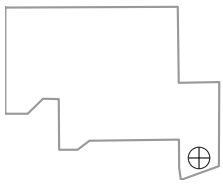
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/26/1998 to 08/17/2016
Analysis Date: 03/07/2017

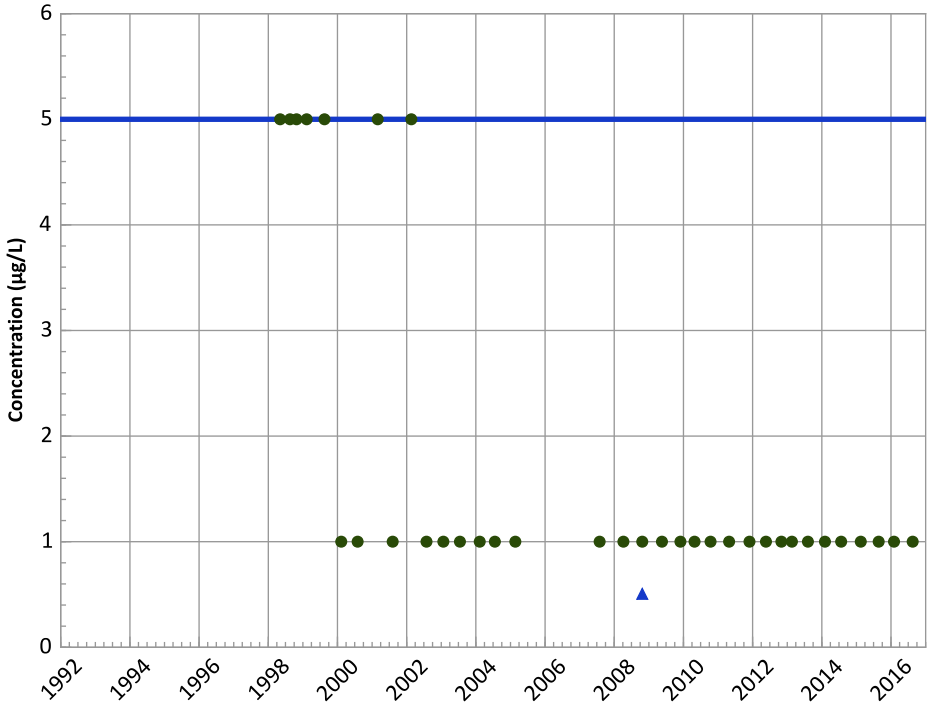
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

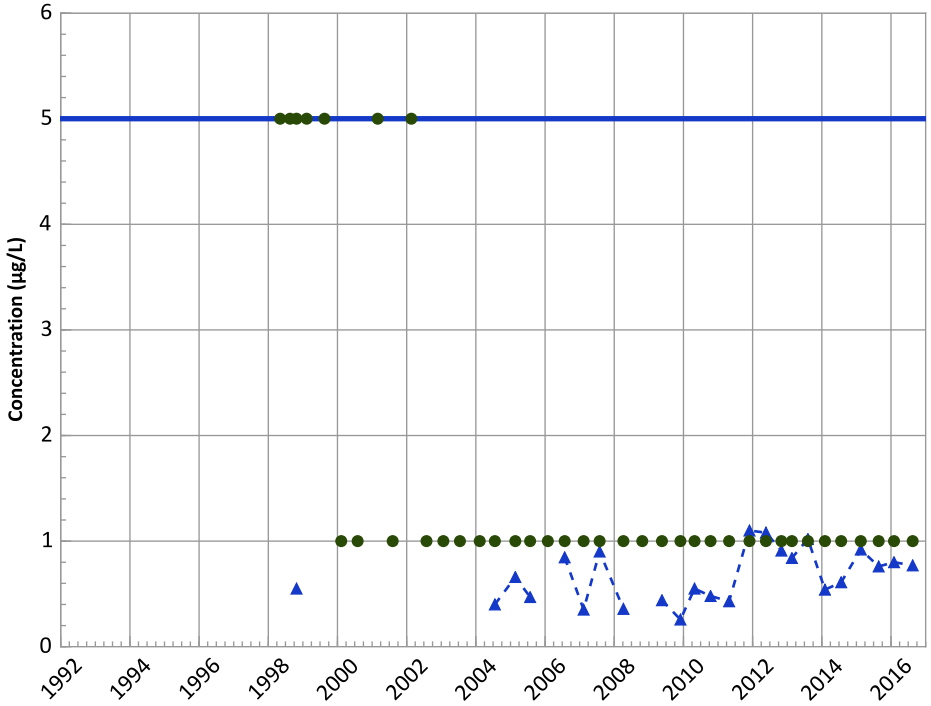


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

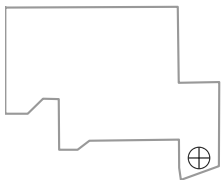
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/26/1998 to 08/17/2016
Analysis Date: 03/07/2017

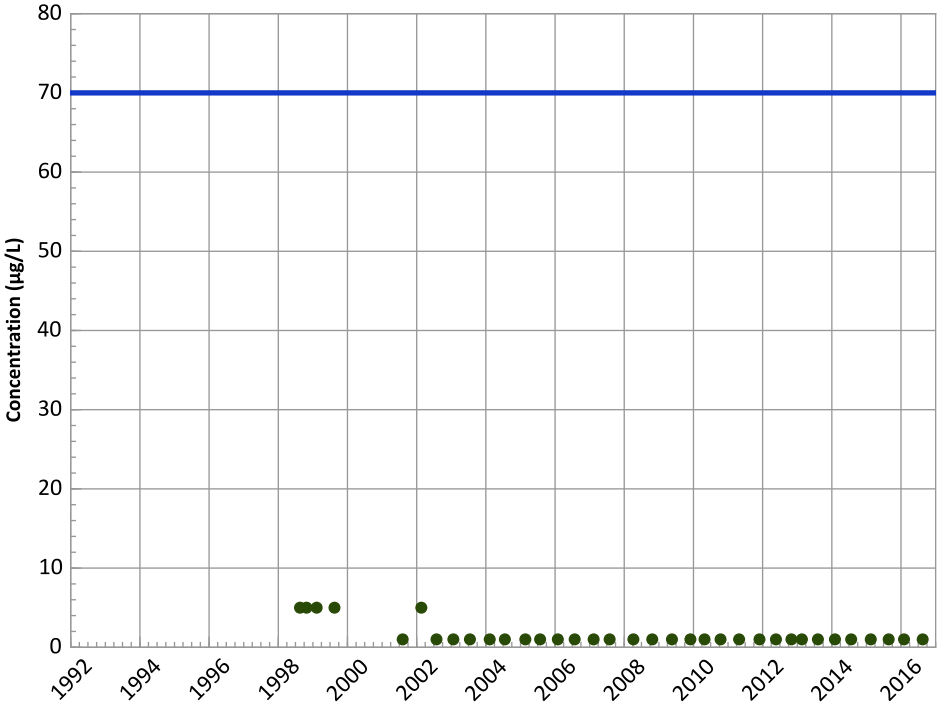
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

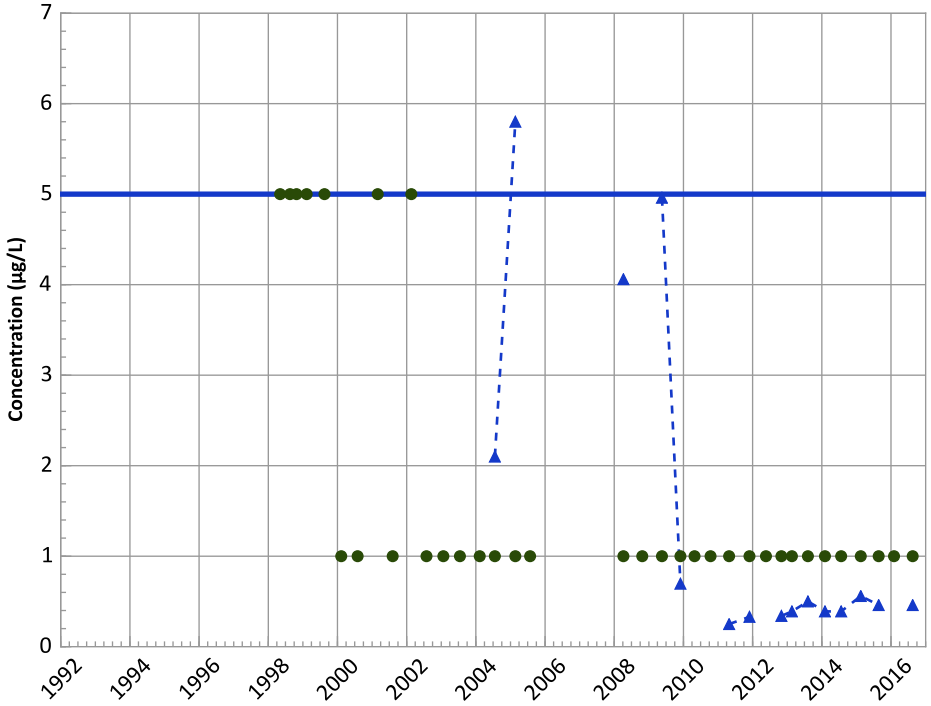


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

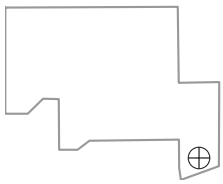
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/26/1998 to 08/17/2016
Analysis Date: 03/07/2017

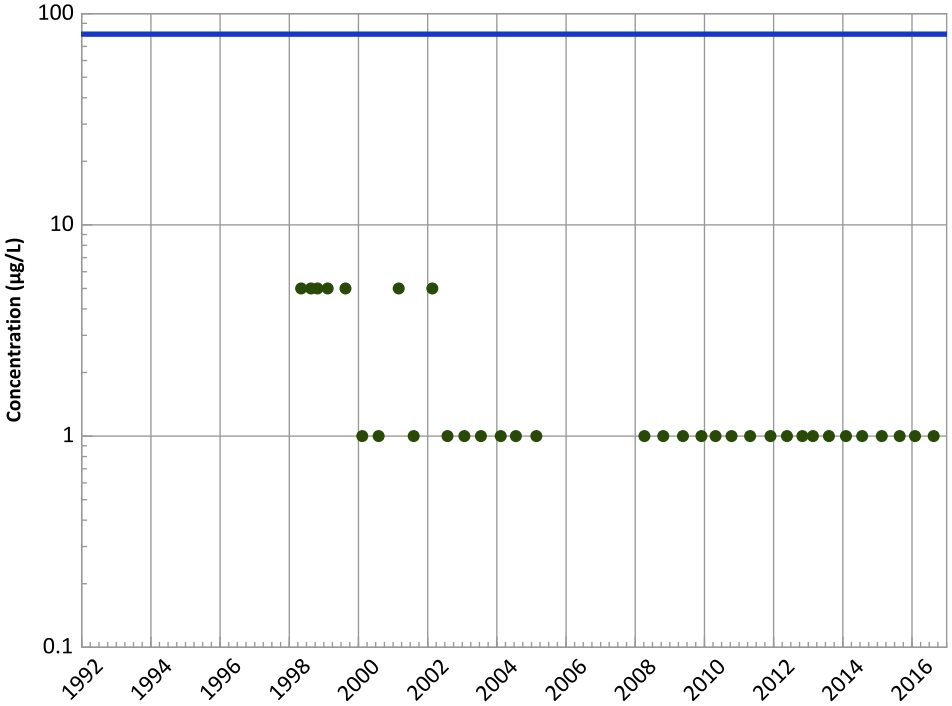
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

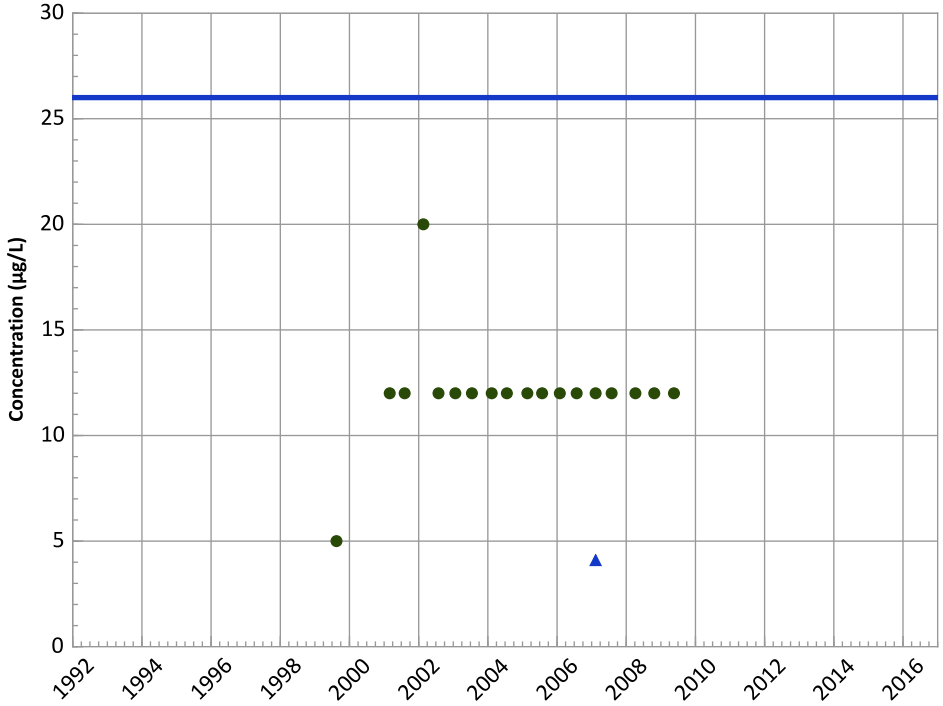


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

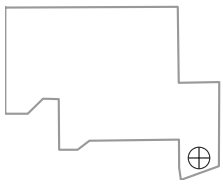
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/26/1998 to 08/17/2016
Analysis Date: 03/07/2017

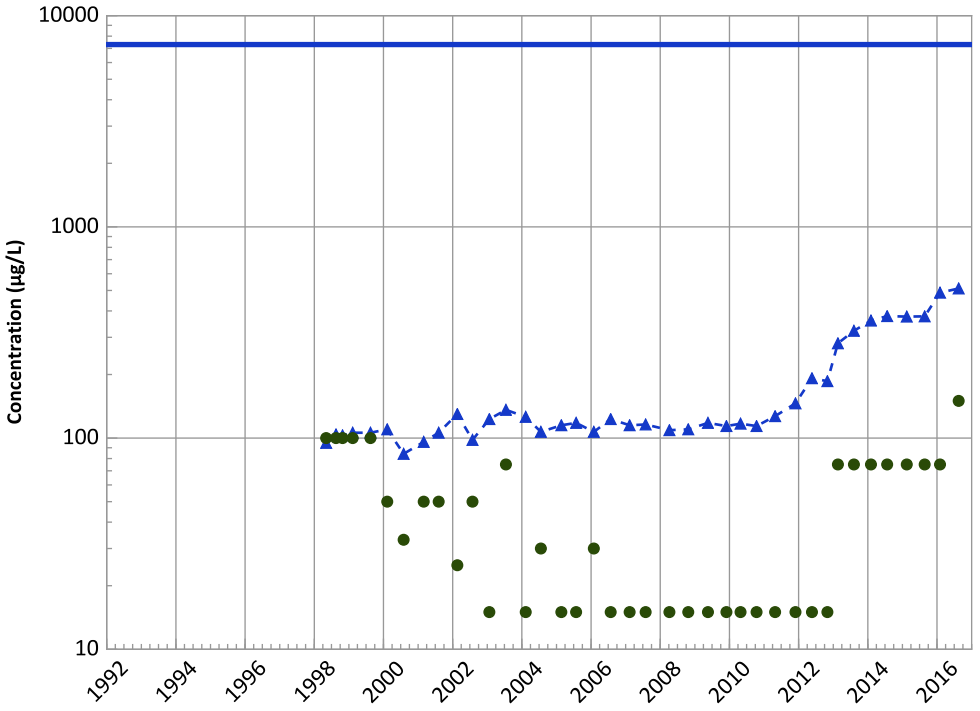
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

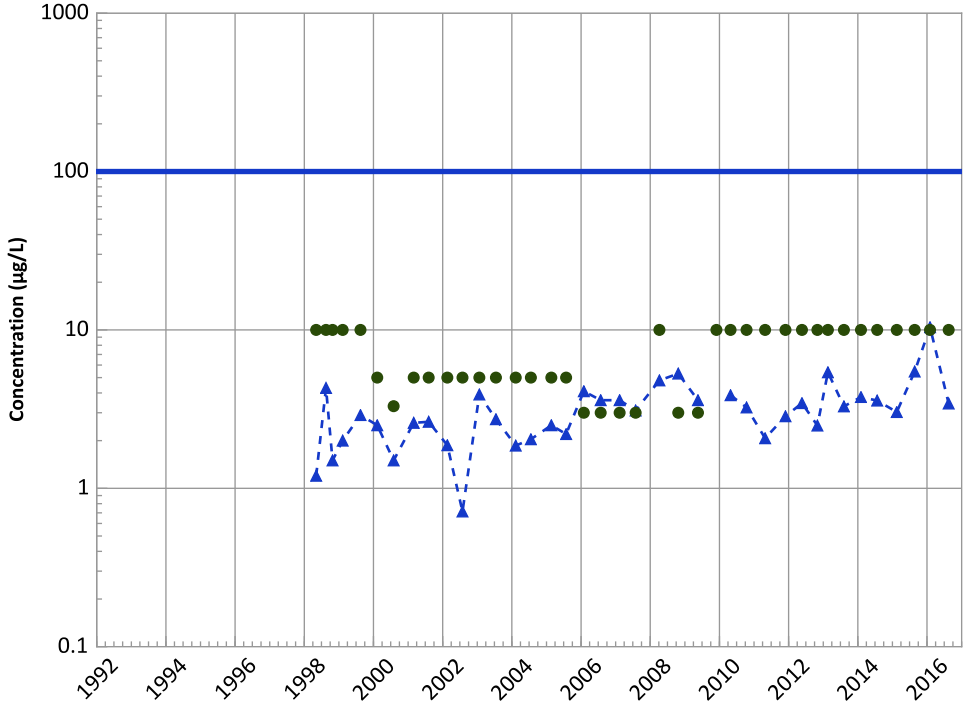


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Chromium, Total Trend



Concentration Trend

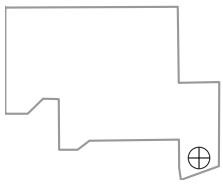
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/26/1998 to 08/17/2016
Analysis Date: 03/07/2017

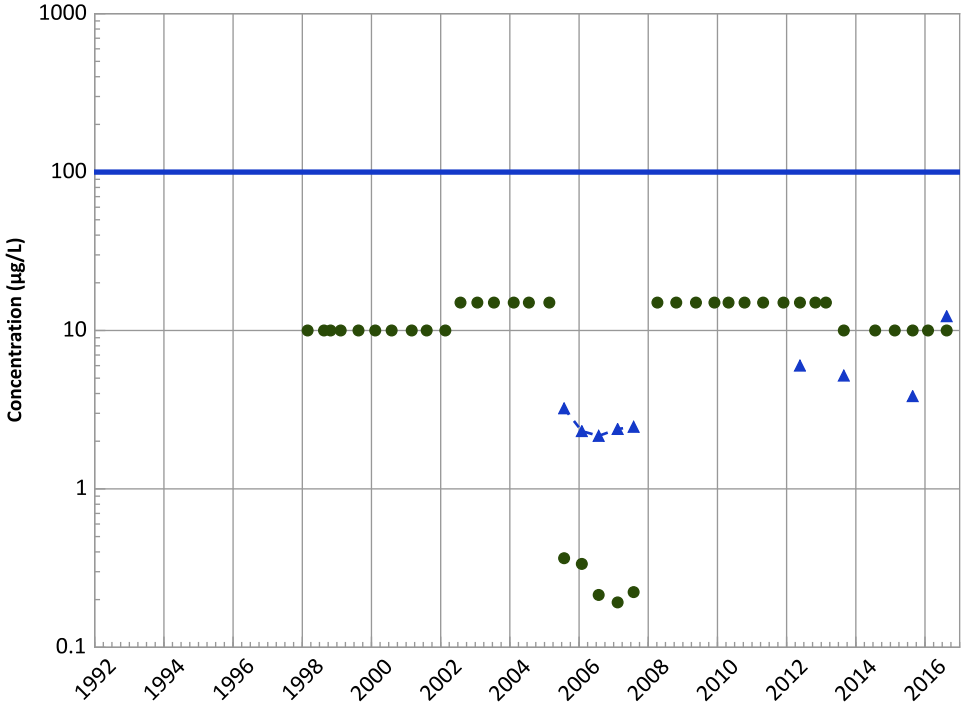
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

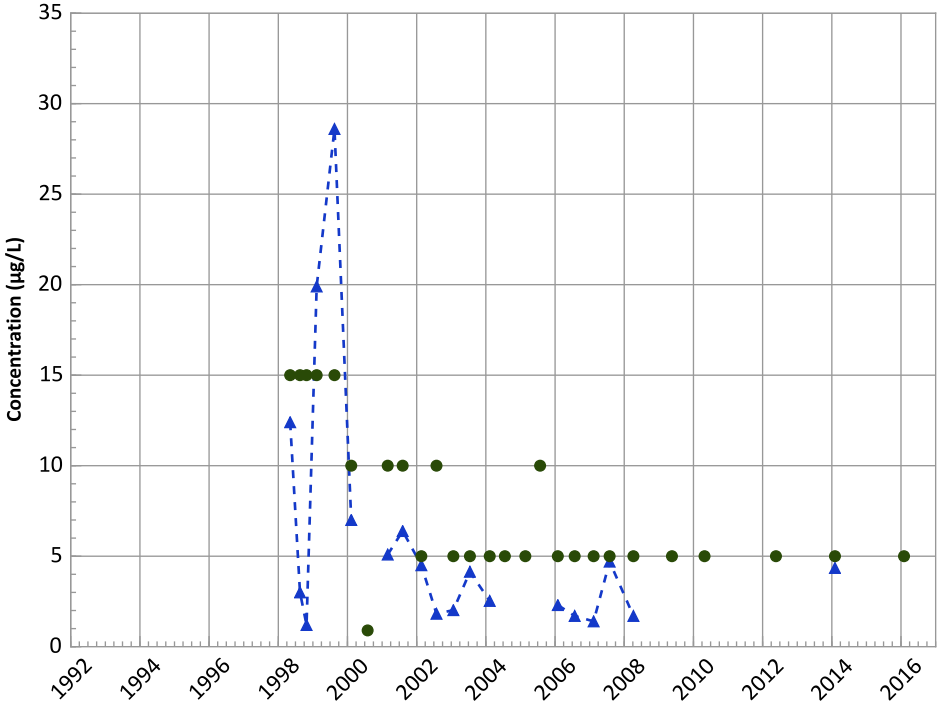


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Manganese Trend



Concentration Trend

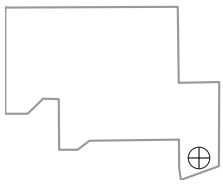
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/26/1998 to 08/17/2016
Analysis Date: 03/07/2017

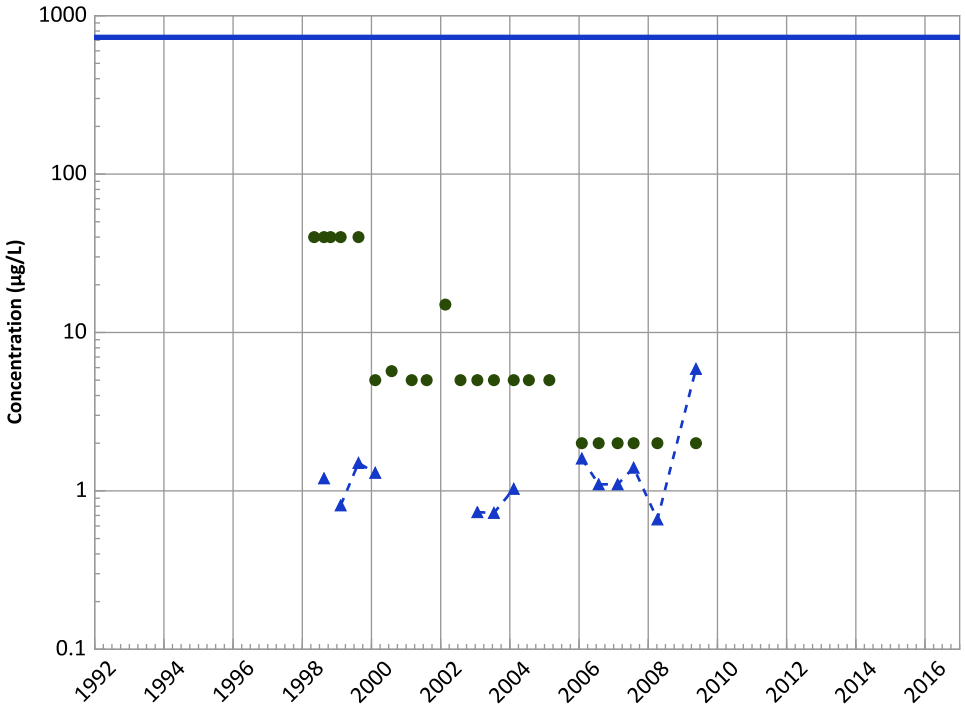
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

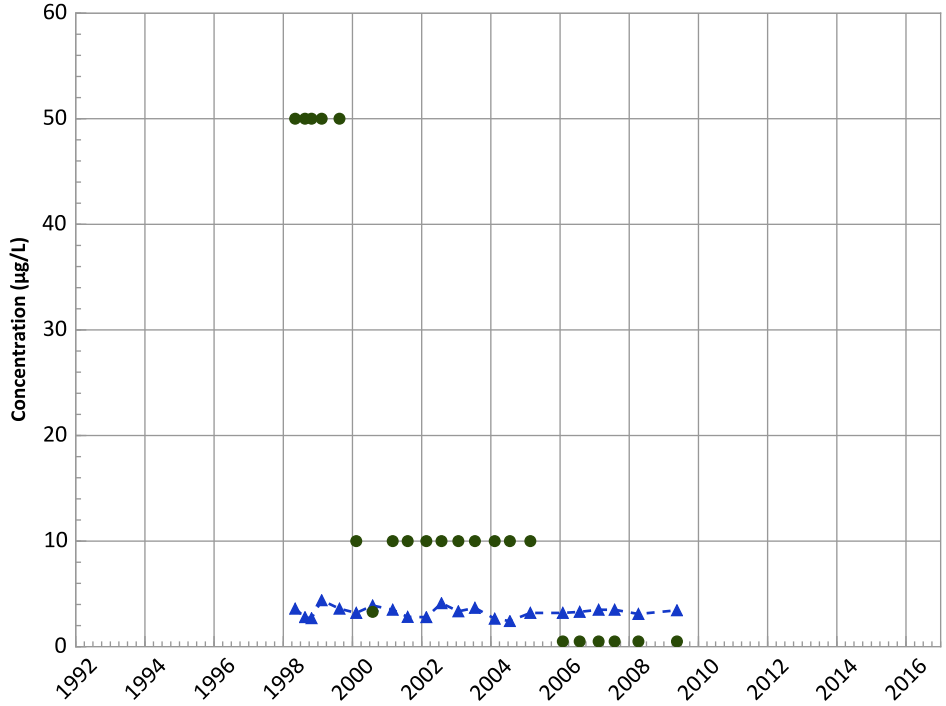


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Molybdenum Trend



Concentration Trend

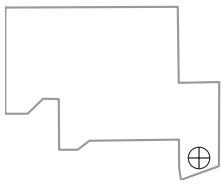
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/26/1998 to 08/17/2016
Analysis Date: 03/07/2017

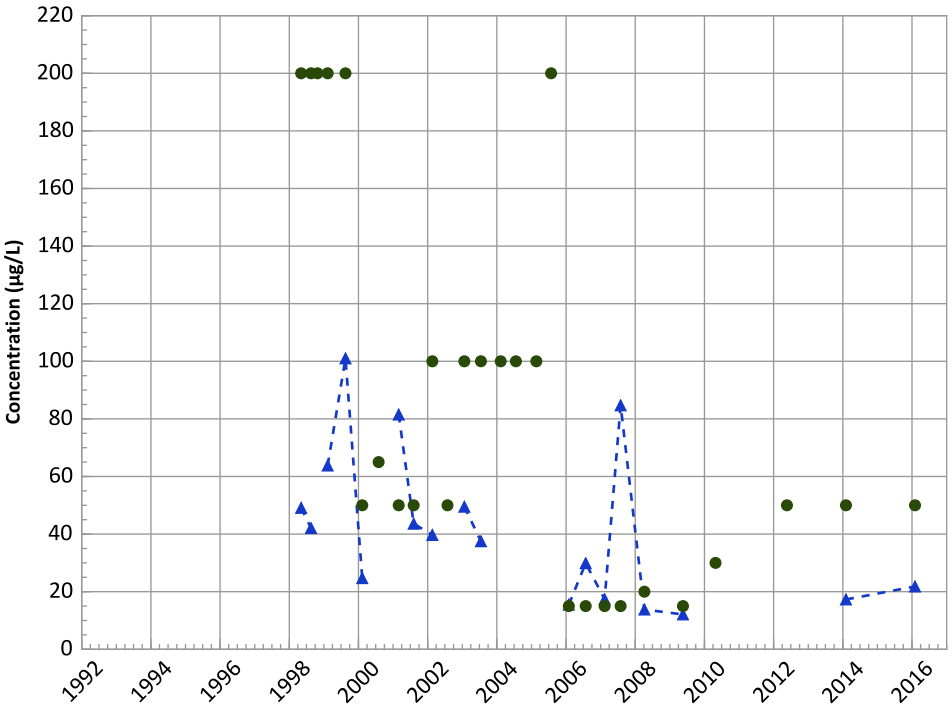
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

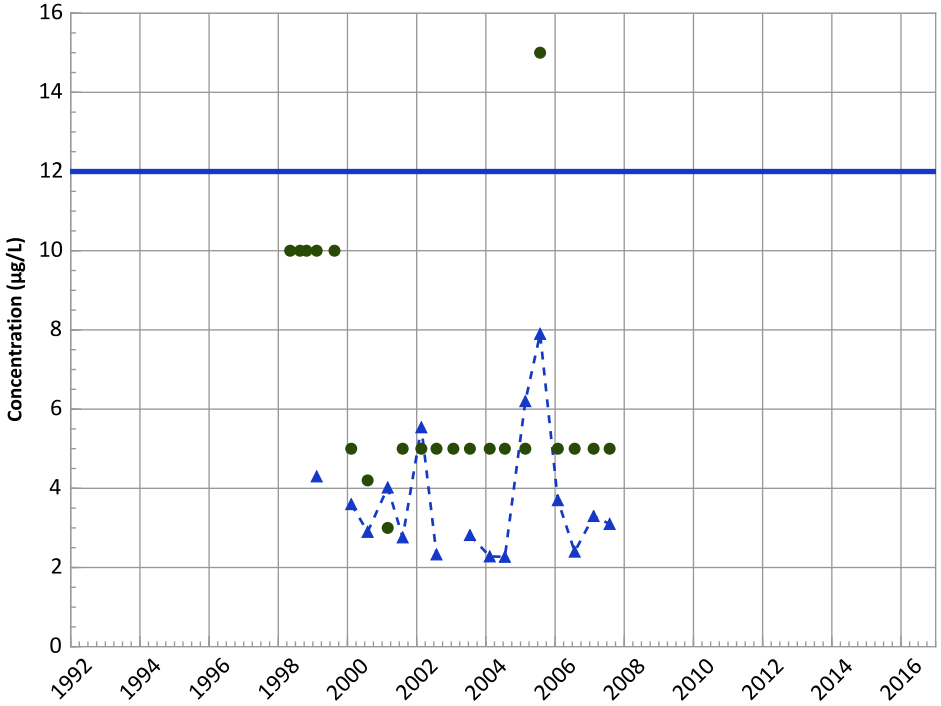


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Arsenic Trend



Concentration Trend

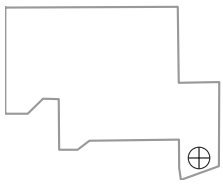
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/26/1998 to 08/17/2016
Analysis Date: 03/07/2017

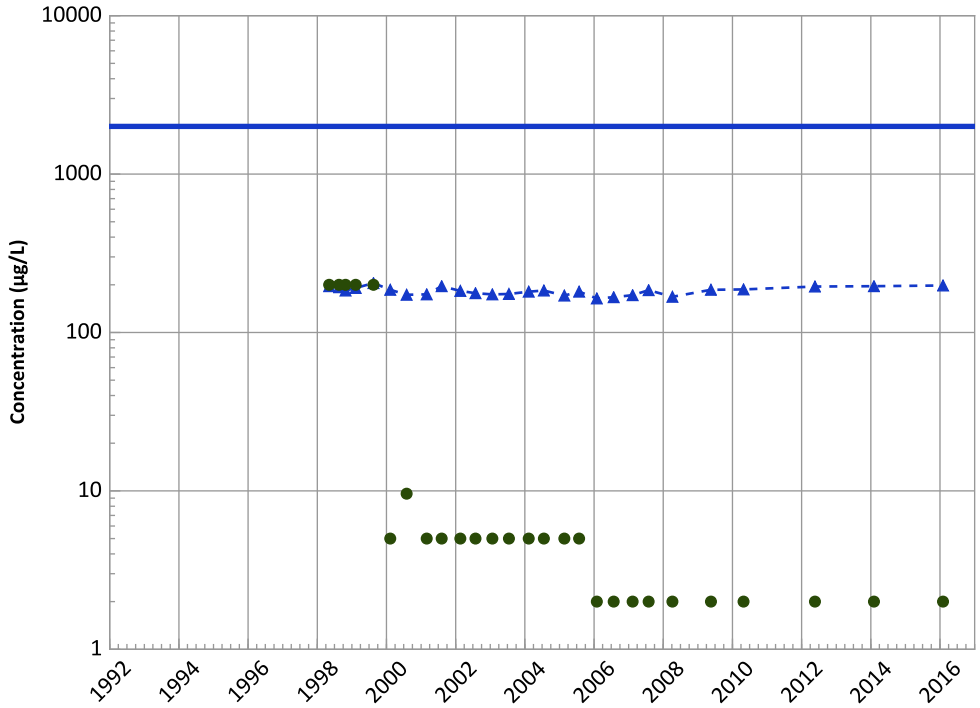
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

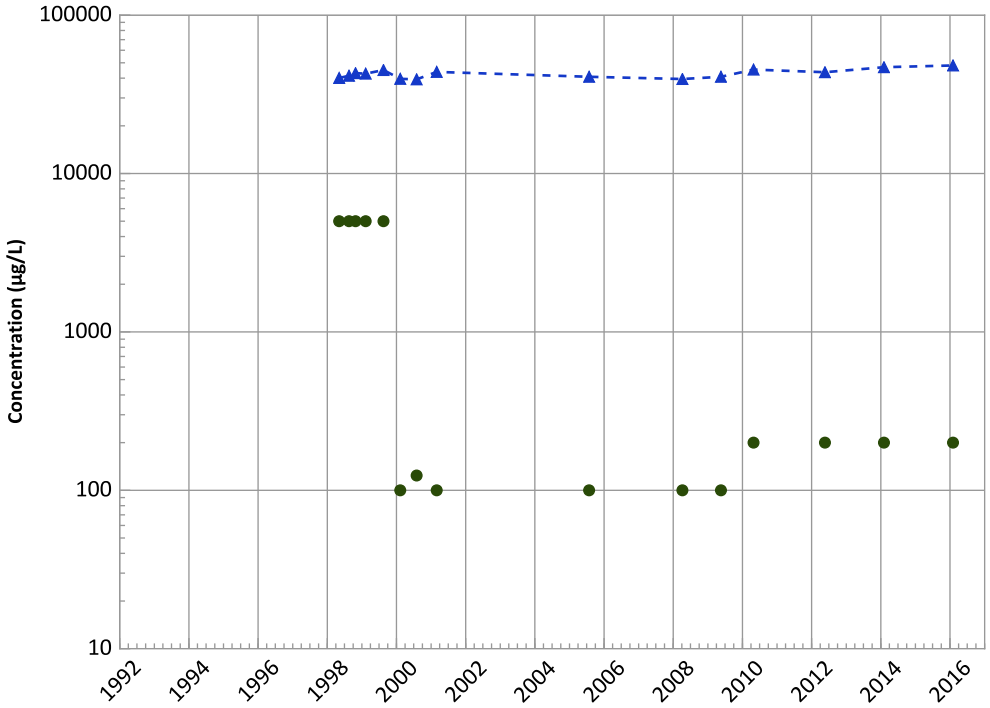


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Calcium Trend



Concentration Trend

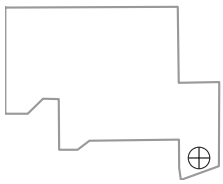
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/26/1998 to 08/17/2016
Analysis Date: 03/07/2017

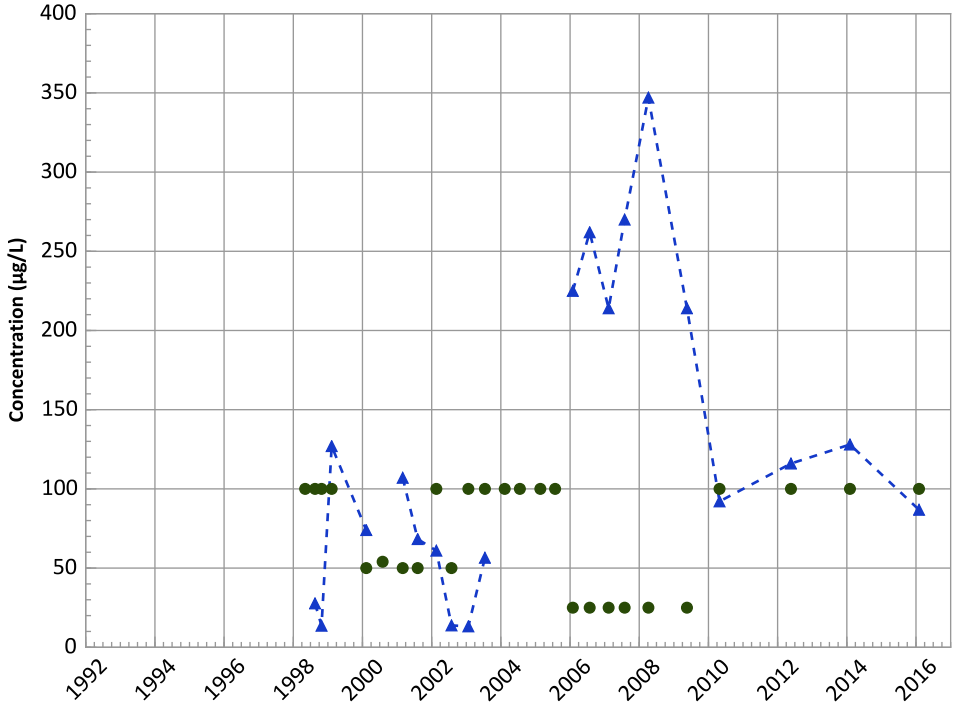
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

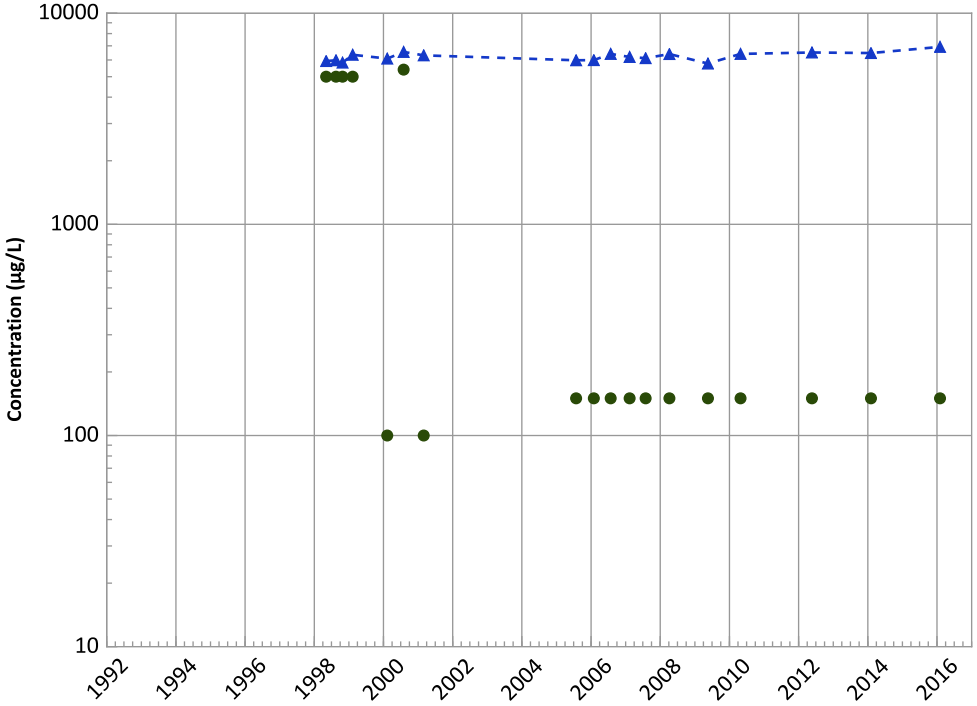


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Potassium Trend



Concentration Trend

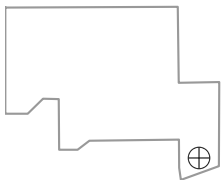
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/26/1998 to 08/17/2016
Analysis Date: 03/07/2017

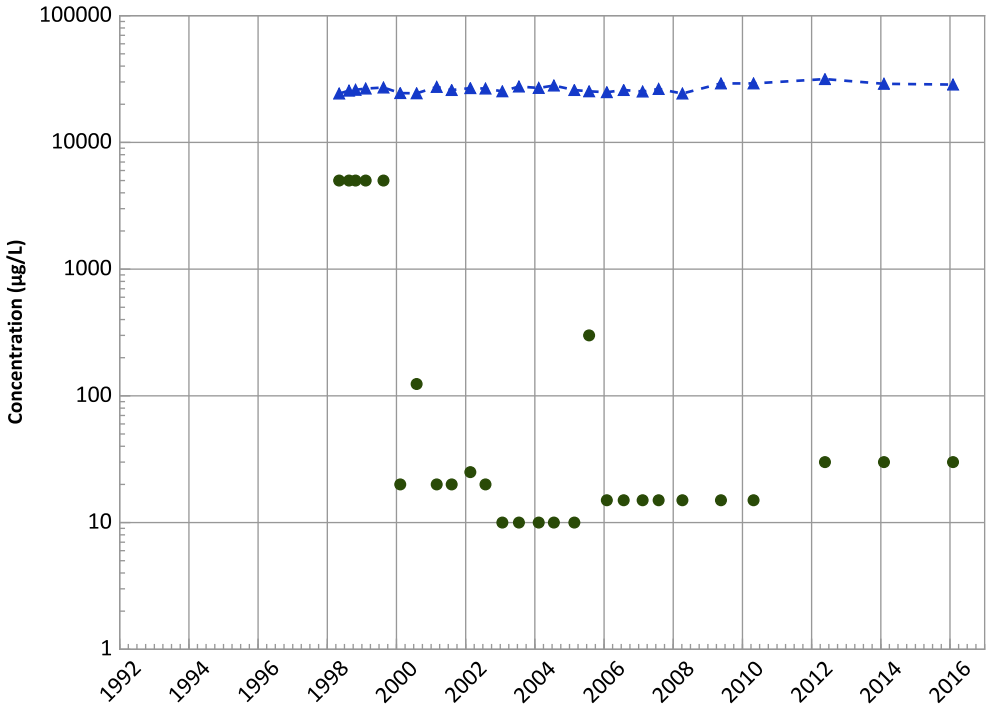
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

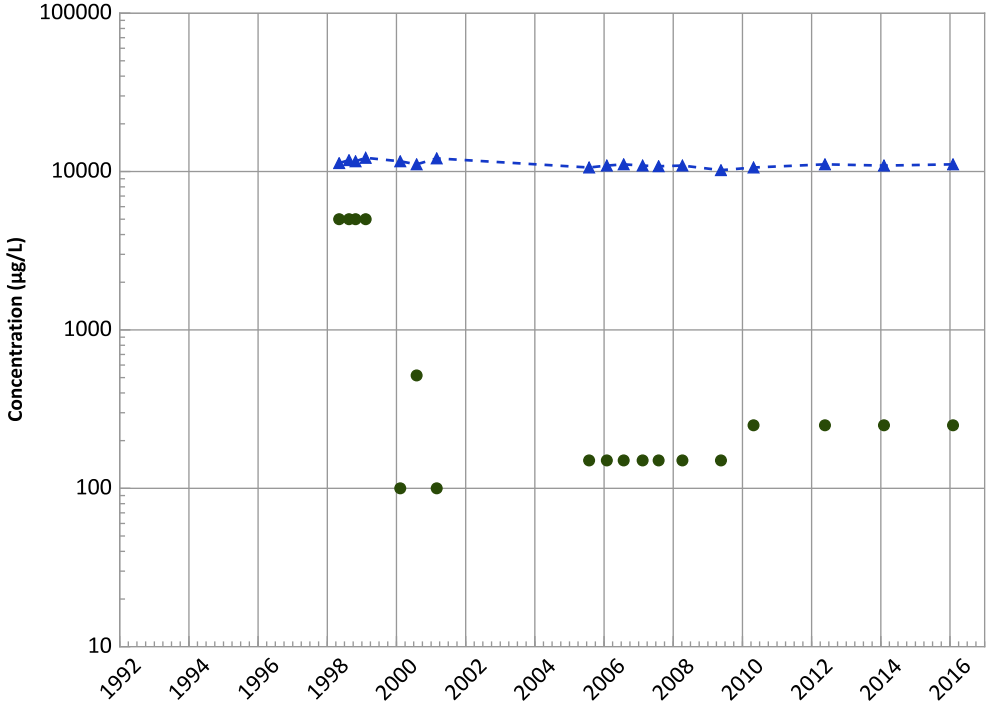


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Sodium Trend



Concentration Trend

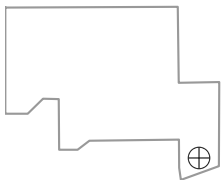
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

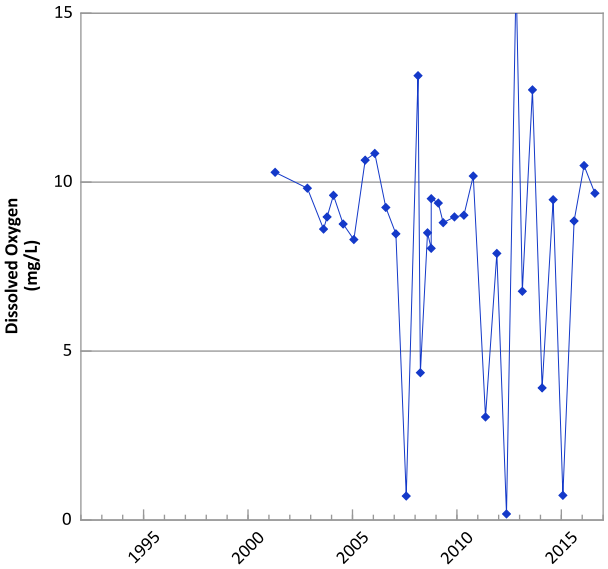
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/26/1998 to 08/17/2016
Analysis Date: 03/07/2017

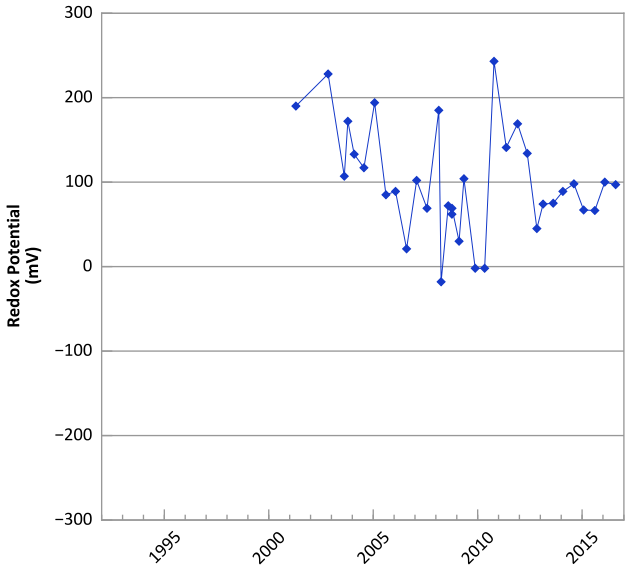
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

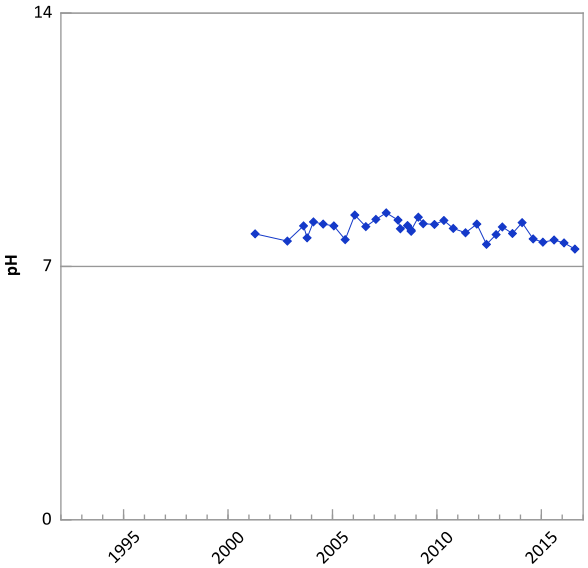
Well Location

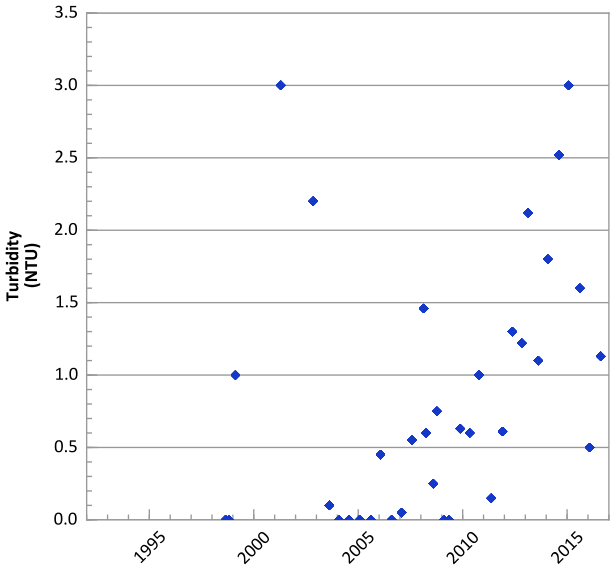


PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



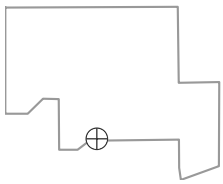






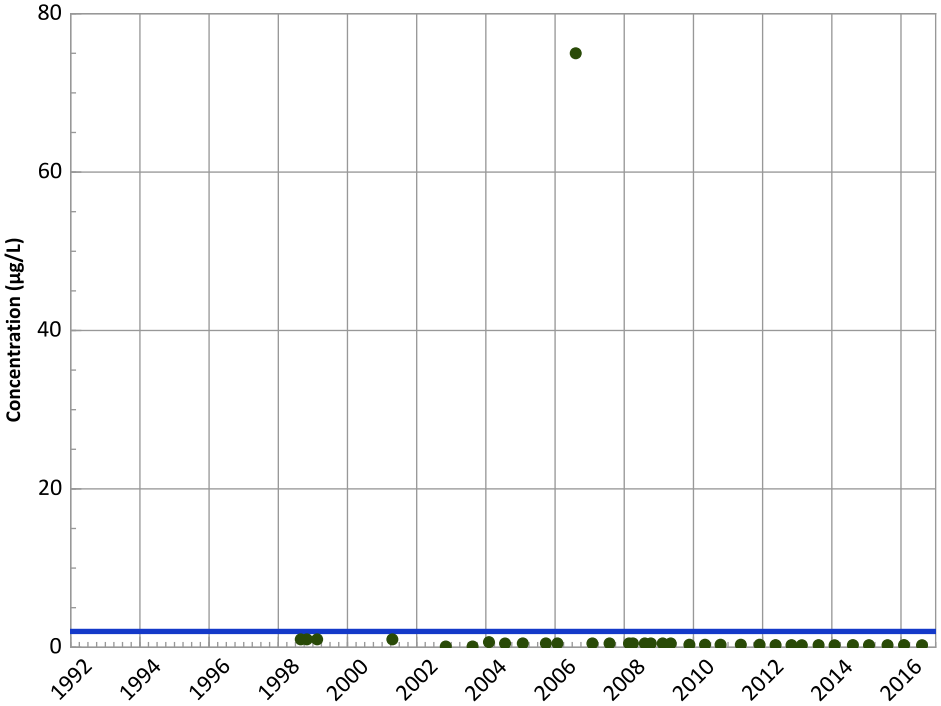
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 08/10/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

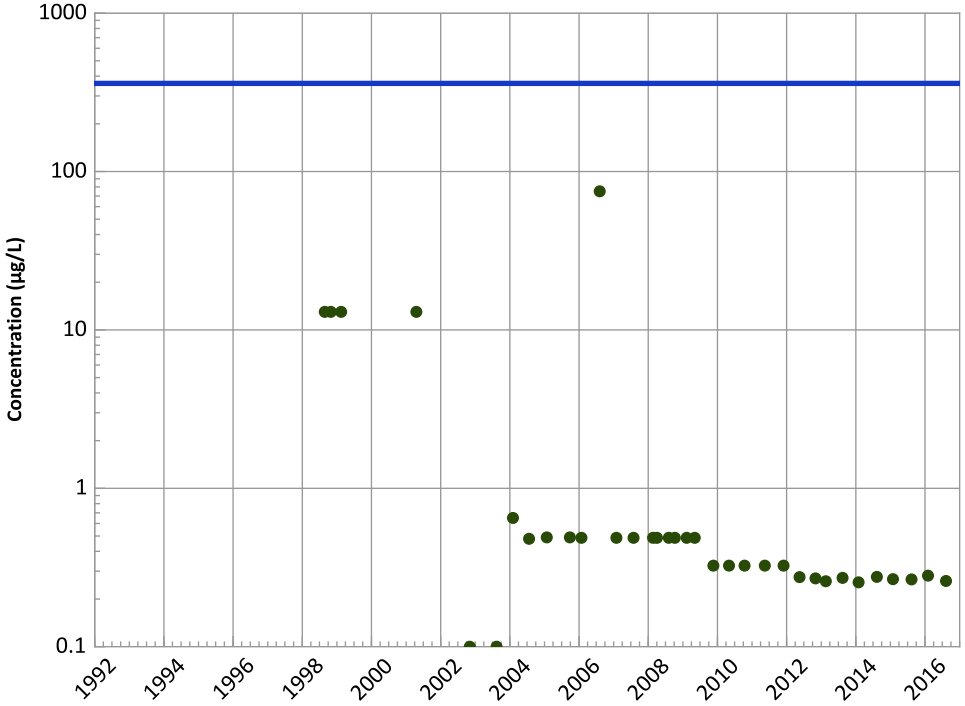


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

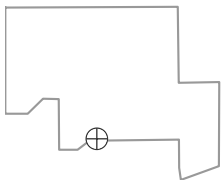
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 08/10/2016
Analysis Date: 03/07/2017

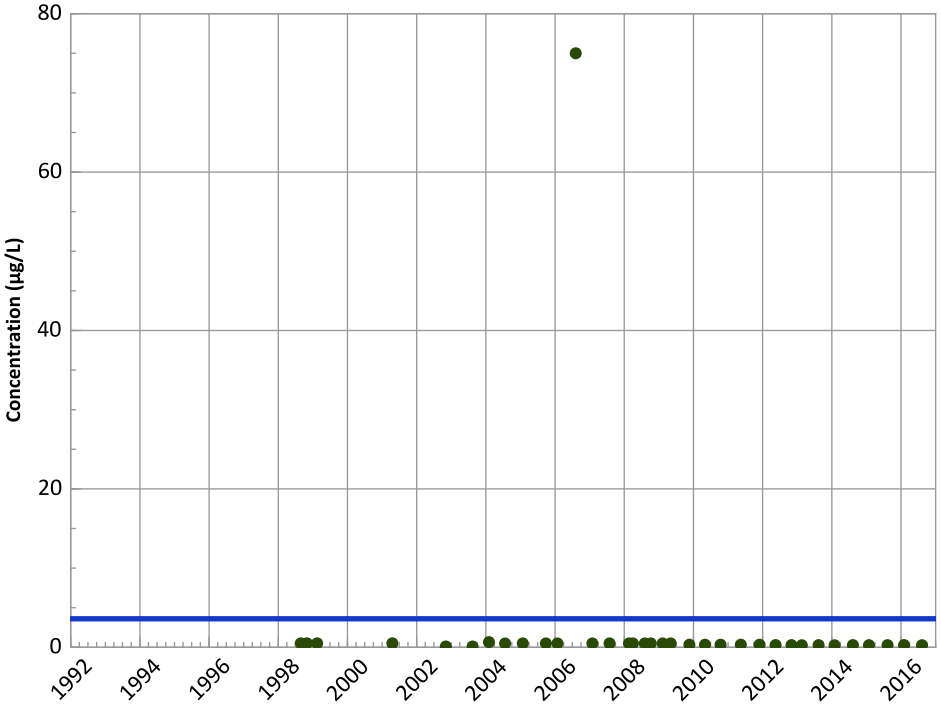
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

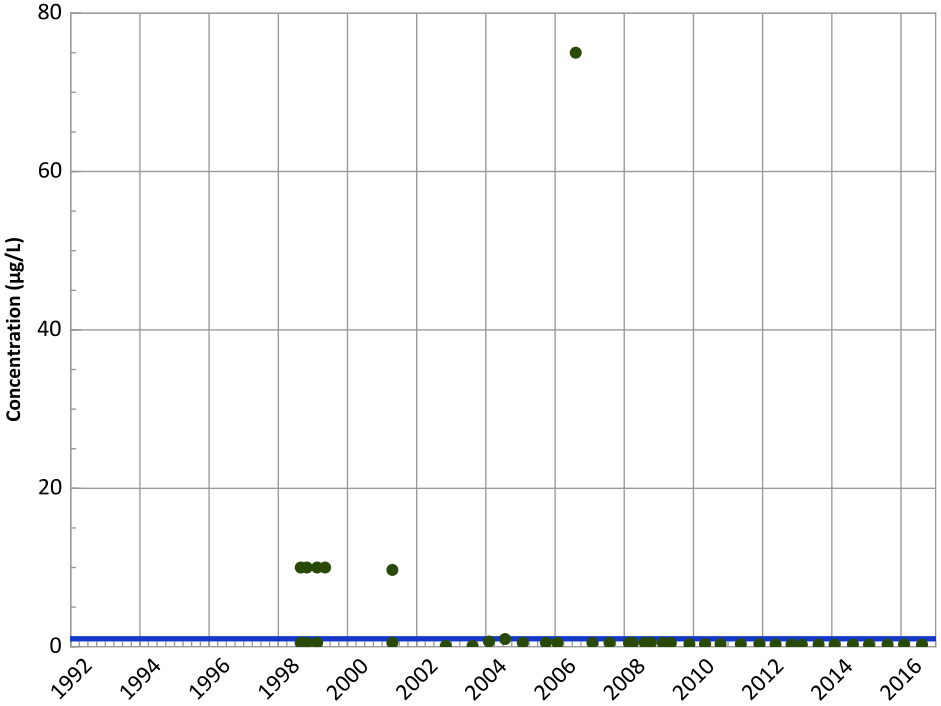


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

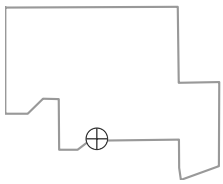
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 08/10/2016
Analysis Date: 03/07/2017

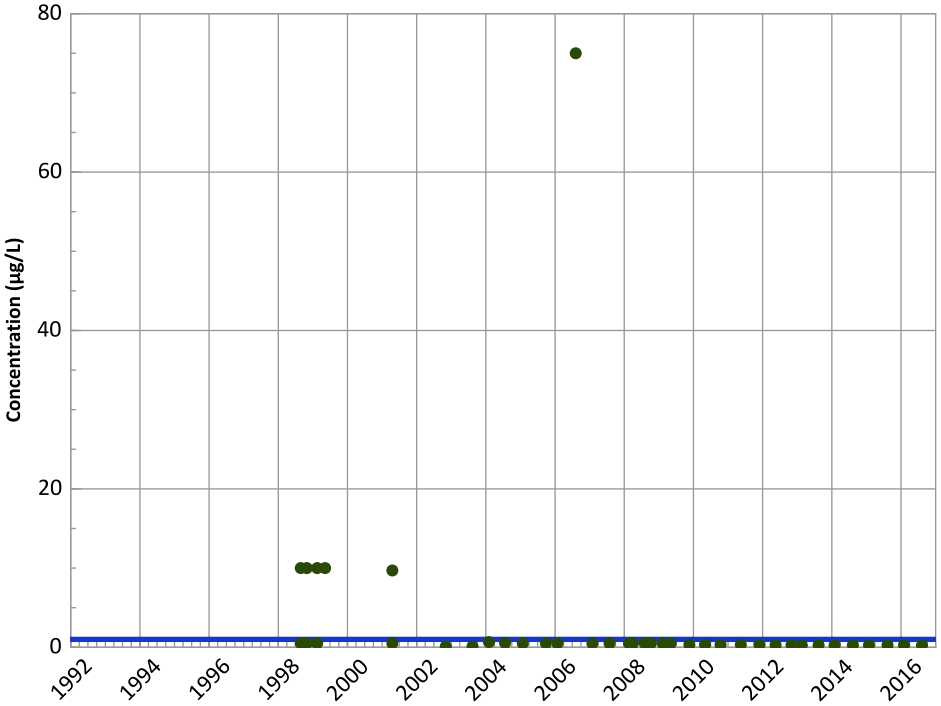
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

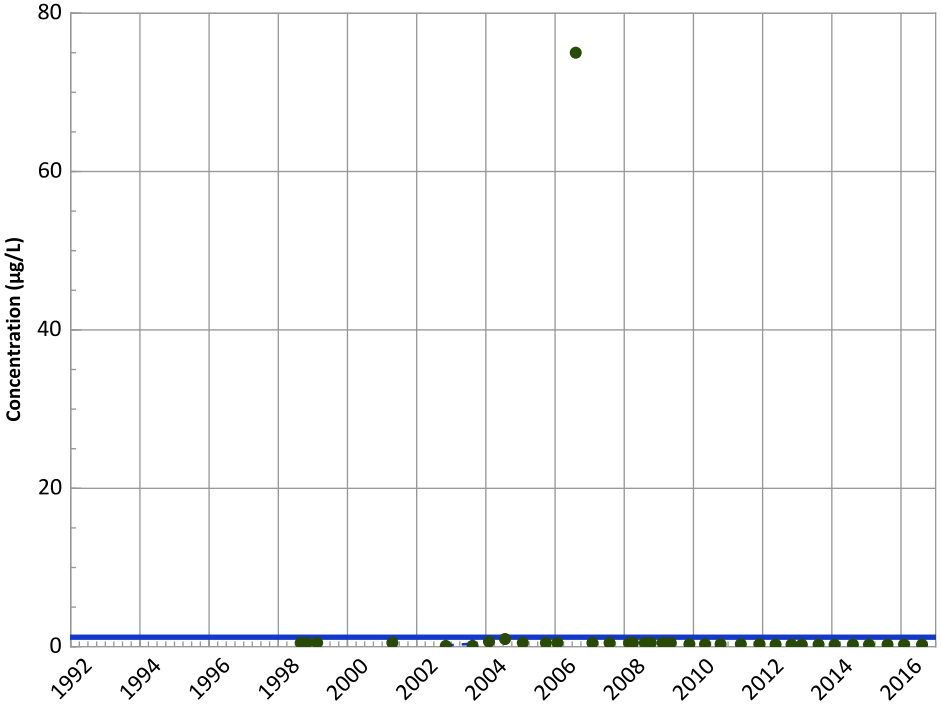


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

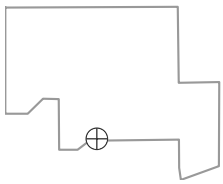
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 08/10/2016
Analysis Date: 03/07/2017

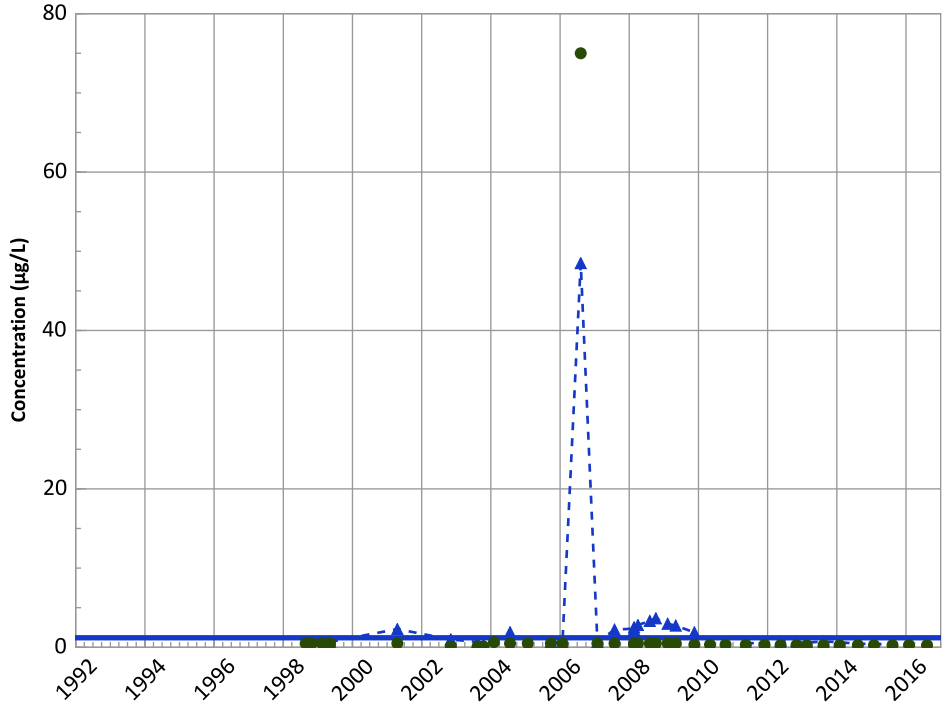
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

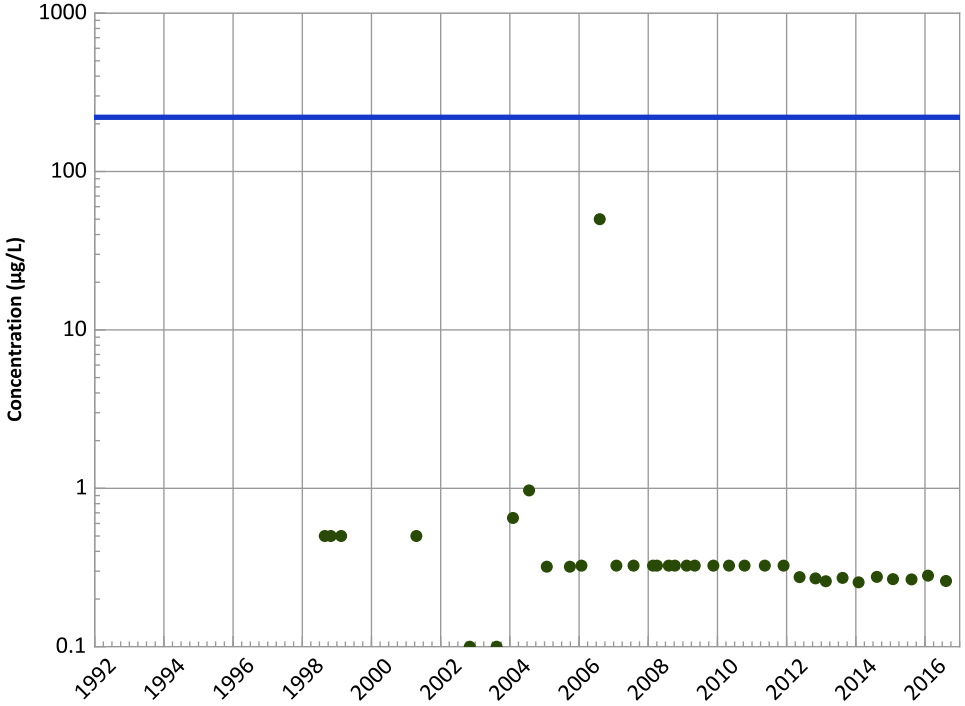


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

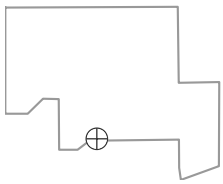
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 08/10/2016
Analysis Date: 03/07/2017

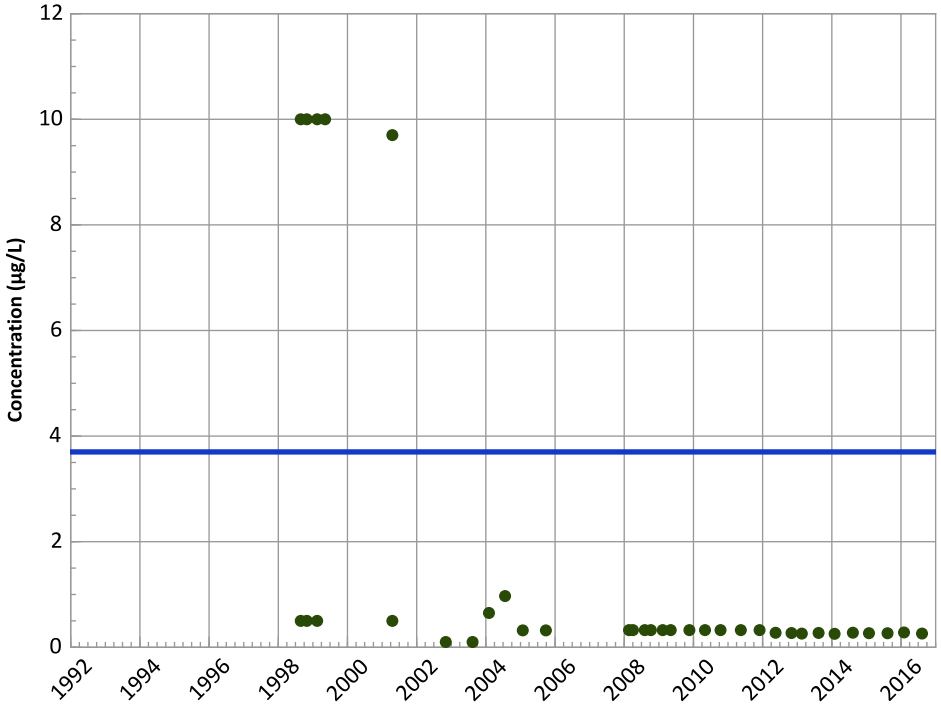
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

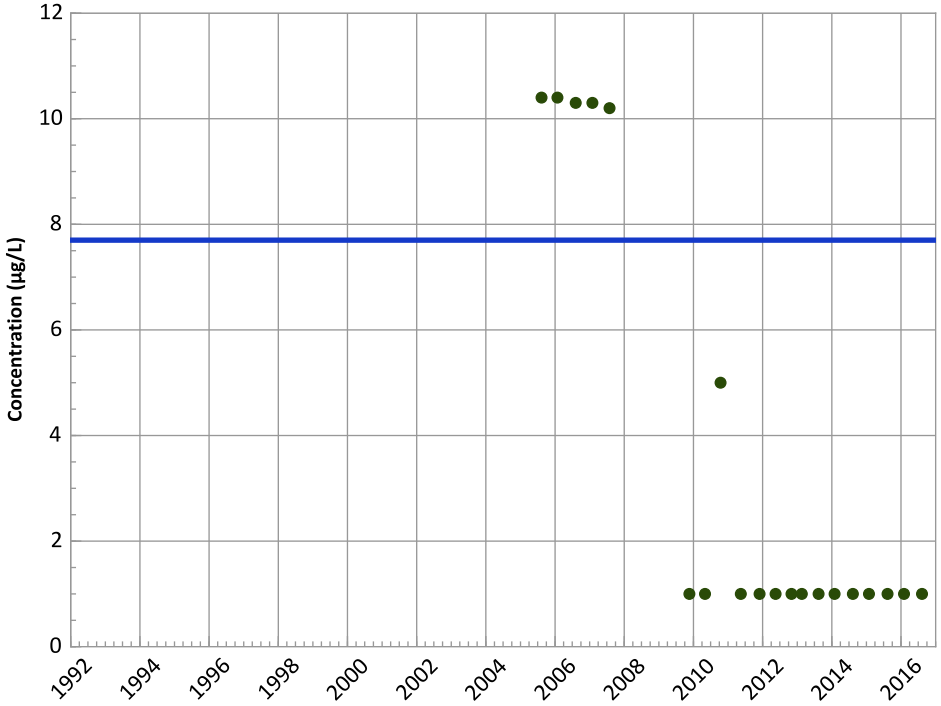


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

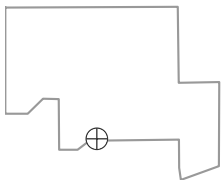
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 08/10/2016
Analysis Date: 03/07/2017

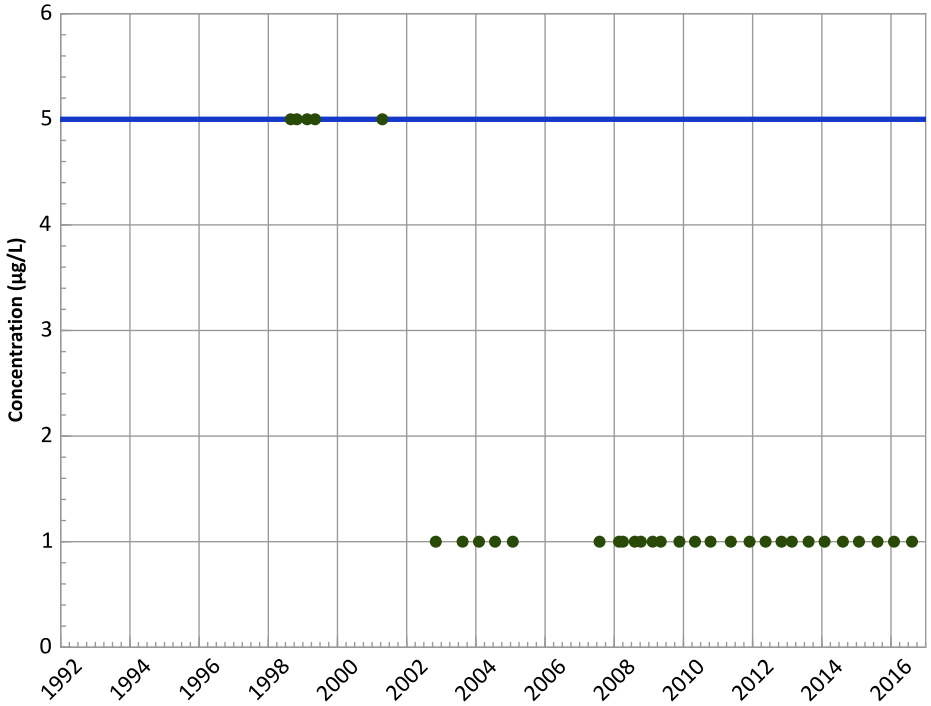
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

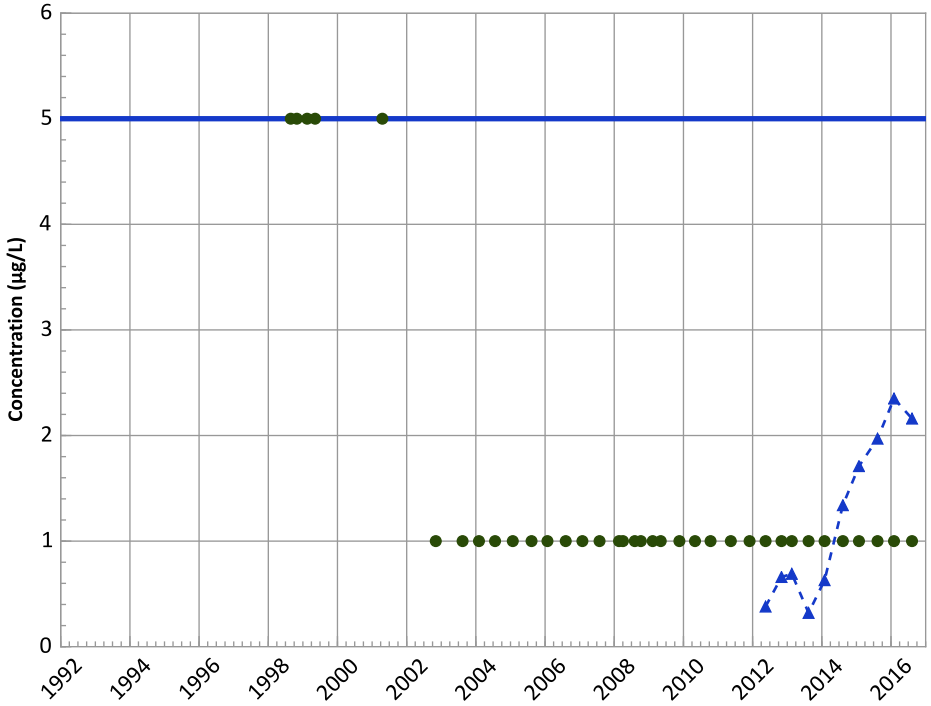


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

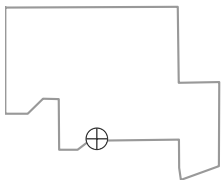
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 08/10/2016
Analysis Date: 03/07/2017

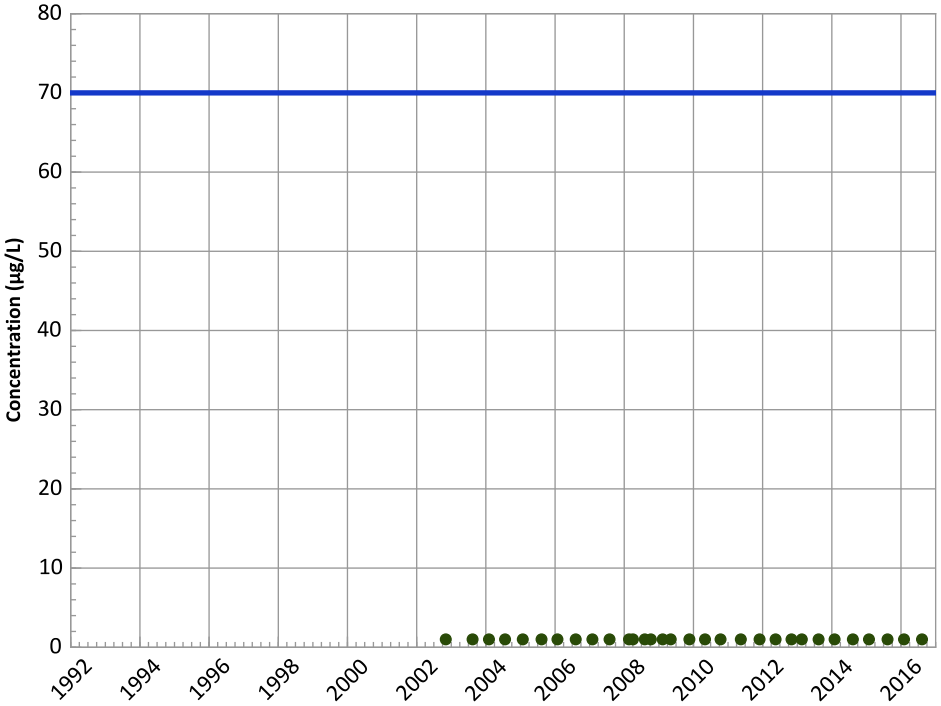
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

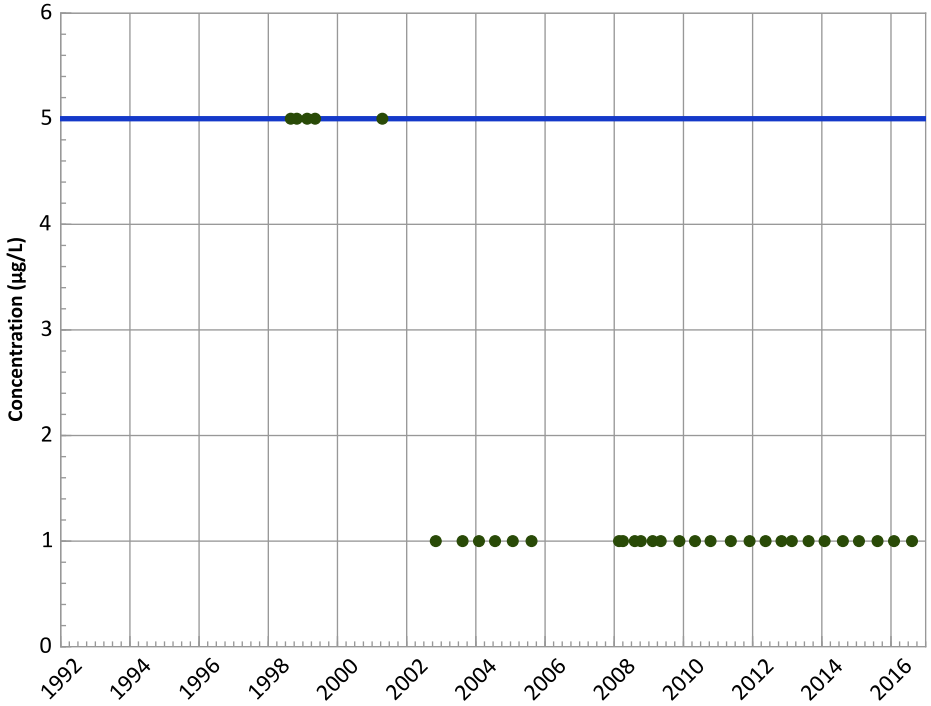


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

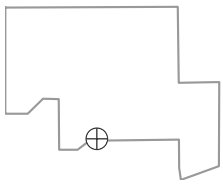
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 08/10/2016
Analysis Date: 03/07/2017

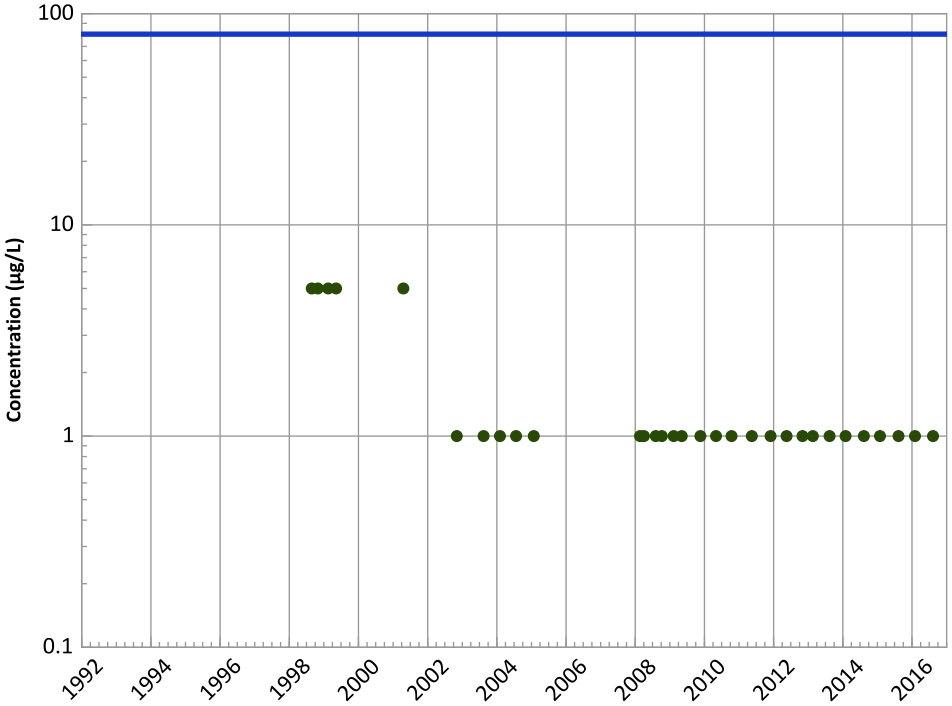
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

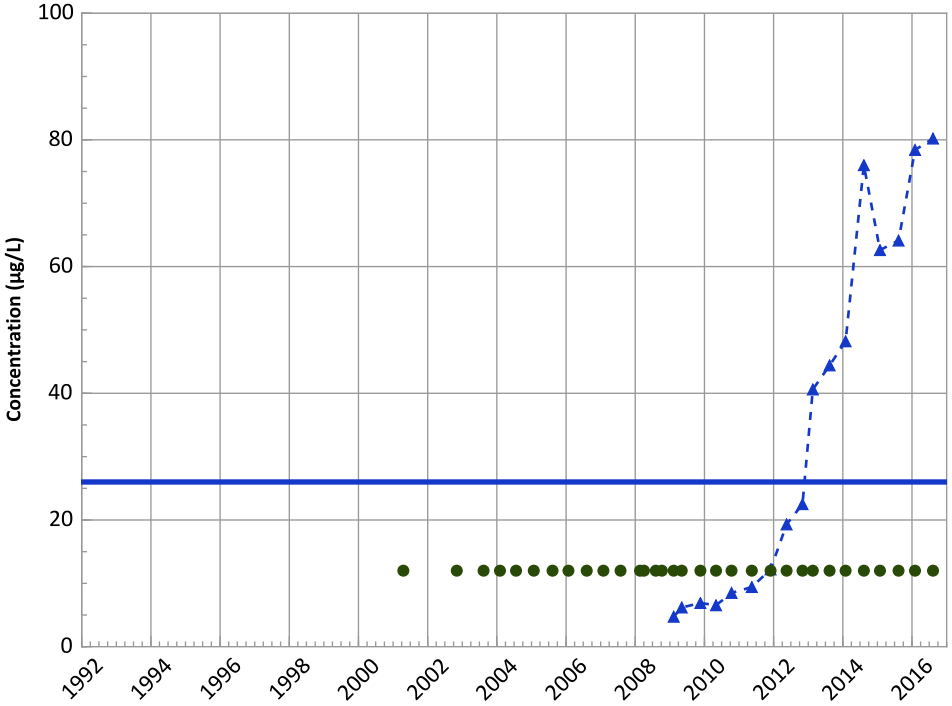


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

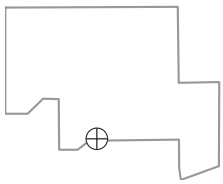
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 08/10/2016
Analysis Date: 03/07/2017

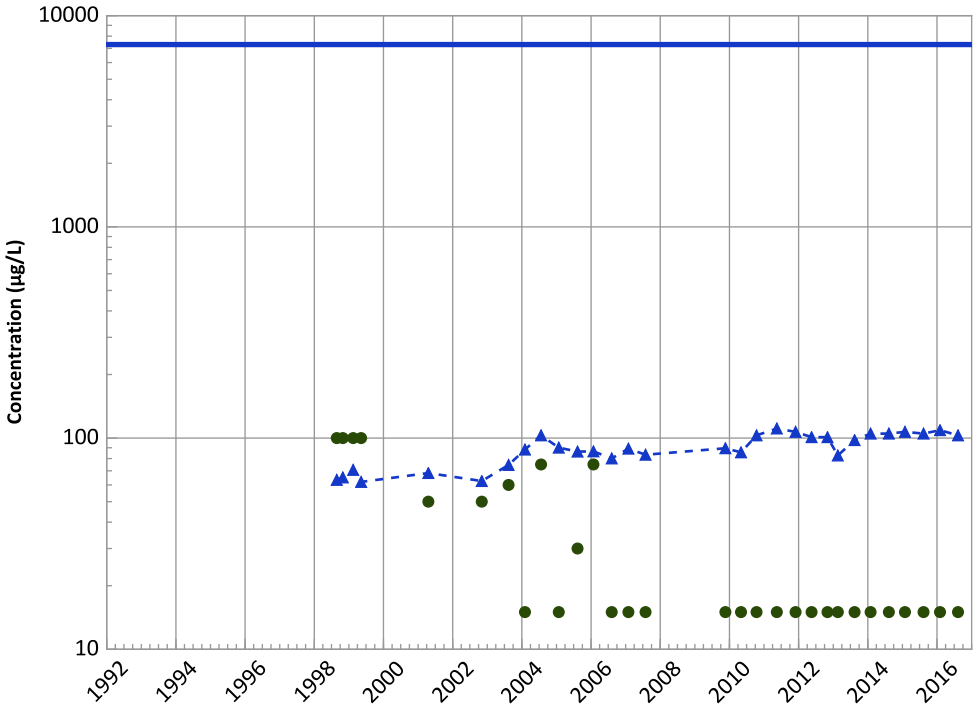
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

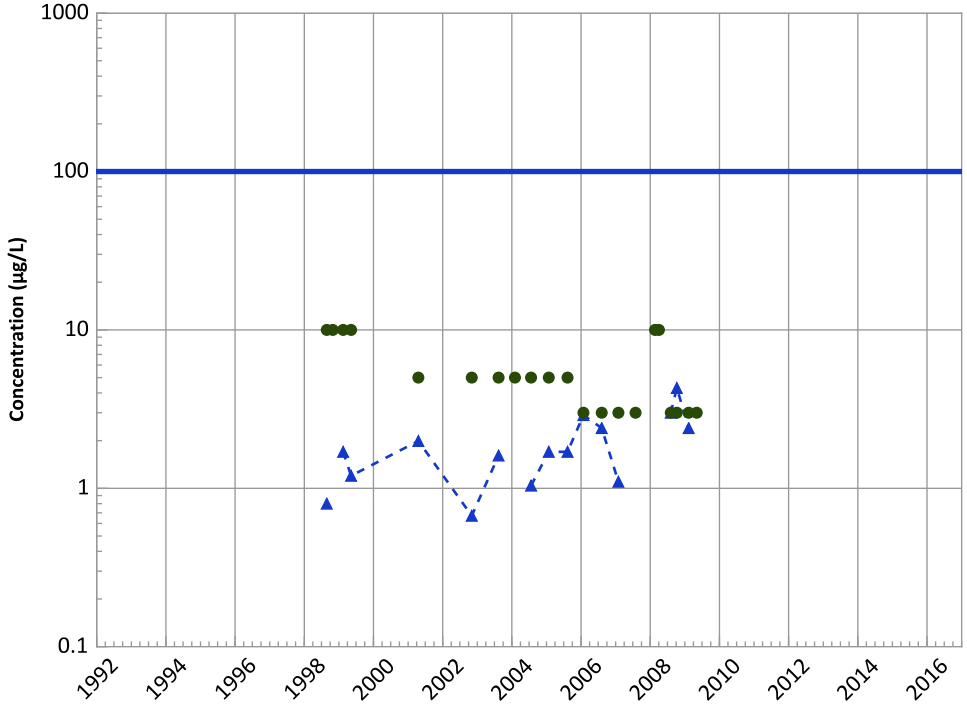


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Chromium, Total Trend



Concentration Trend

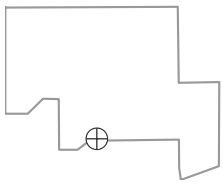
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 08/10/2016
Analysis Date: 03/07/2017

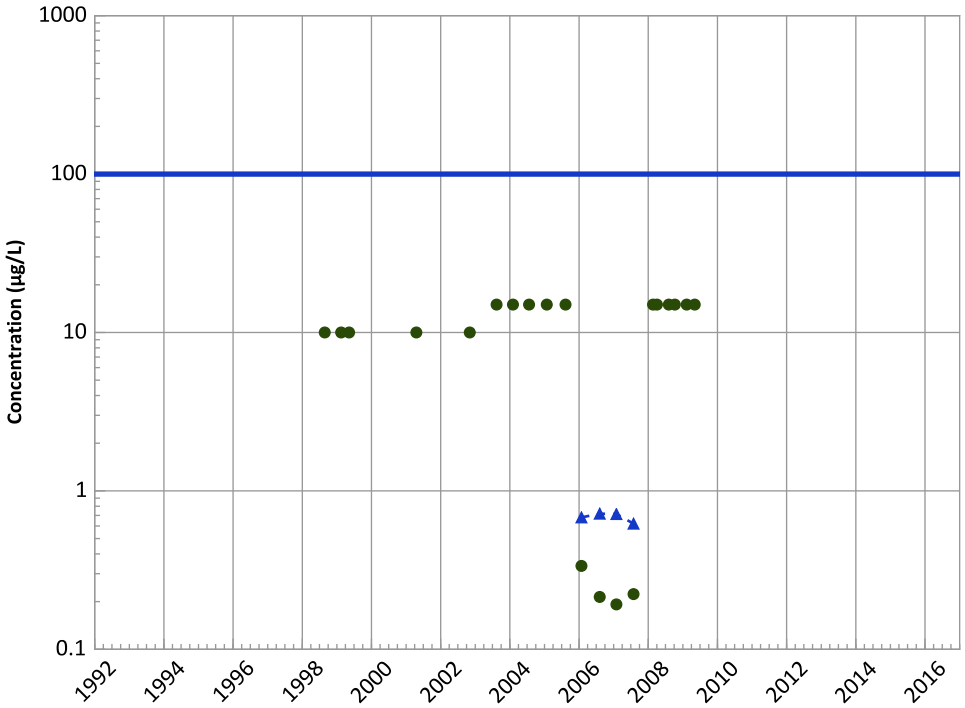
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

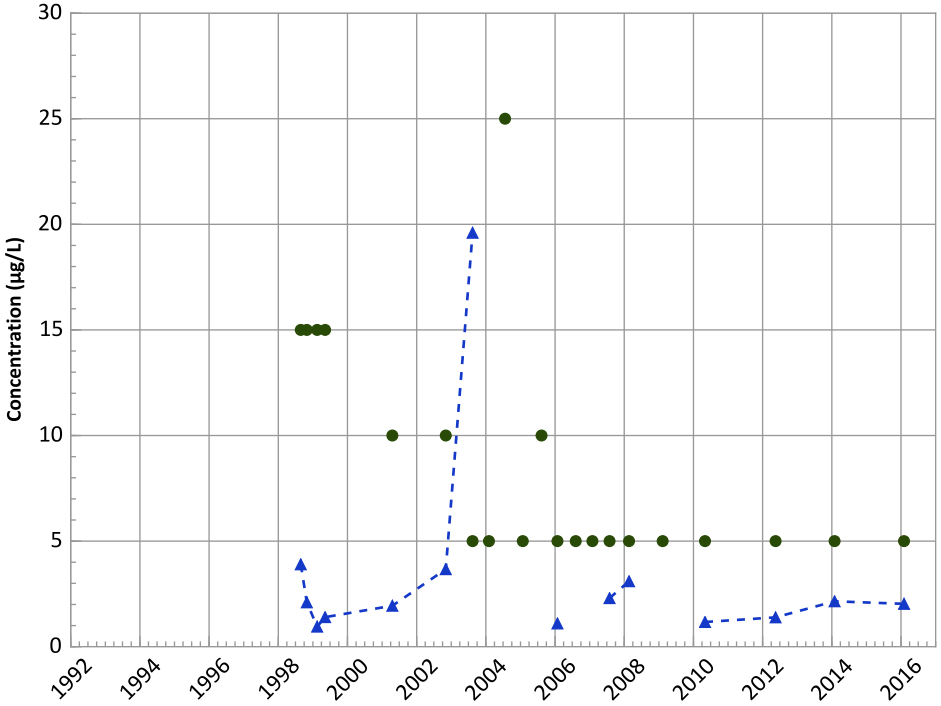


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Manganese Trend



Concentration Trend

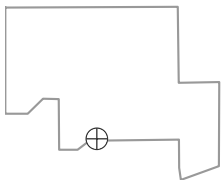
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 08/10/2016
Analysis Date: 03/07/2017

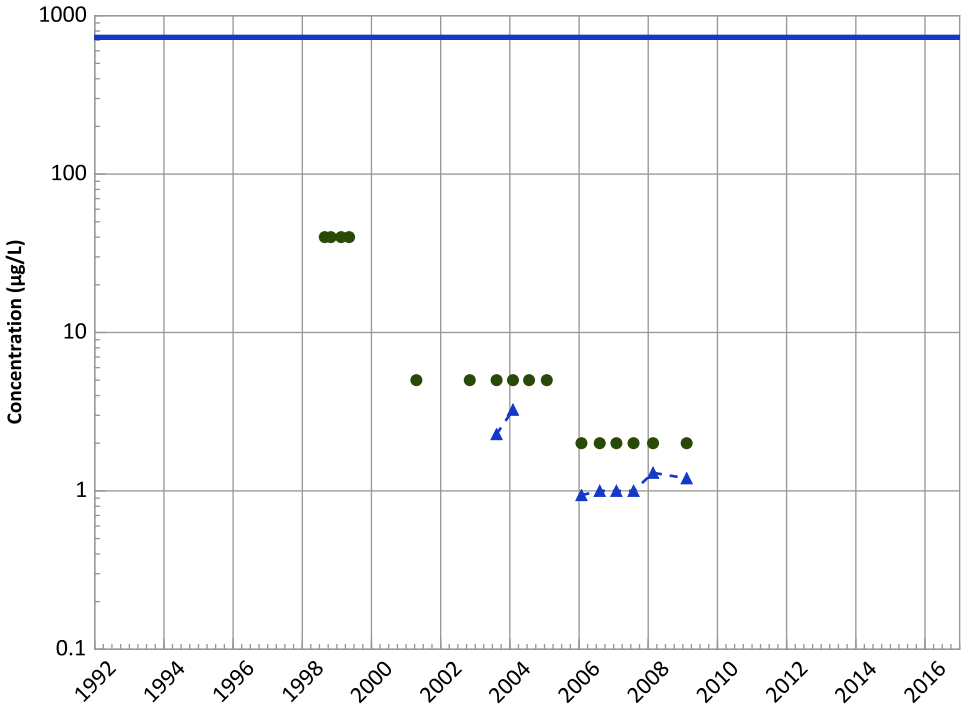
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

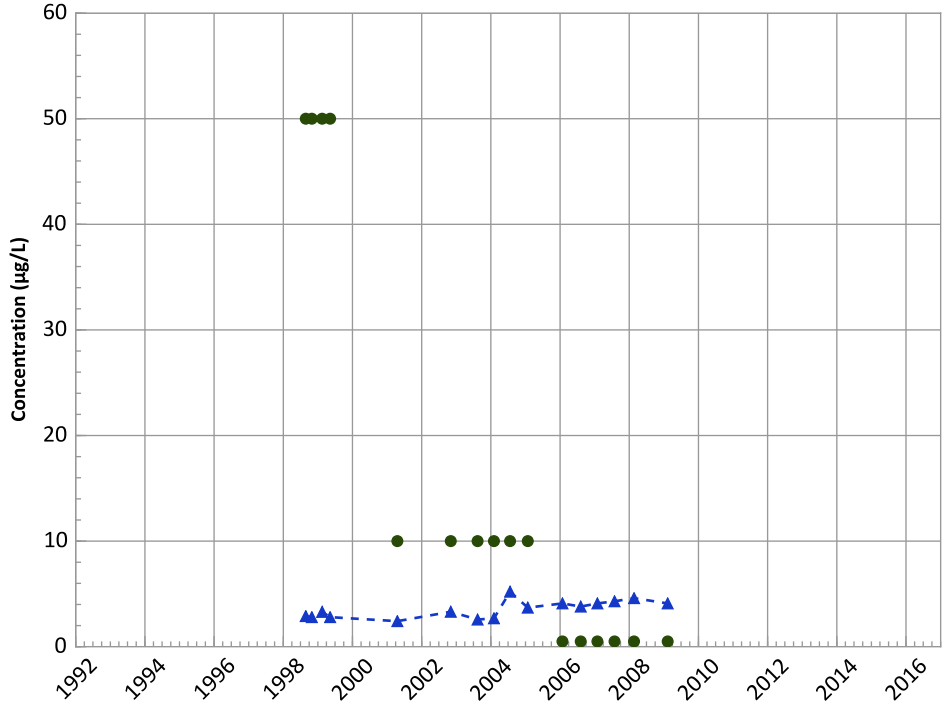


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Molybdenum Trend



Concentration Trend

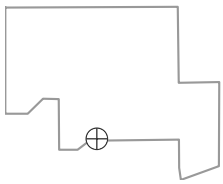
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 08/10/2016
Analysis Date: 03/07/2017

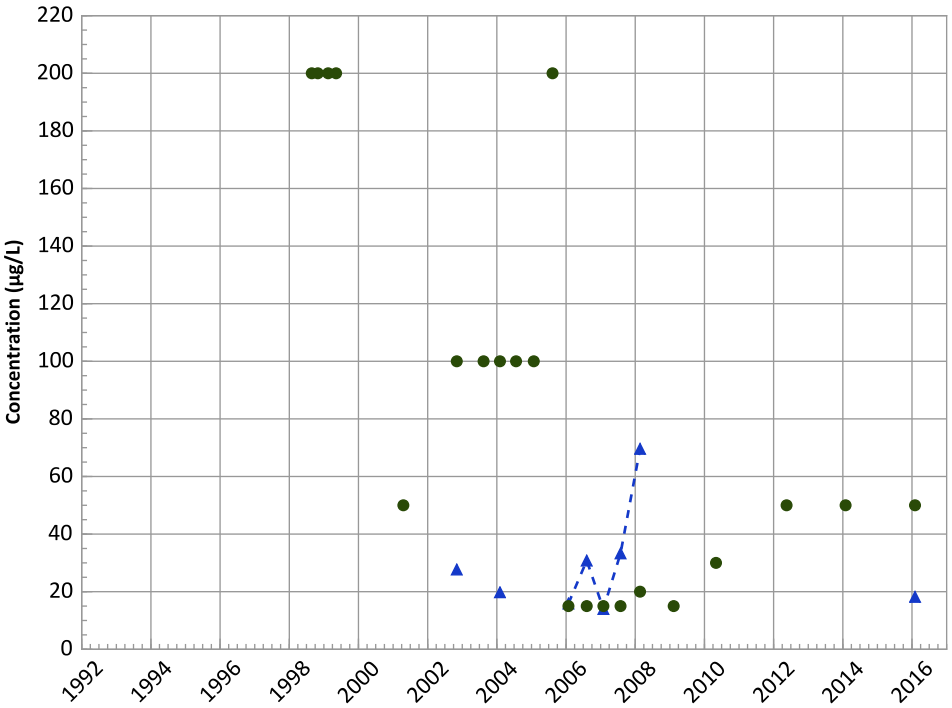
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

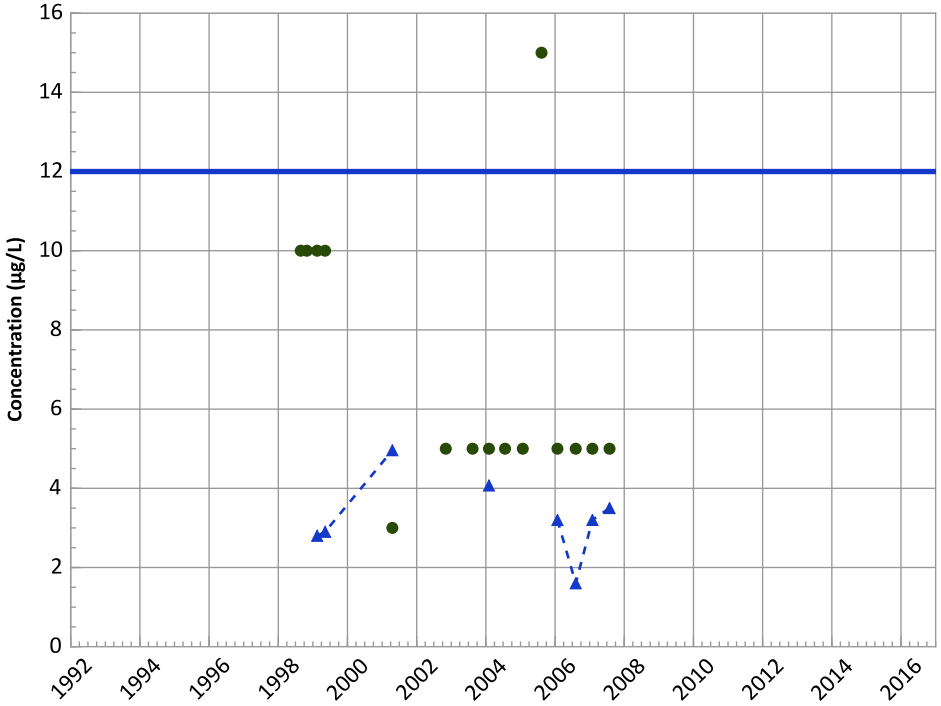


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Arsenic Trend



Concentration Trend

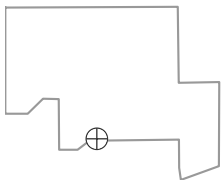
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 08/10/2016
Analysis Date: 03/07/2017

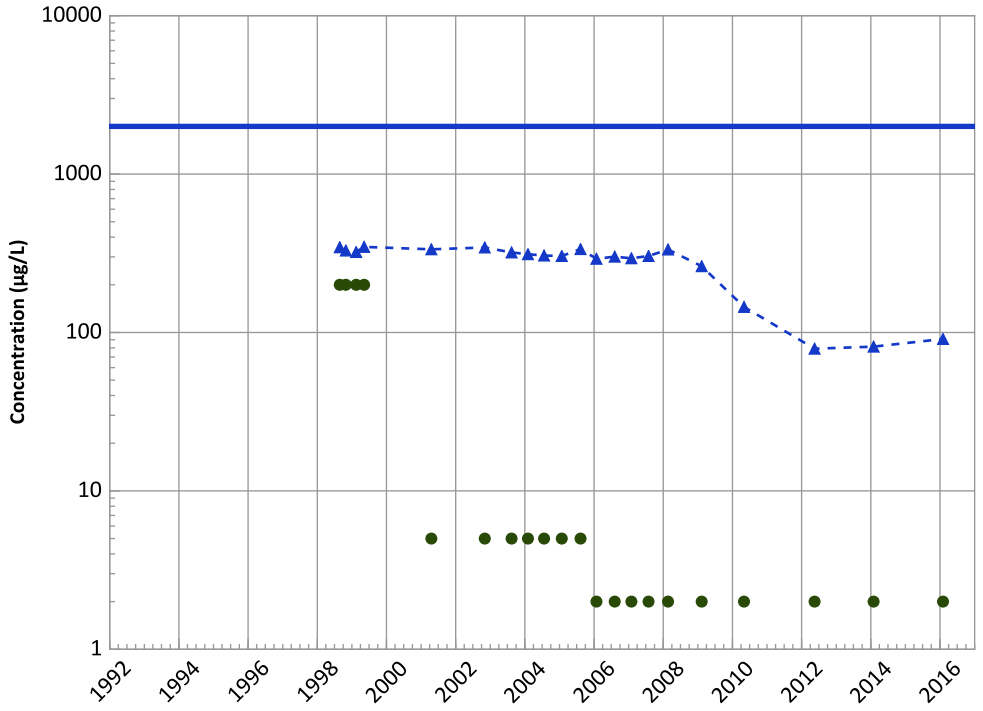
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

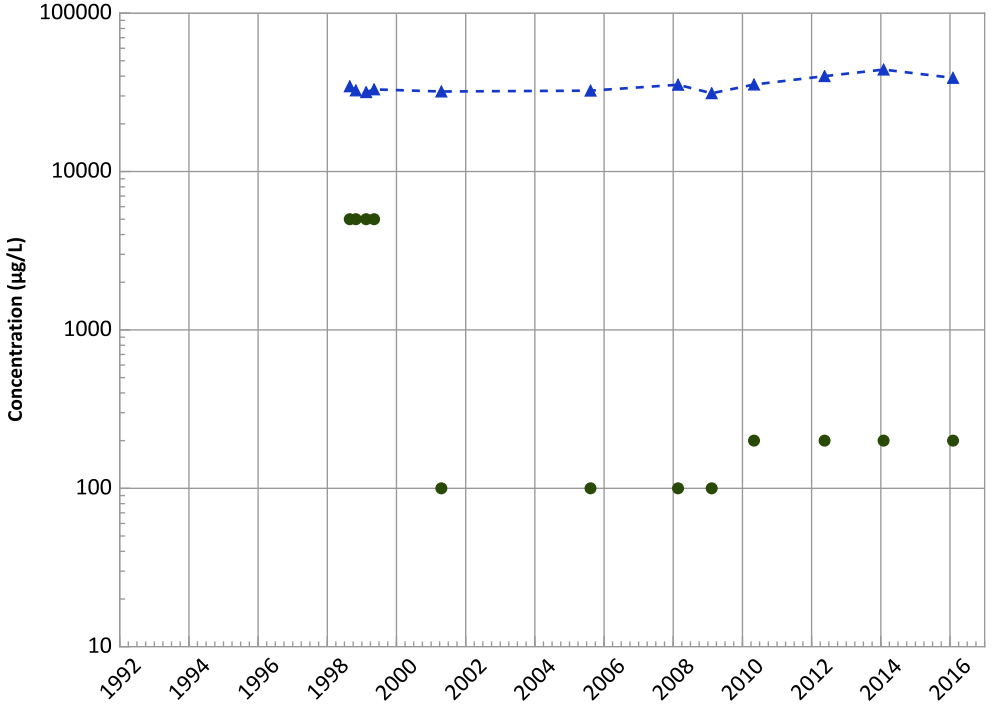


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Calcium Trend



Concentration Trend

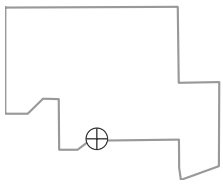
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 08/10/2016
Analysis Date: 03/07/2017

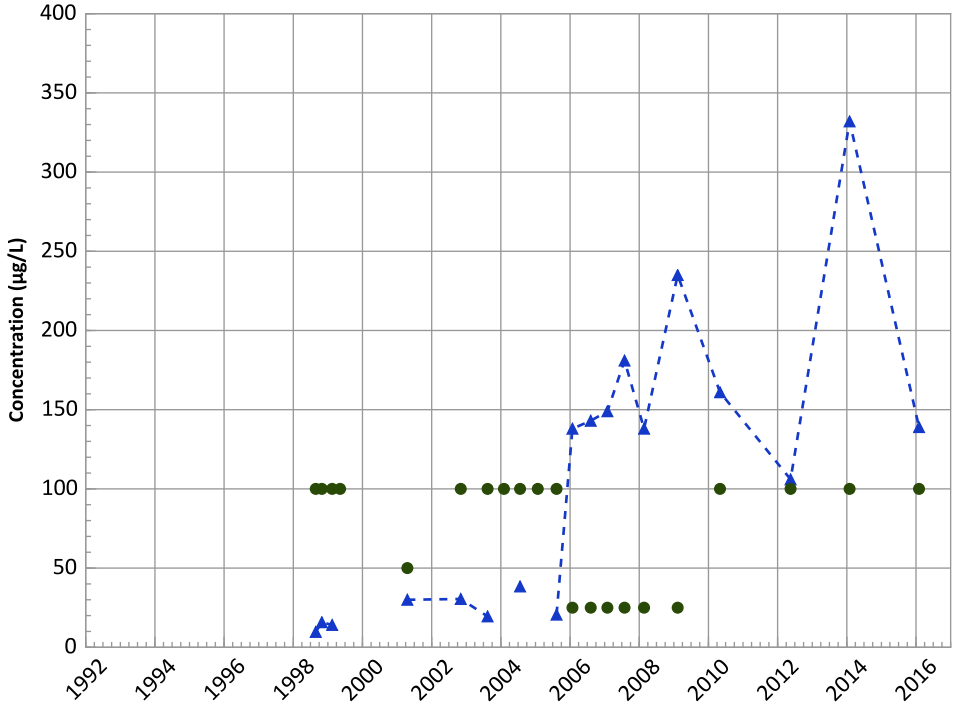
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

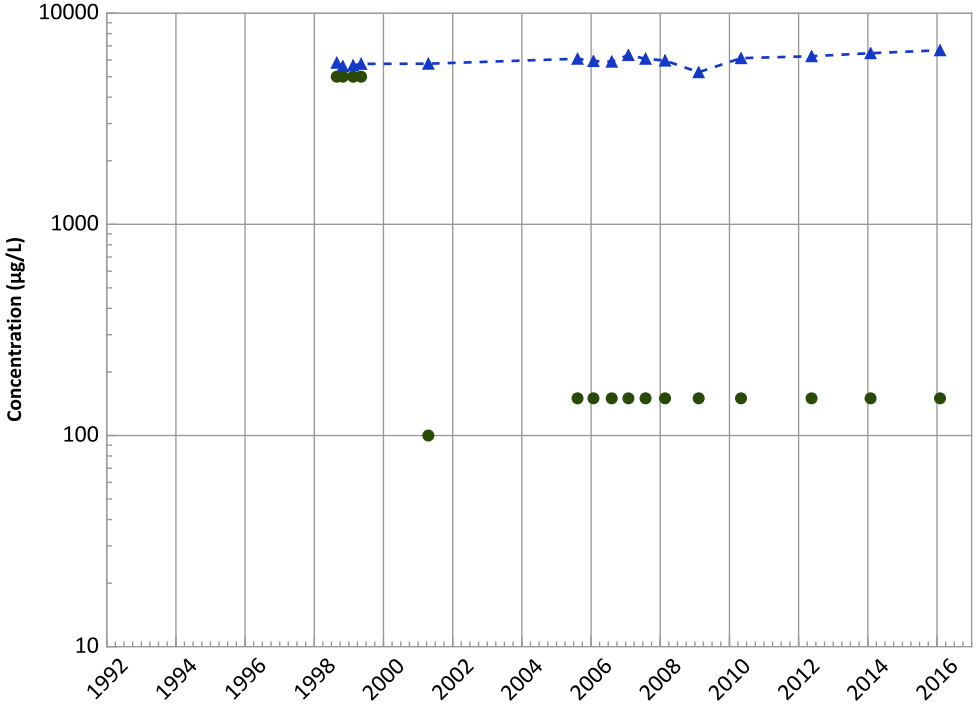


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Potassium Trend



Concentration Trend

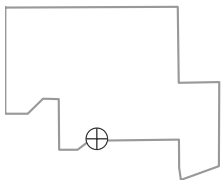
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 08/10/2016
Analysis Date: 03/07/2017

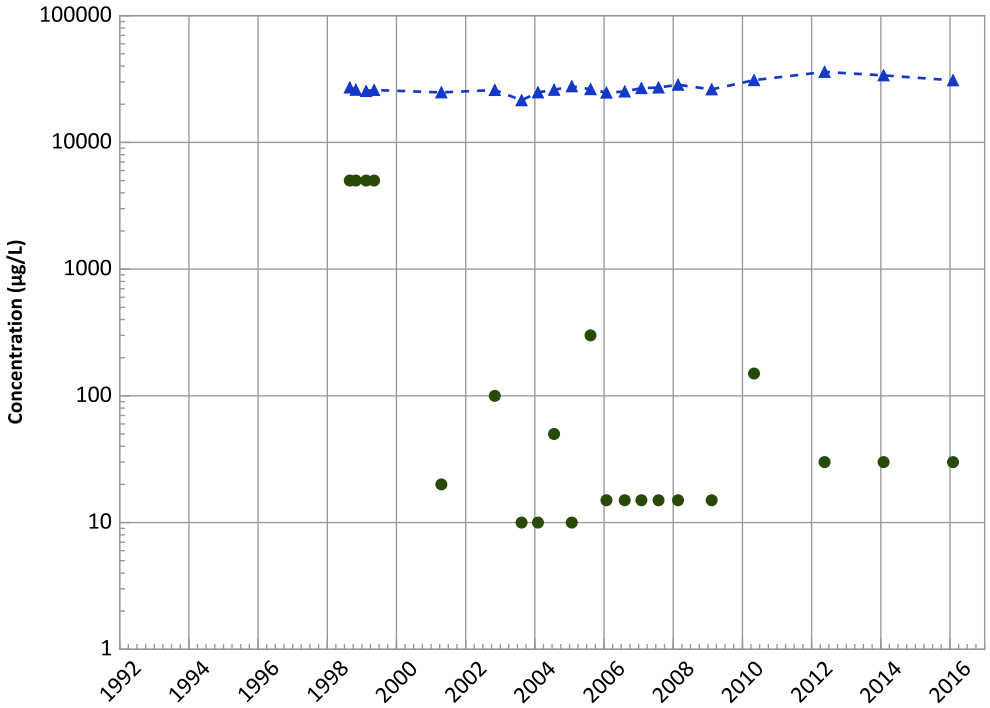
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

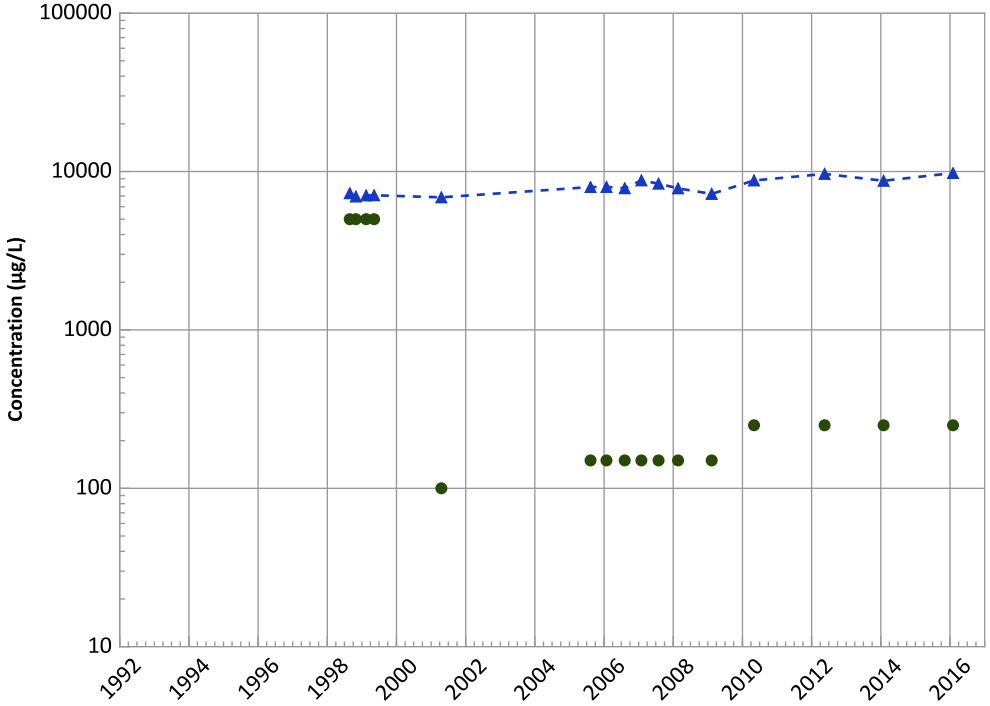


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Sodium Trend



Concentration Trend

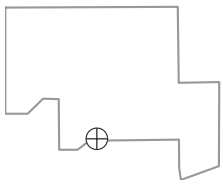
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

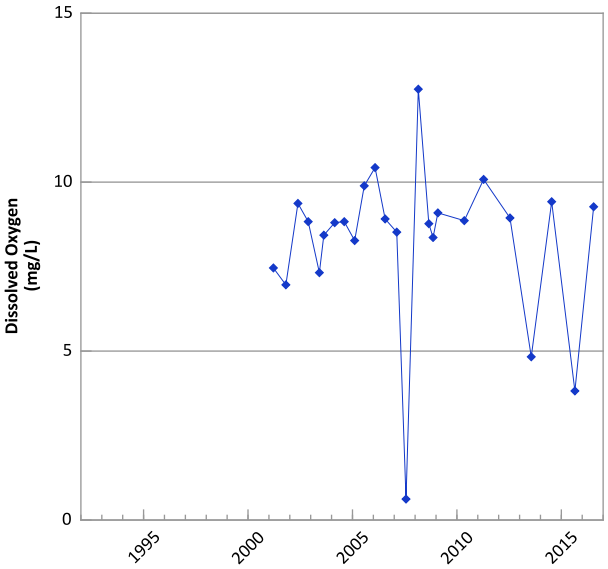
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 08/10/2016
Analysis Date: 03/07/2017

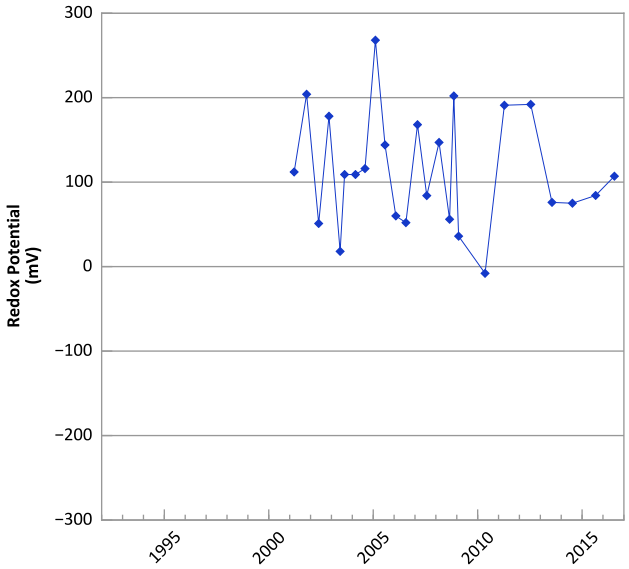
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

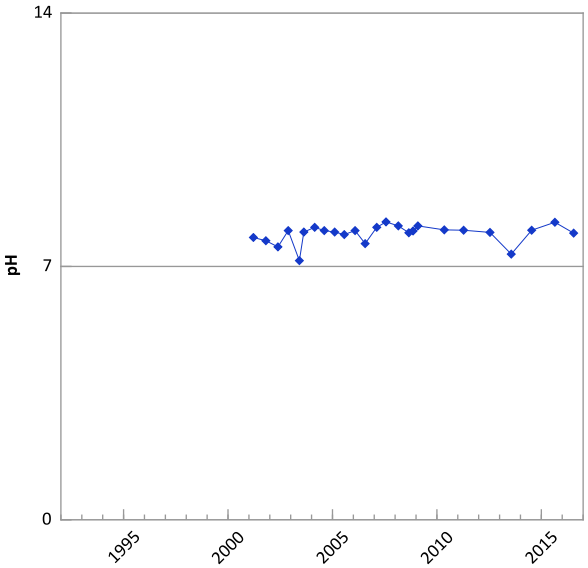
Well Location

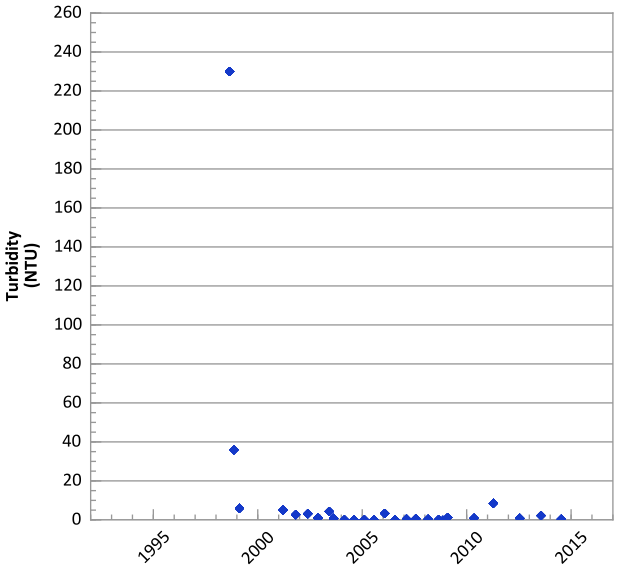


PTX06-1036 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



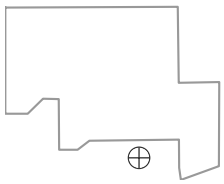






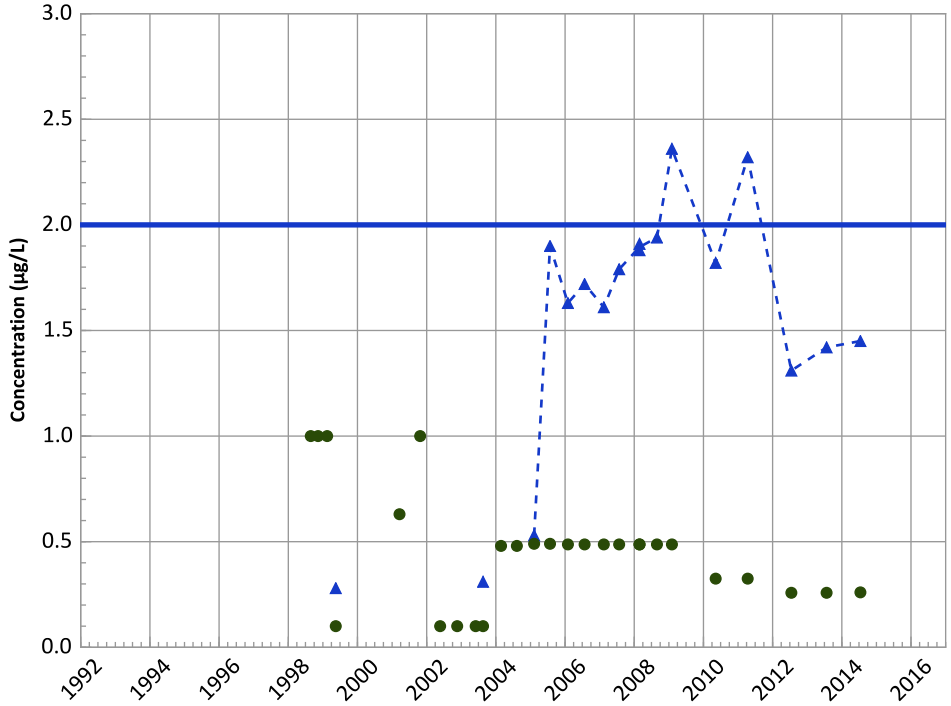
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 07/16/2014
Analysis Date: 03/07/2017

Well Location



PTX06-1036 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

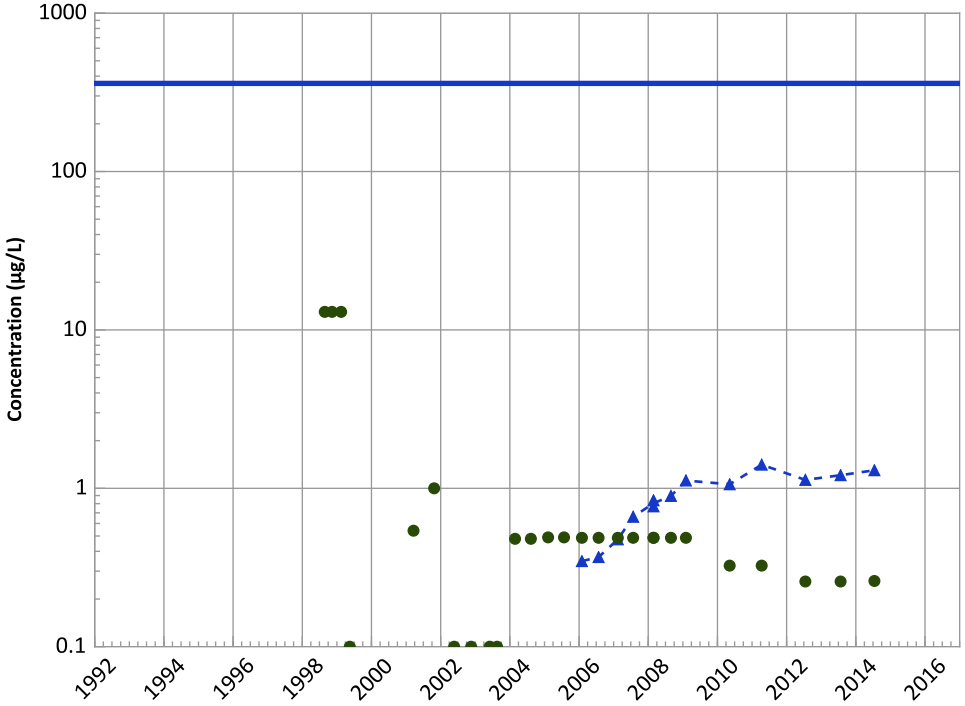


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

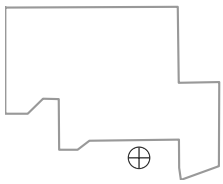
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 07/16/2014
Analysis Date: 03/07/2017

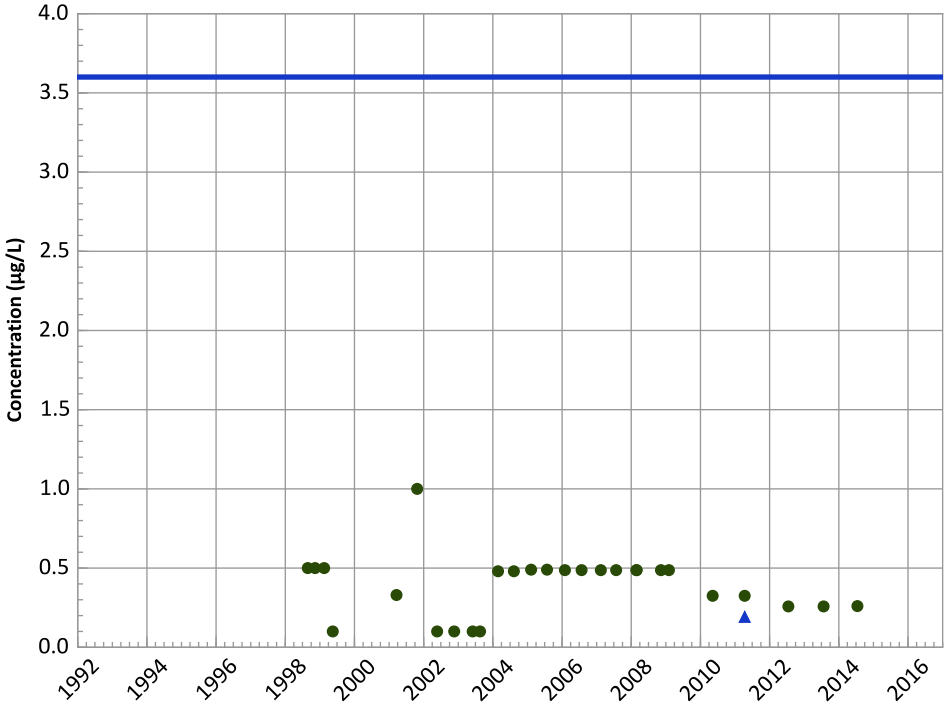
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1036 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

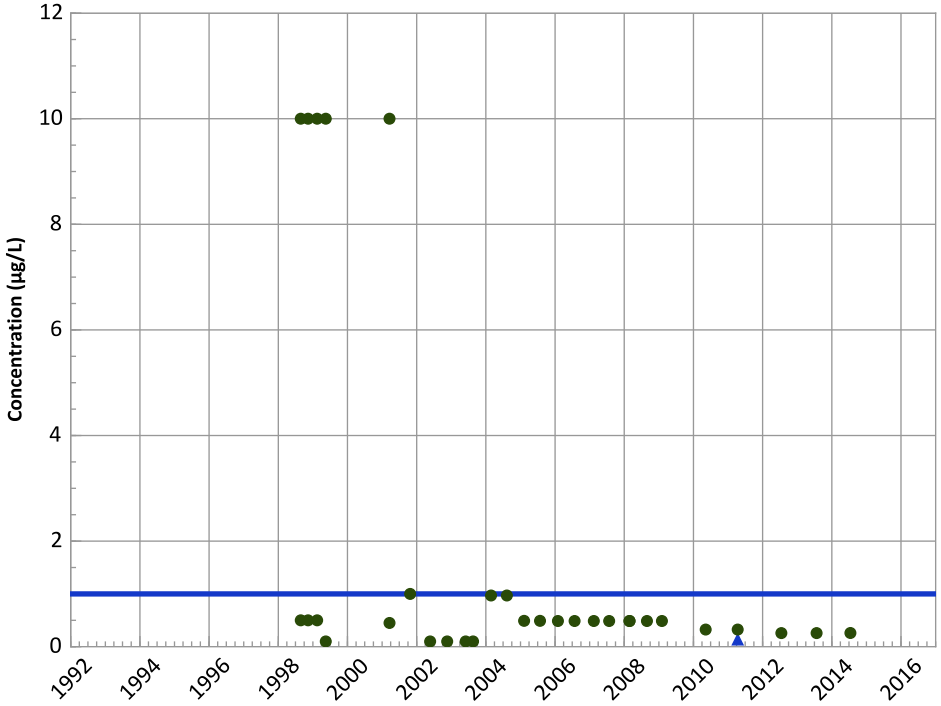


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

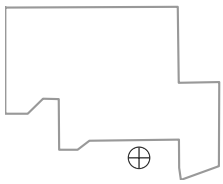
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 07/16/2014
Analysis Date: 03/07/2017

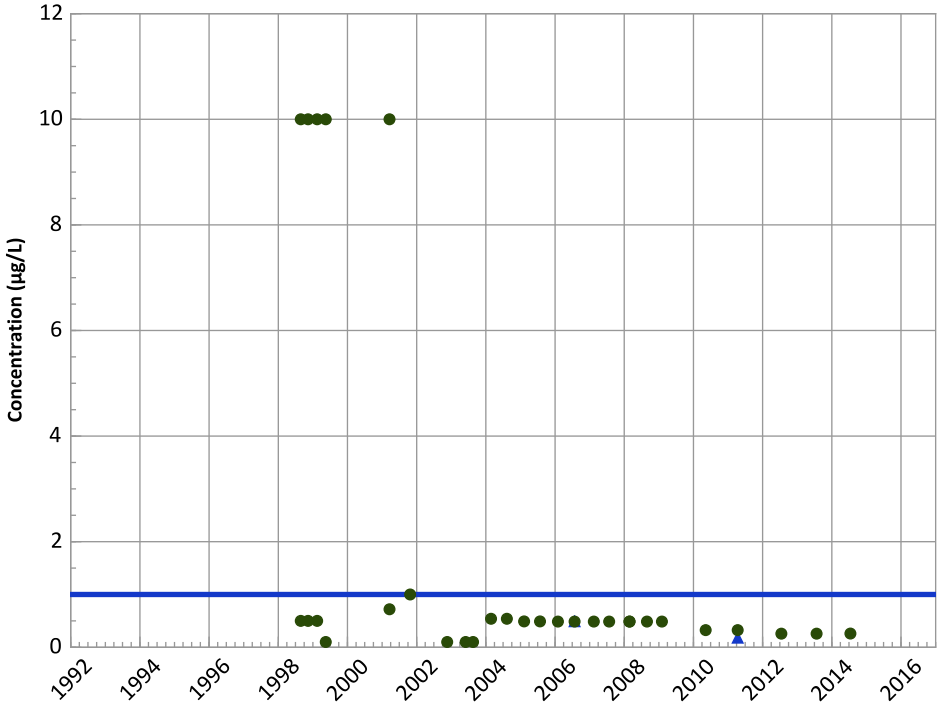
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1036 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

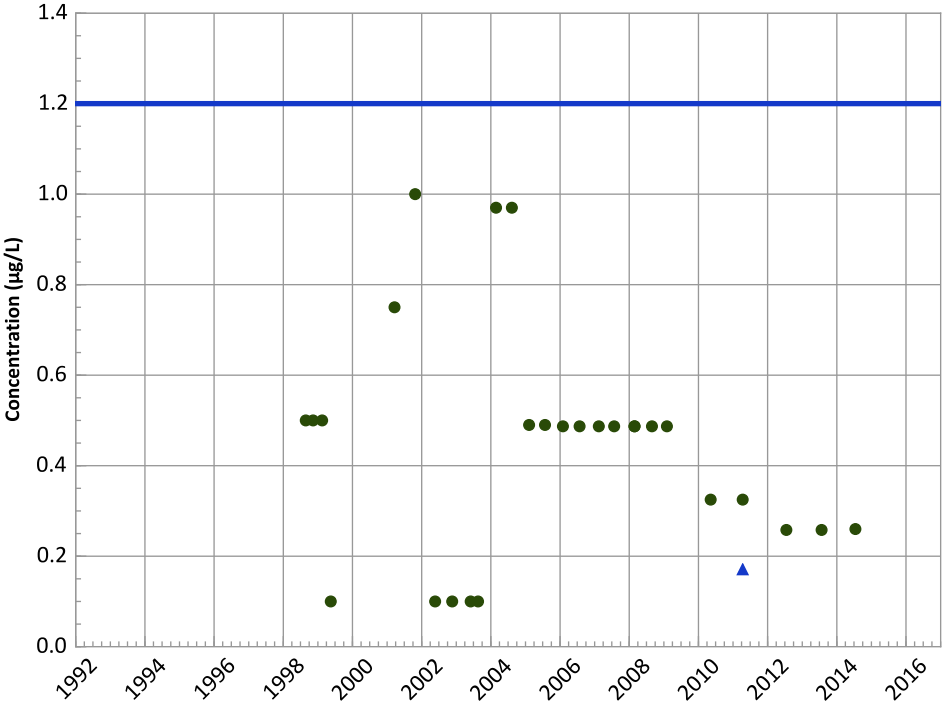


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

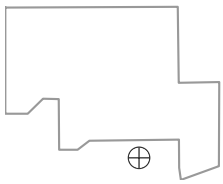
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 07/16/2014
Analysis Date: 03/07/2017

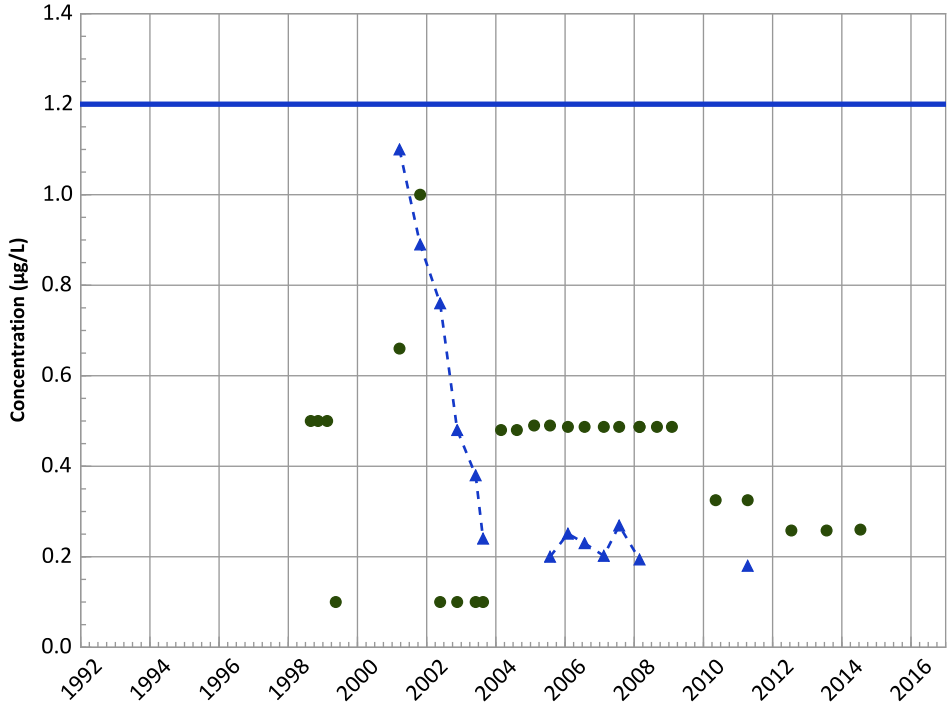
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1036 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

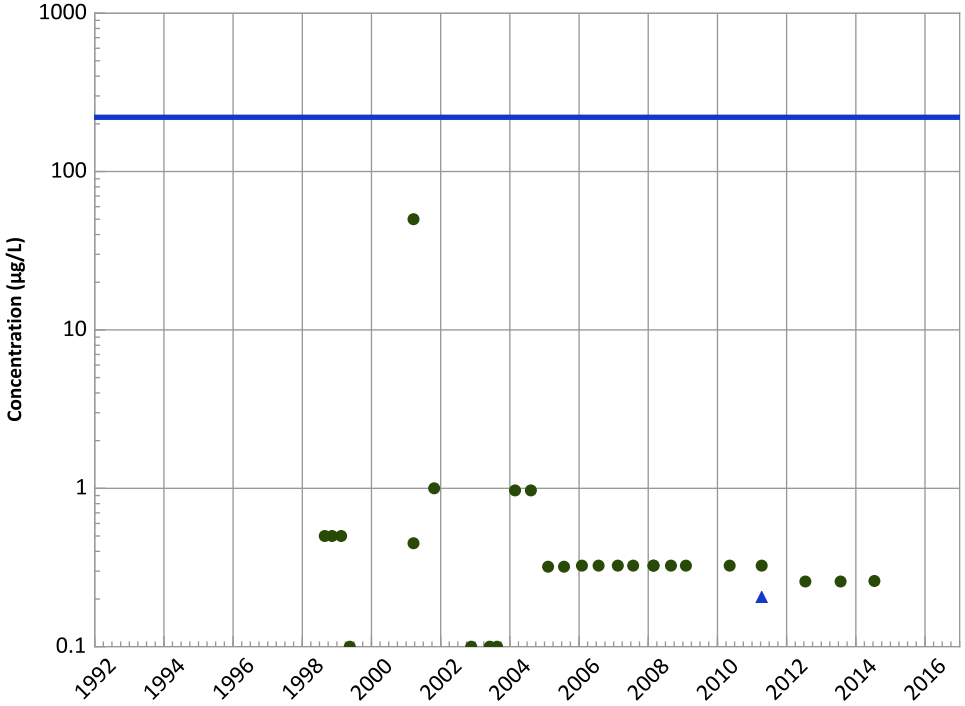


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

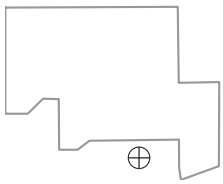
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 07/16/2014
Analysis Date: 03/07/2017

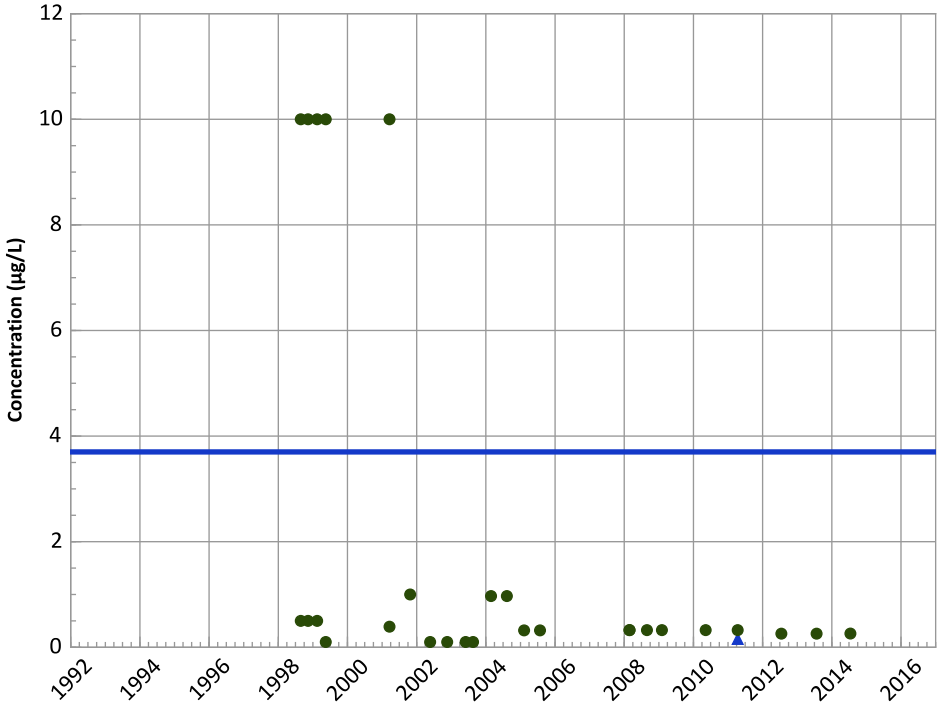
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1036 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

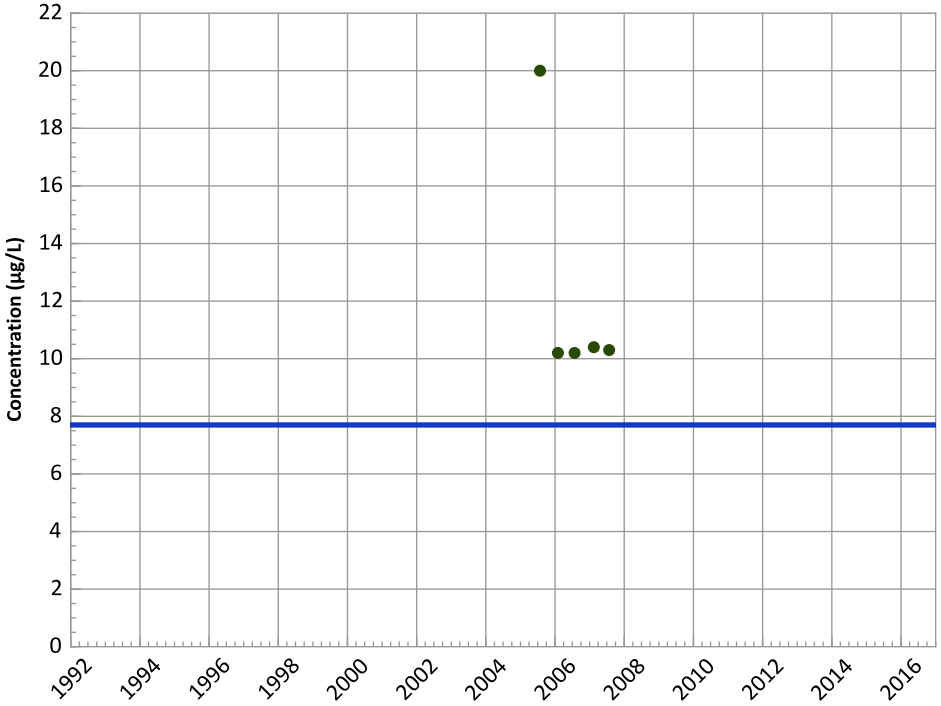


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

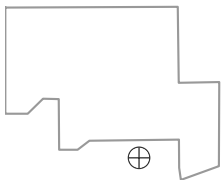
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 07/16/2014
Analysis Date: 03/07/2017

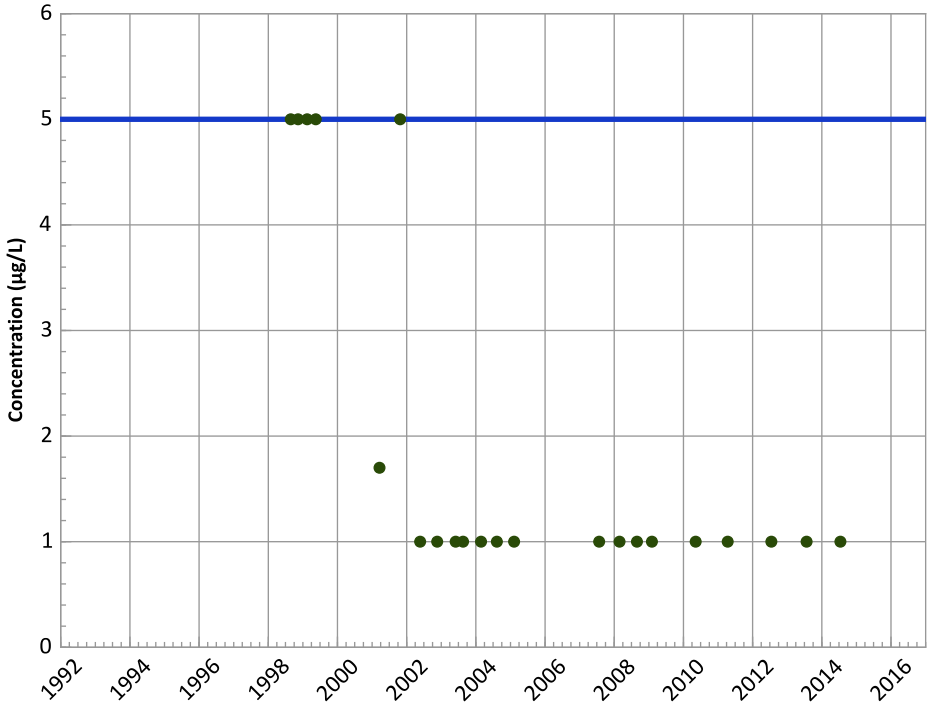
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1036 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

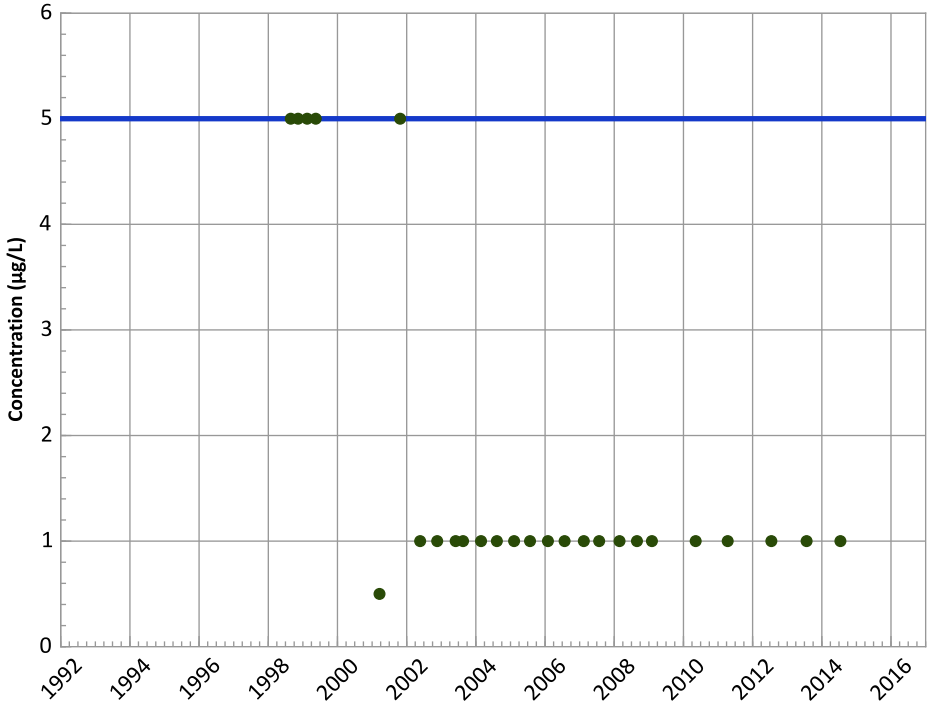


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

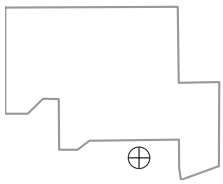
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 07/16/2014
Analysis Date: 03/07/2017

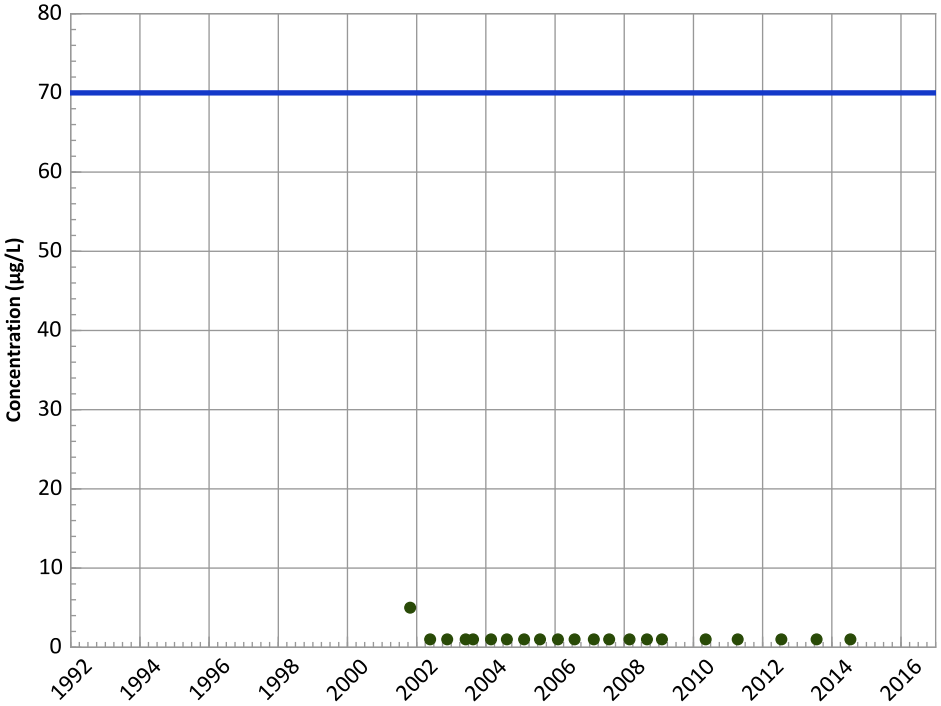
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1036 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

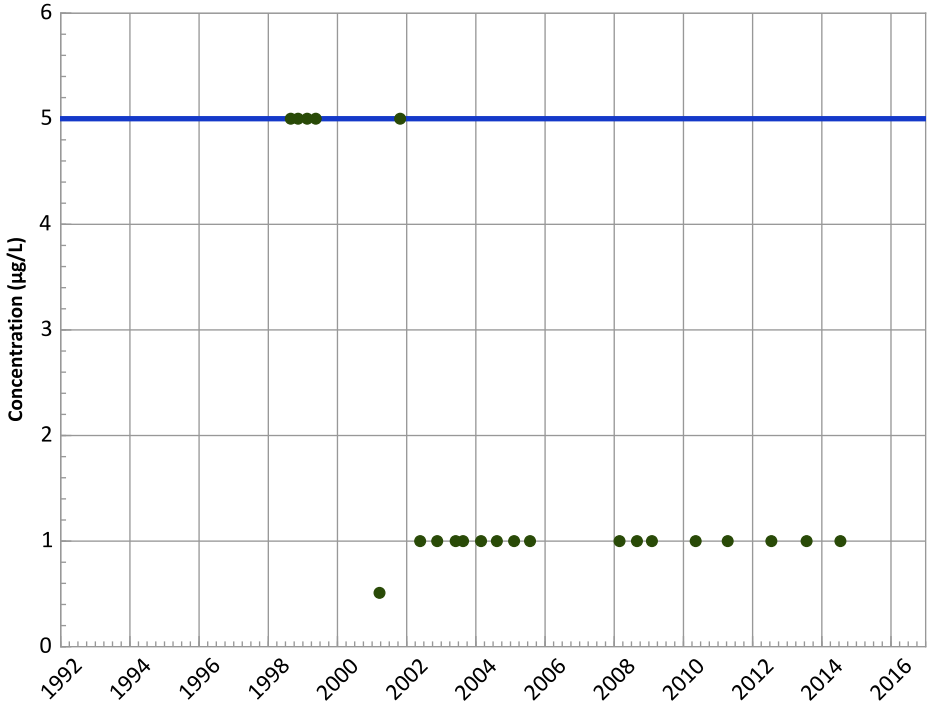


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

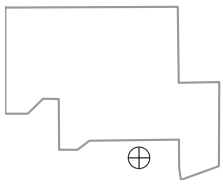
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 07/16/2014
Analysis Date: 03/07/2017

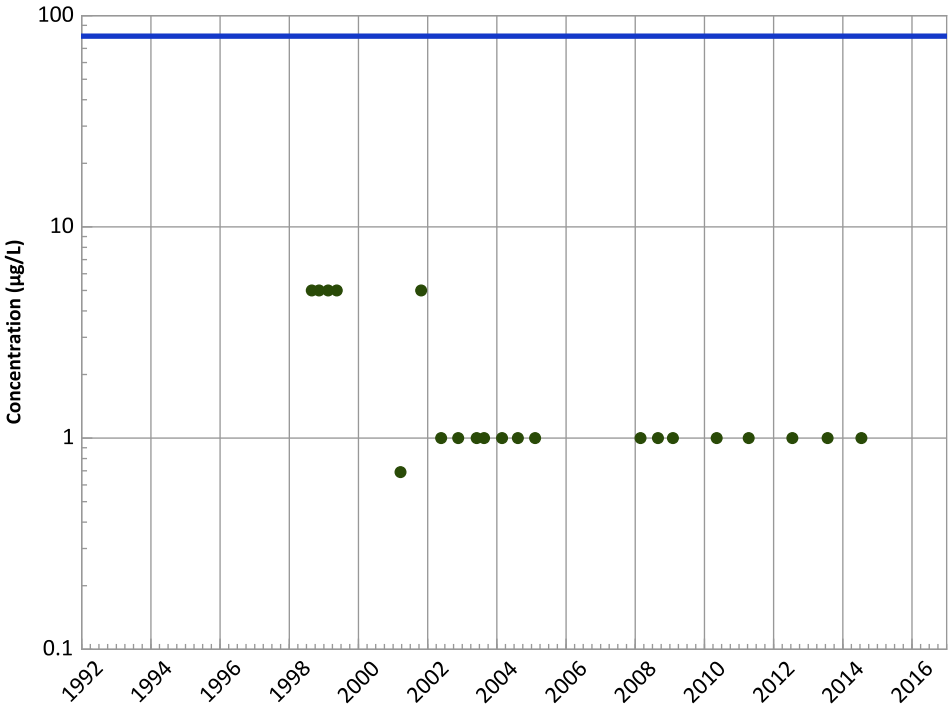
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1036 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

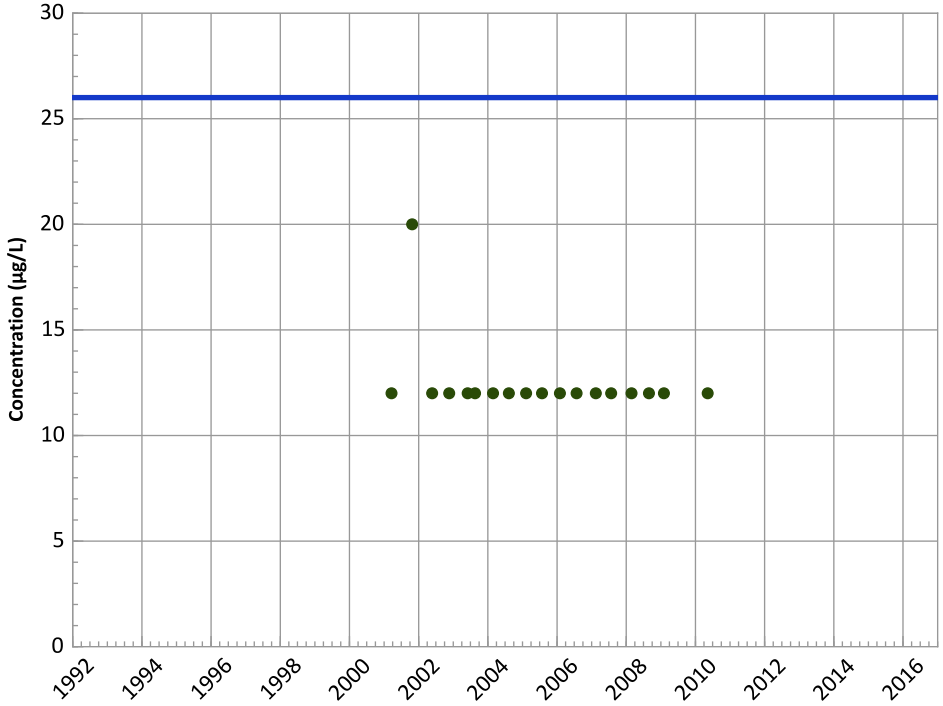


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

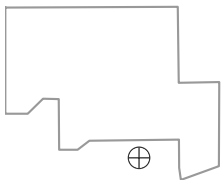
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 07/16/2014
Analysis Date: 03/07/2017

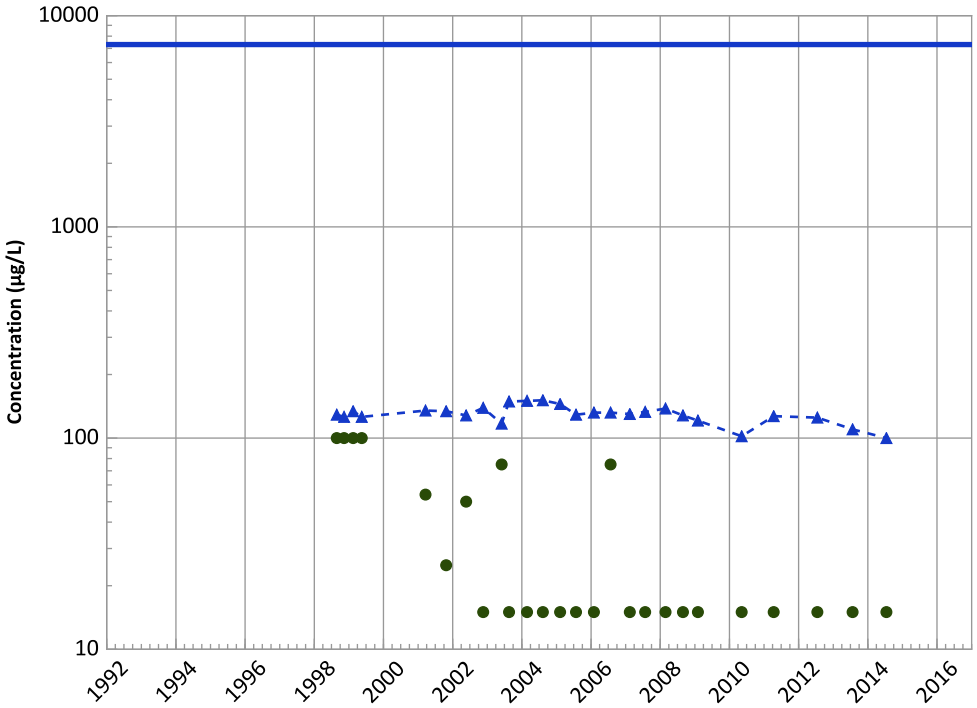
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1036 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

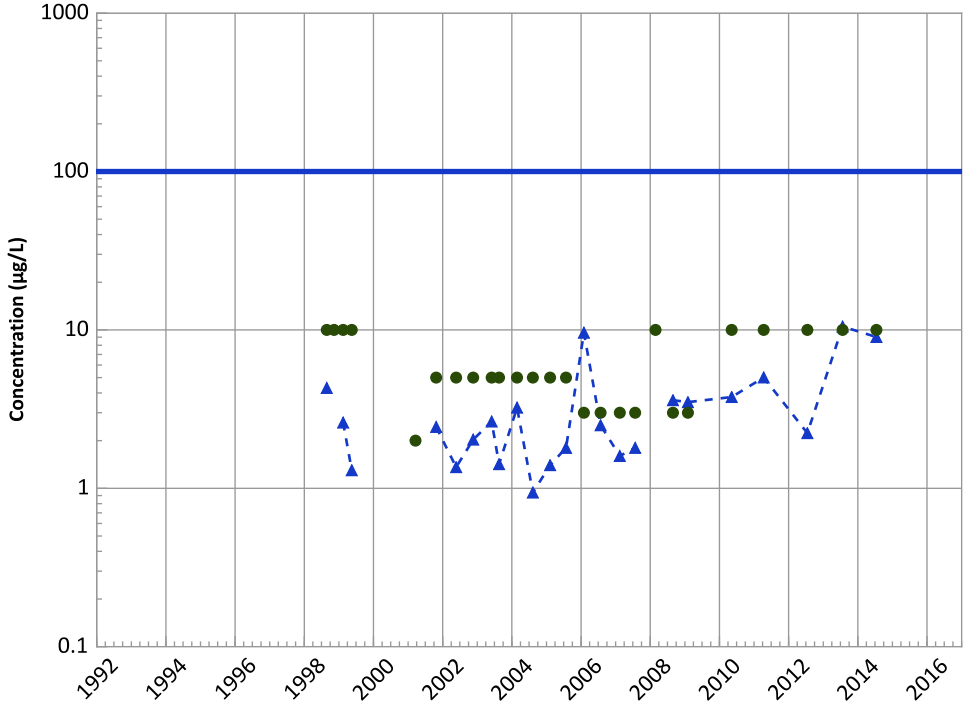


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

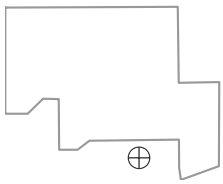
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 07/16/2014
Analysis Date: 03/07/2017

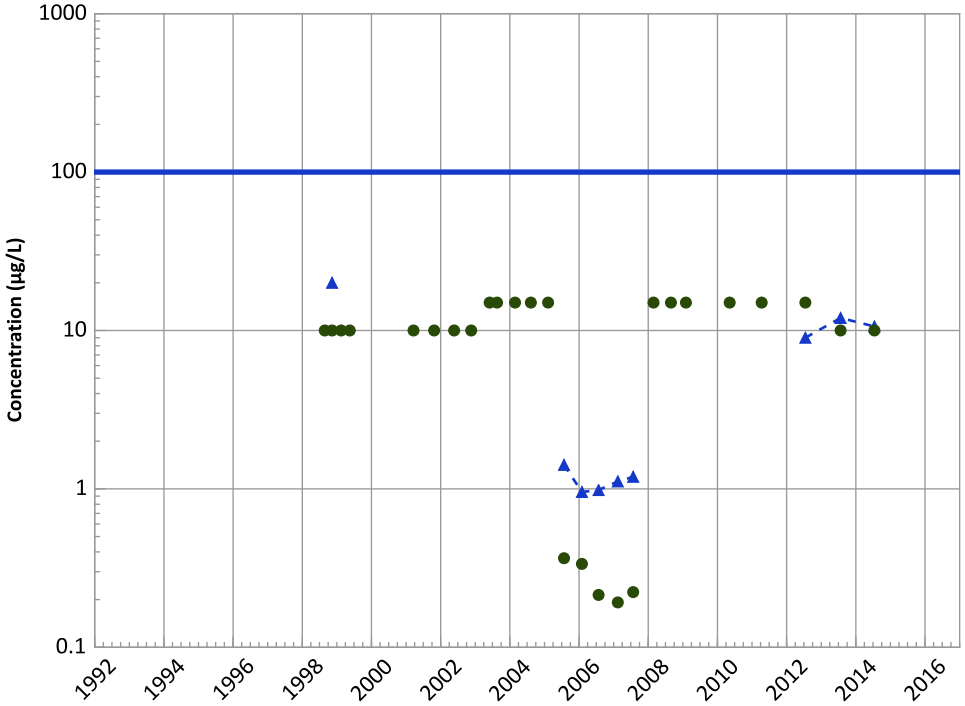
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1036 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

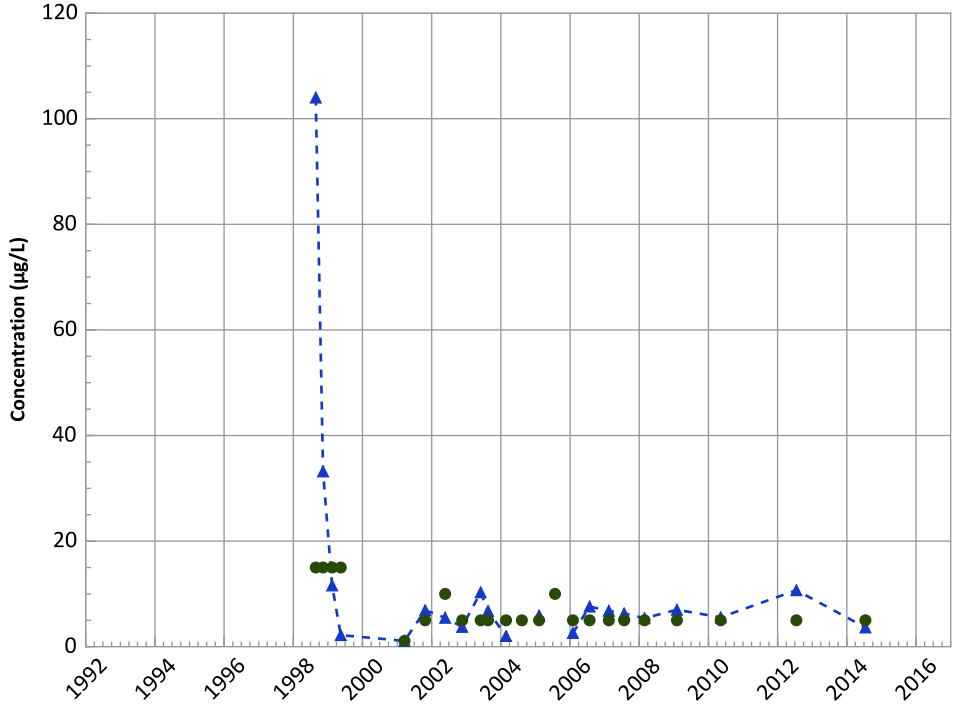


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Manganese Trend



Concentration Trend

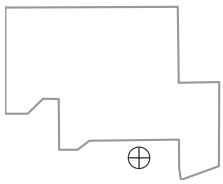
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 07/16/2014
Analysis Date: 03/07/2017

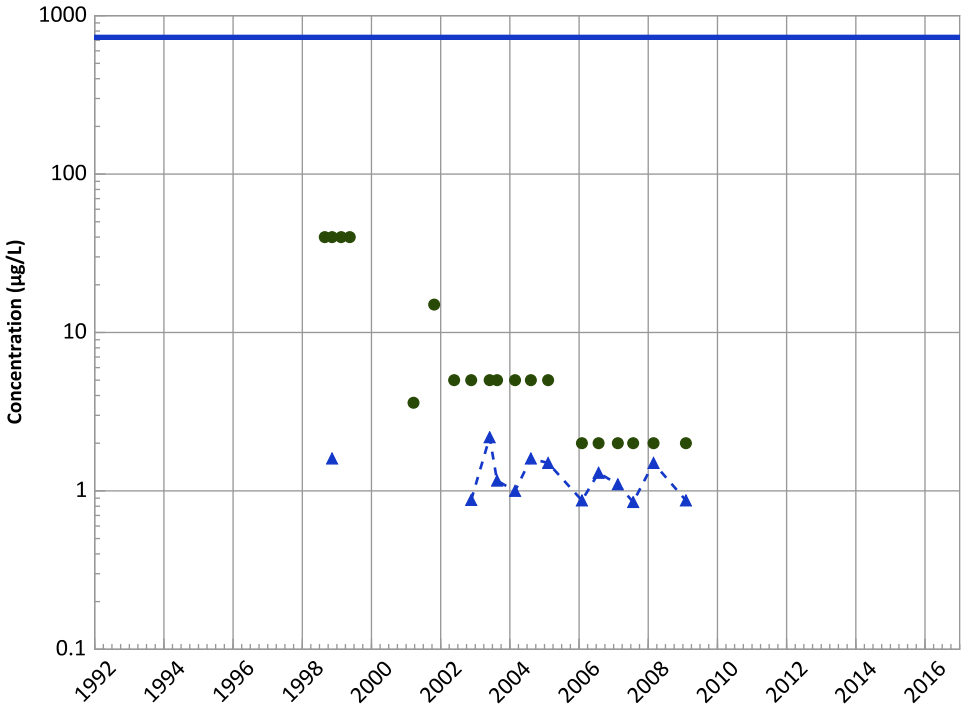
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1036 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

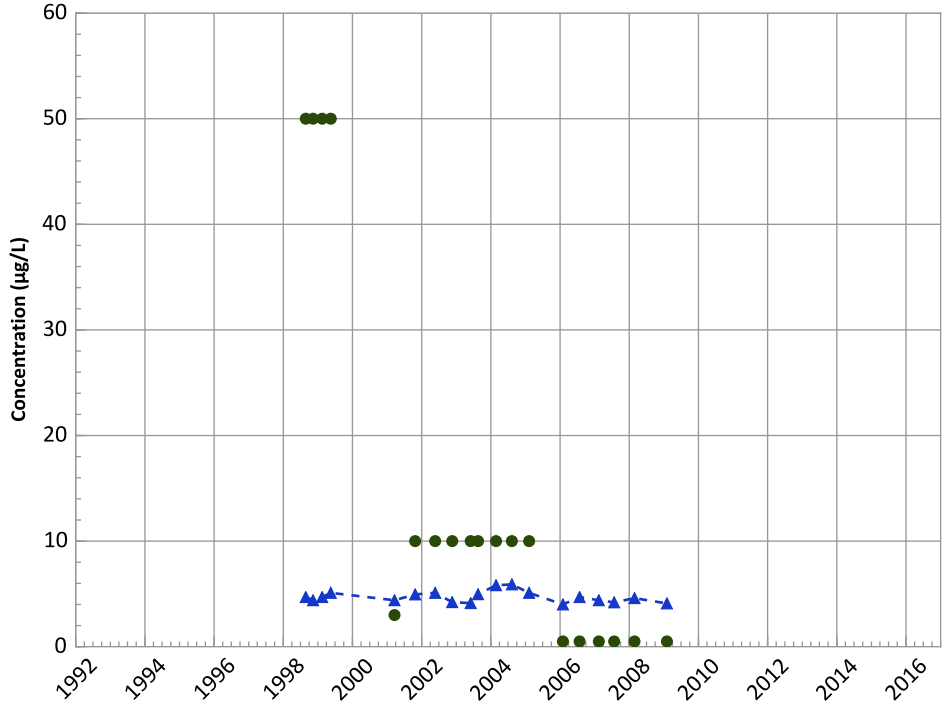


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Decreasing

Molybdenum Trend



Concentration Trend

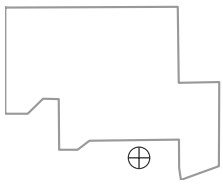
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 07/16/2014
Analysis Date: 03/07/2017

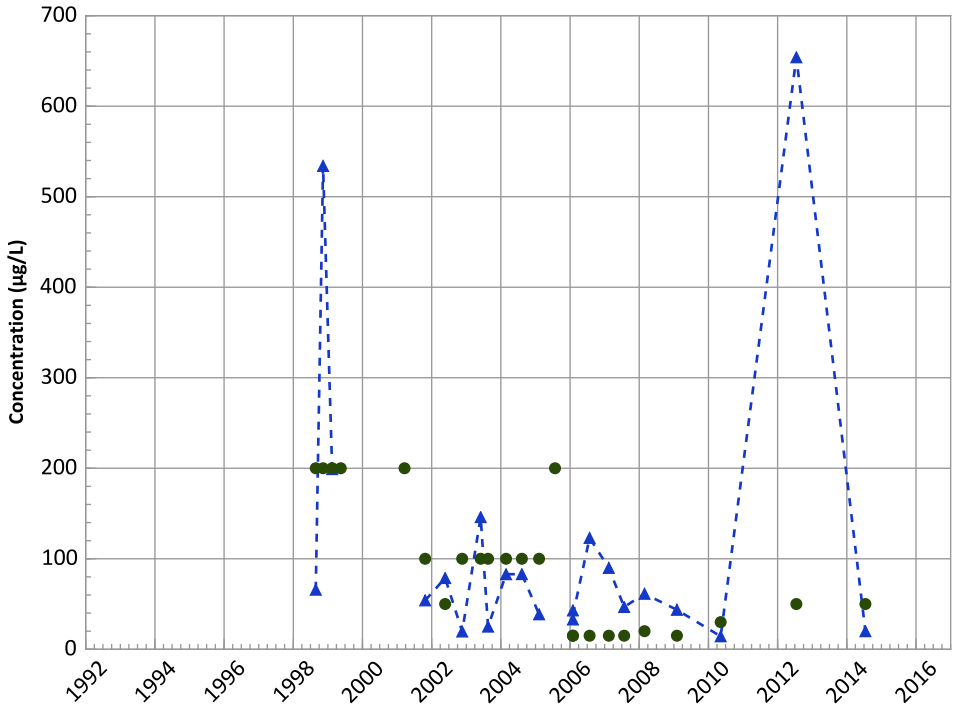
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1036 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

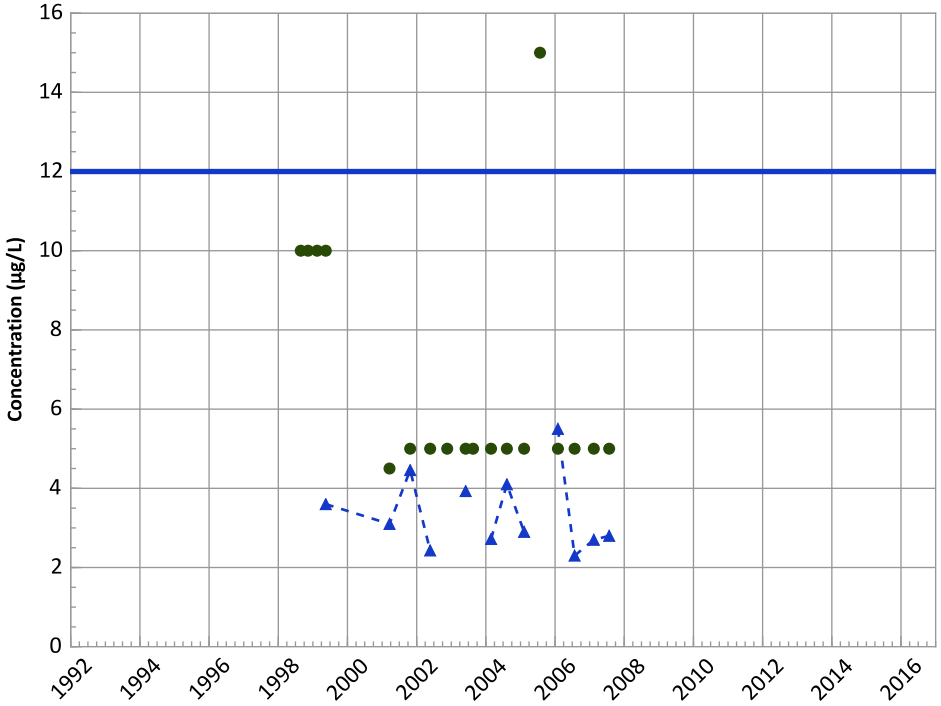


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Arsenic Trend



Concentration Trend

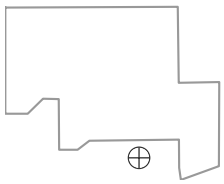
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 07/16/2014
Analysis Date: 03/07/2017

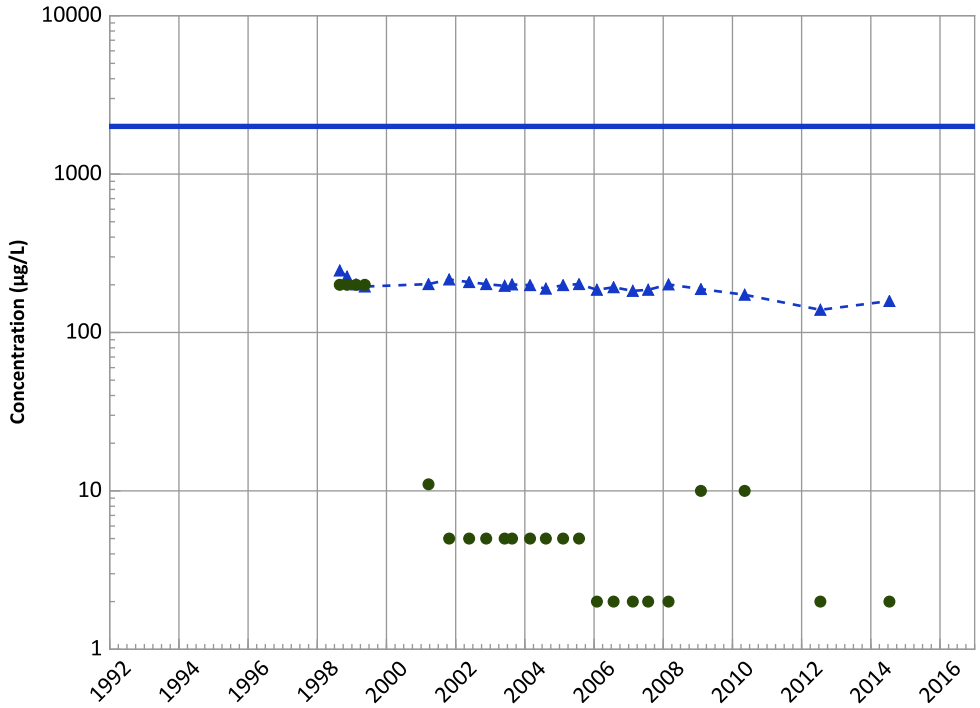
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1036 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

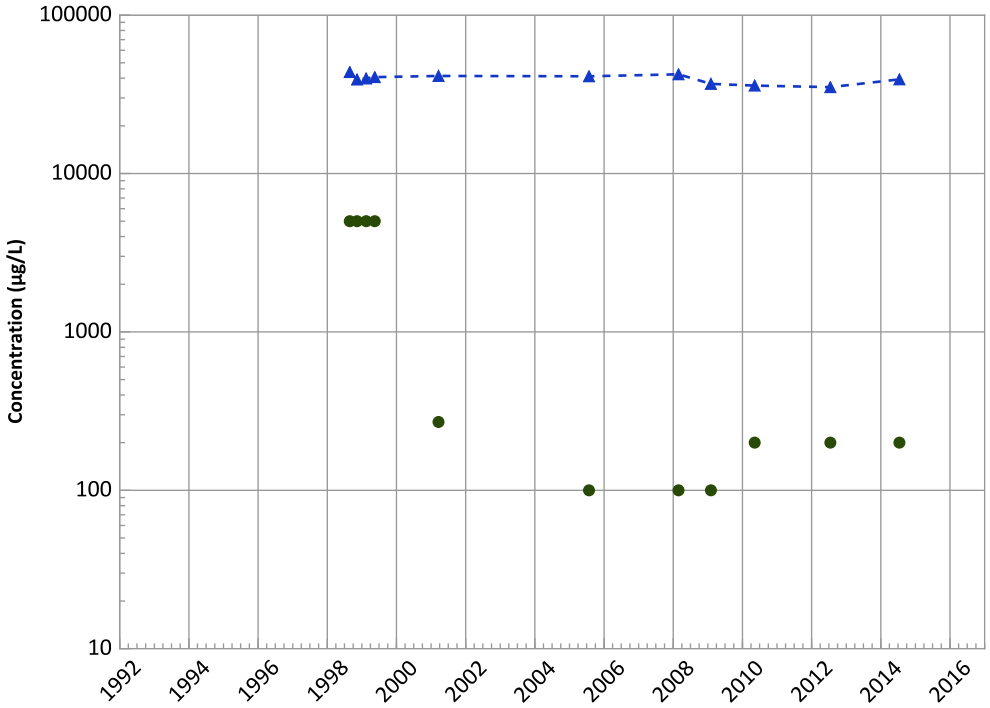


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Calcium Trend



Concentration Trend

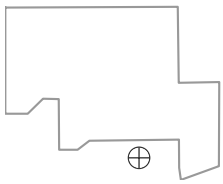
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 07/16/2014
Analysis Date: 03/07/2017

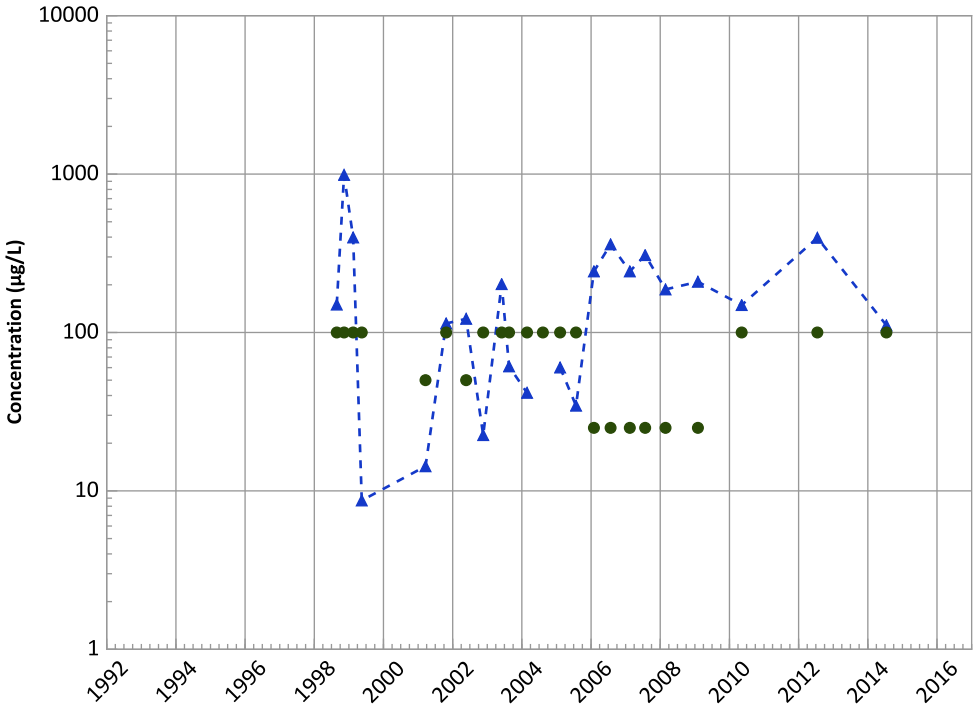
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1036 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

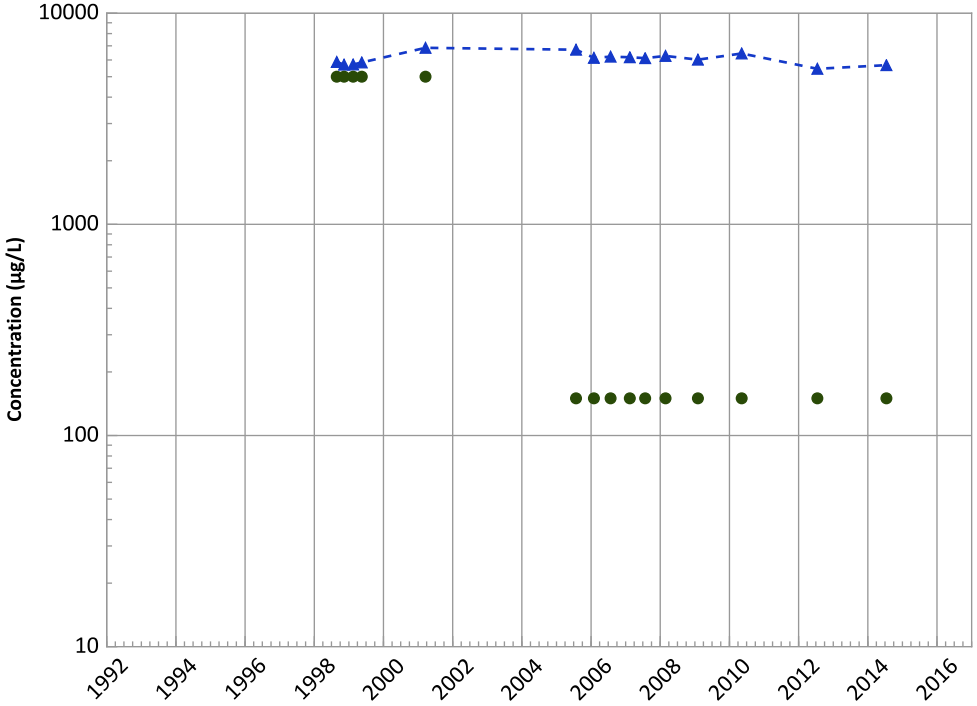


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Potassium Trend



Concentration Trend

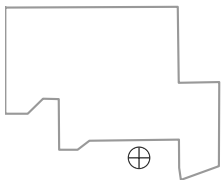
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 07/16/2014
Analysis Date: 03/07/2017

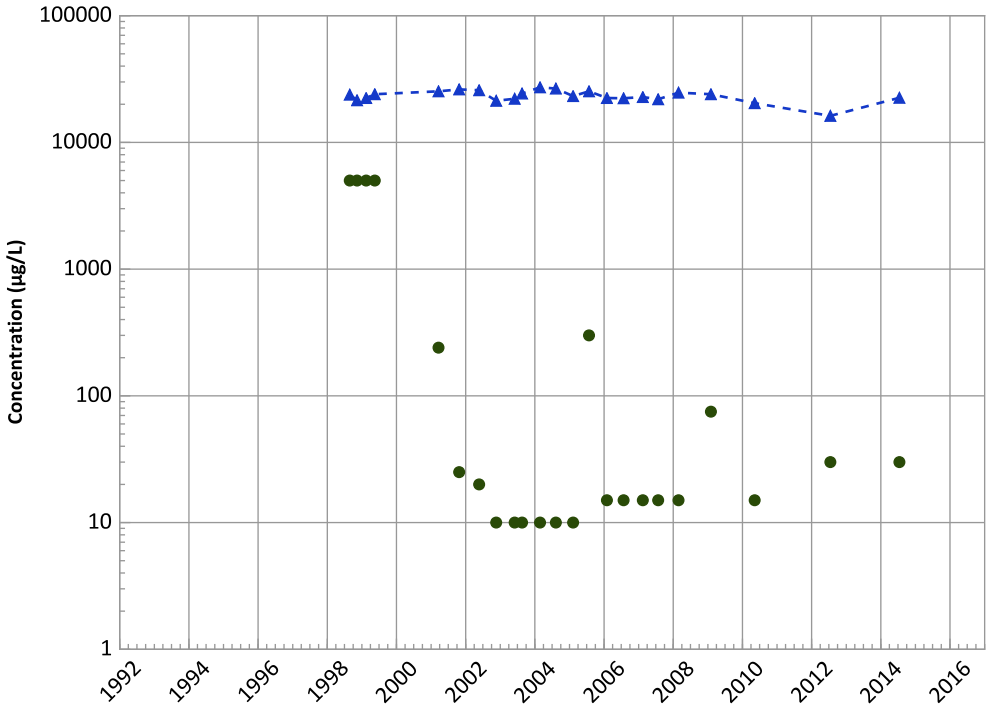
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1036 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

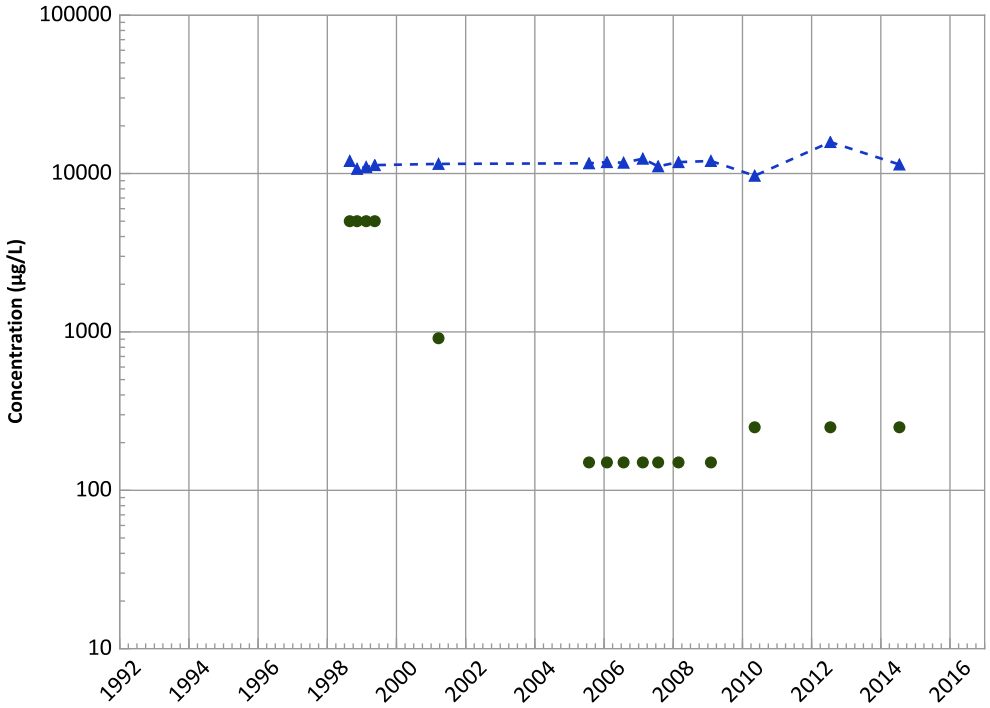


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Sodium Trend



Concentration Trend

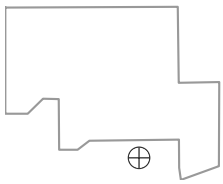
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

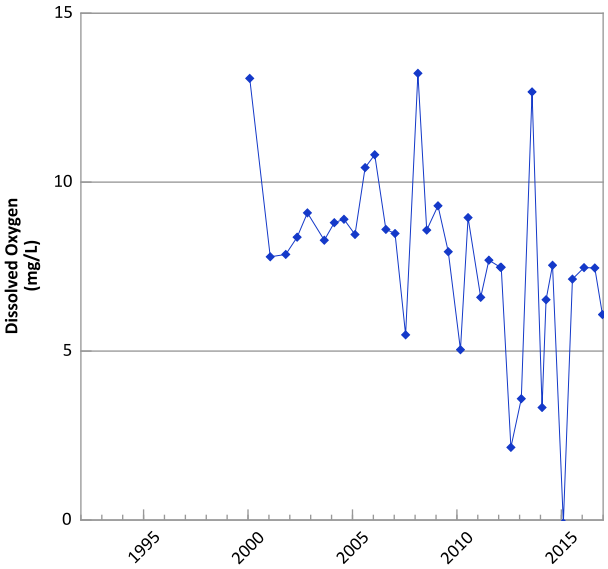
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/1998 to 07/16/2014
Analysis Date: 03/07/2017

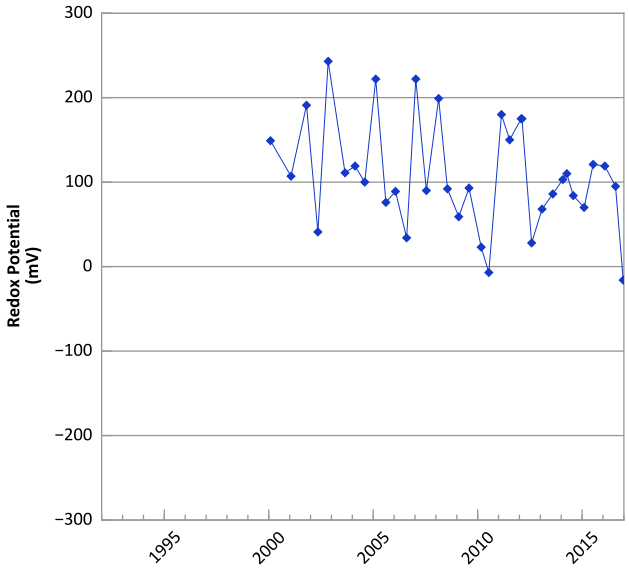
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

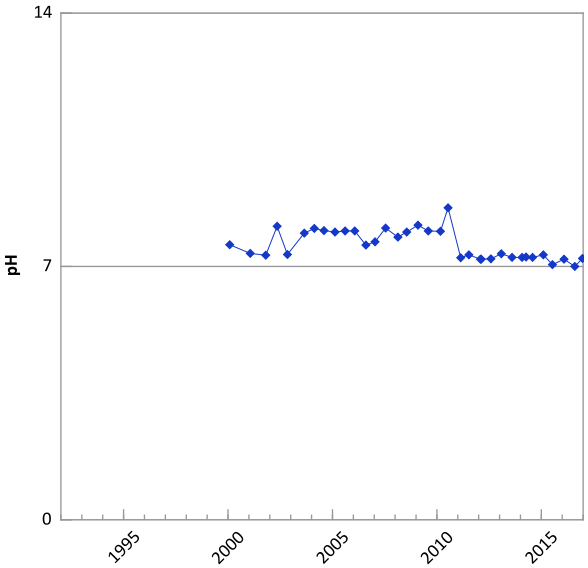
Well Location

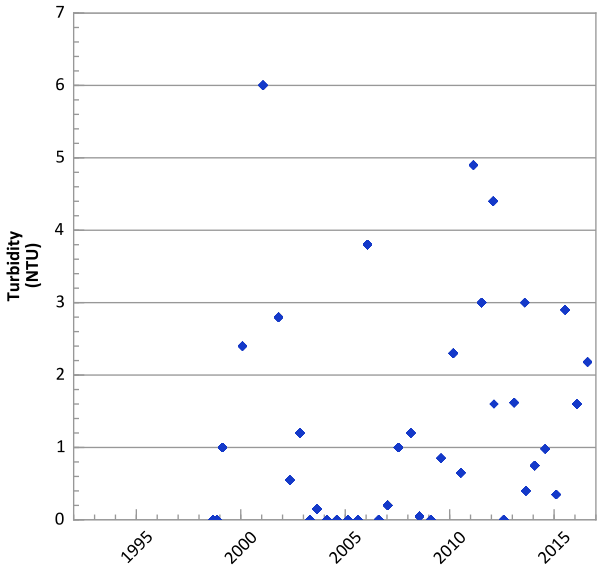


PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



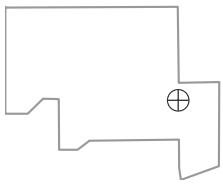






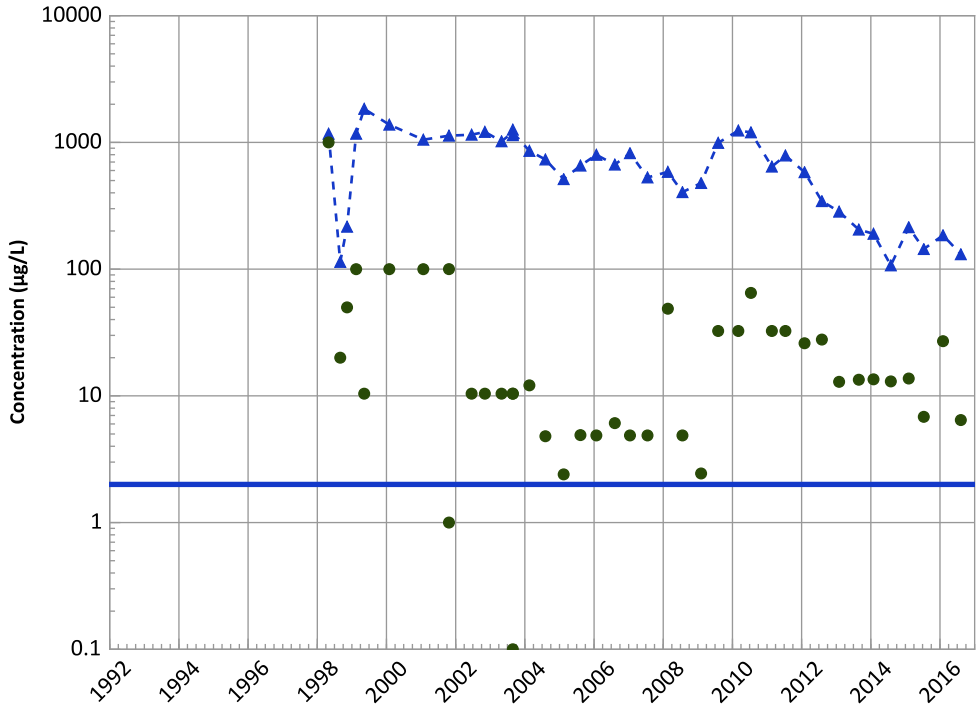
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

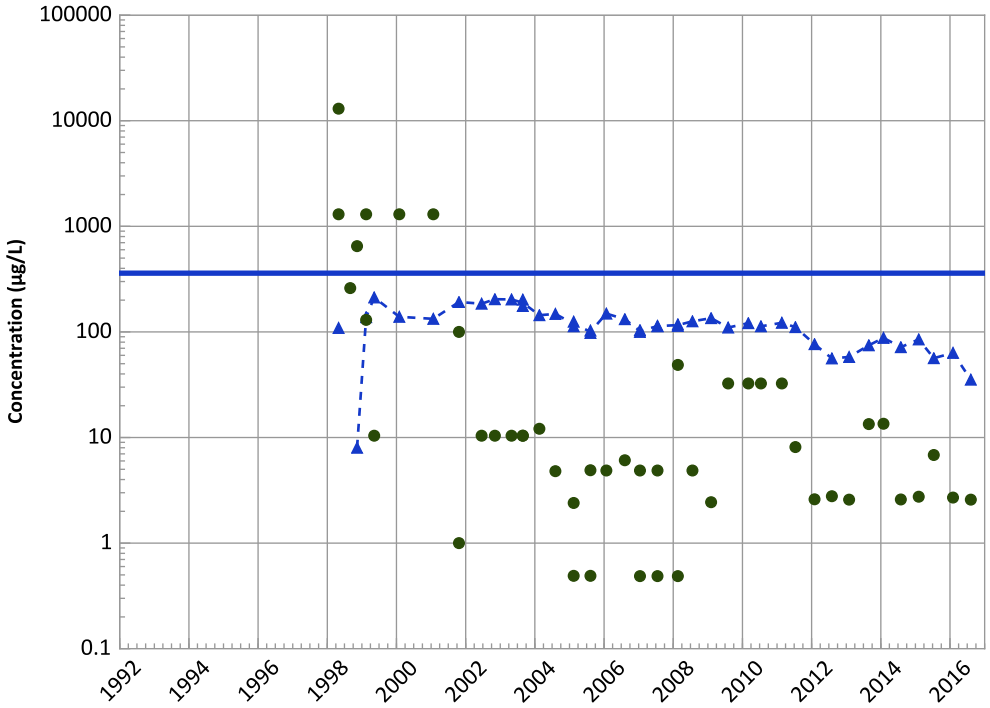


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

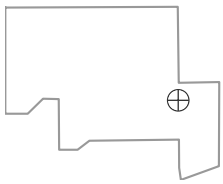
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

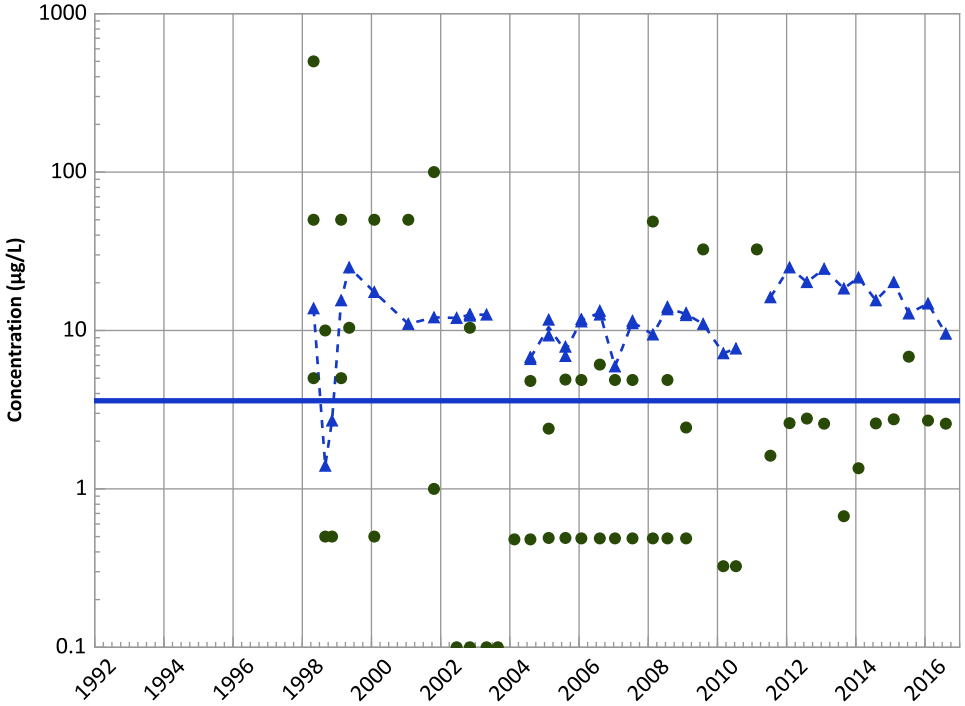
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

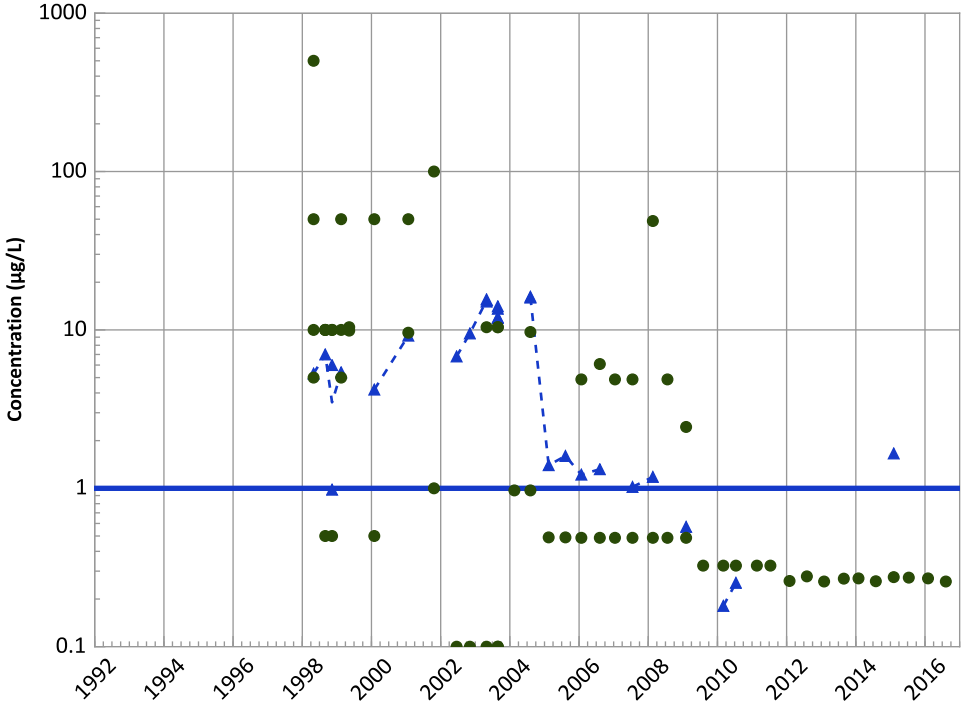


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

2,4-Dinitrotoluene Trend



Concentration Trend

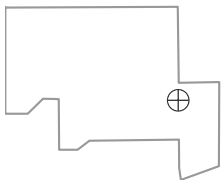
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

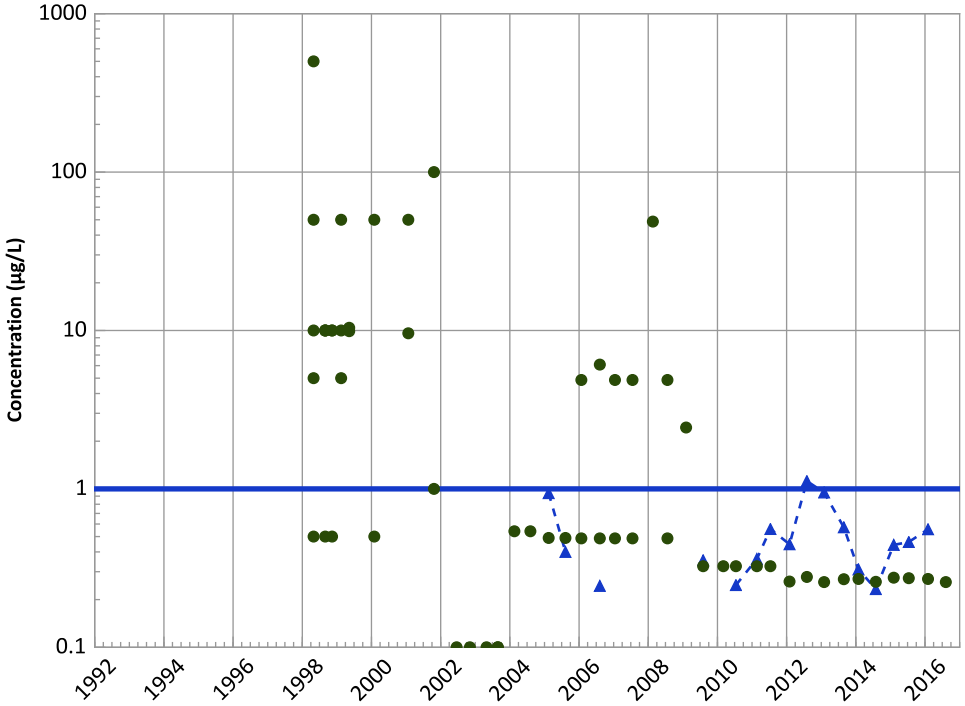
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

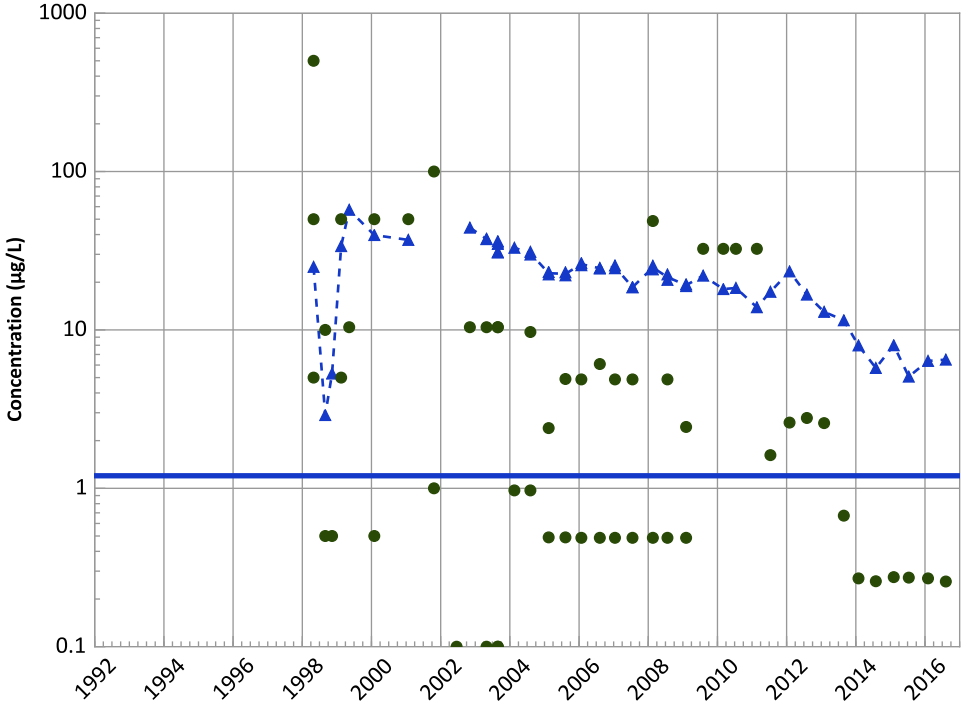


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

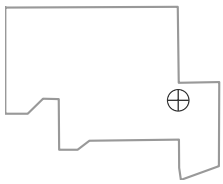
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

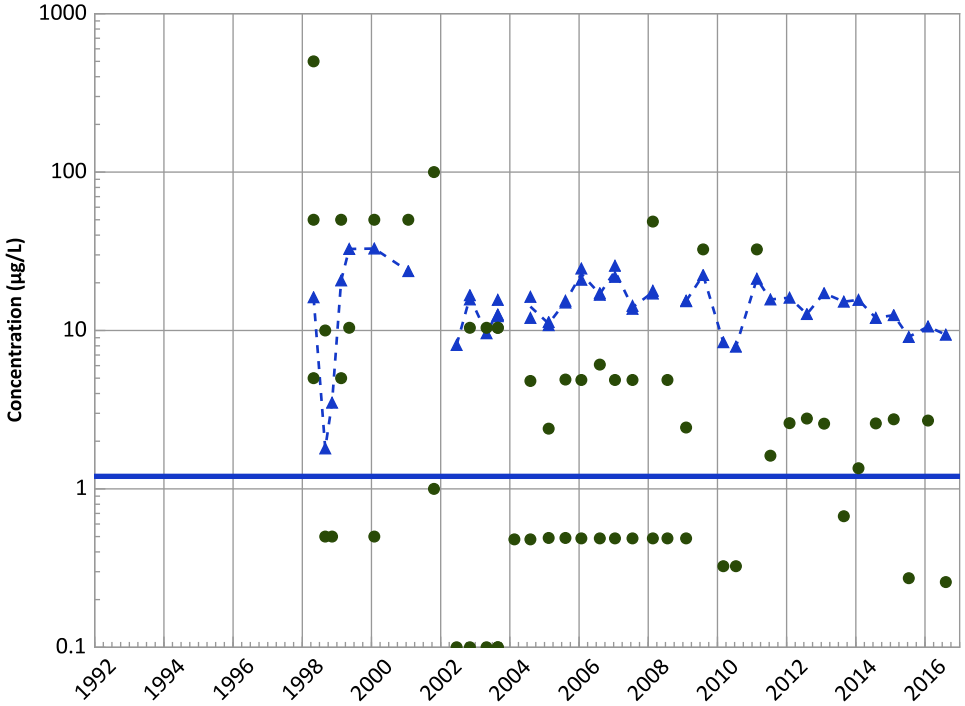
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

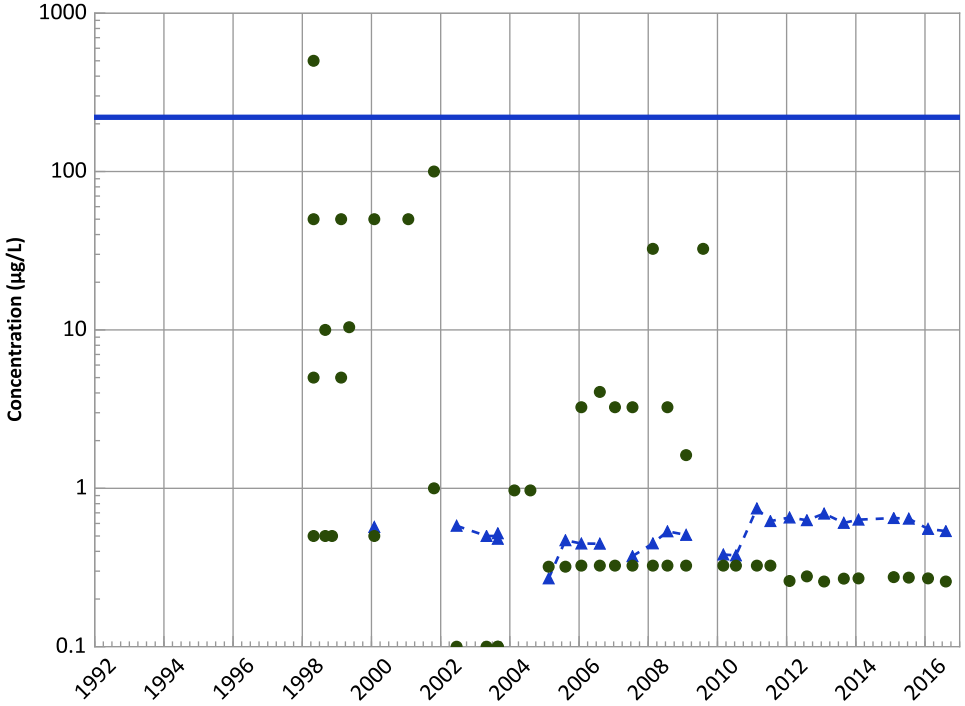


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

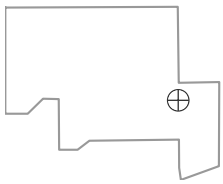
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

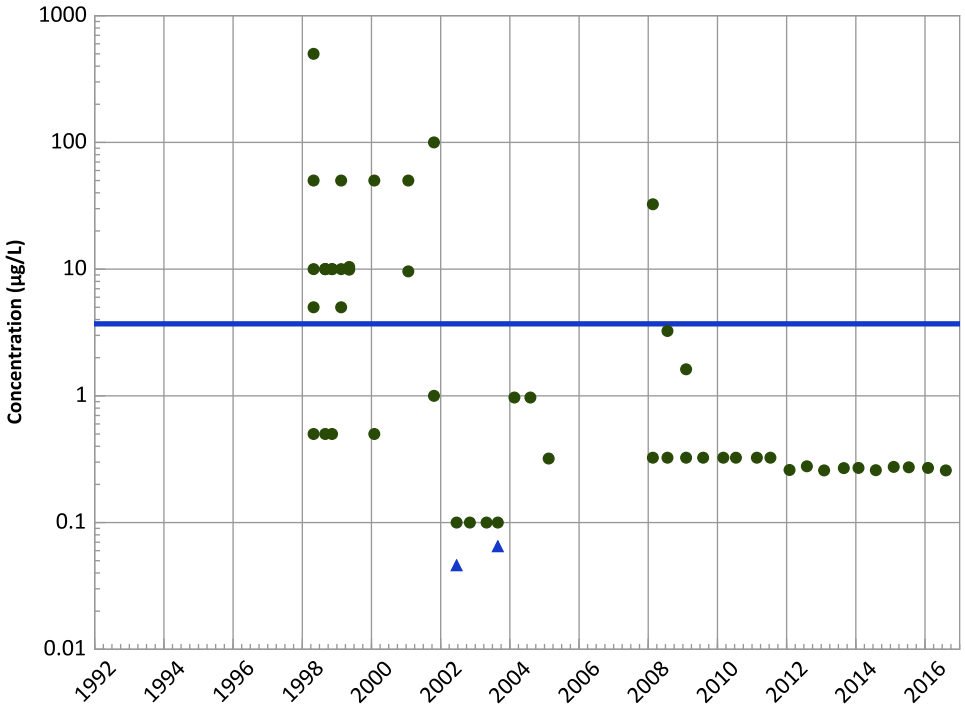
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

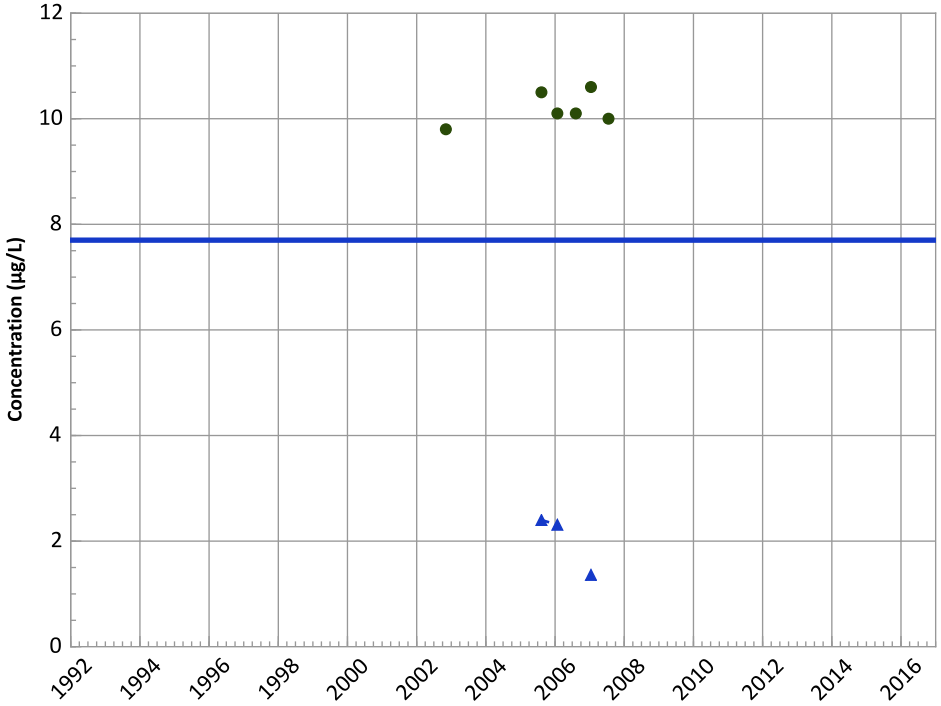


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

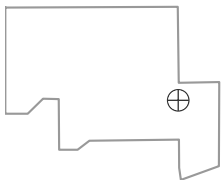
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

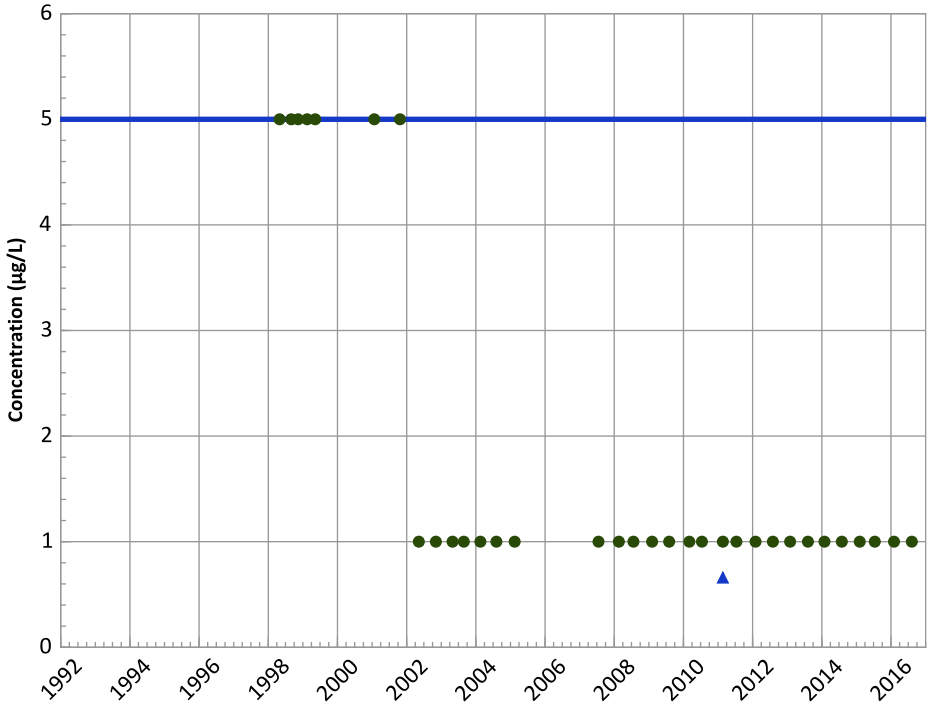
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

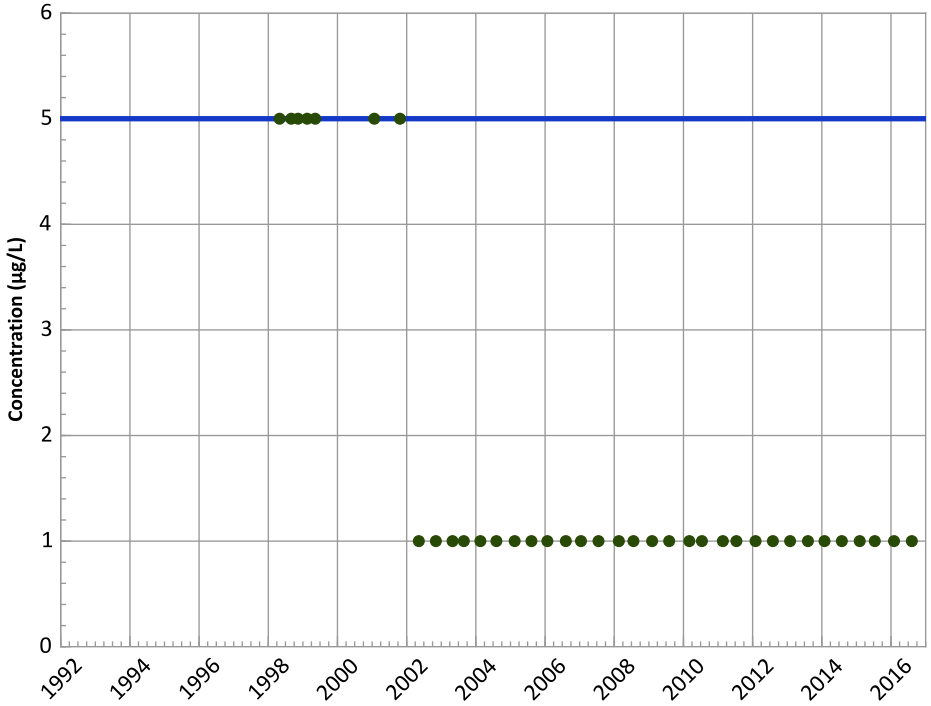


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

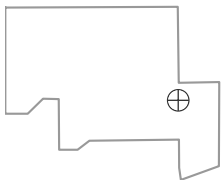
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

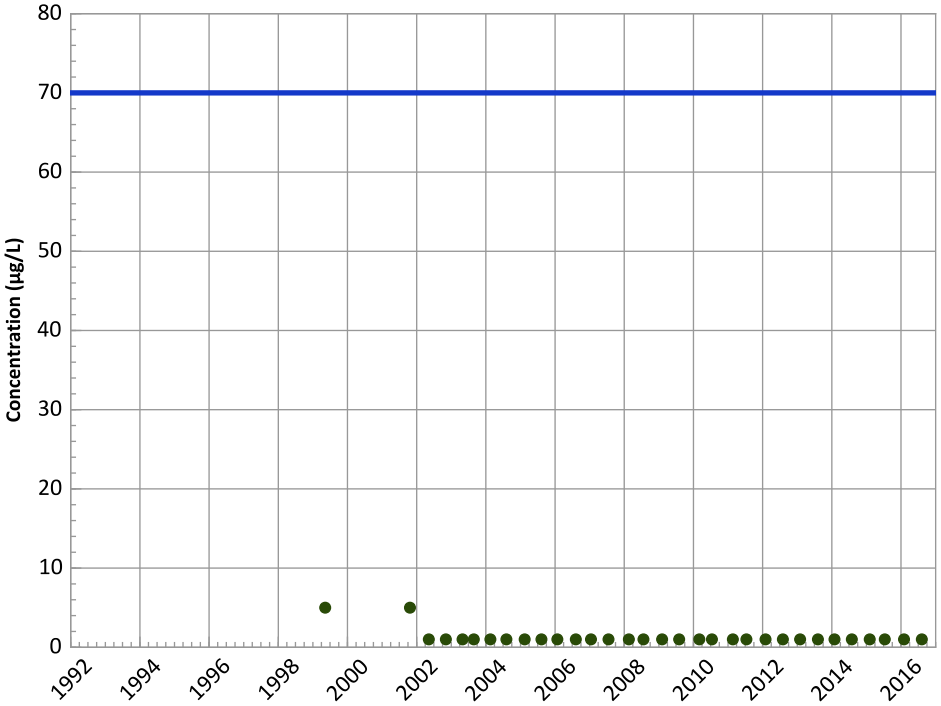
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

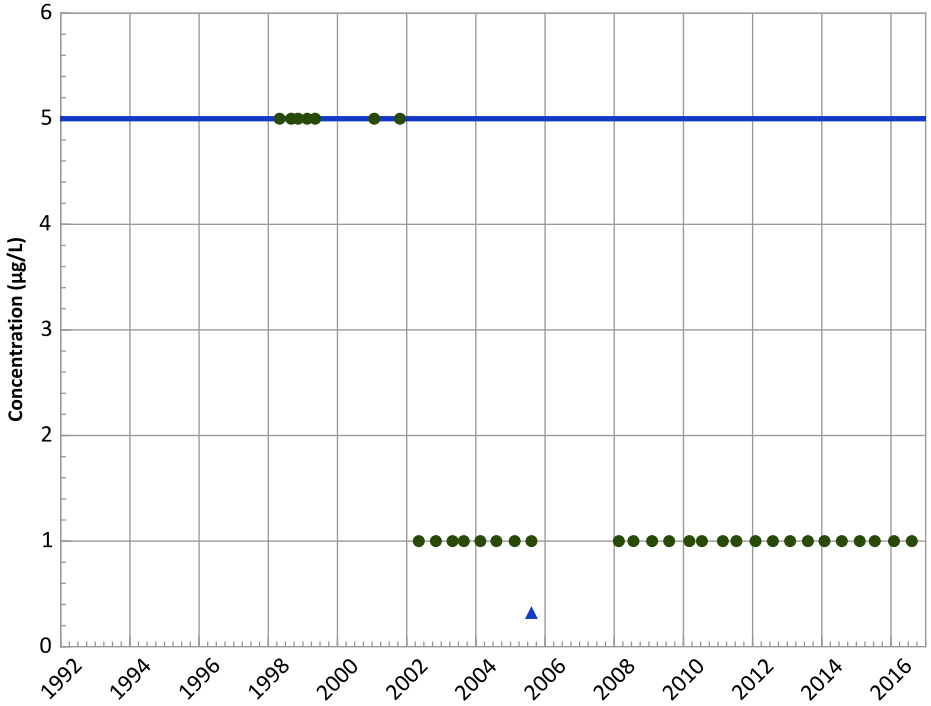


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

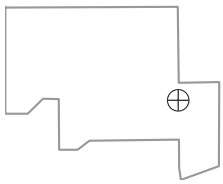
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

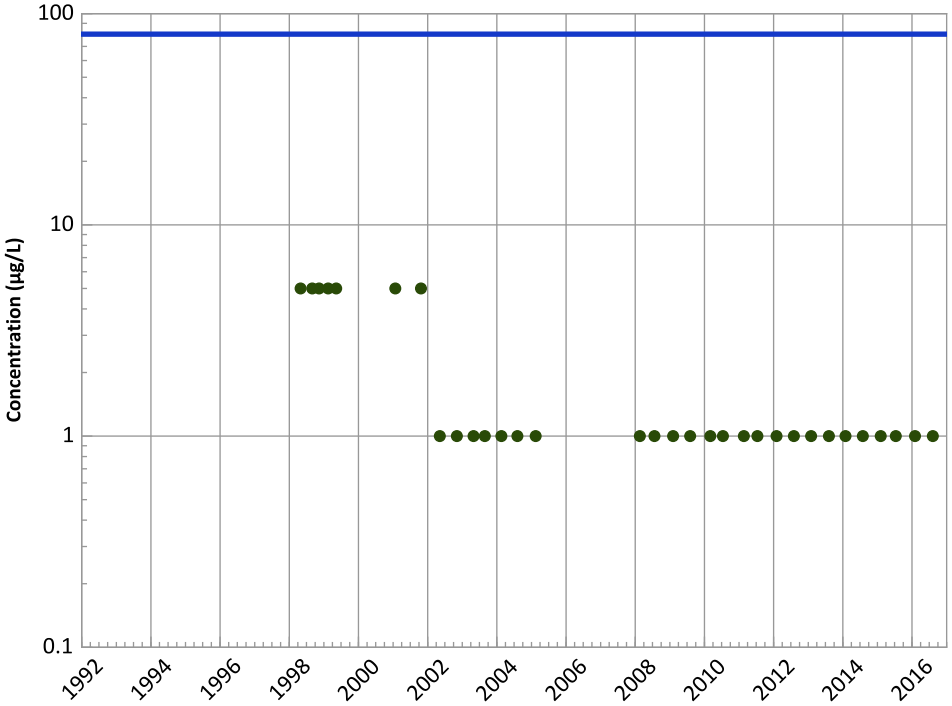
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

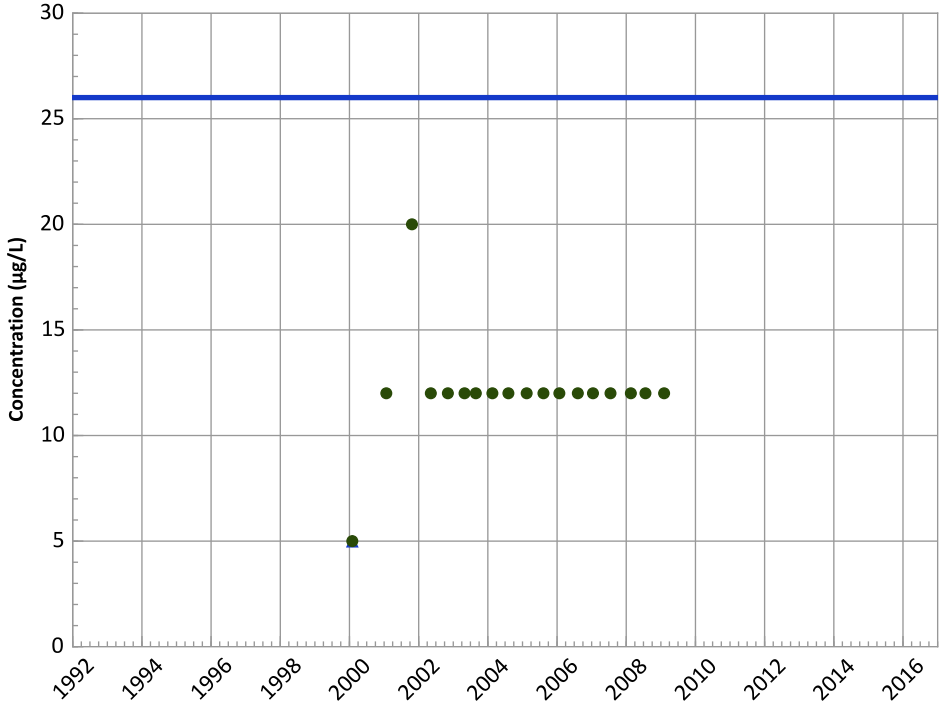


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

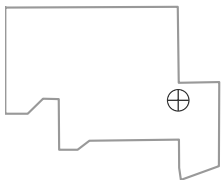
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

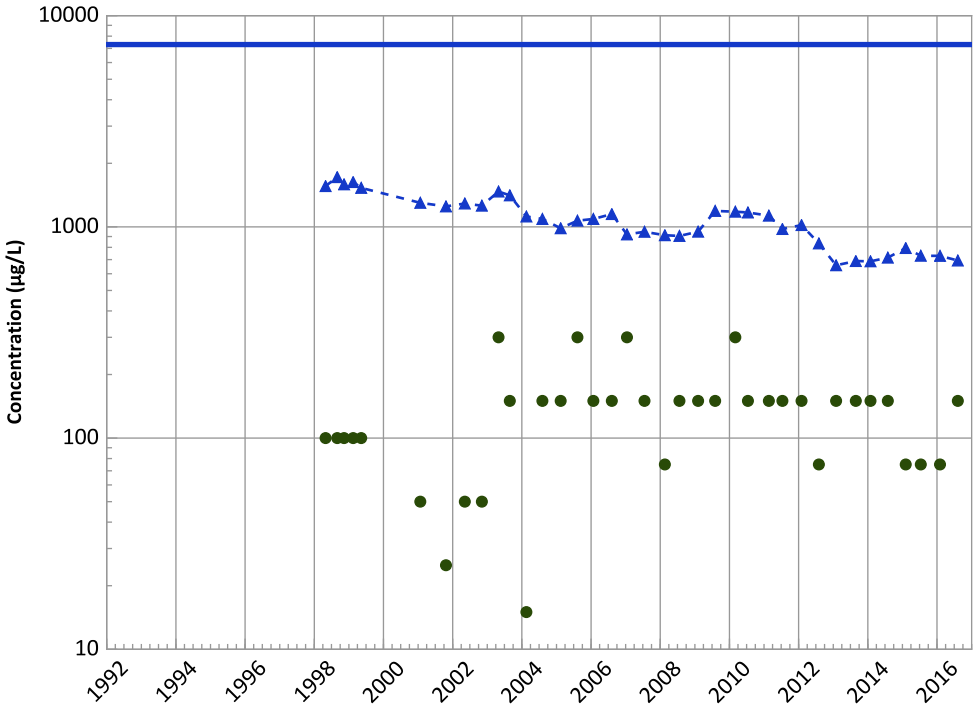
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

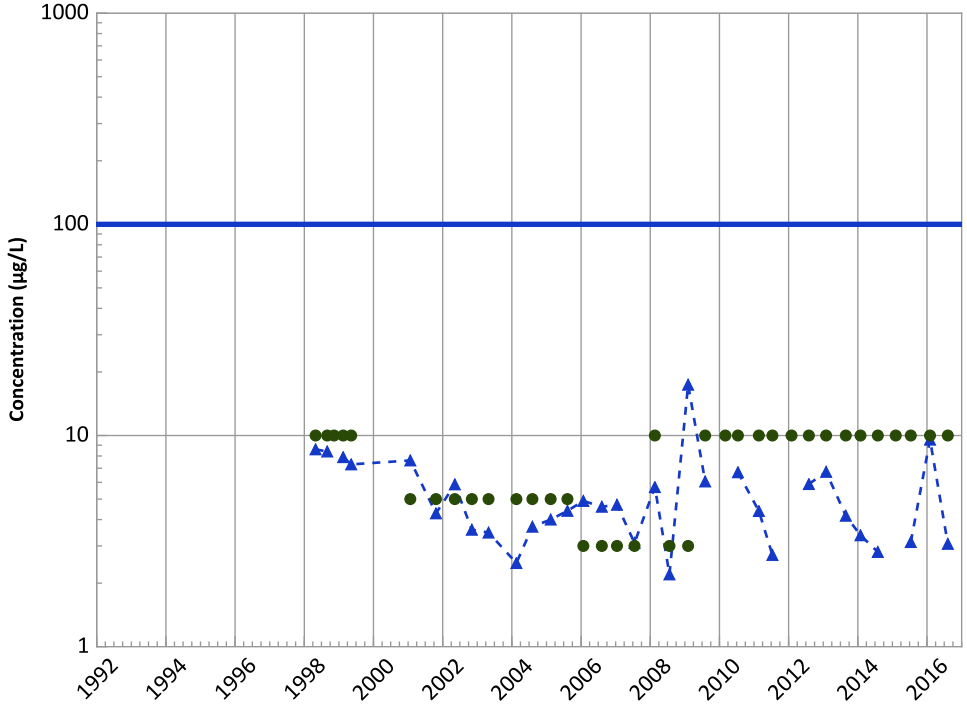


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

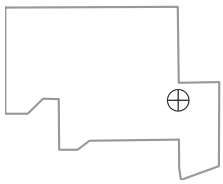
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

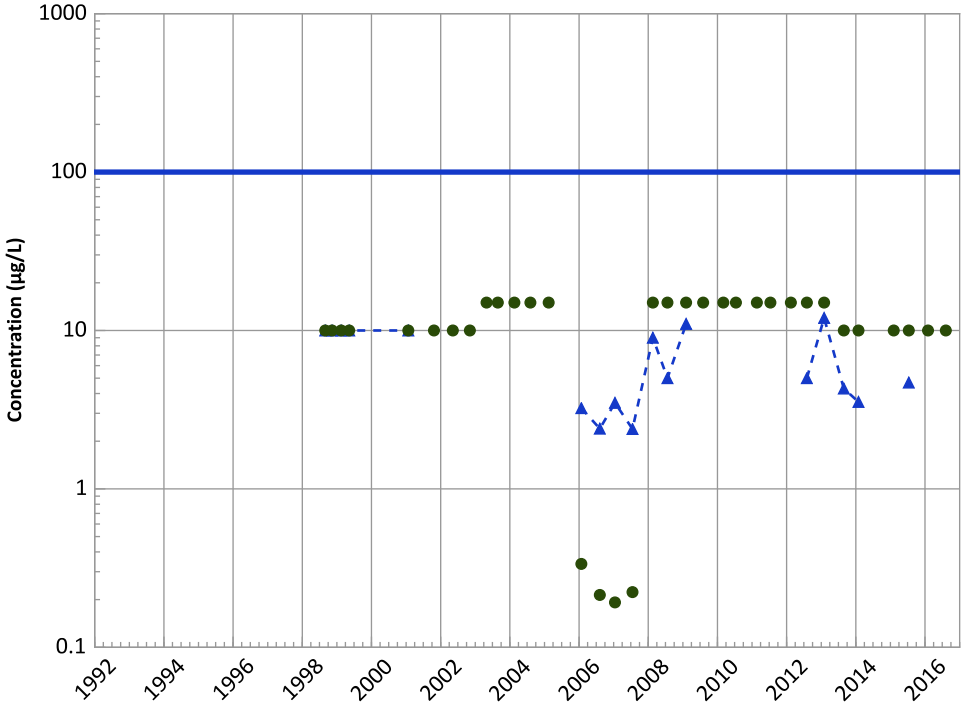
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

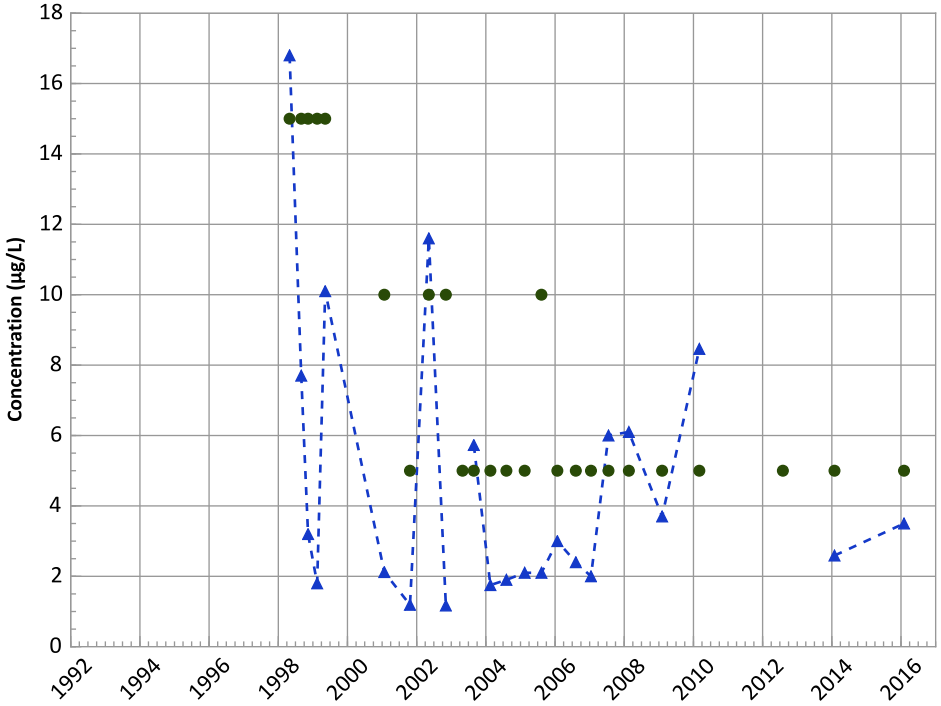


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Manganese Trend



Concentration Trend

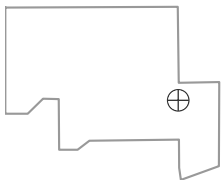
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

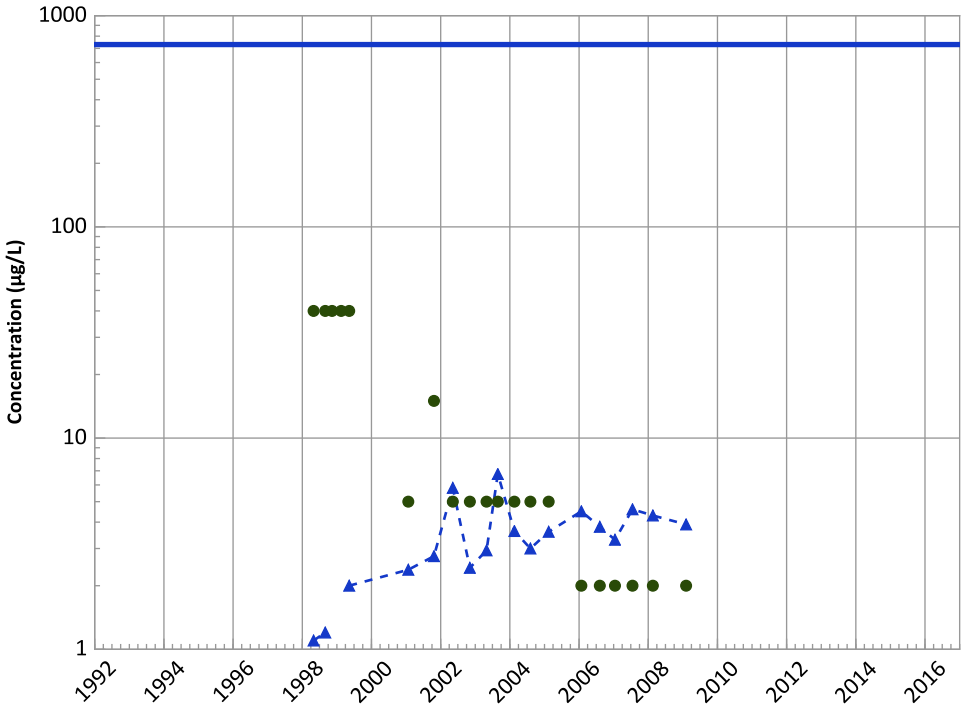
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

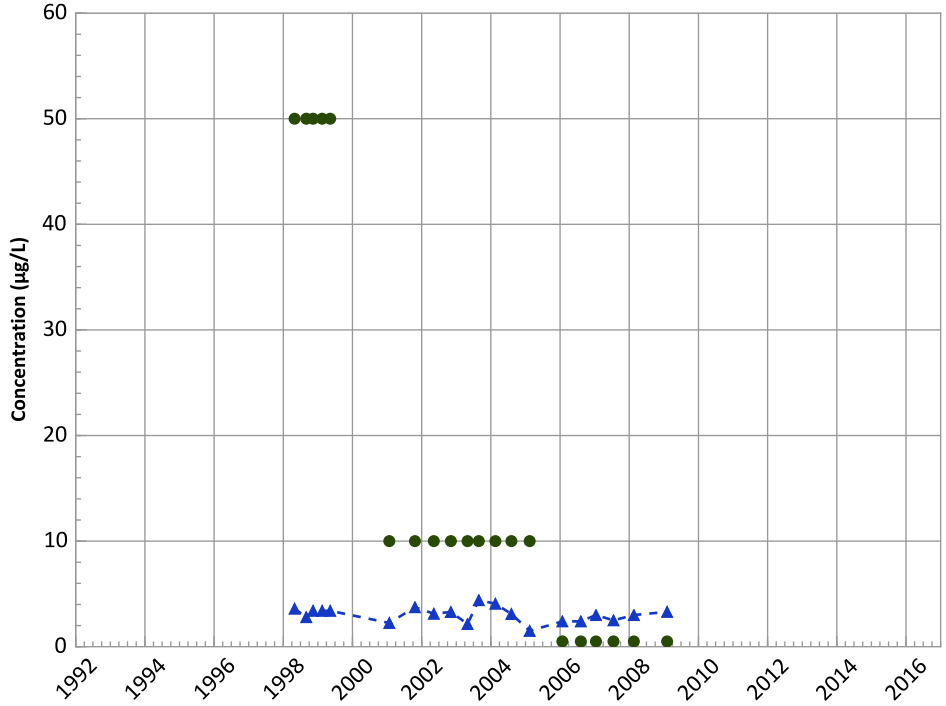


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Molybdenum Trend



Concentration Trend

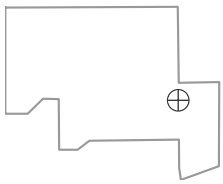
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

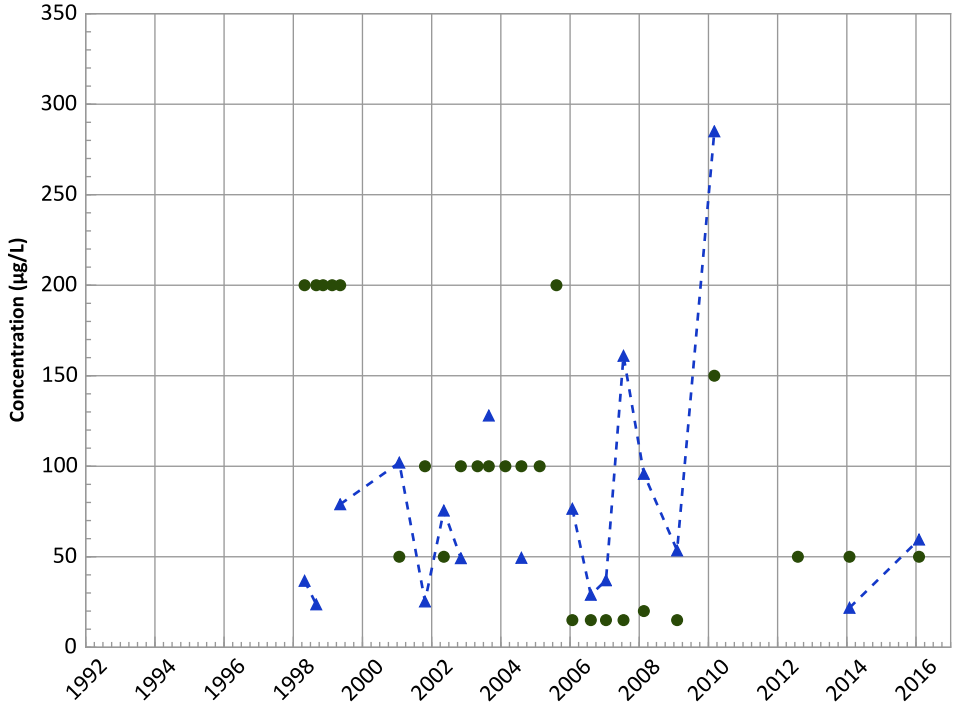
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

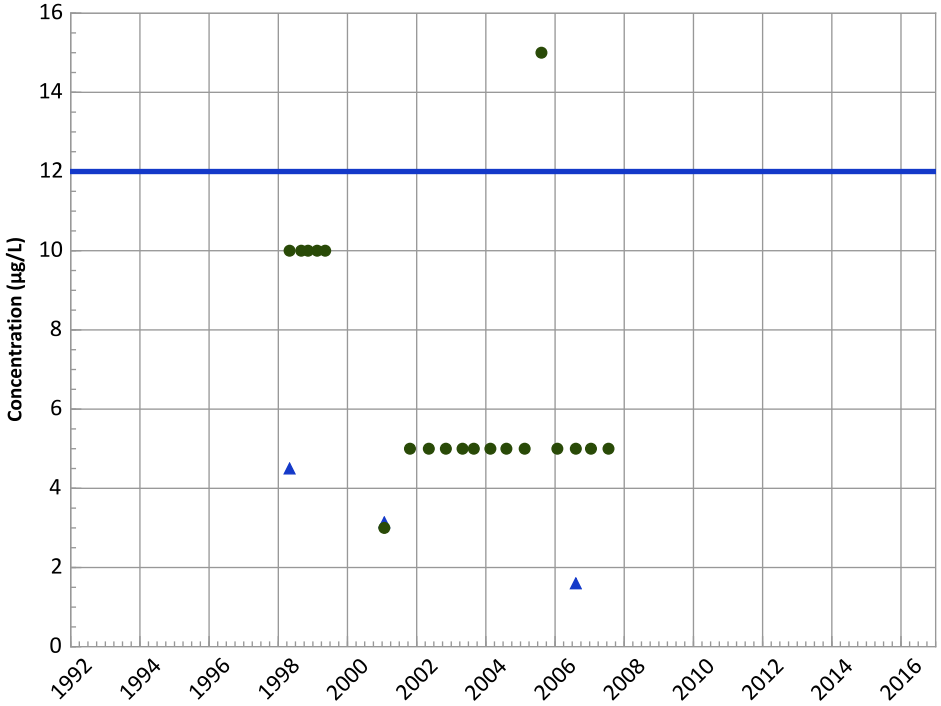


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Arsenic Trend



Concentration Trend

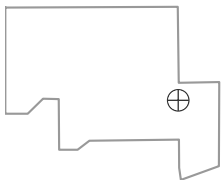
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

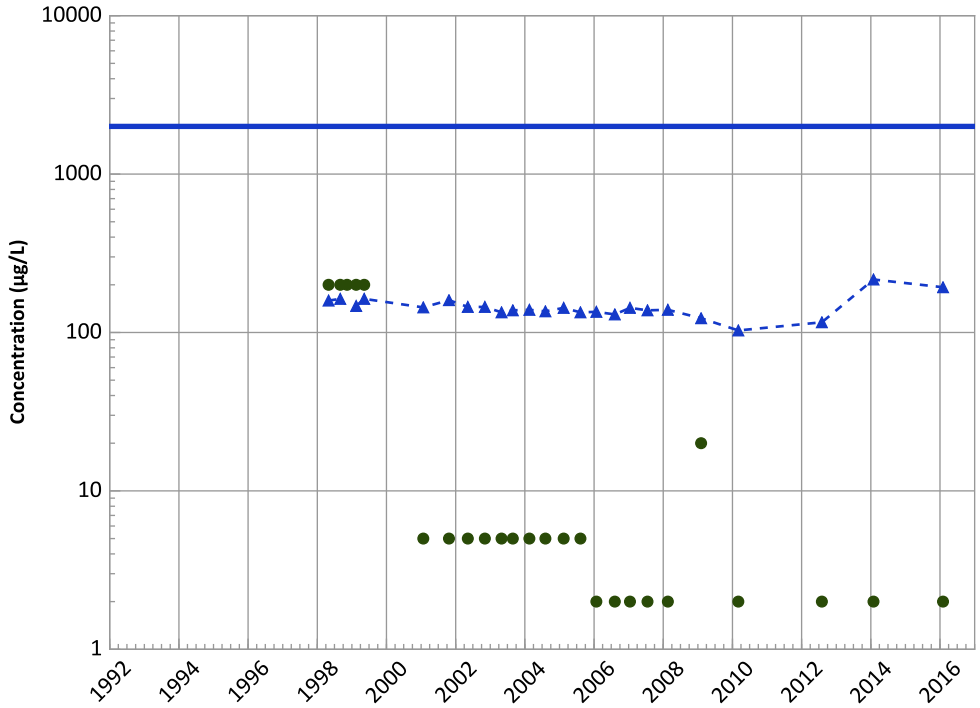
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

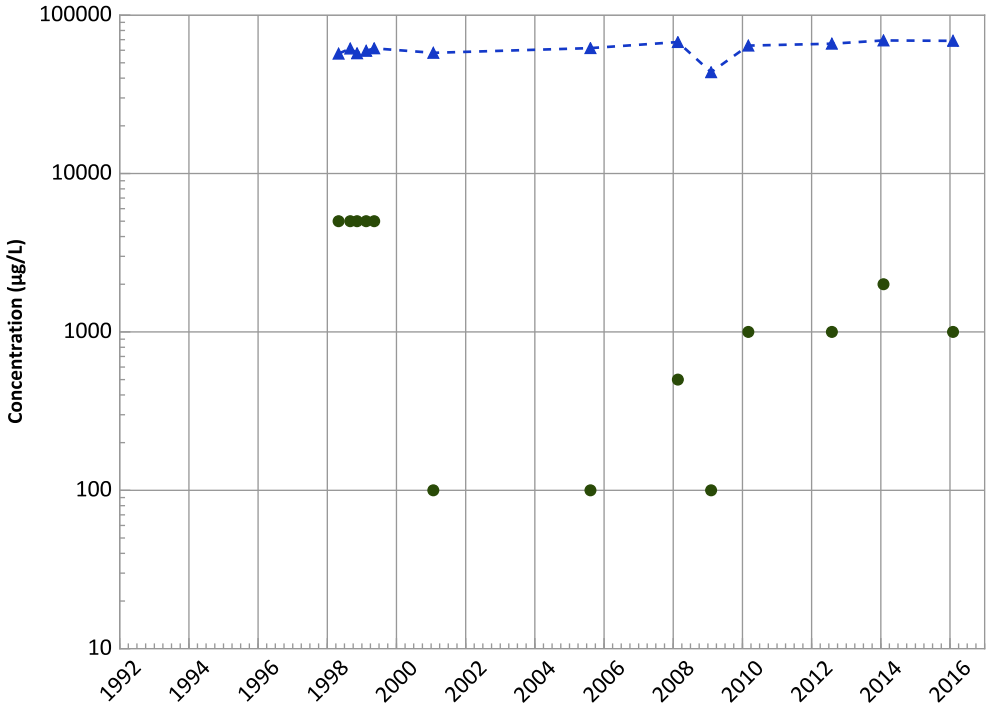


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

Calcium Trend



Concentration Trend

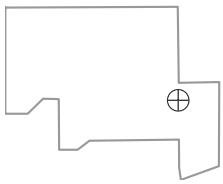
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

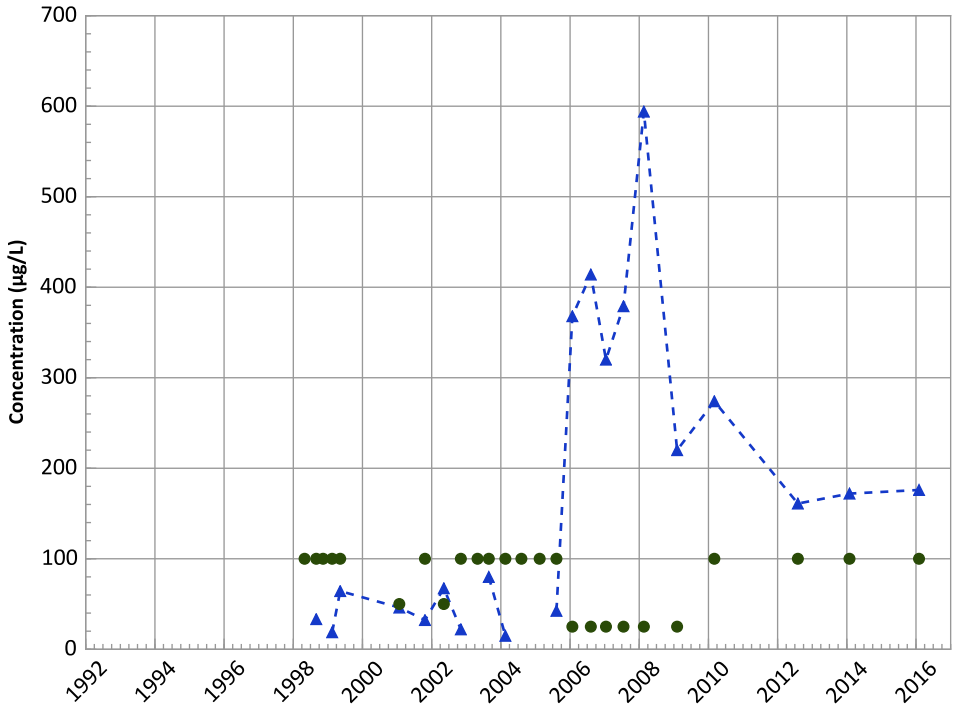
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

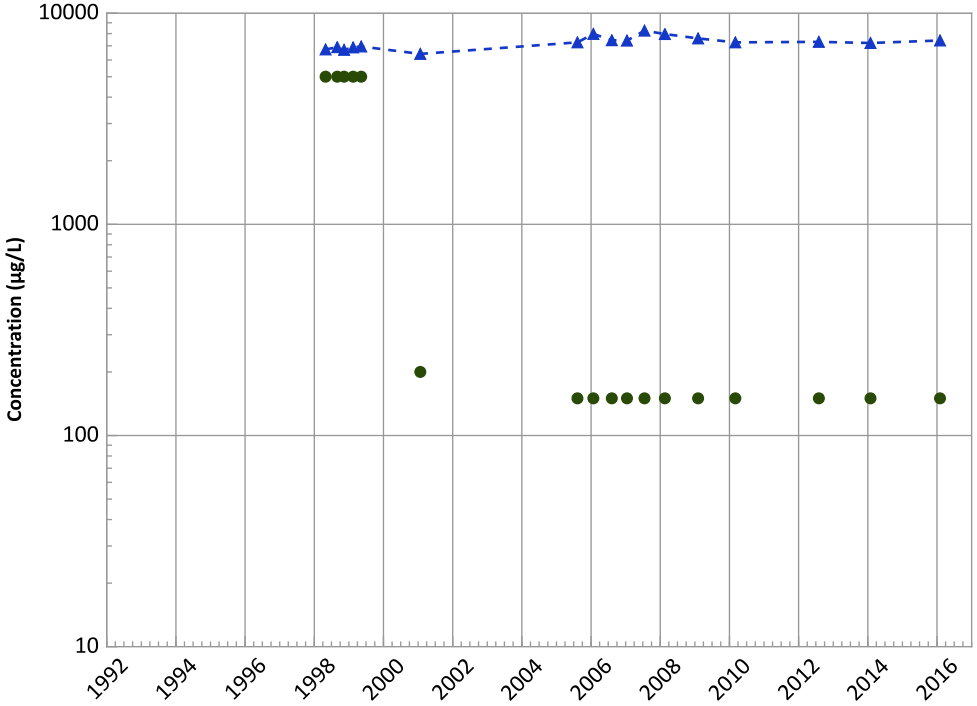


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Potassium Trend



Concentration Trend

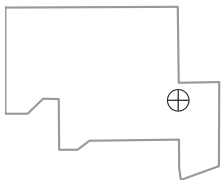
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

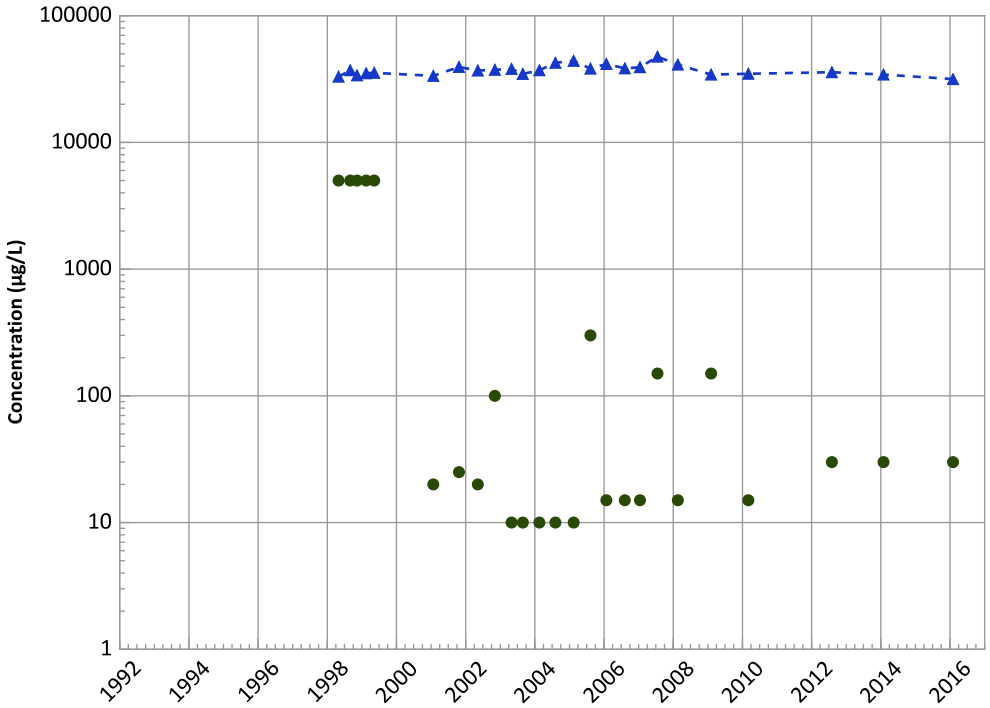
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

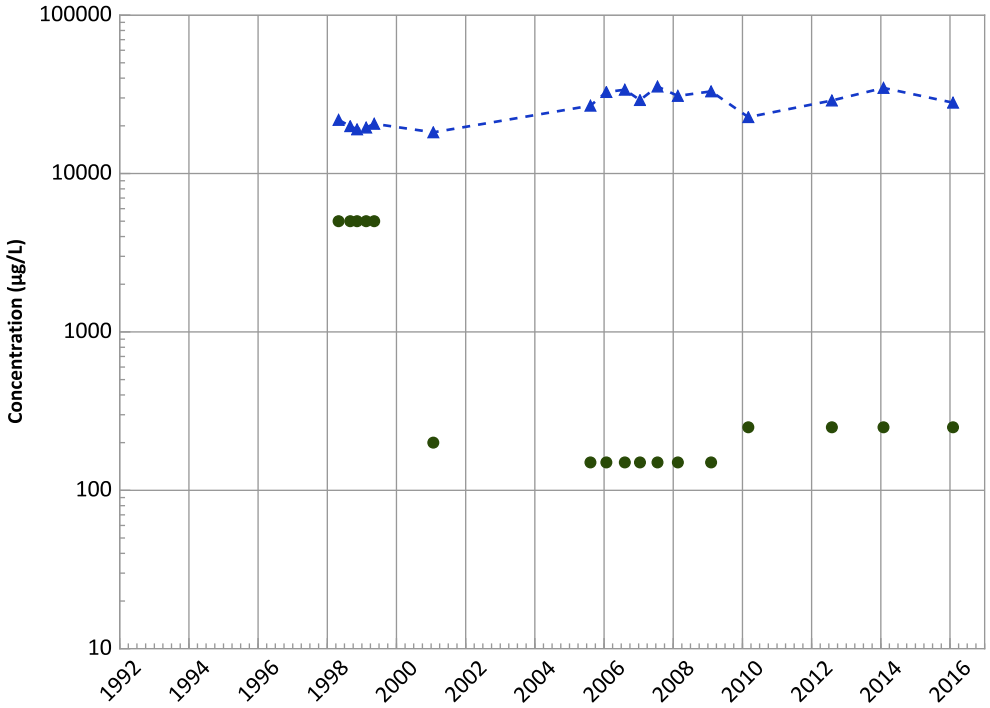


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Sodium Trend



Concentration Trend

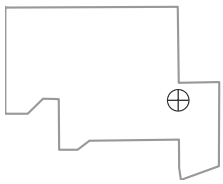
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

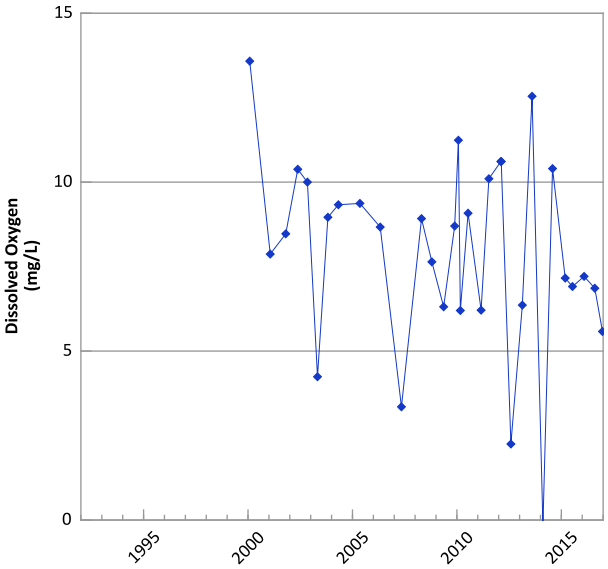
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

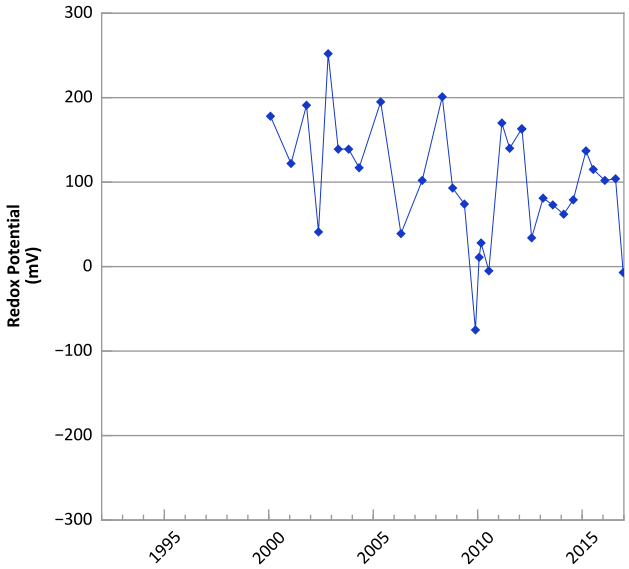
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

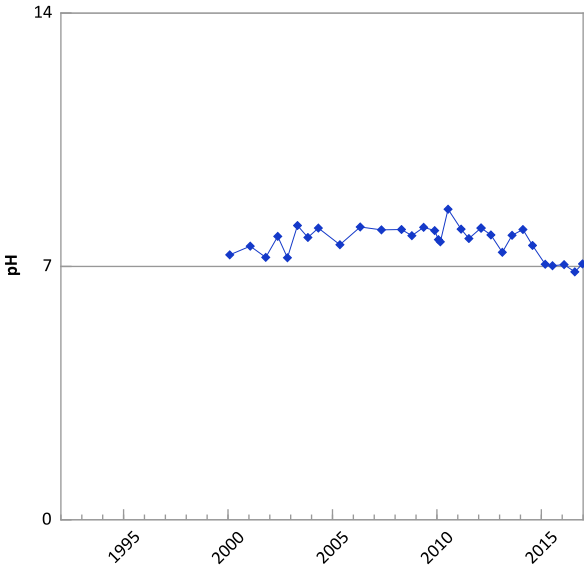
Well Location

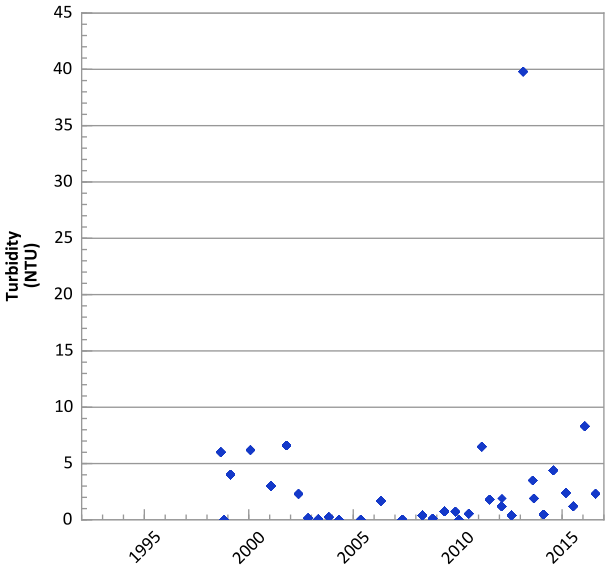


PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



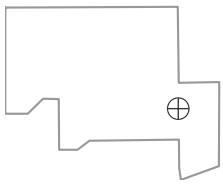






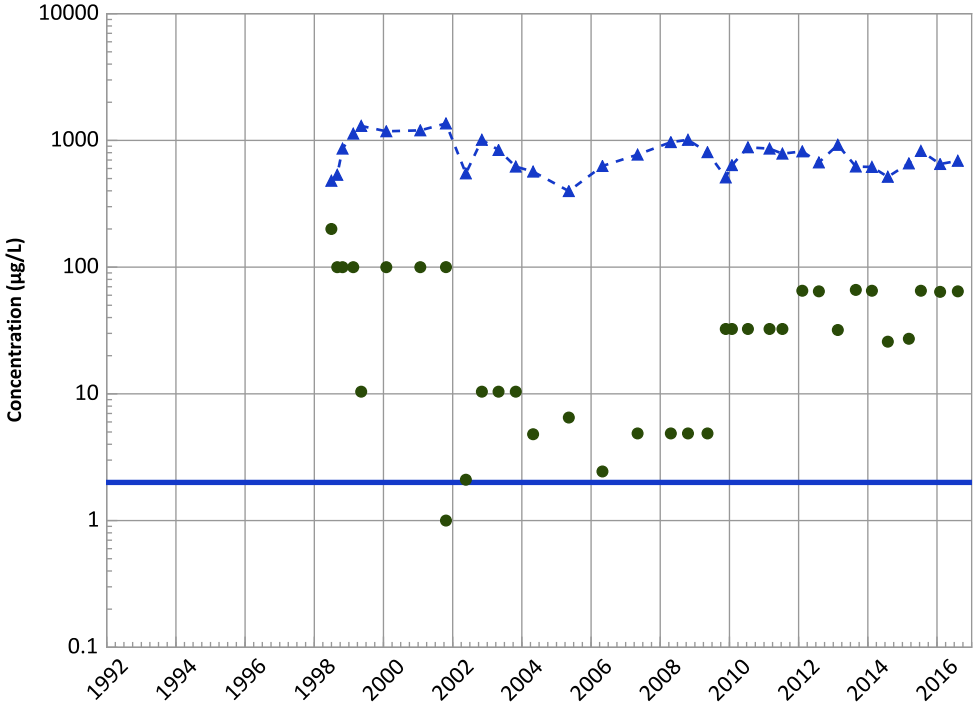
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

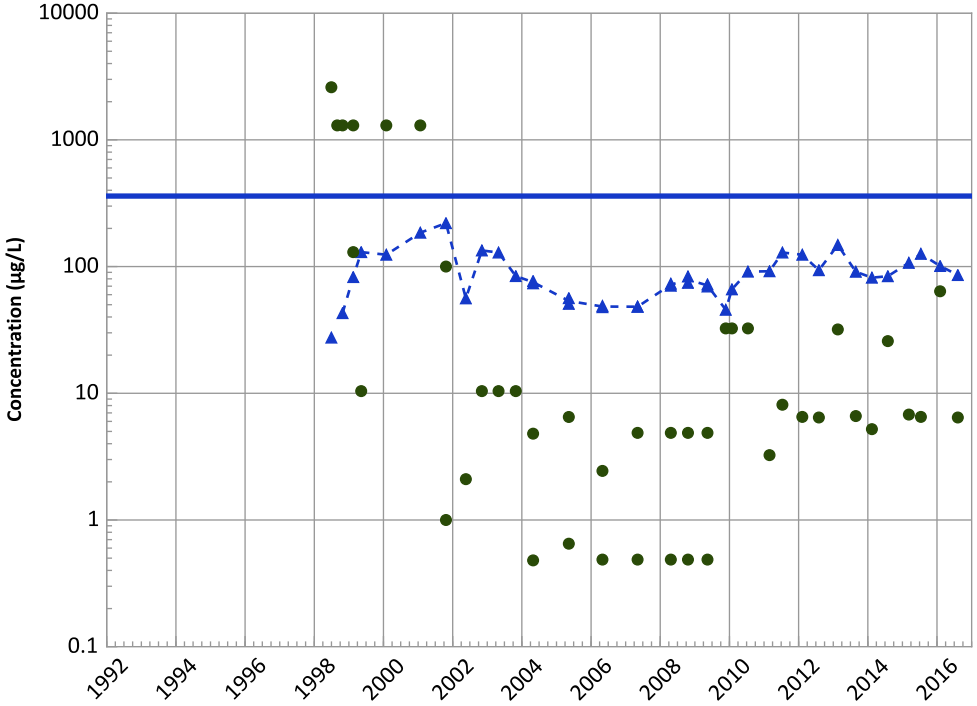


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

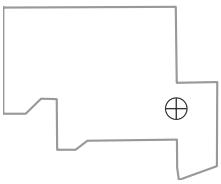
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

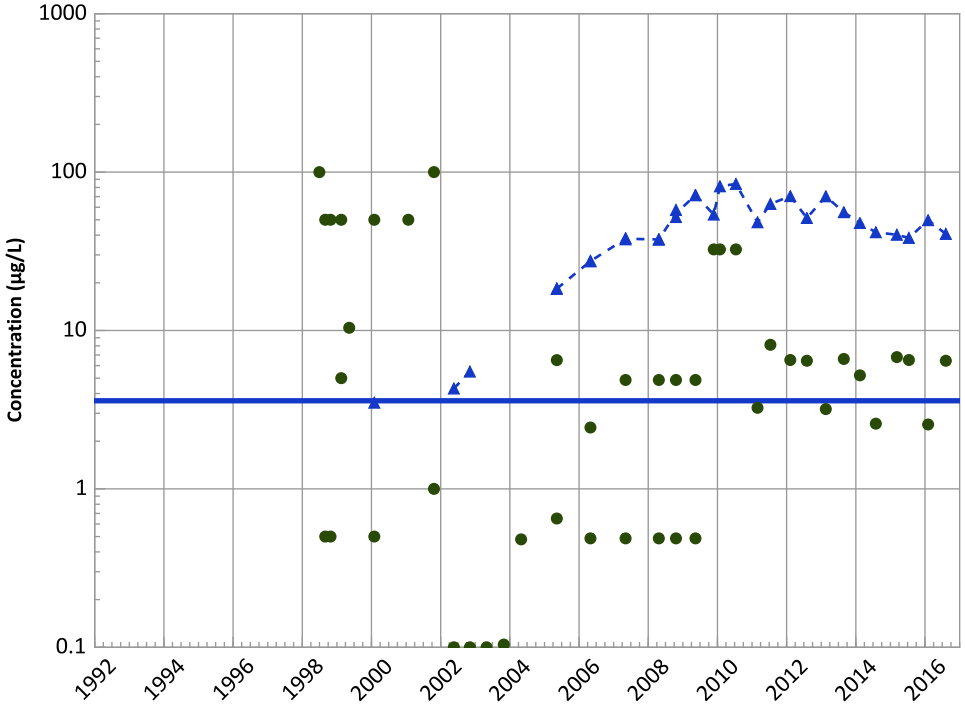
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

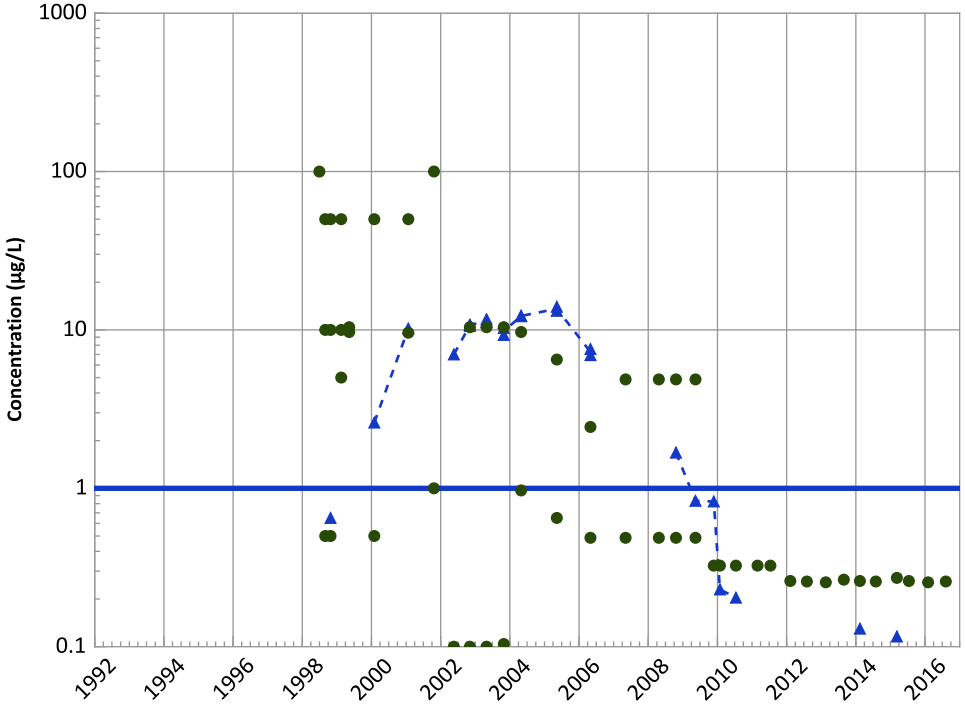


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

2,4-Dinitrotoluene Trend



Concentration Trend

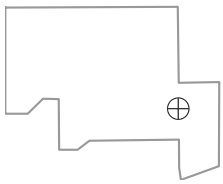
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

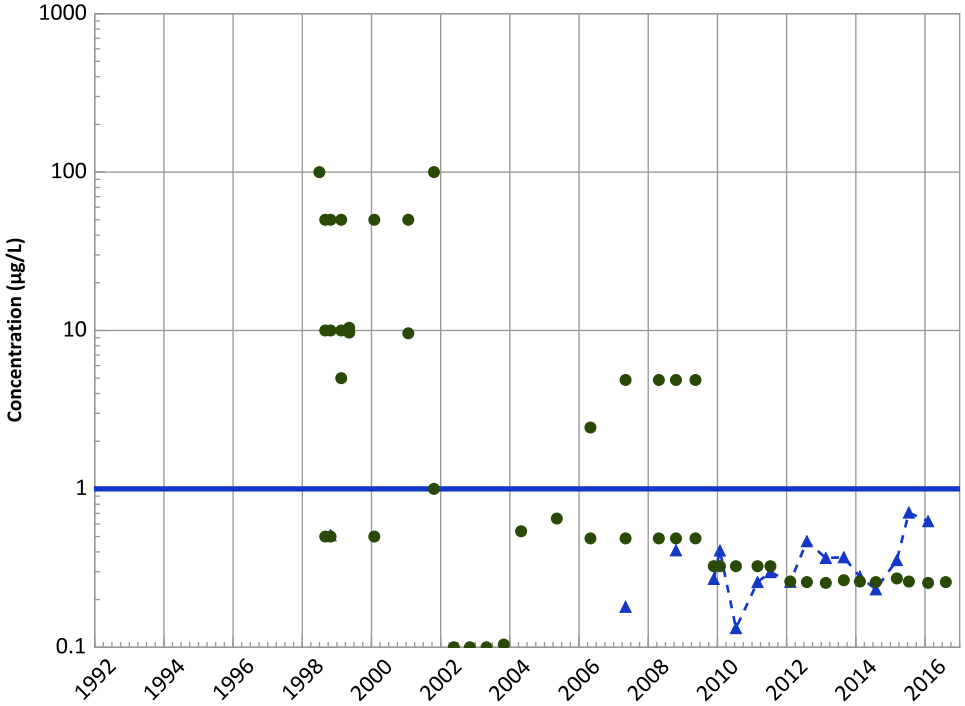
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

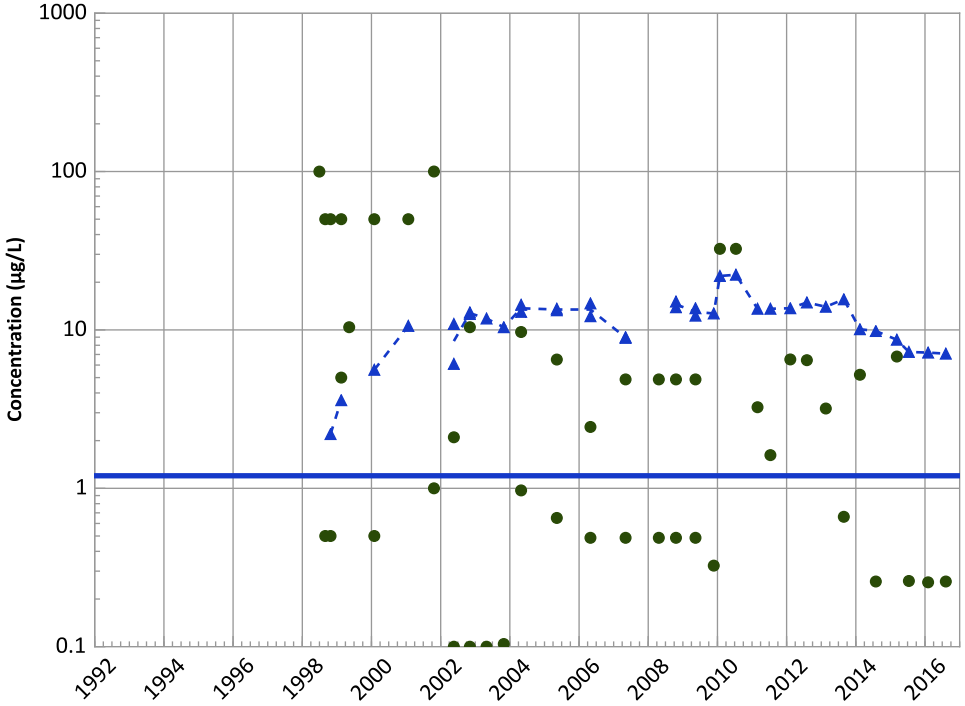


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

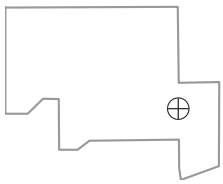
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

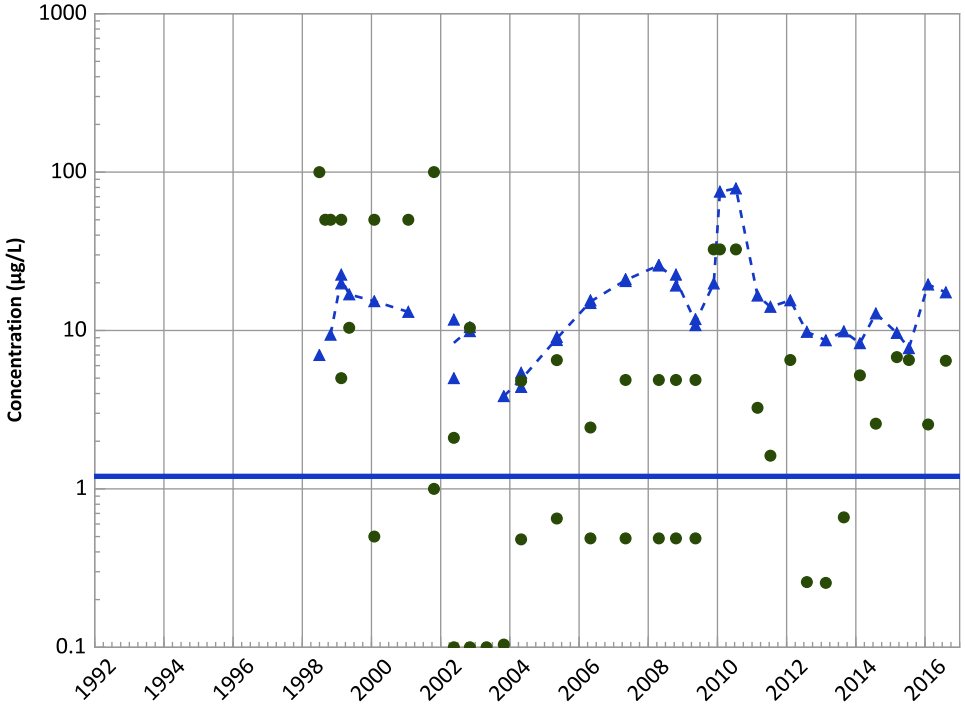
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

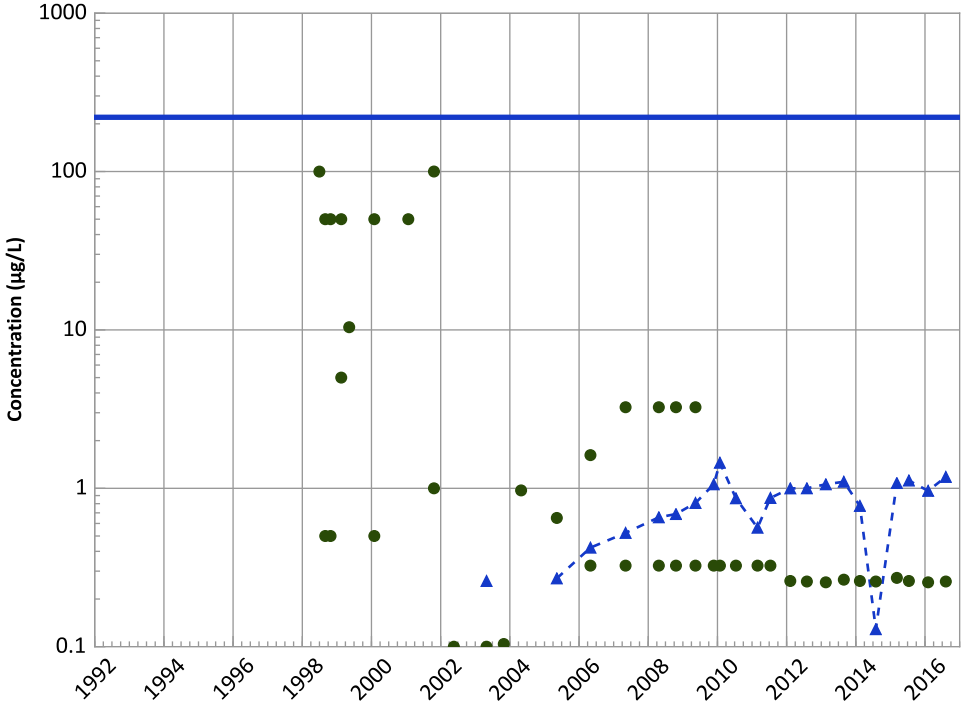


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

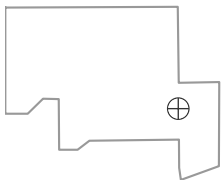
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

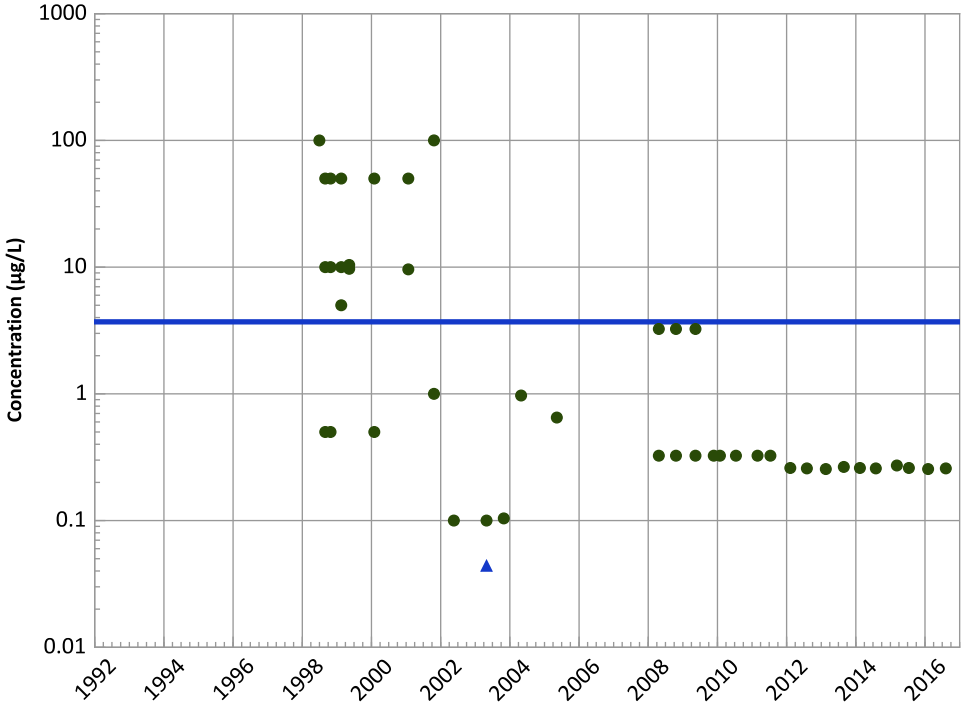
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

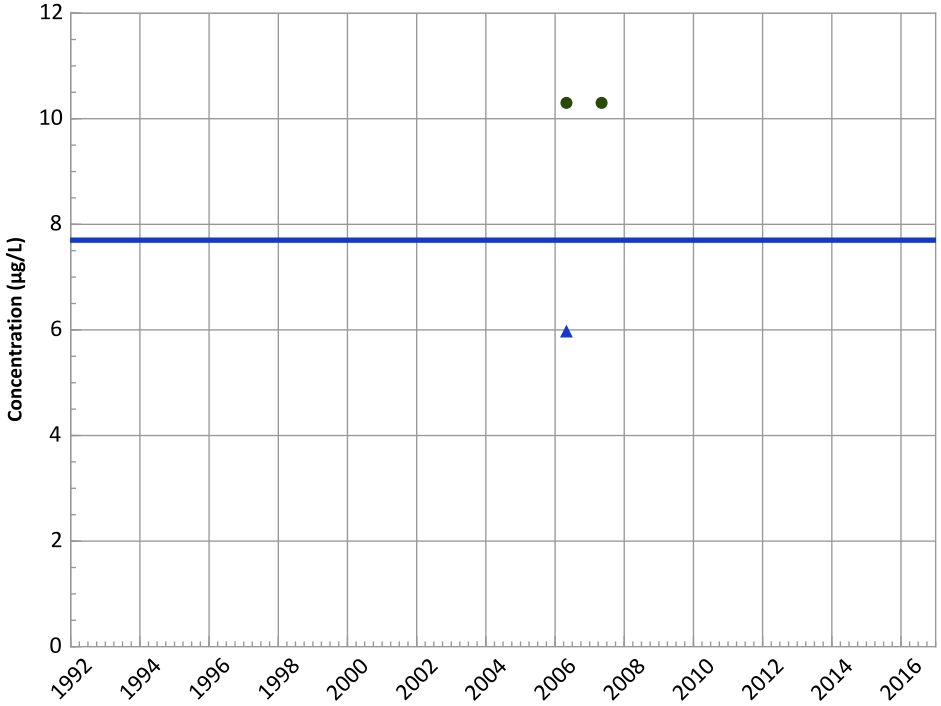


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

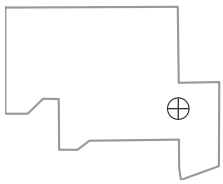
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

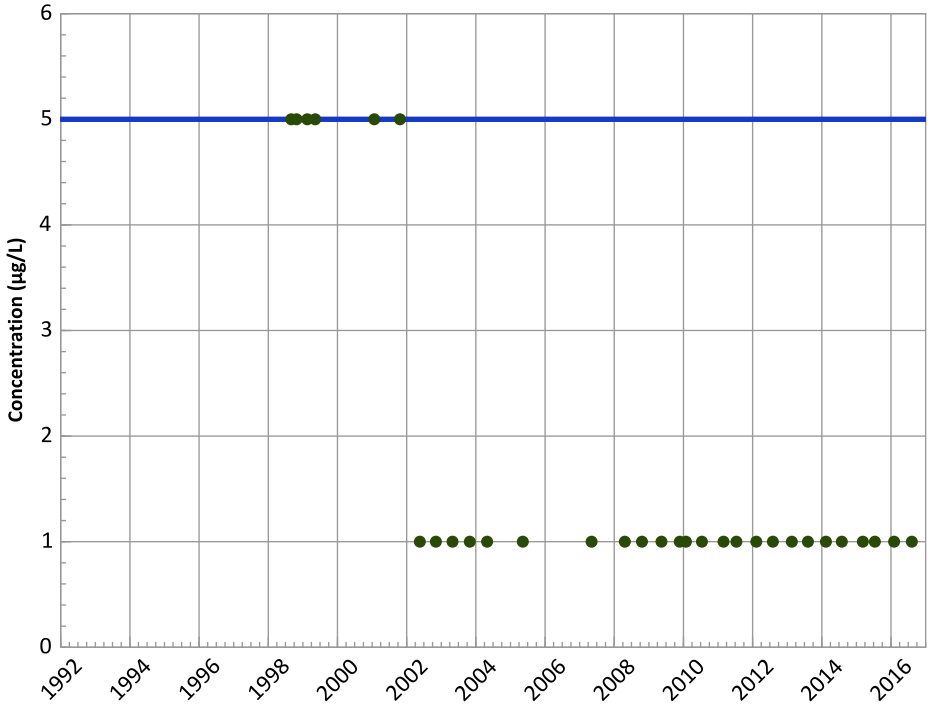
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

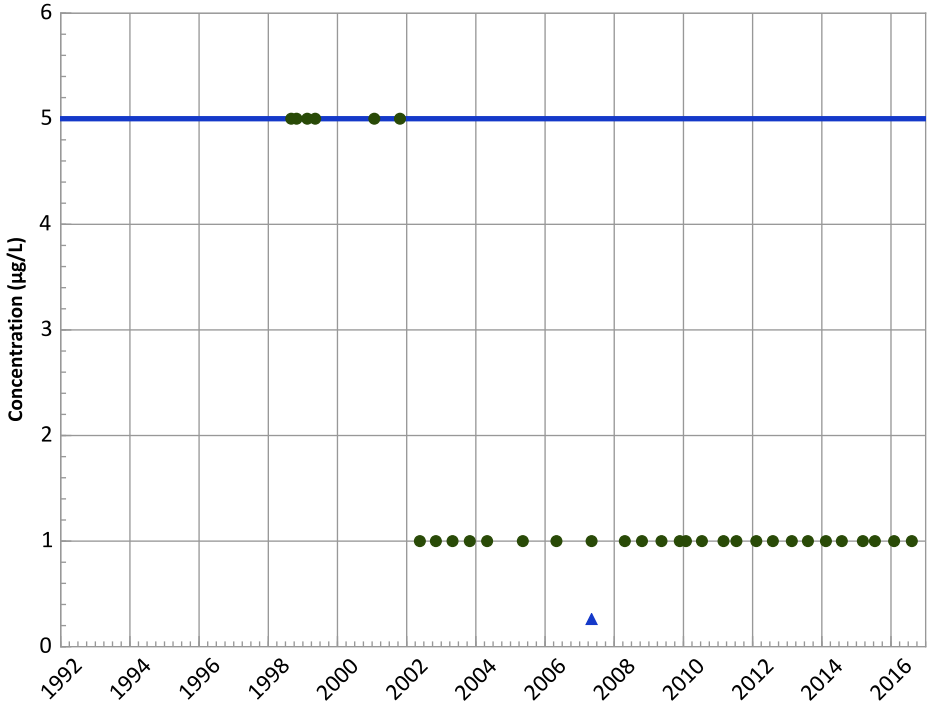


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

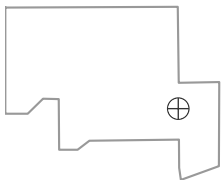
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

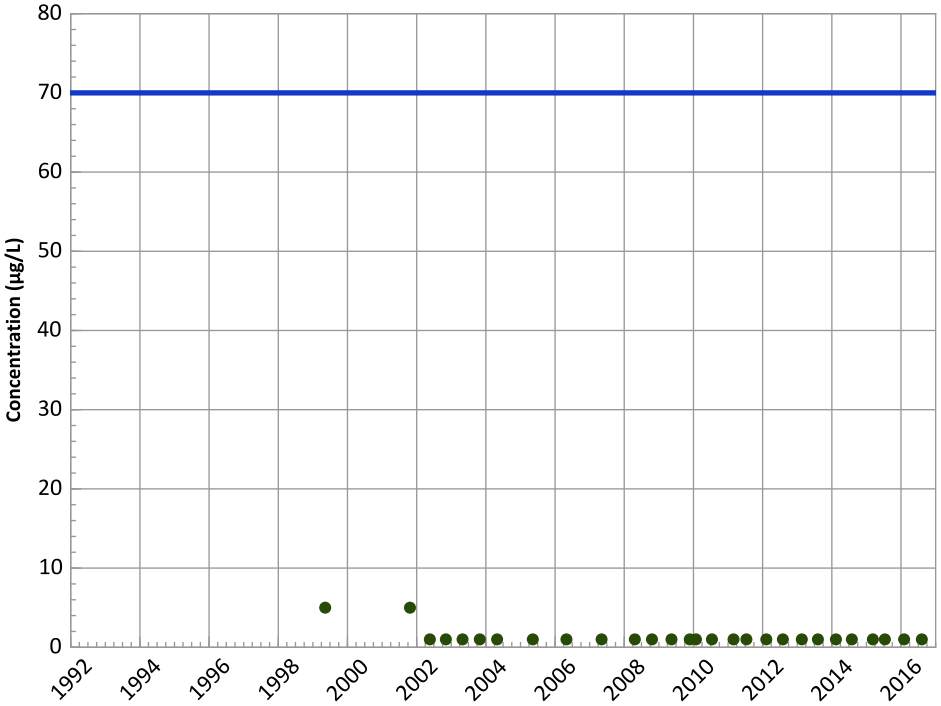
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

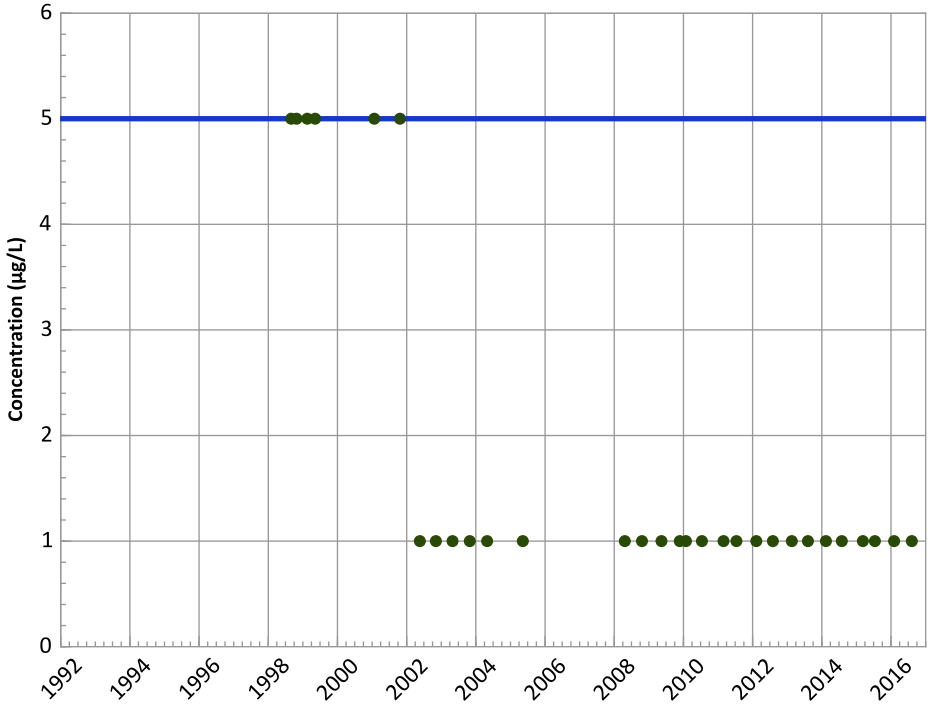


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

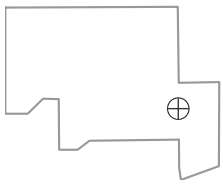
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

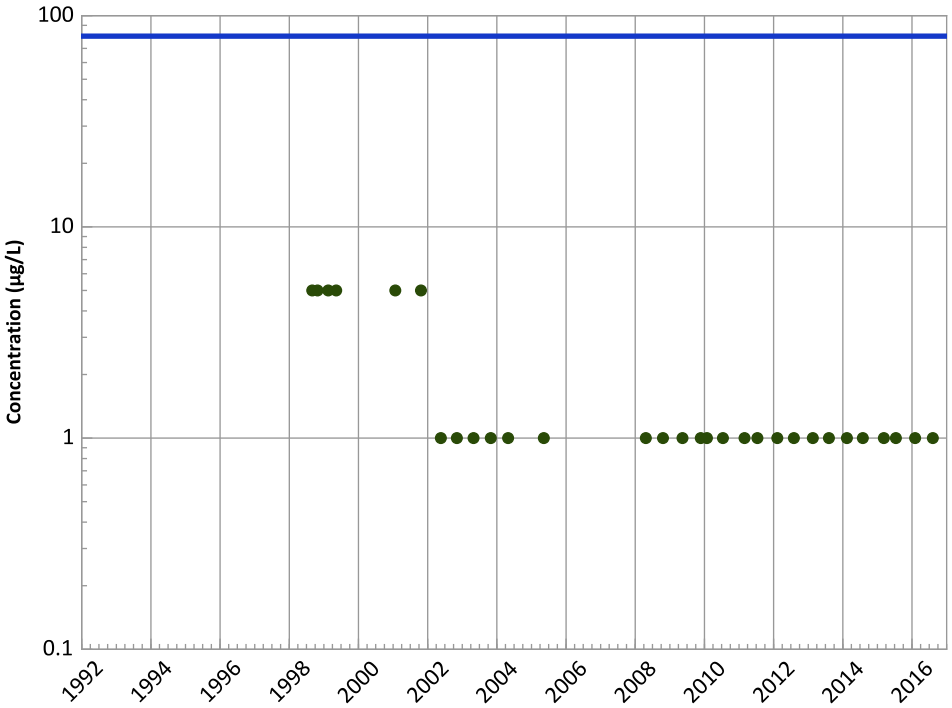
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

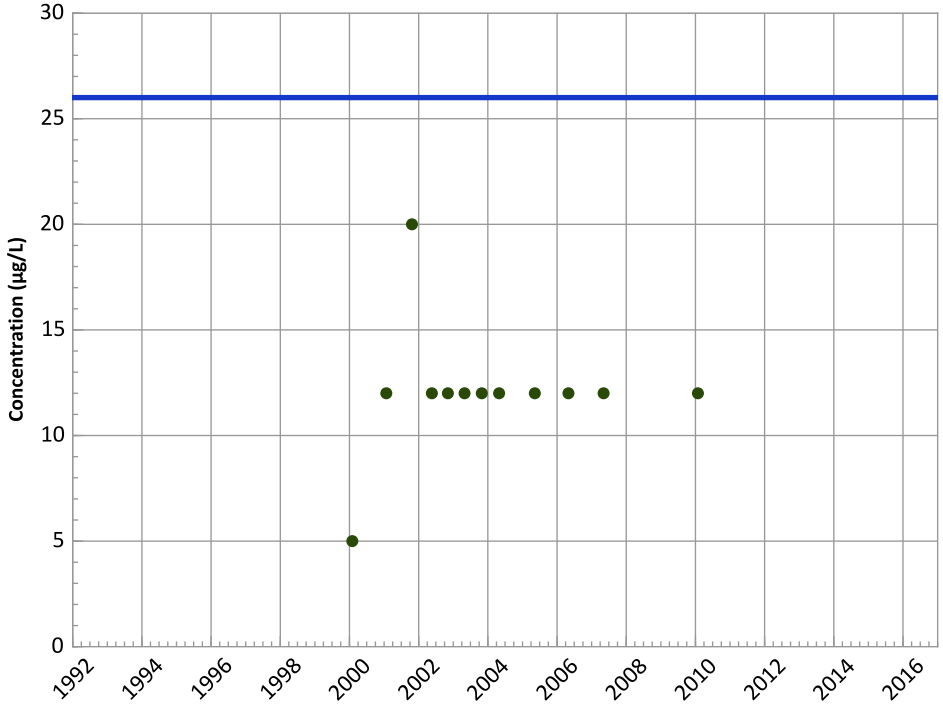


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

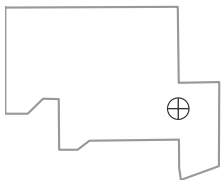
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

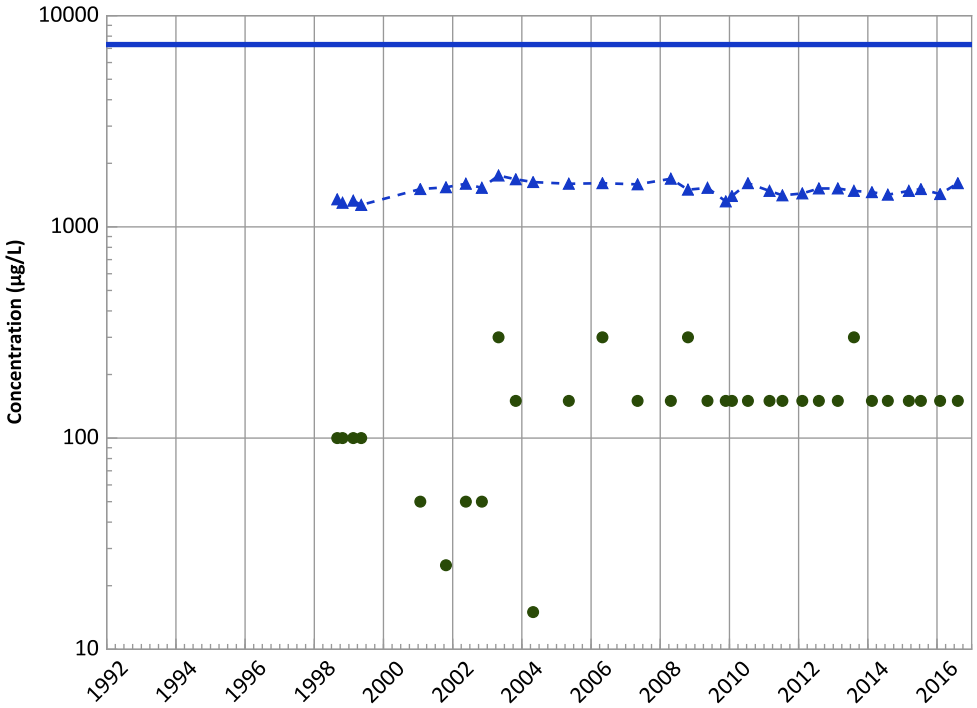
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

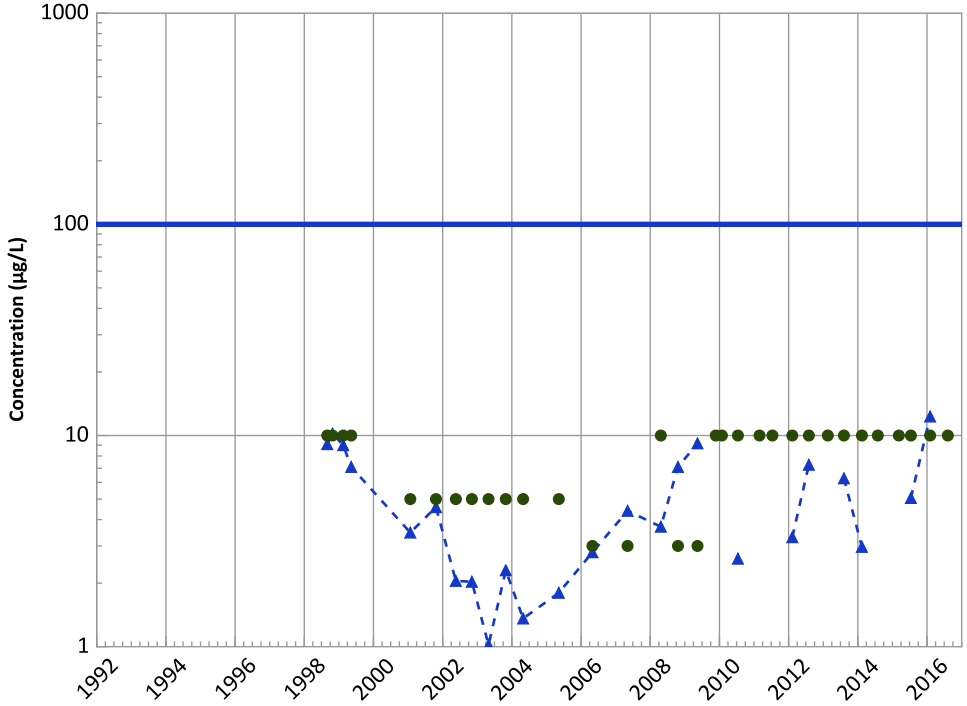


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

Chromium, Total Trend



Concentration Trend

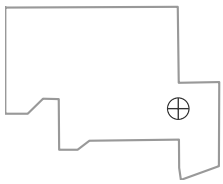
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

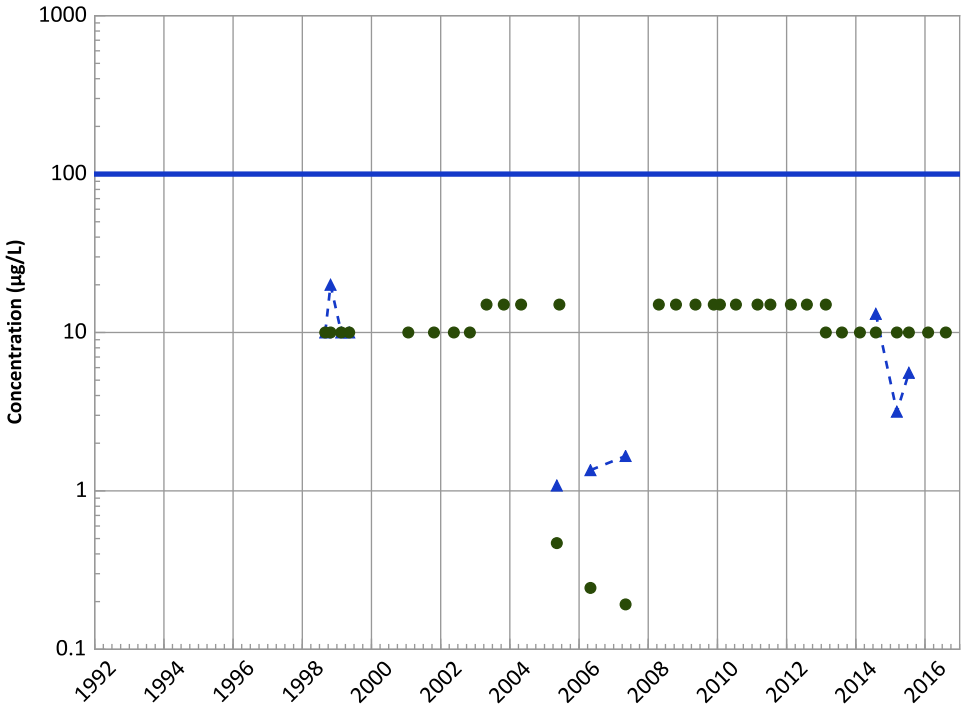
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

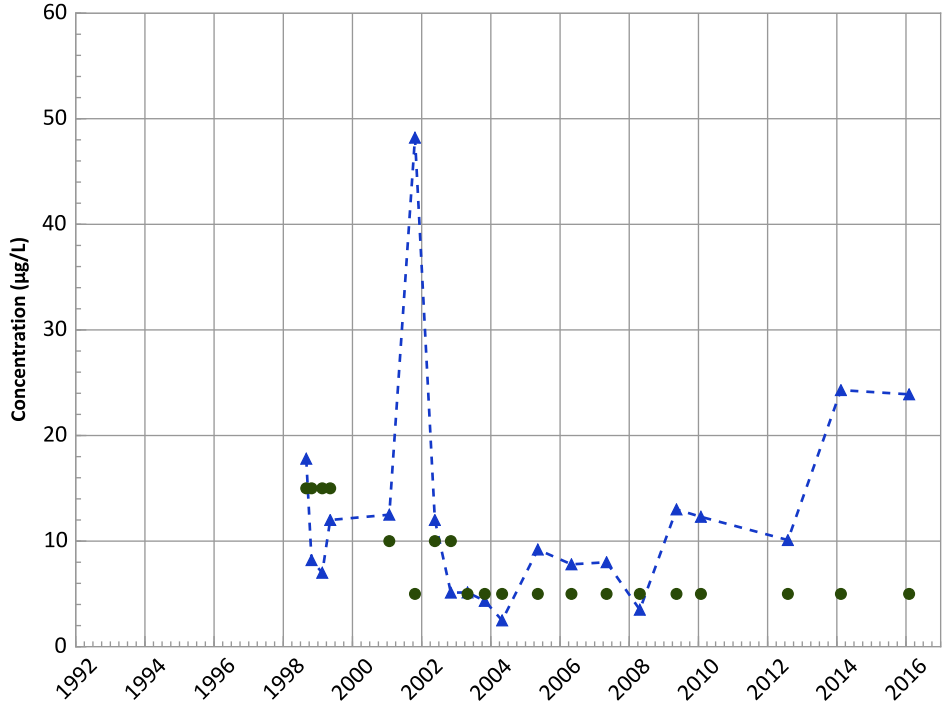


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Manganese Trend



Concentration Trend

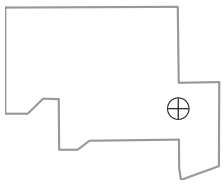
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

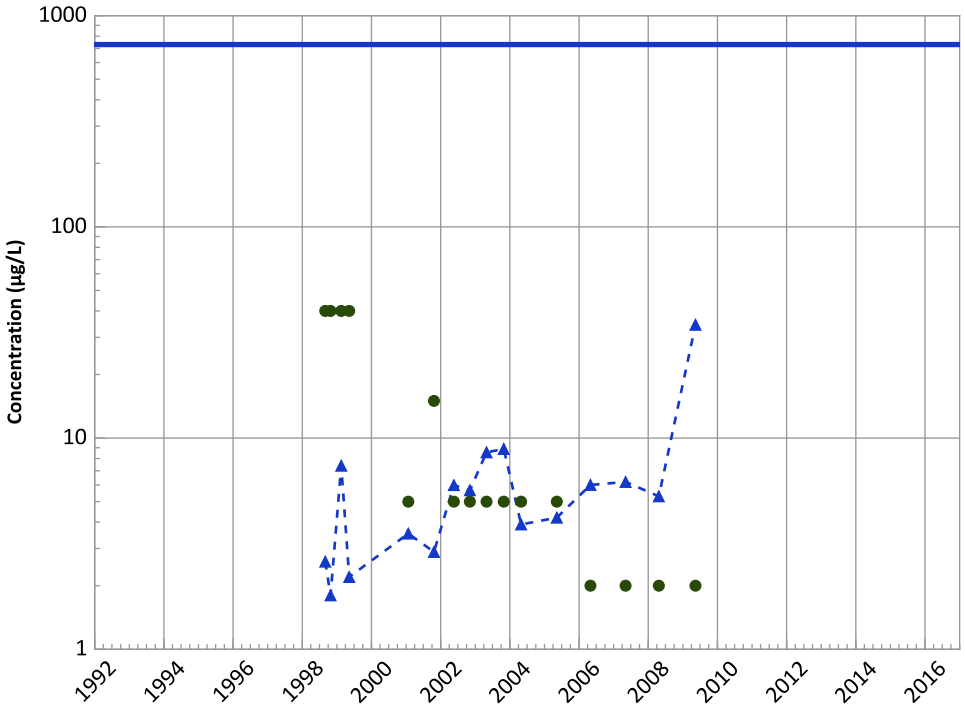
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

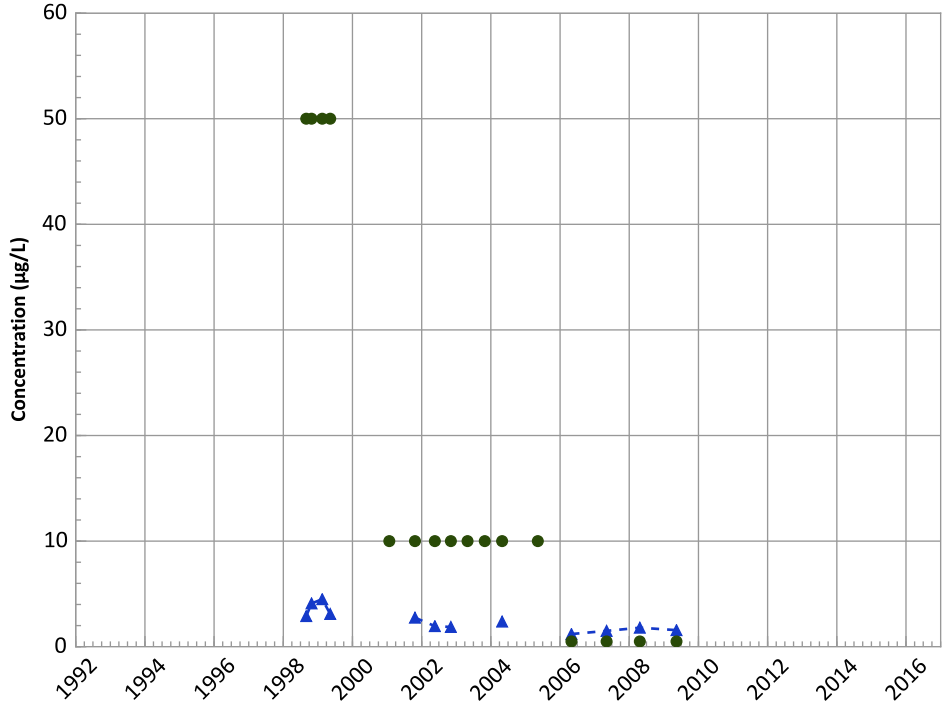


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Molybdenum Trend



Concentration Trend

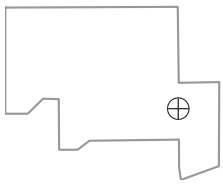
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

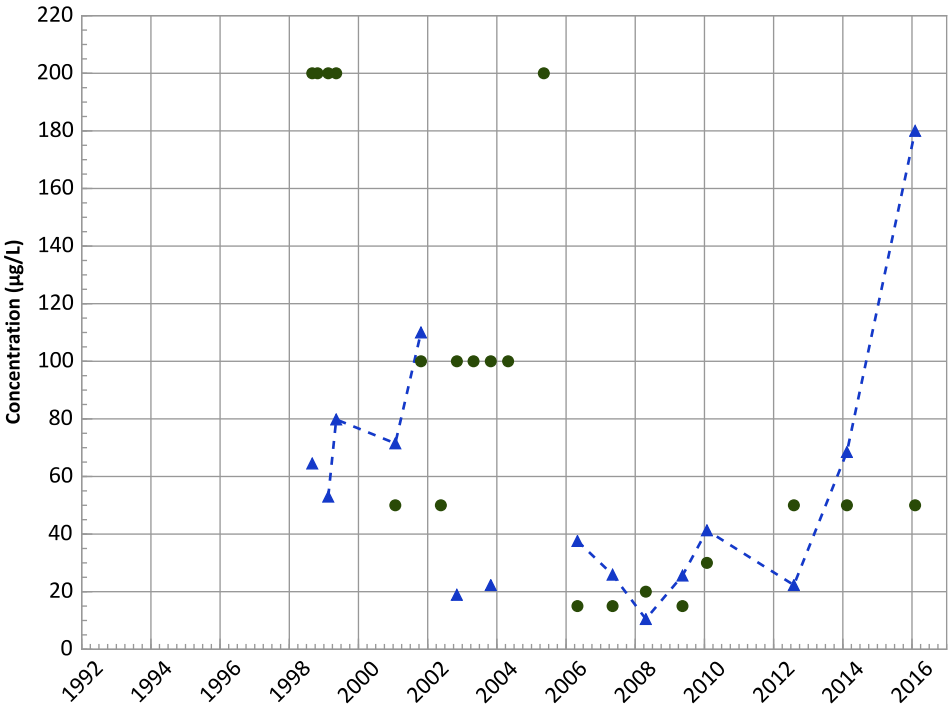
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

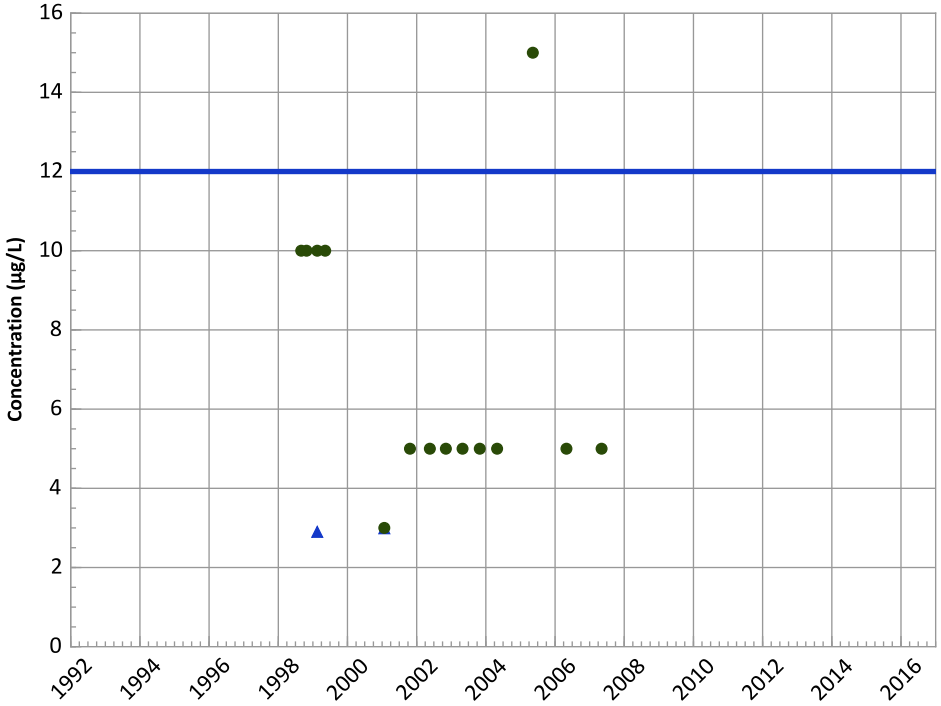


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Stable

Arsenic Trend



Concentration Trend

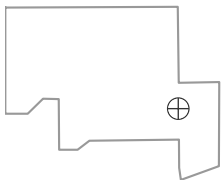
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

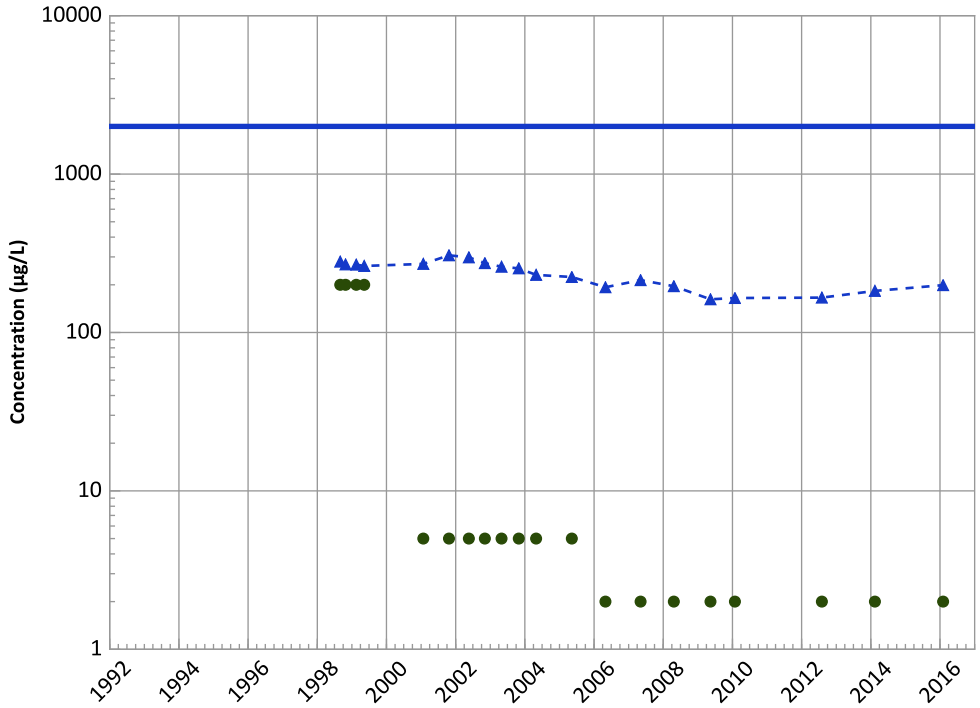
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

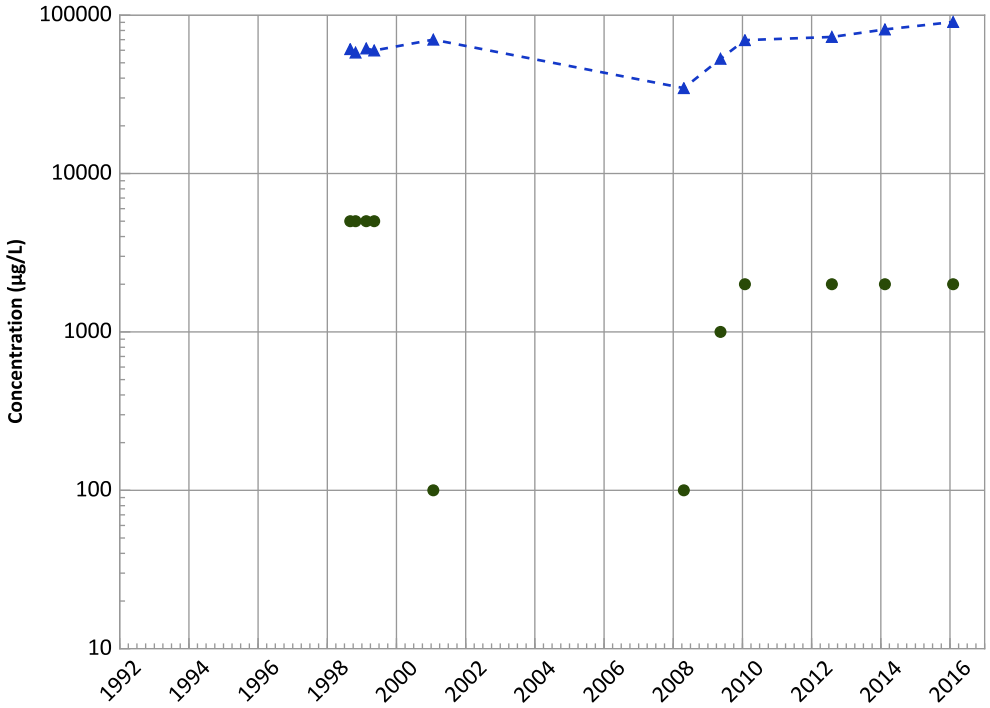


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Calcium Trend



Concentration Trend

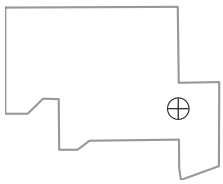
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

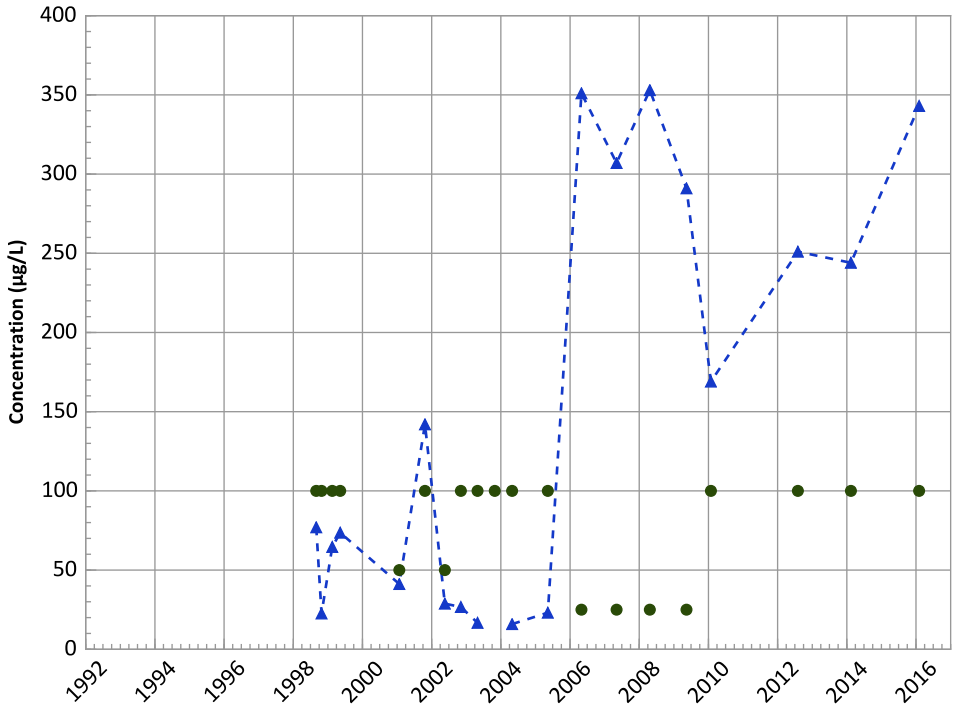
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

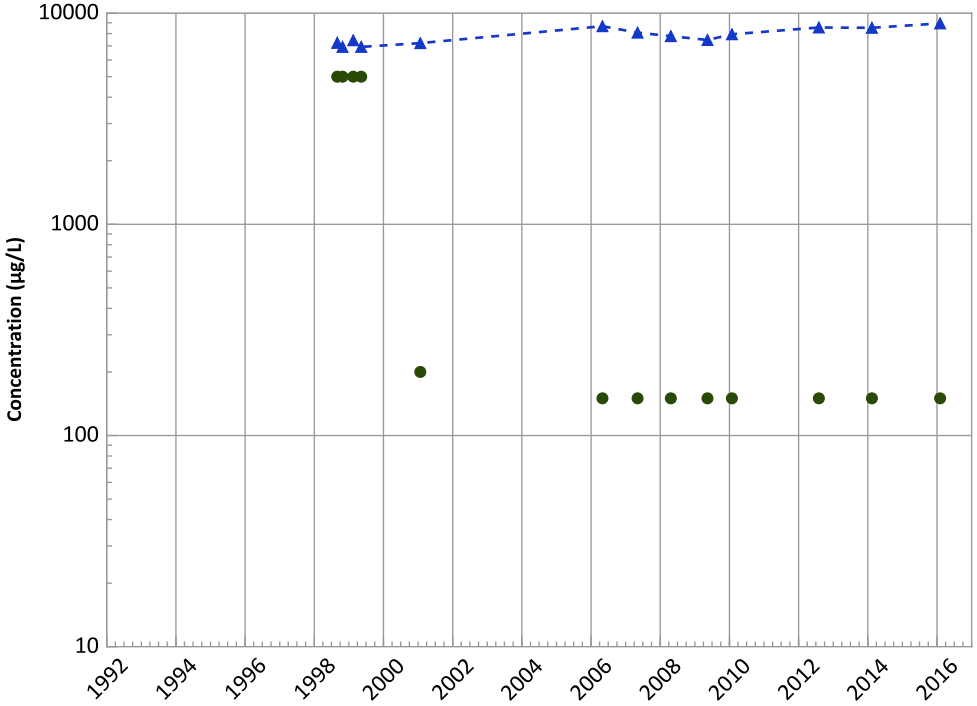


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Potassium Trend



Concentration Trend

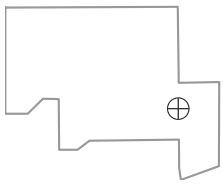
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

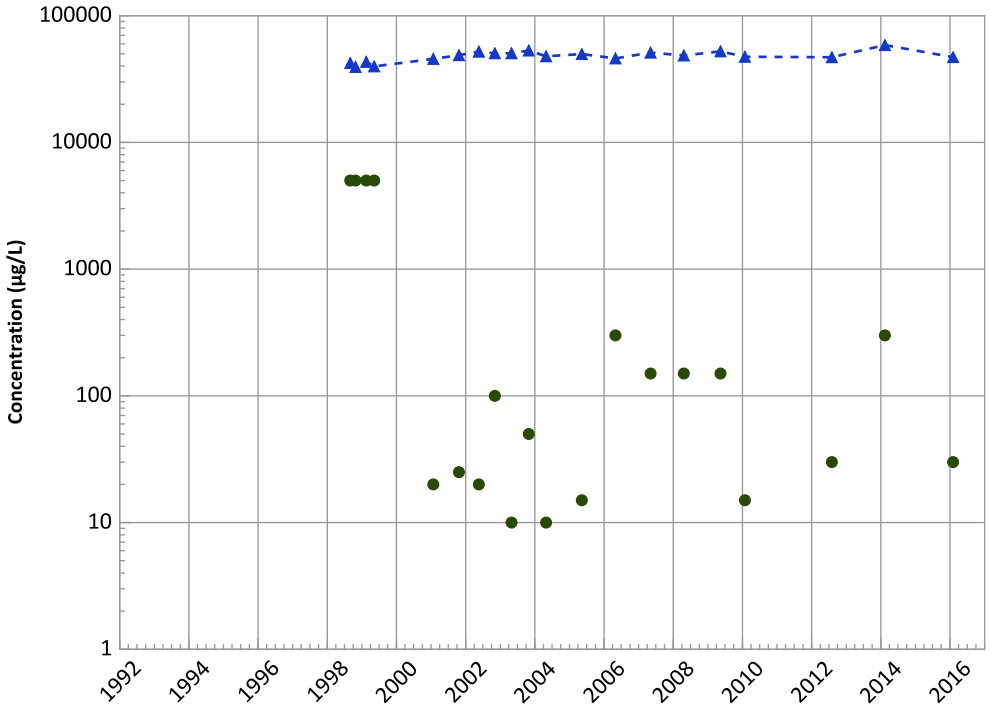
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

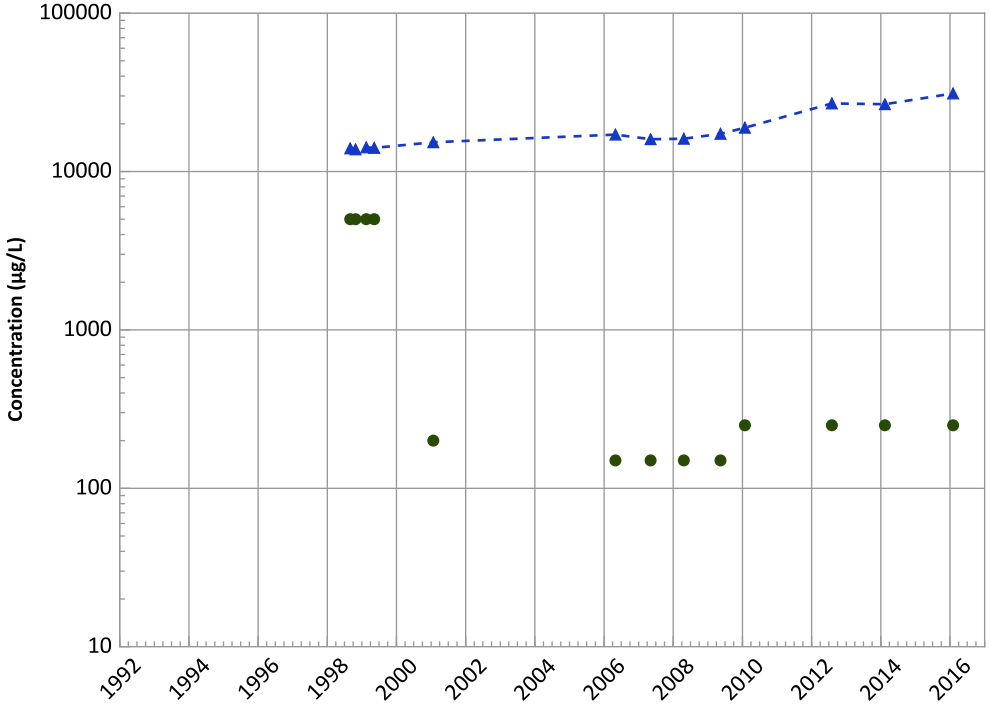


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Sodium Trend



Concentration Trend

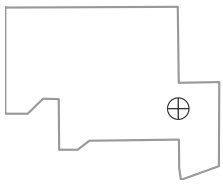
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

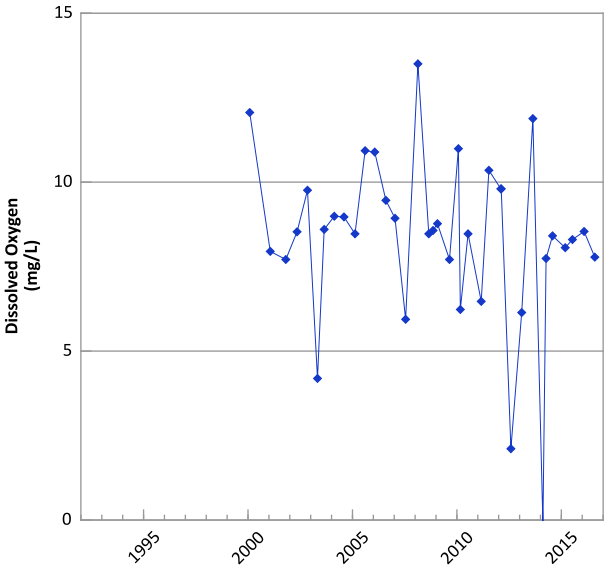
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

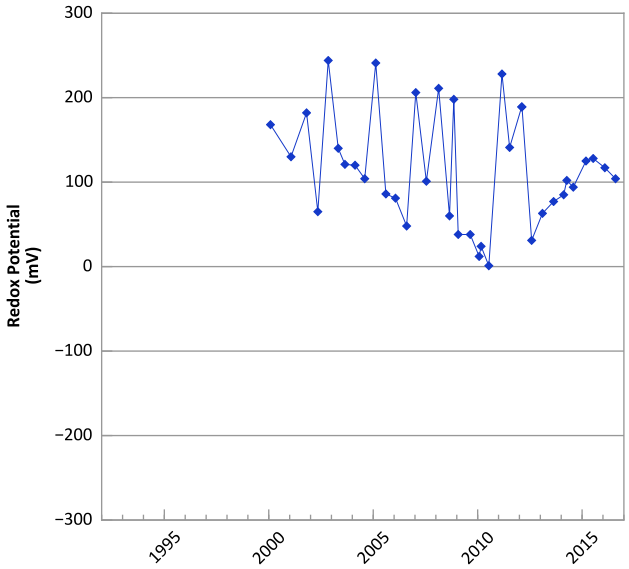
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

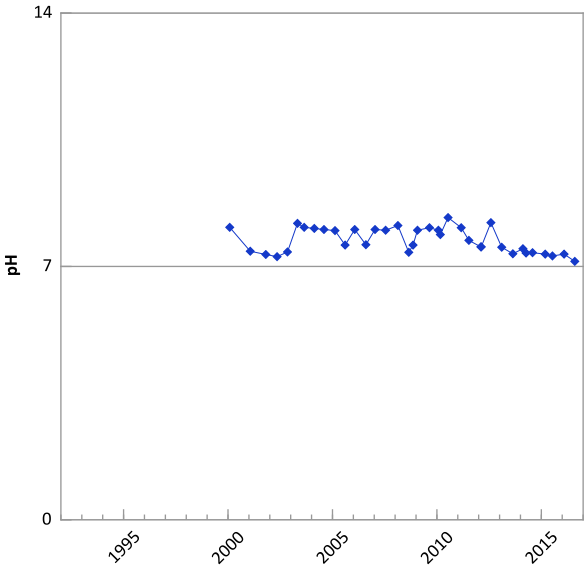
Well Location

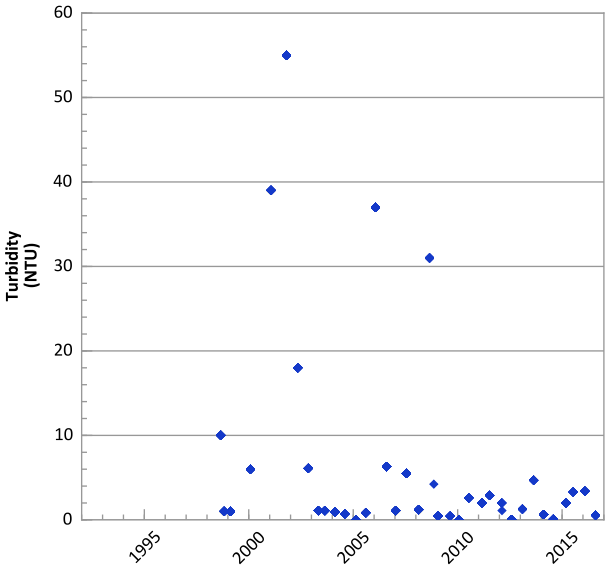


PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



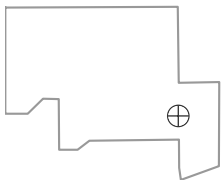






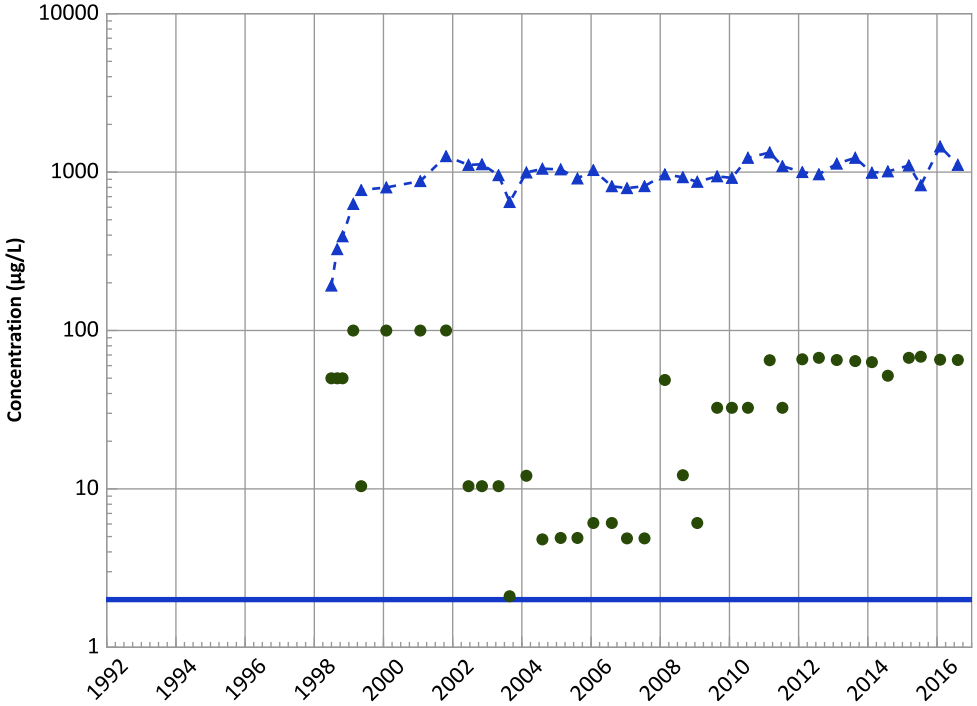
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

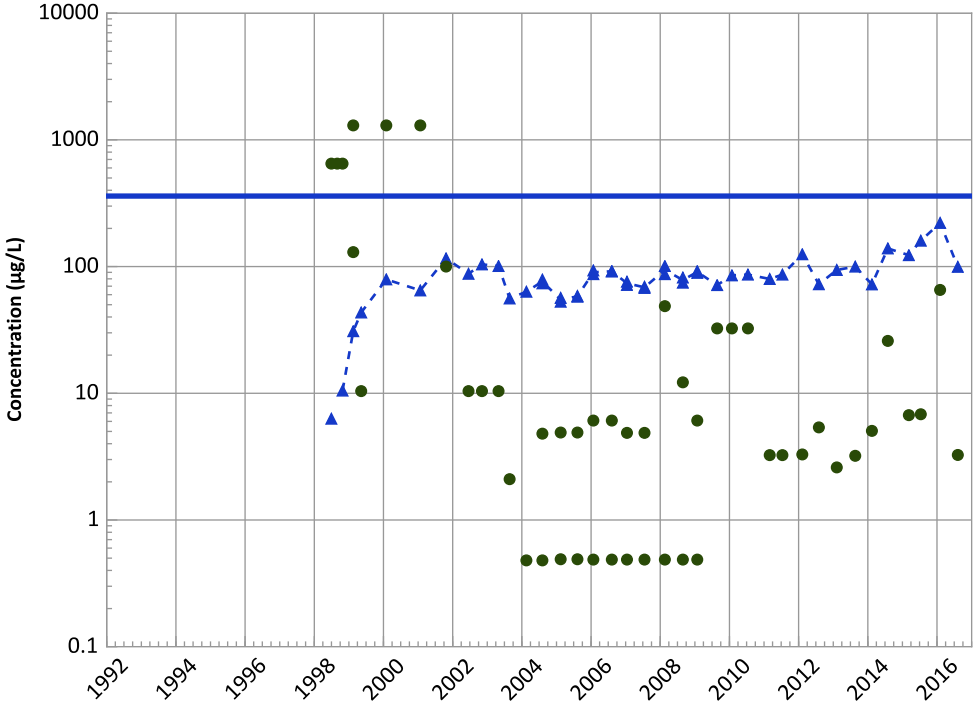


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

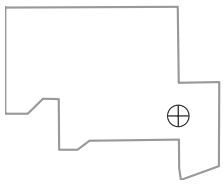
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

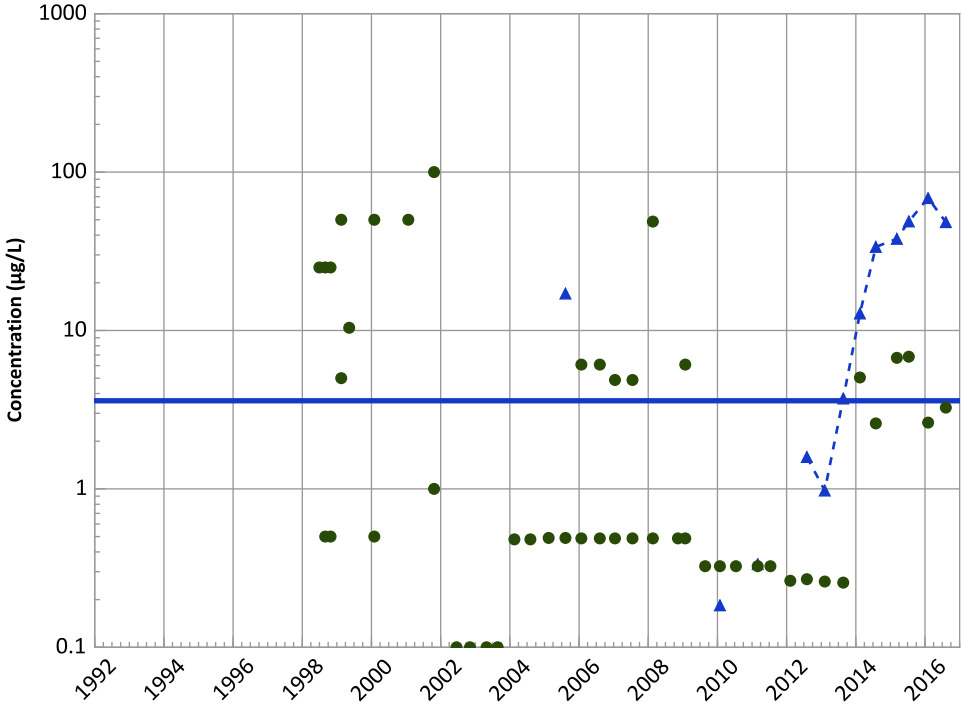
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

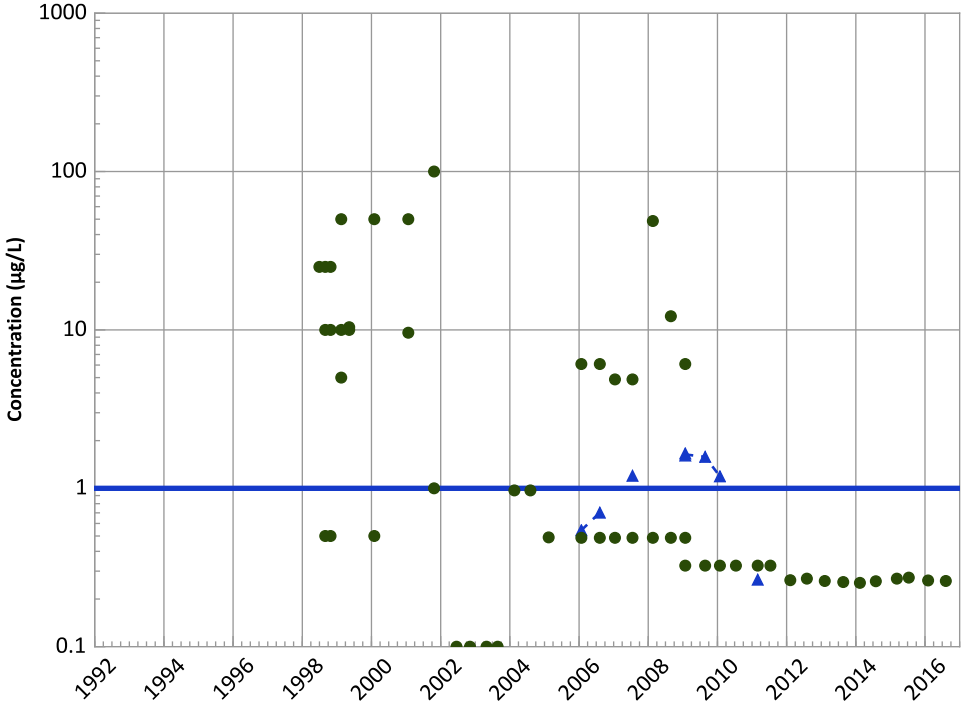


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

2,4-Dinitrotoluene Trend



Concentration Trend

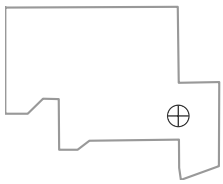
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

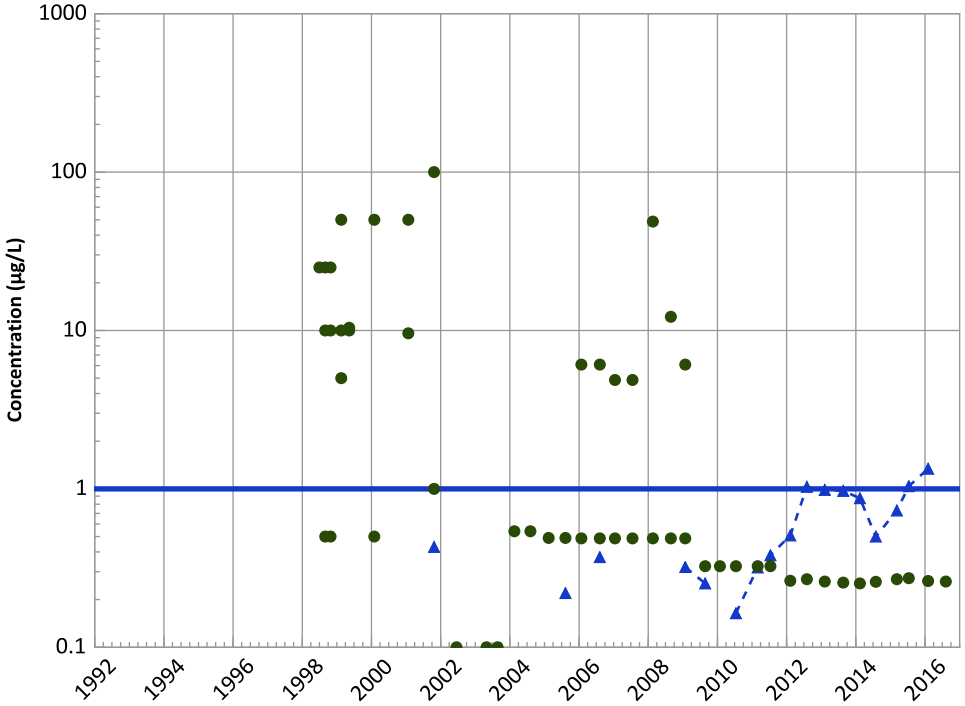
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

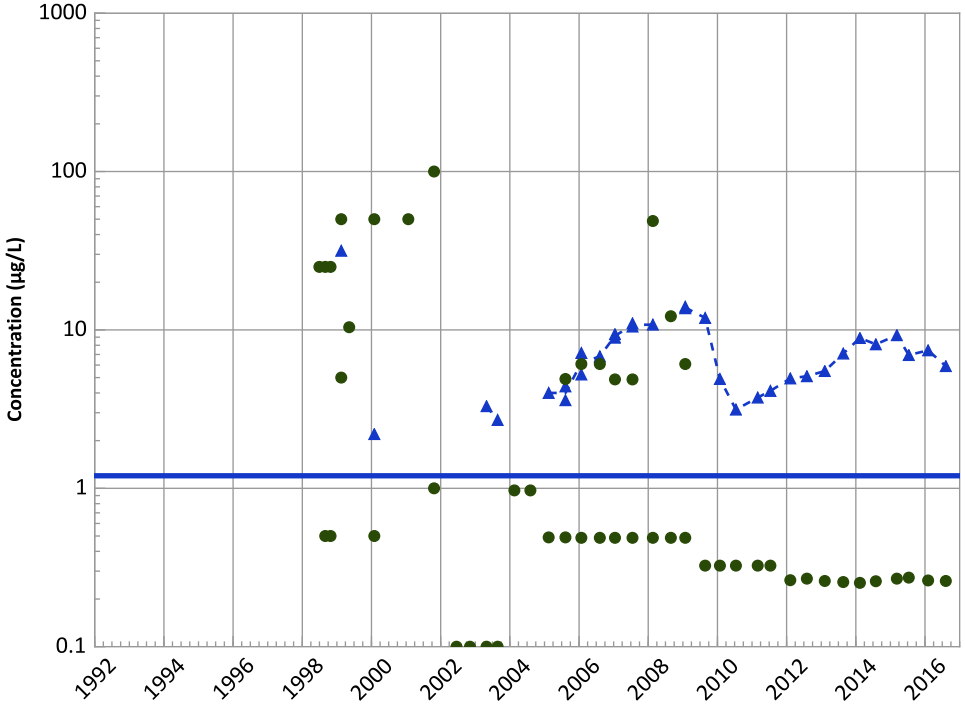


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

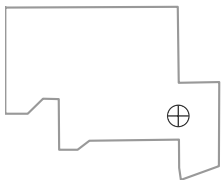
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

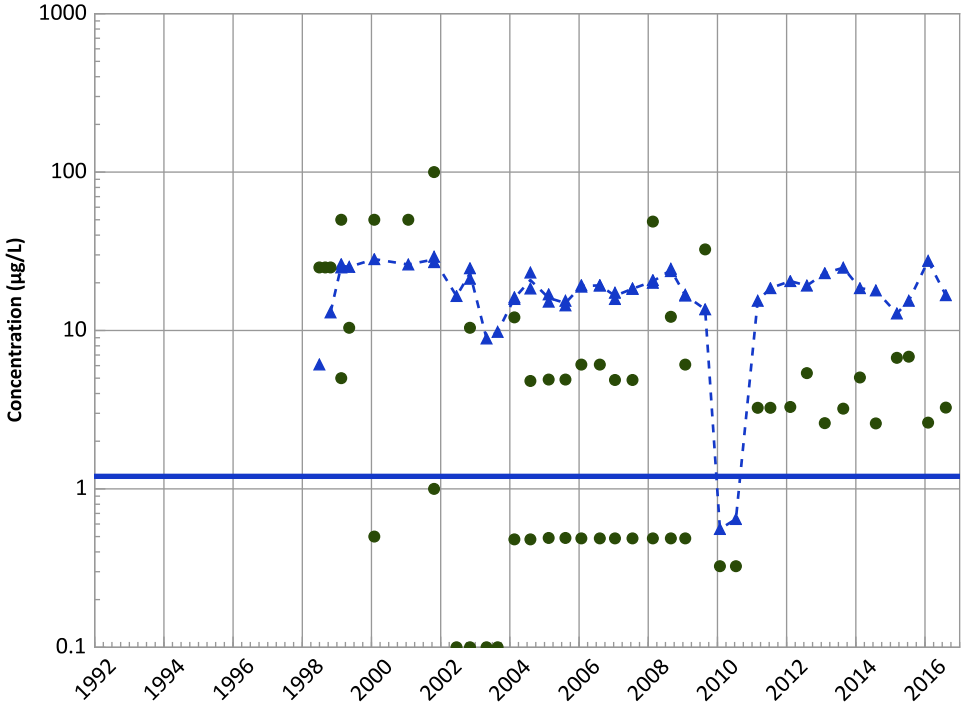
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

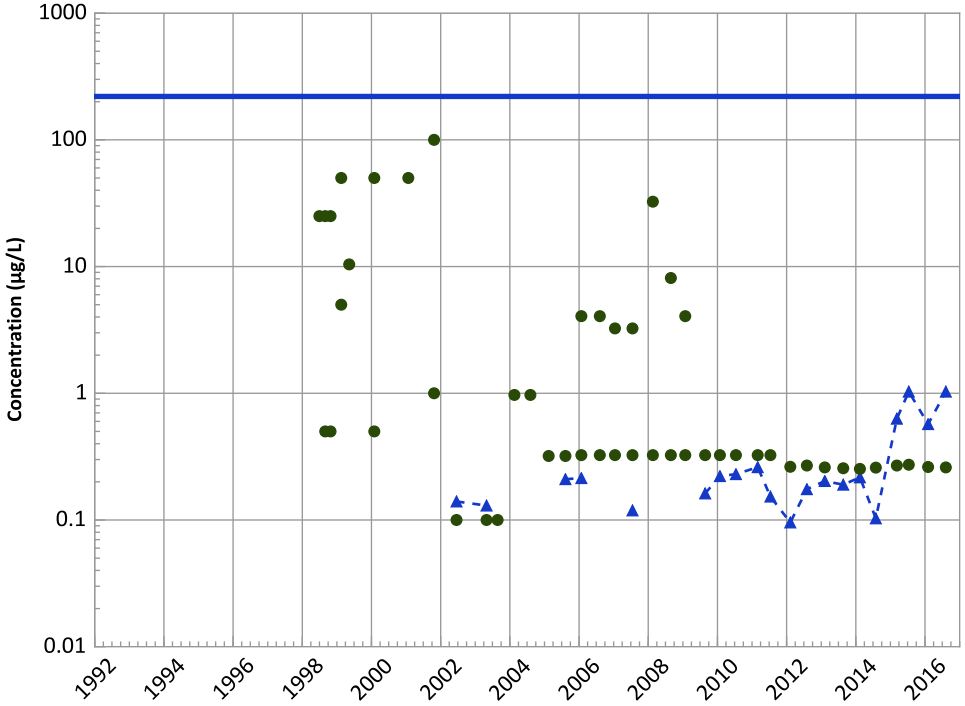


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

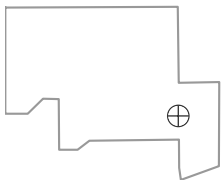
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

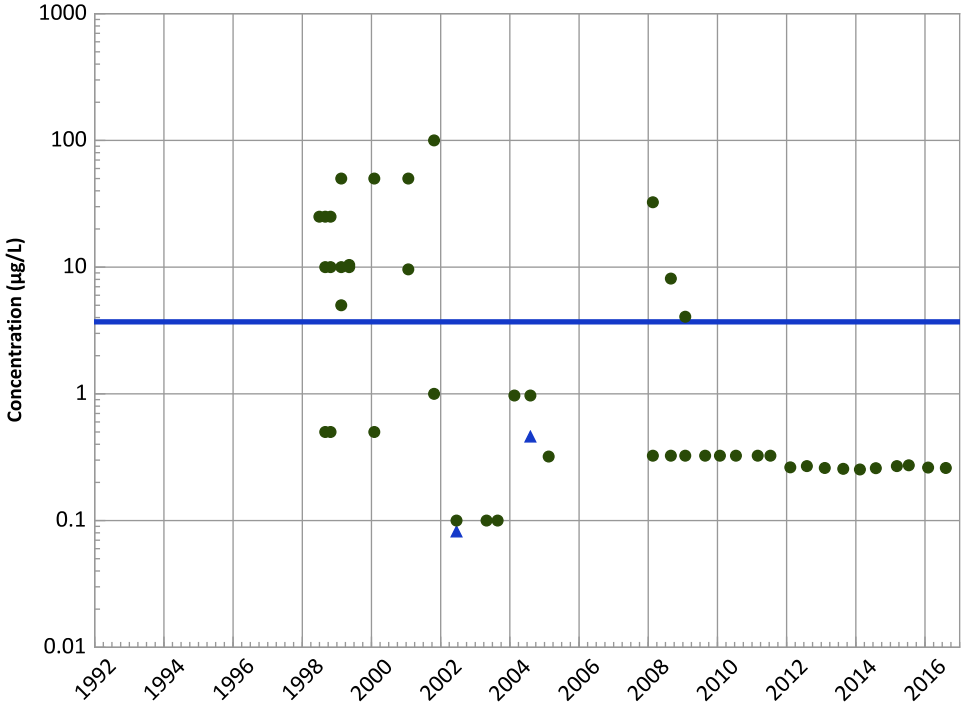
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

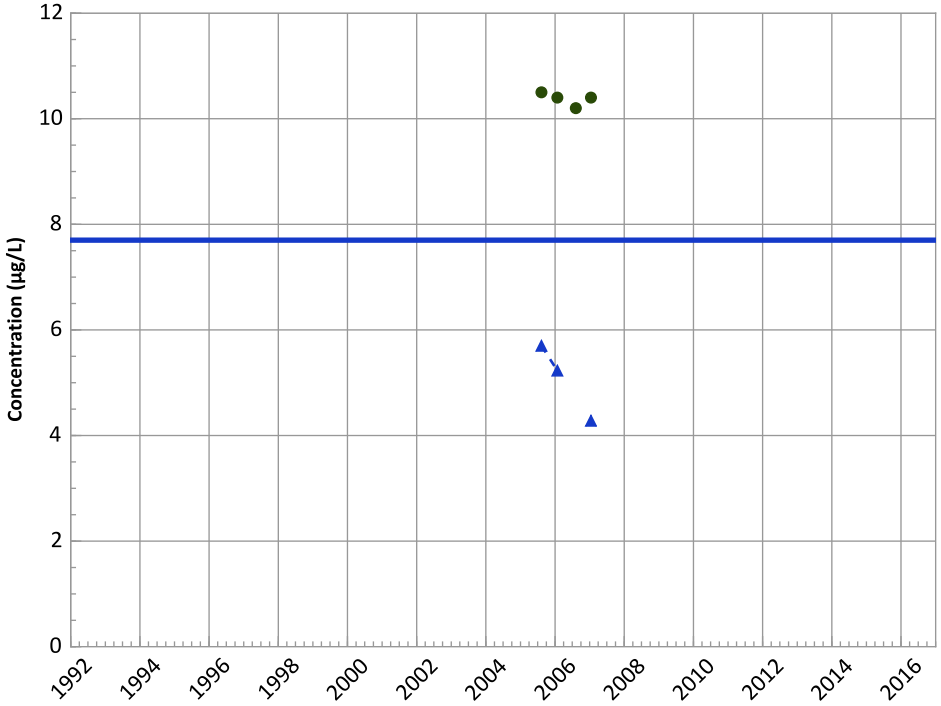


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

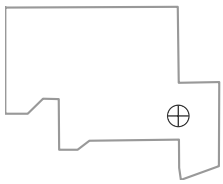
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

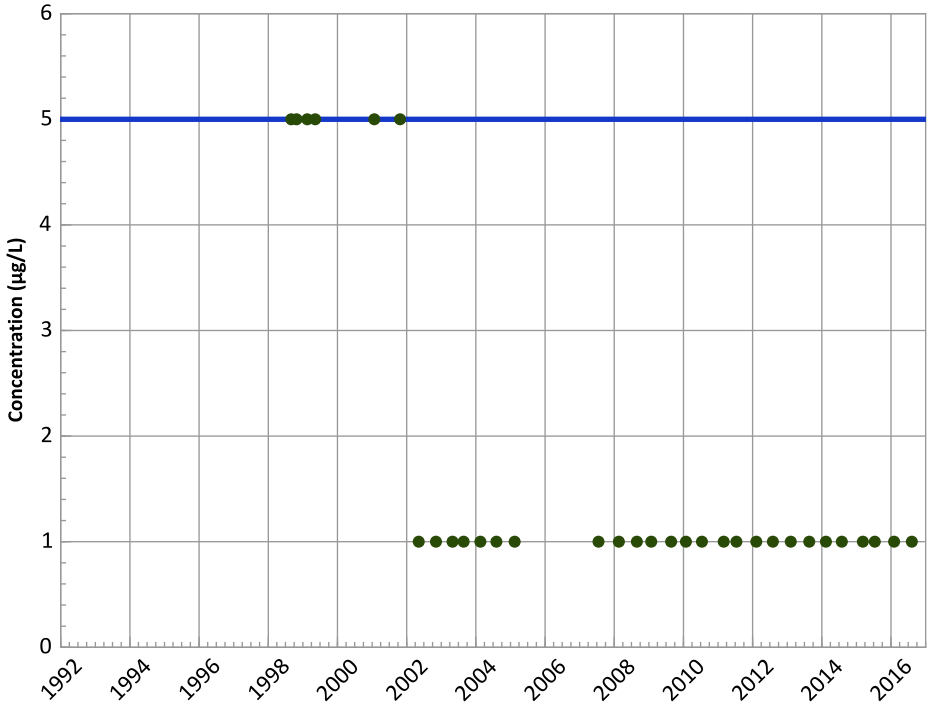
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

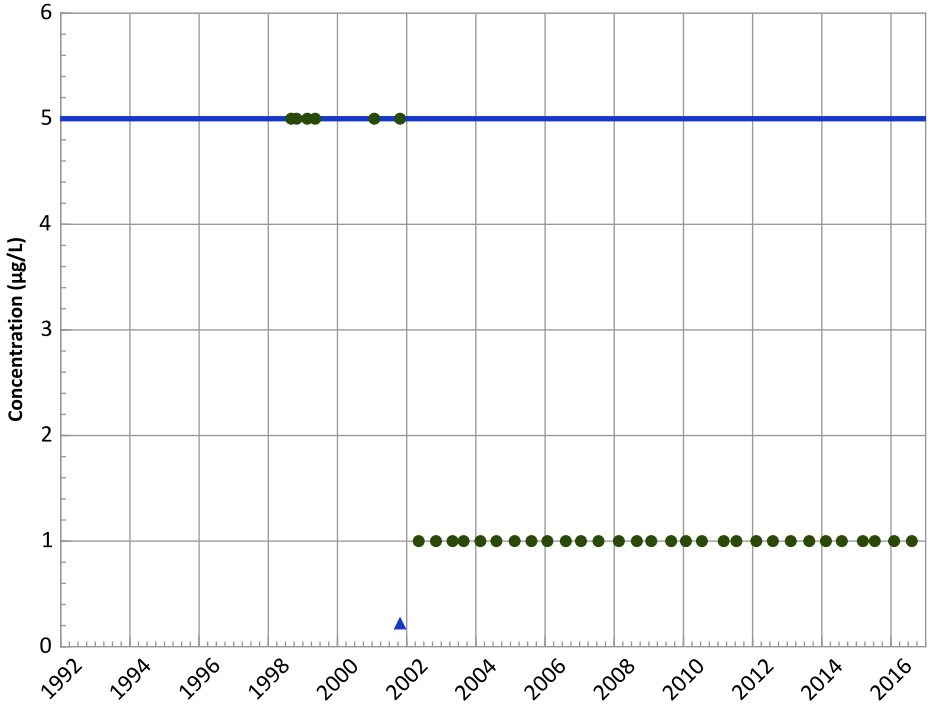


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

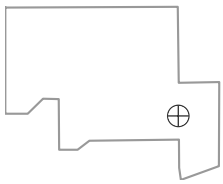
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

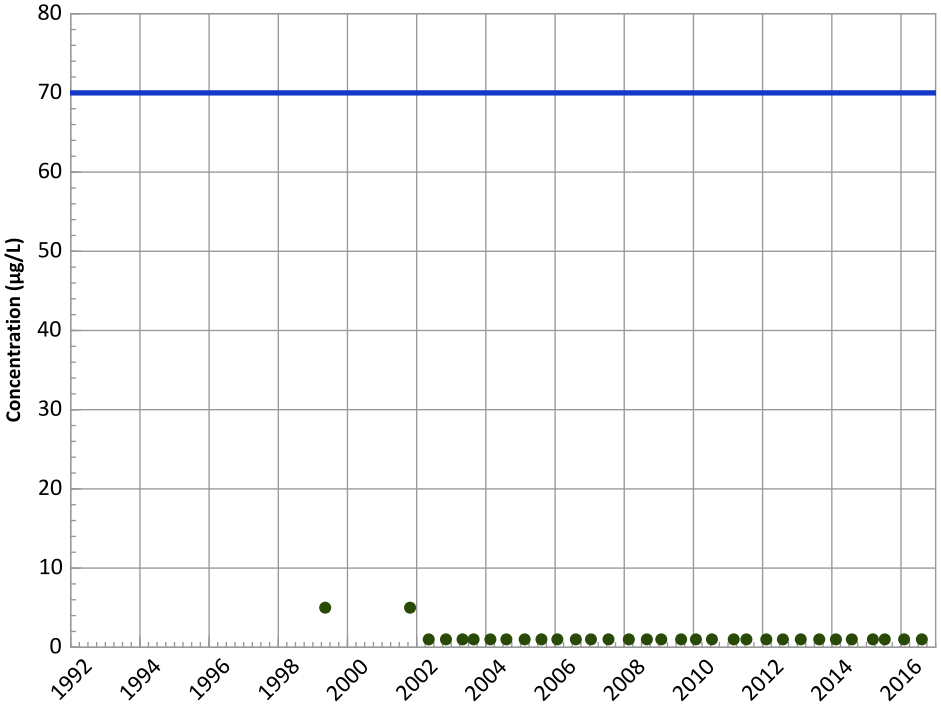
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

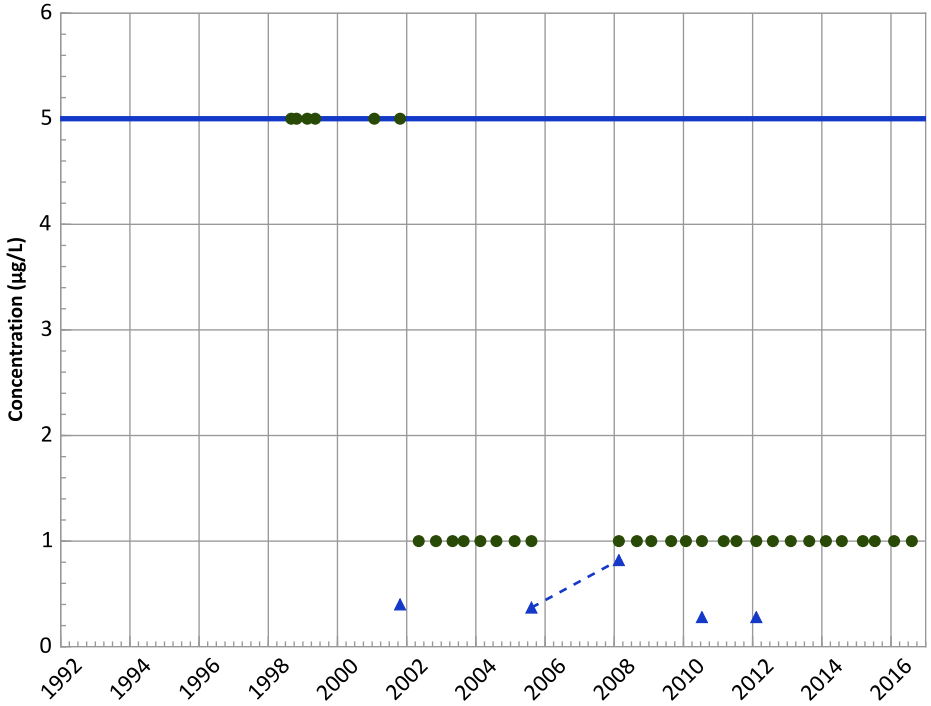


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

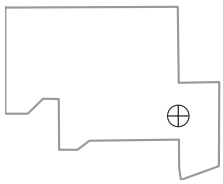
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

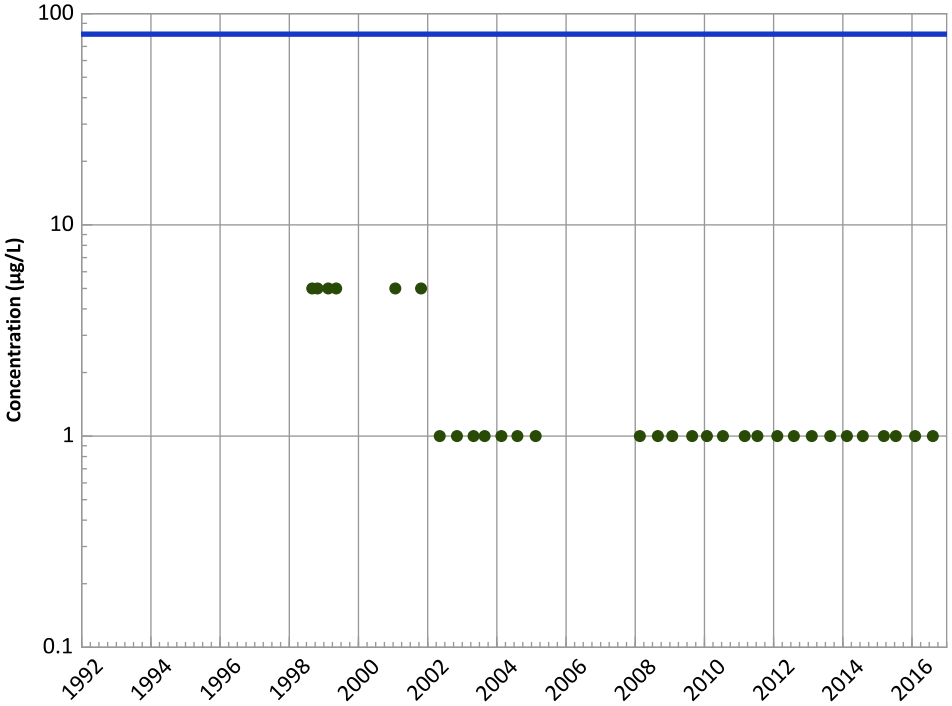
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

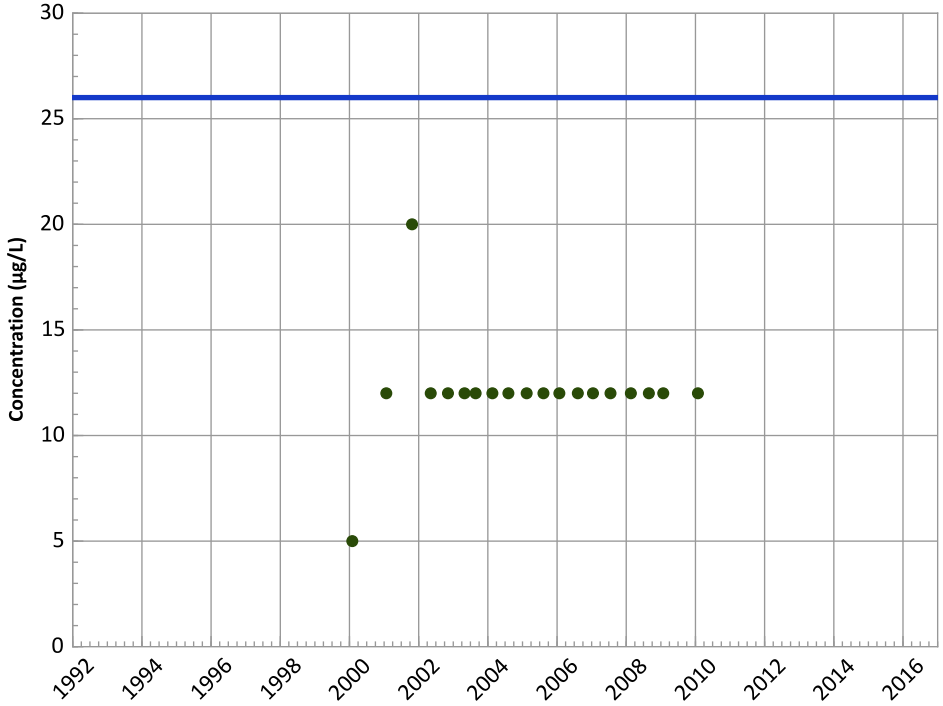


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

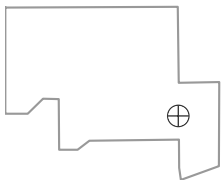
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

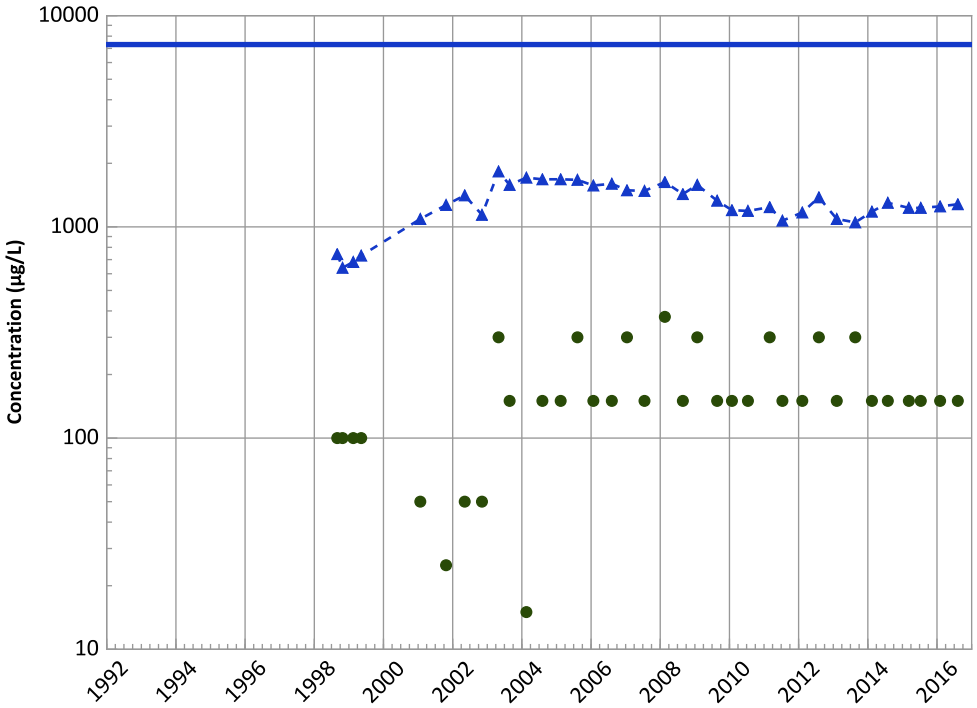
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

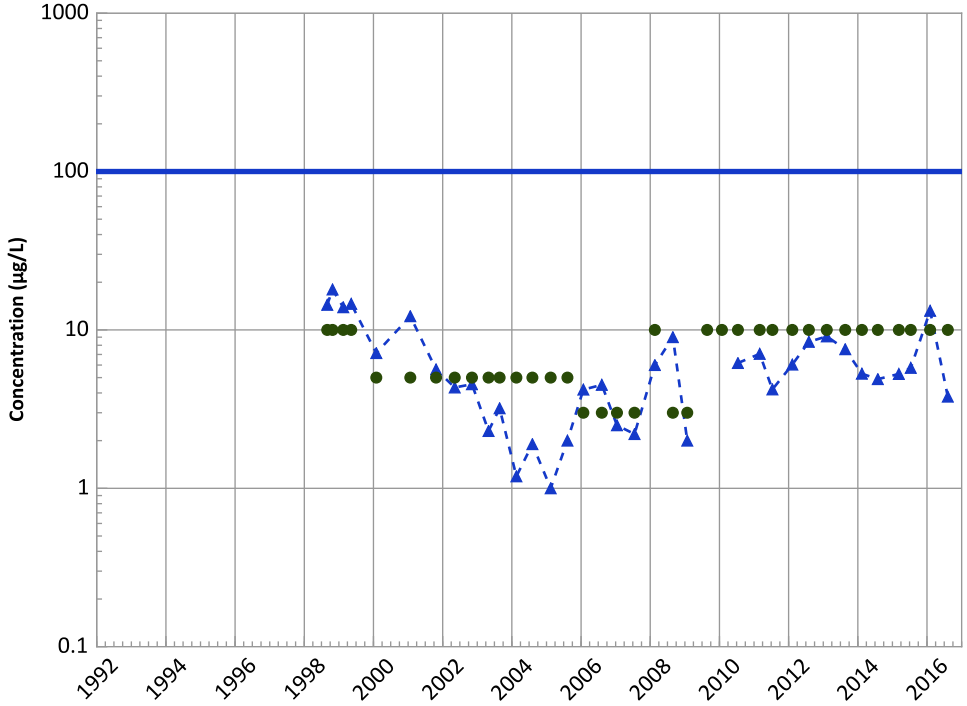


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Probably Increasing

Chromium, Total Trend



Concentration Trend

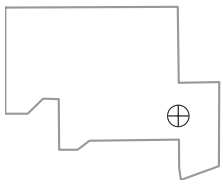
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

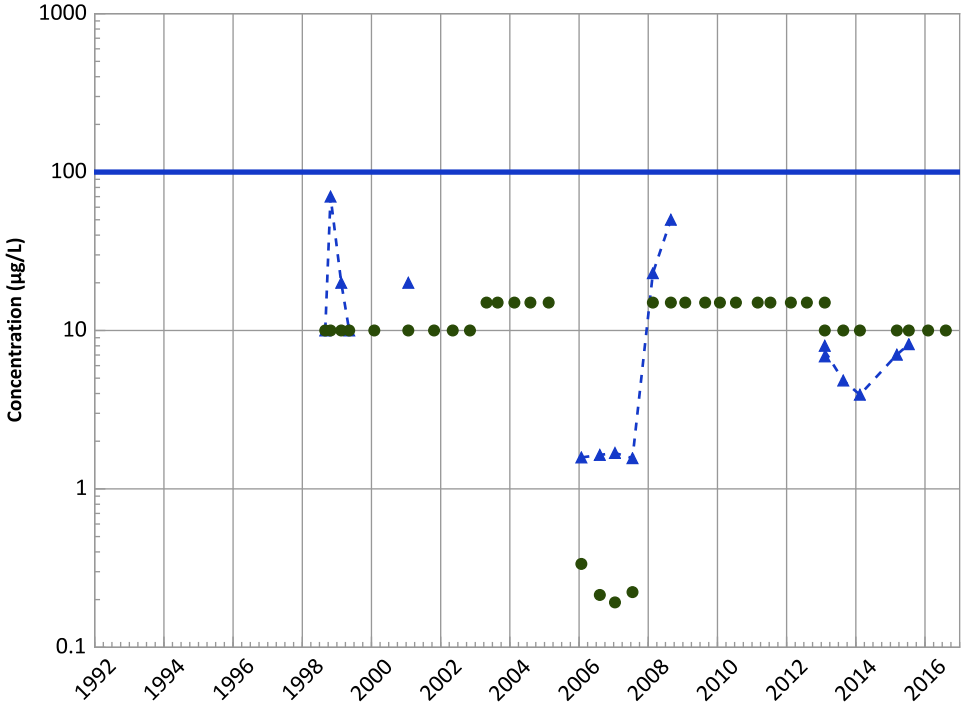
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

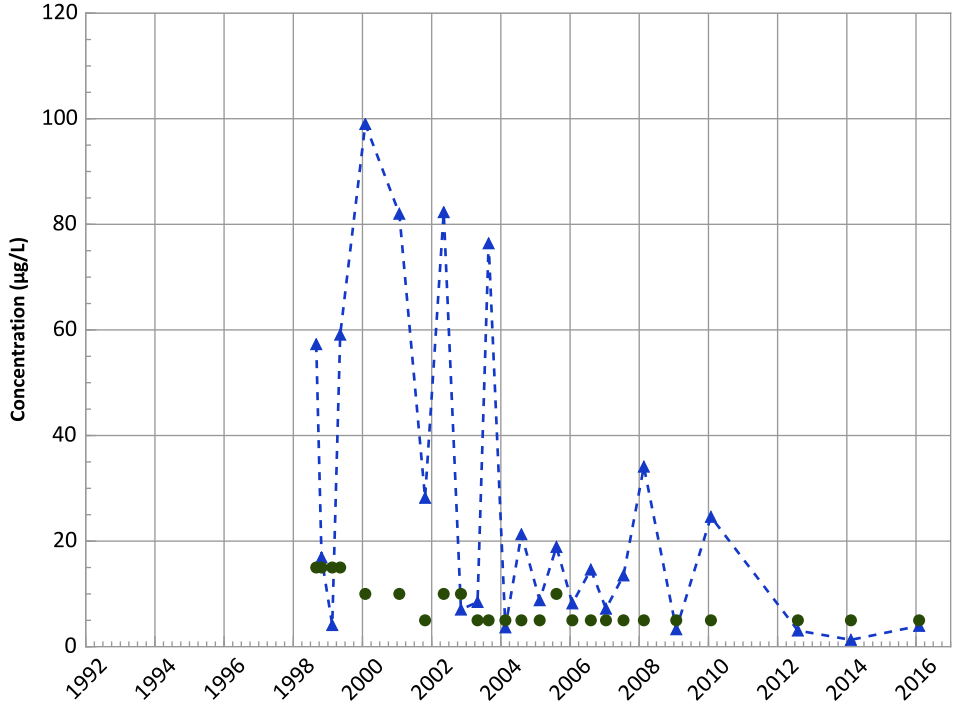


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Decreasing

Manganese Trend



Concentration Trend

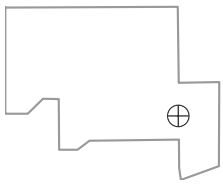
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

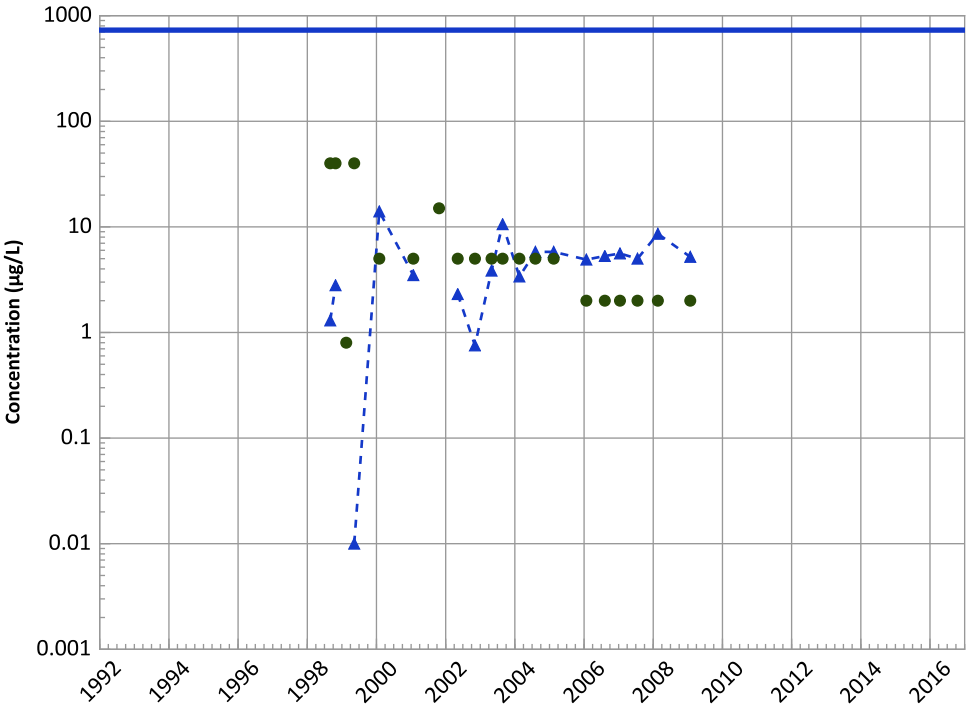
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

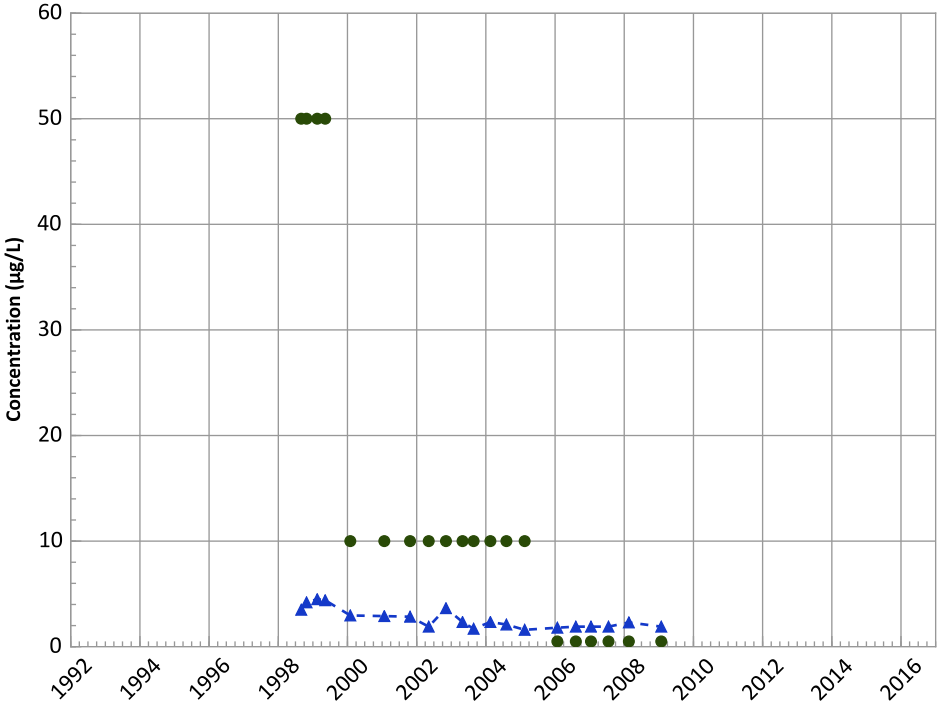


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Molybdenum Trend



Concentration Trend

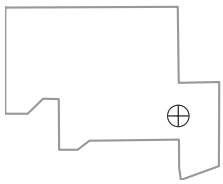
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

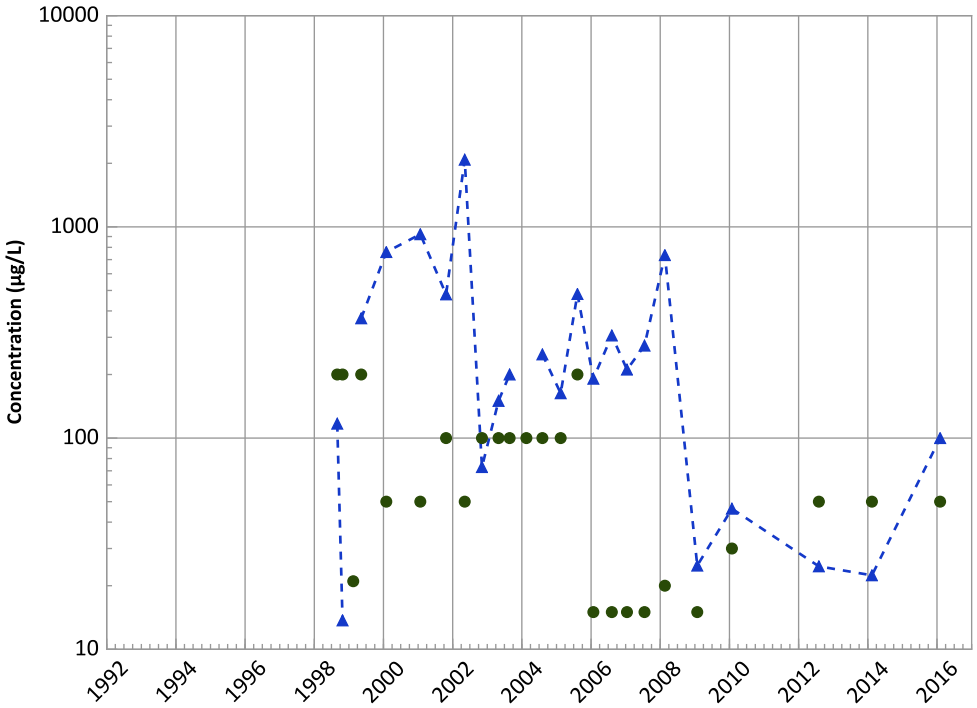
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

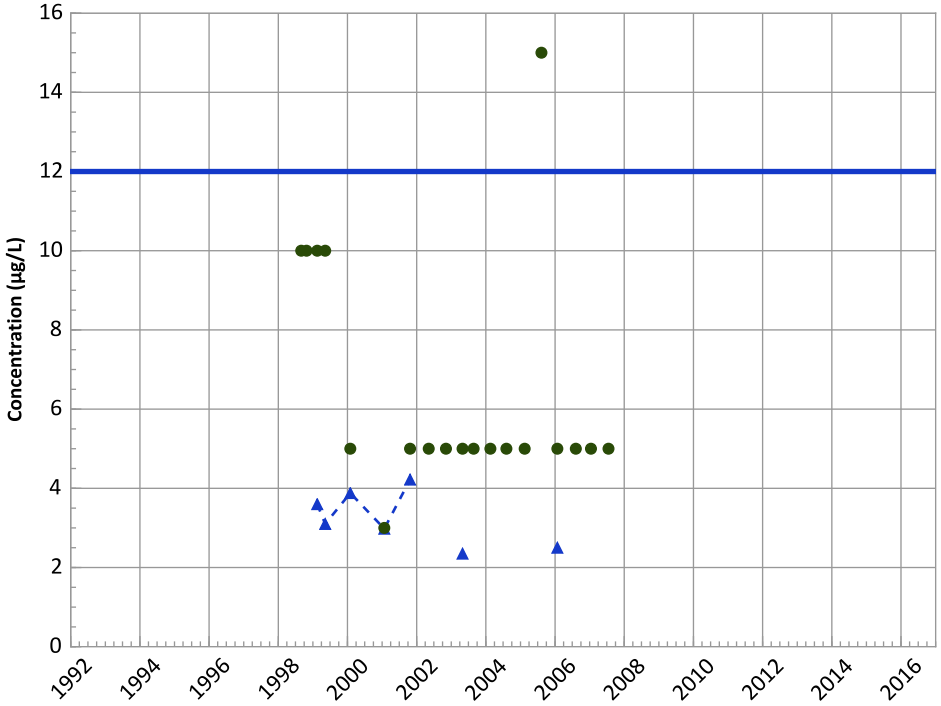


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Arsenic Trend



Concentration Trend

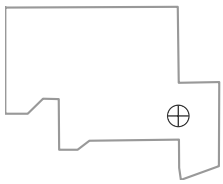
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

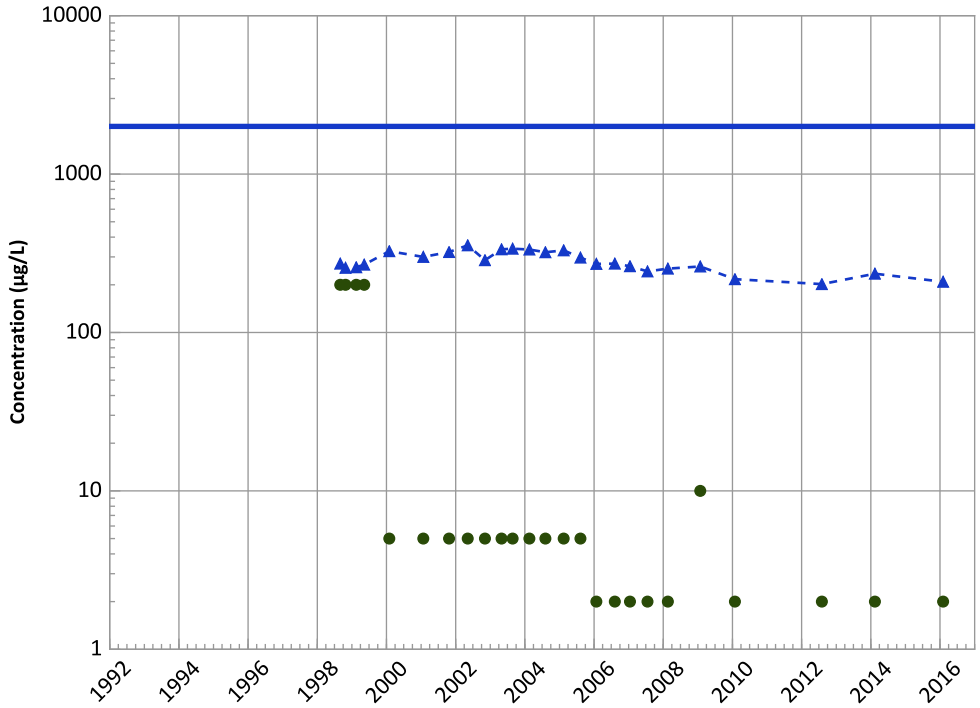
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

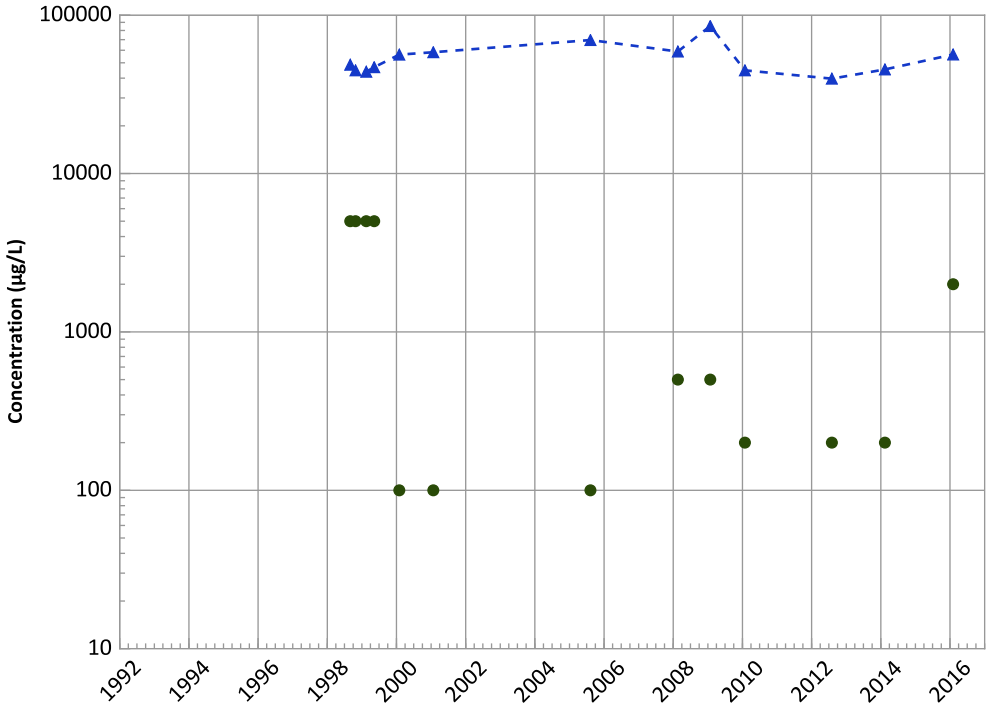


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Calcium Trend



Concentration Trend

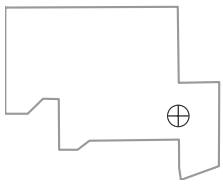
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

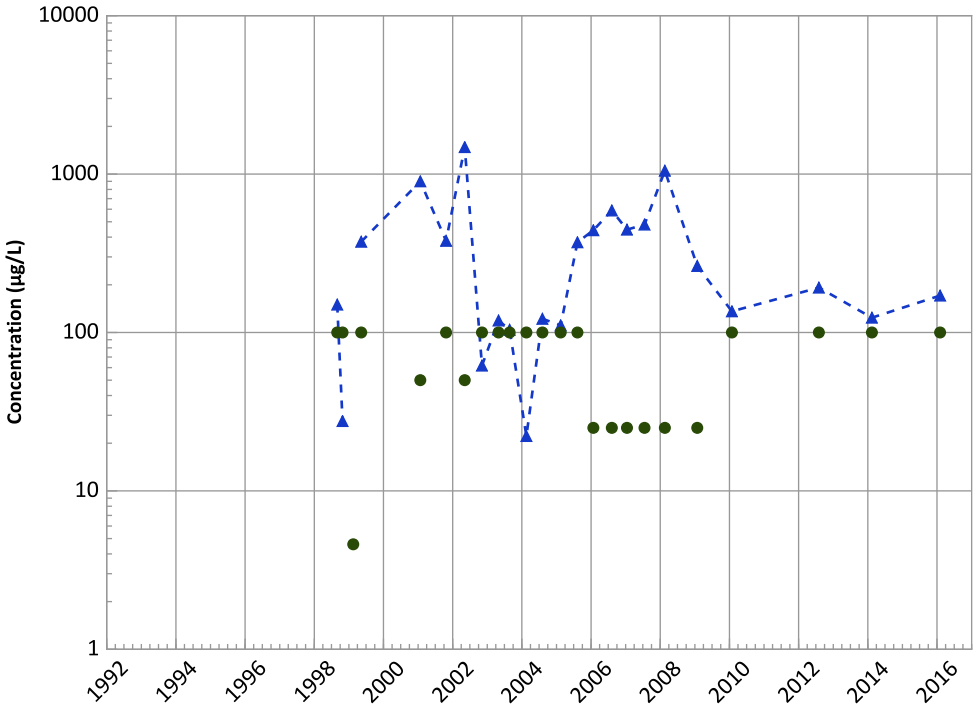
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

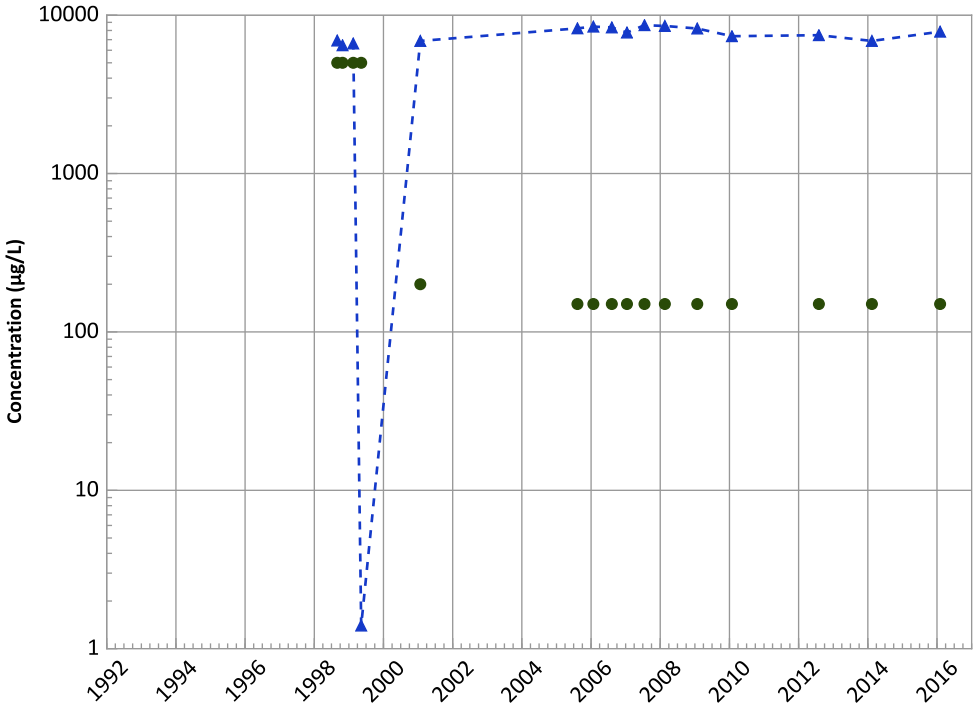


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Potassium Trend



Concentration Trend

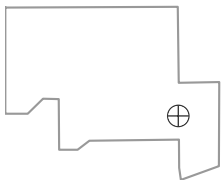
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

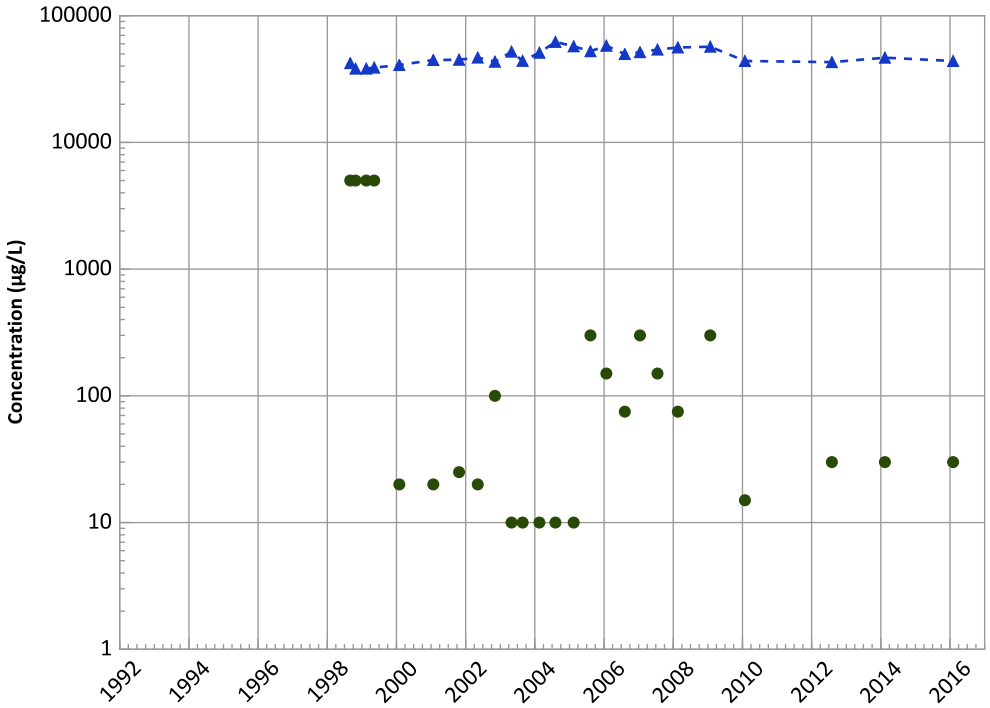
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

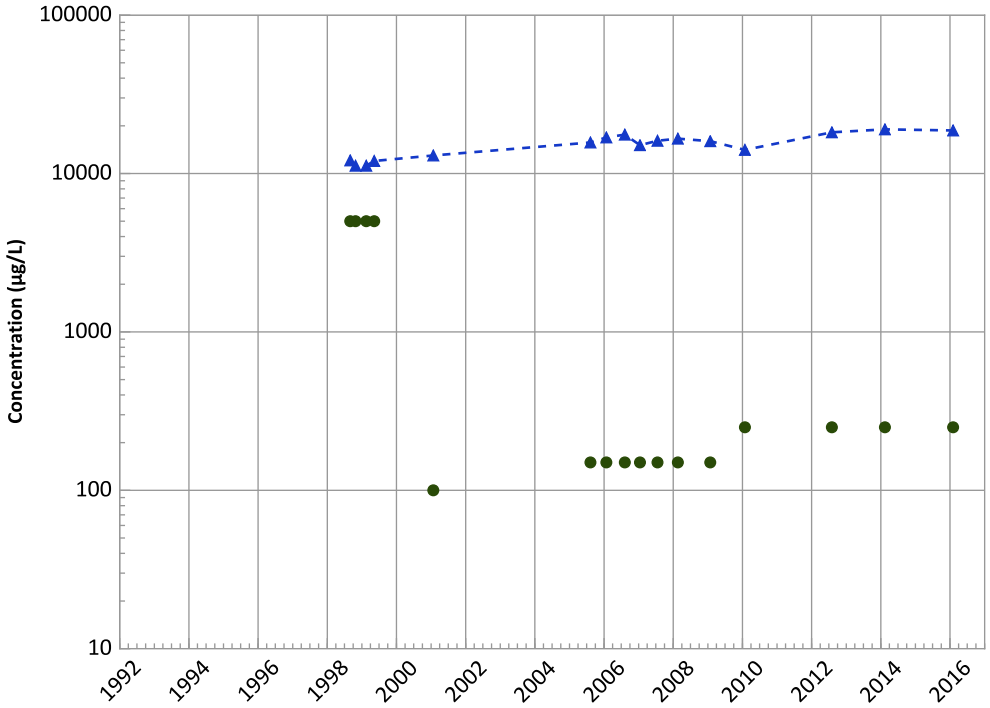


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Sodium Trend



Concentration Trend

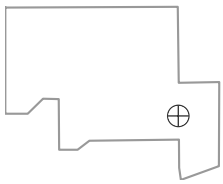
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

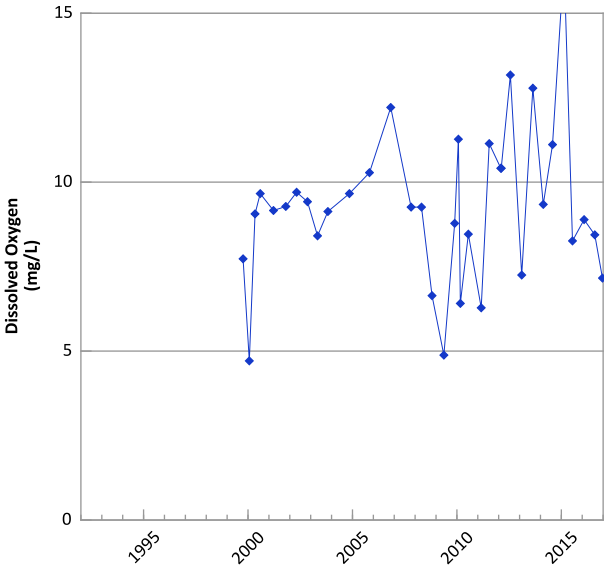
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/30/1998 to 08/08/2016
Analysis Date: 03/07/2017

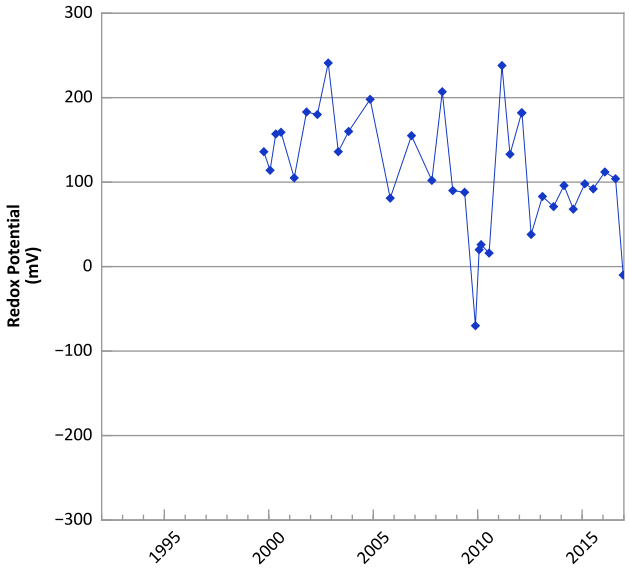
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

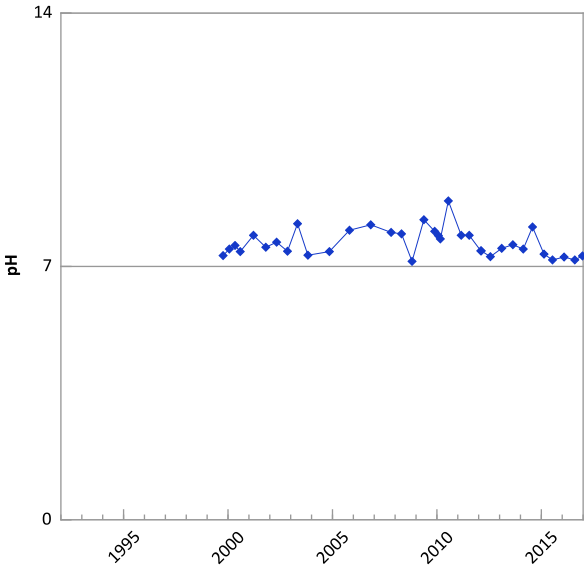
Well Location

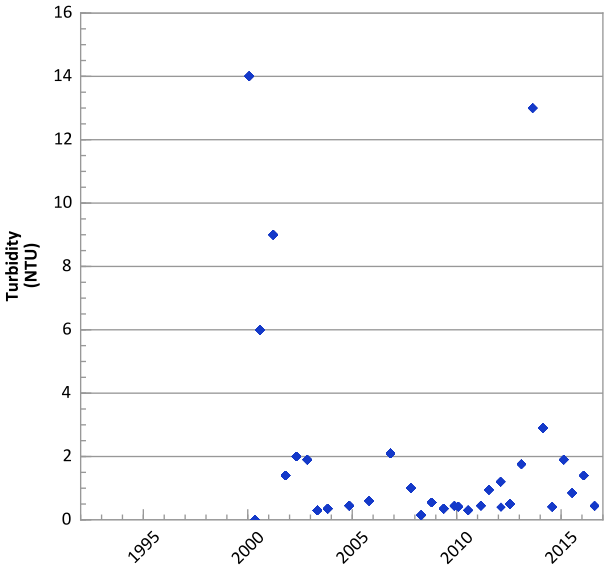


PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



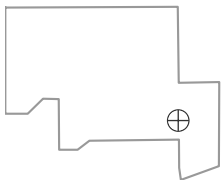






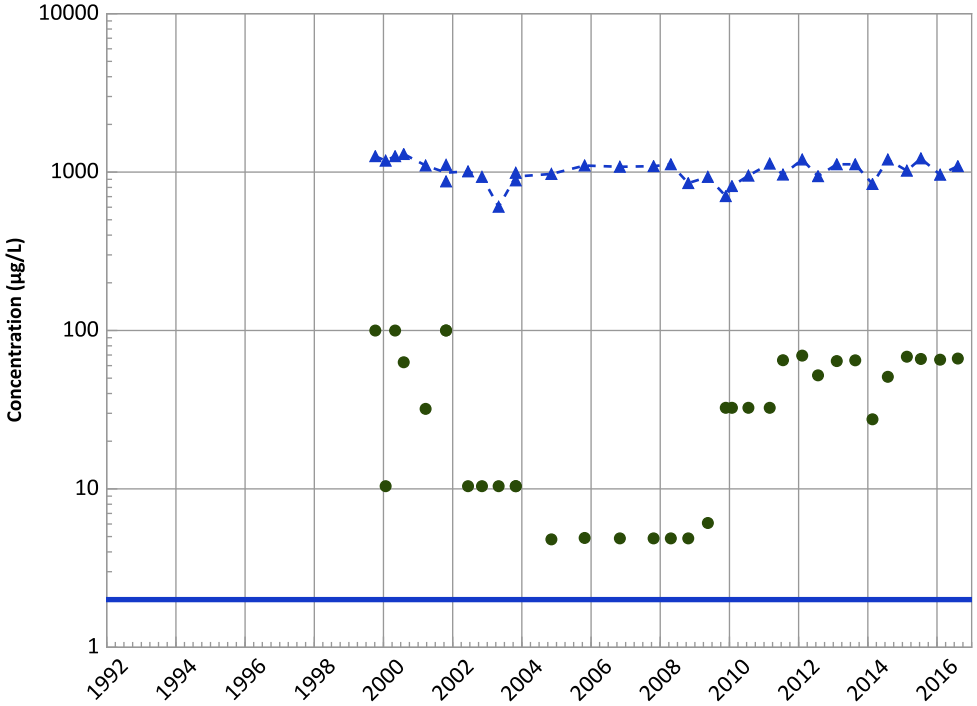
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

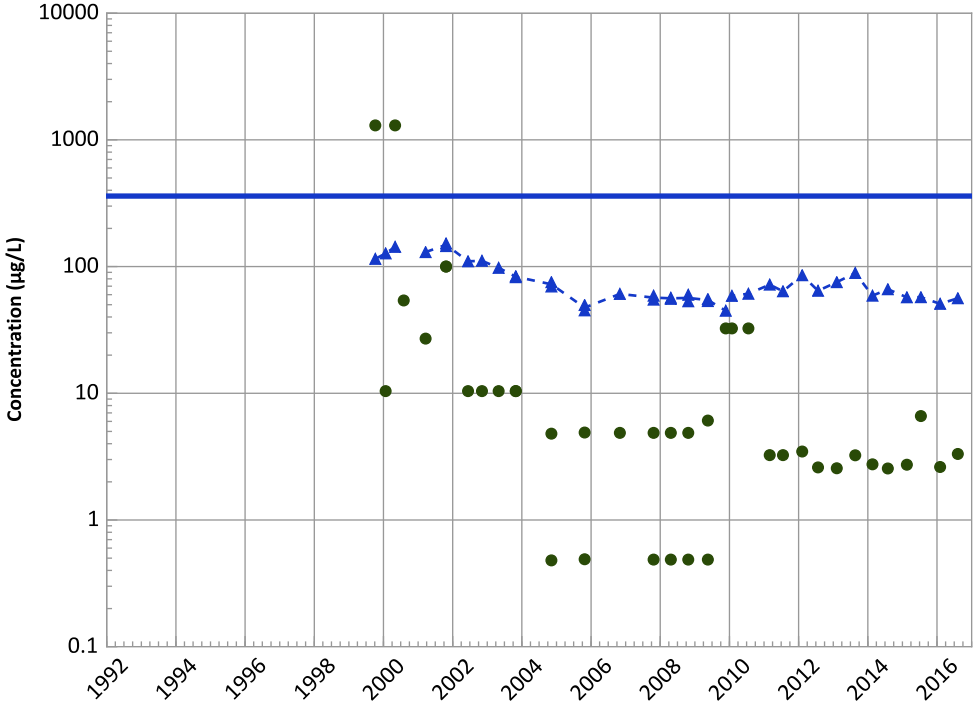


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

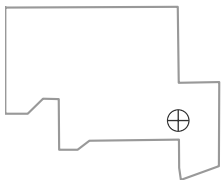
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

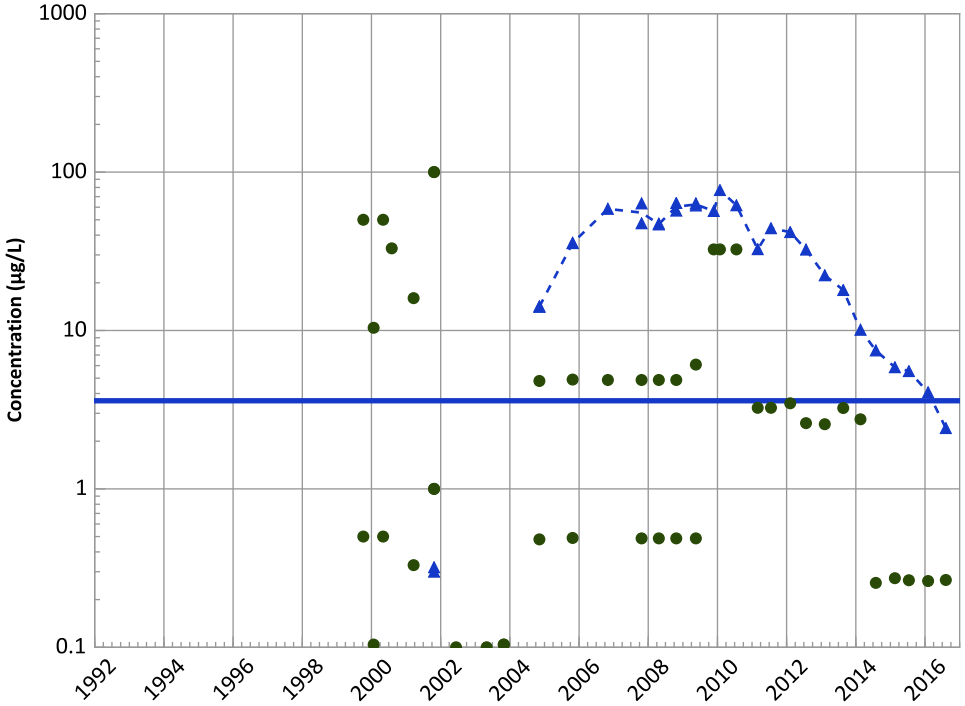
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

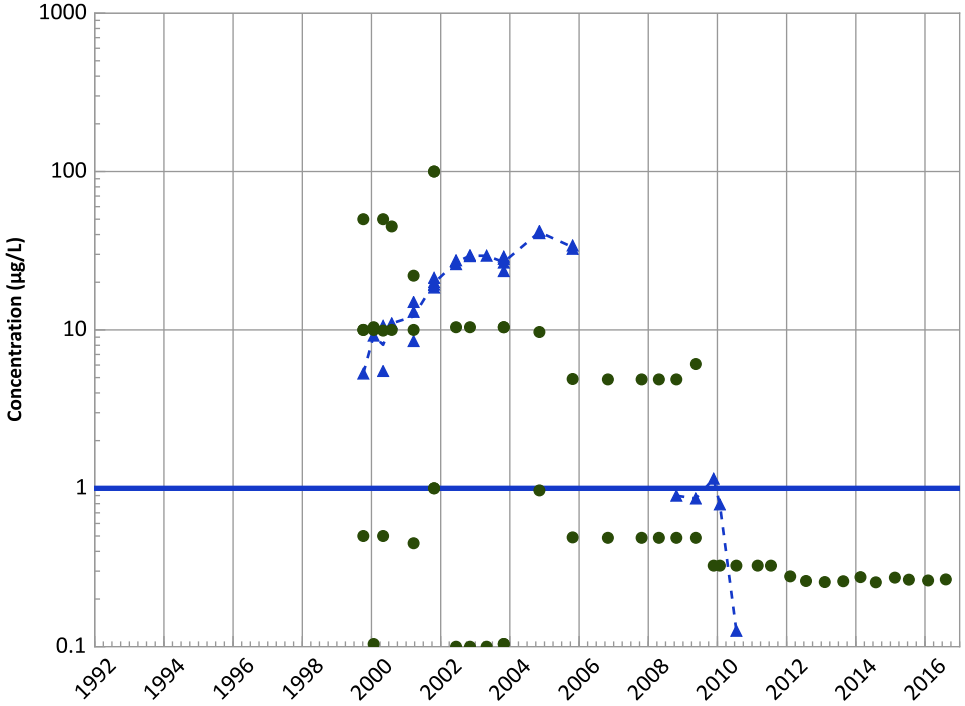


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Stable

2,4-Dinitrotoluene Trend



Concentration Trend

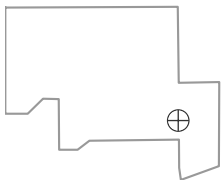
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

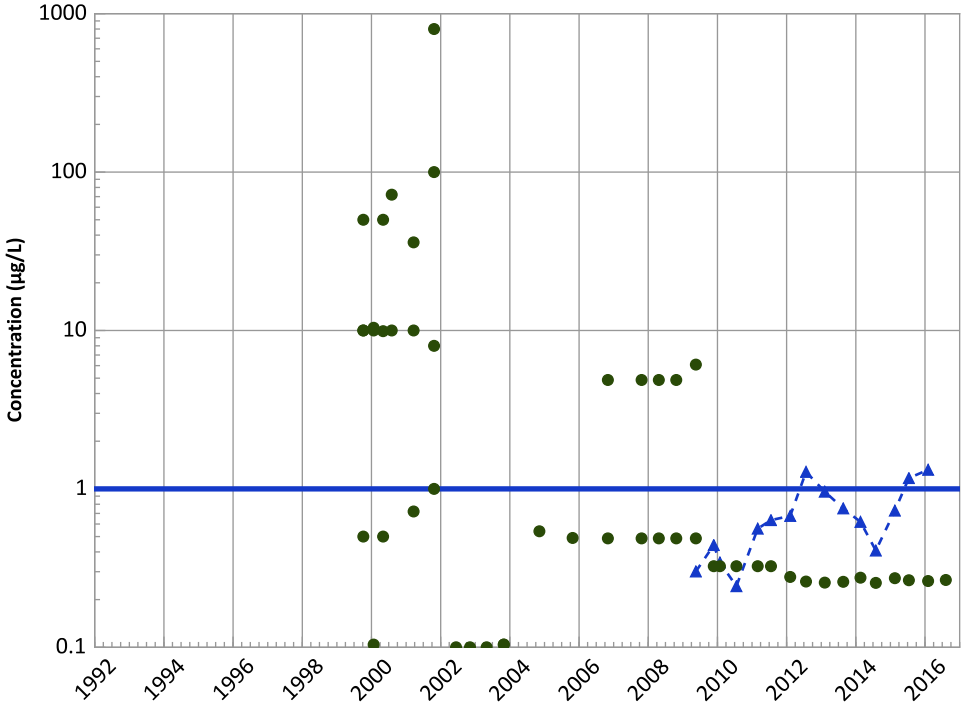
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

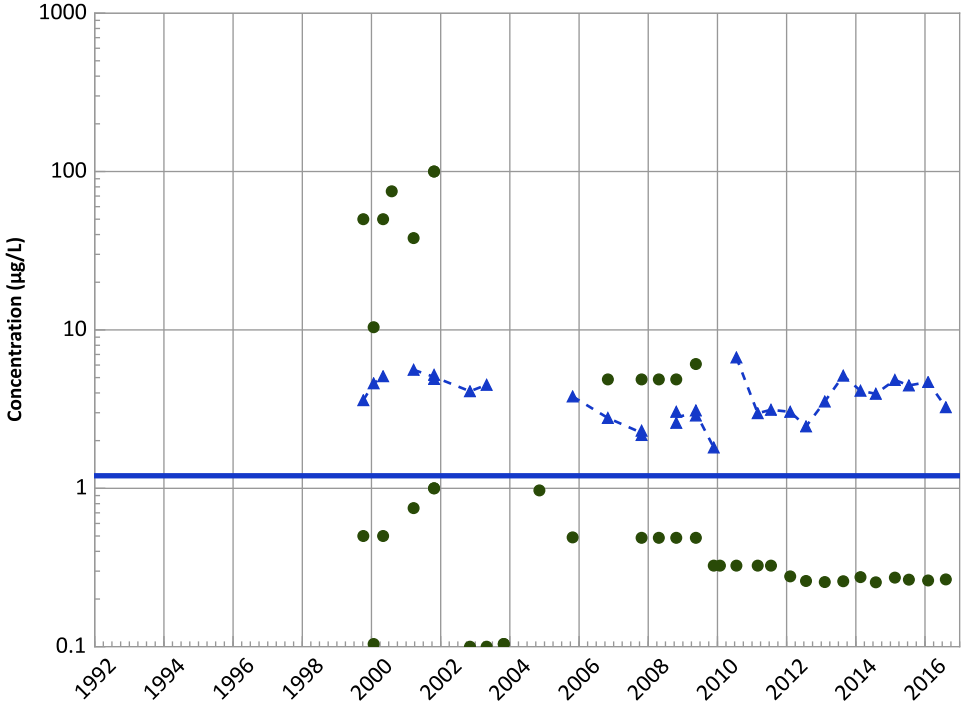


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

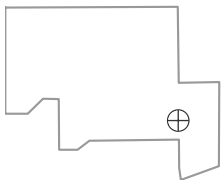
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

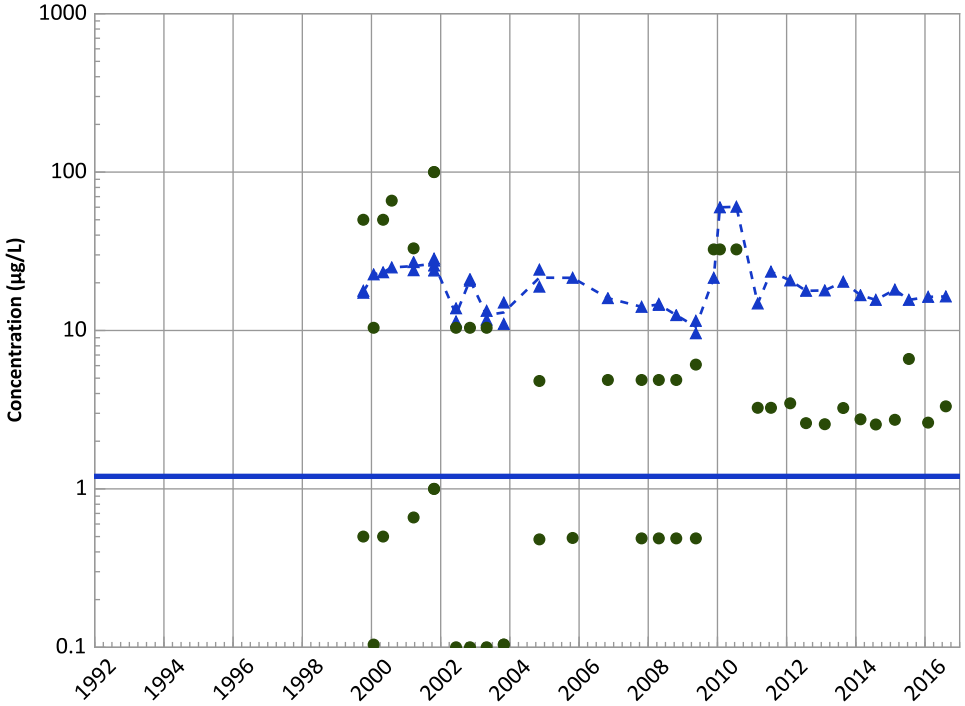
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

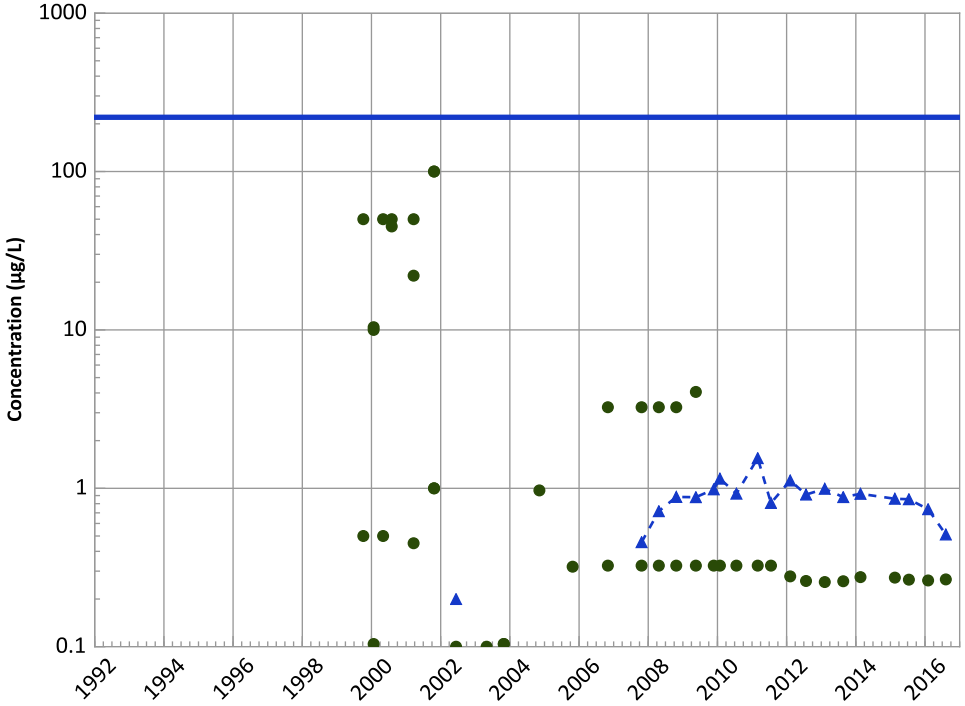


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

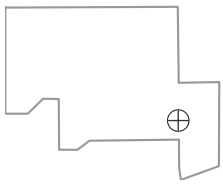
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

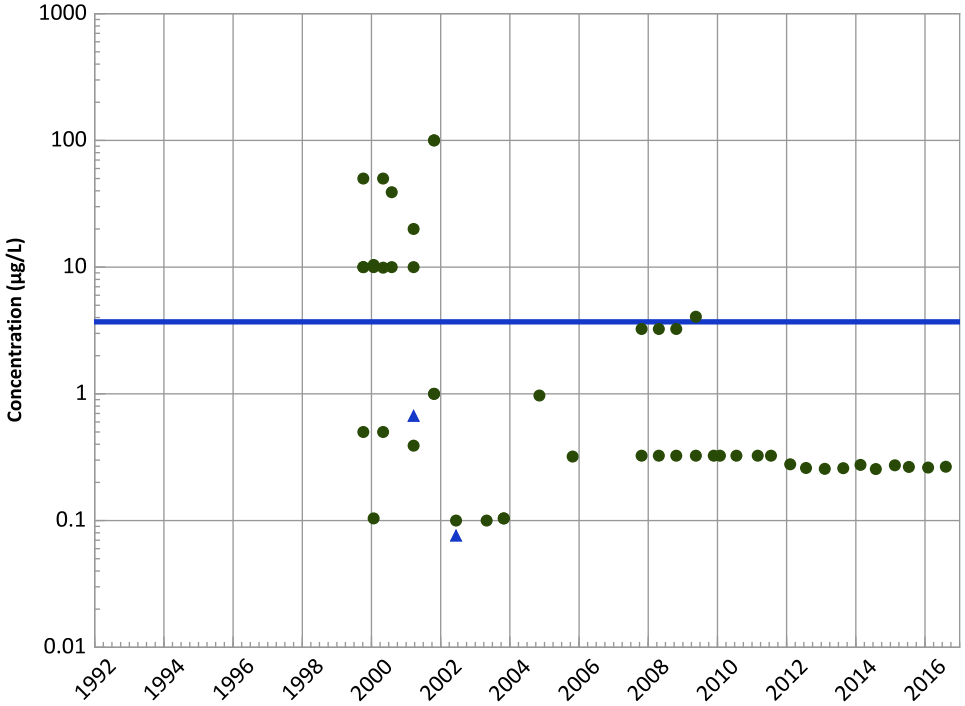
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

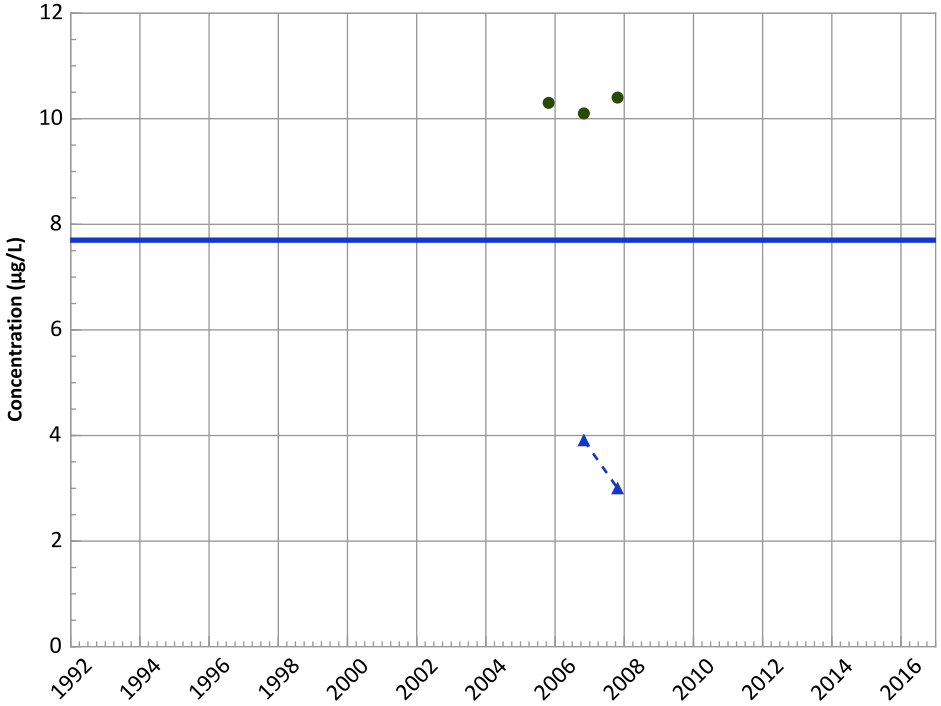


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

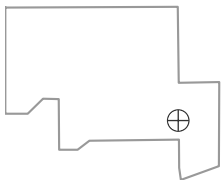
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

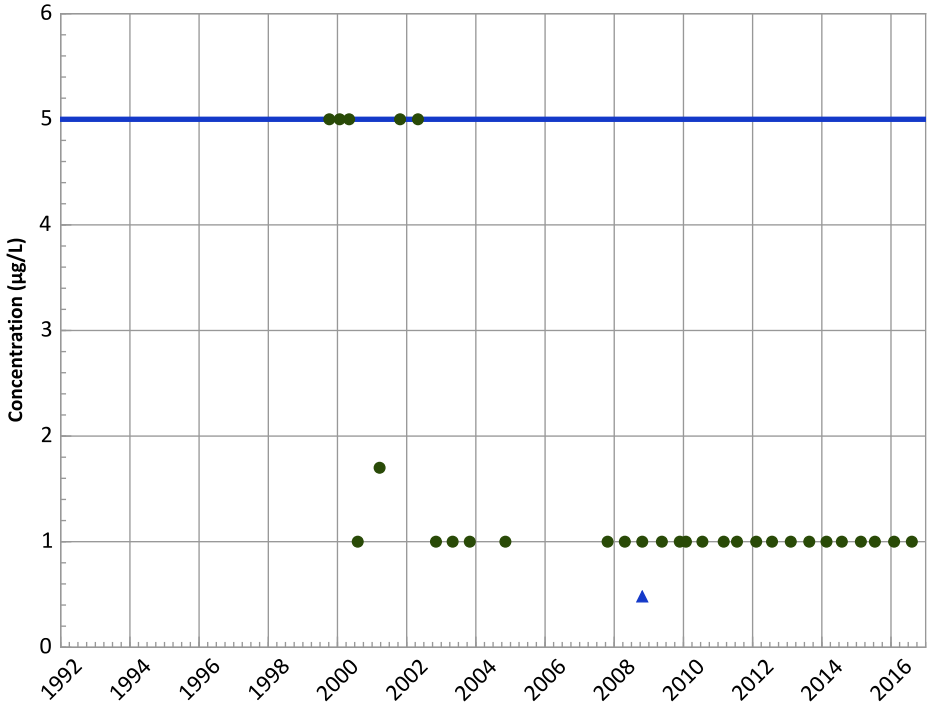
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

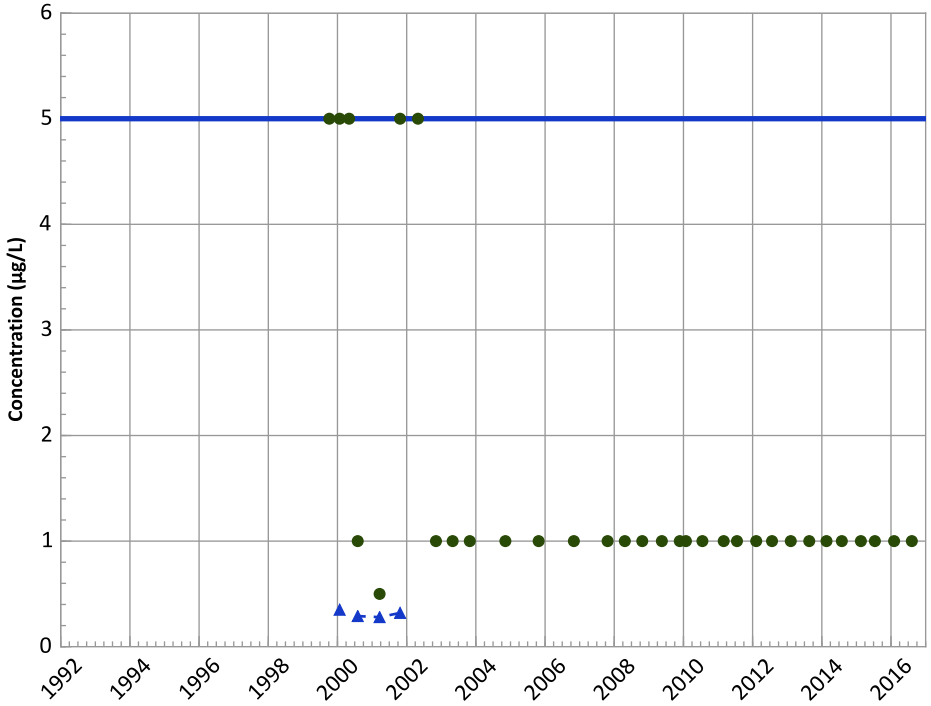


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

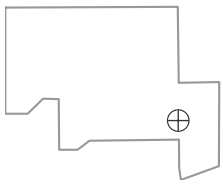
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

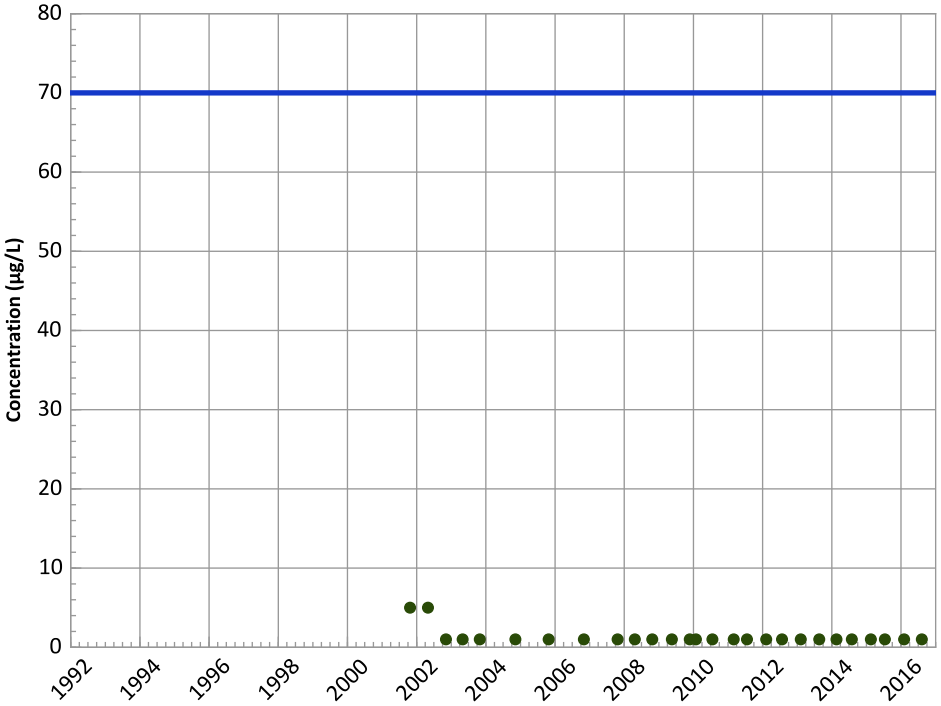
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

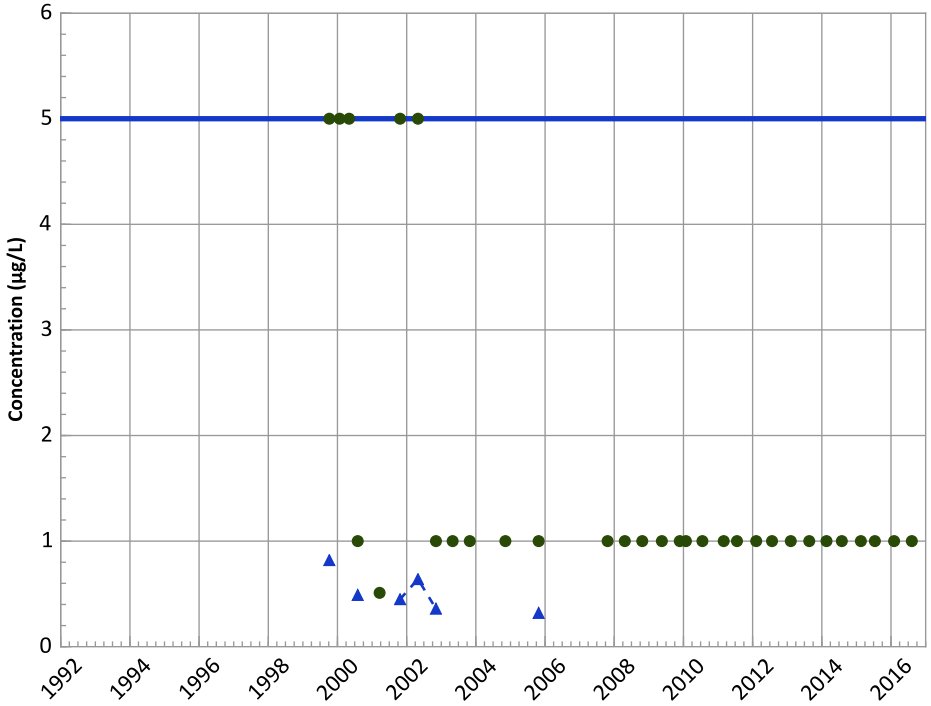


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

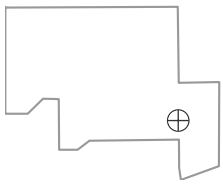
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

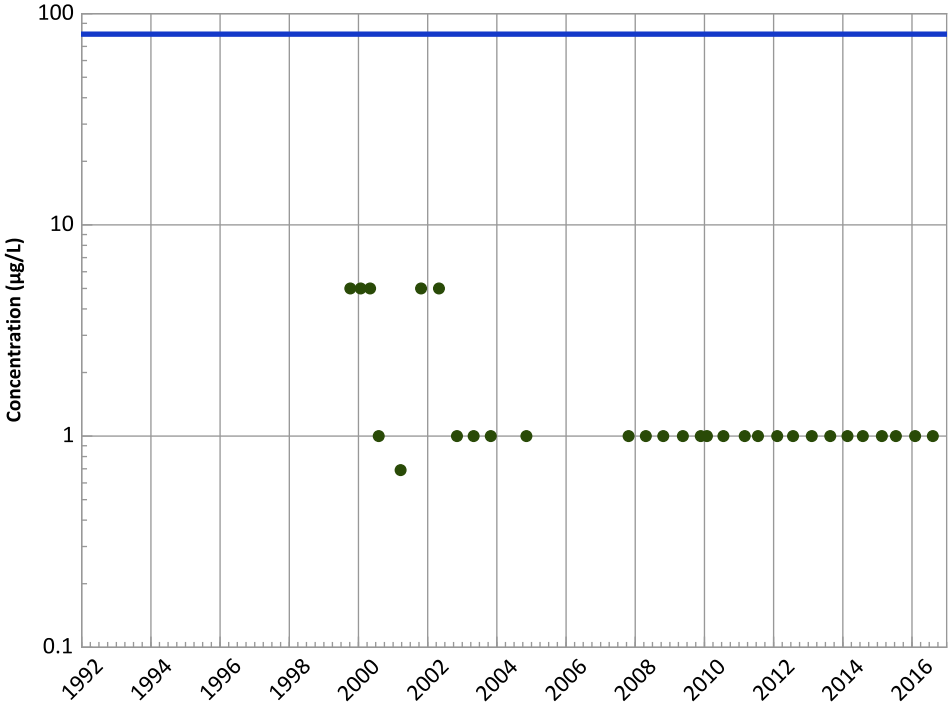
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

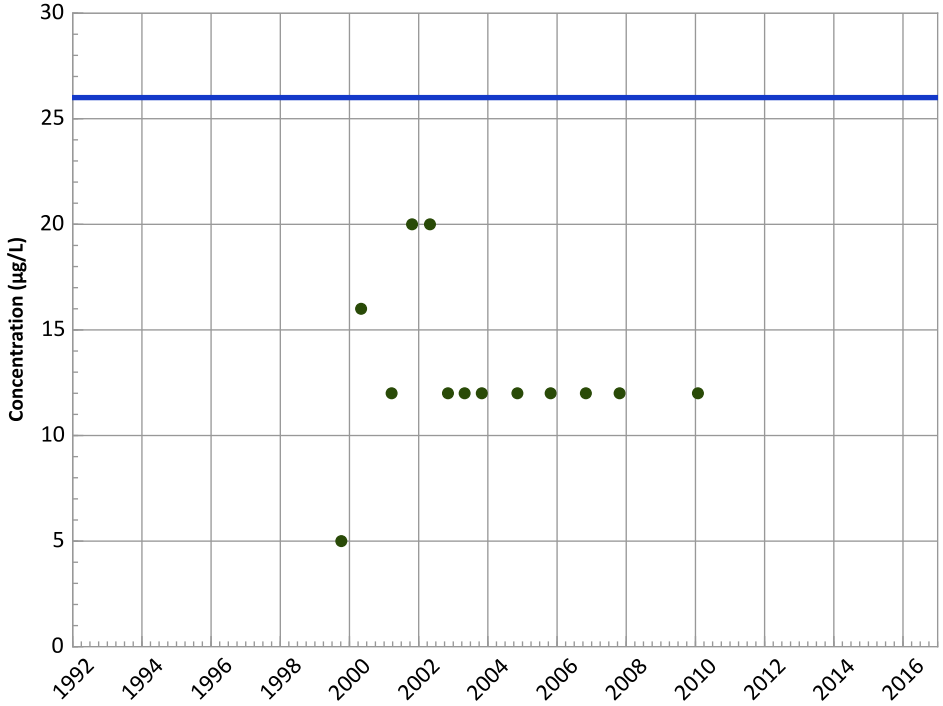


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

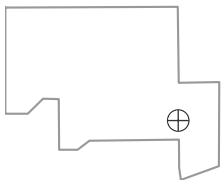
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

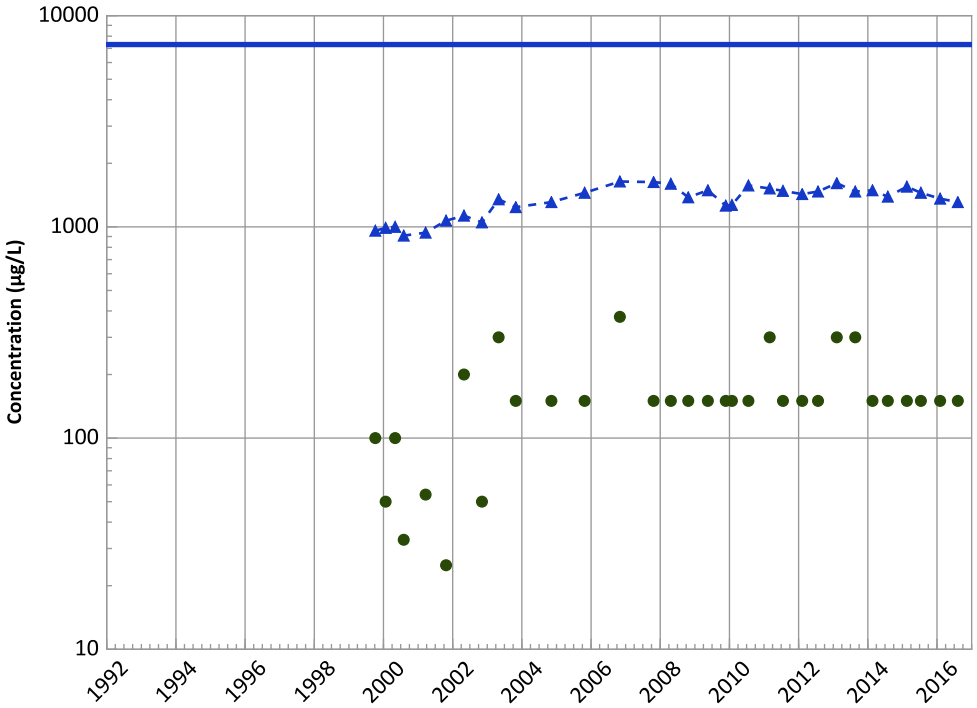
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

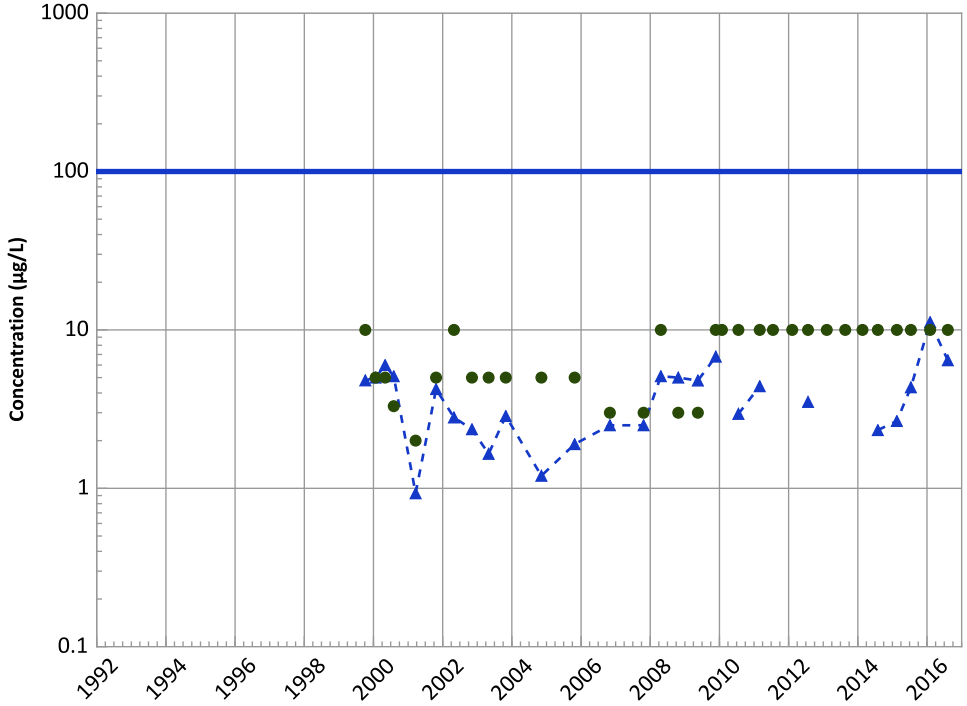


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Chromium, Total Trend



Concentration Trend

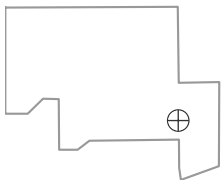
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

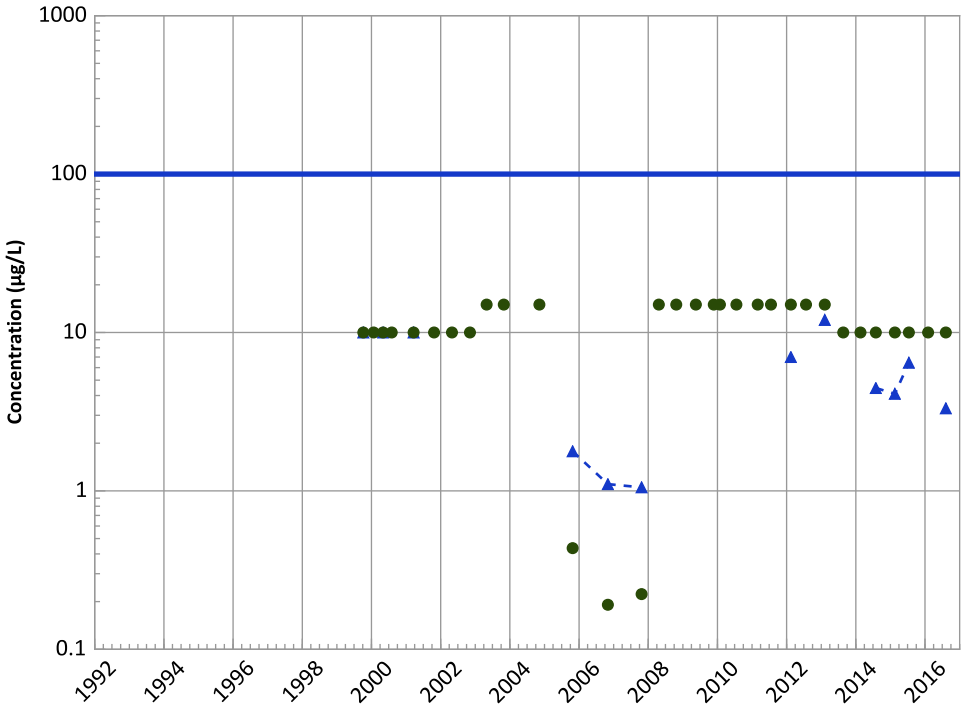
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

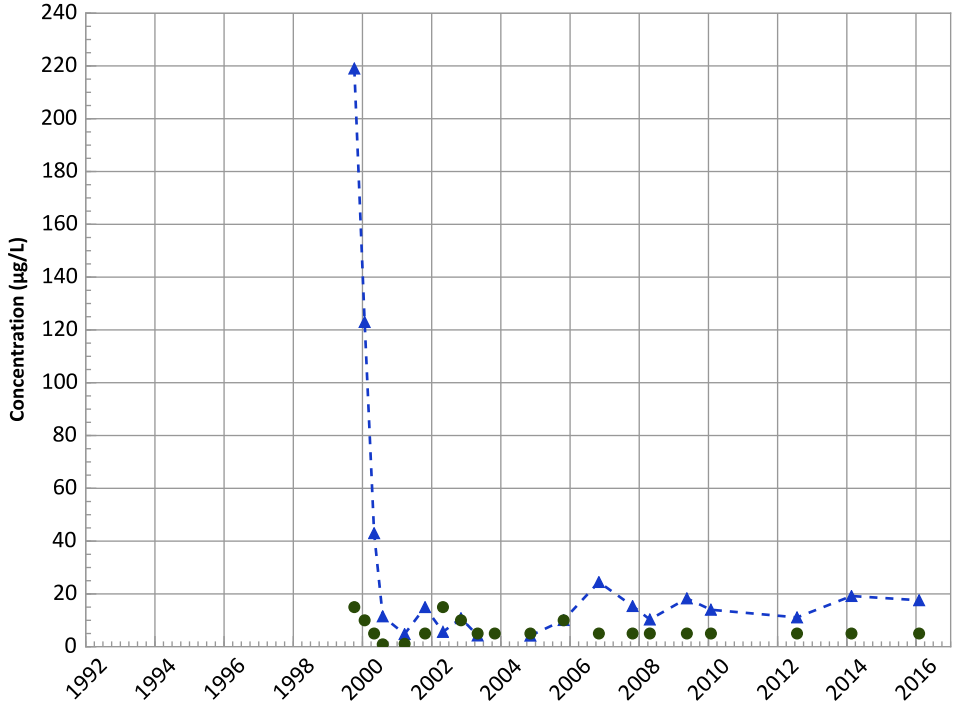


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Stable

Manganese Trend



Concentration Trend

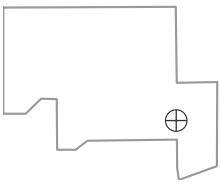
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

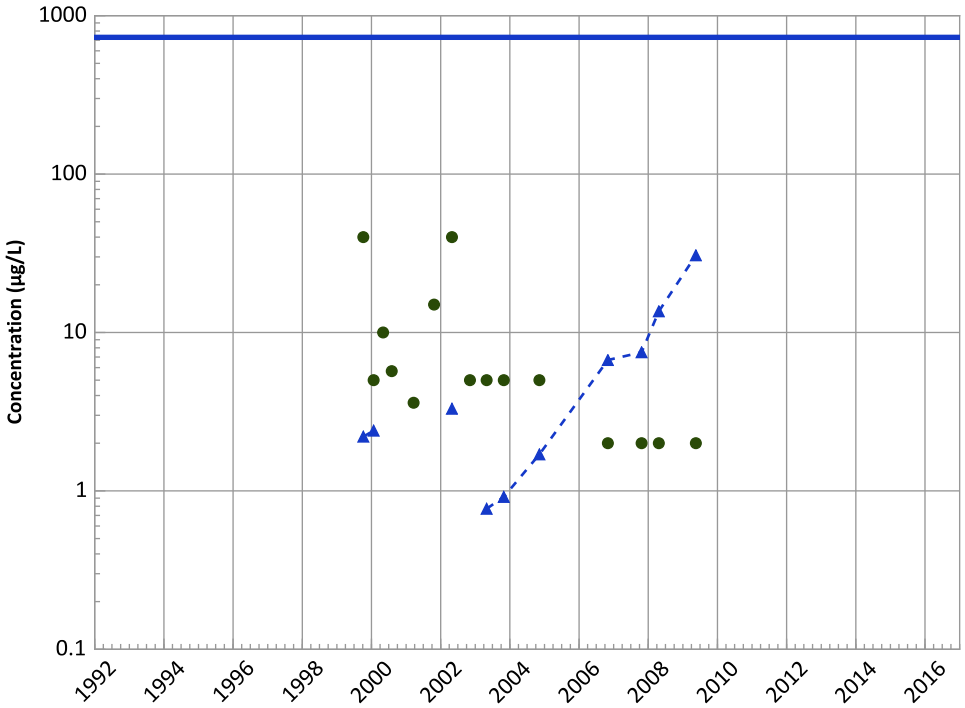
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

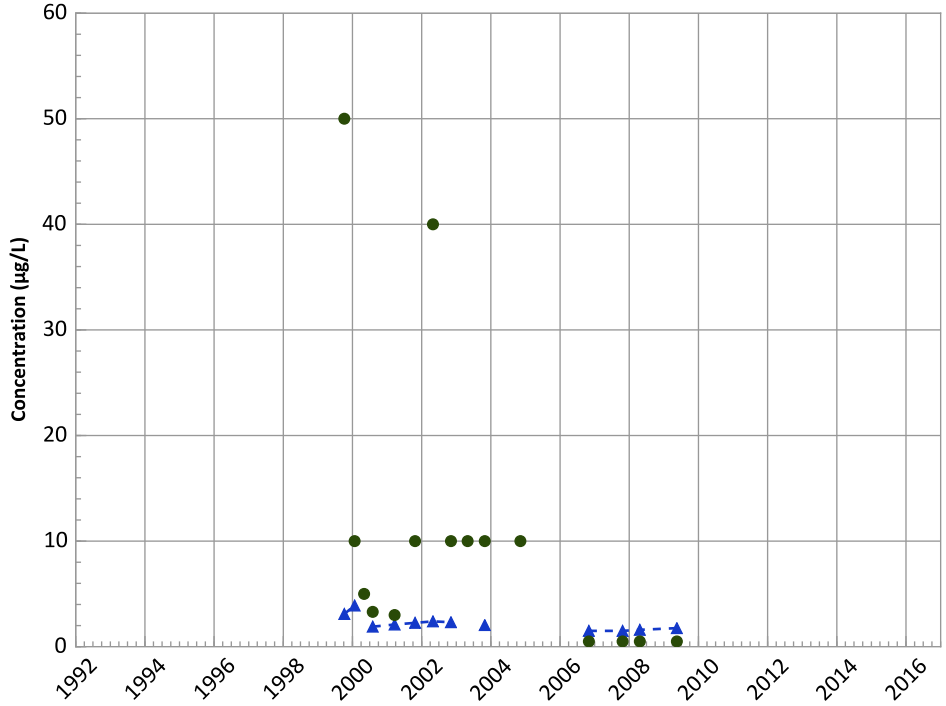


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Molybdenum Trend



Concentration Trend

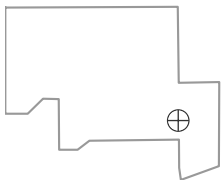
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

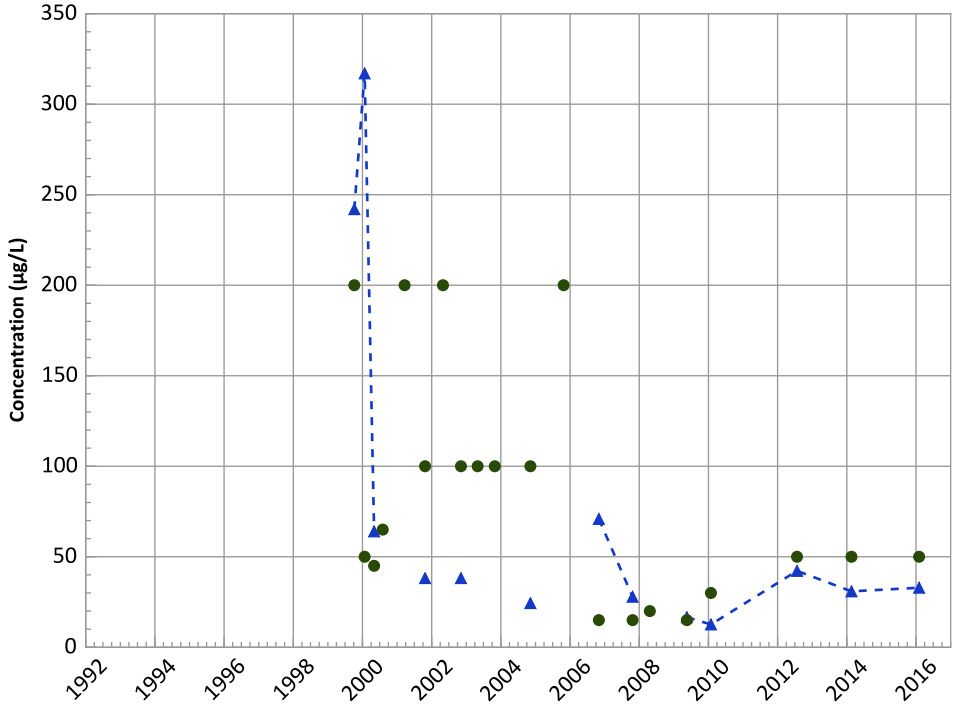
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

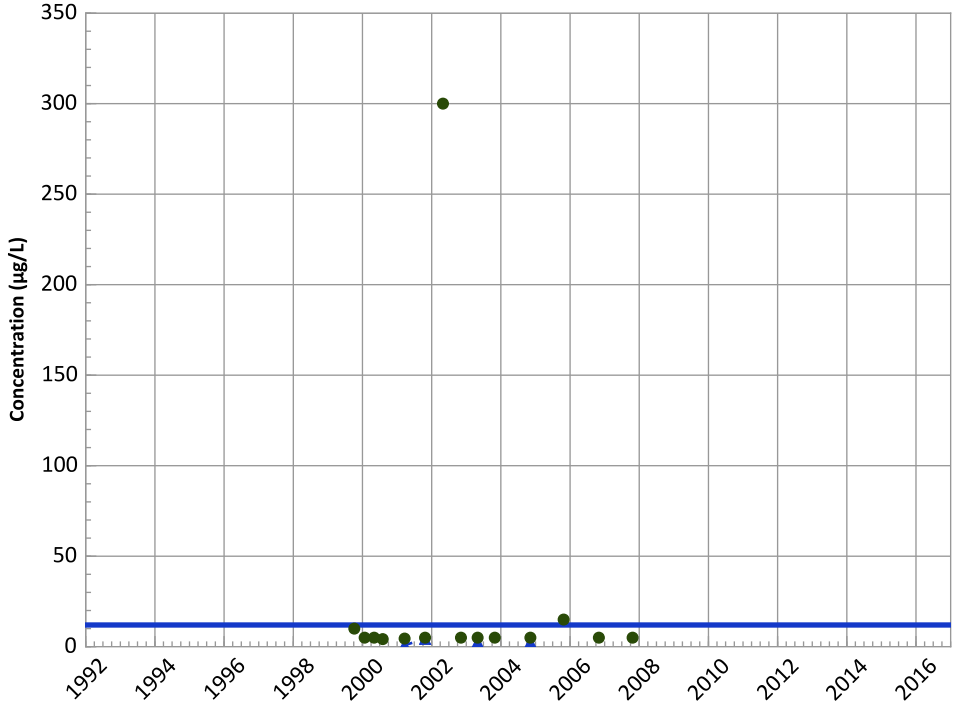


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Arsenic Trend



Concentration Trend

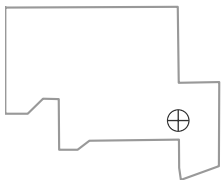
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

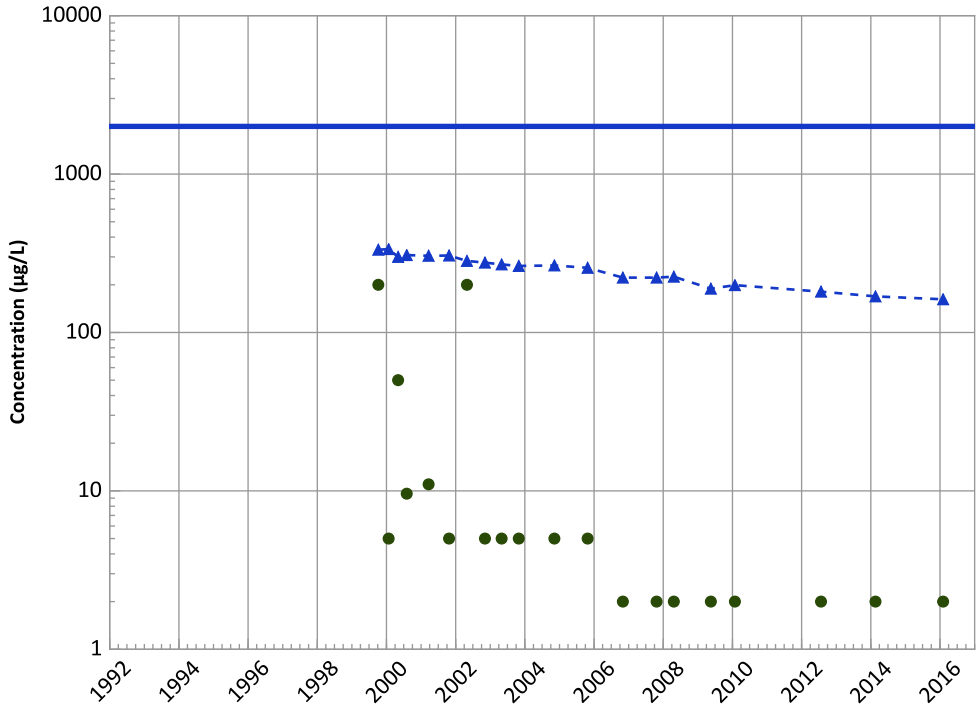
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

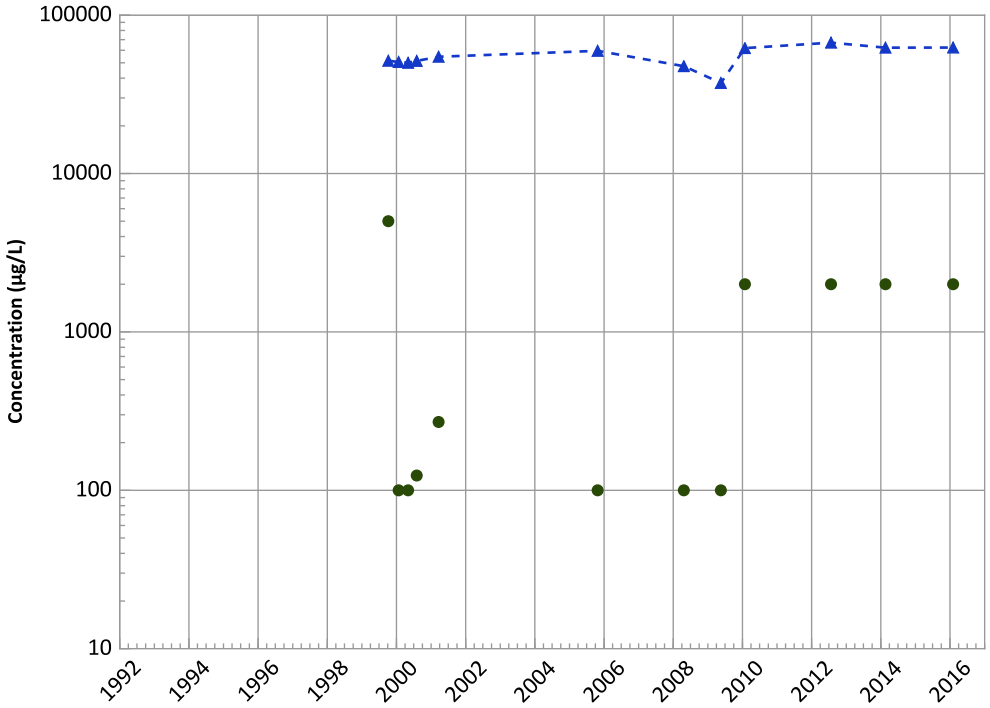


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Calcium Trend



Concentration Trend

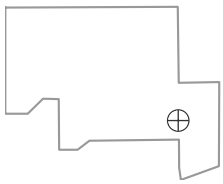
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

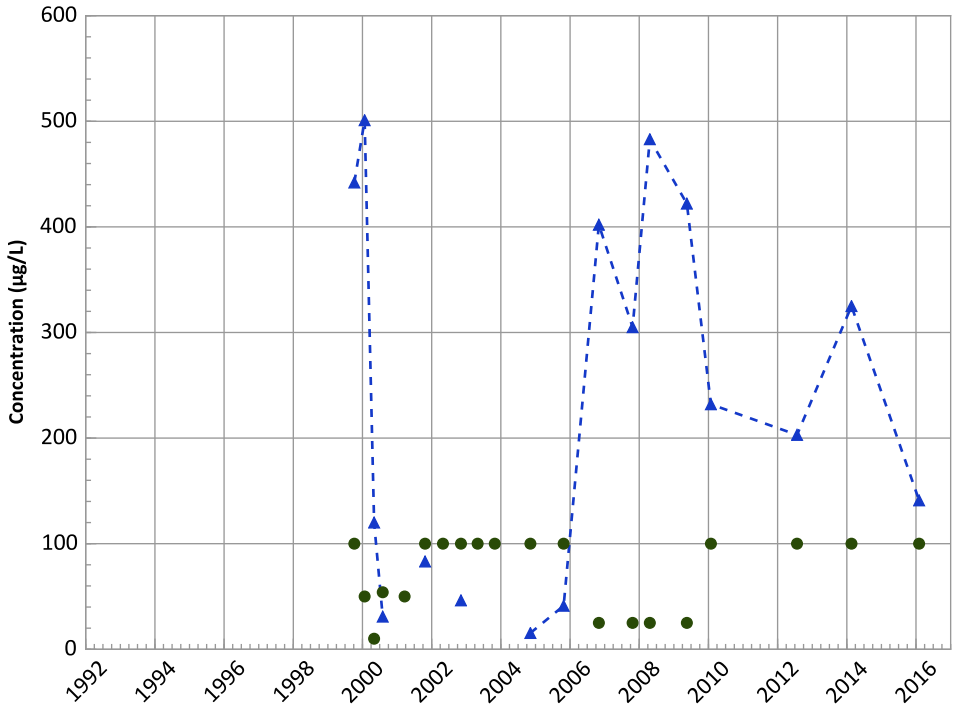
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

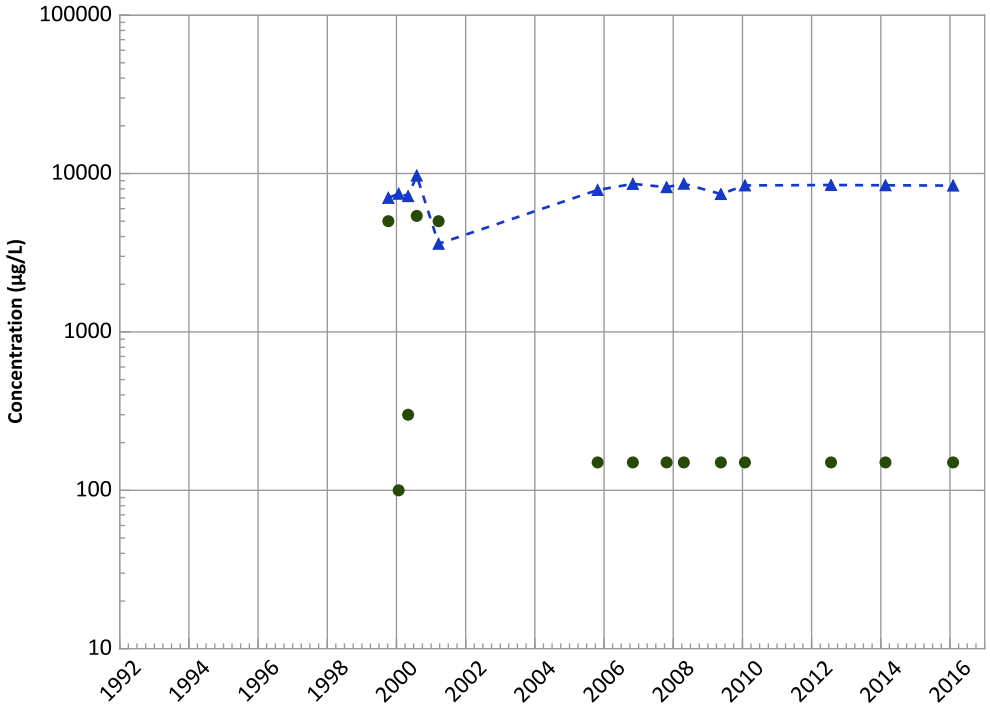


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

Potassium Trend



Concentration Trend

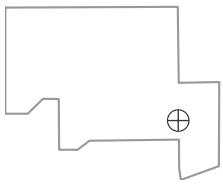
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

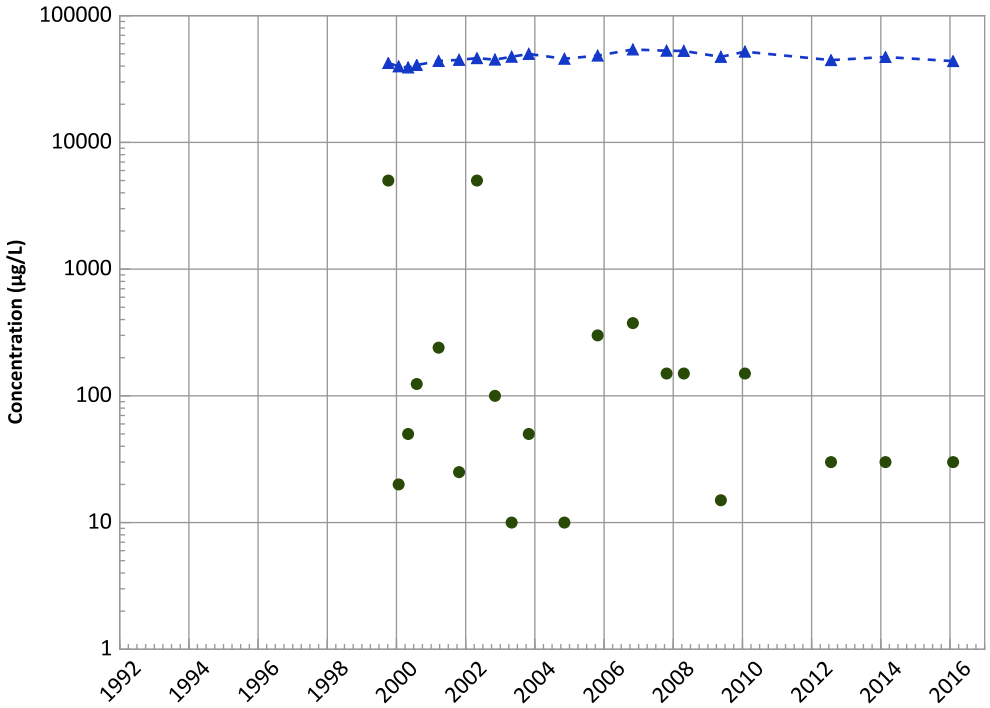
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

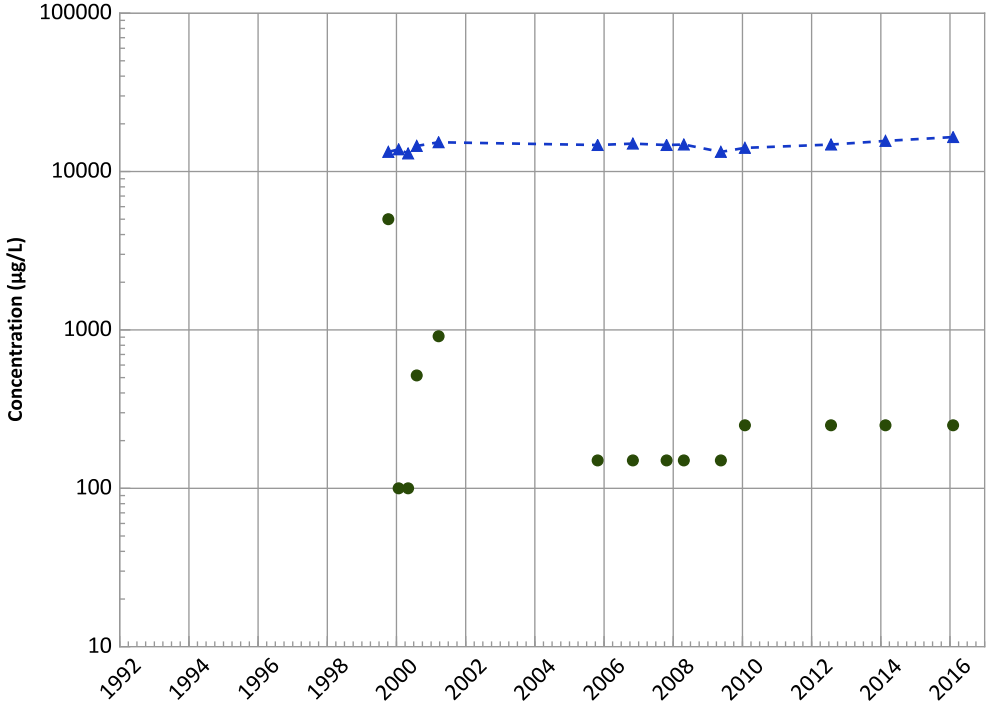


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Increasing

Sodium Trend



Concentration Trend

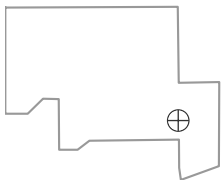
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

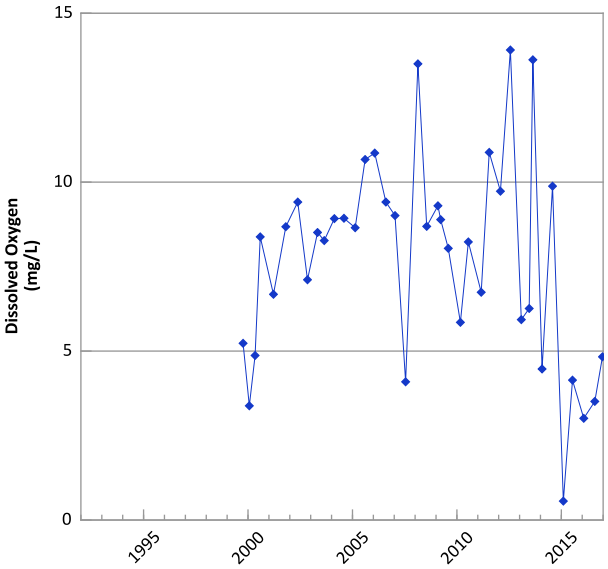
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

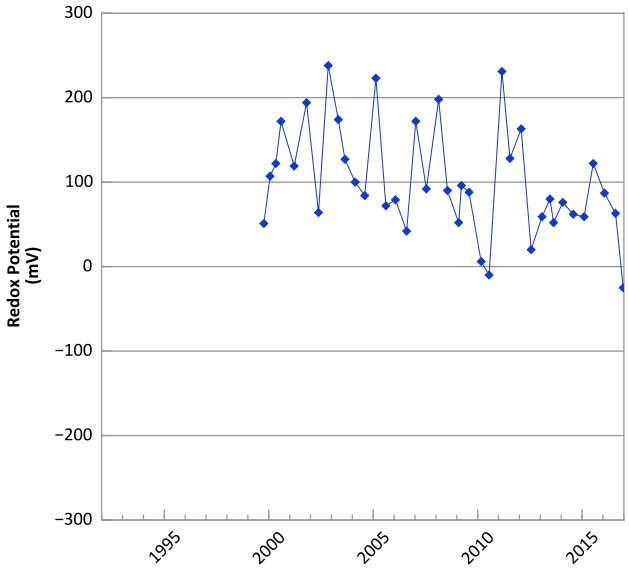
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

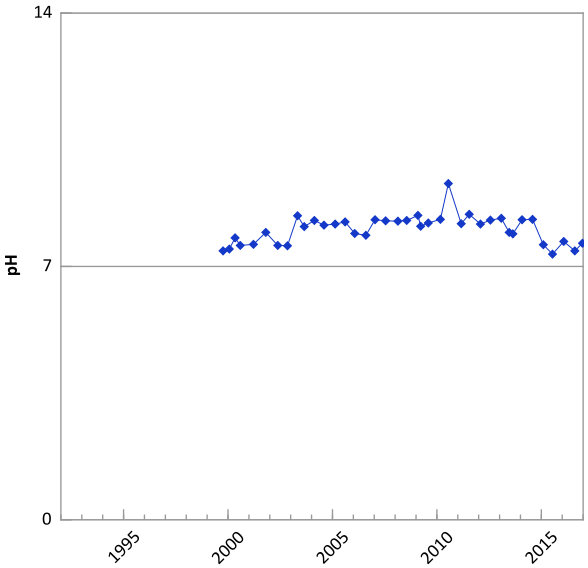
Well Location

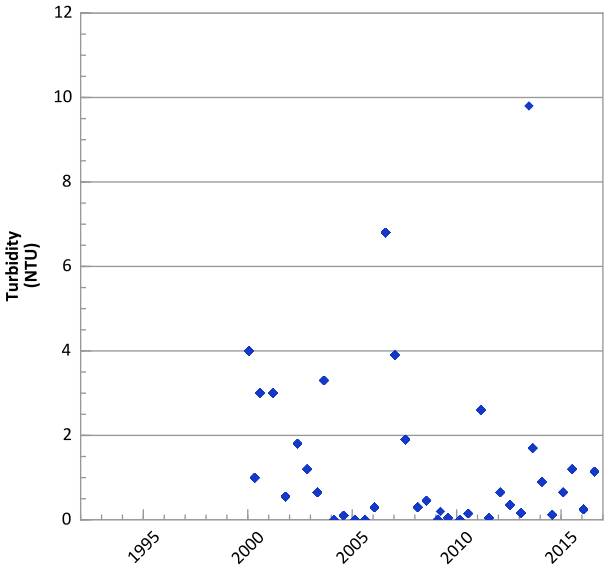


PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



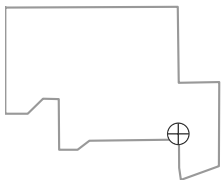






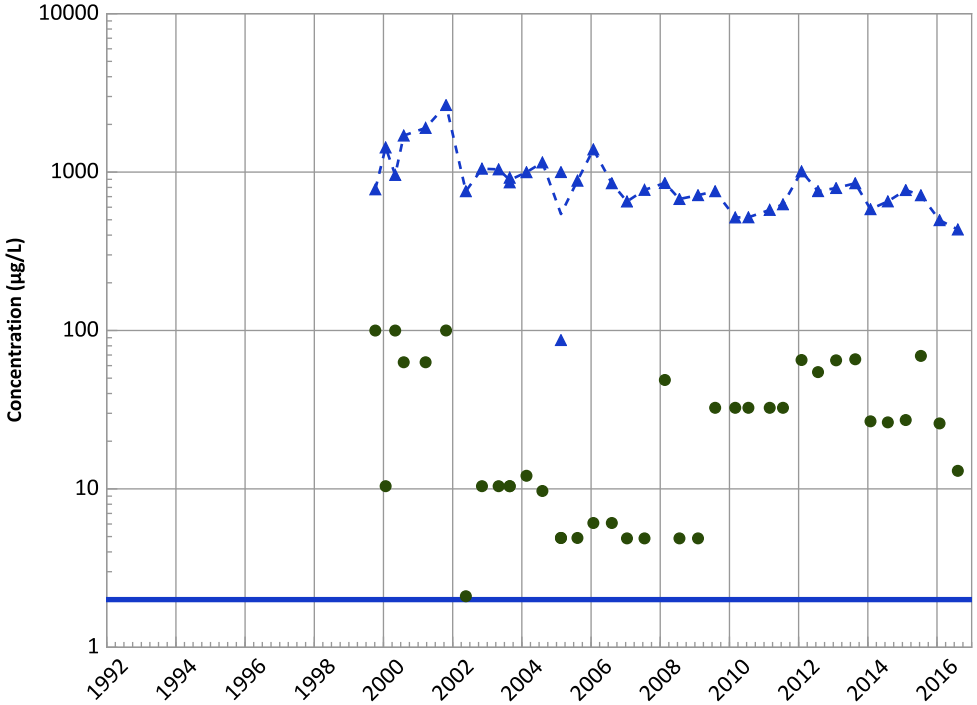
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

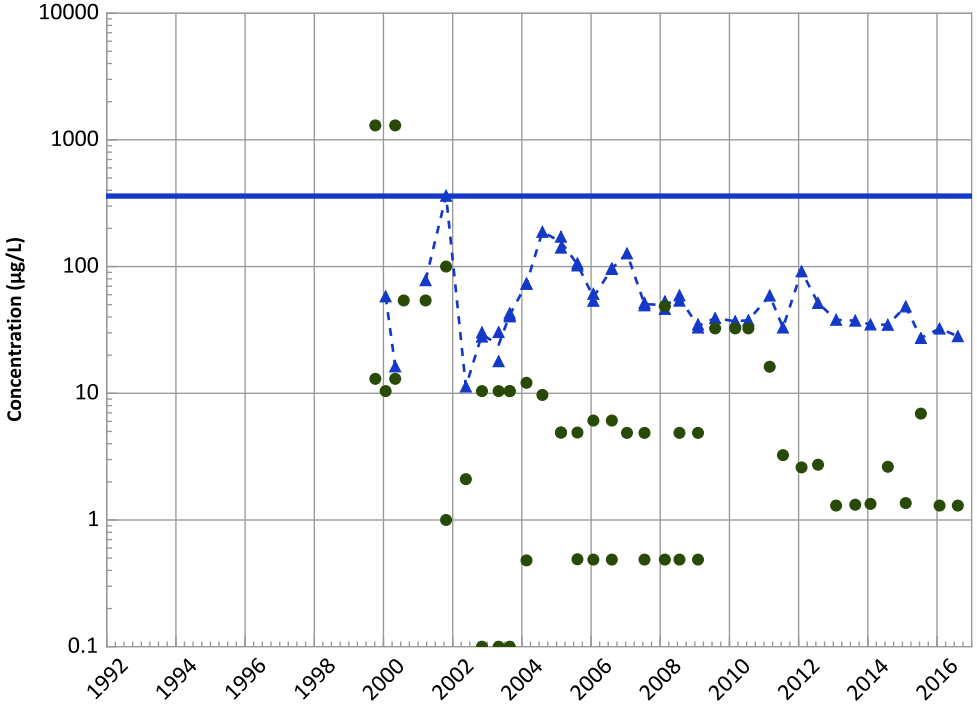


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

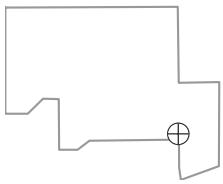
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

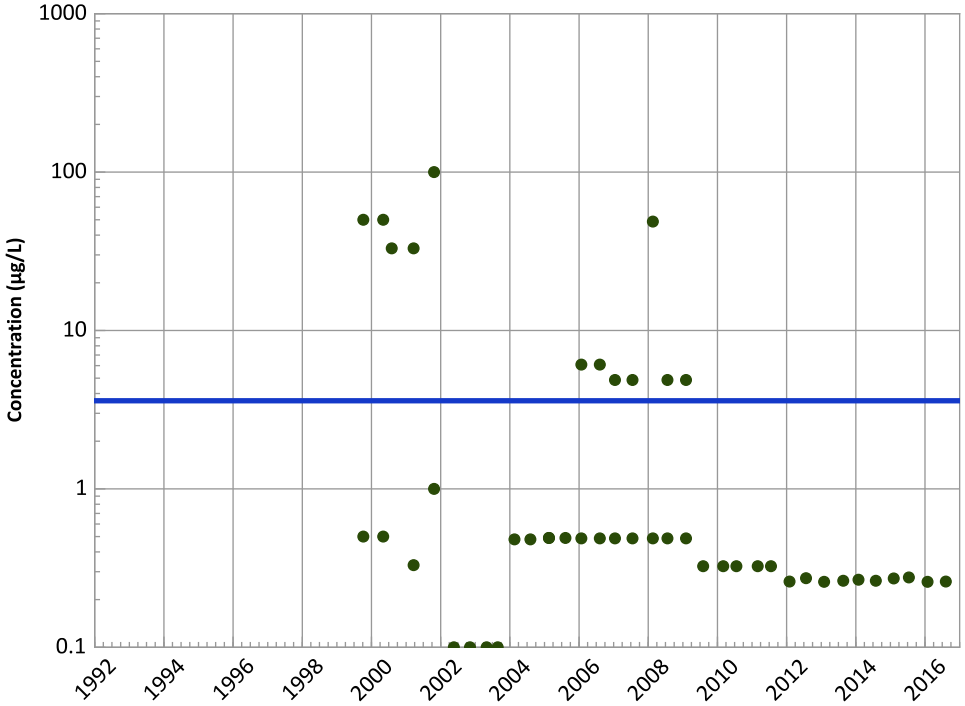
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

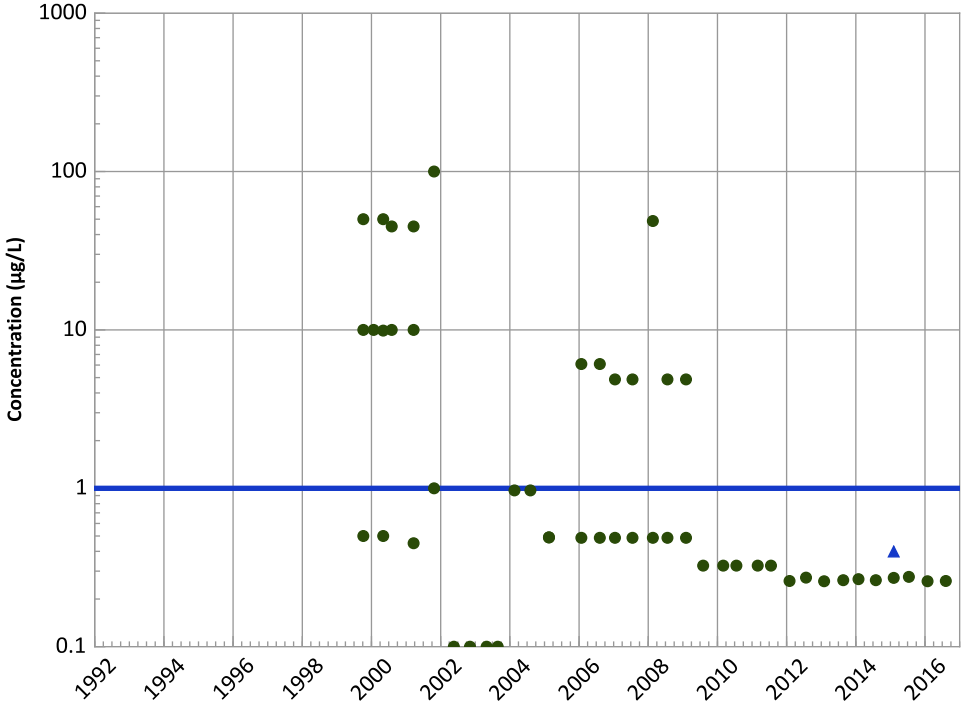


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

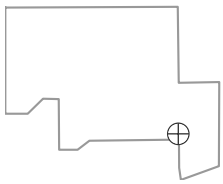
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

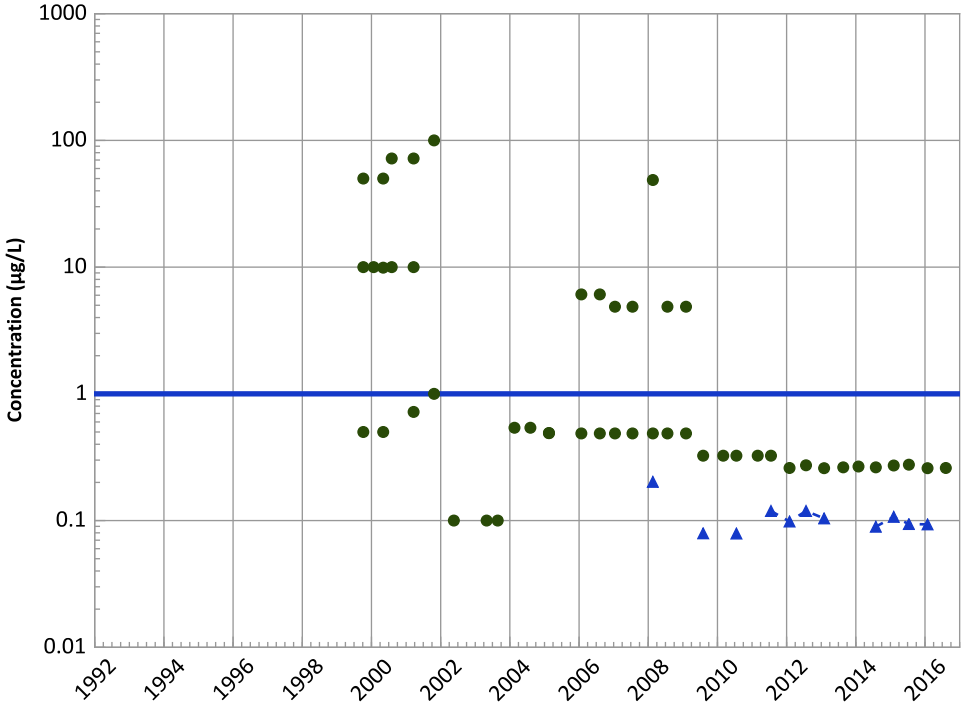
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

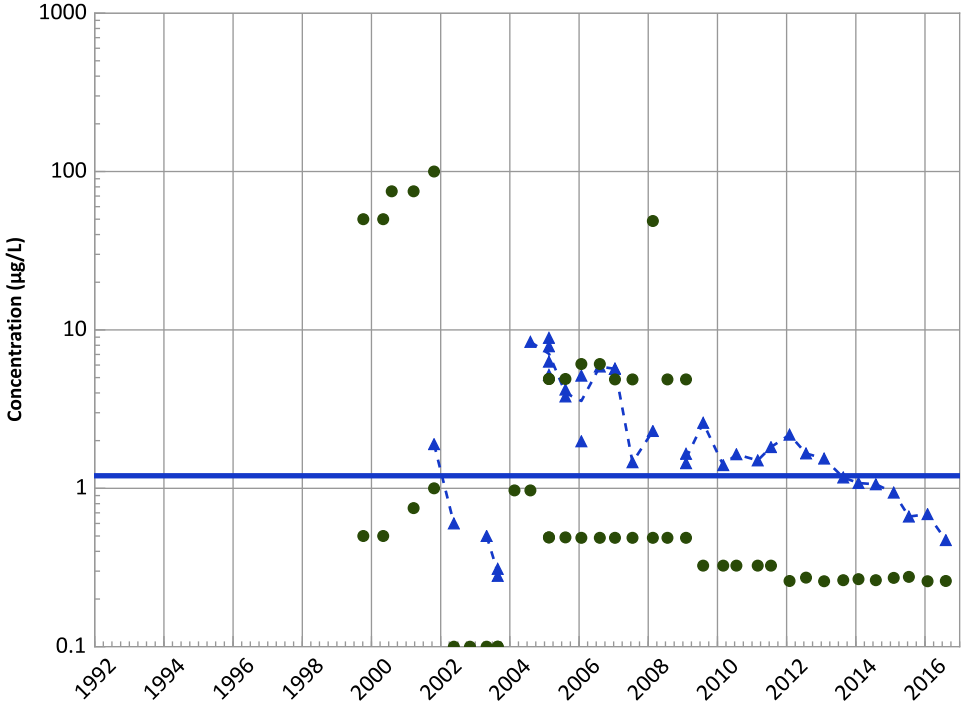


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Stable

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

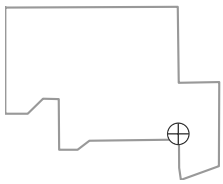
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

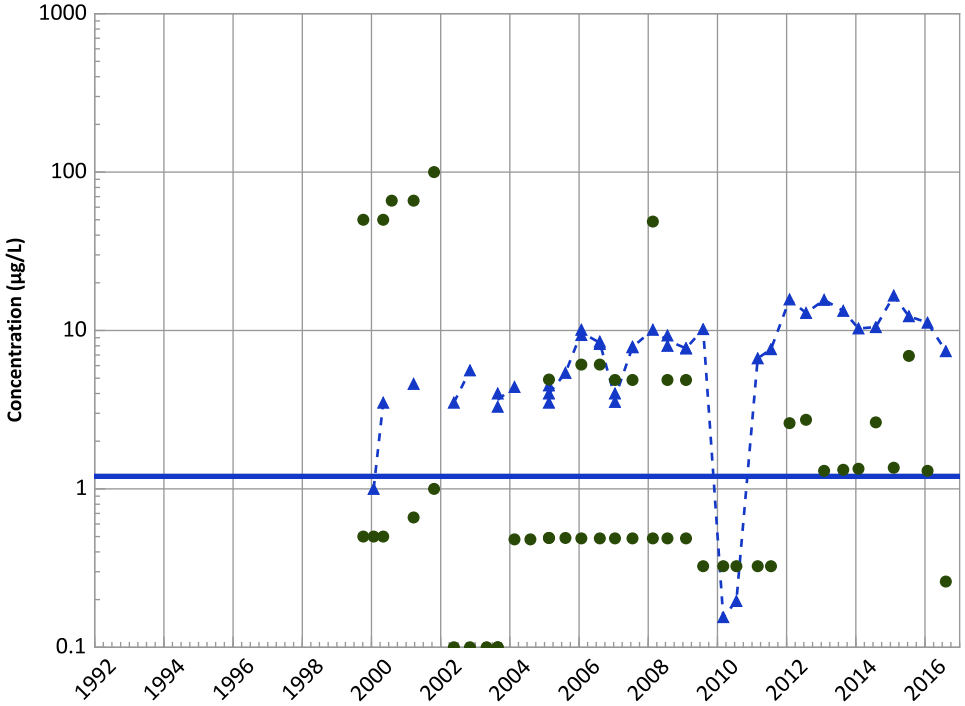
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

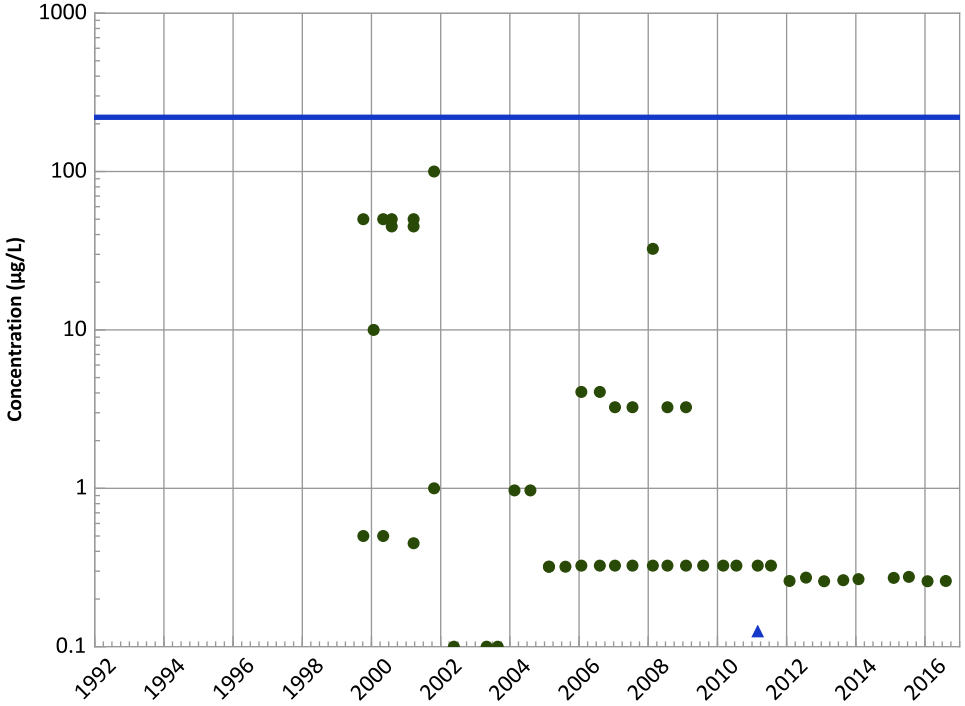


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

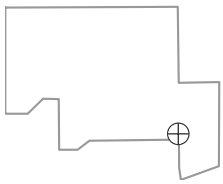
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

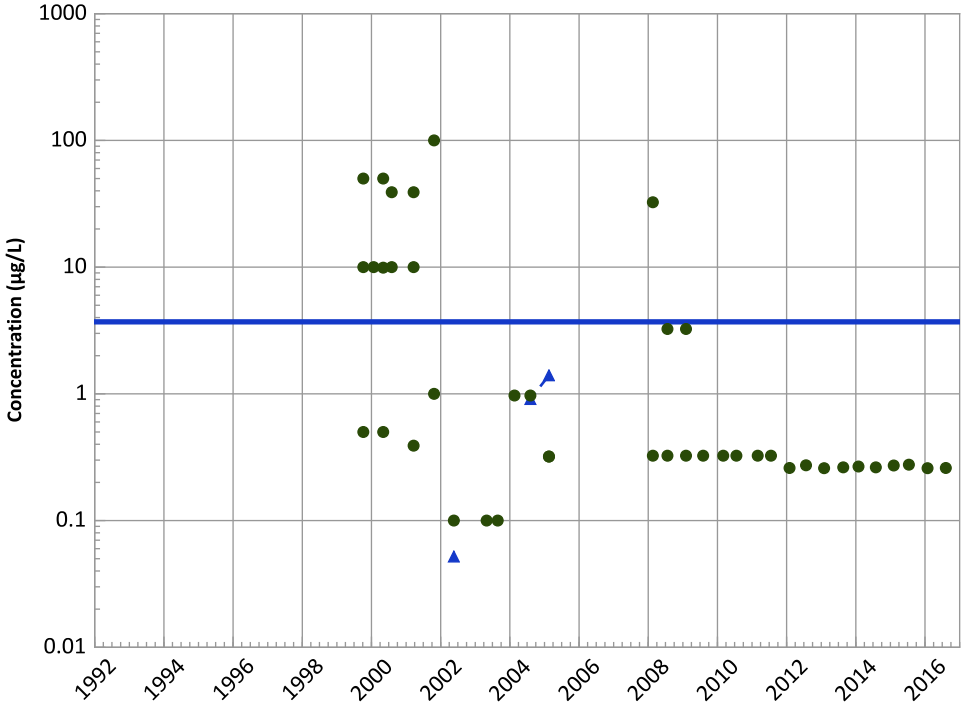
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

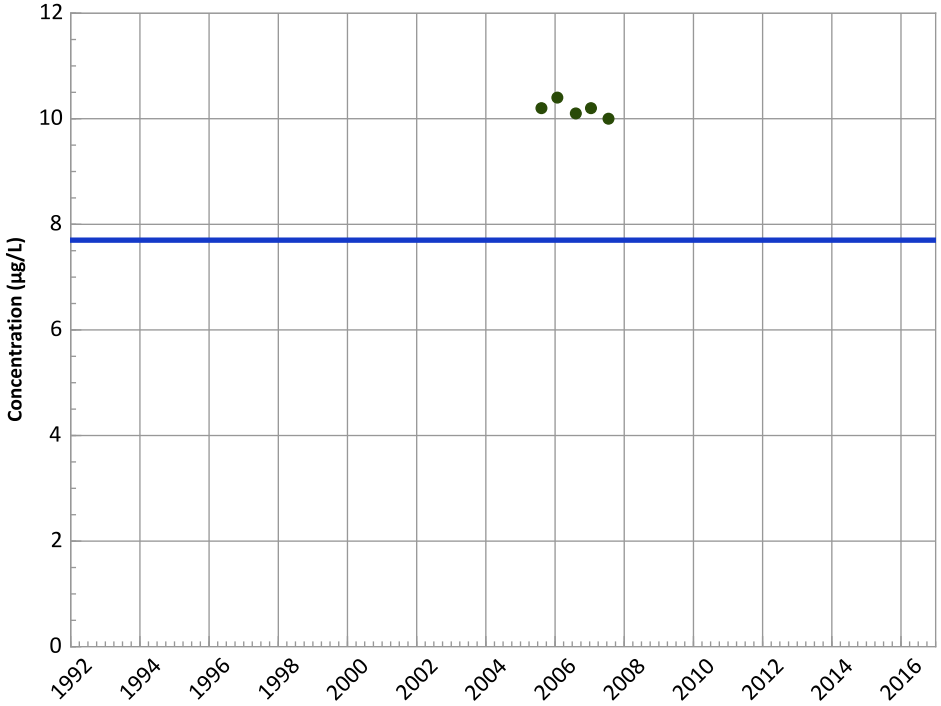


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

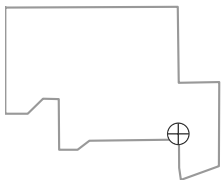
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

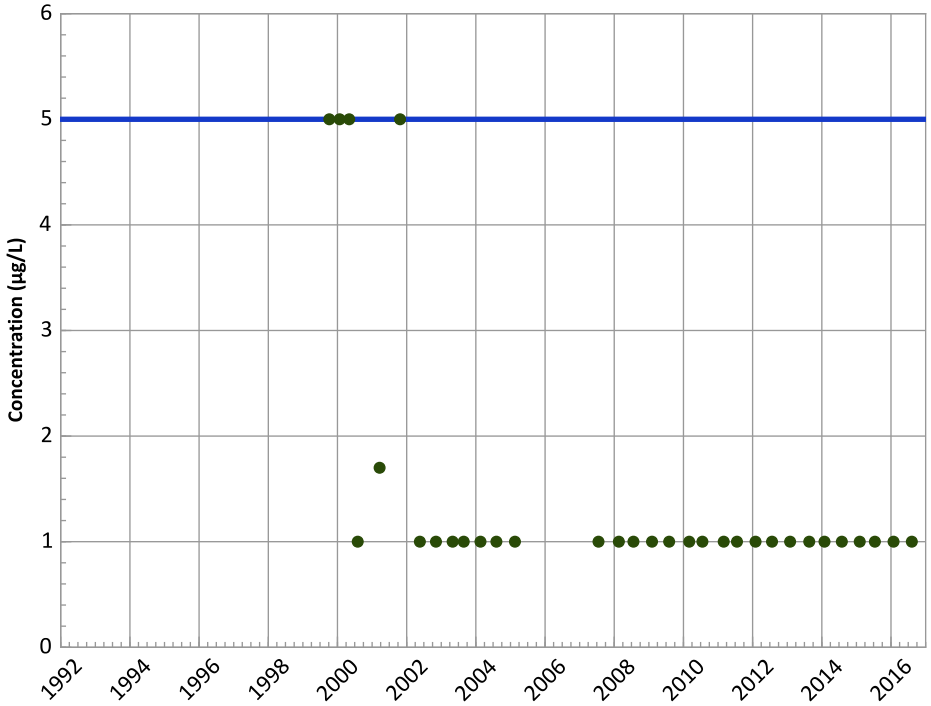
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

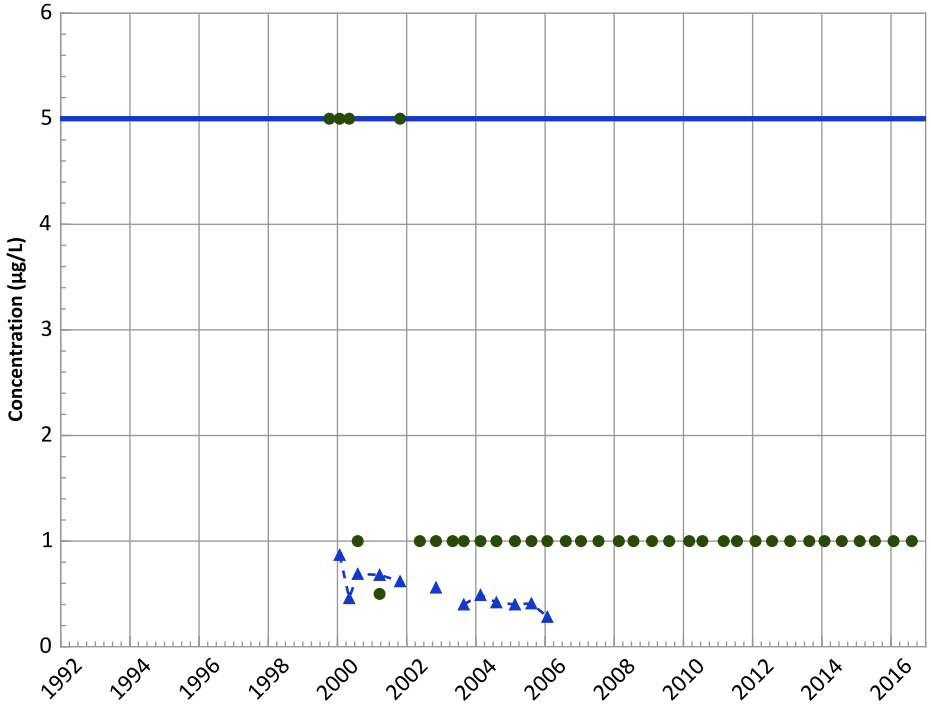


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

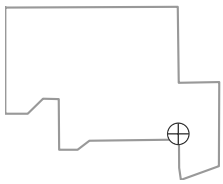
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

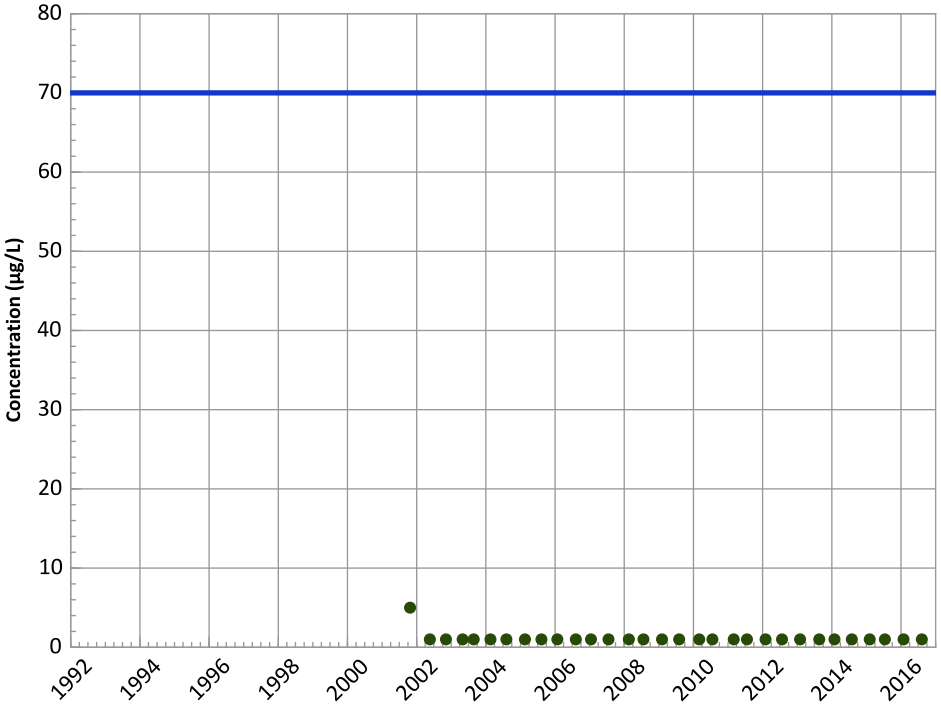
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

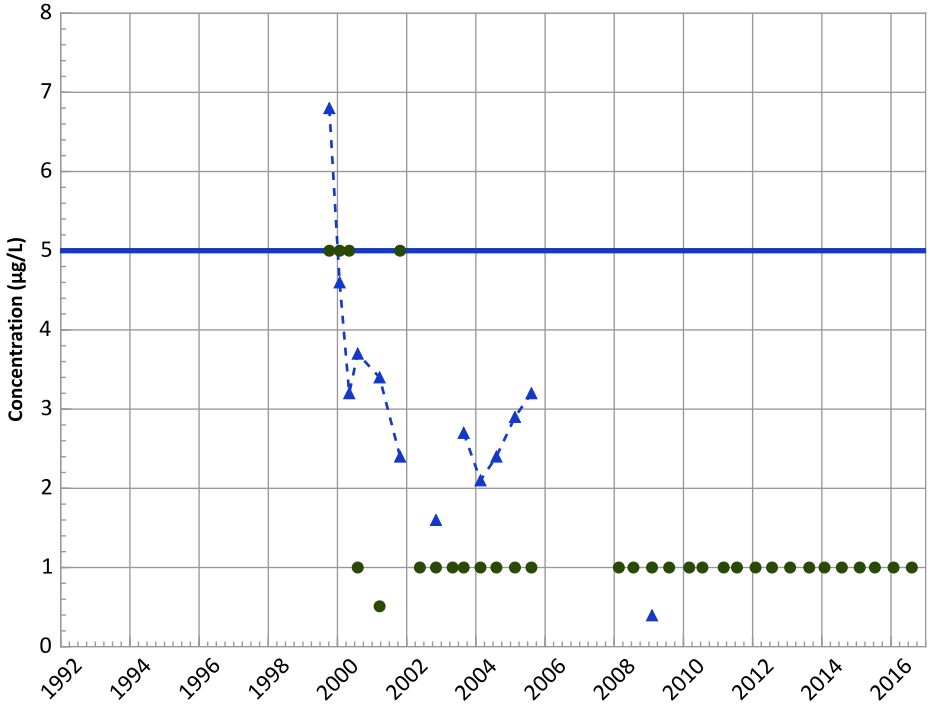


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

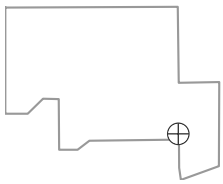
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

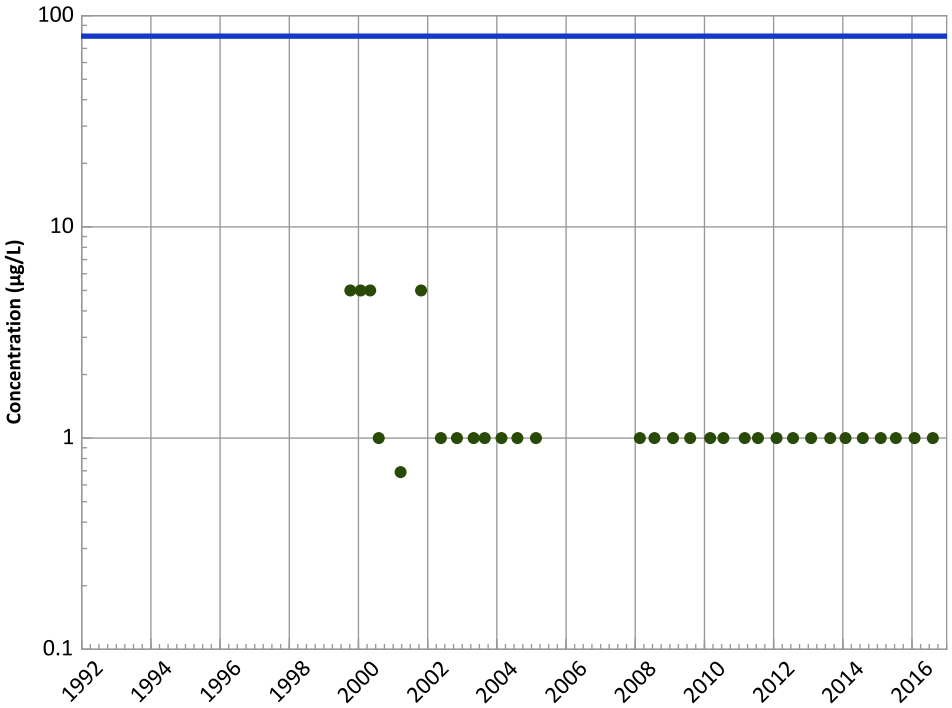
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

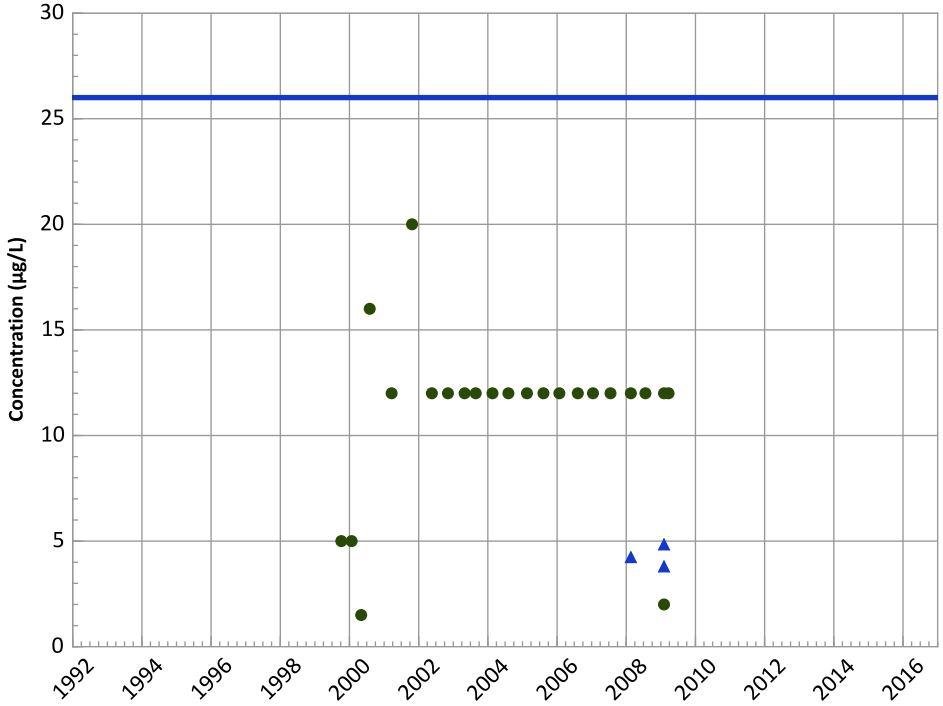


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

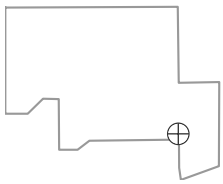
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

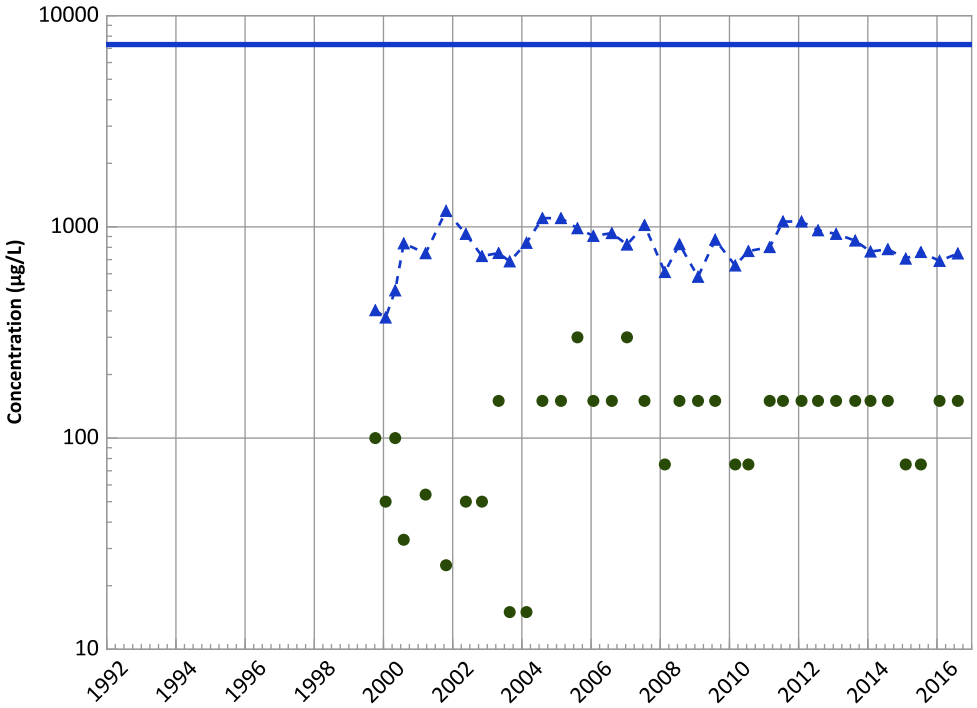
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

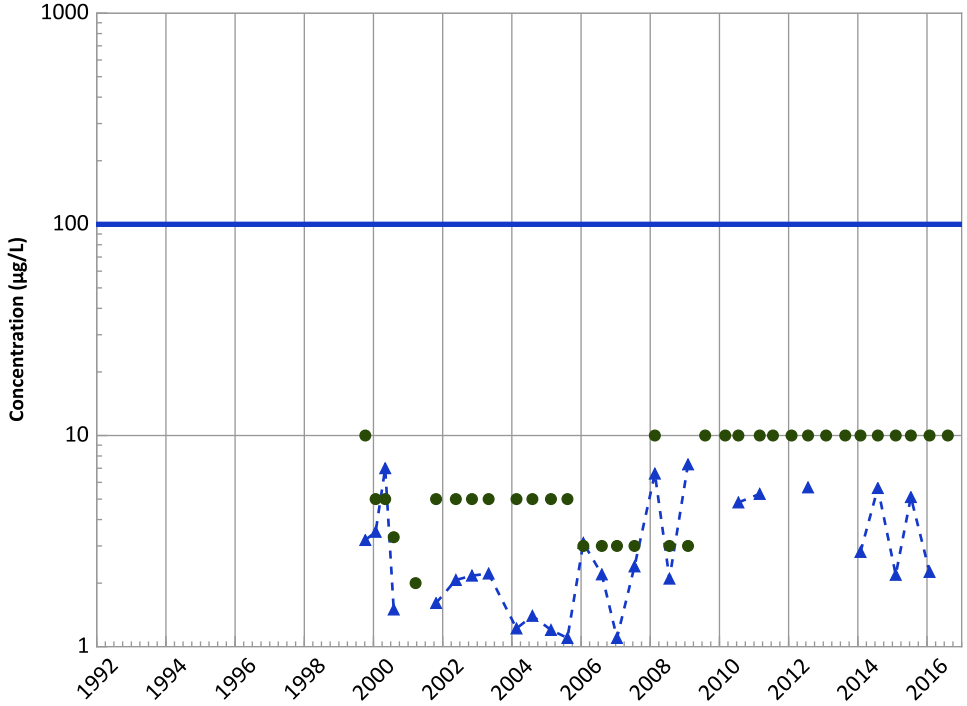


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Increasing

Chromium, Total Trend



Concentration Trend

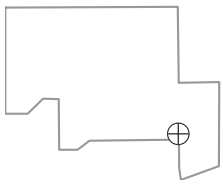
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

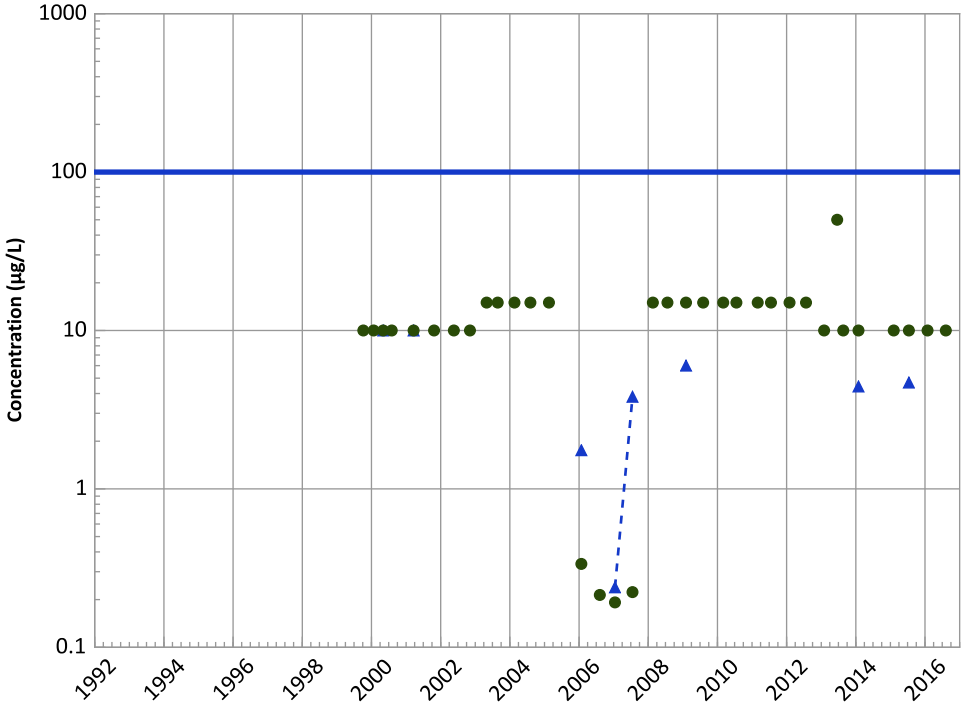
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

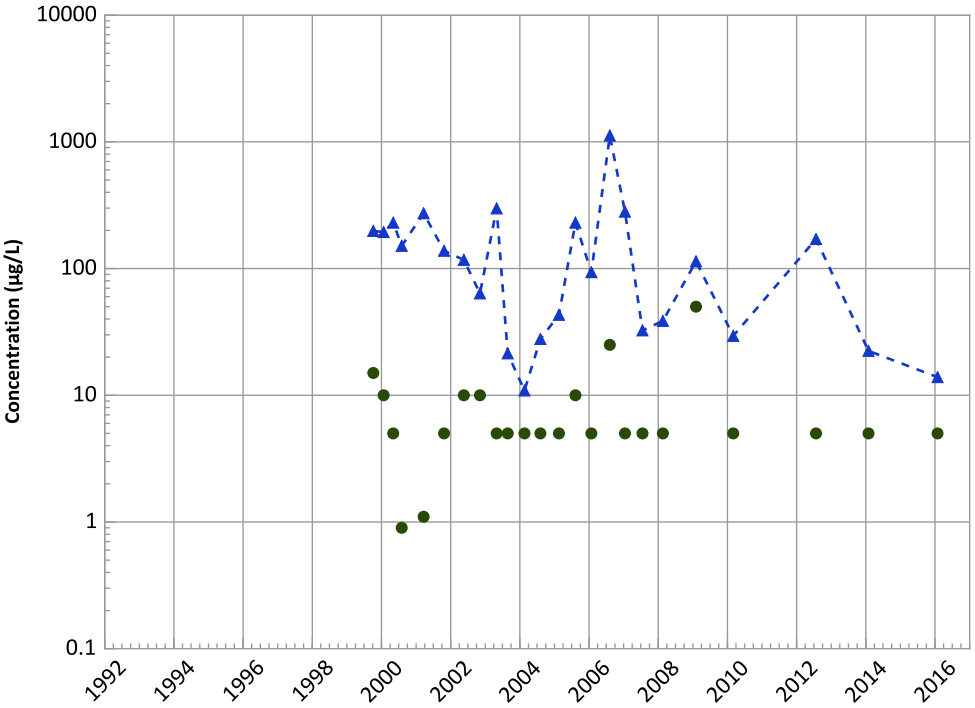


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Manganese Trend



Concentration Trend

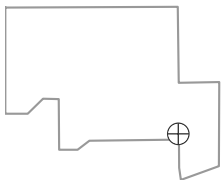
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

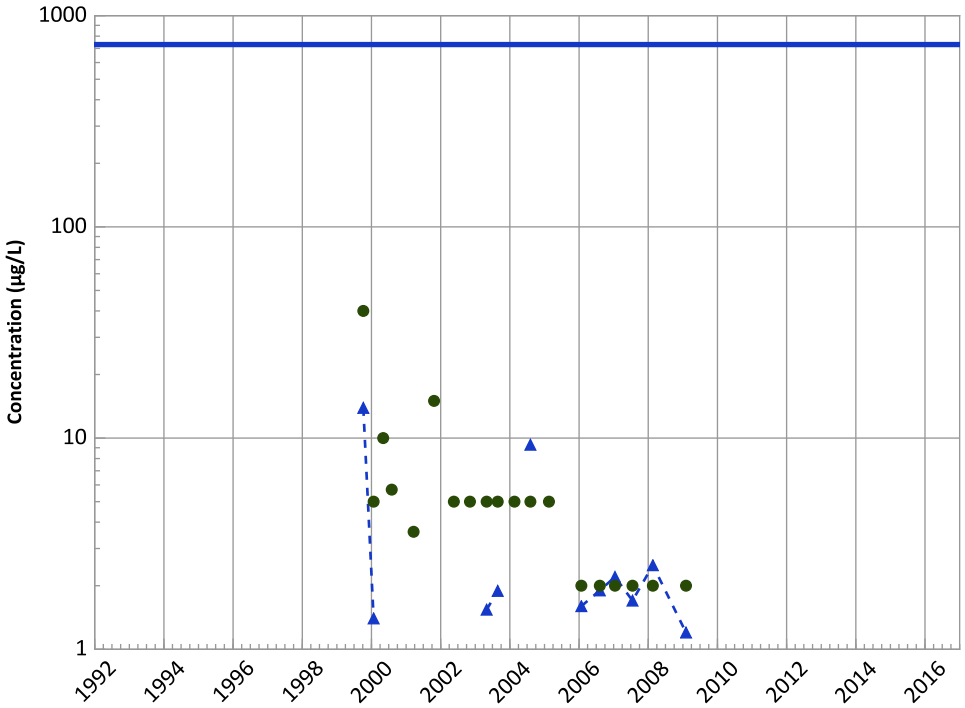
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

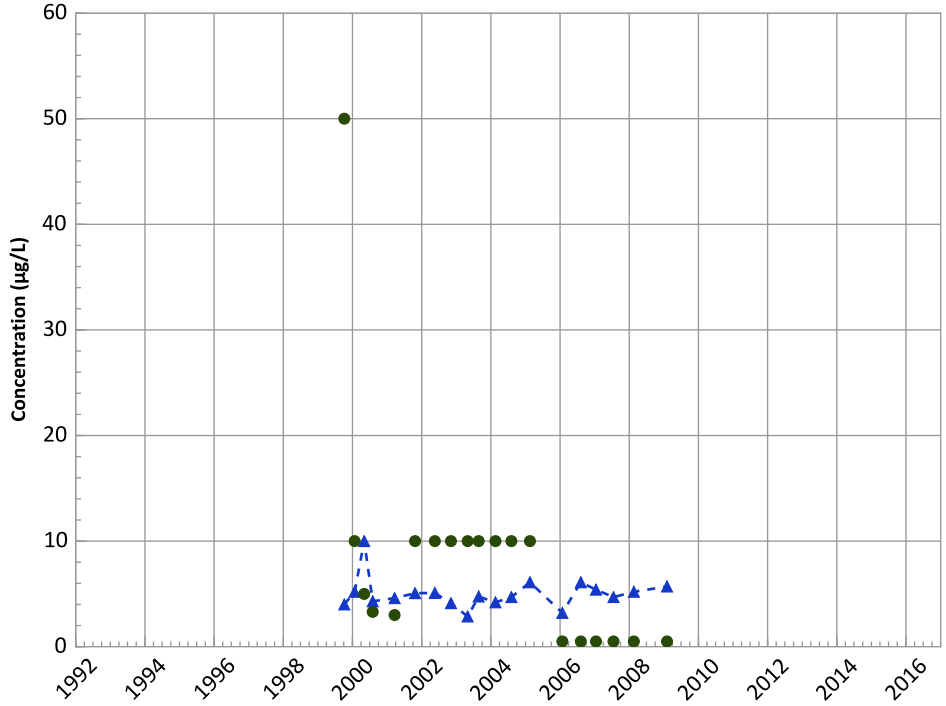


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Decreasing

Molybdenum Trend



Concentration Trend

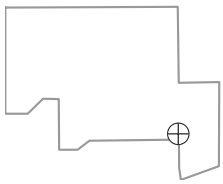
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

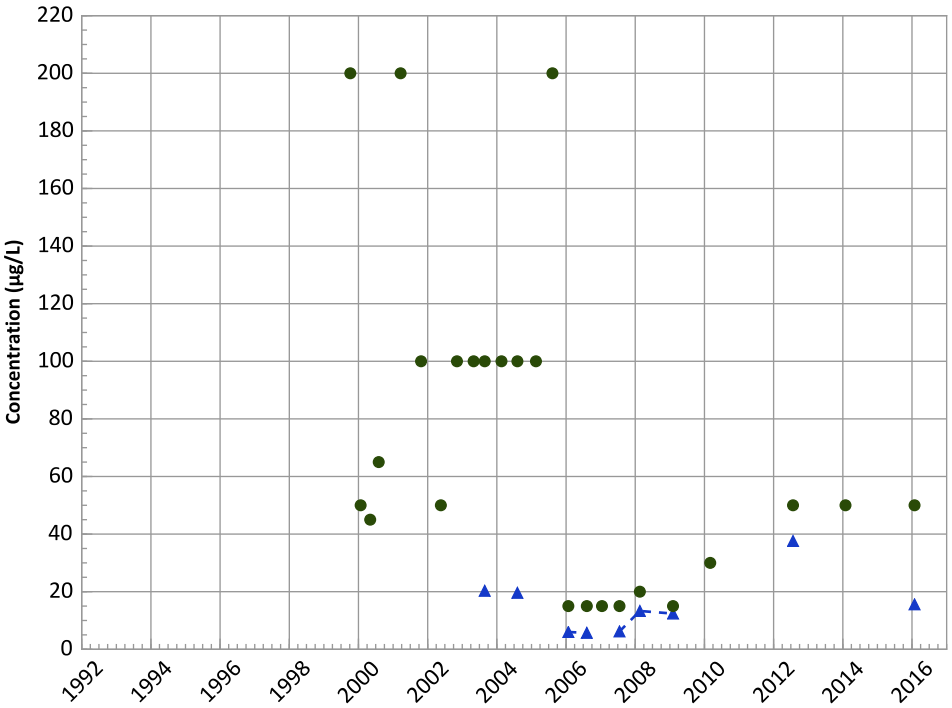
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

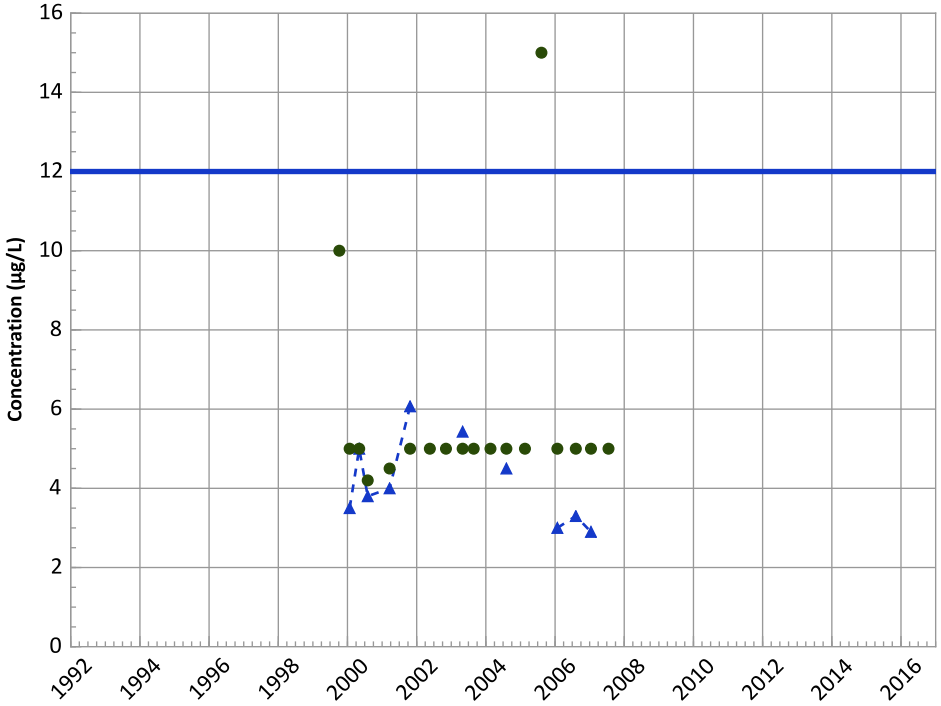


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Arsenic Trend



Concentration Trend

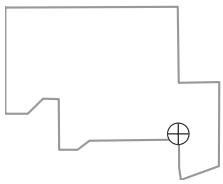
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

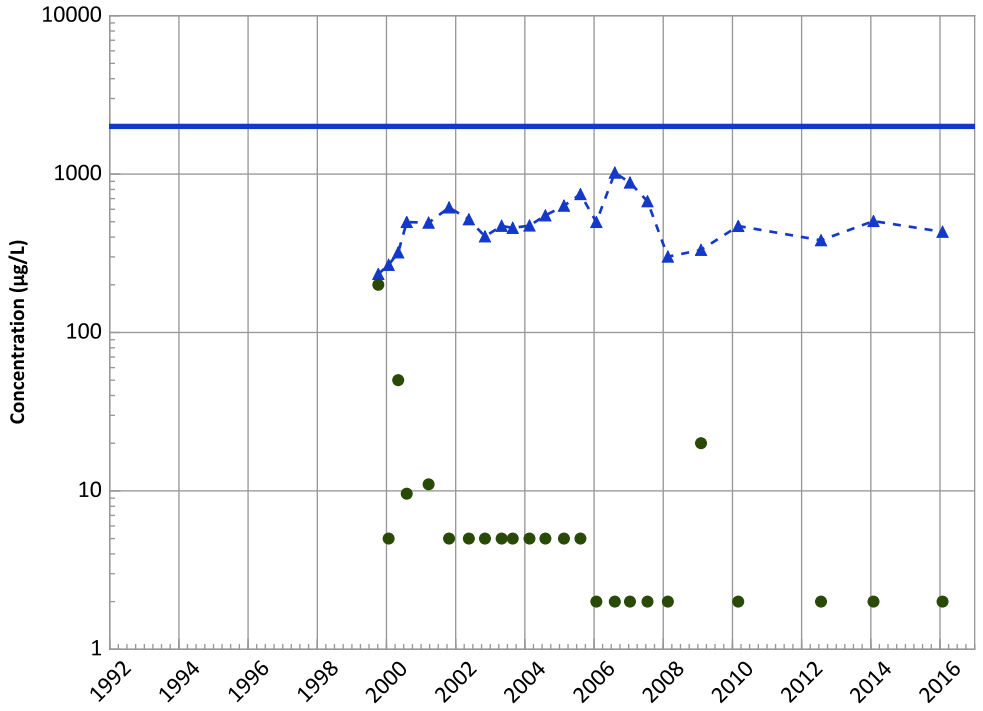
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

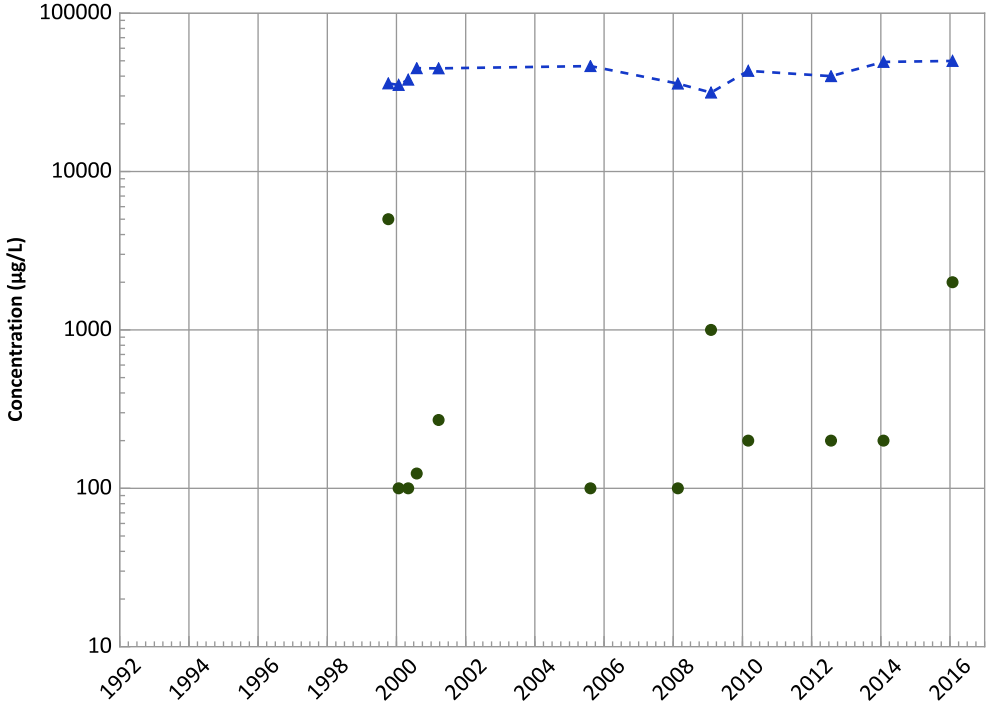


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

Calcium Trend



Concentration Trend

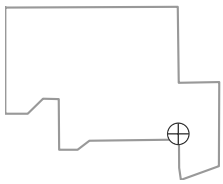
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

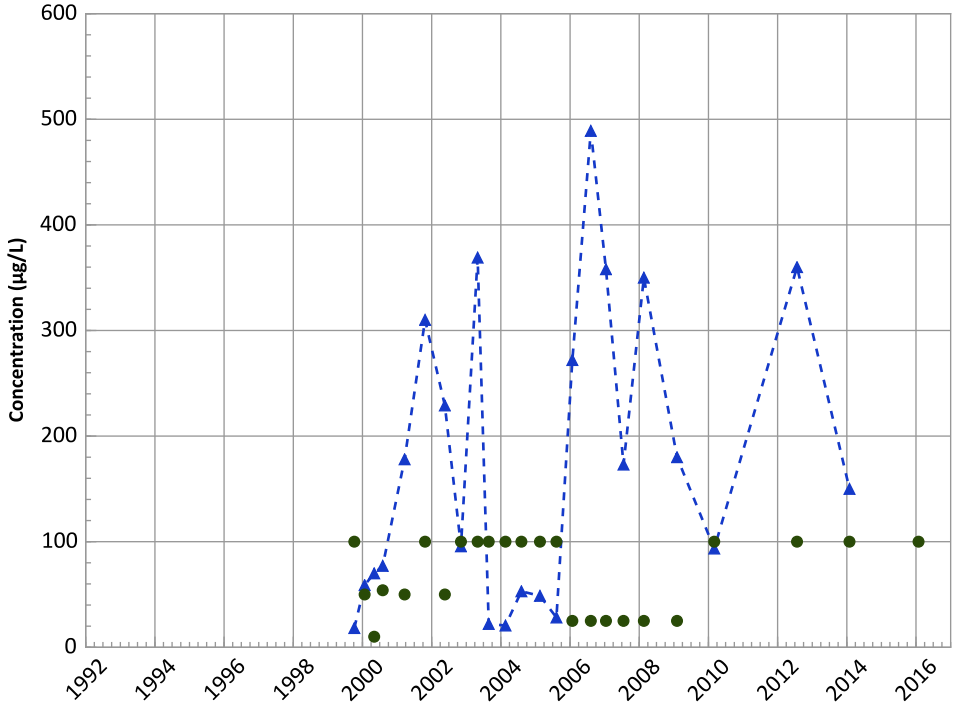
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

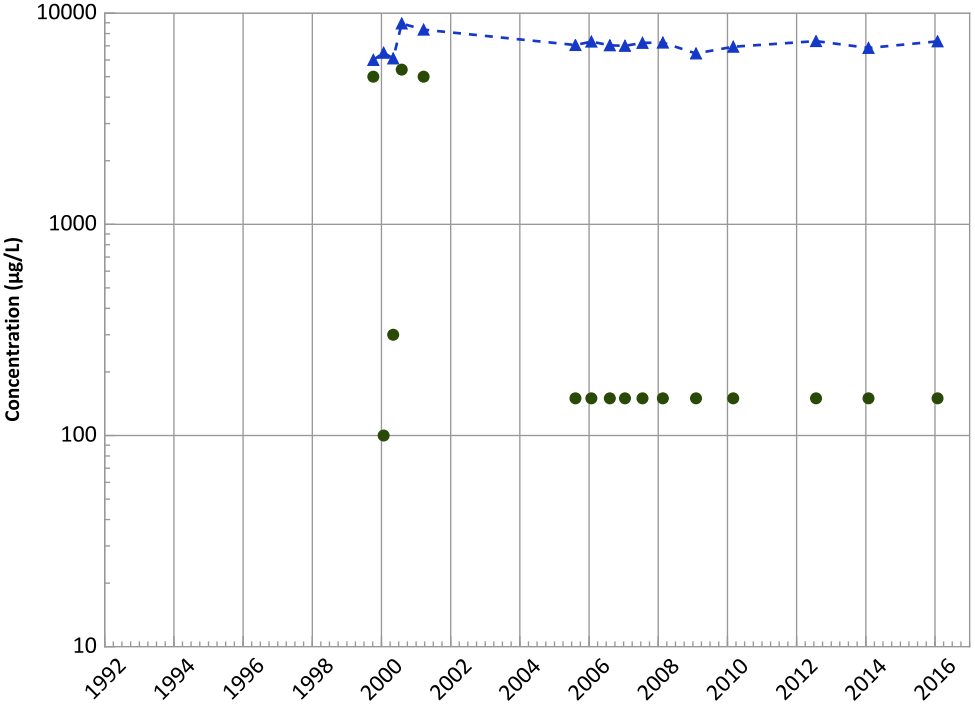


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Potassium Trend



Concentration Trend

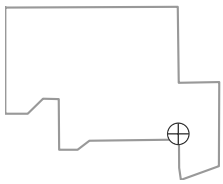
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

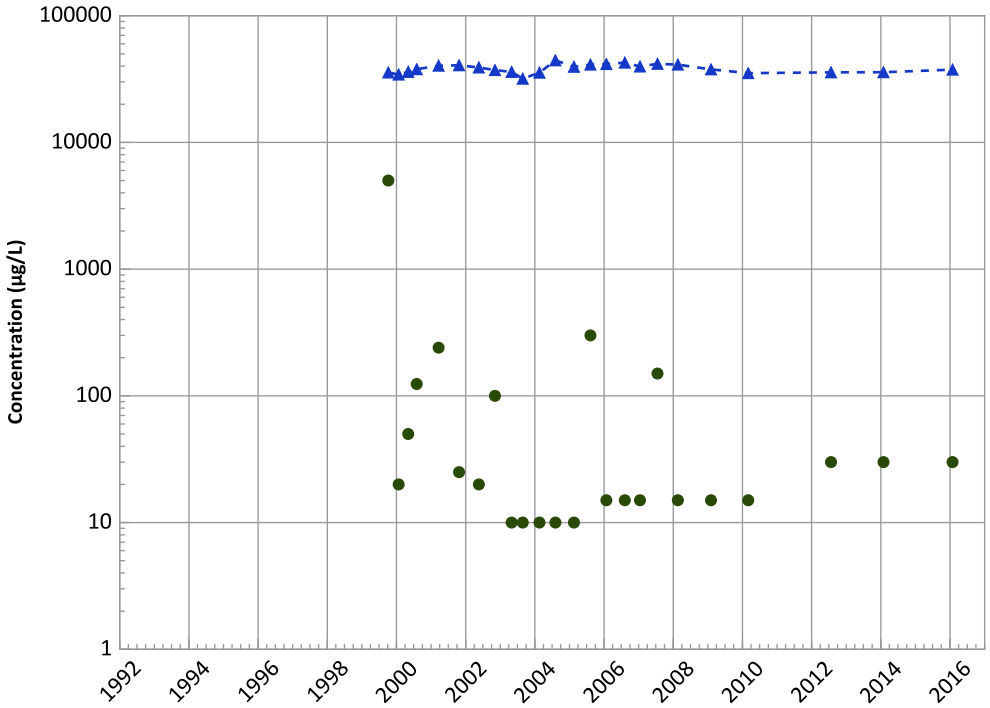
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

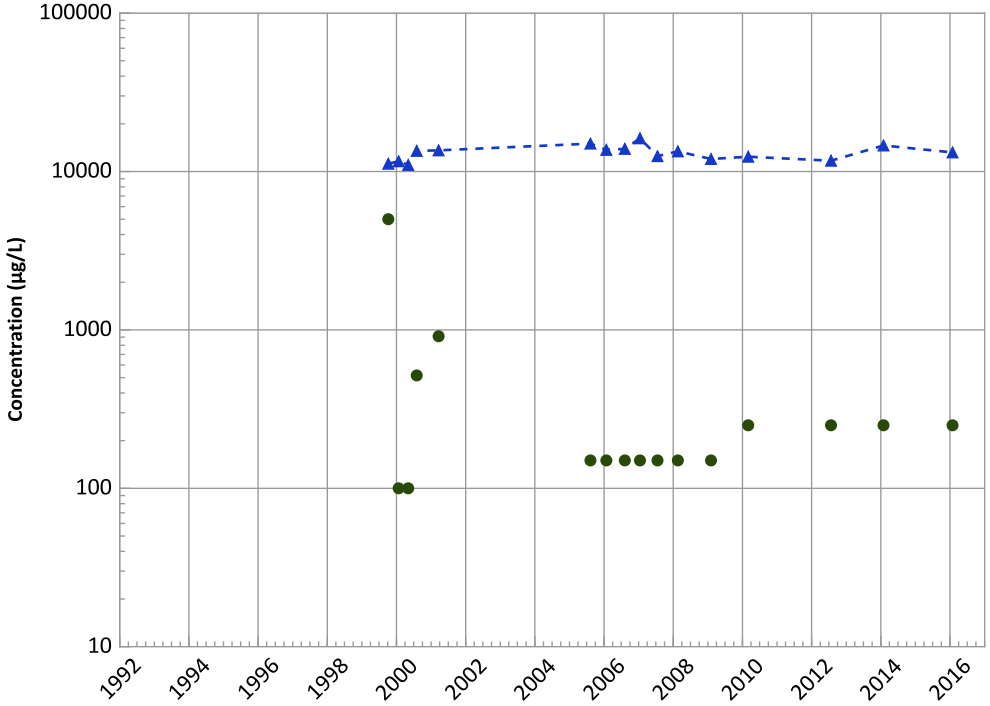


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Sodium Trend



Concentration Trend

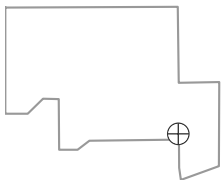
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

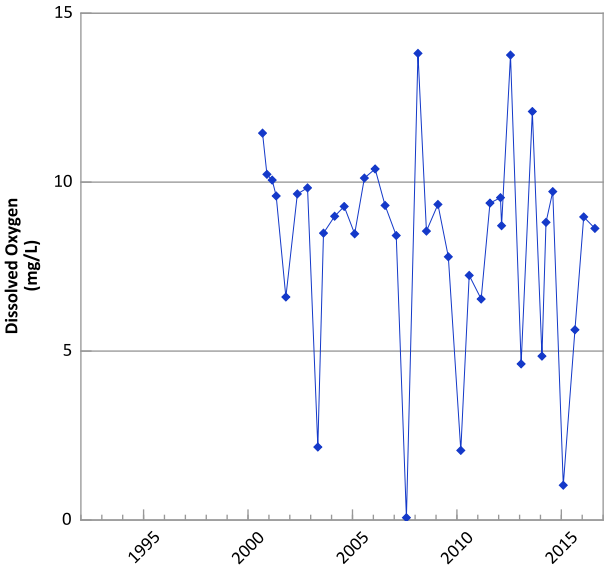
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/07/1999 to 08/08/2016
Analysis Date: 03/07/2017

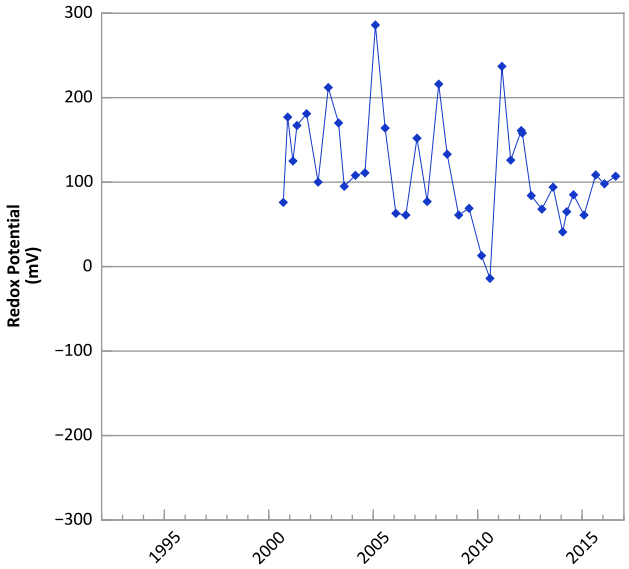
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

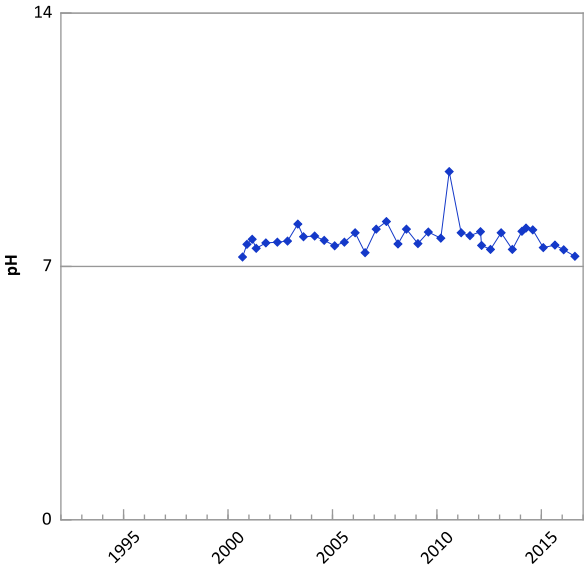
Well Location

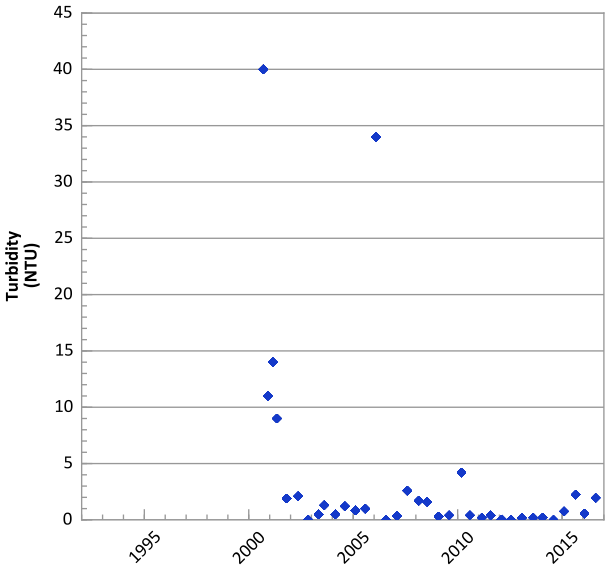


PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



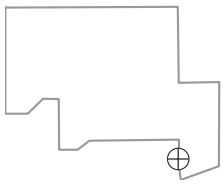






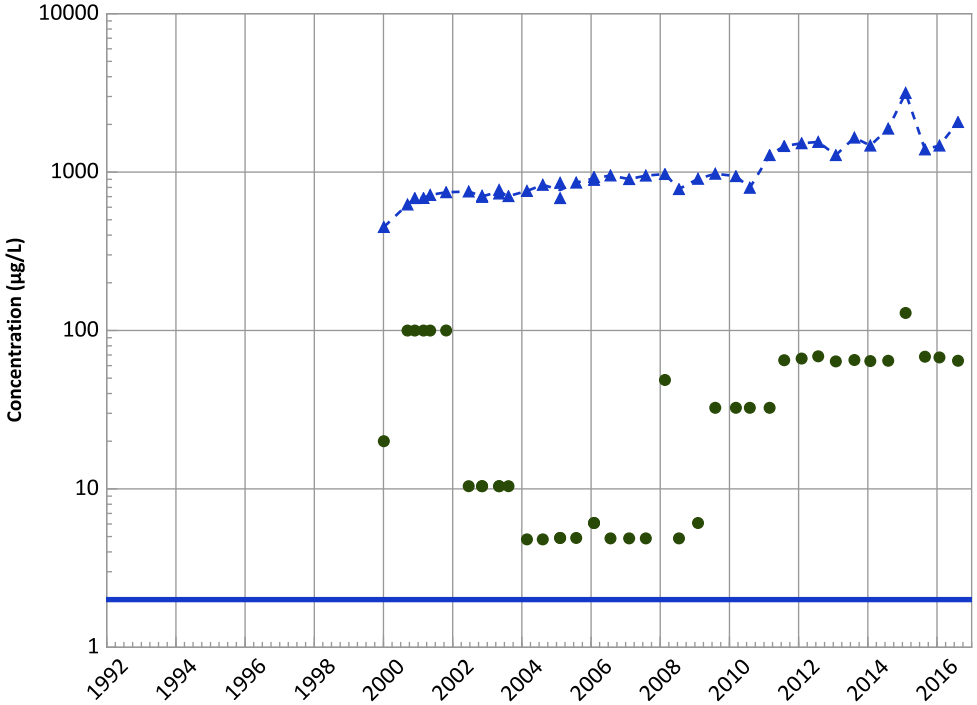
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/05/2000 to 08/10/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

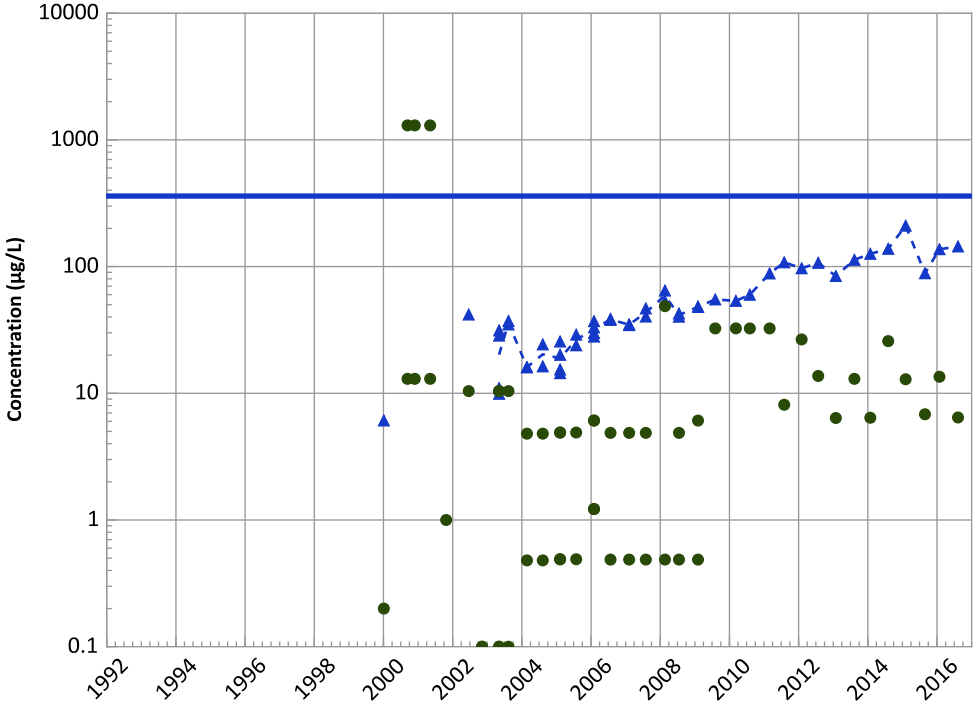


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

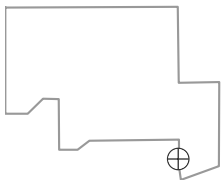
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/05/2000 to 08/10/2016
Analysis Date: 03/07/2017

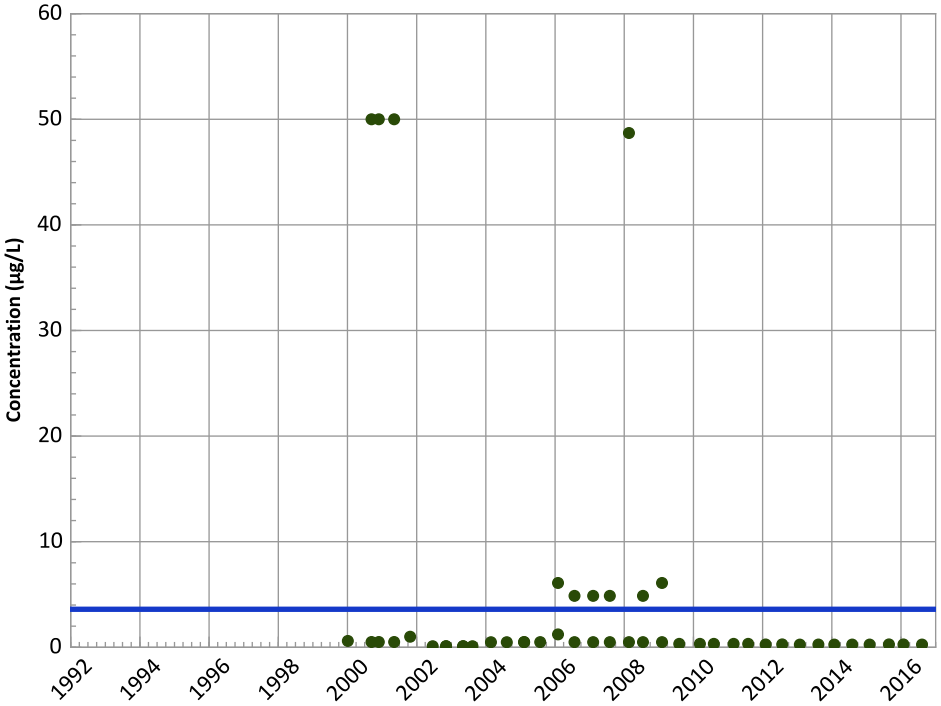
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

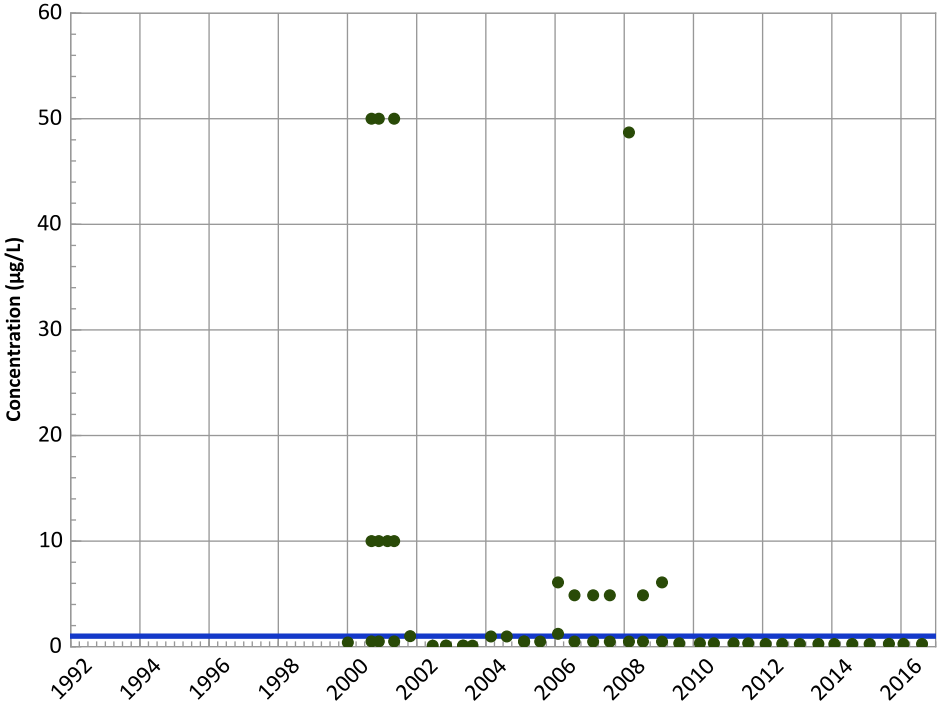


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

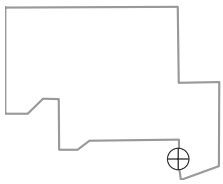
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/05/2000 to 08/10/2016
Analysis Date: 03/07/2017

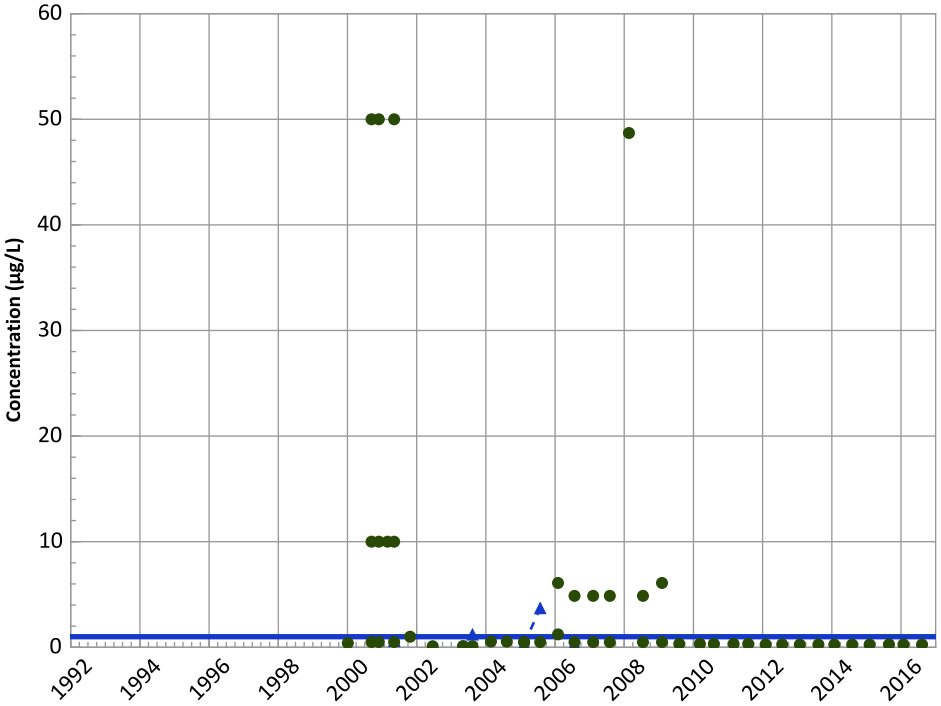
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

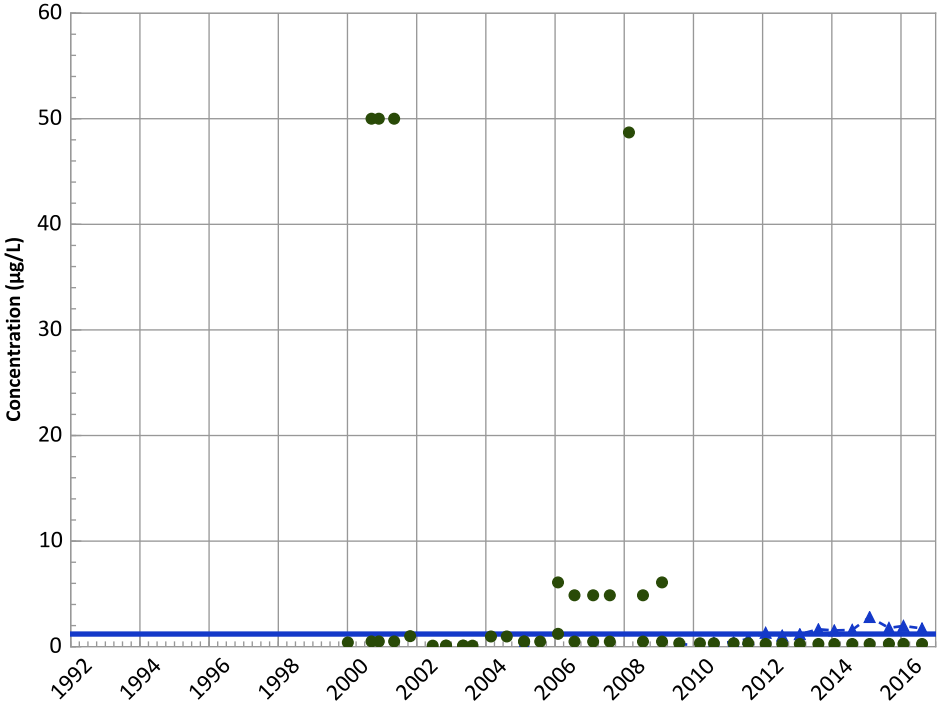


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

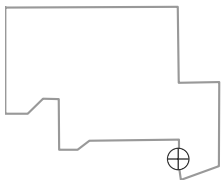
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/05/2000 to 08/10/2016
Analysis Date: 03/07/2017

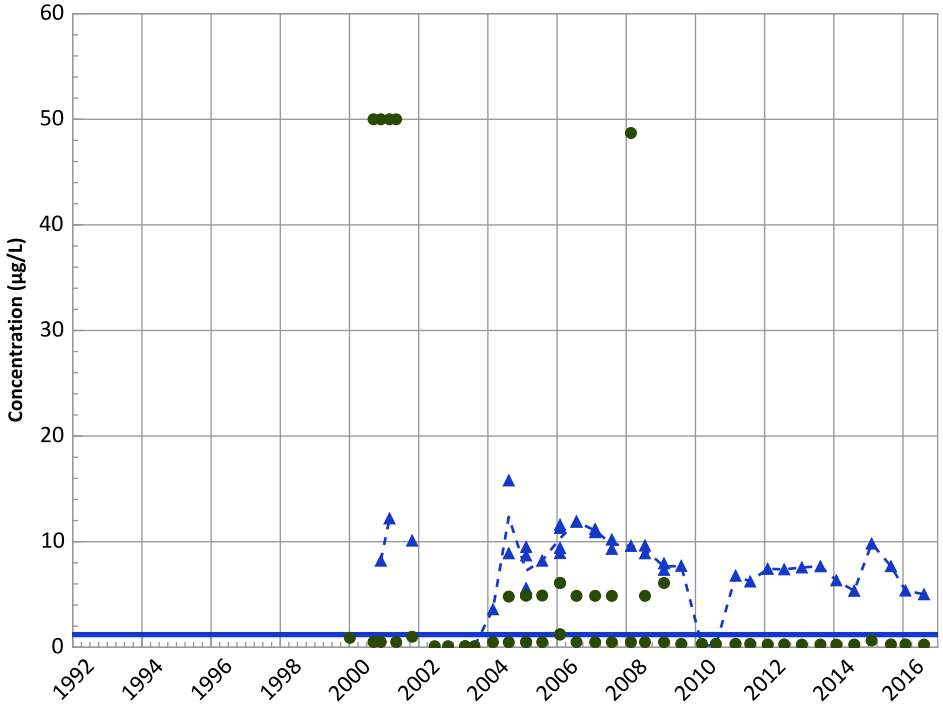
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

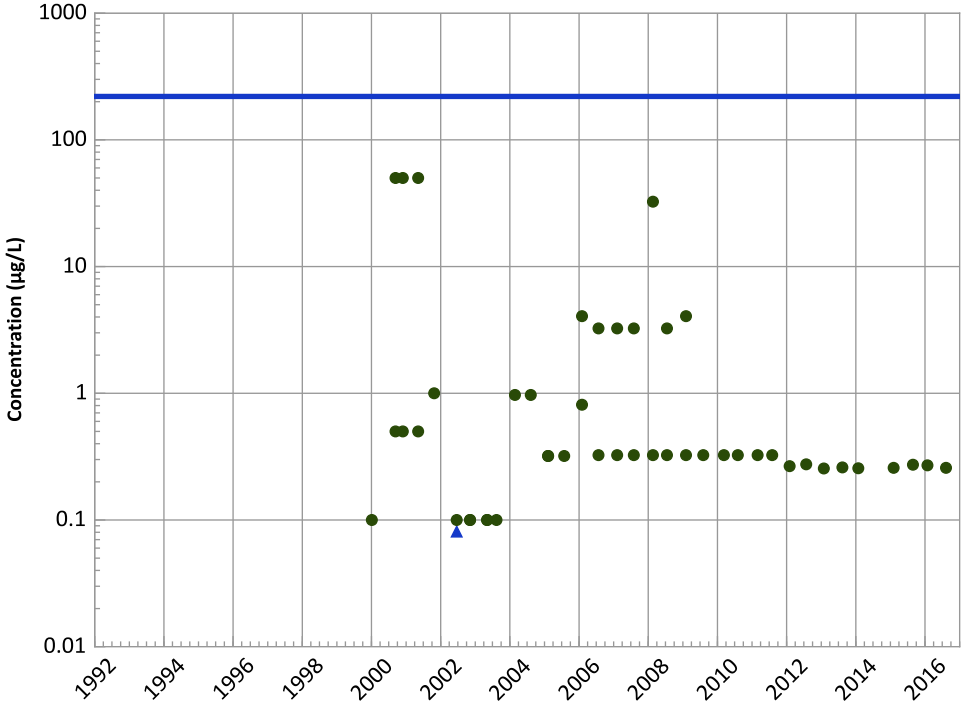


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

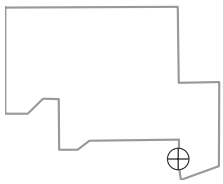
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/05/2000 to 08/10/2016
Analysis Date: 03/07/2017

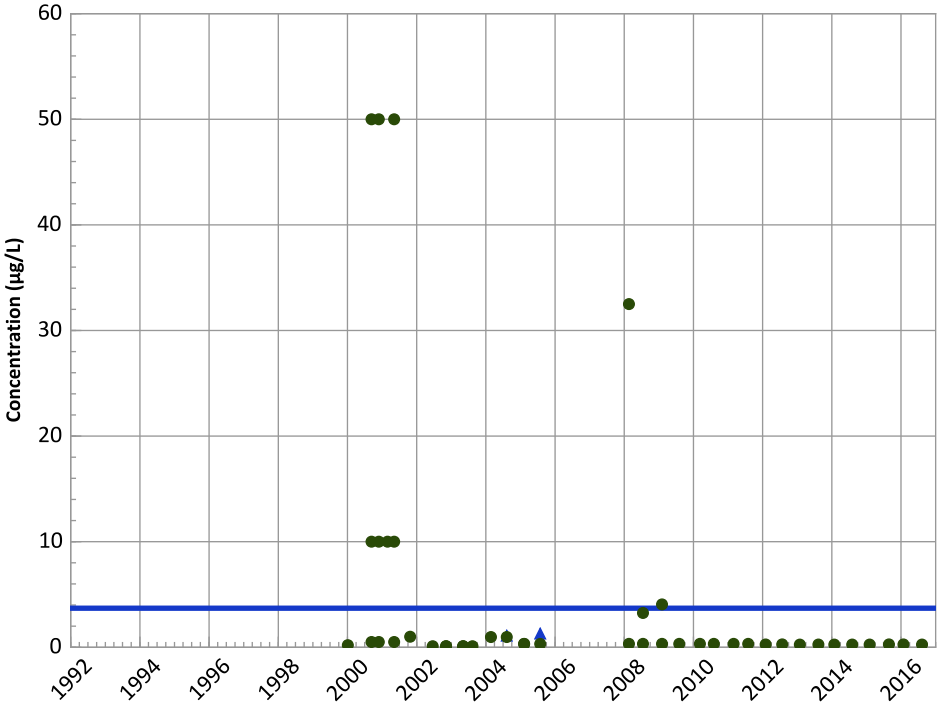
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

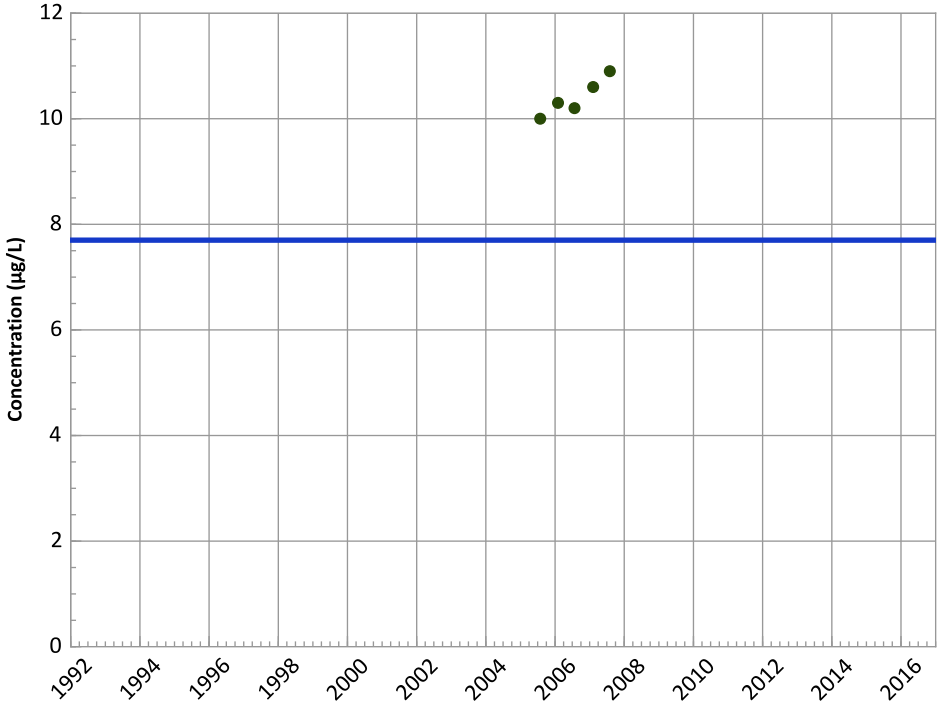


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

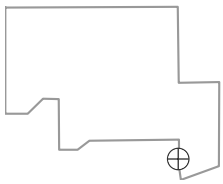
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/05/2000 to 08/10/2016
Analysis Date: 03/07/2017

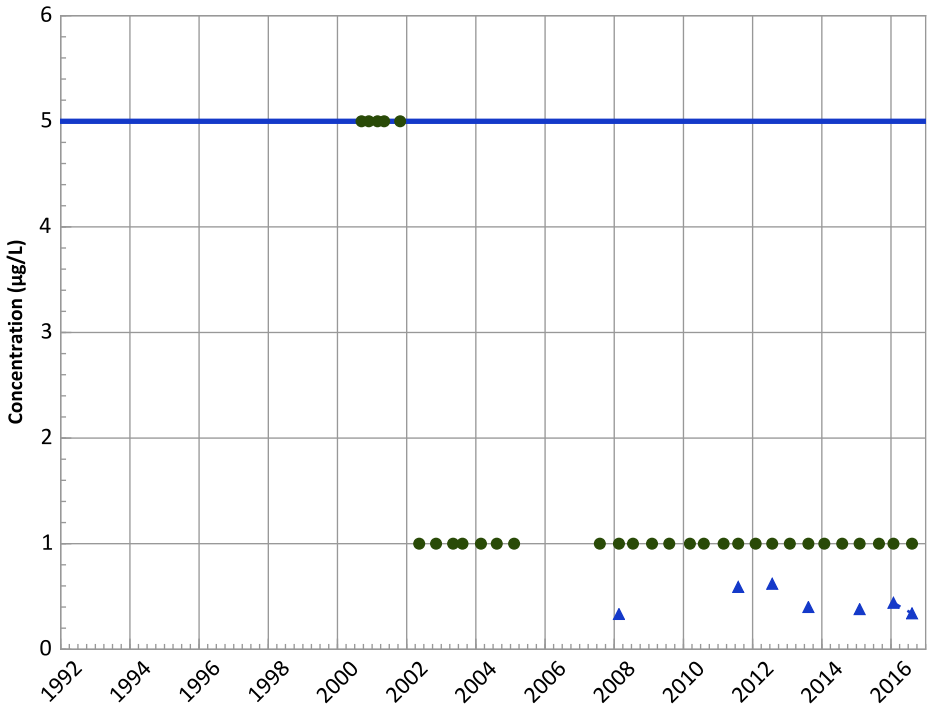
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

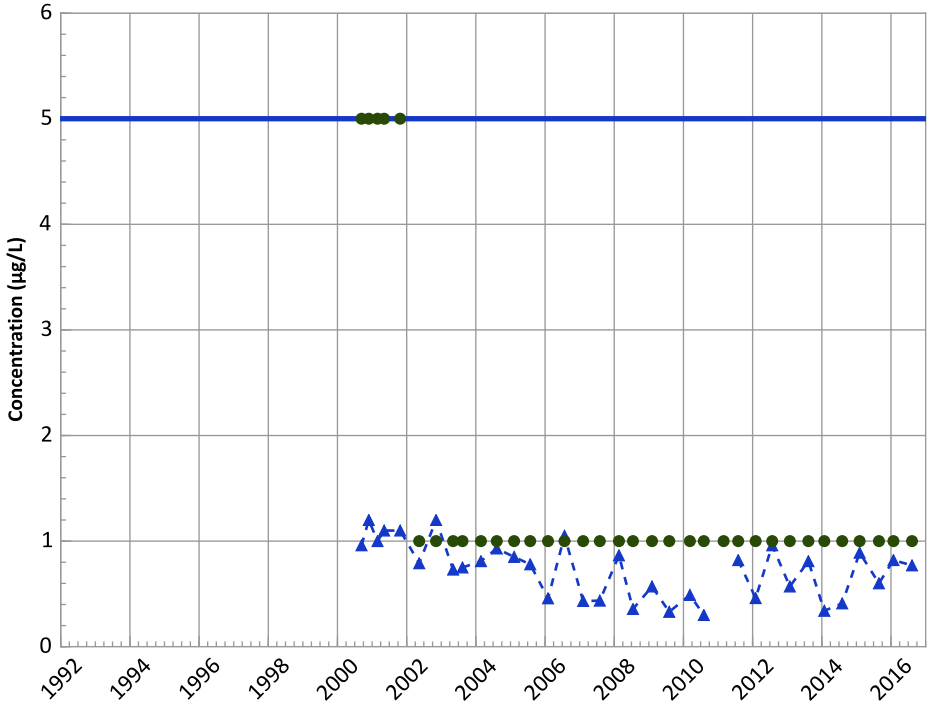


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Stable

Trichloroethene Trend



Concentration Trend

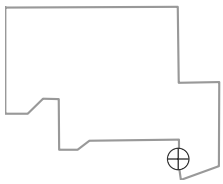
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/05/2000 to 08/10/2016
Analysis Date: 03/07/2017

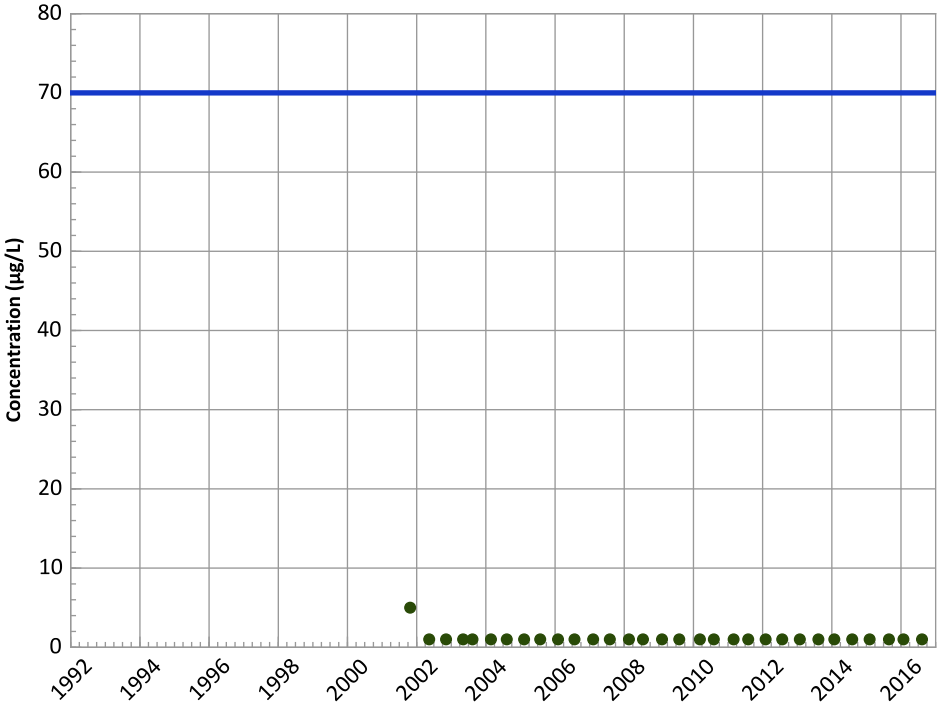
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

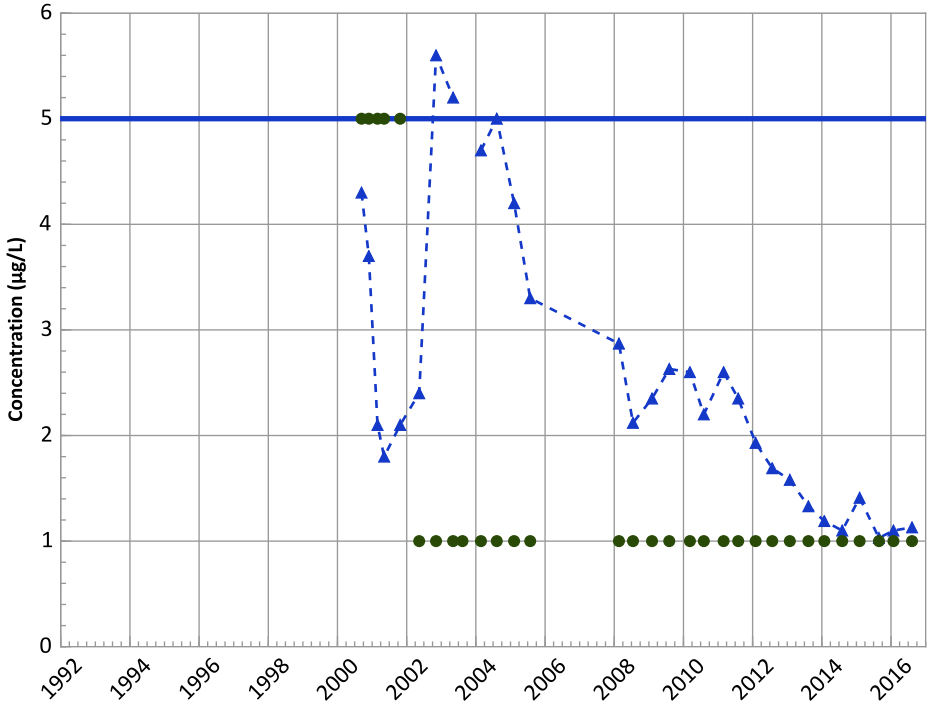


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

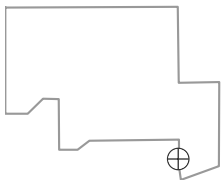
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/05/2000 to 08/10/2016
Analysis Date: 03/07/2017

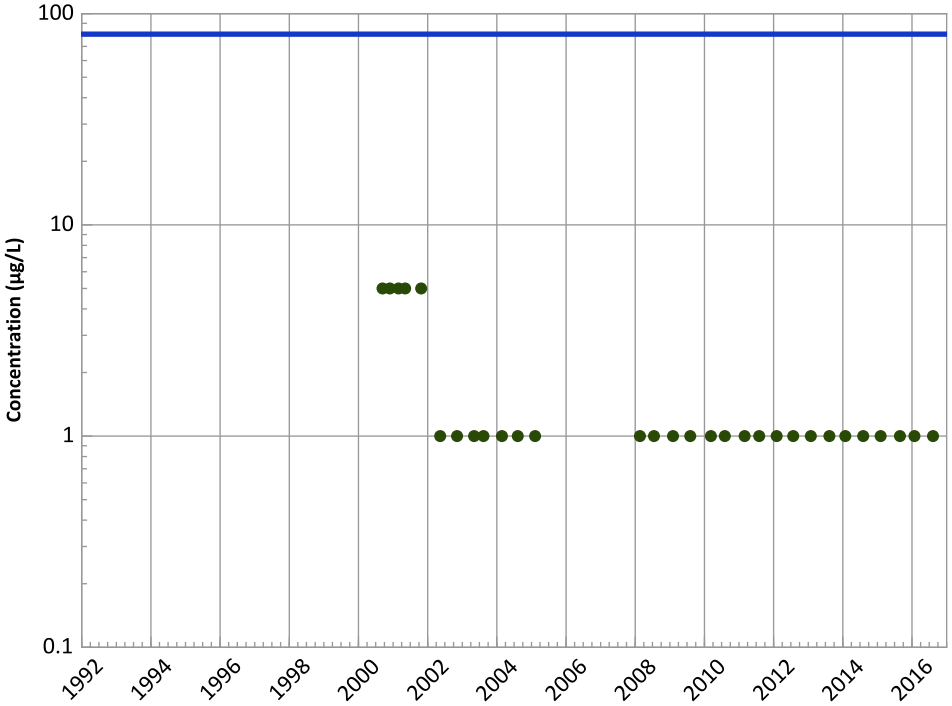
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

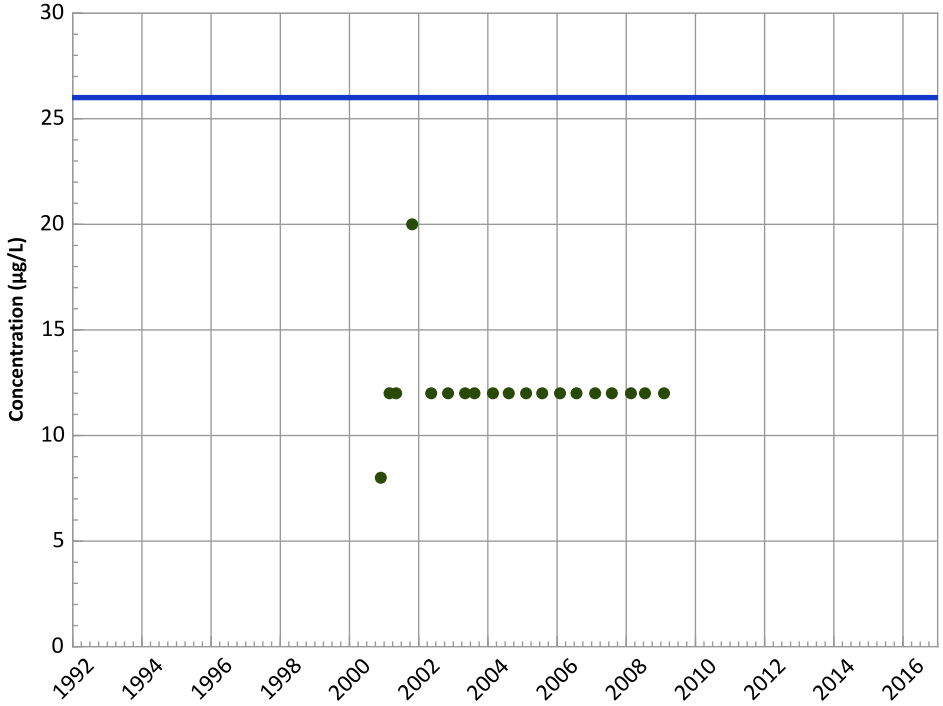


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

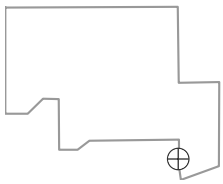
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/05/2000 to 08/10/2016
Analysis Date: 03/07/2017

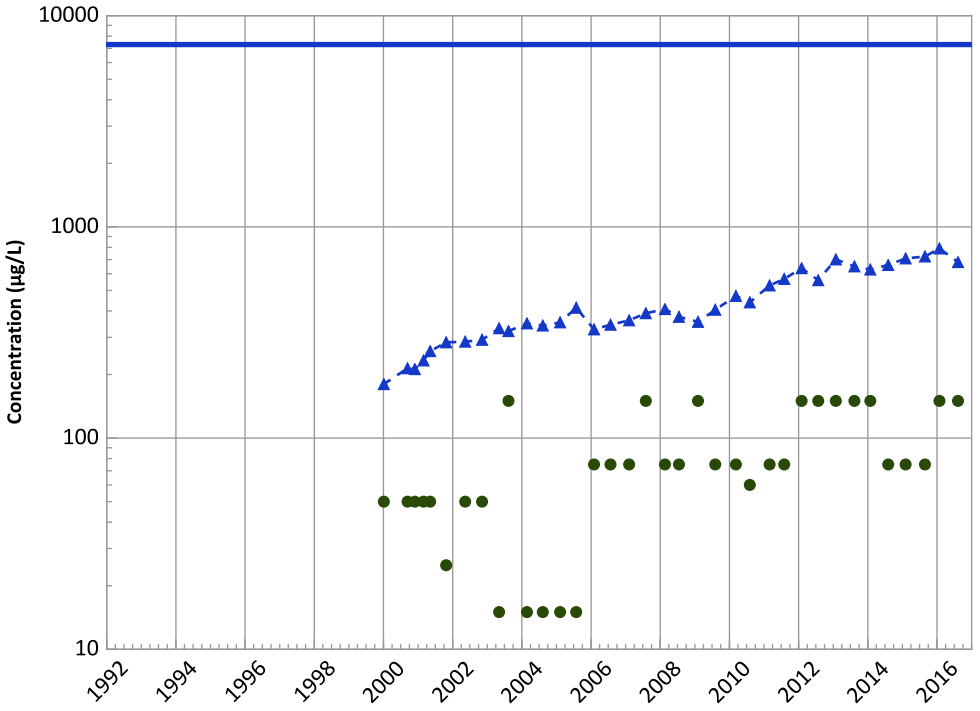
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

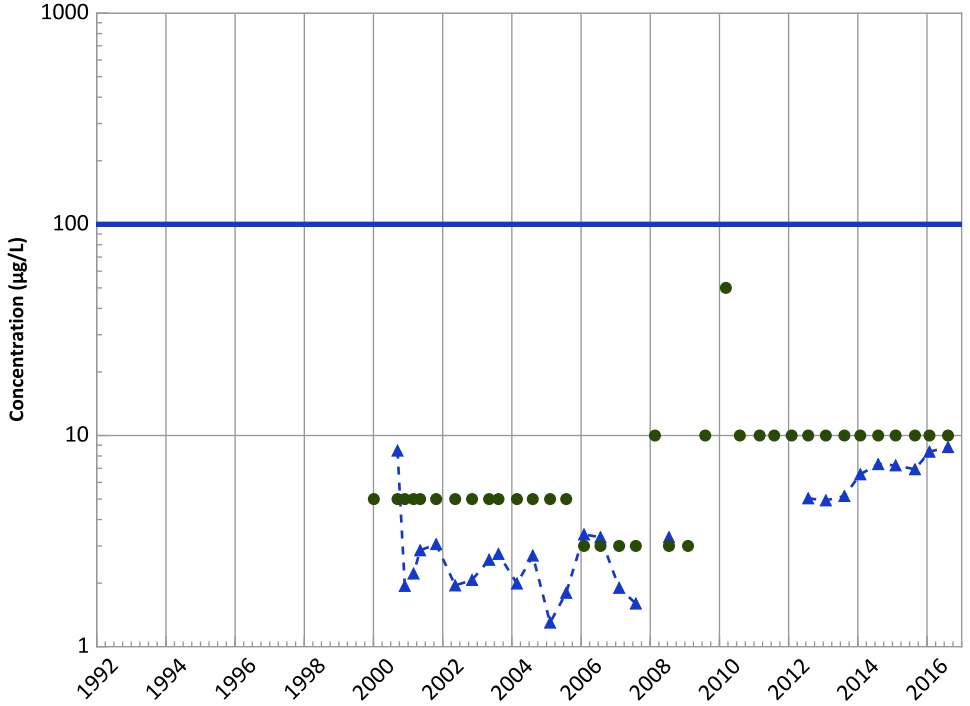


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Chromium, Total Trend



Concentration Trend

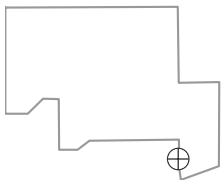
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/05/2000 to 08/10/2016
Analysis Date: 03/07/2017

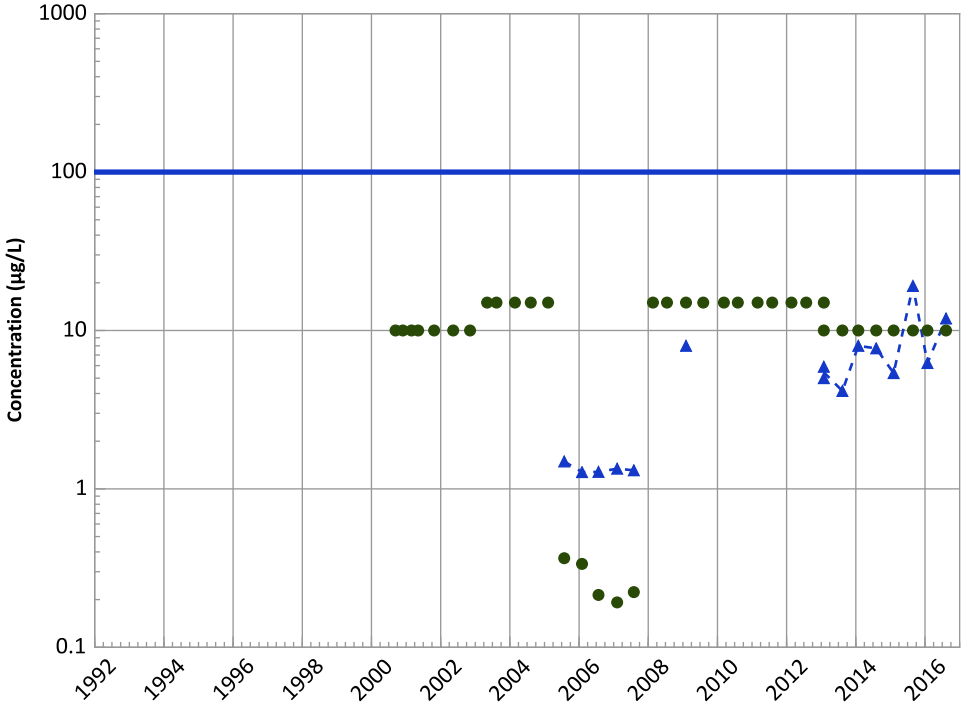
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

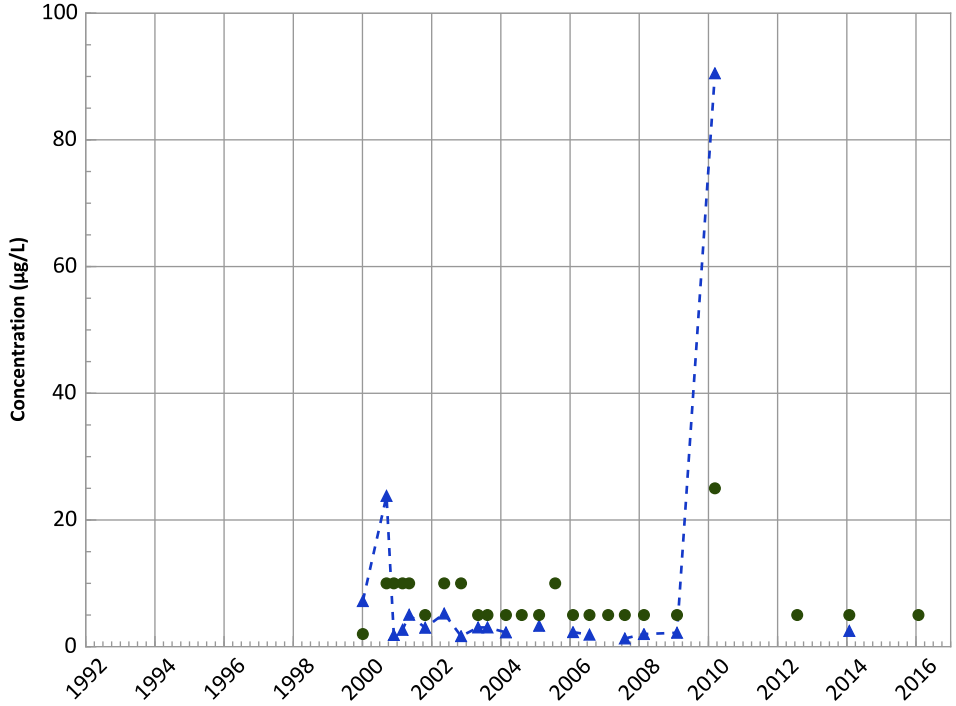


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

Manganese Trend



Concentration Trend

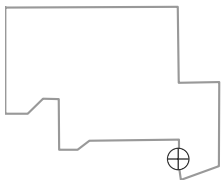
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/05/2000 to 08/10/2016
Analysis Date: 03/07/2017

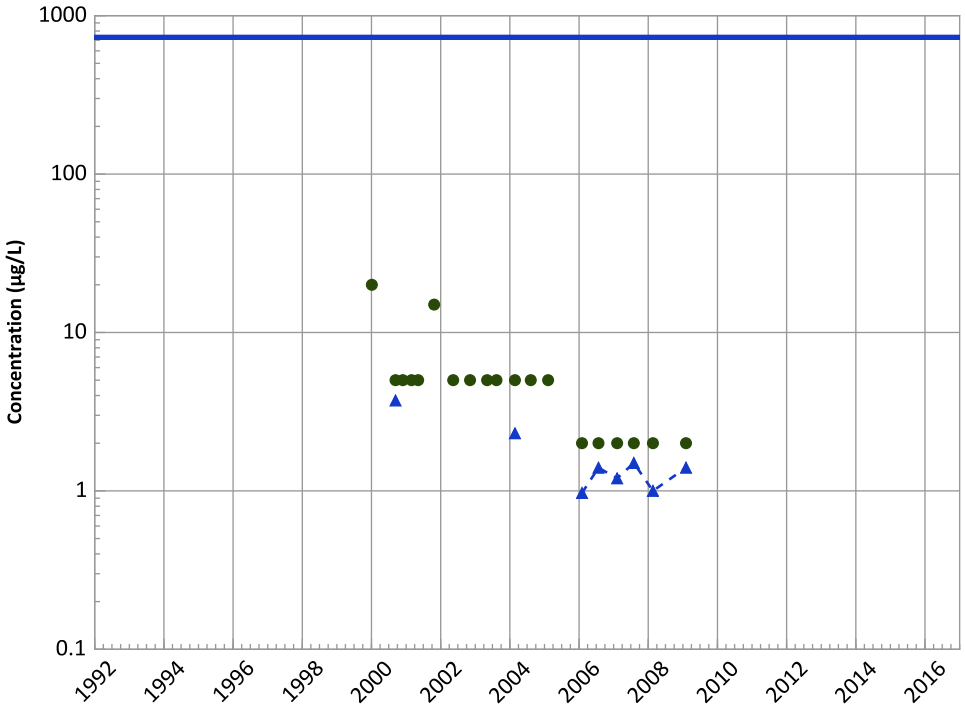
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

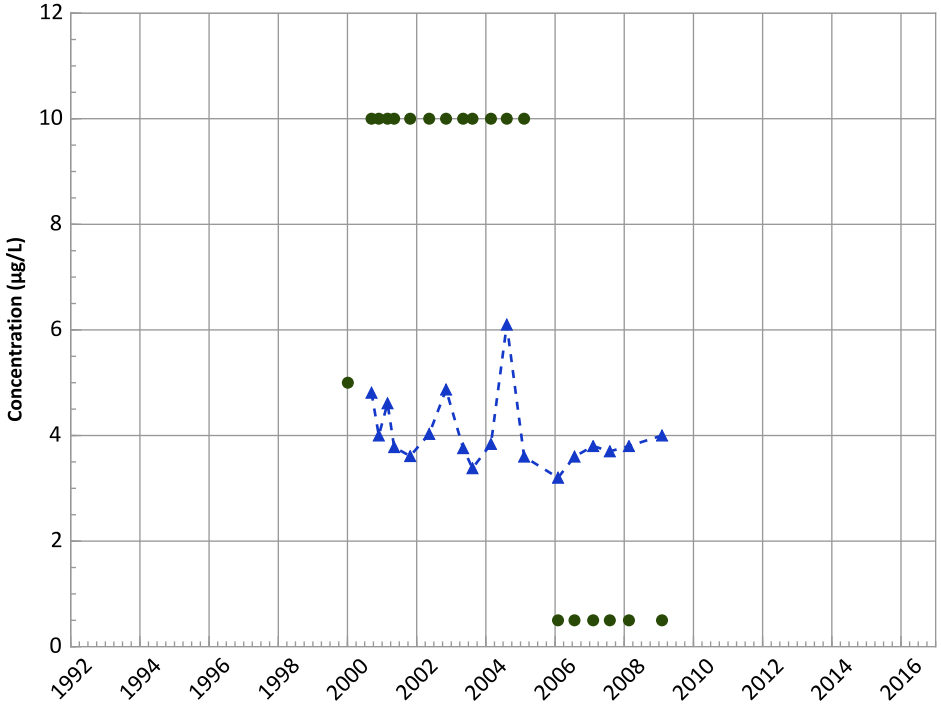


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Molybdenum Trend



Concentration Trend

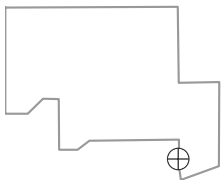
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/05/2000 to 08/10/2016
Analysis Date: 03/07/2017

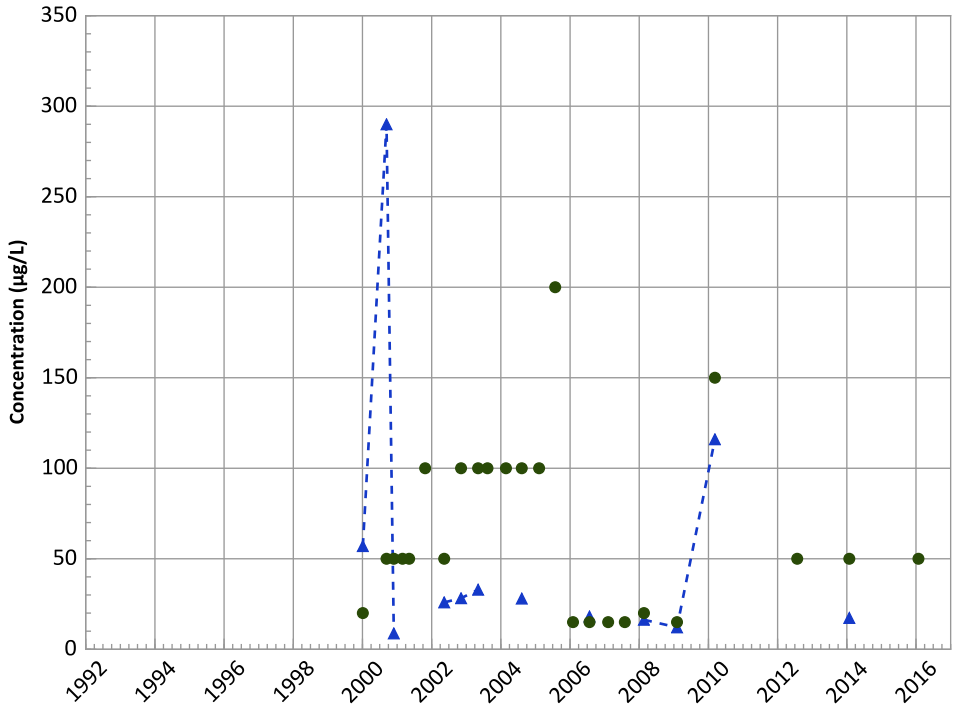
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

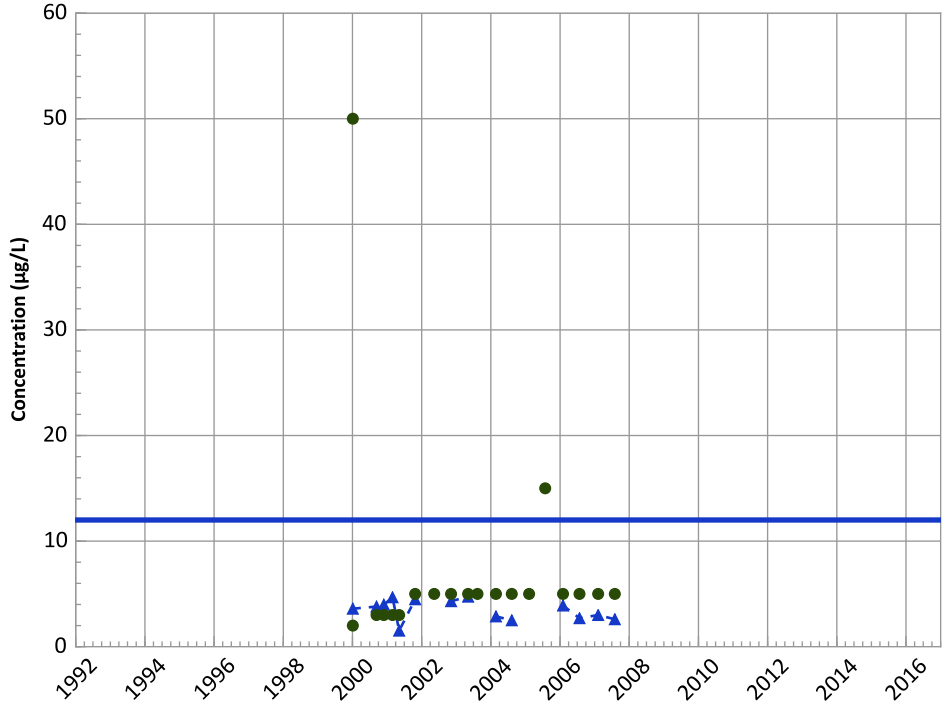


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Arsenic Trend



Concentration Trend

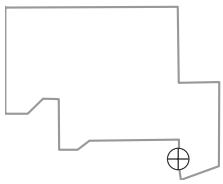
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/05/2000 to 08/10/2016
Analysis Date: 03/07/2017

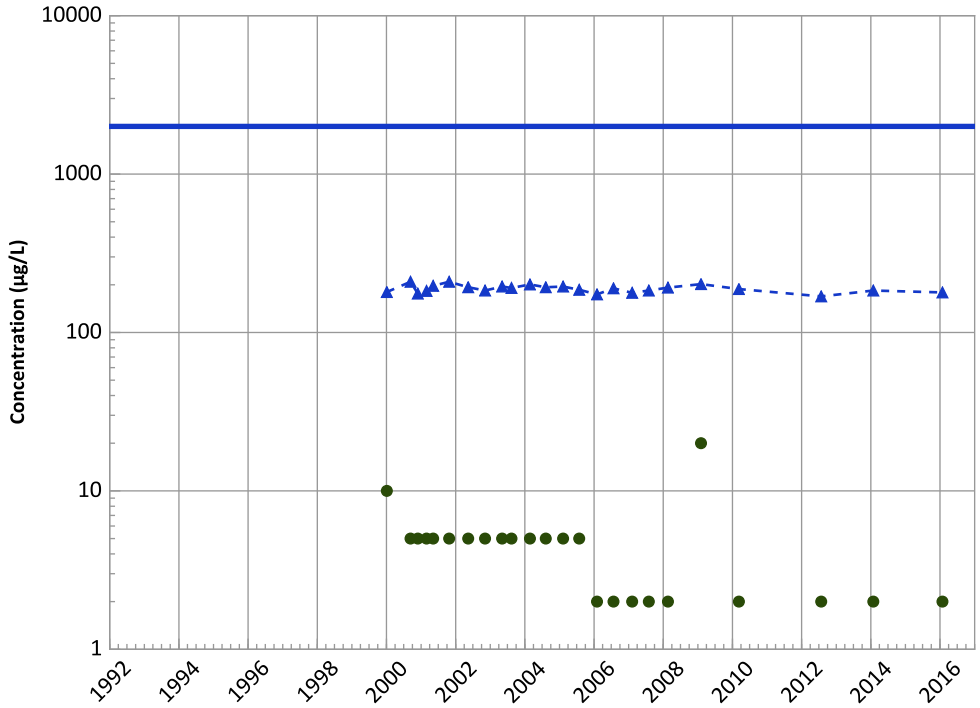
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

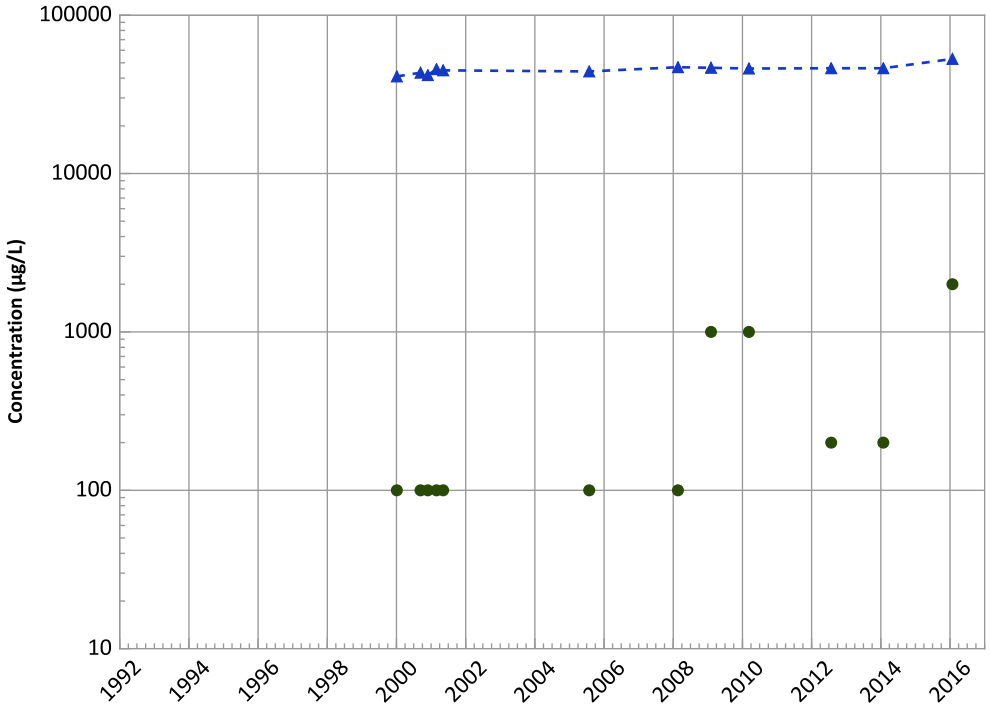


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Calcium Trend



Concentration Trend

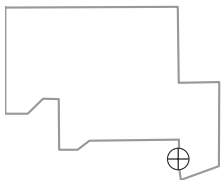
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/05/2000 to 08/10/2016
Analysis Date: 03/07/2017

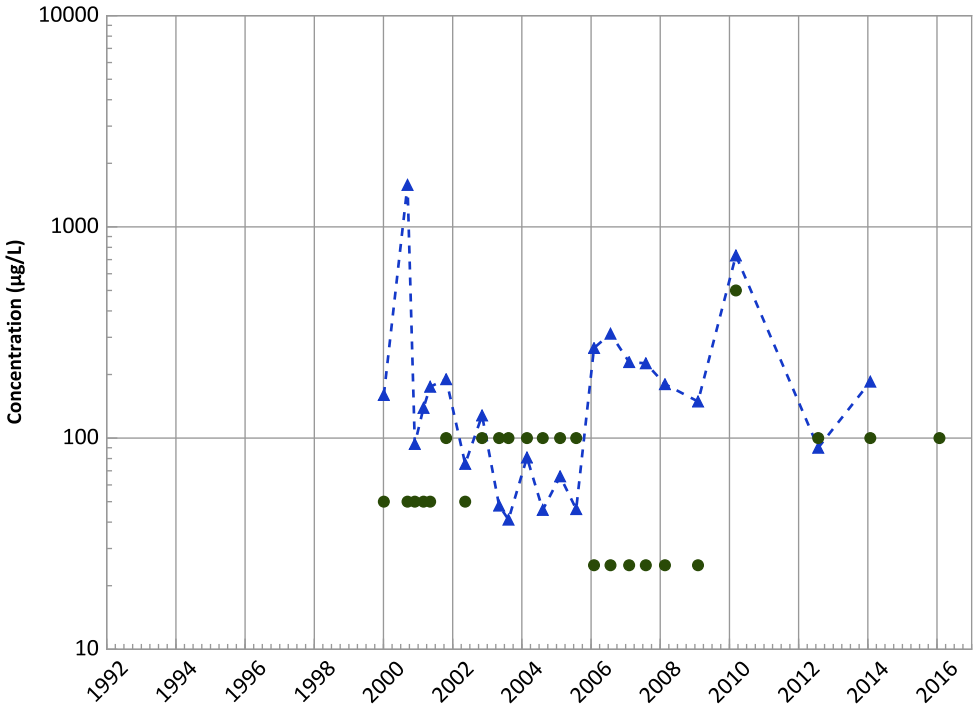
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

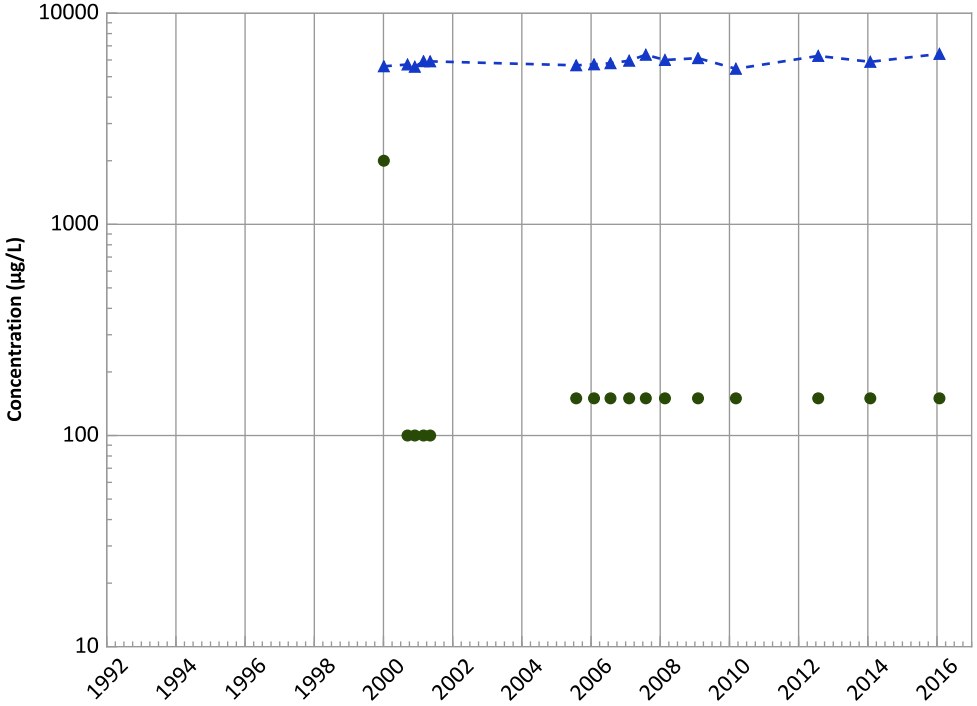


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Potassium Trend



Concentration Trend

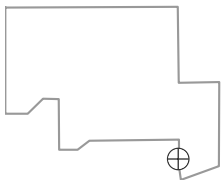
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/05/2000 to 08/10/2016
Analysis Date: 03/07/2017

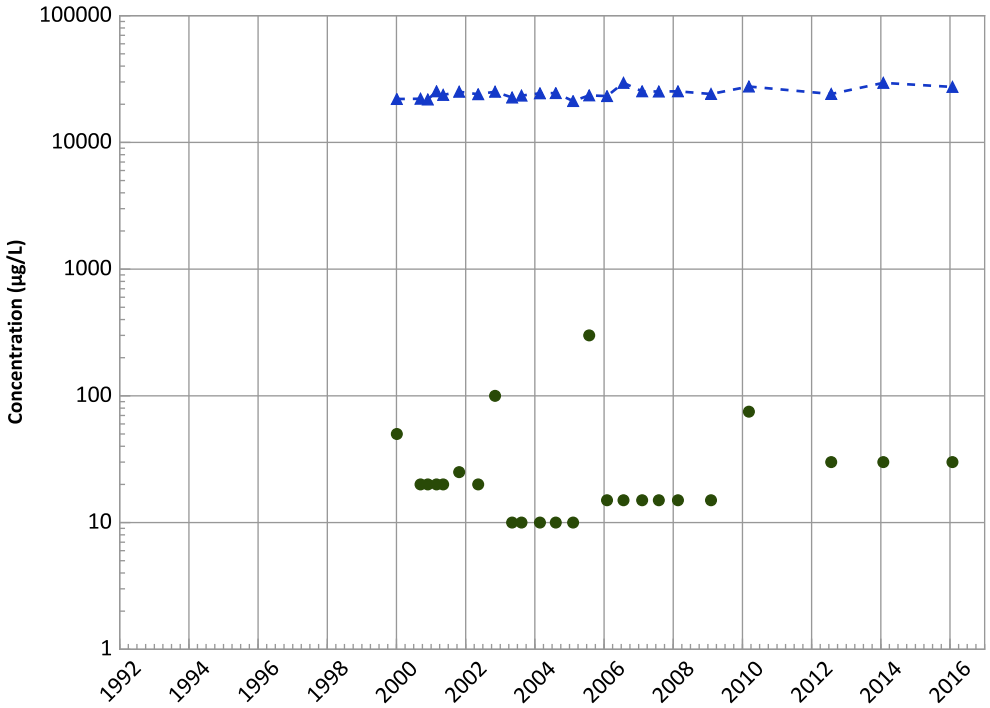
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

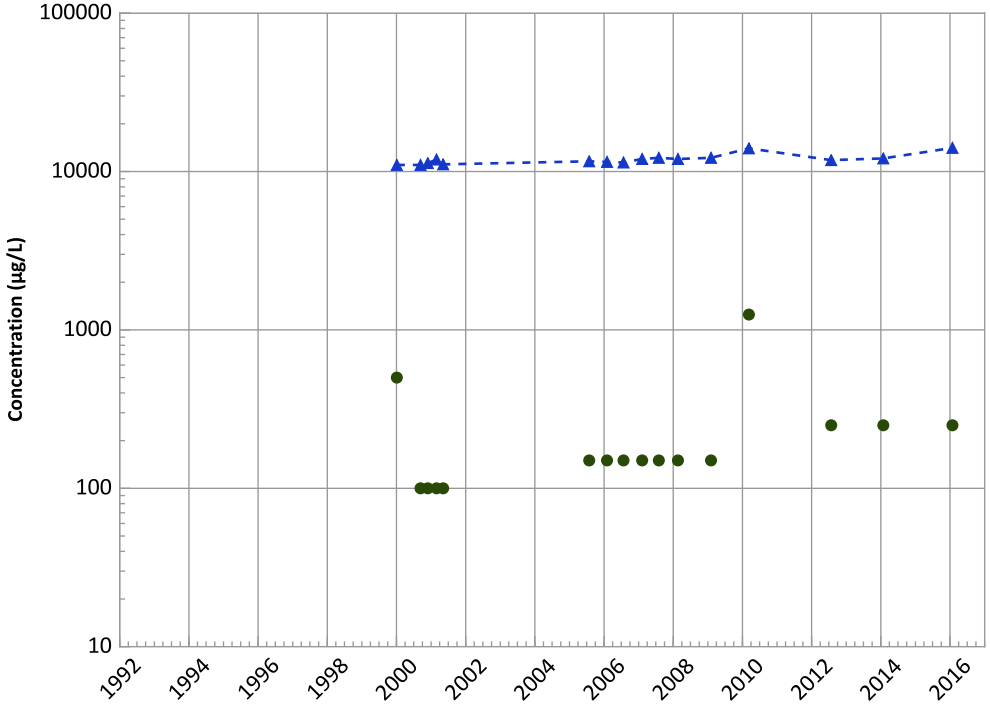


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Sodium Trend



Concentration Trend

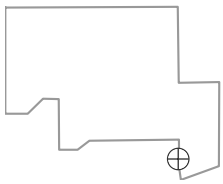
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

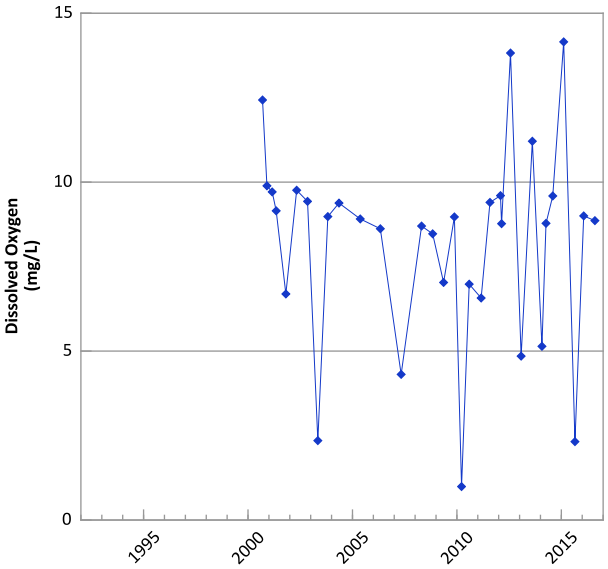
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/05/2000 to 08/10/2016
Analysis Date: 03/07/2017

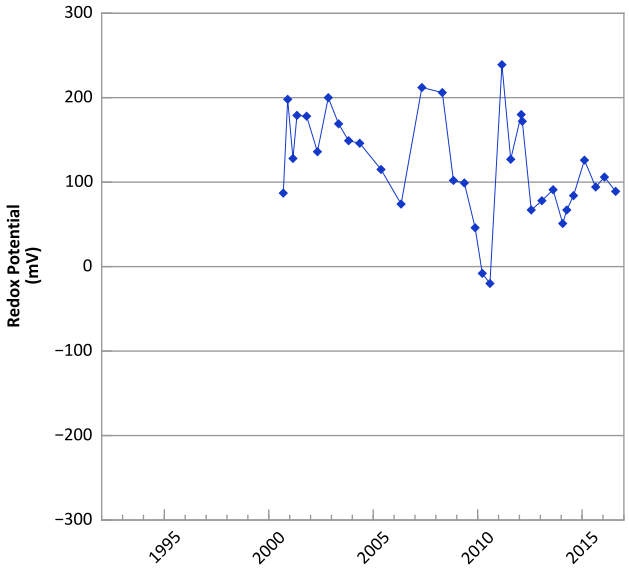
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

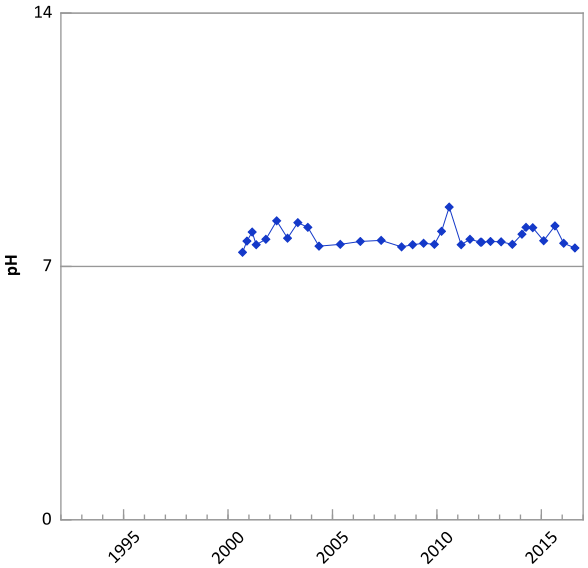
Well Location

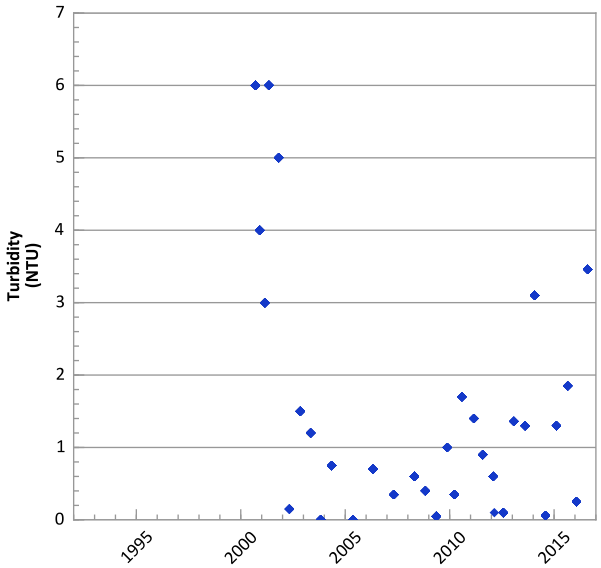


PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



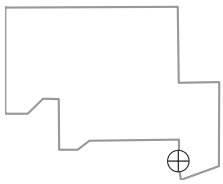






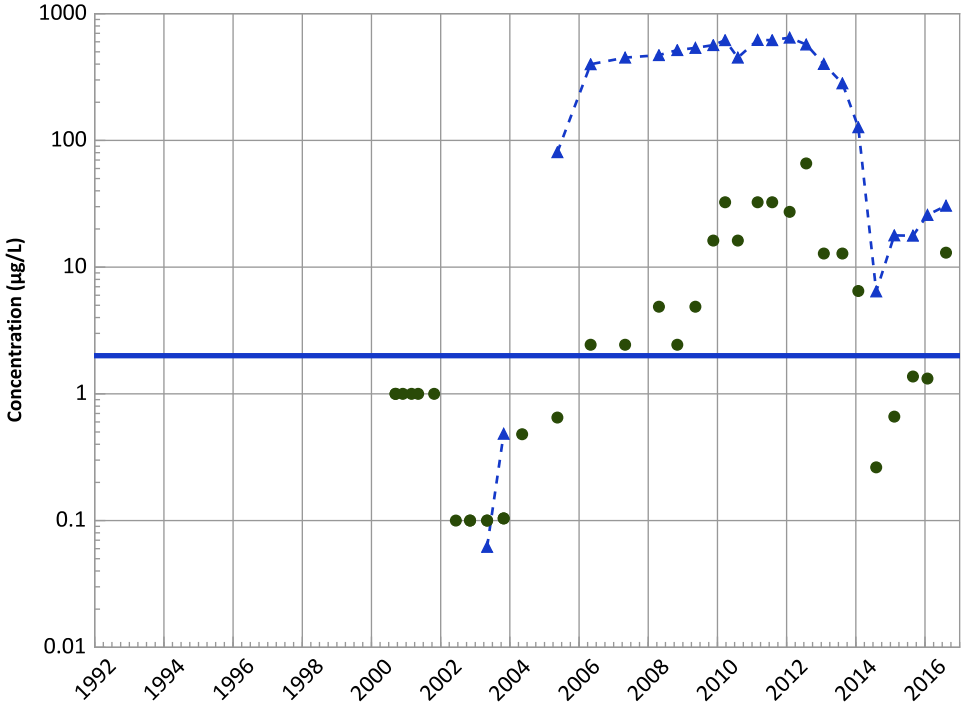
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/11/2000 to 08/10/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

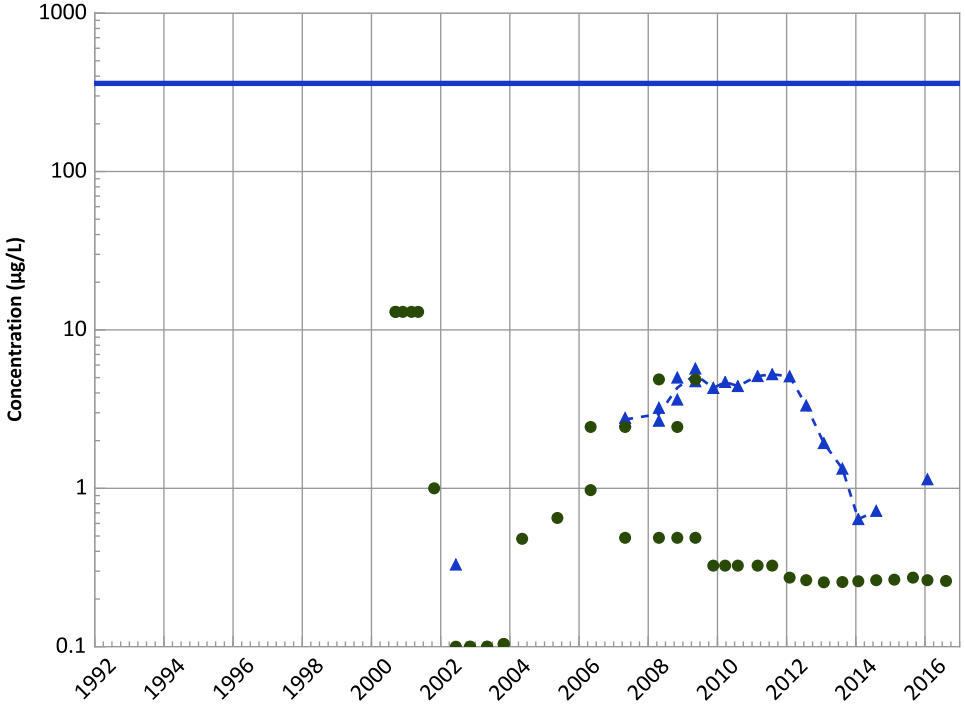


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

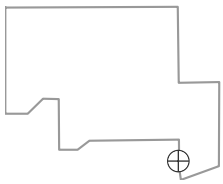
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/11/2000 to 08/10/2016
Analysis Date: 03/07/2017

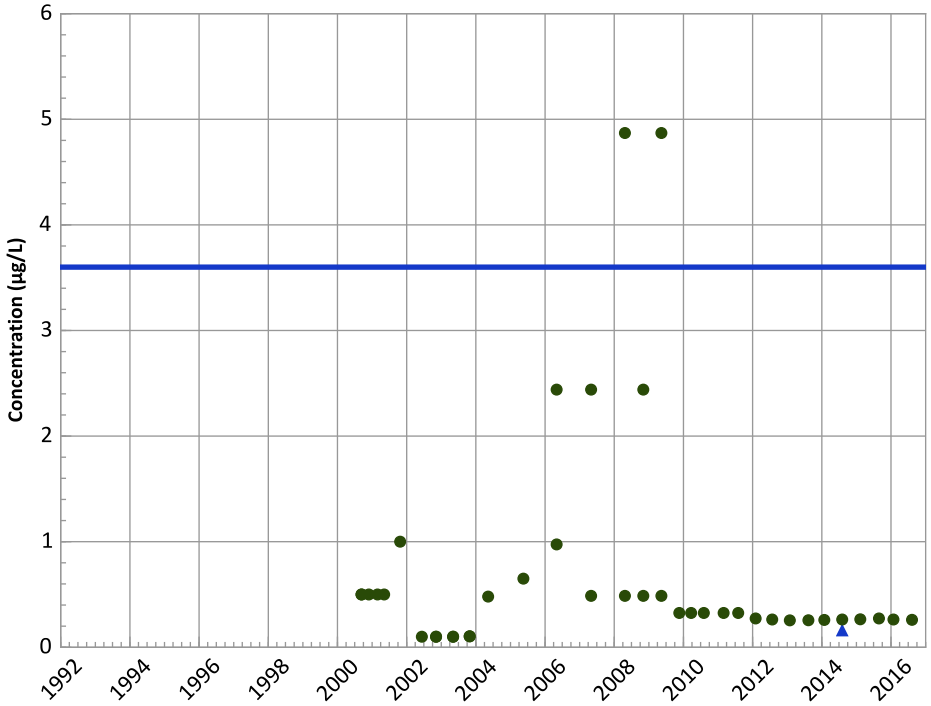
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

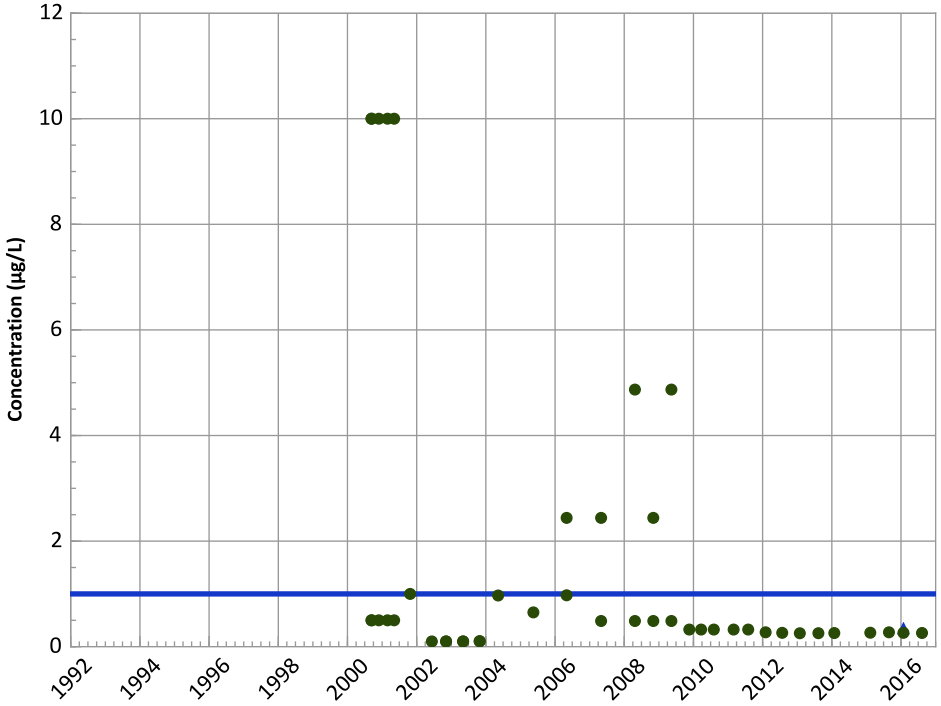


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

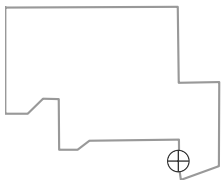
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/11/2000 to 08/10/2016
Analysis Date: 03/07/2017

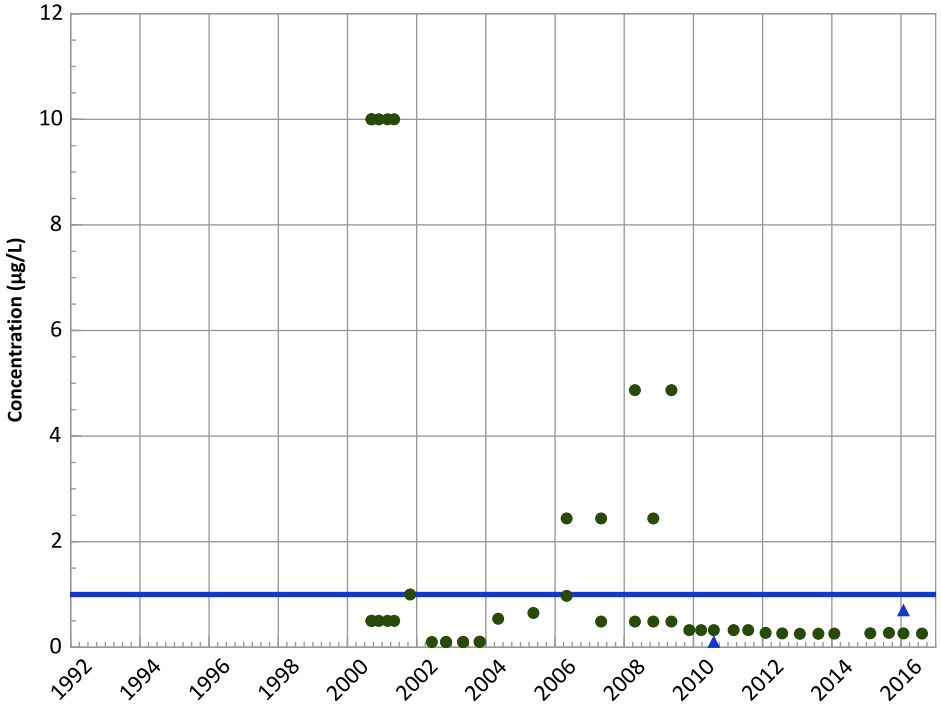
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

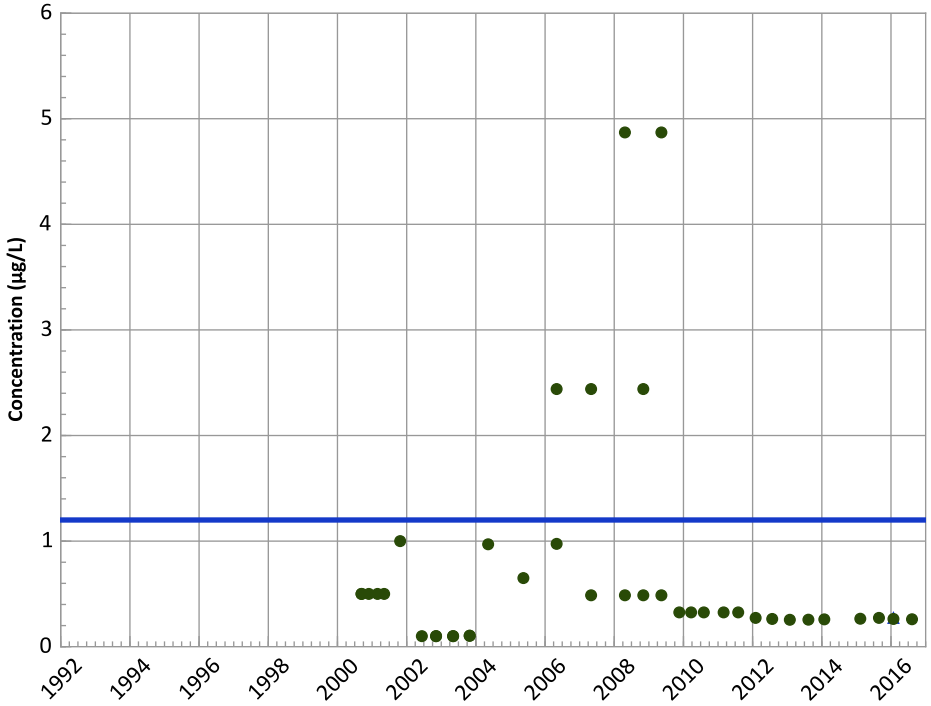


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

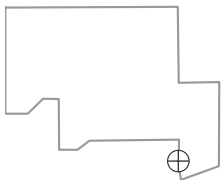
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/11/2000 to 08/10/2016
Analysis Date: 03/07/2017

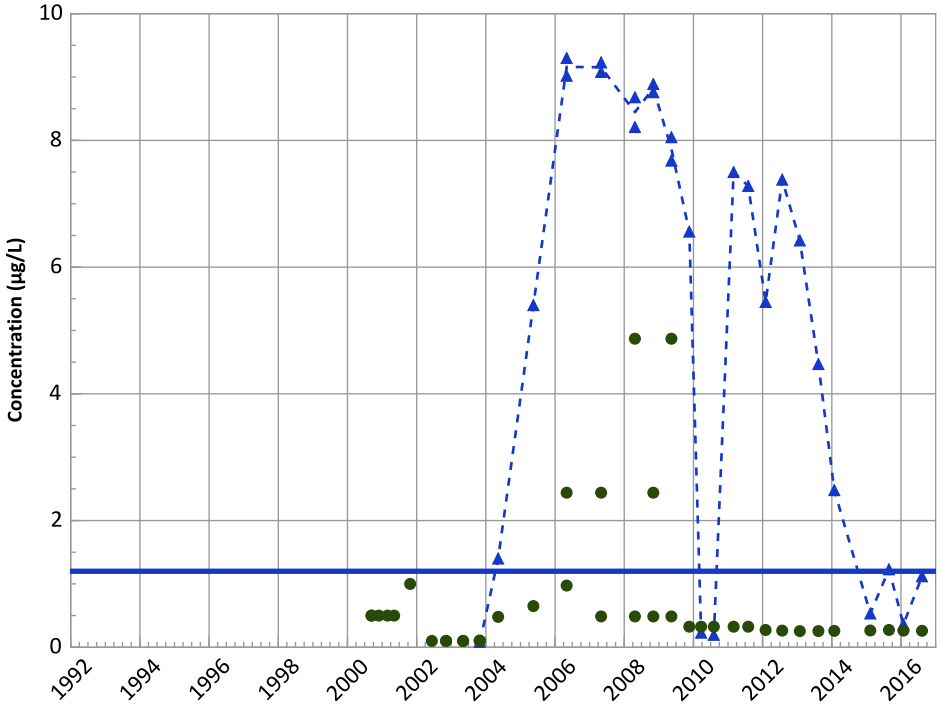
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

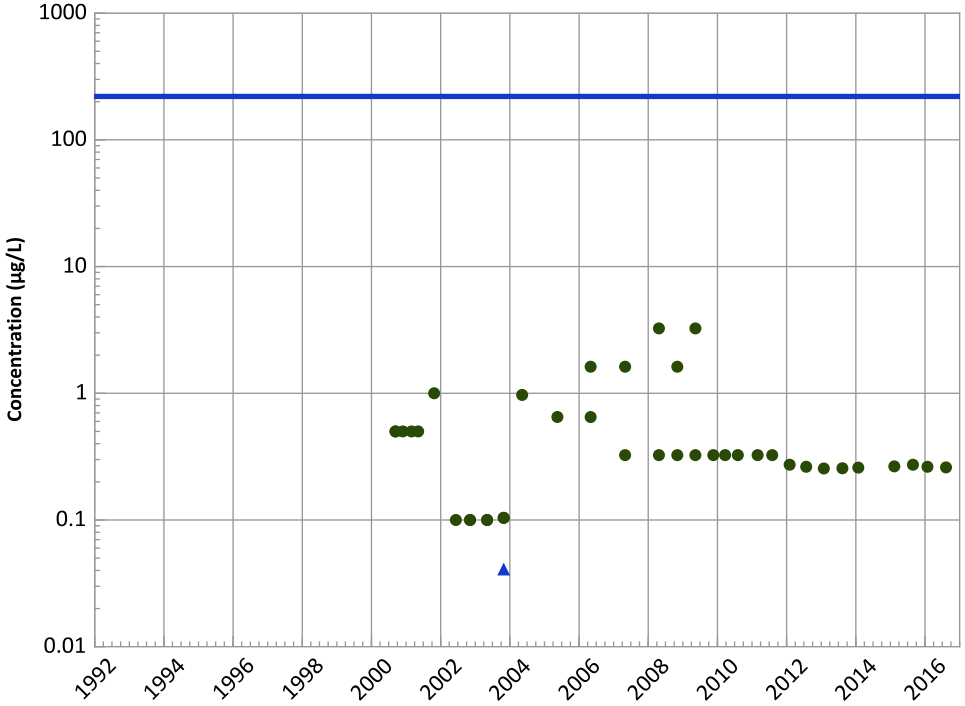


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

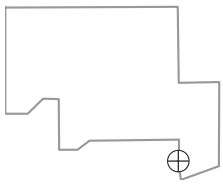
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/11/2000 to 08/10/2016
Analysis Date: 03/07/2017

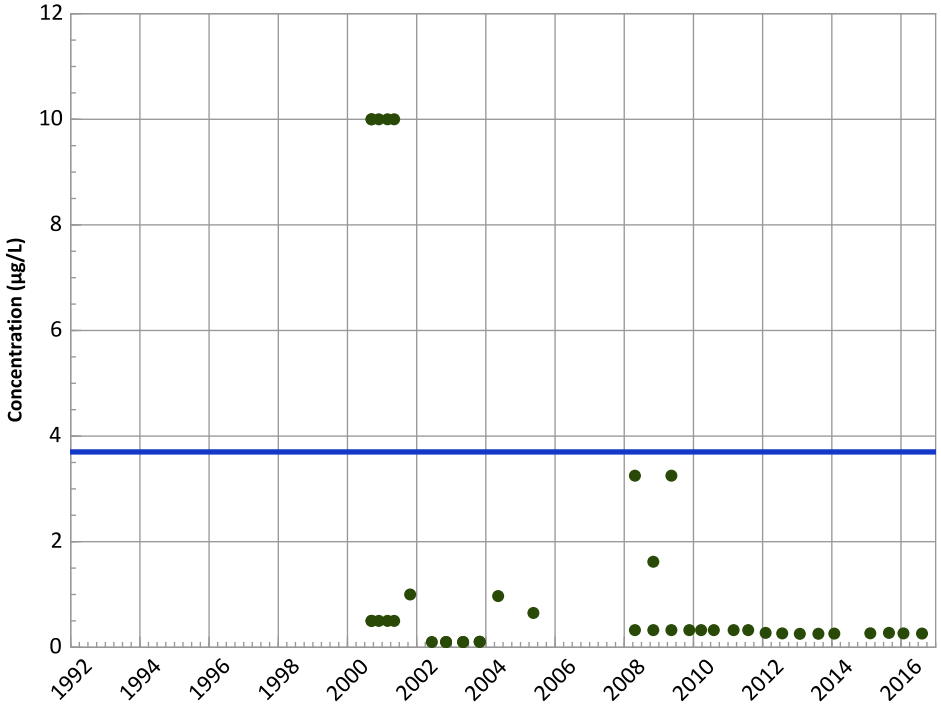
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

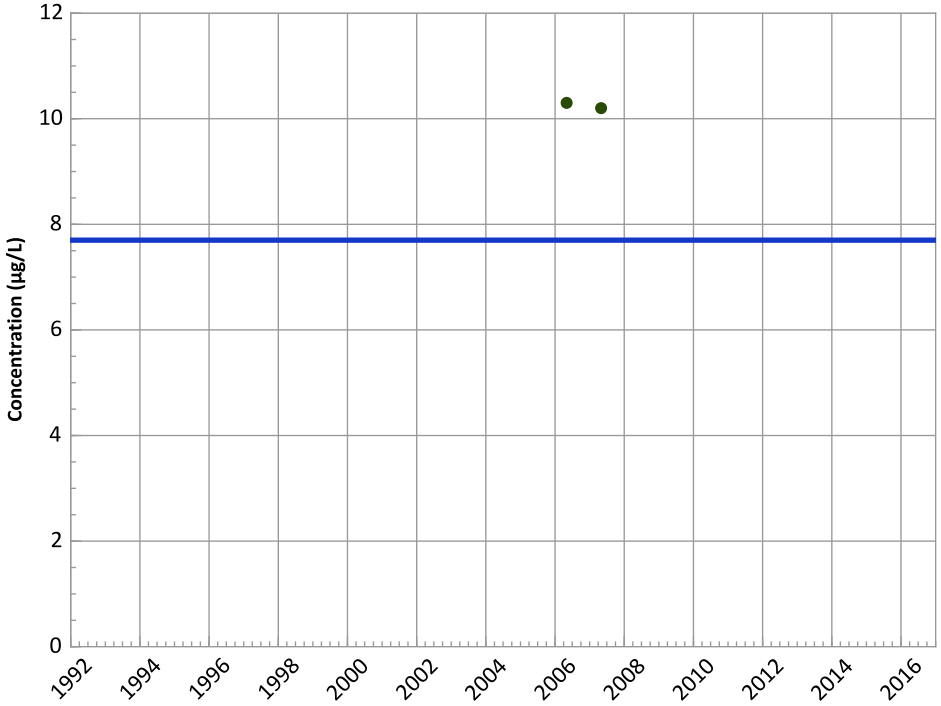


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

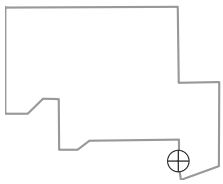
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/11/2000 to 08/10/2016
Analysis Date: 03/07/2017

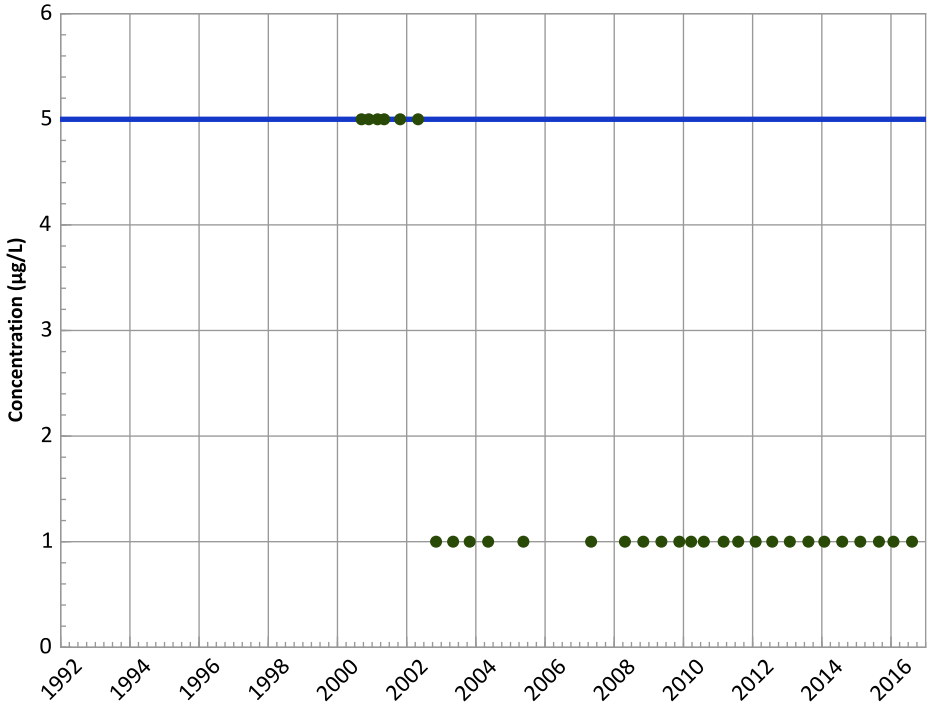
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

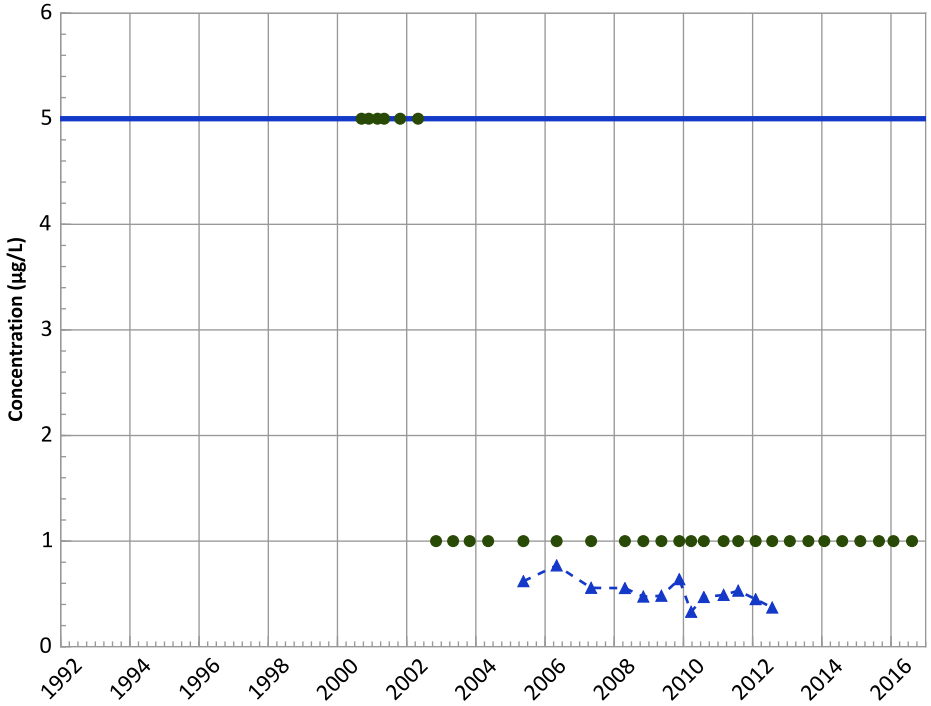


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

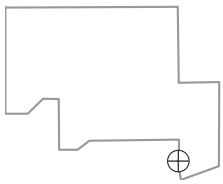
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/11/2000 to 08/10/2016
Analysis Date: 03/07/2017

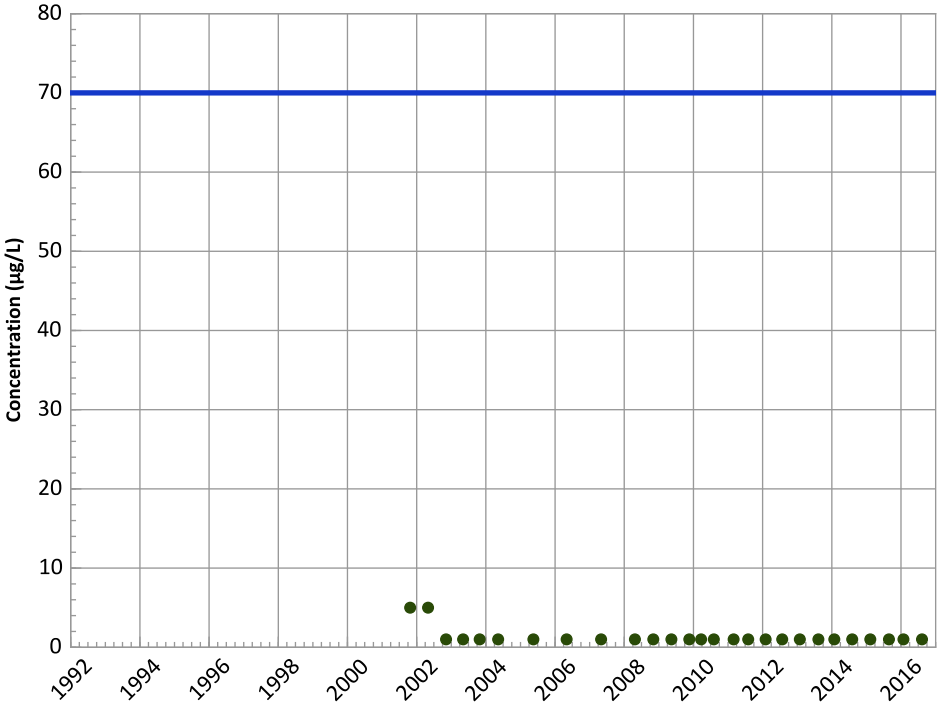
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

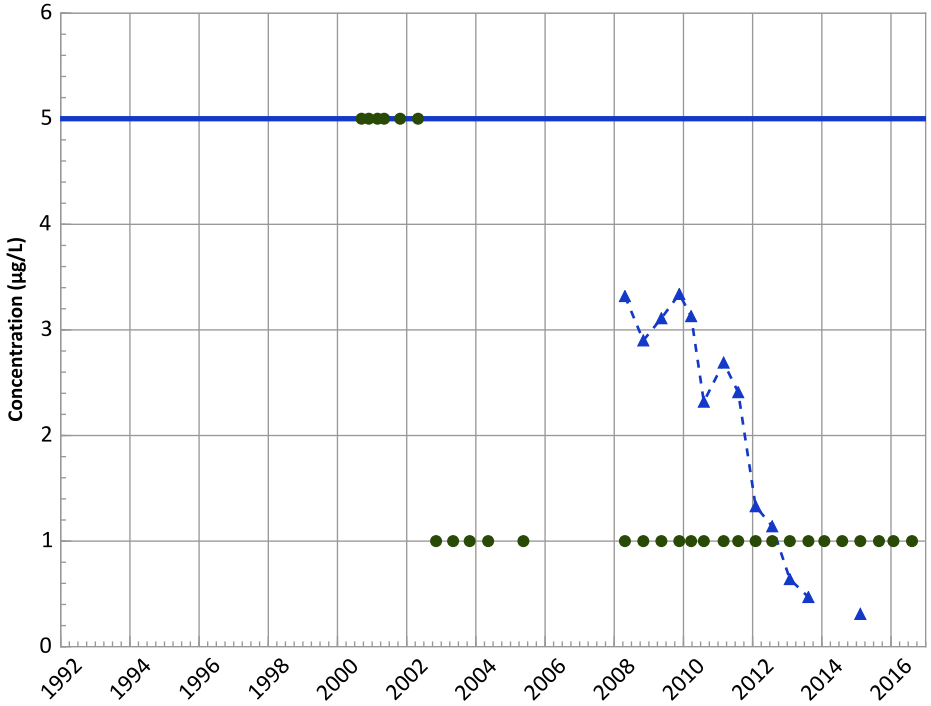


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

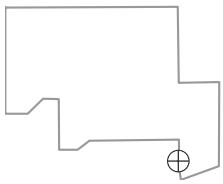
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/11/2000 to 08/10/2016
Analysis Date: 03/07/2017

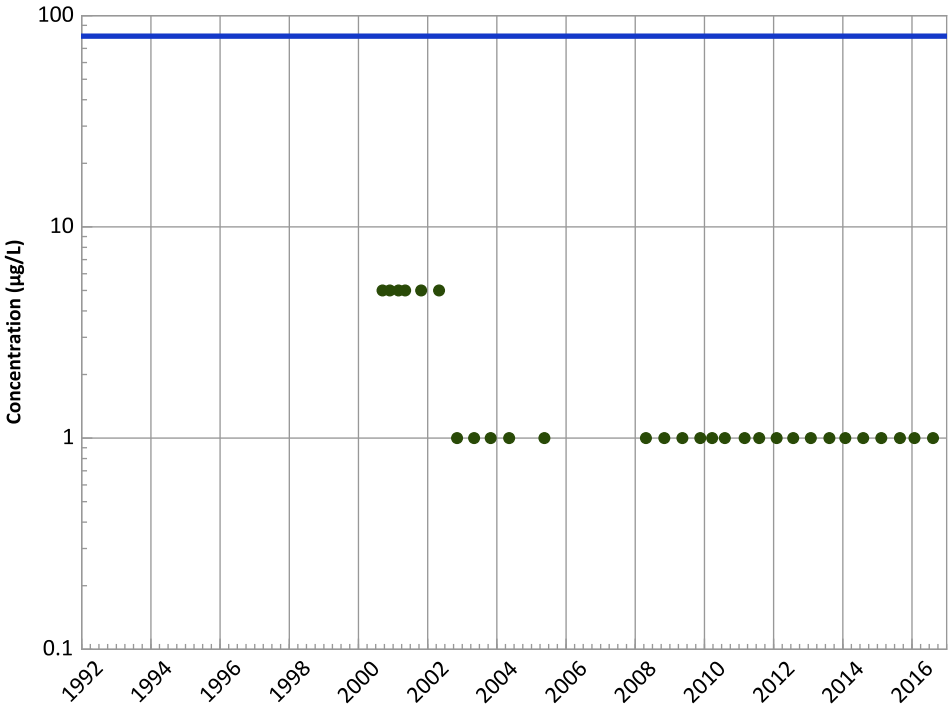
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

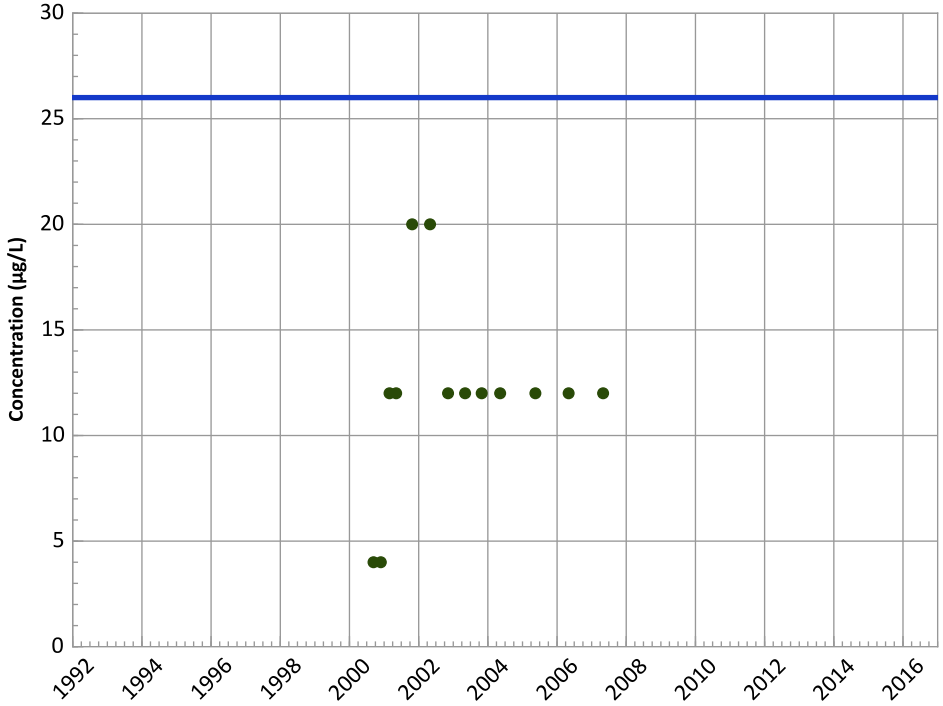


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

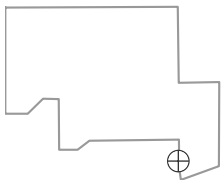
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/11/2000 to 08/10/2016
Analysis Date: 03/07/2017

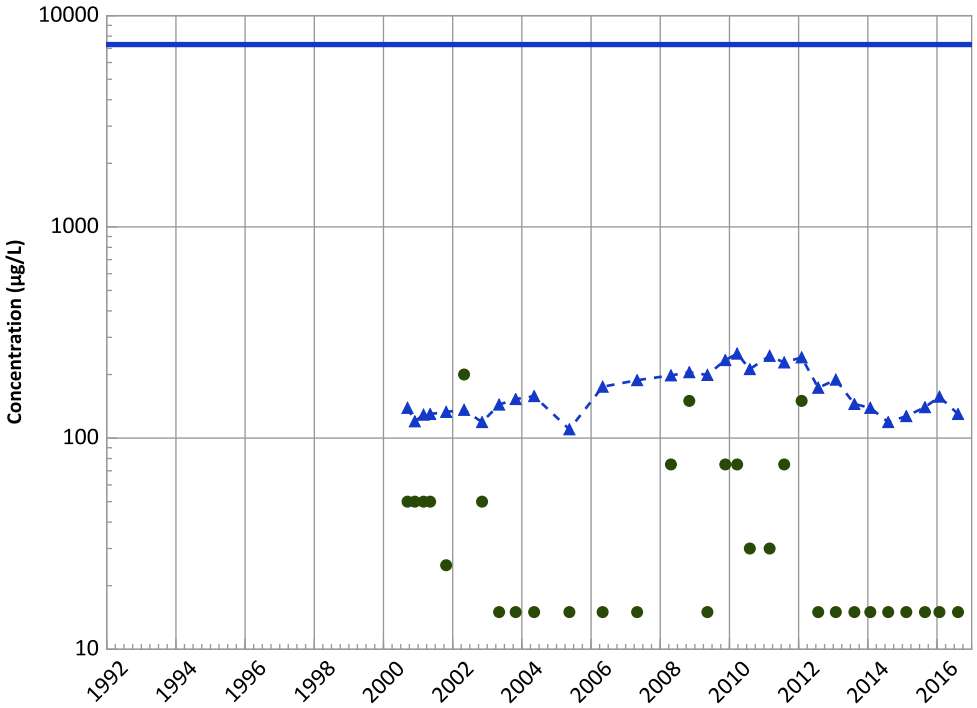
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

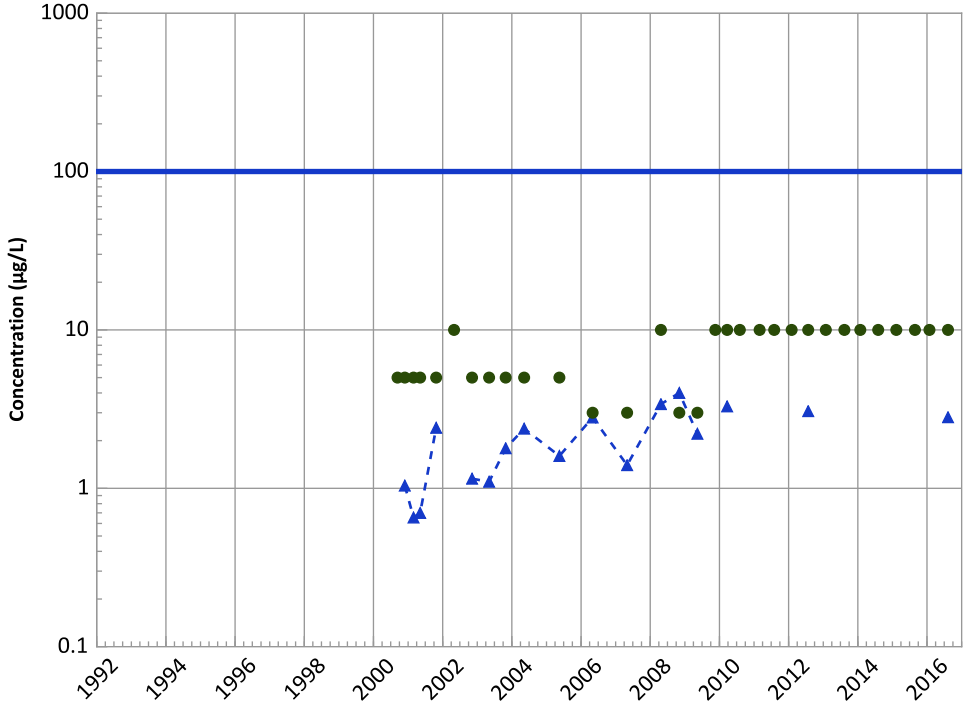


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

Chromium, Total Trend



Concentration Trend

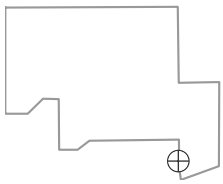
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/11/2000 to 08/10/2016
Analysis Date: 03/07/2017

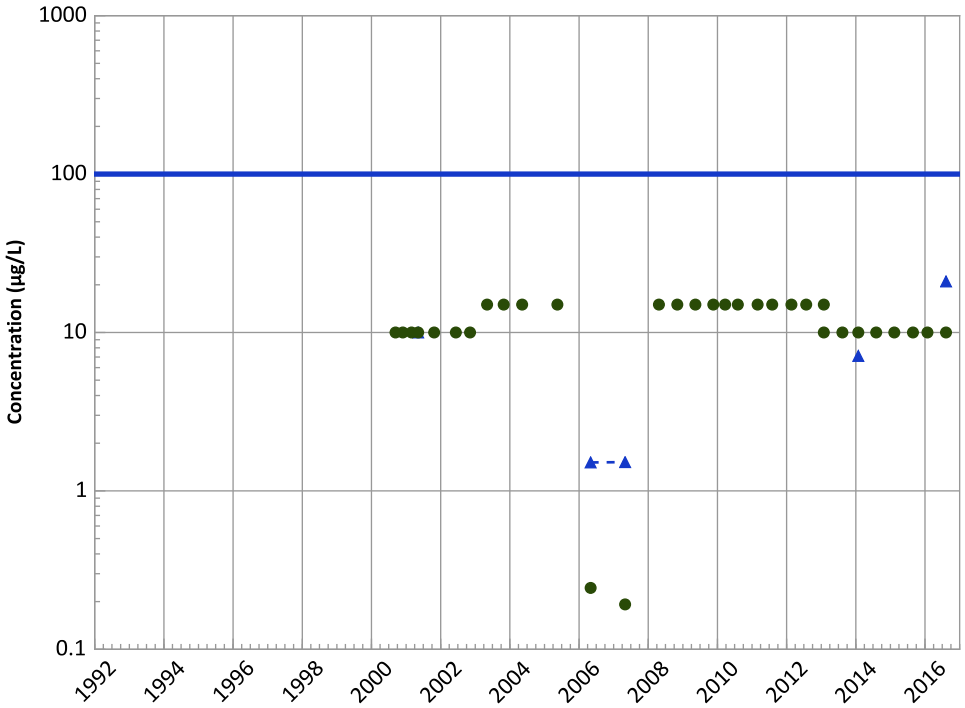
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

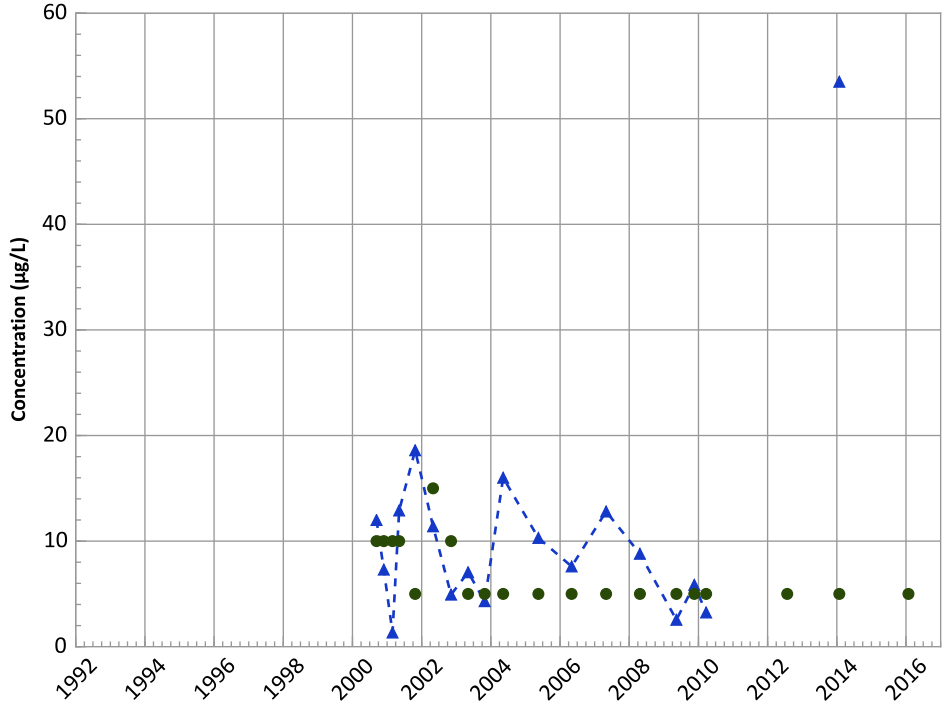


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Manganese Trend



Concentration Trend

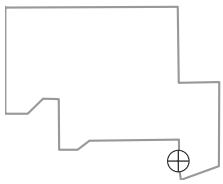
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/11/2000 to 08/10/2016
Analysis Date: 03/07/2017

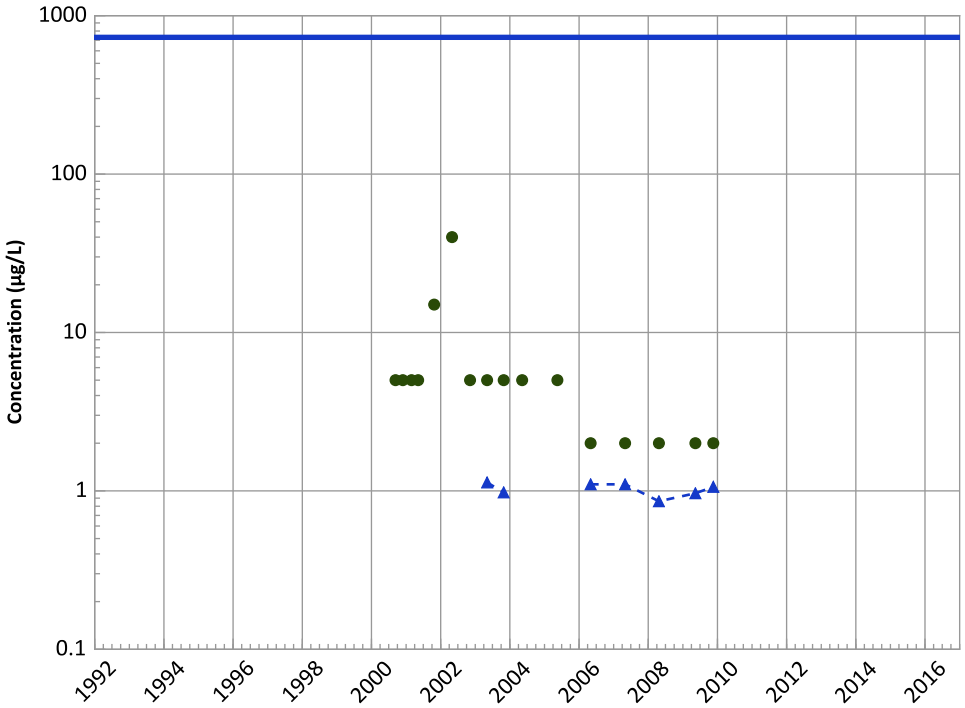
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

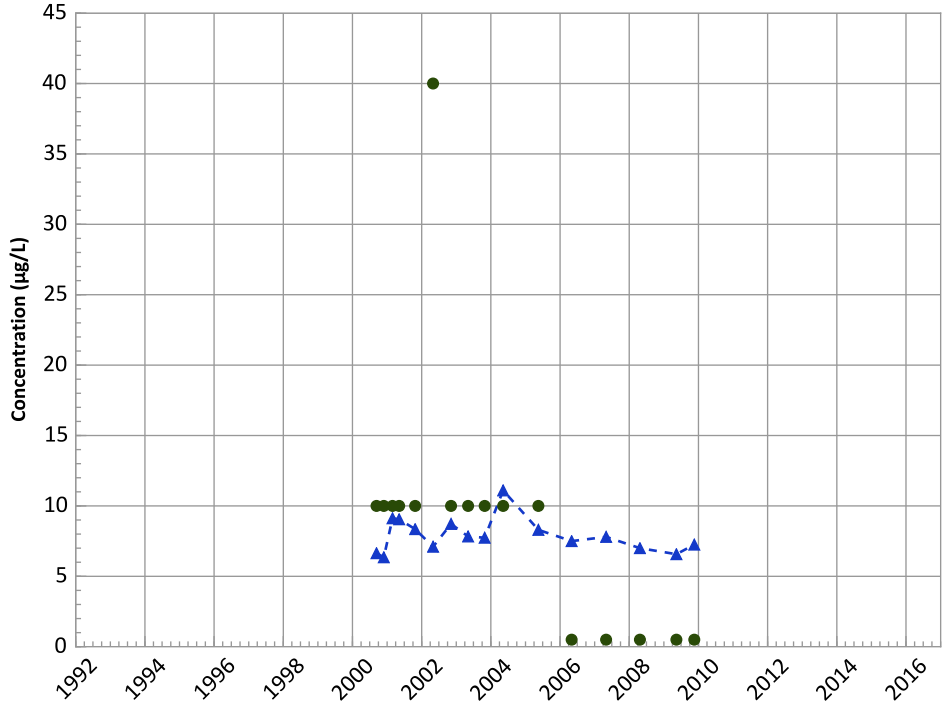


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Molybdenum Trend



Concentration Trend

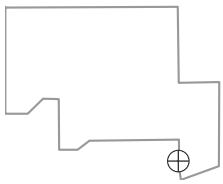
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/11/2000 to 08/10/2016
Analysis Date: 03/07/2017

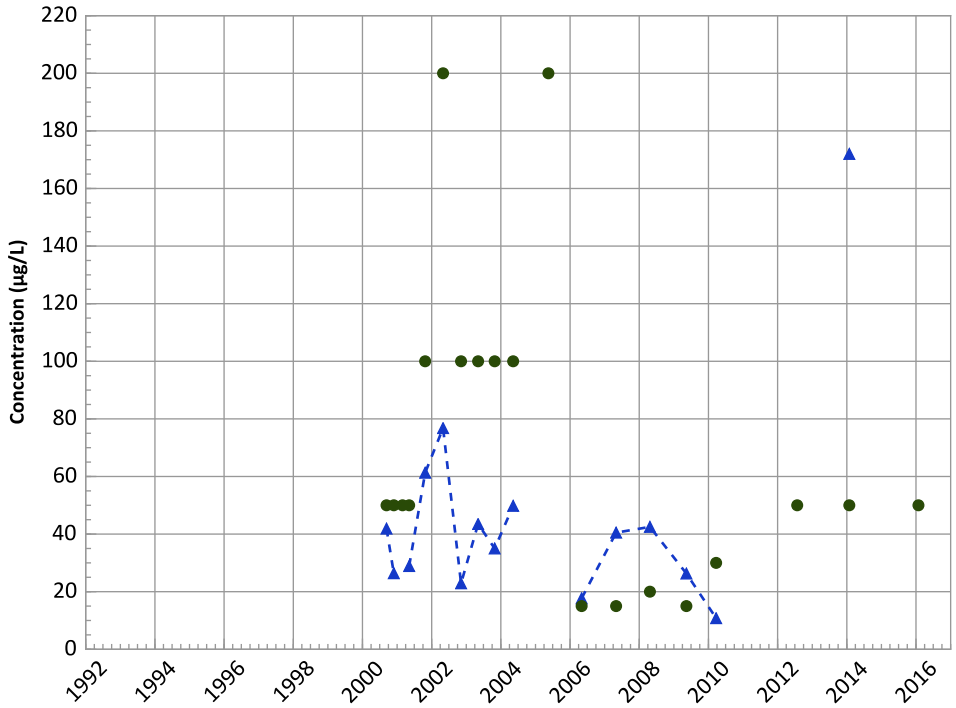
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

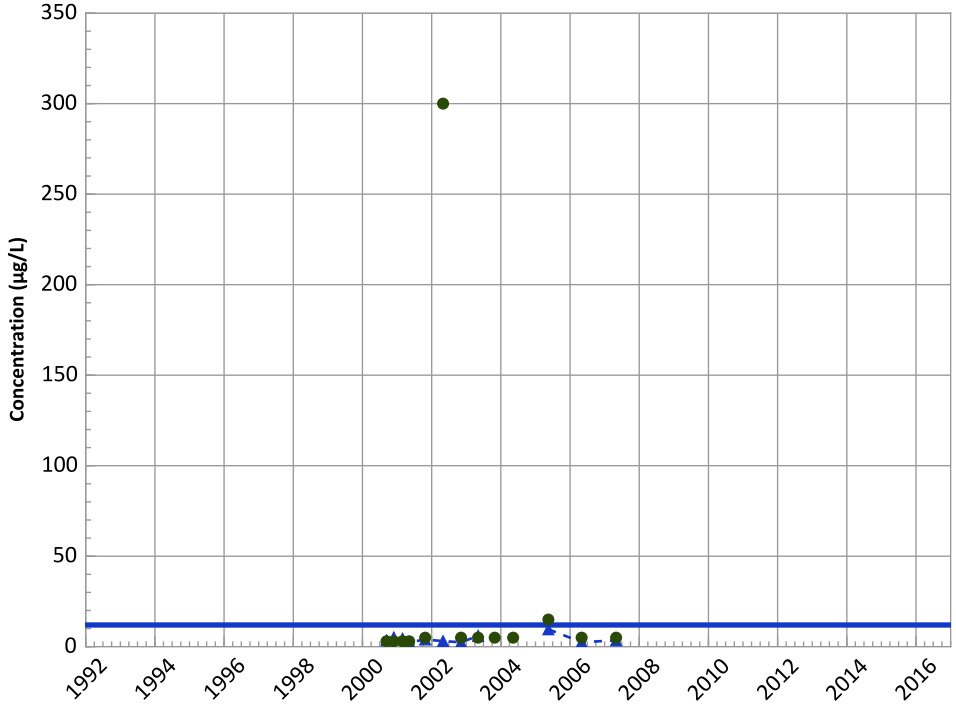


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Arsenic Trend



Concentration Trend

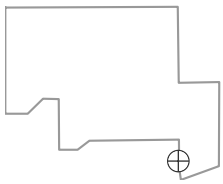
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/11/2000 to 08/10/2016
Analysis Date: 03/07/2017

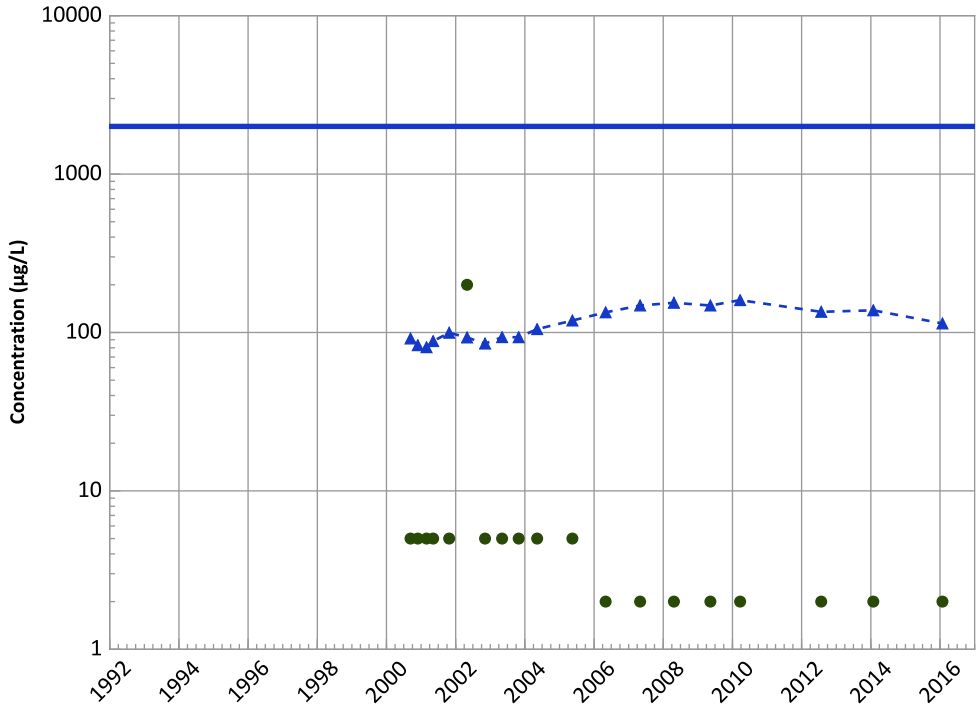
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

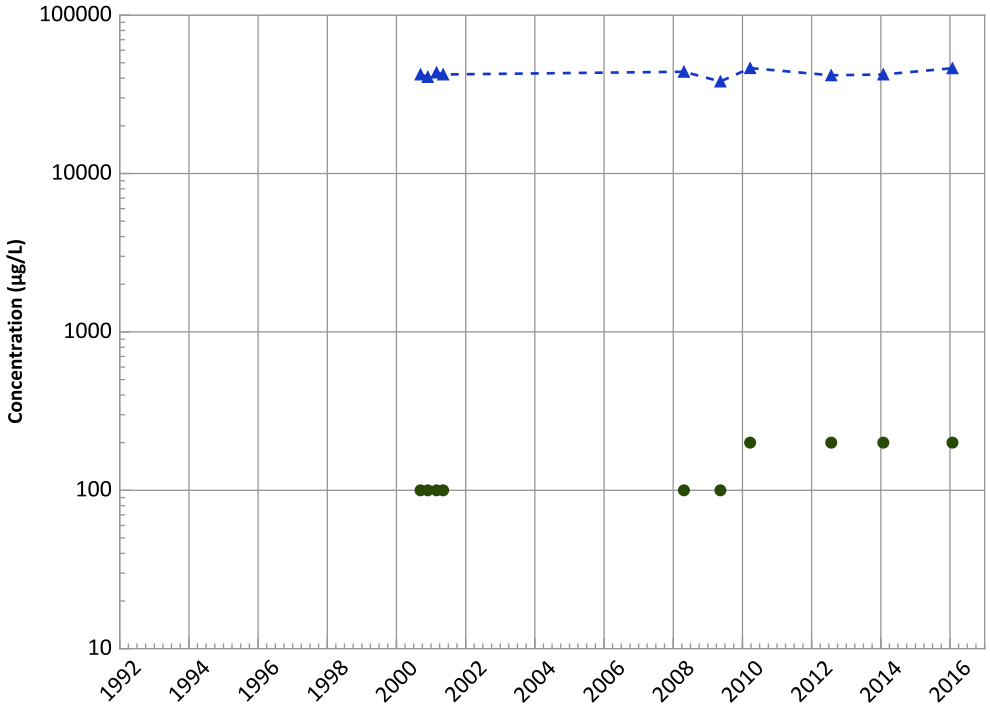


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Calcium Trend



Concentration Trend

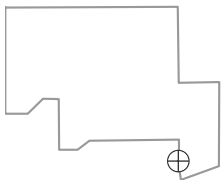
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/11/2000 to 08/10/2016
Analysis Date: 03/07/2017

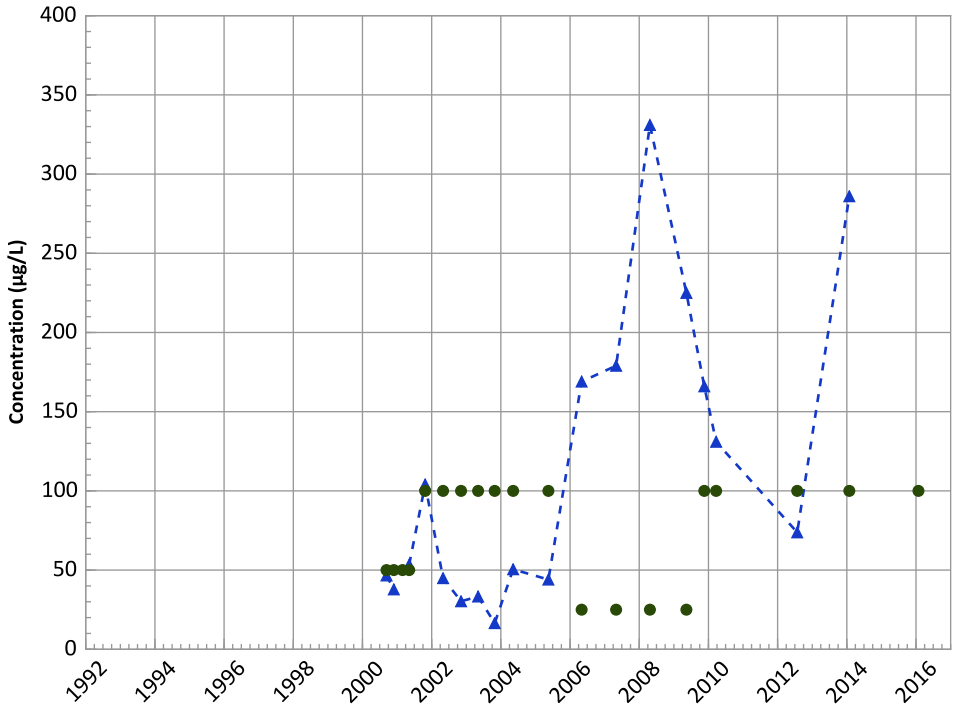
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

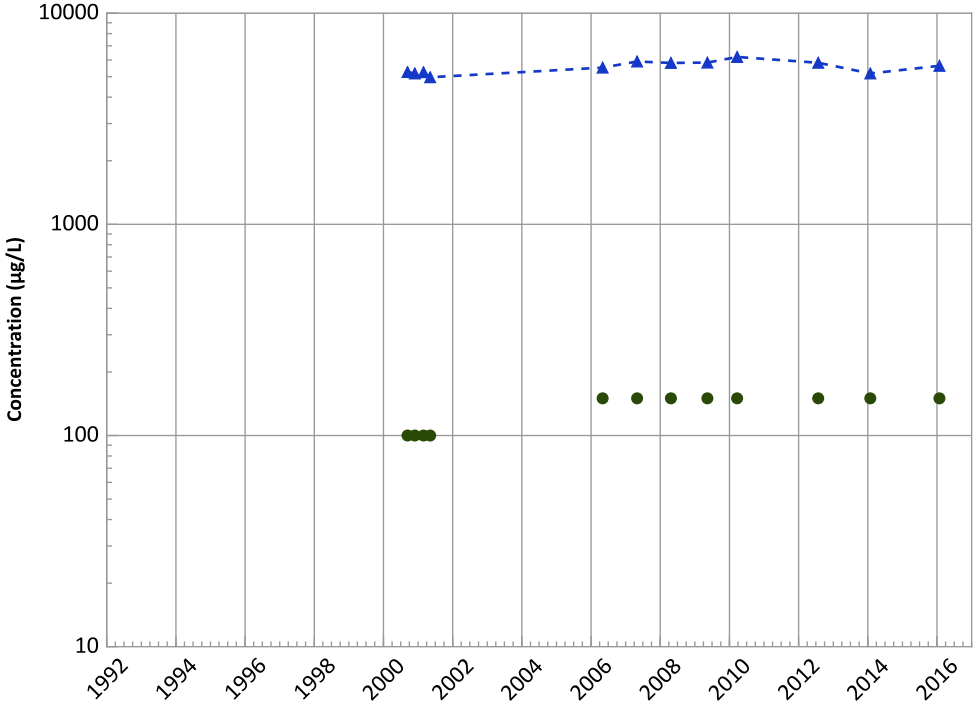


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Potassium Trend



Concentration Trend

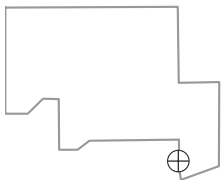
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/11/2000 to 08/10/2016
Analysis Date: 03/07/2017

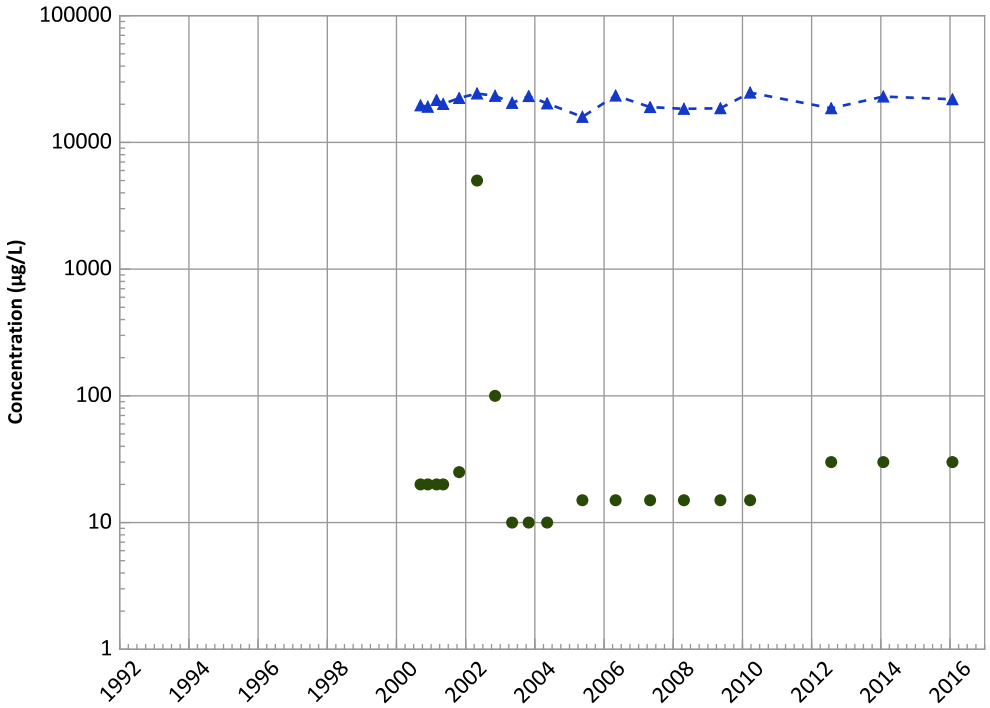
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

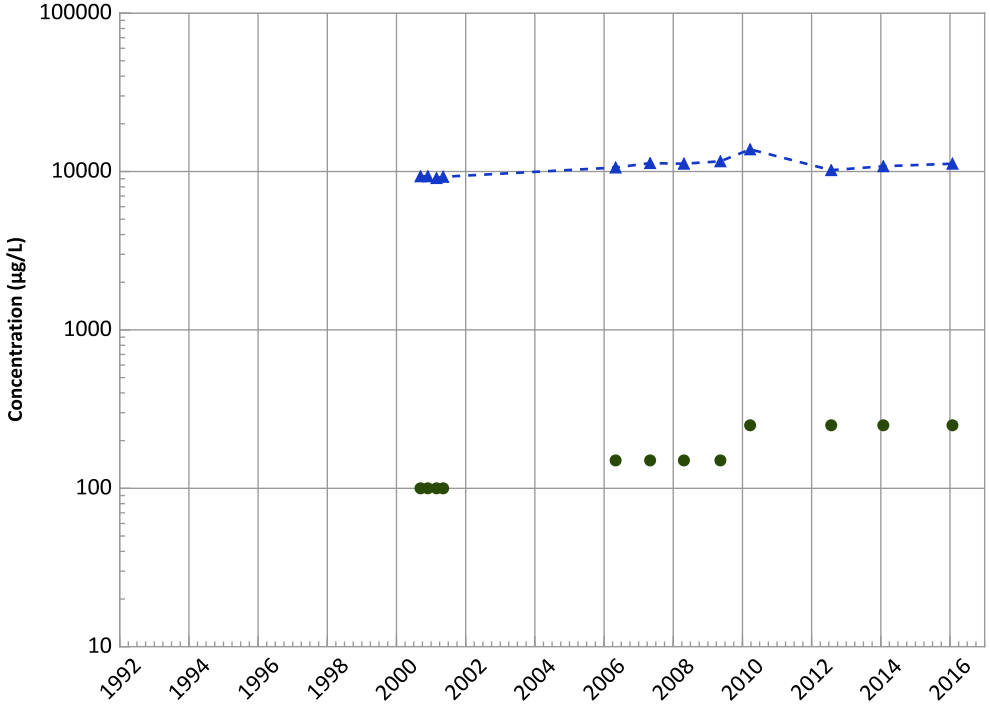


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Sodium Trend



Concentration Trend

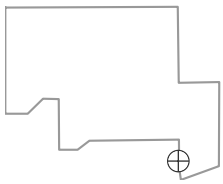
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

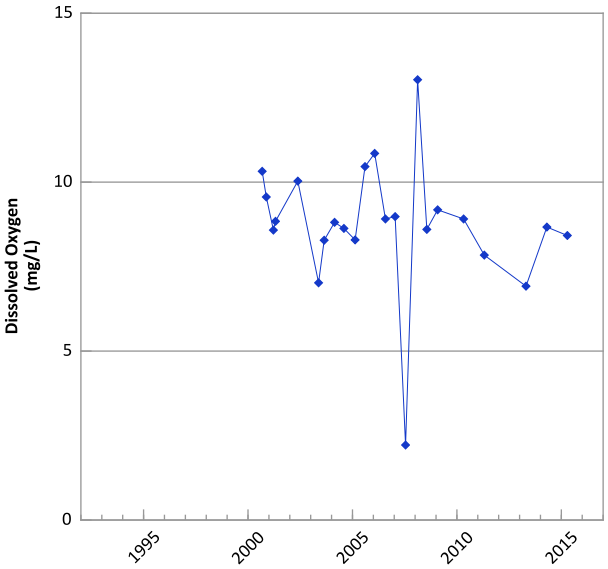
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/11/2000 to 08/10/2016
Analysis Date: 03/07/2017

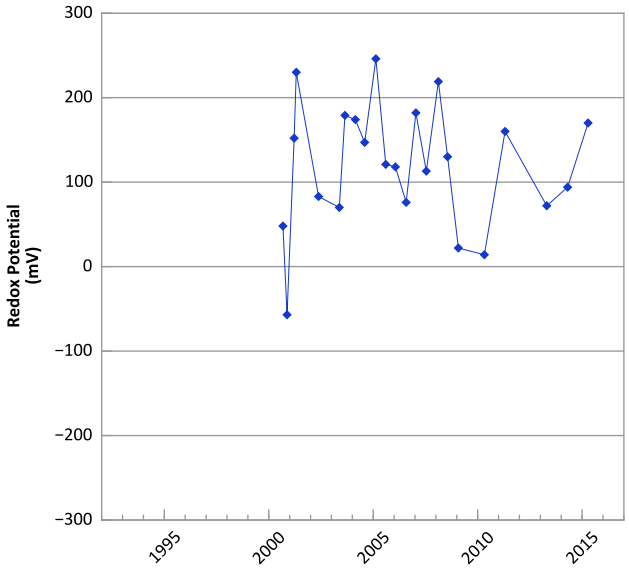
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

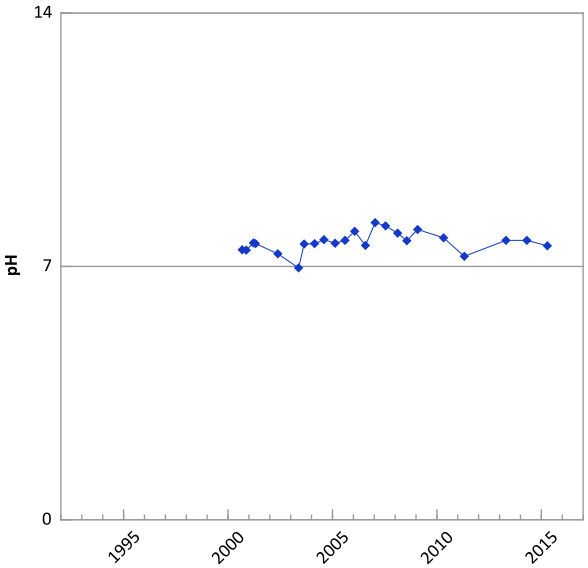
Well Location

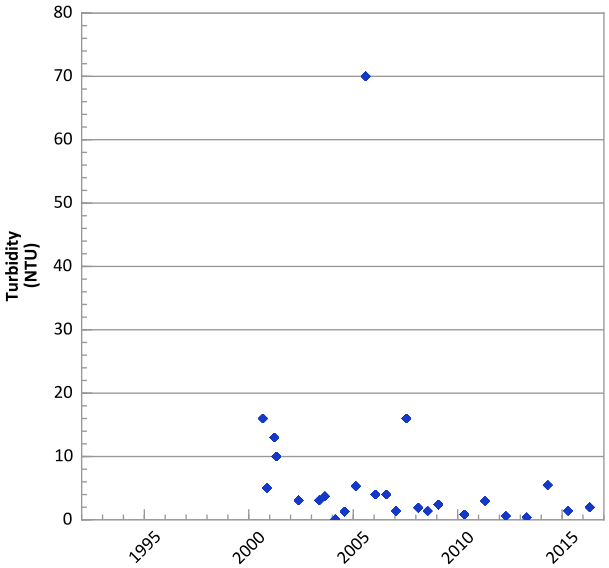


PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



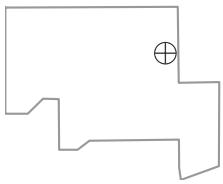






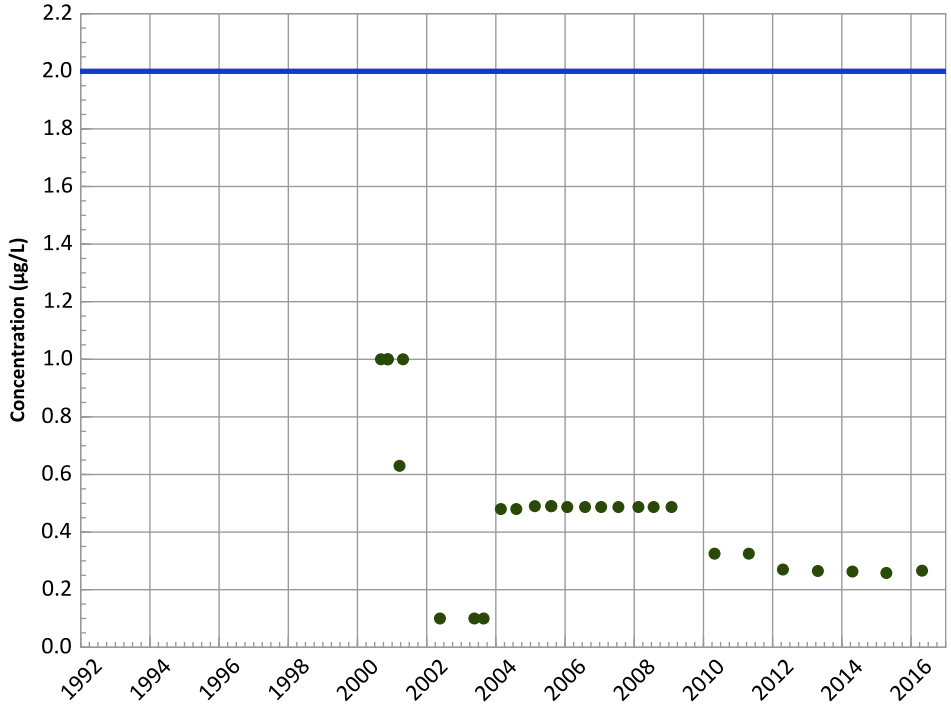
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 04/27/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

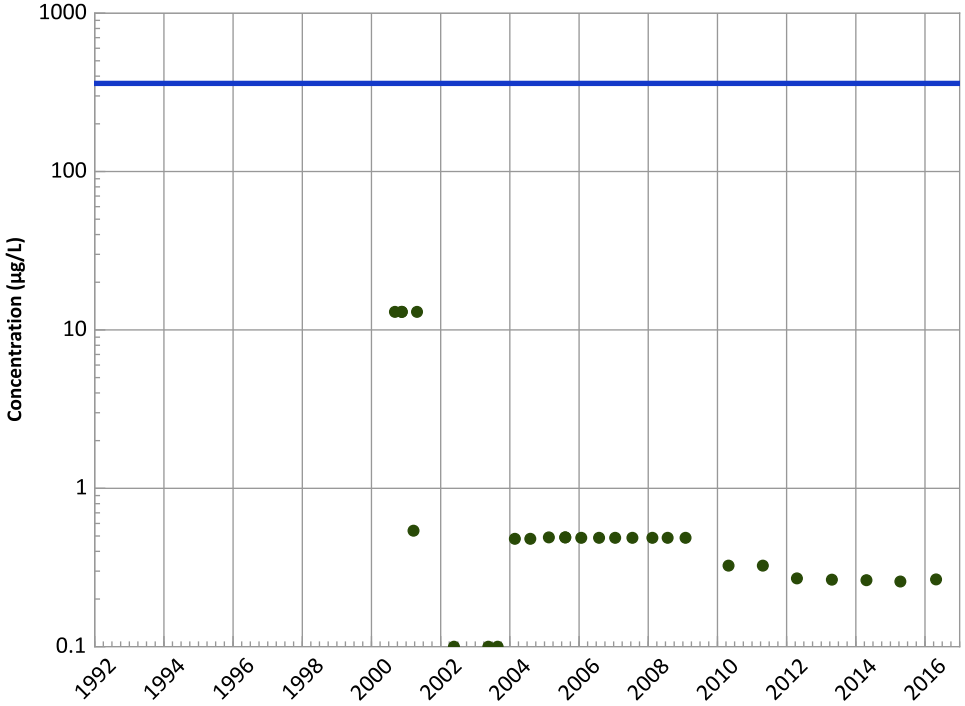


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

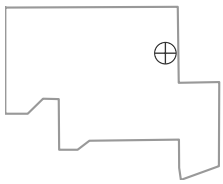
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 04/27/2016
Analysis Date: 03/07/2017

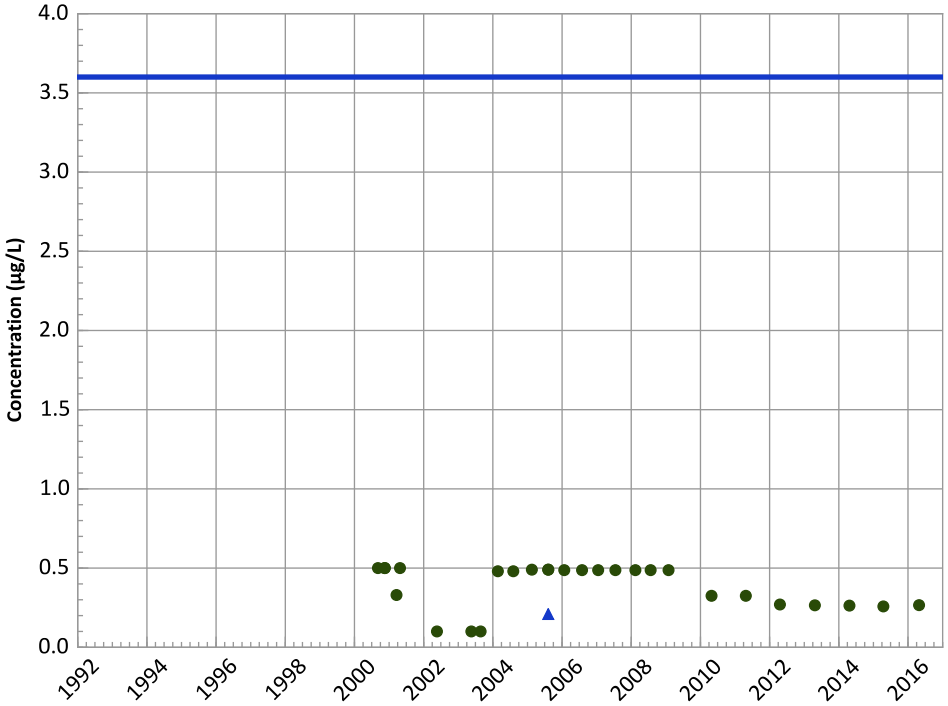
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

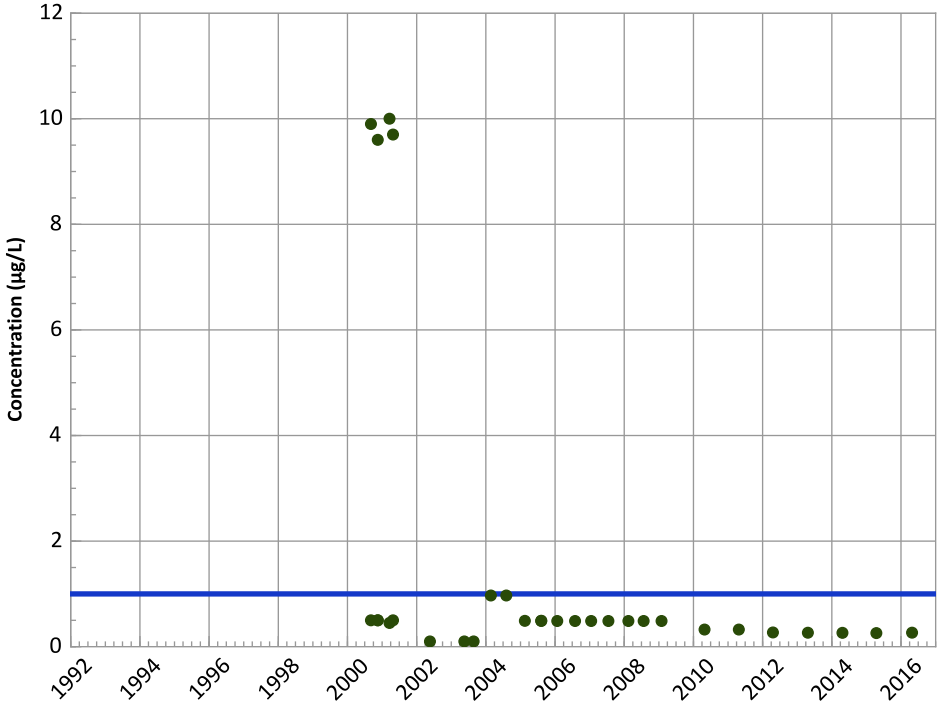


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

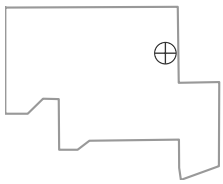
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 04/27/2016
Analysis Date: 03/07/2017

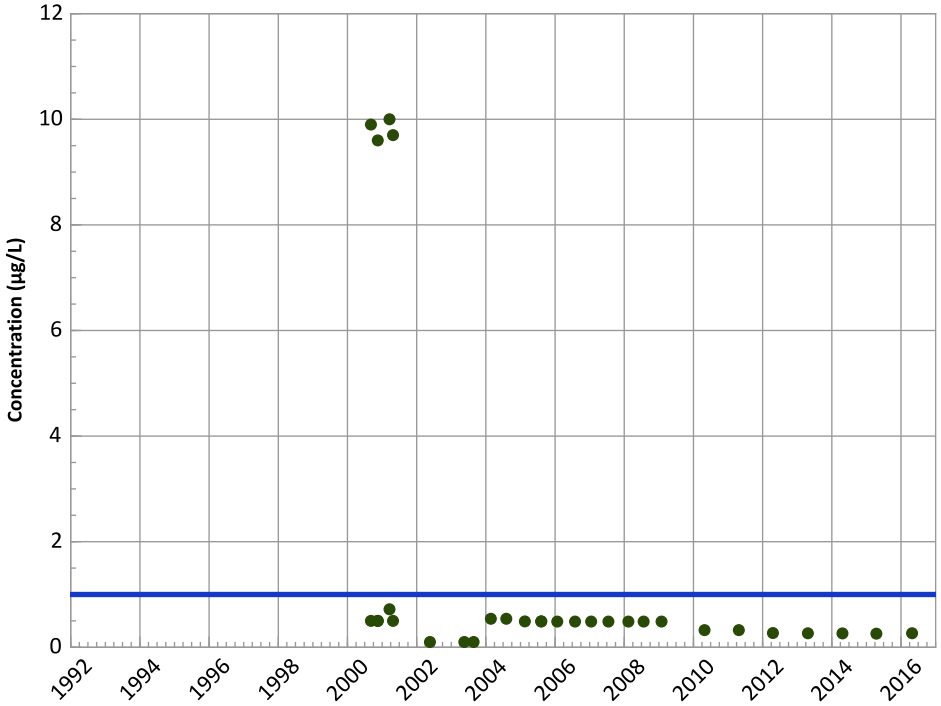
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

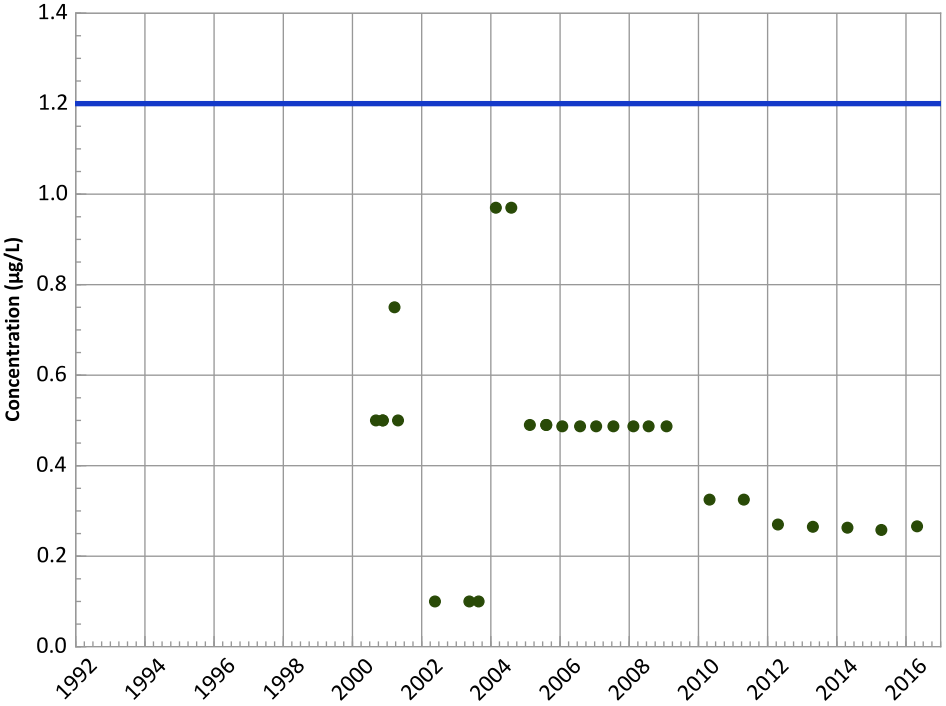


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

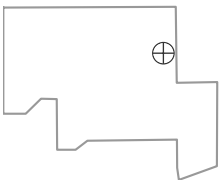
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 04/27/2016
Analysis Date: 03/07/2017

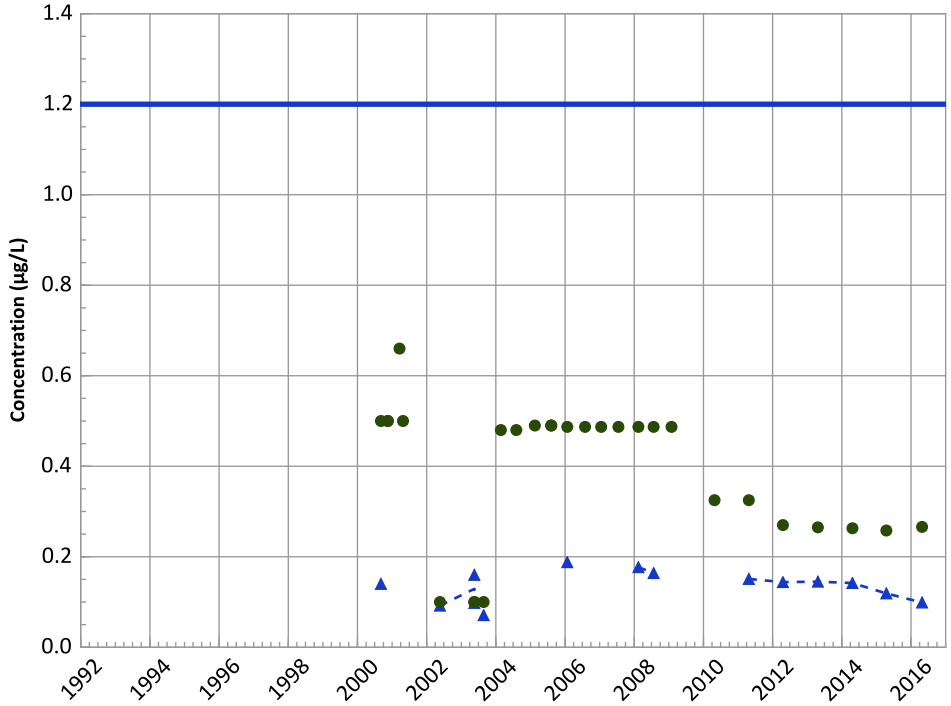
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

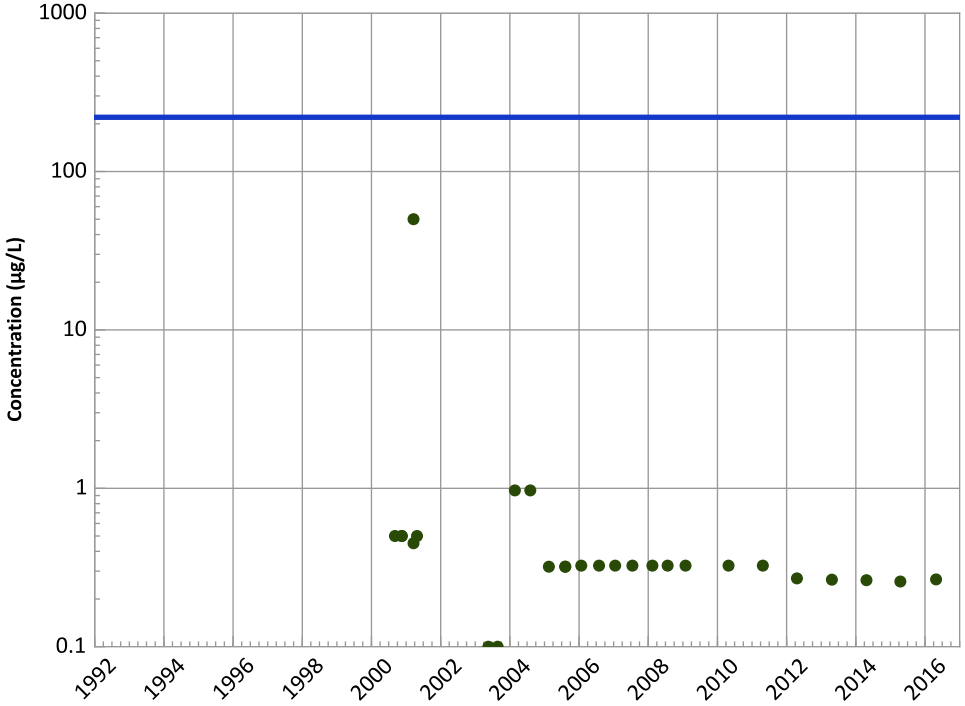


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

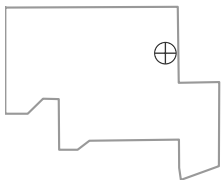
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 04/27/2016
Analysis Date: 03/07/2017

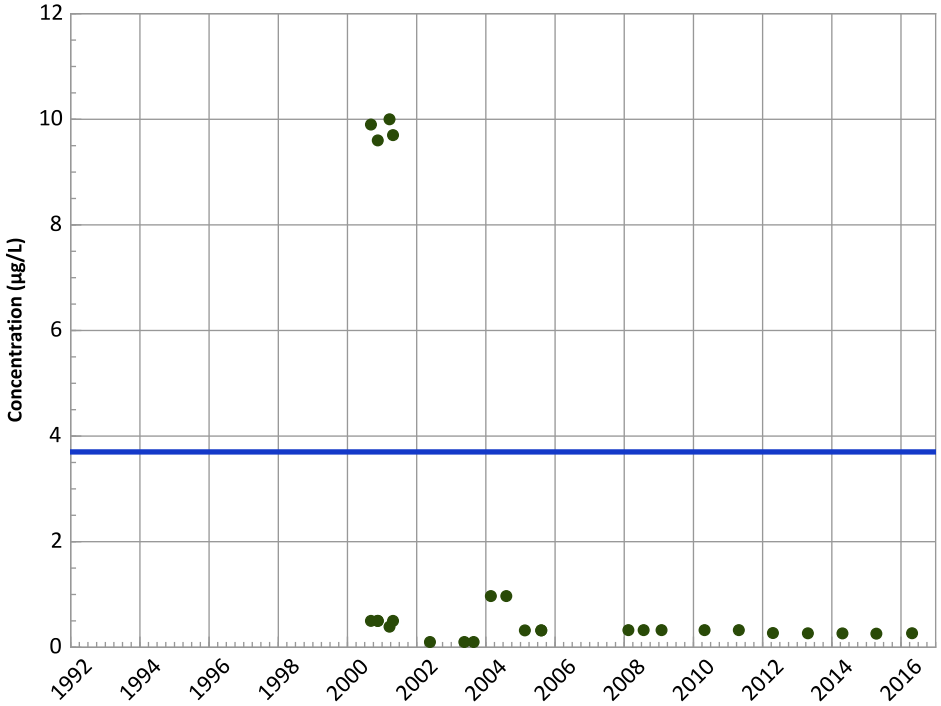
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

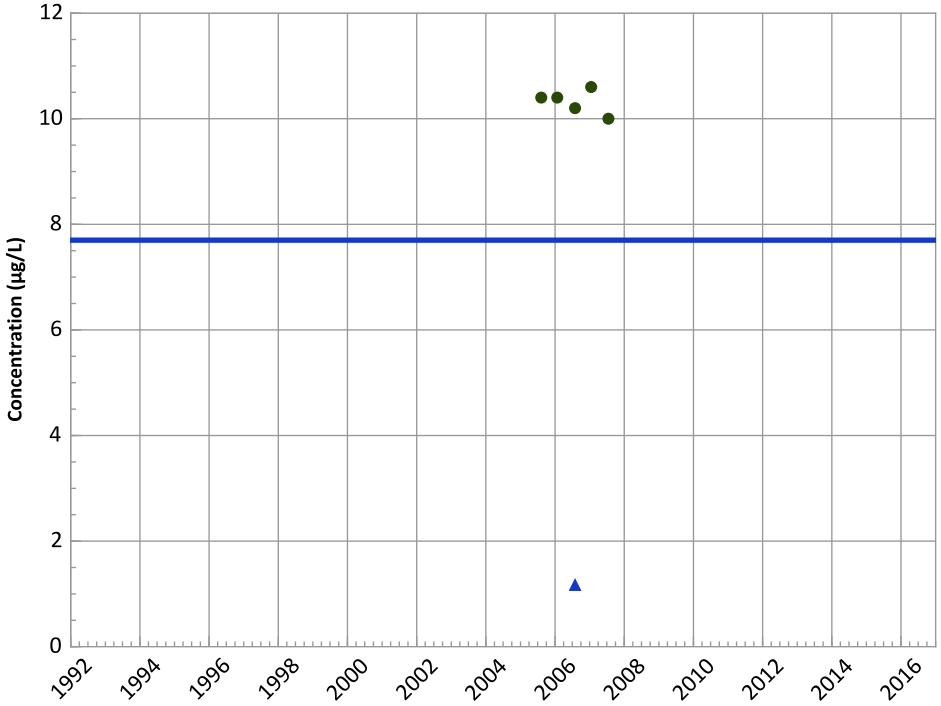


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

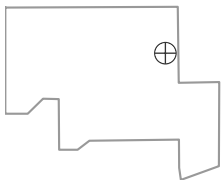
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 04/27/2016
Analysis Date: 03/07/2017

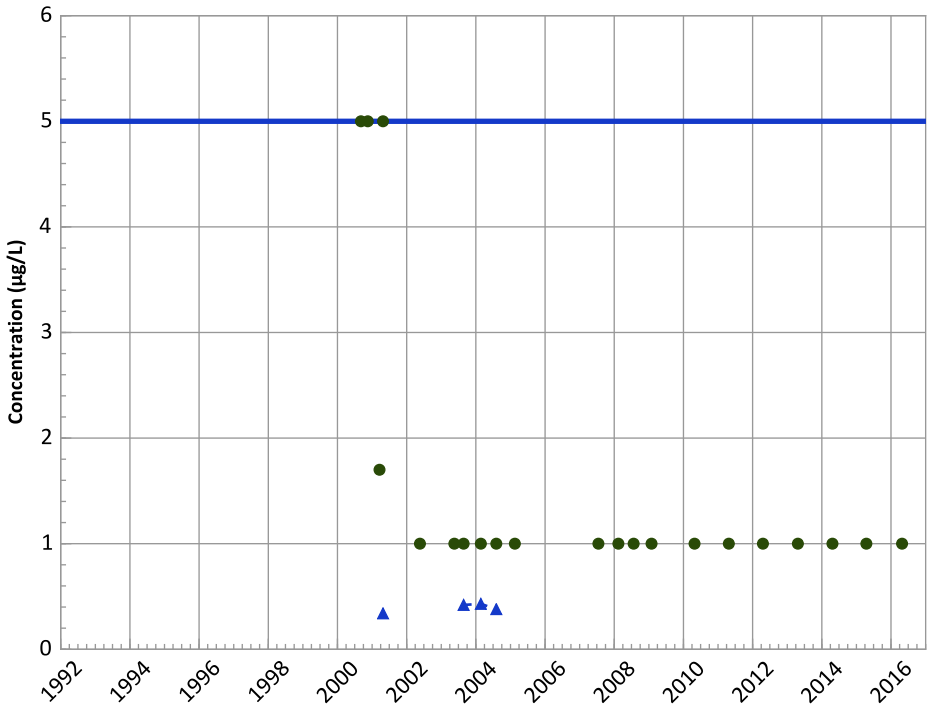
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

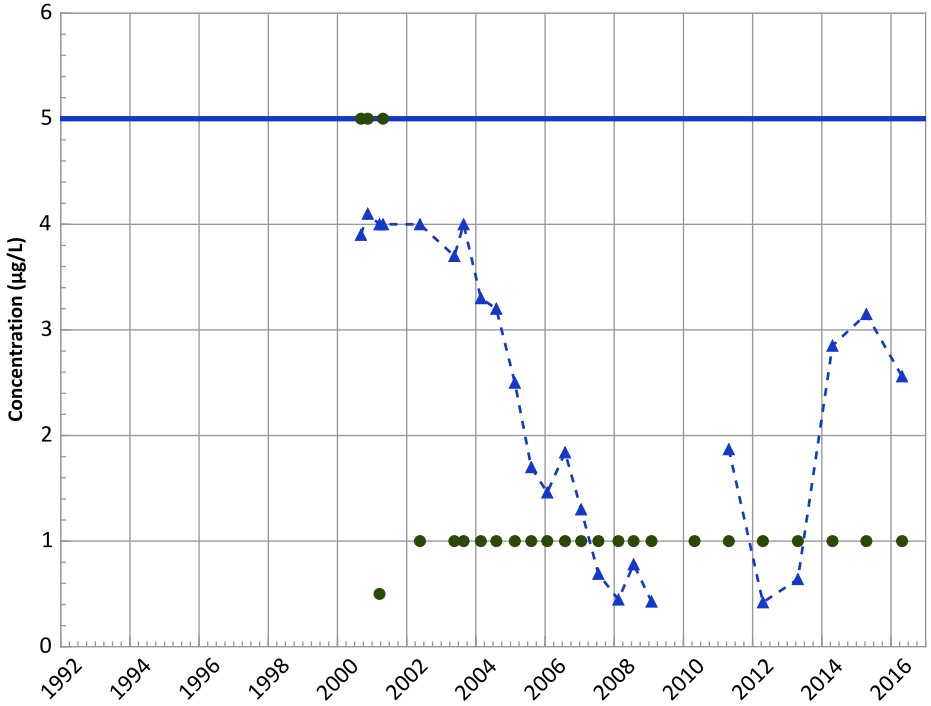


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
No Trend

Trichloroethene Trend



Concentration Trend

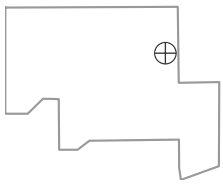
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 04/27/2016
Analysis Date: 03/07/2017

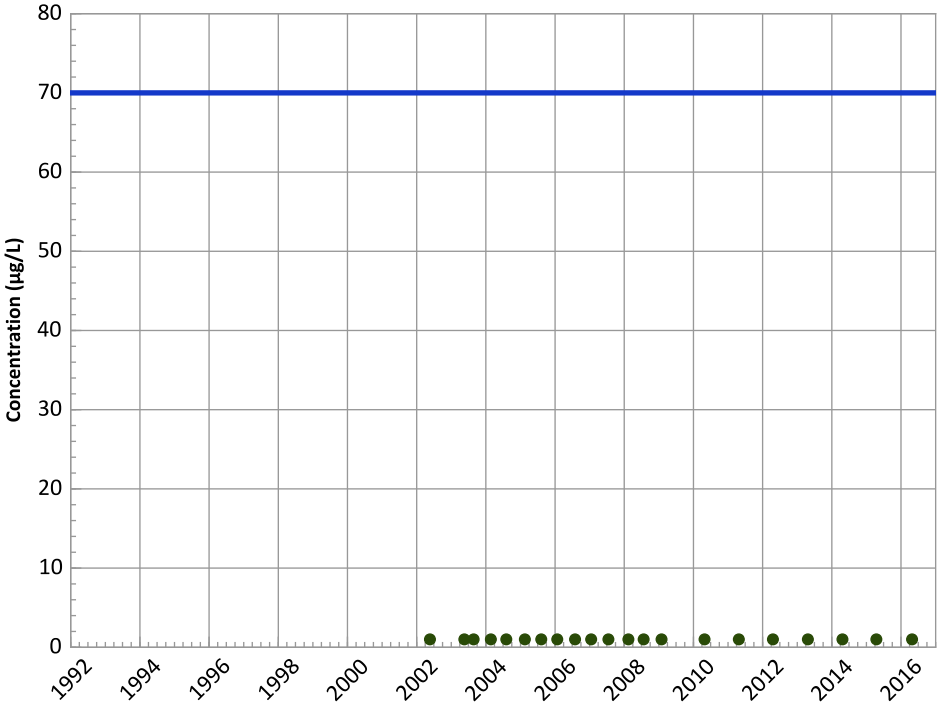
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

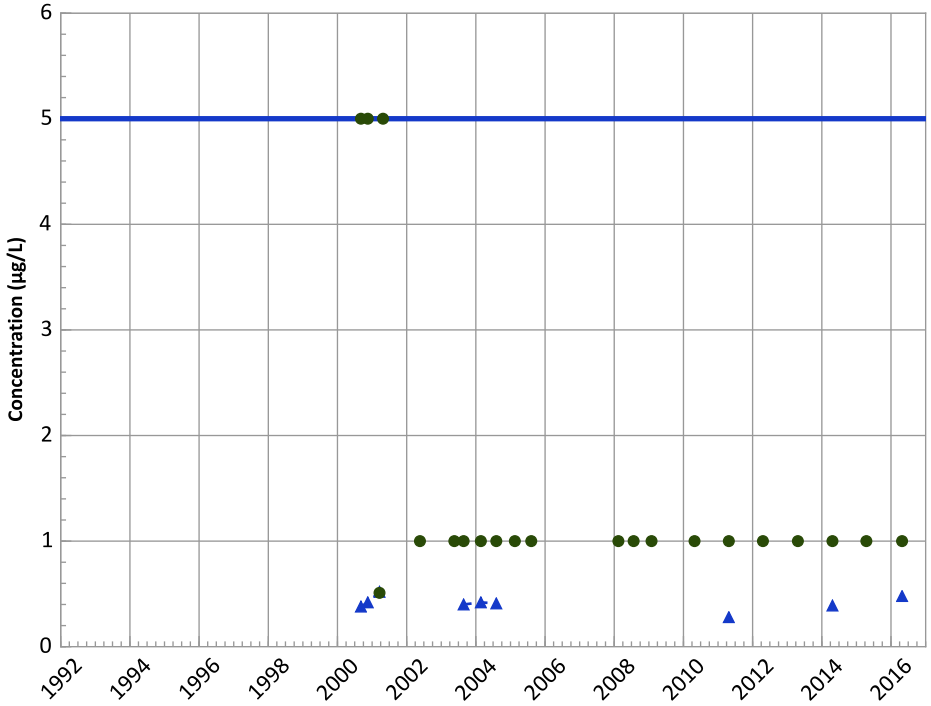


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

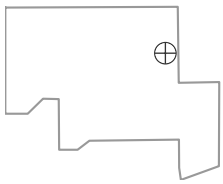
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 04/27/2016
Analysis Date: 03/07/2017

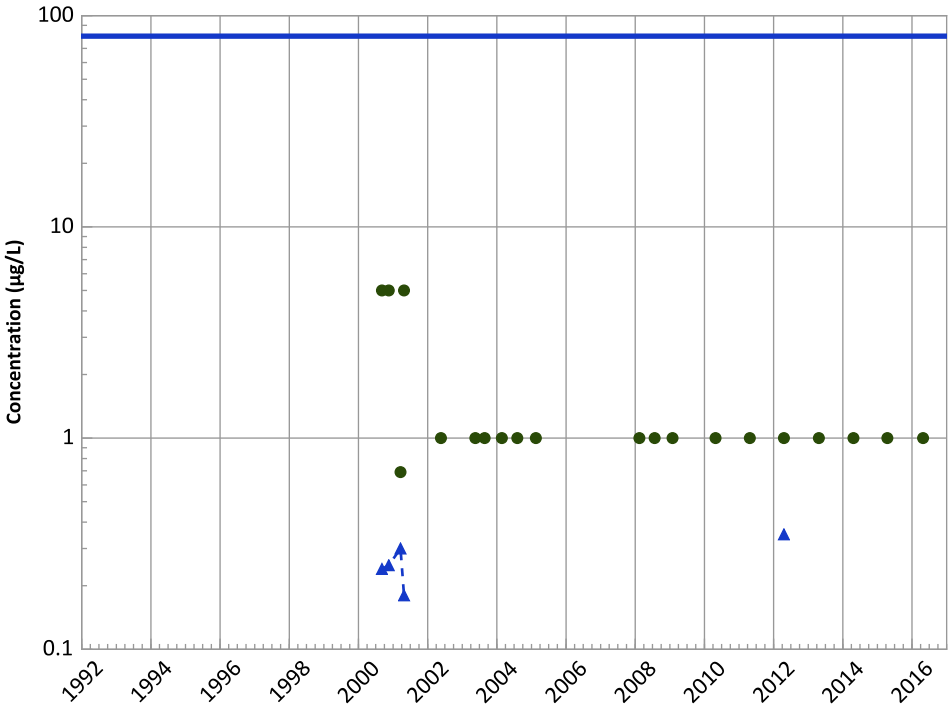
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

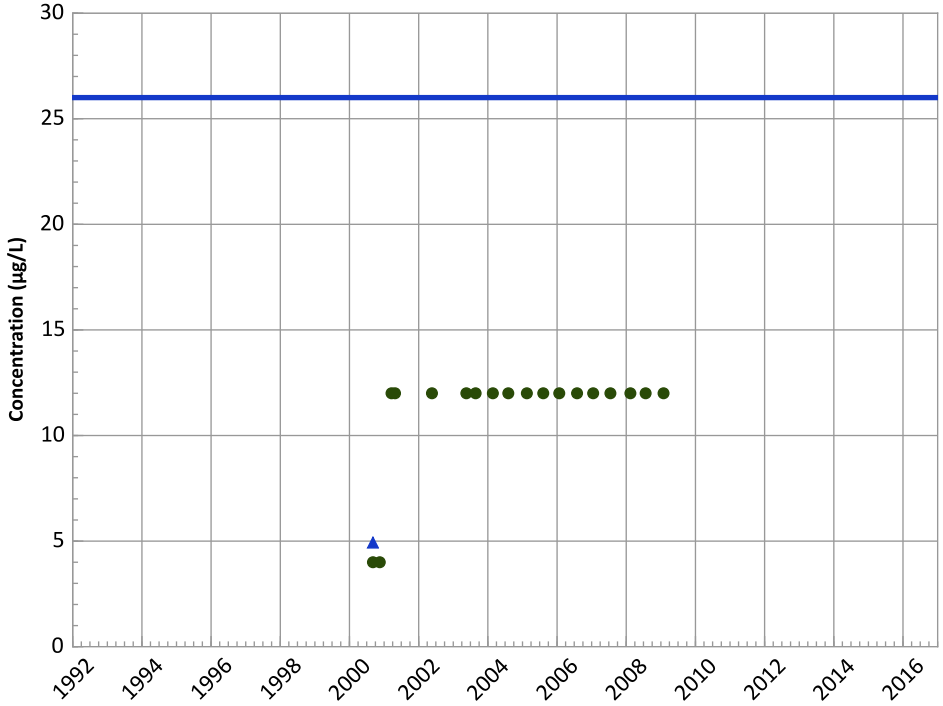


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Perchlorate Trend



Concentration Trend

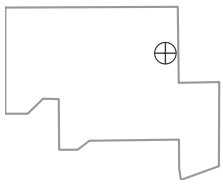
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 04/27/2016
Analysis Date: 03/07/2017

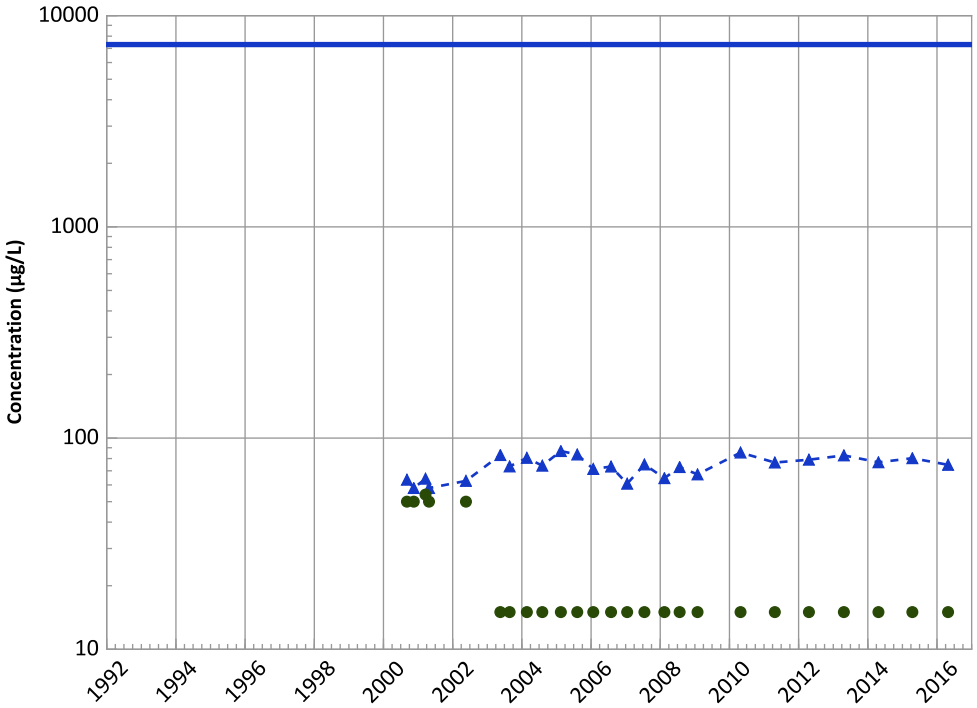
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

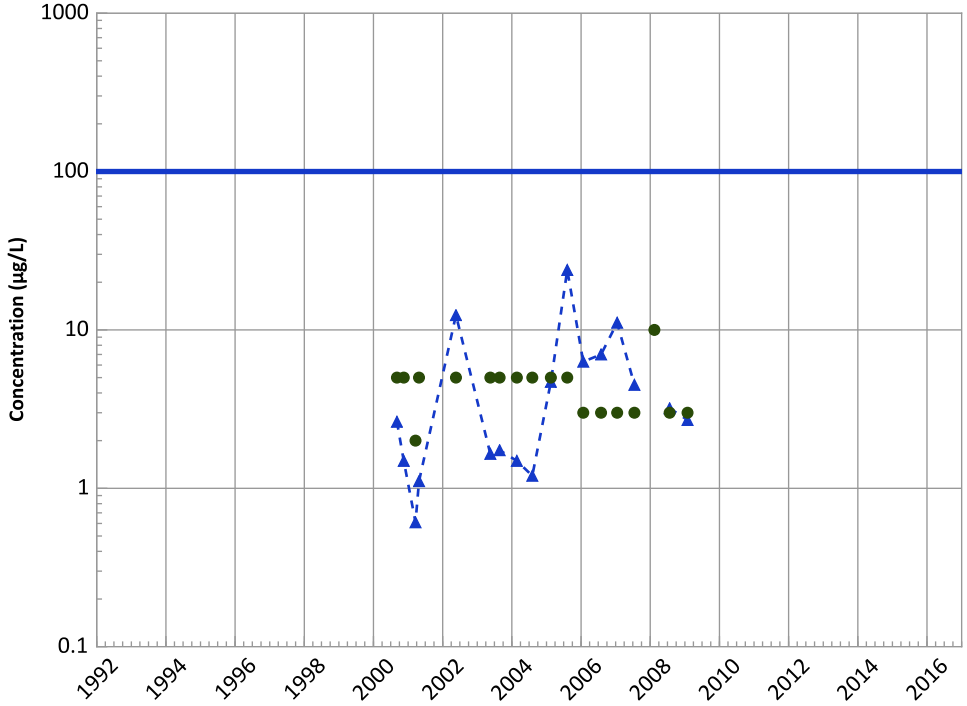


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Chromium, Total Trend



Concentration Trend

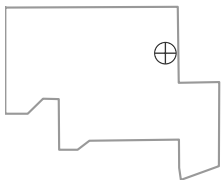
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 04/27/2016
Analysis Date: 03/07/2017

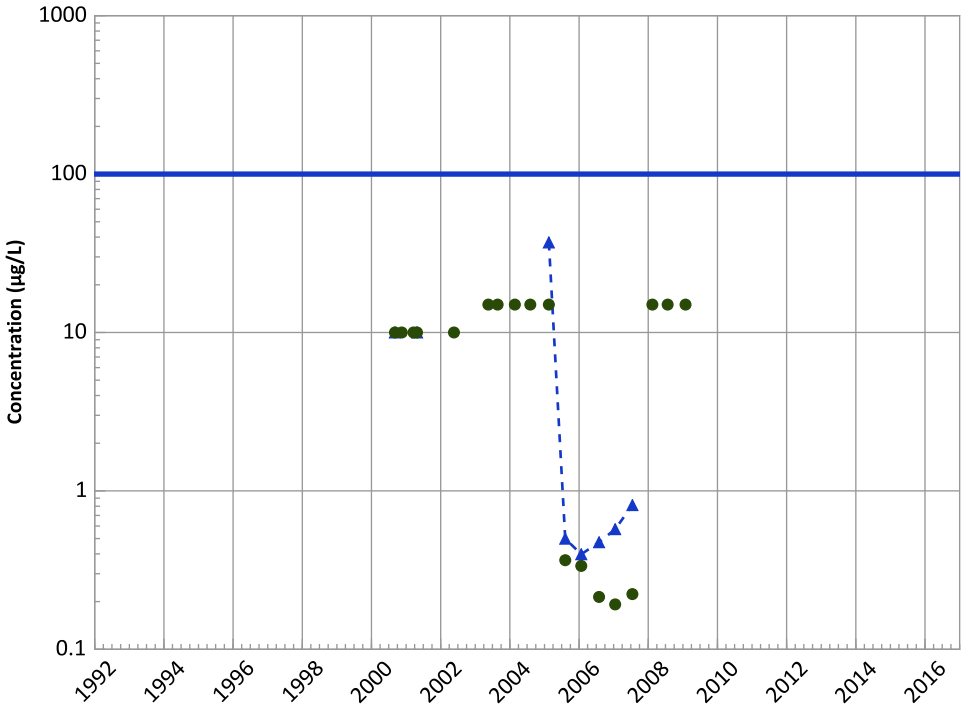
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

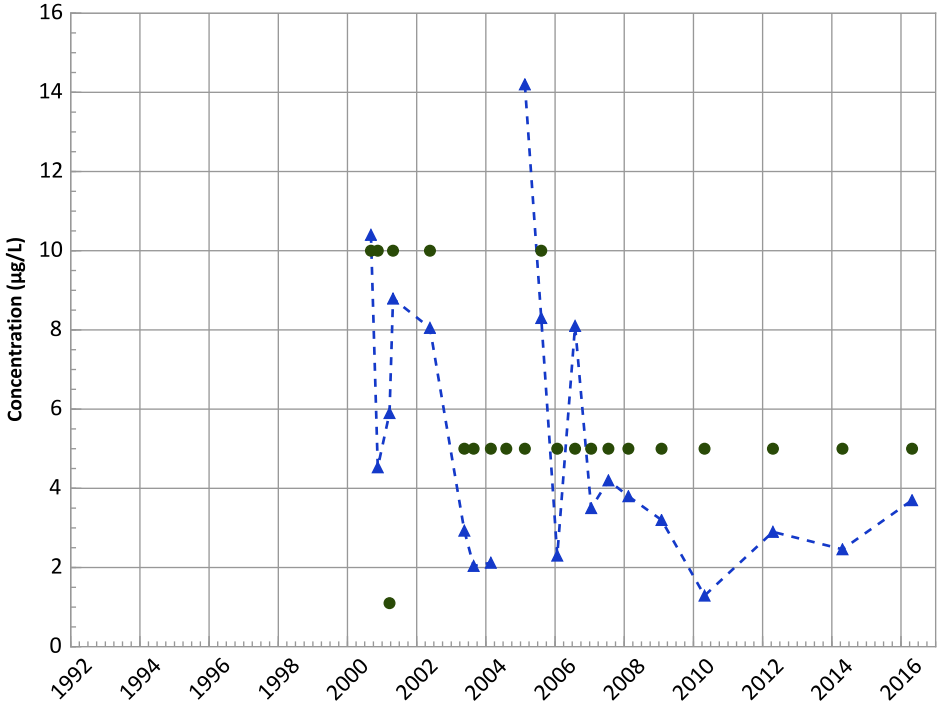


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Manganese Trend



Concentration Trend

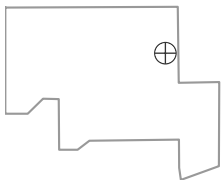
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 04/27/2016
Analysis Date: 03/07/2017

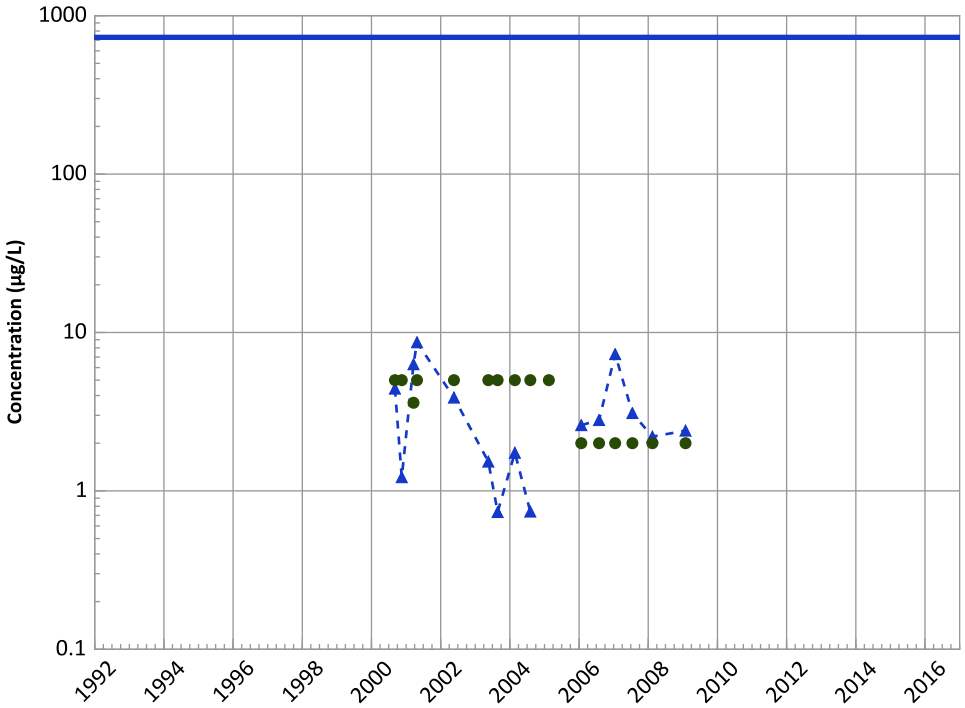
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

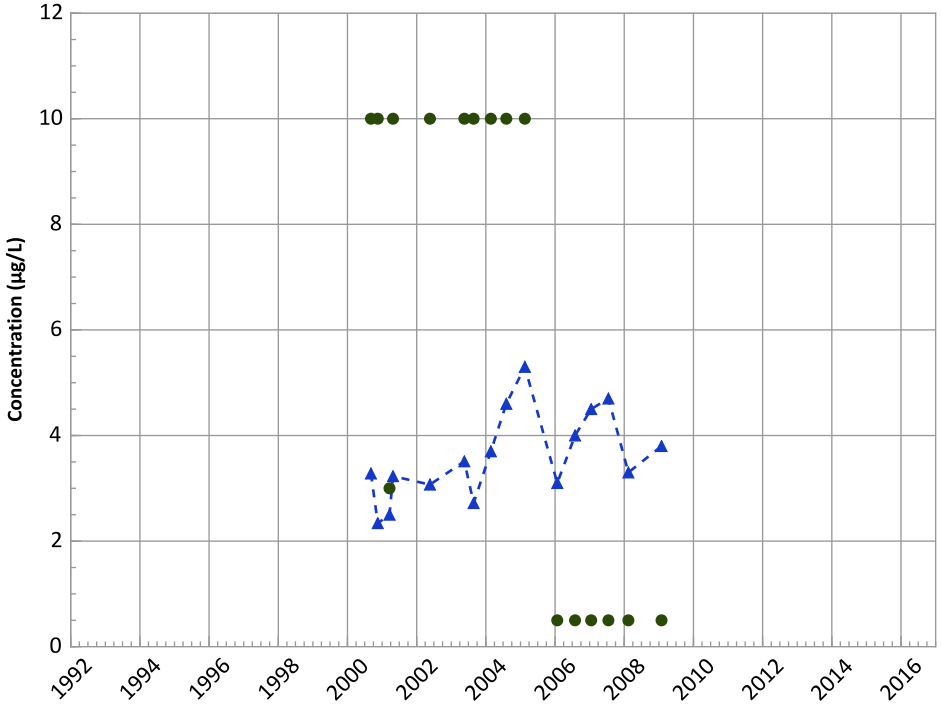


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Molybdenum Trend



Concentration Trend

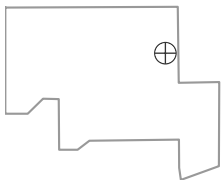
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 04/27/2016
Analysis Date: 03/07/2017

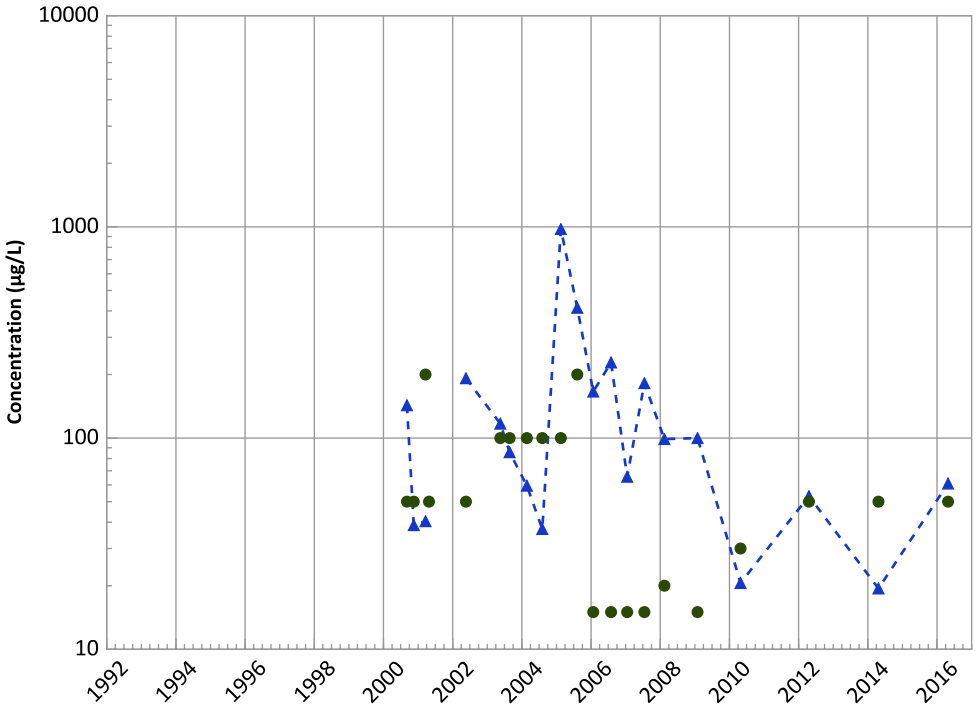
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

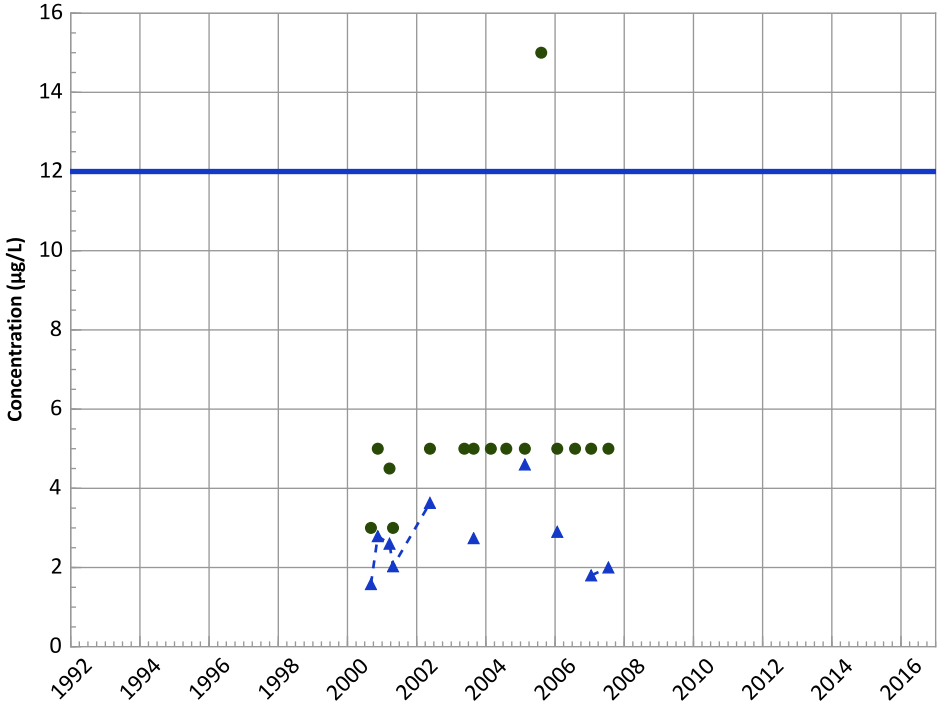


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Arsenic Trend



Concentration Trend

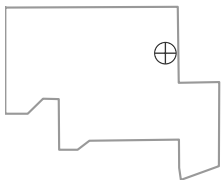
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 04/27/2016
Analysis Date: 03/07/2017

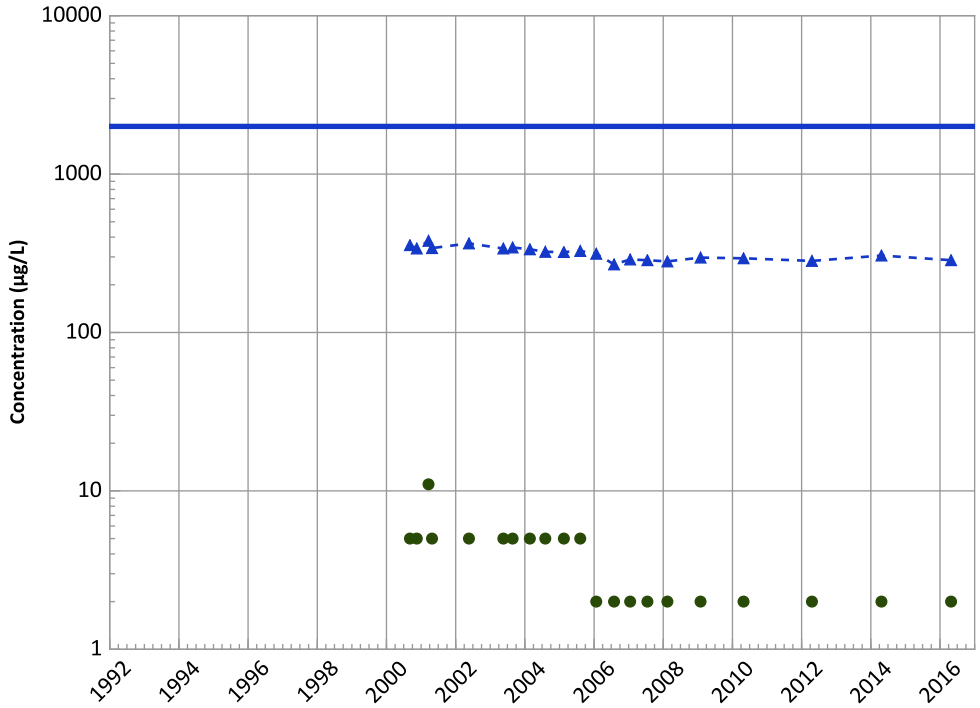
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

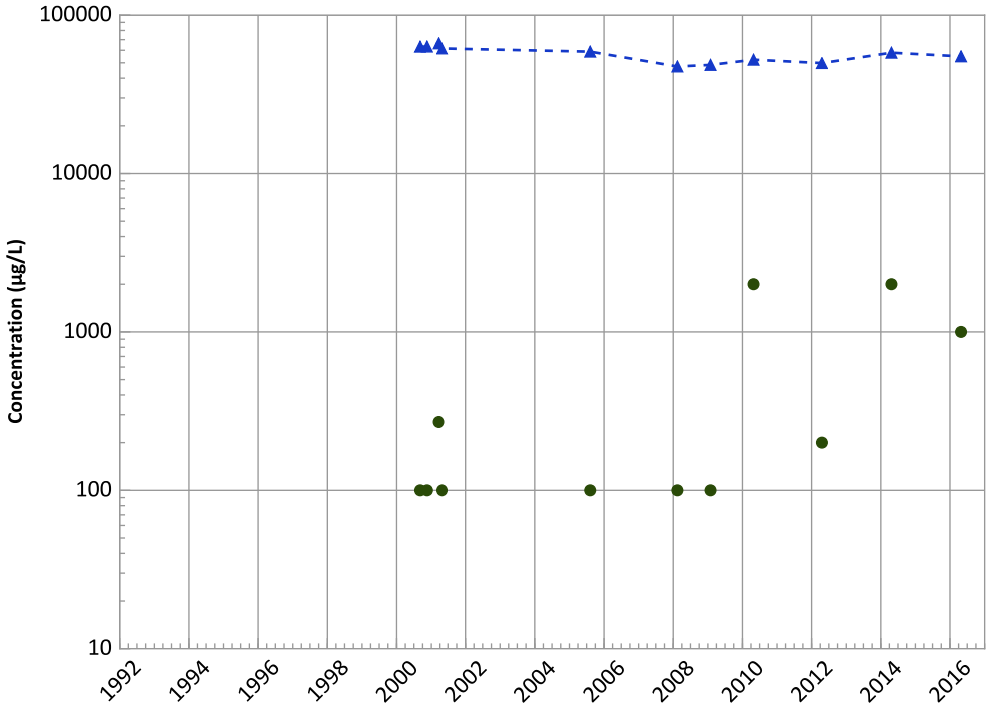


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Calcium Trend



Concentration Trend

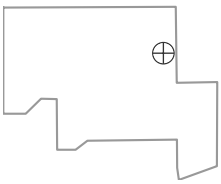
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 04/27/2016
Analysis Date: 03/07/2017

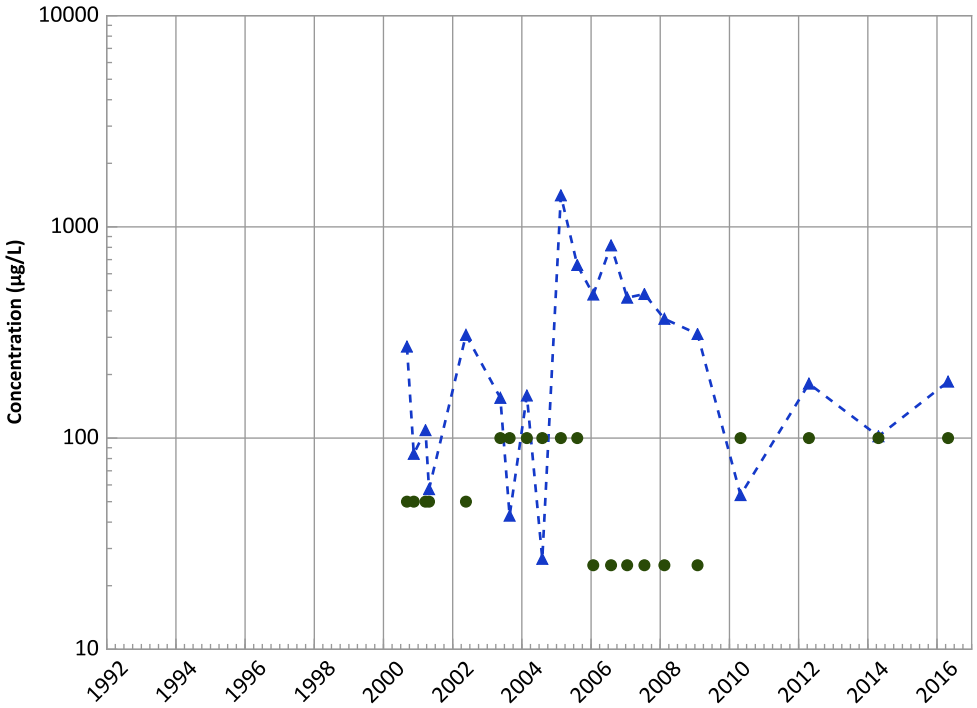
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

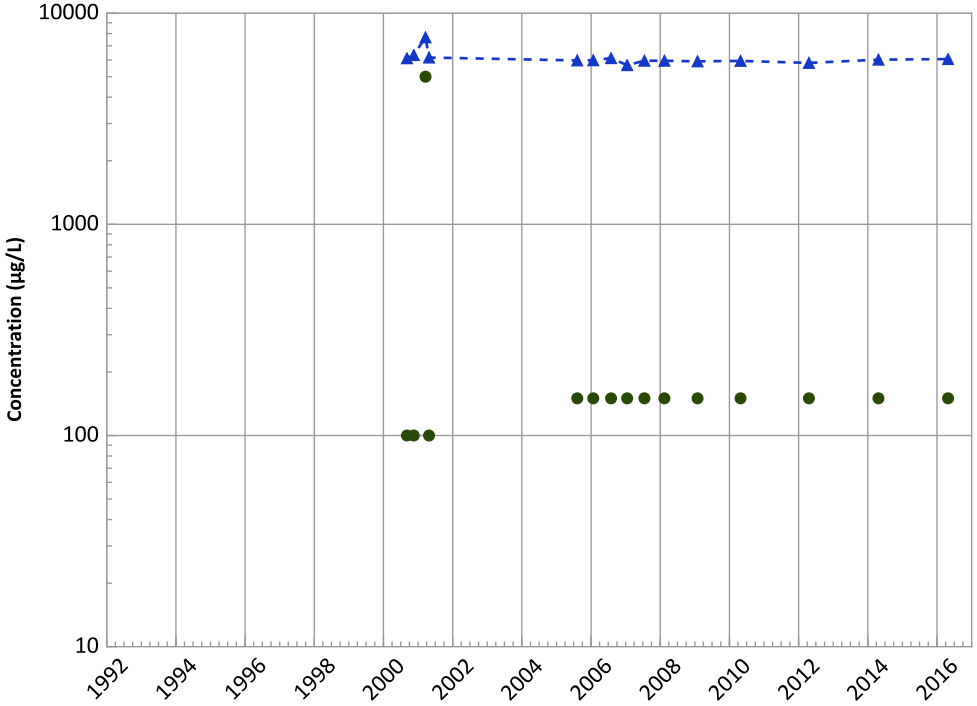


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Potassium Trend



Concentration Trend

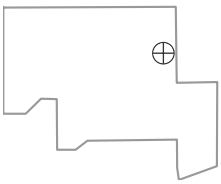
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 04/27/2016
Analysis Date: 03/07/2017

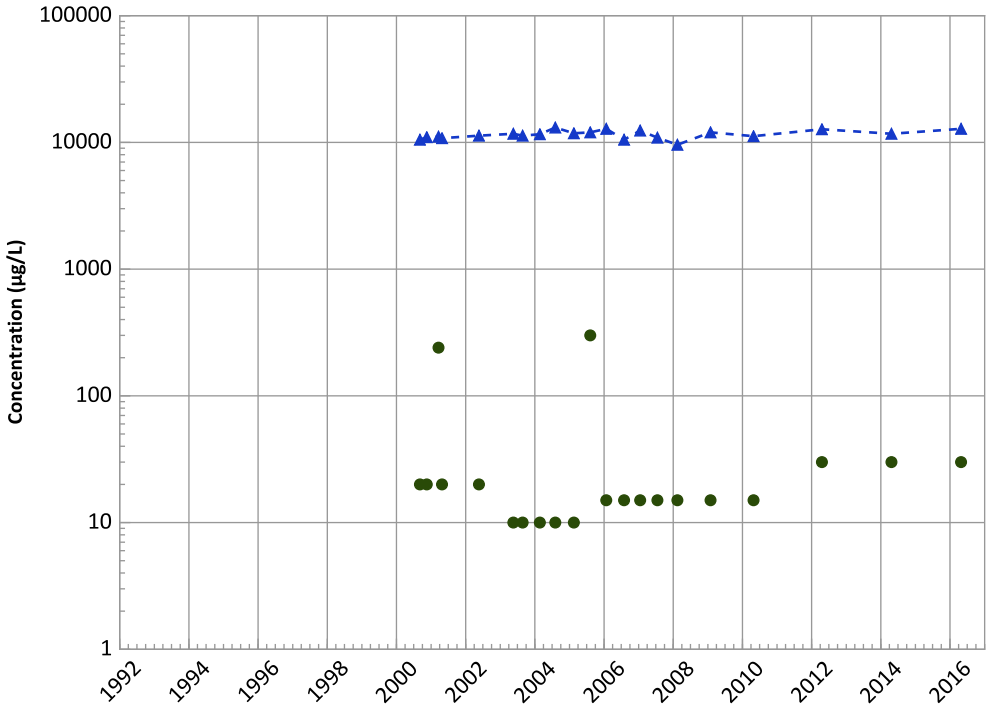
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

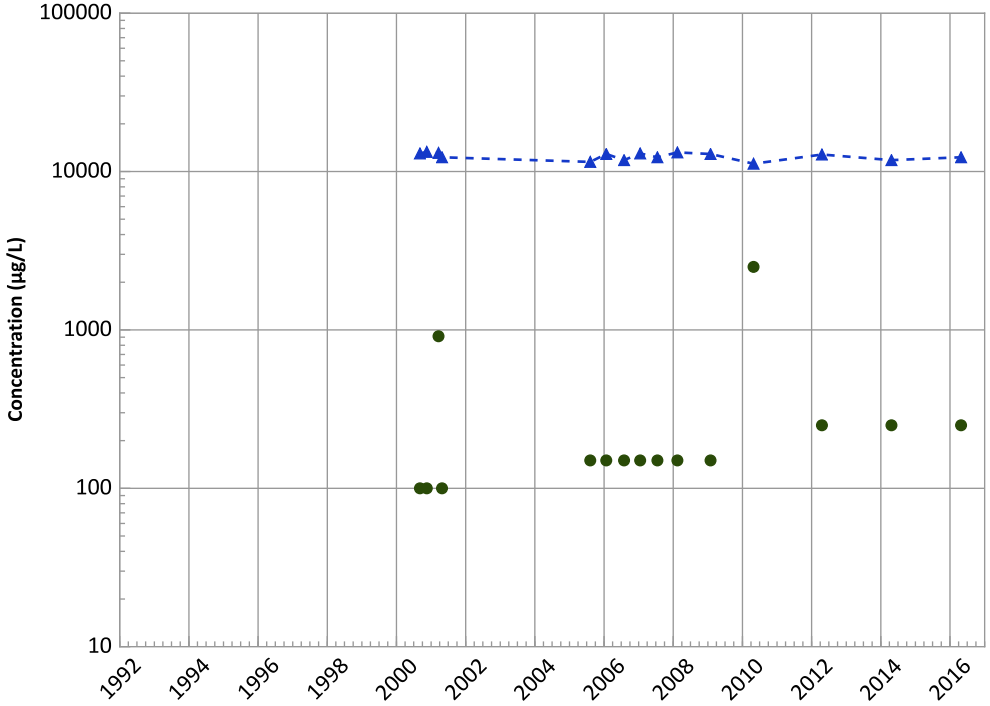


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

Sodium Trend



Concentration Trend

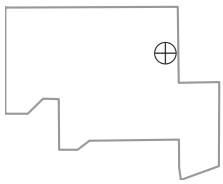
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Decreasing

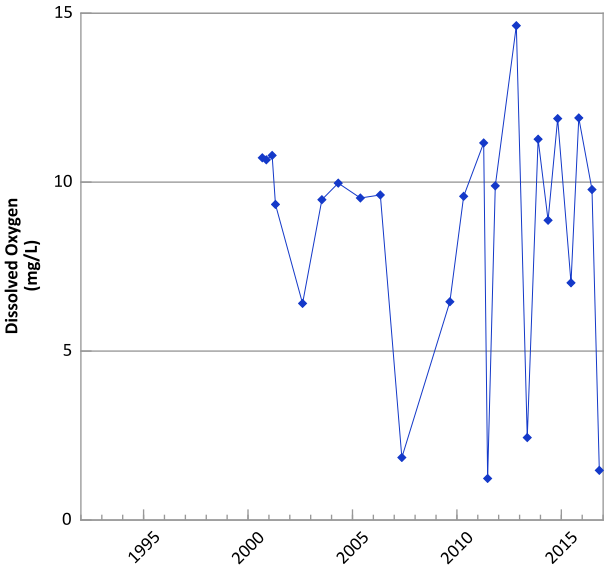
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 04/27/2016
Analysis Date: 03/07/2017

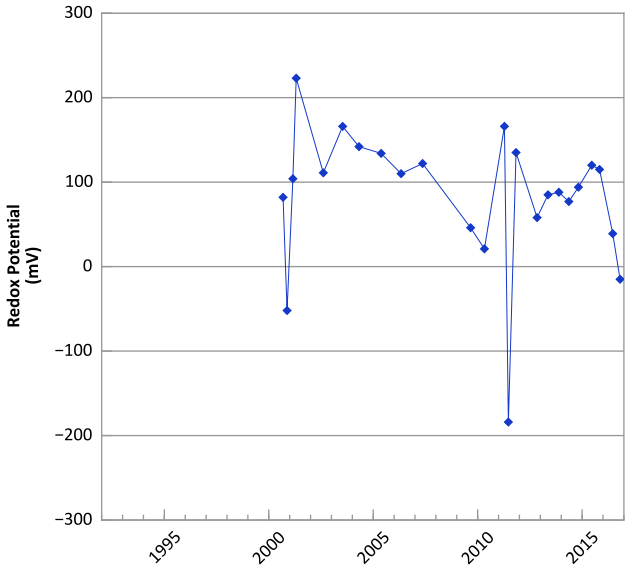
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

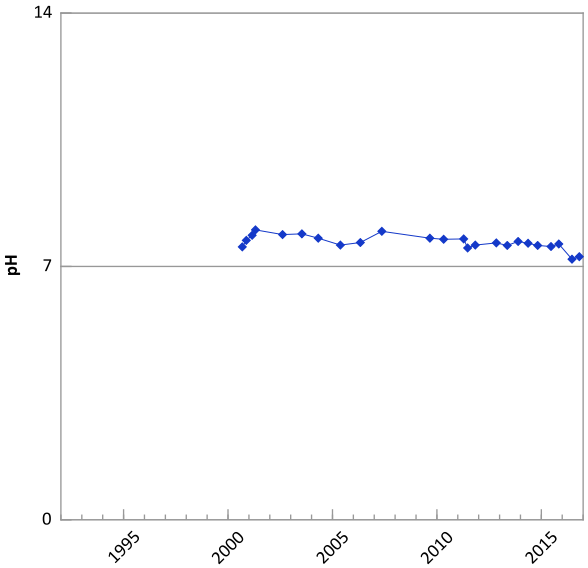
Well Location

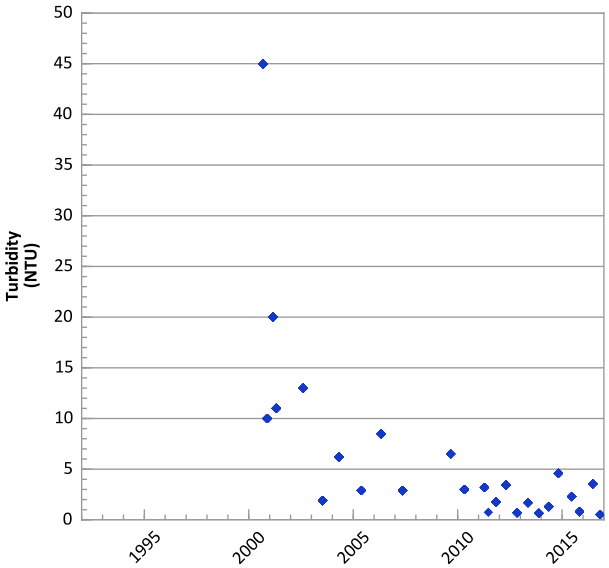


PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



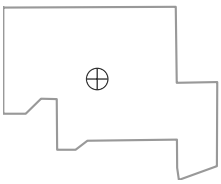






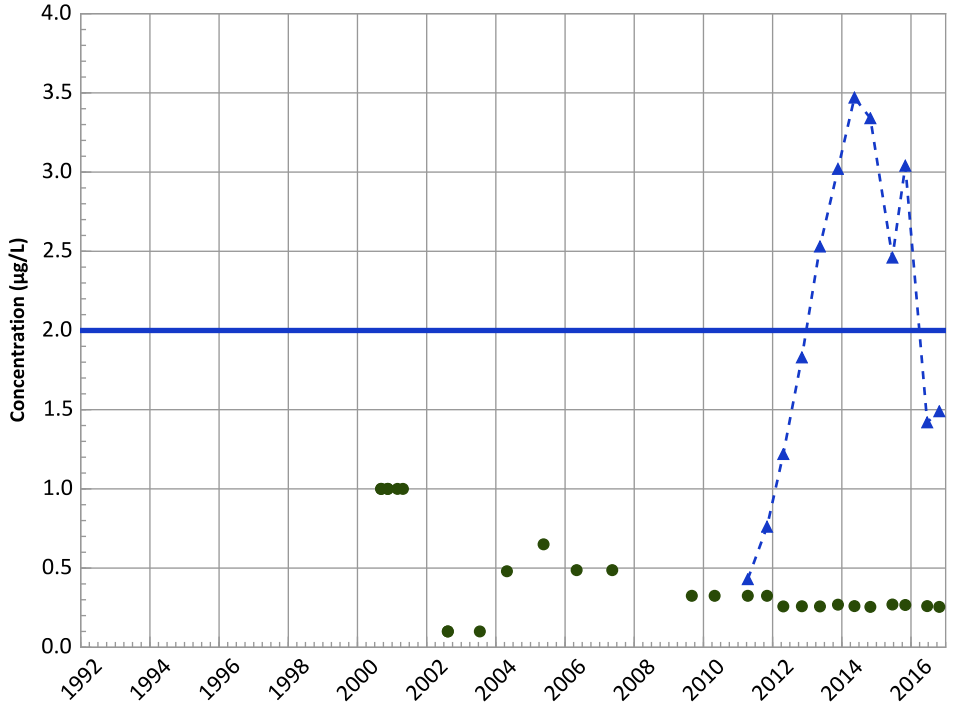
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 10/26/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

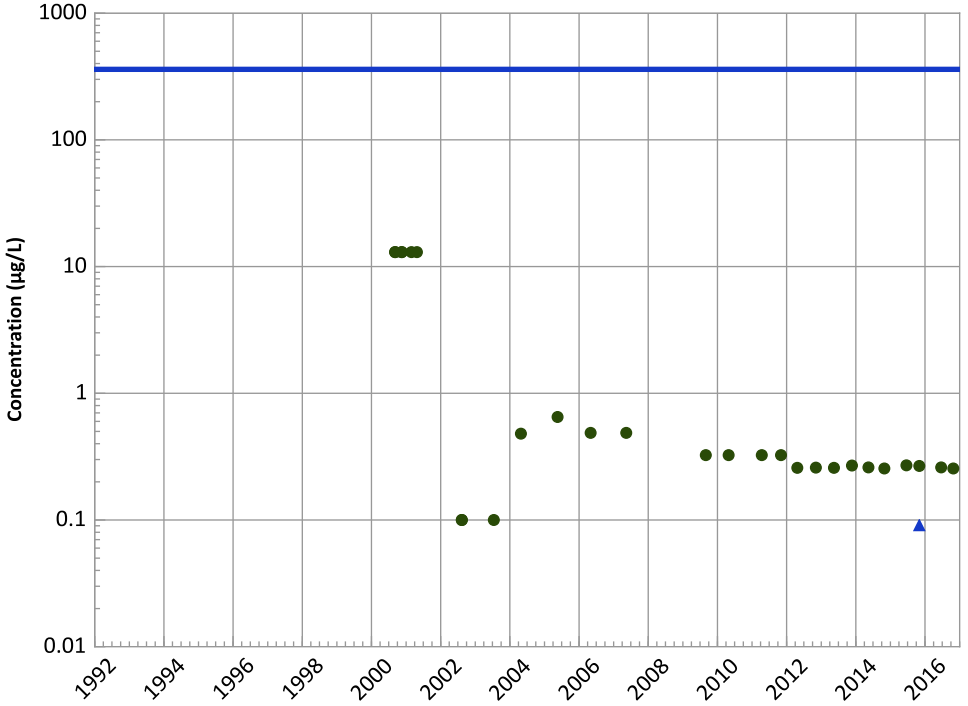


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

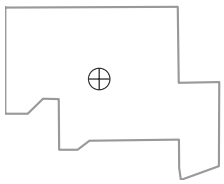
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 10/26/2016
Analysis Date: 03/07/2017

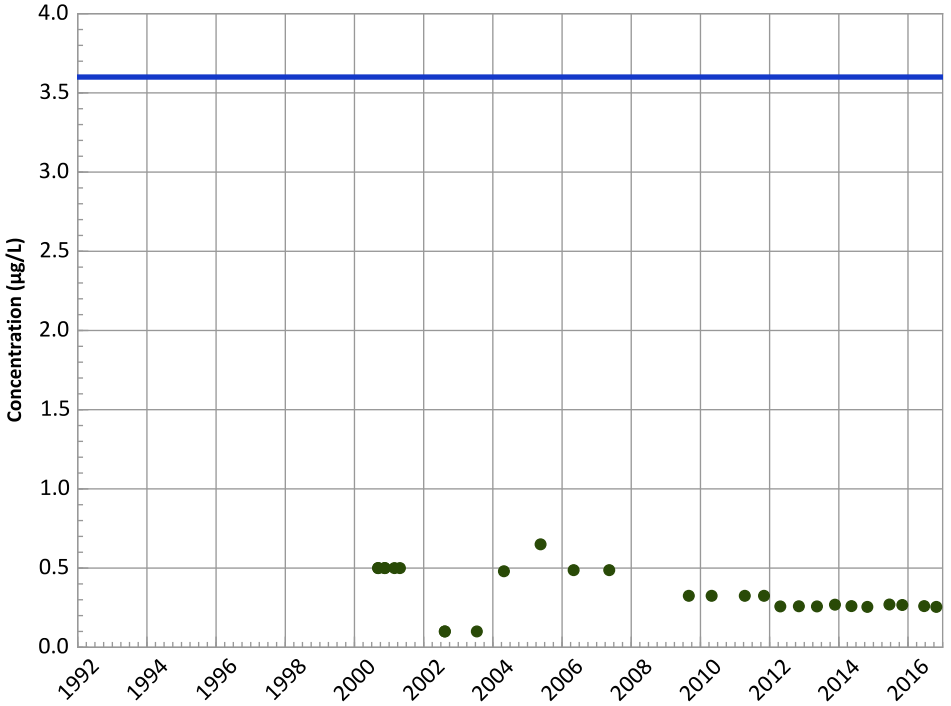
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

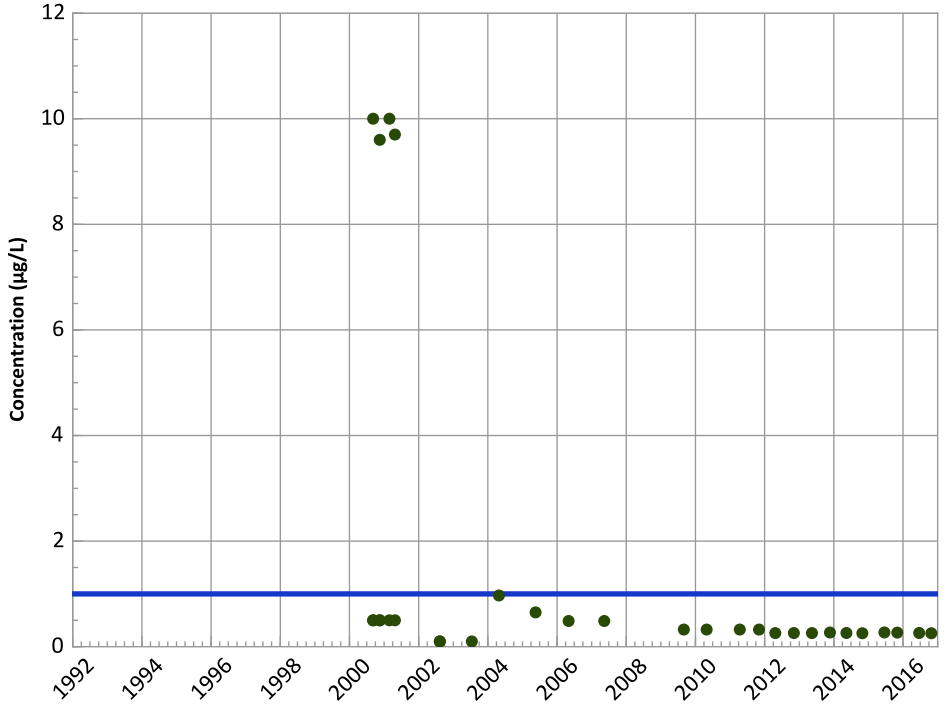


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

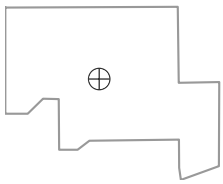
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 10/26/2016
Analysis Date: 03/07/2017

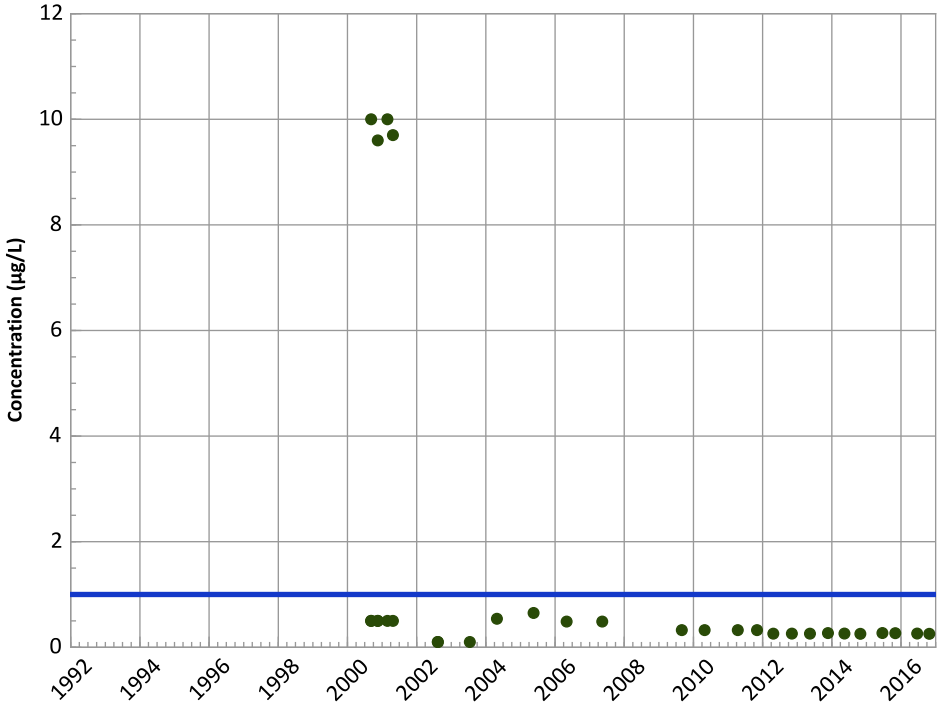
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

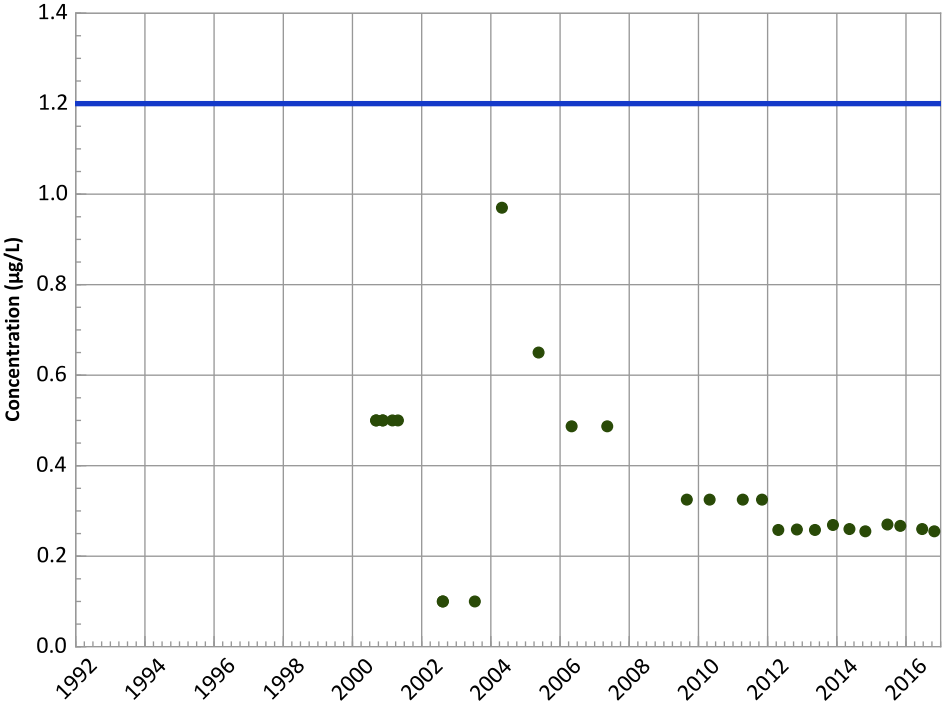


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

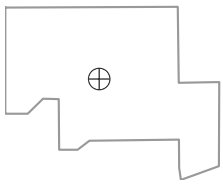
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 10/26/2016
Analysis Date: 03/07/2017

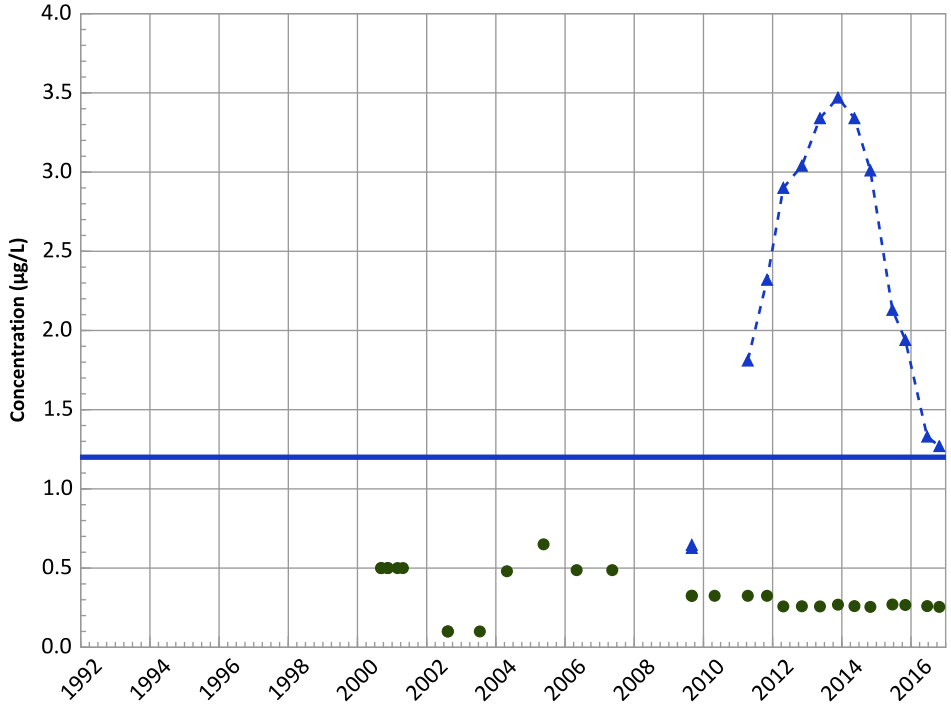
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

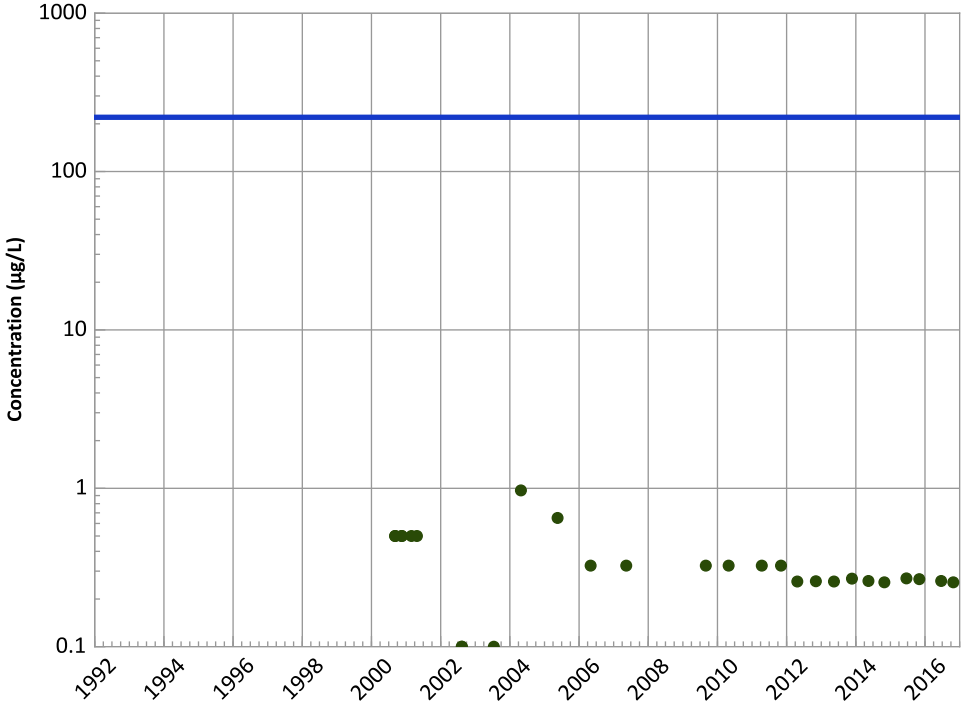


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

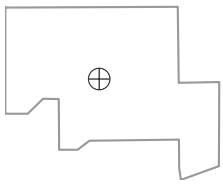
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 10/26/2016
Analysis Date: 03/07/2017

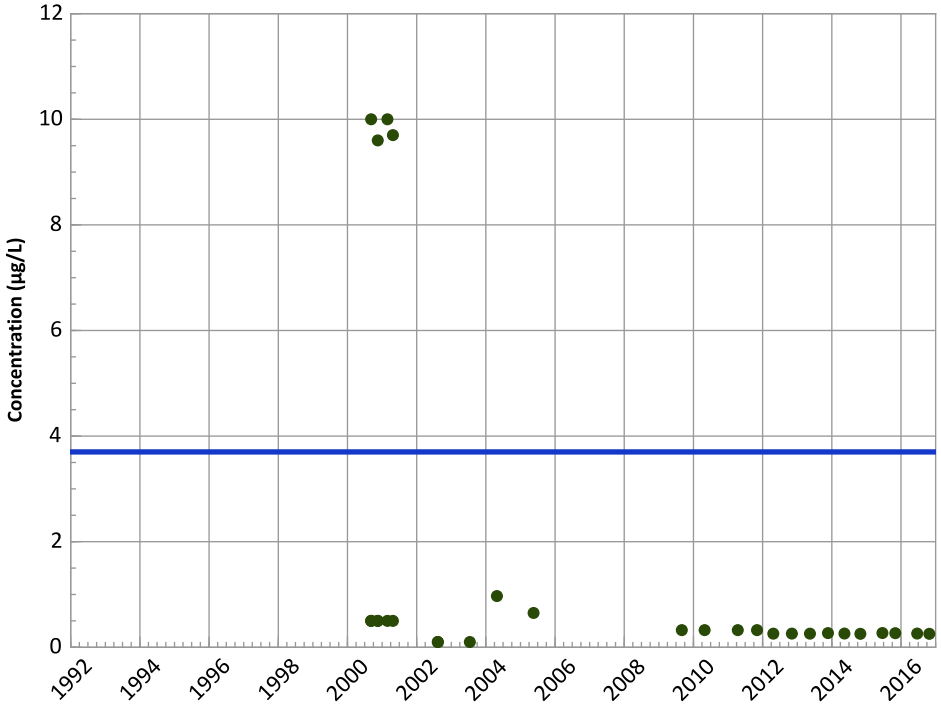
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

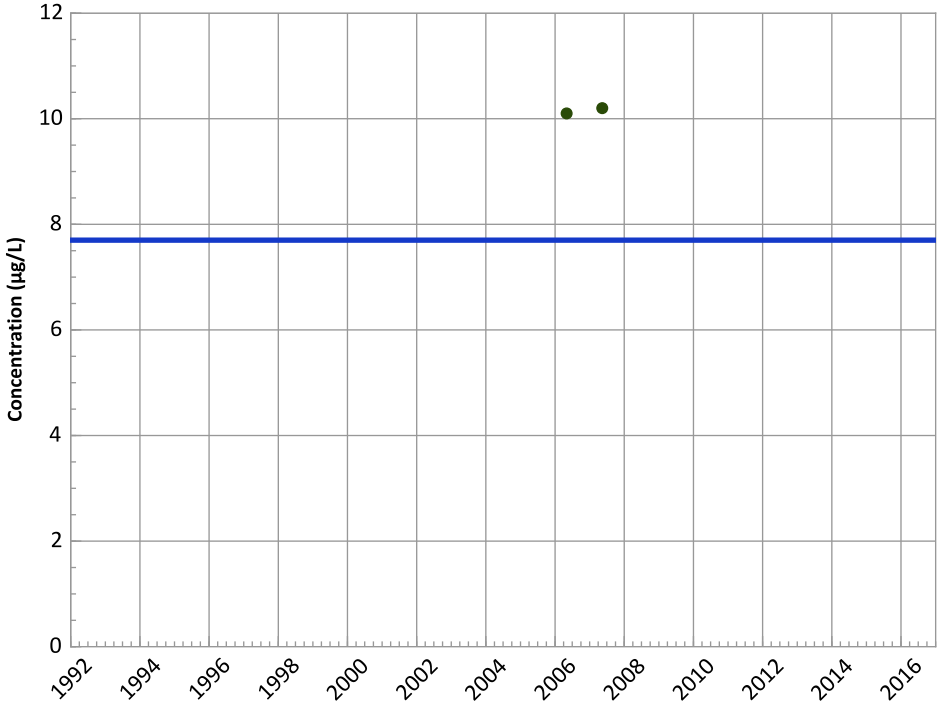


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

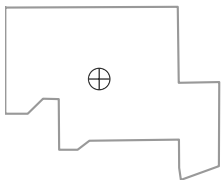
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 10/26/2016
Analysis Date: 03/07/2017

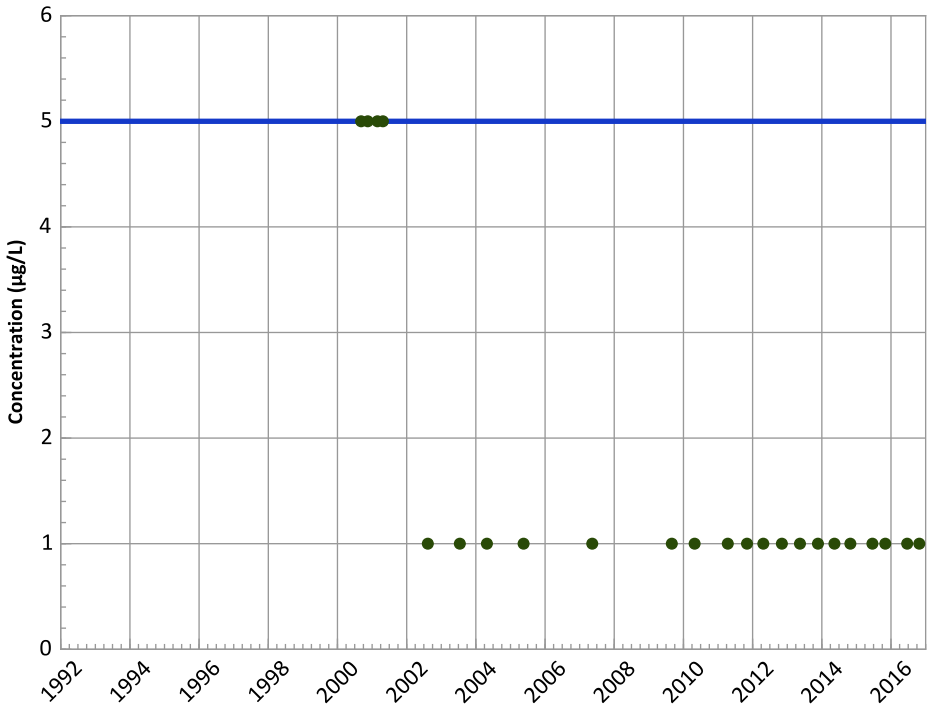
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

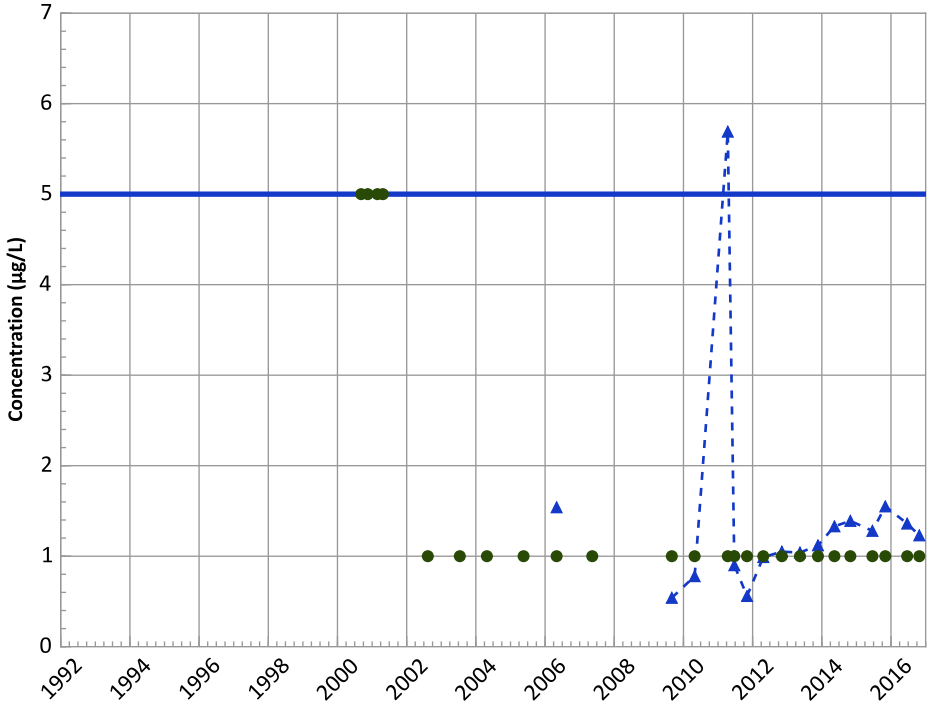


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

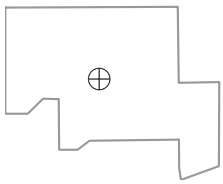
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 10/26/2016
Analysis Date: 03/07/2017

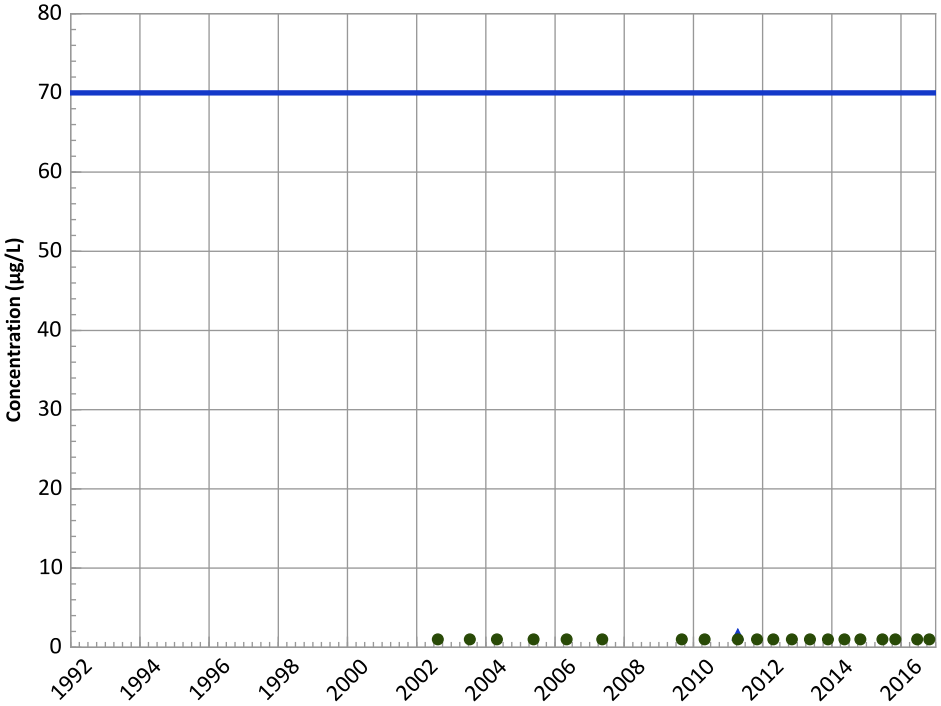
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

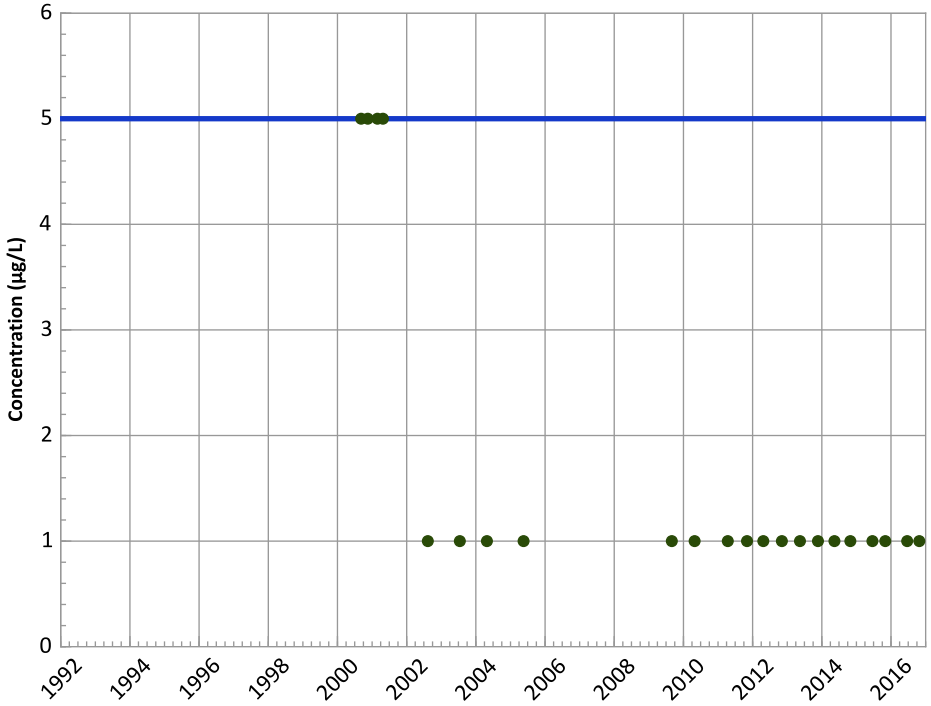


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

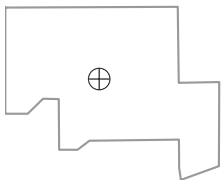
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 10/26/2016
Analysis Date: 03/07/2017

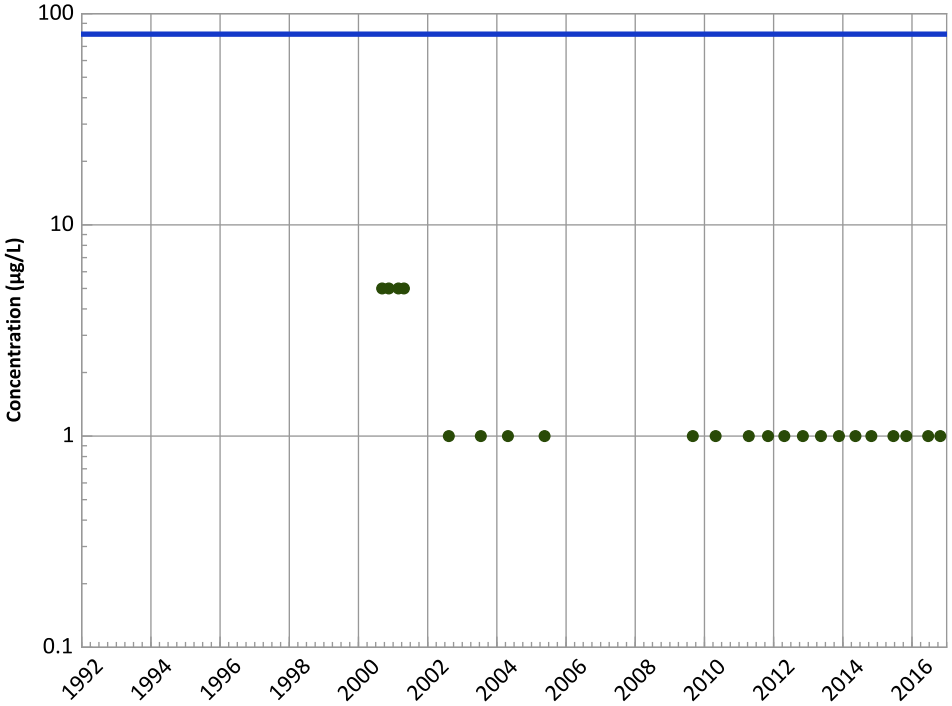
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

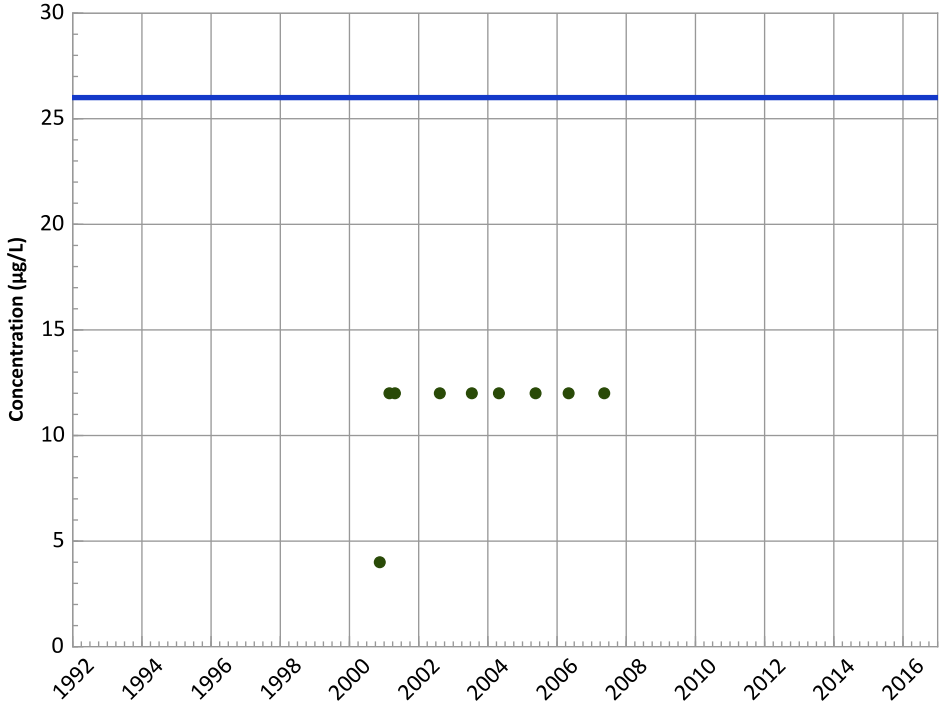


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

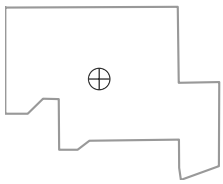
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 10/26/2016
Analysis Date: 03/07/2017

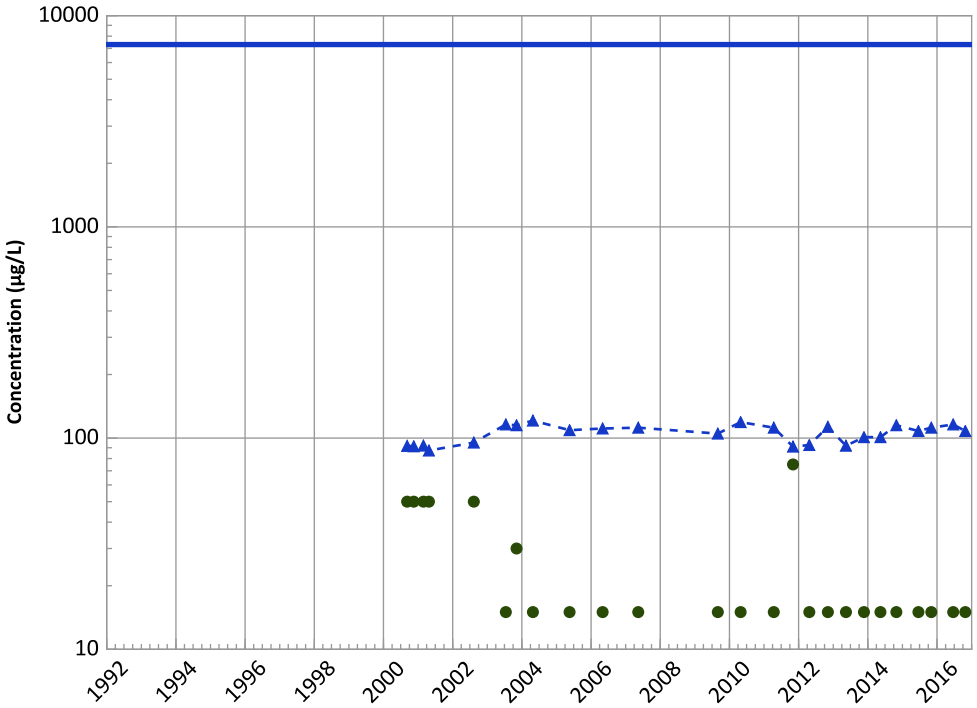
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

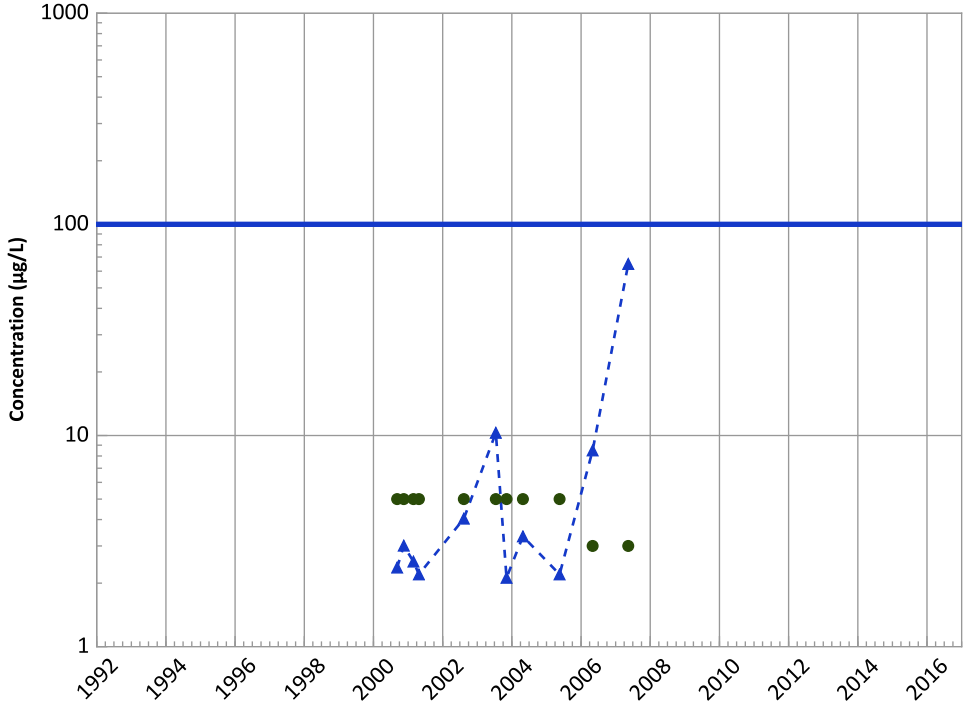


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

Chromium, Total Trend



Concentration Trend

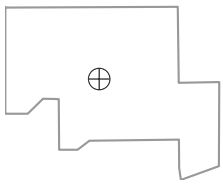
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 10/26/2016
Analysis Date: 03/07/2017

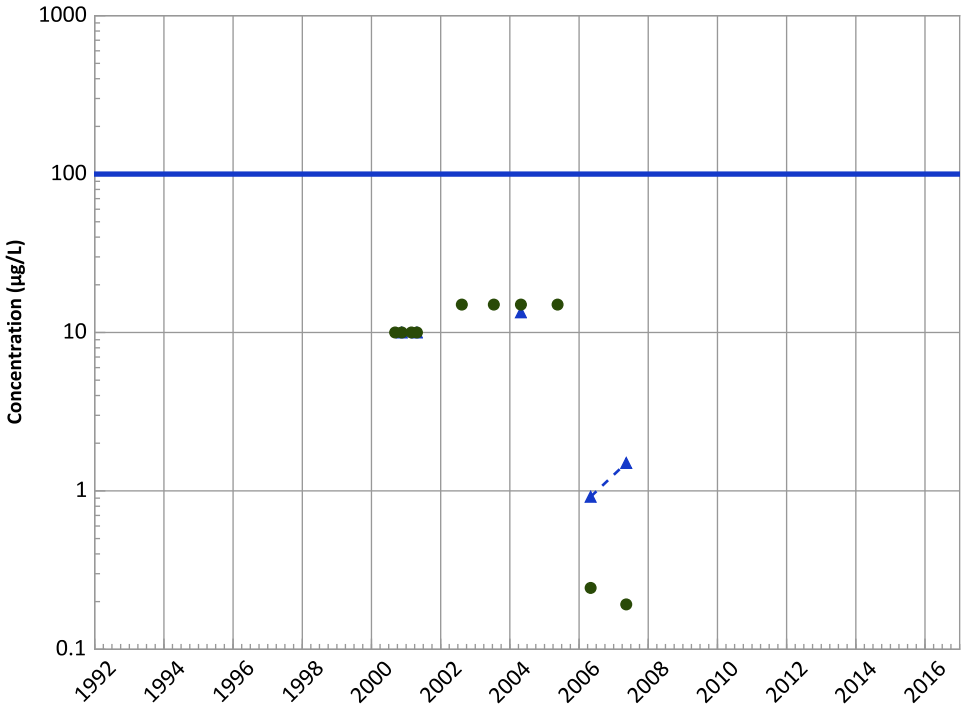
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

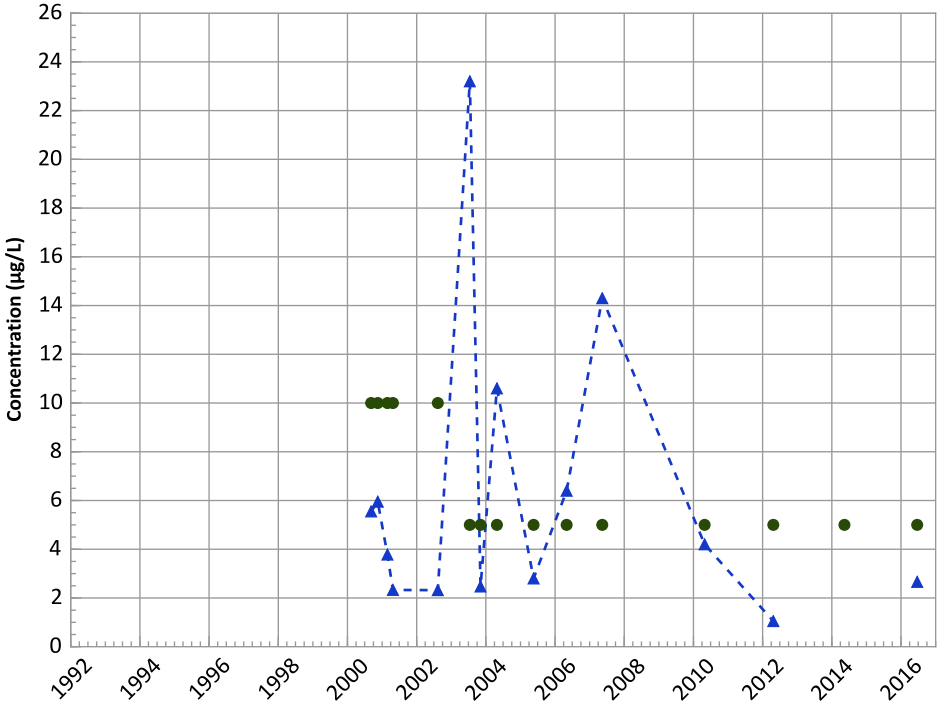


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Manganese Trend



Concentration Trend

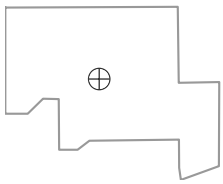
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 10/26/2016
Analysis Date: 03/07/2017

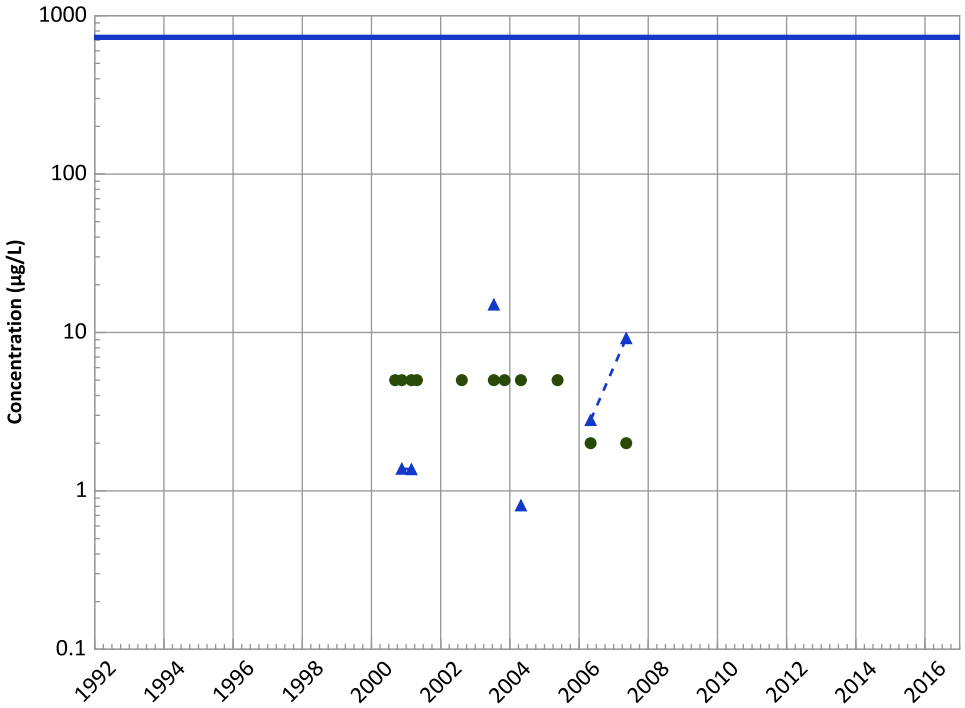
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

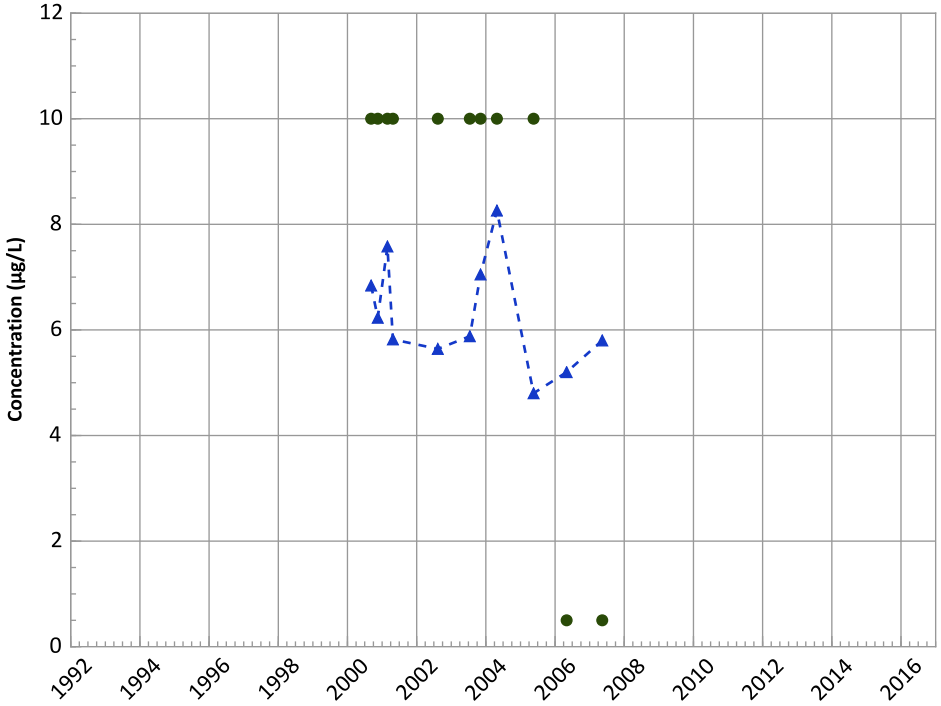


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Molybdenum Trend



Concentration Trend

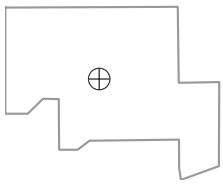
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 10/26/2016
Analysis Date: 03/07/2017

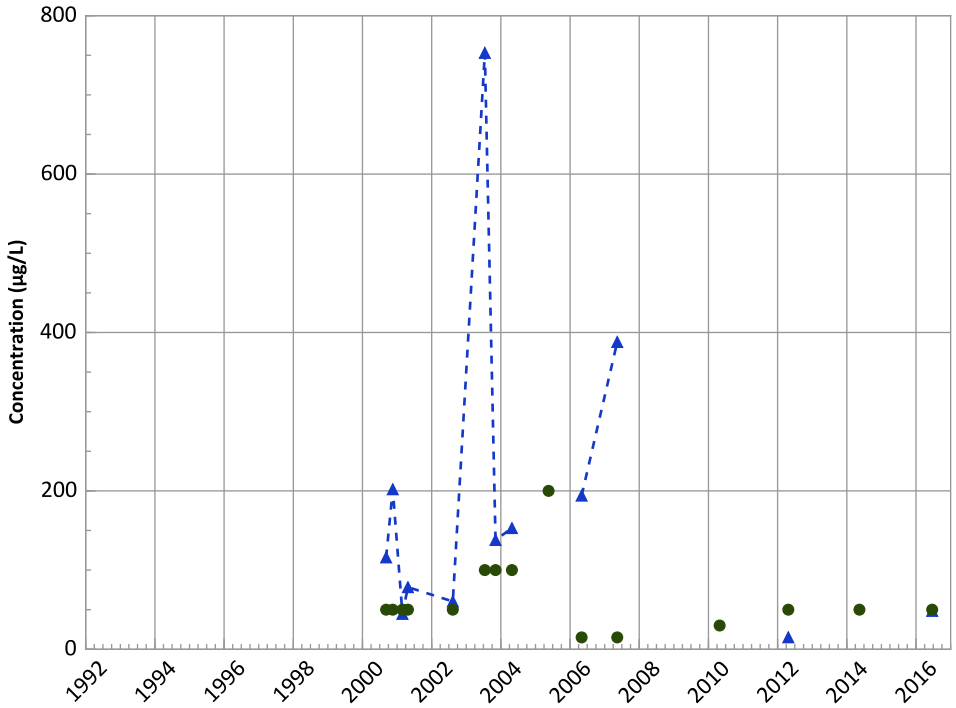
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

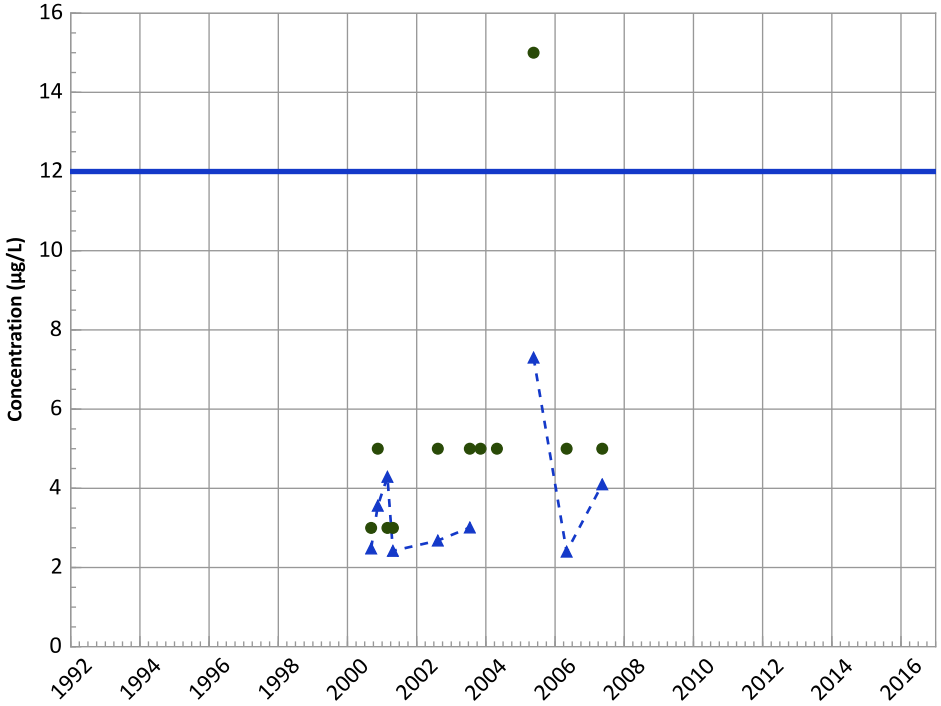


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Arsenic Trend



Concentration Trend

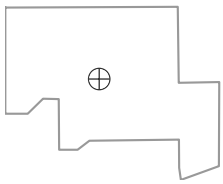
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 10/26/2016
Analysis Date: 03/07/2017

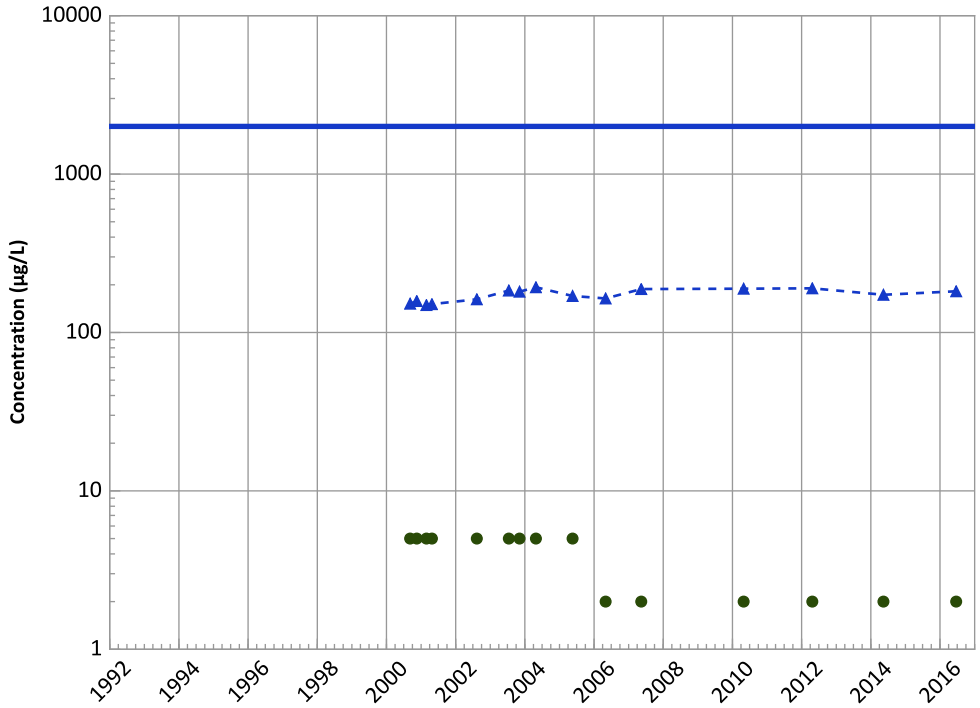
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

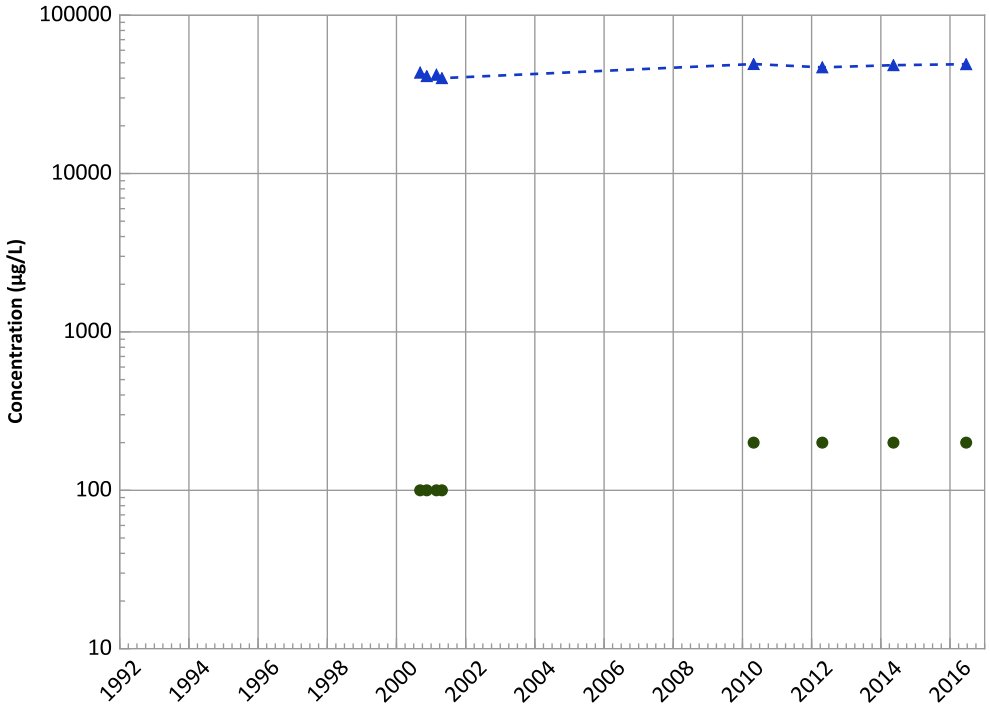


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Calcium Trend



Concentration Trend

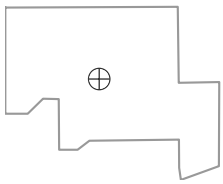
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 10/26/2016
Analysis Date: 03/07/2017

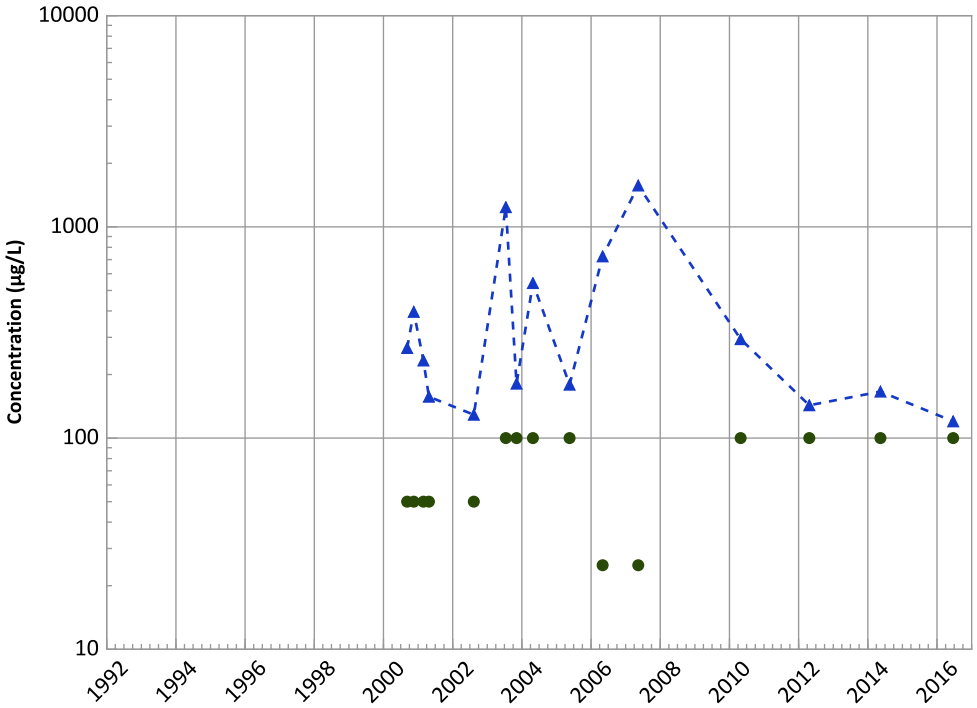
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

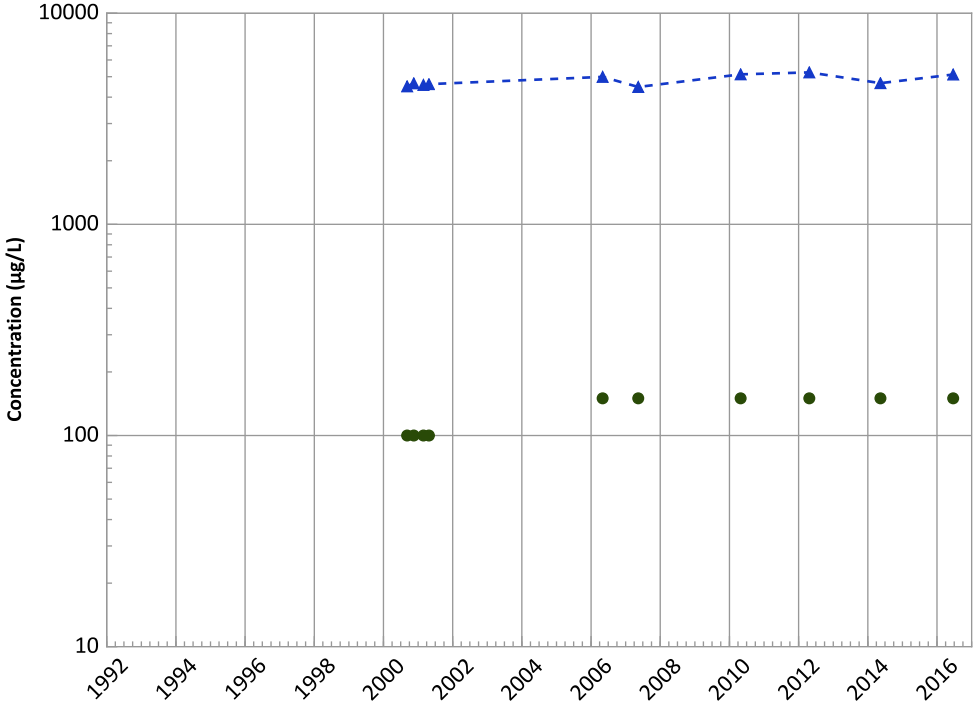


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
No Trend

Potassium Trend



Concentration Trend

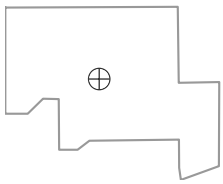
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 10/26/2016
Analysis Date: 03/07/2017

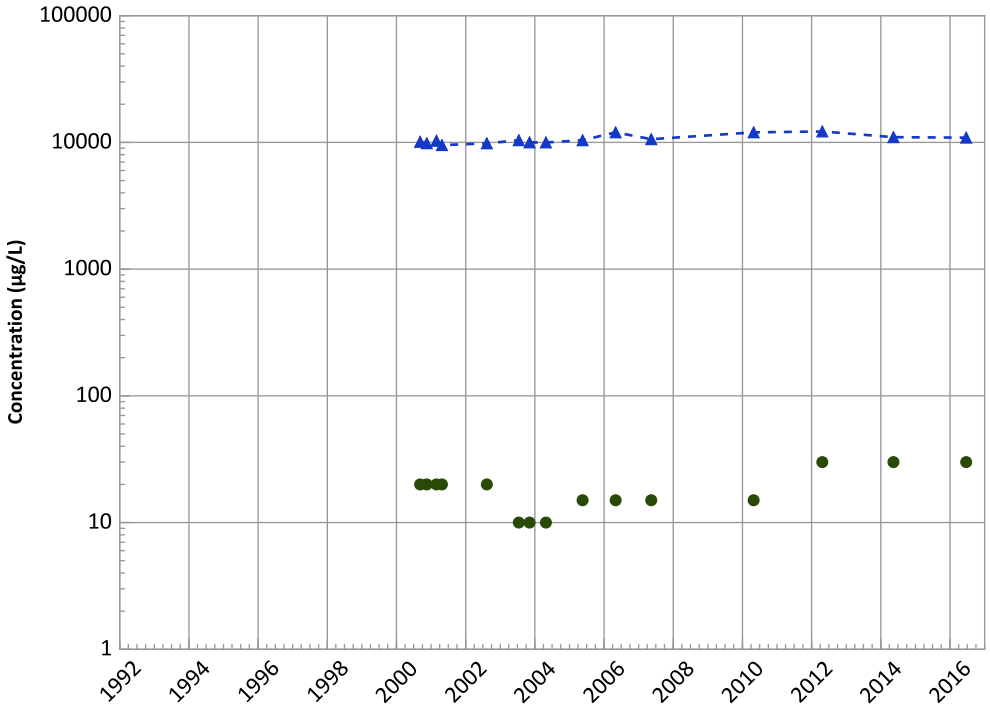
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

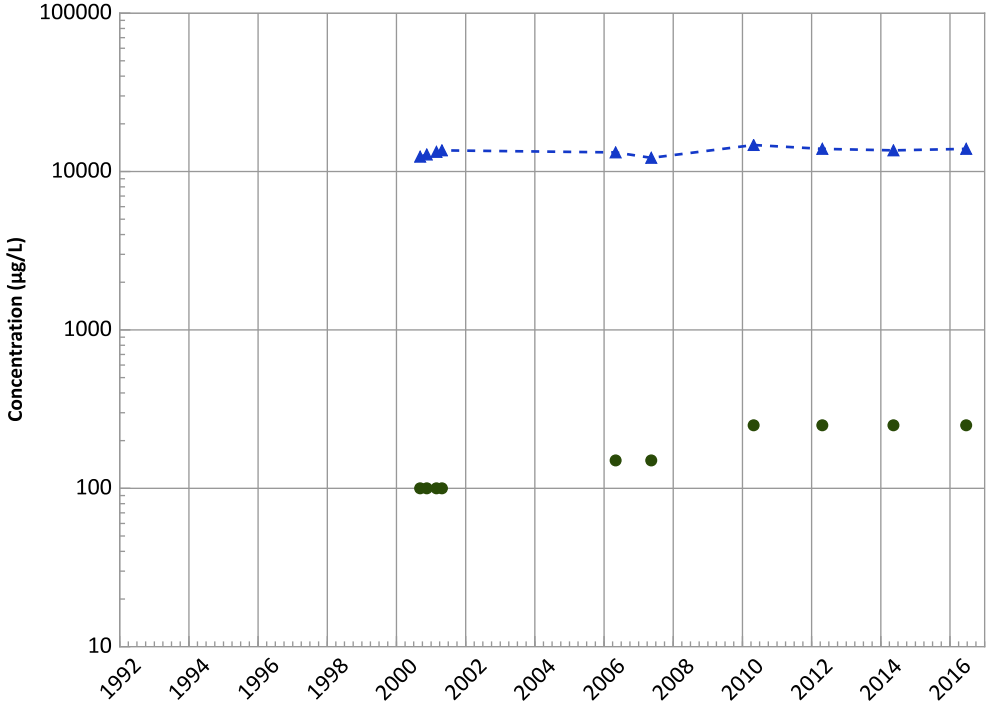


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Increasing

Sodium Trend



Concentration Trend

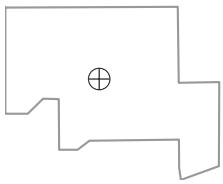
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Increasing

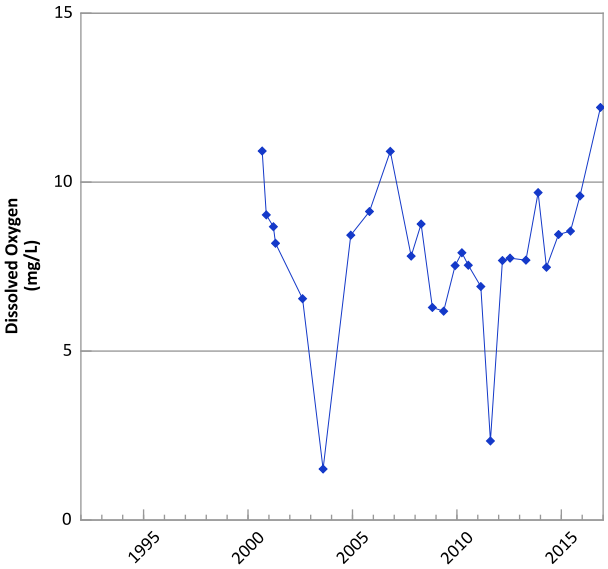
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 10/26/2016
Analysis Date: 03/07/2017

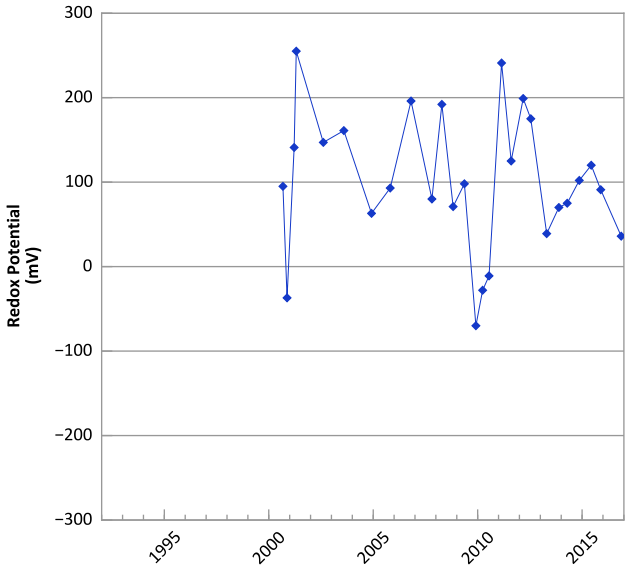
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

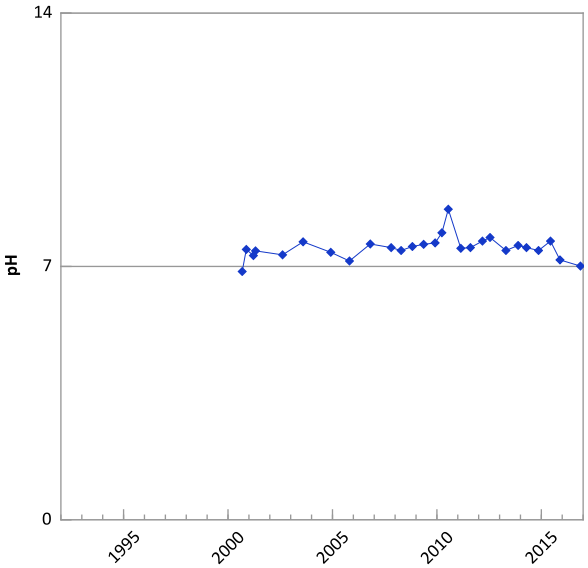
Well Location

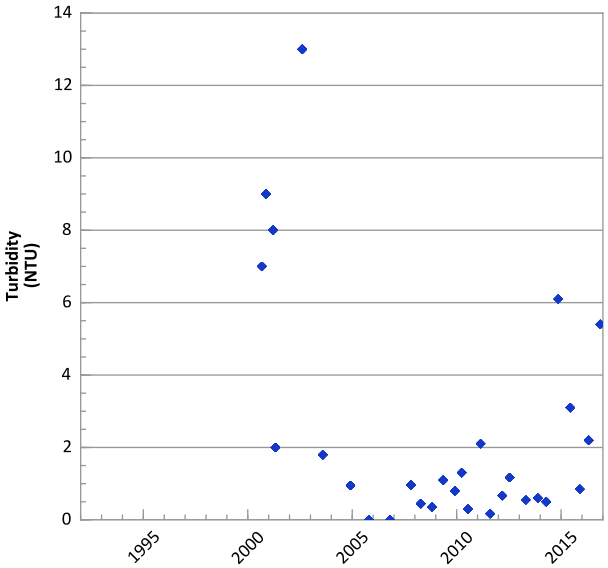


PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



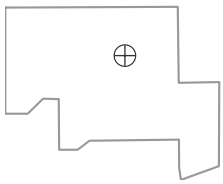






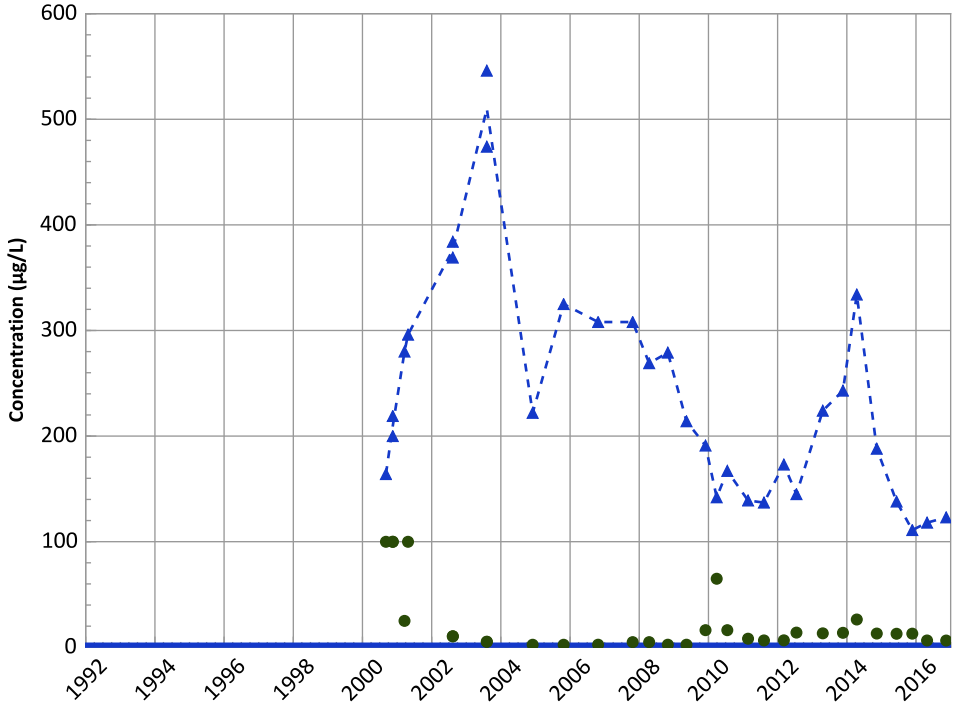
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 11/15/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

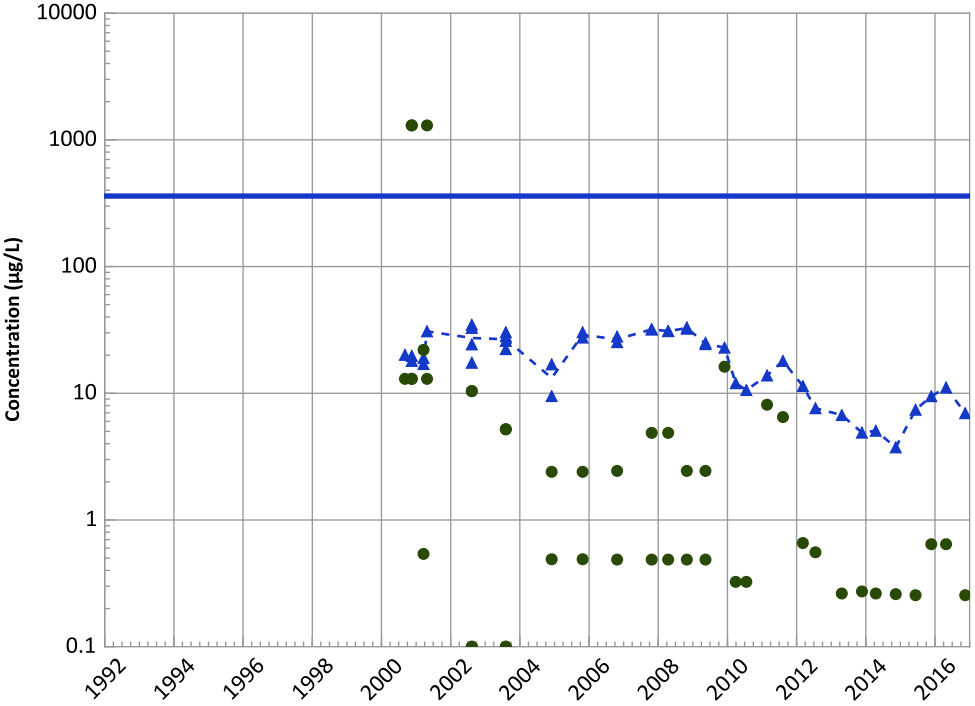


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

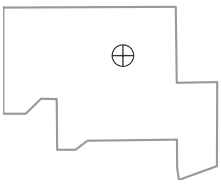
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 11/15/2016
Analysis Date: 03/07/2017

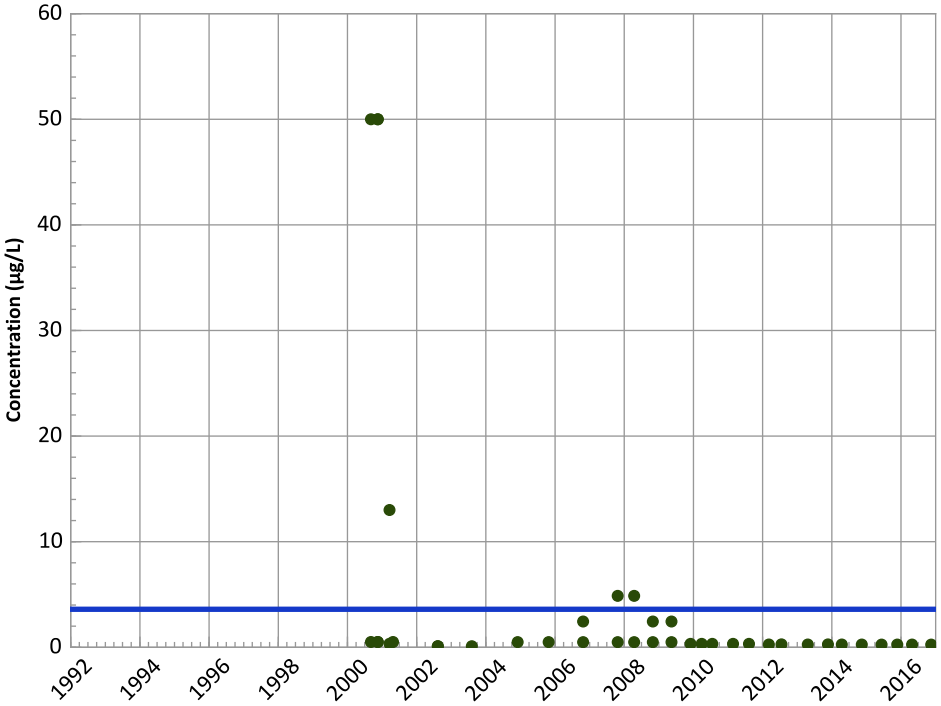
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

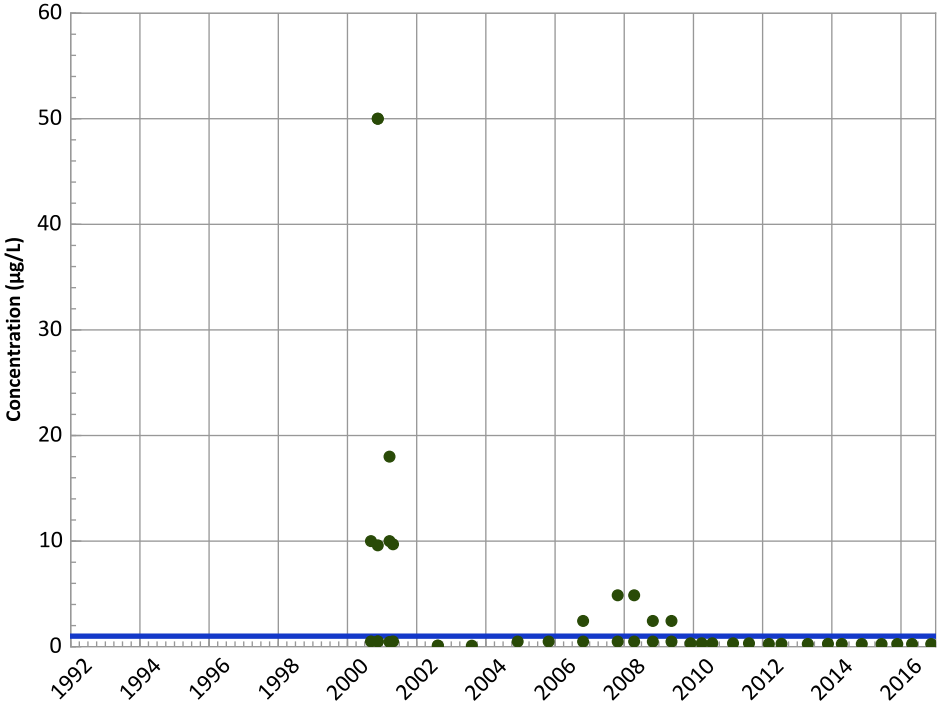


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

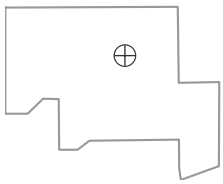
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 11/15/2016
Analysis Date: 03/07/2017

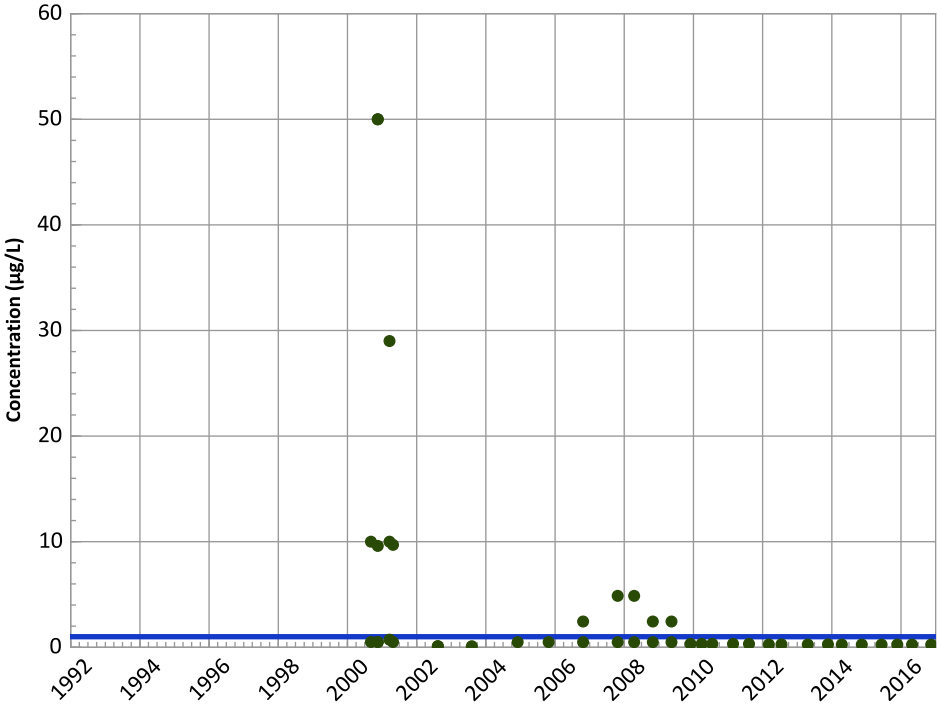
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

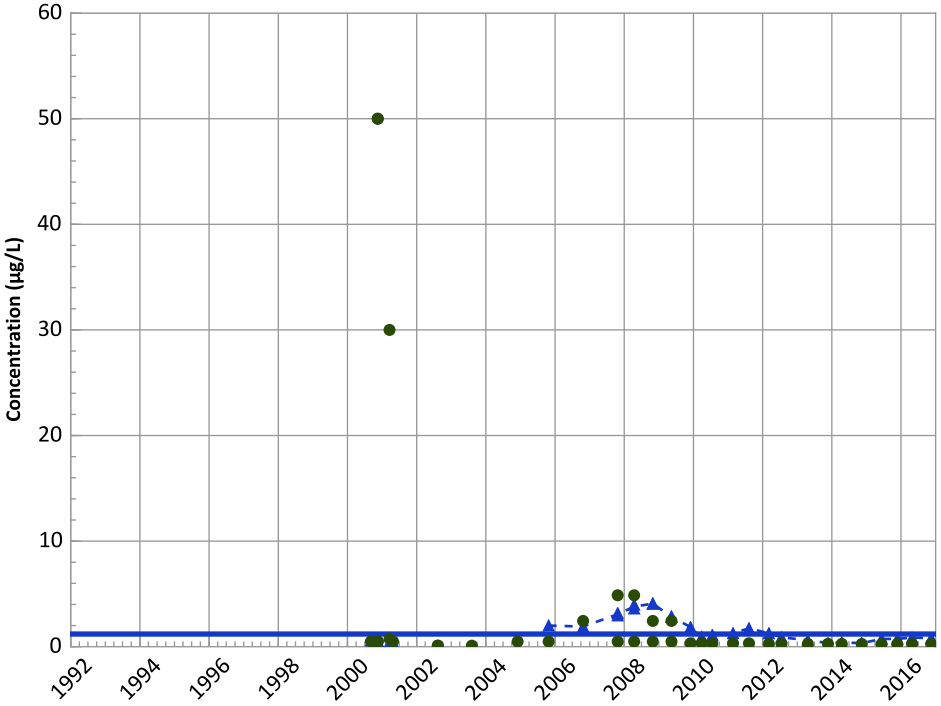


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

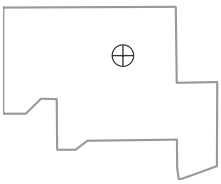
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 11/15/2016
Analysis Date: 03/07/2017

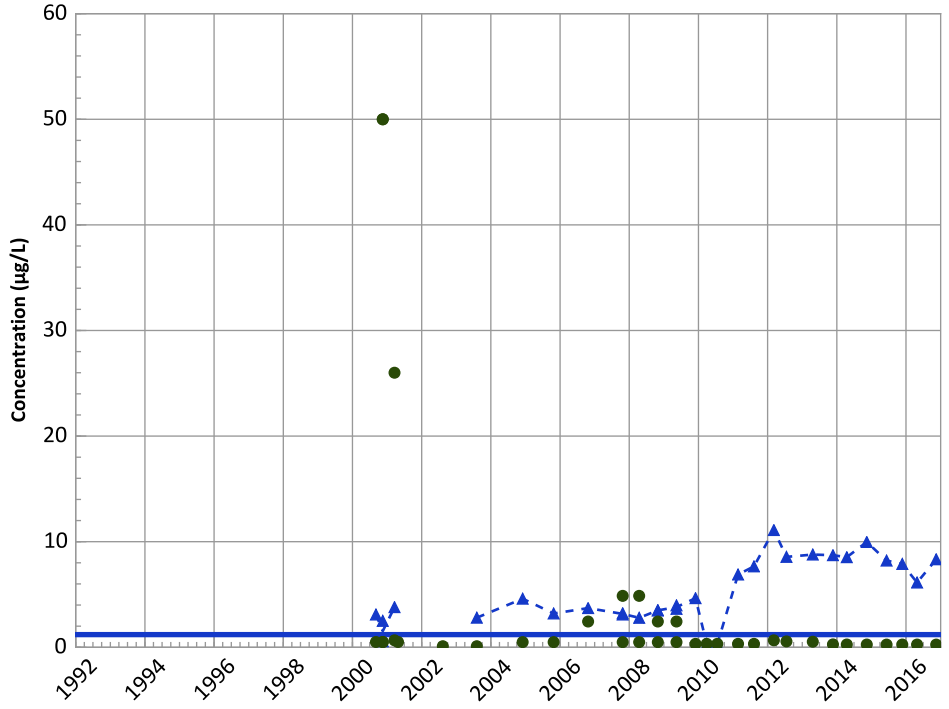
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

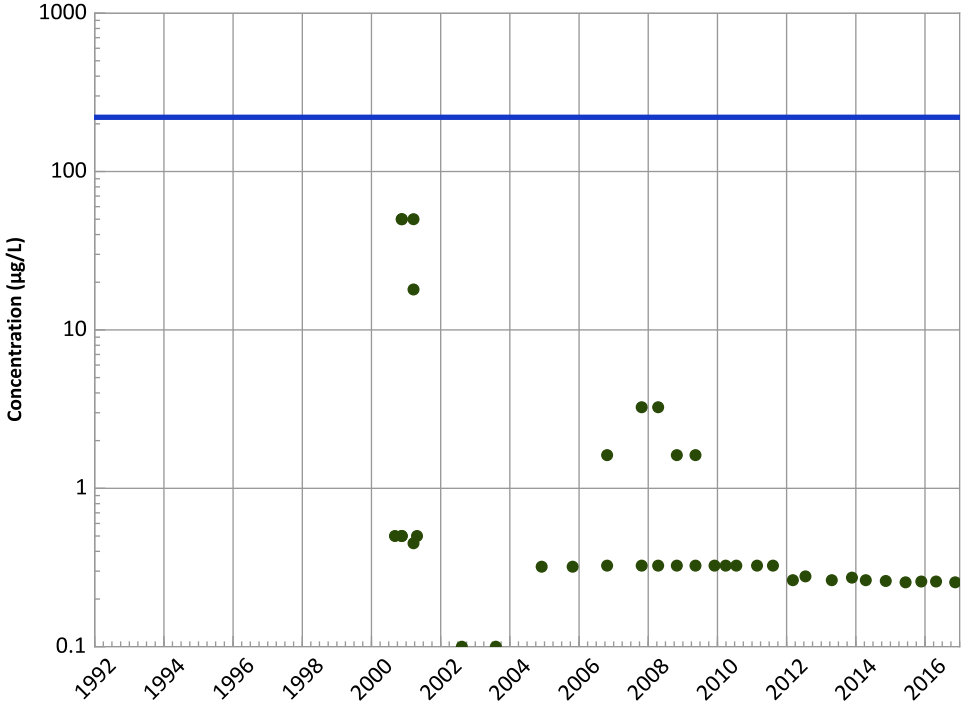


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

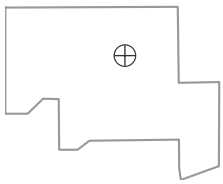
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 11/15/2016
Analysis Date: 03/07/2017

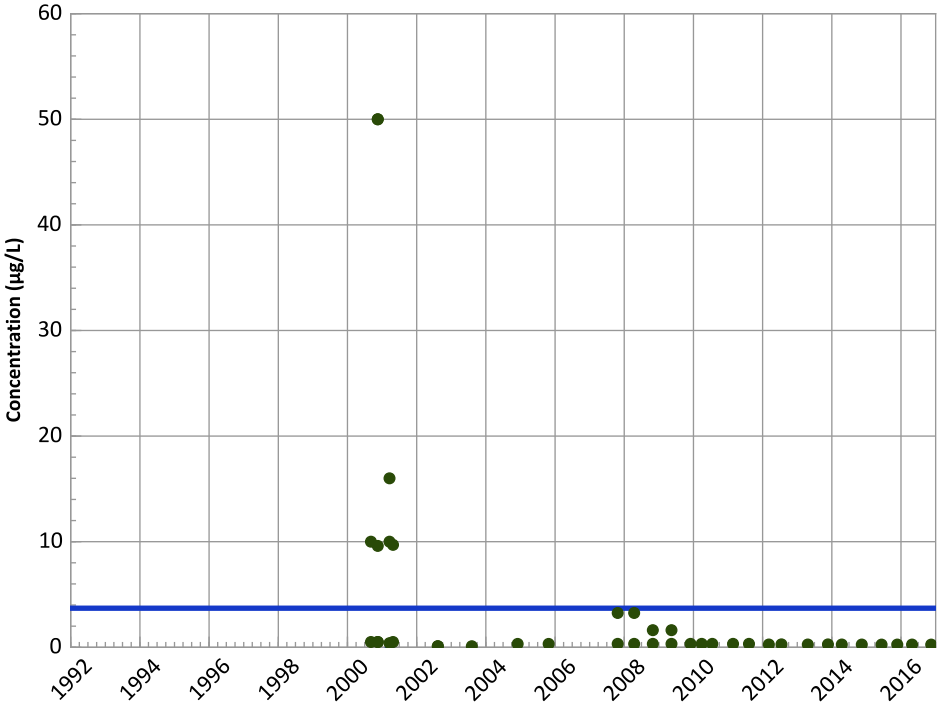
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

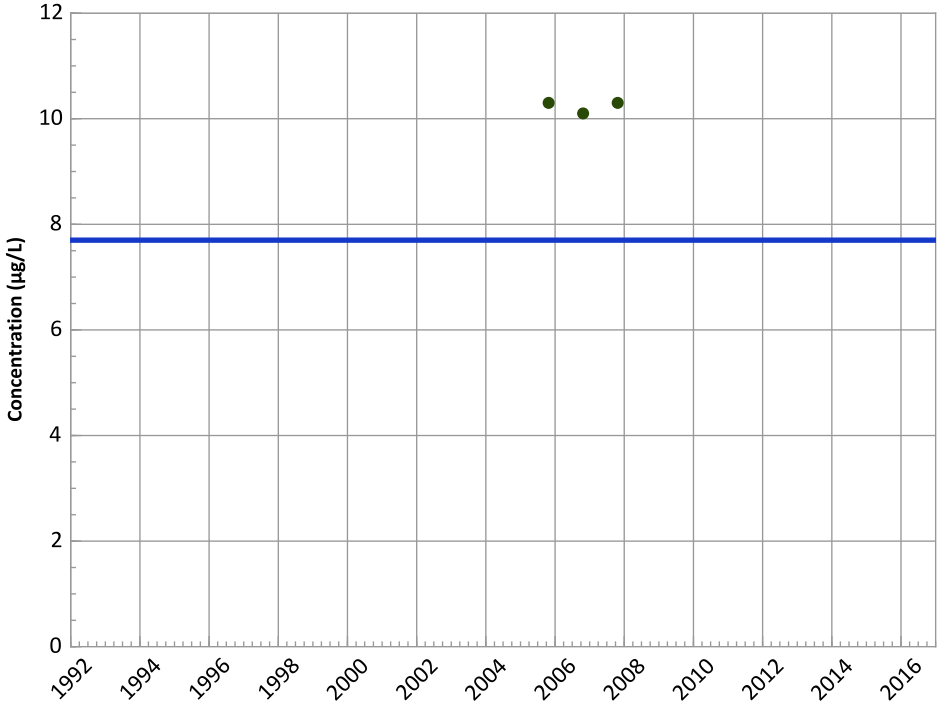


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

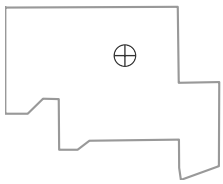
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 11/15/2016
Analysis Date: 03/07/2017

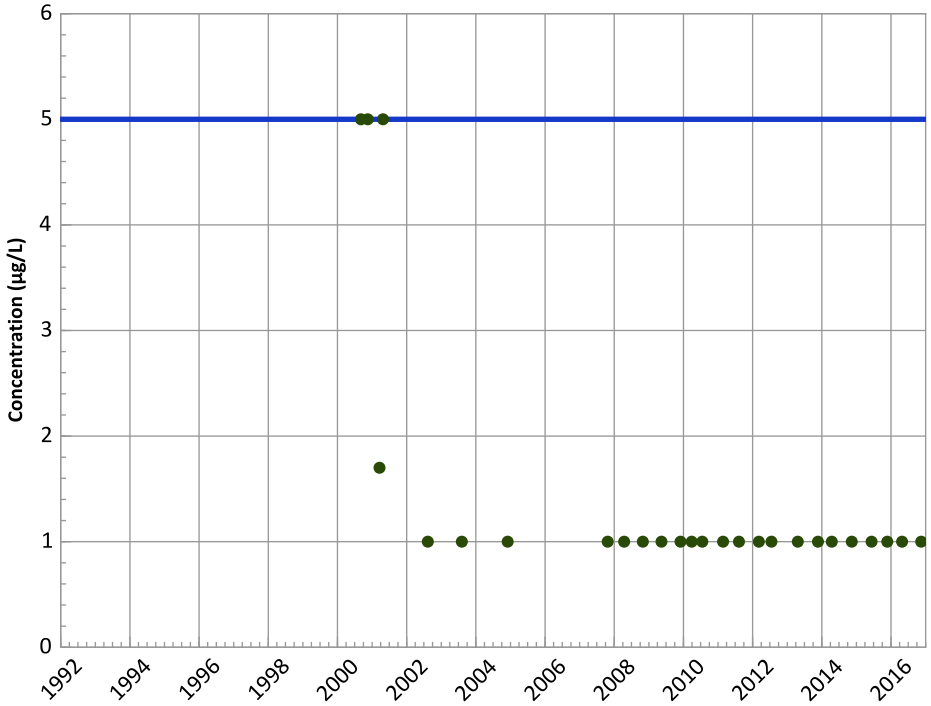
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

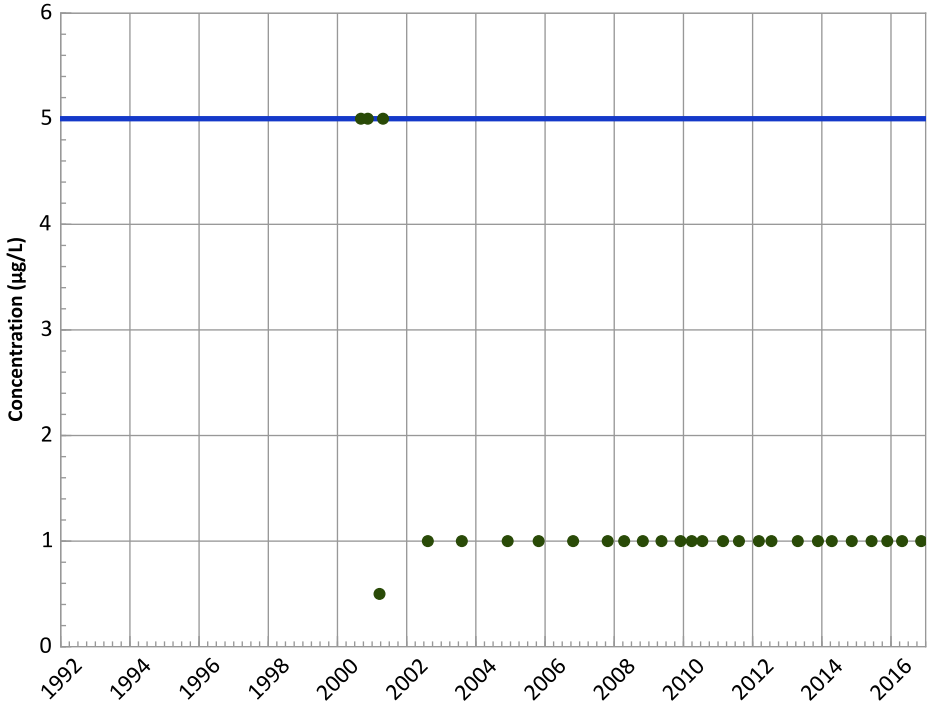


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

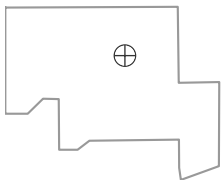
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 11/15/2016
Analysis Date: 03/07/2017

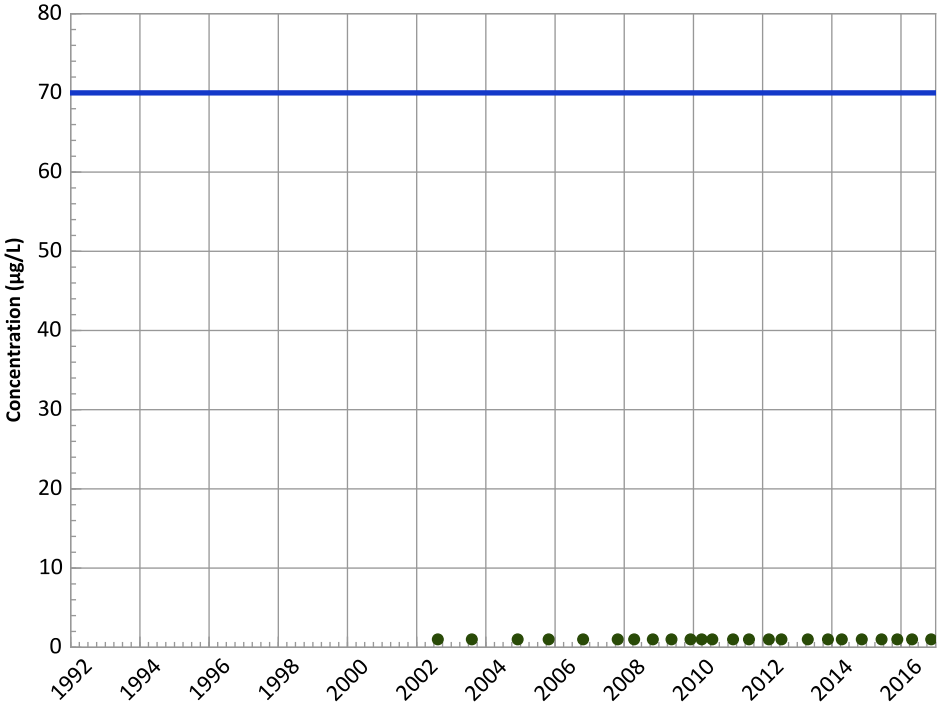
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

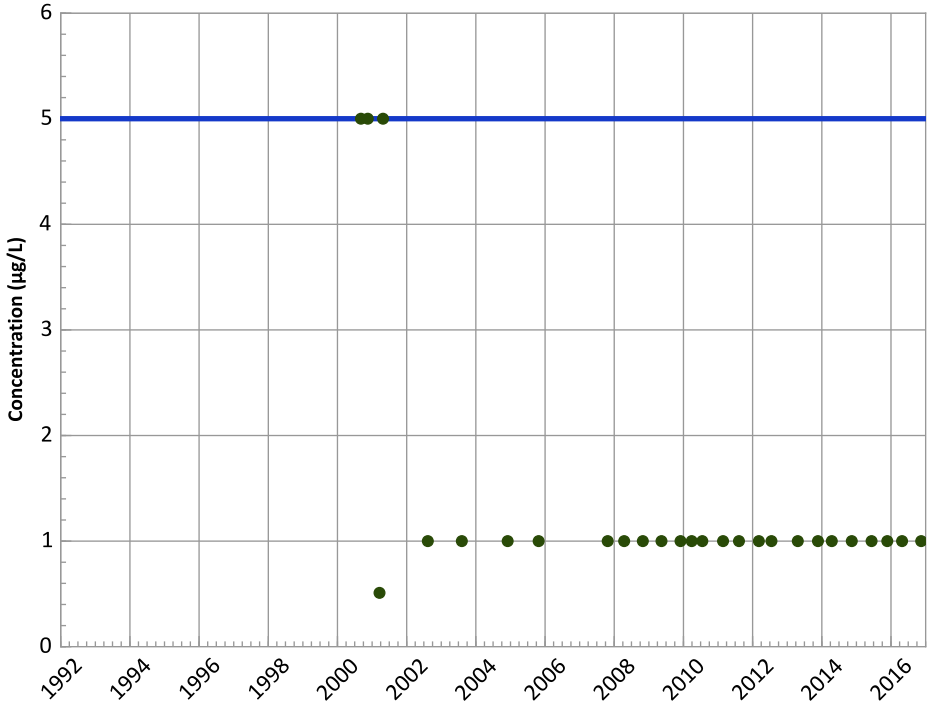


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend

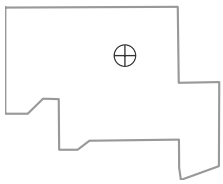


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Well Location

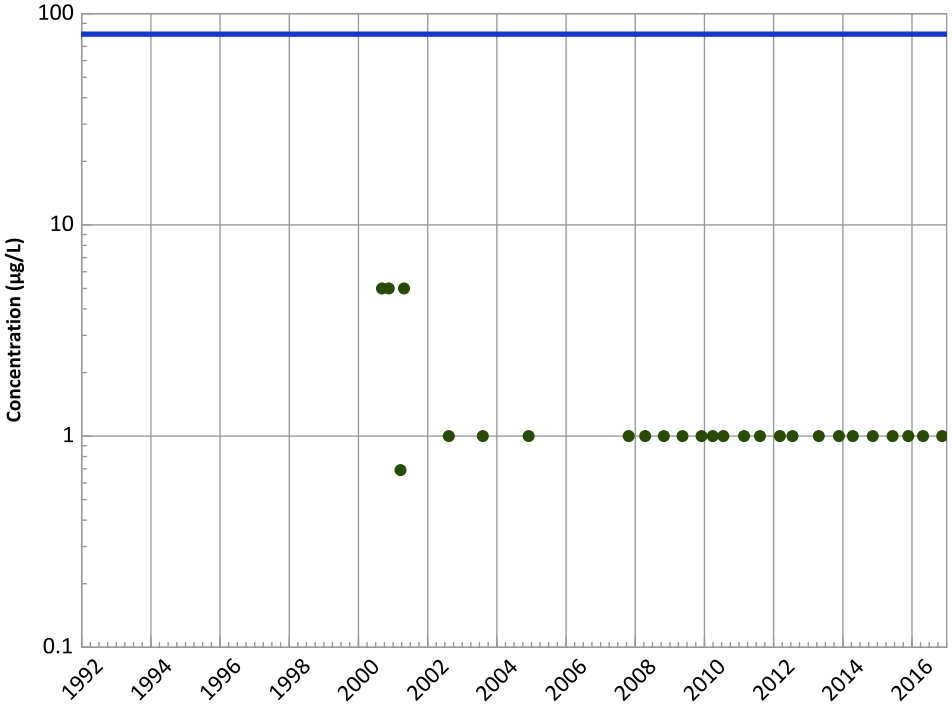


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 11/15/2016
Analysis Date: 03/07/2017

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

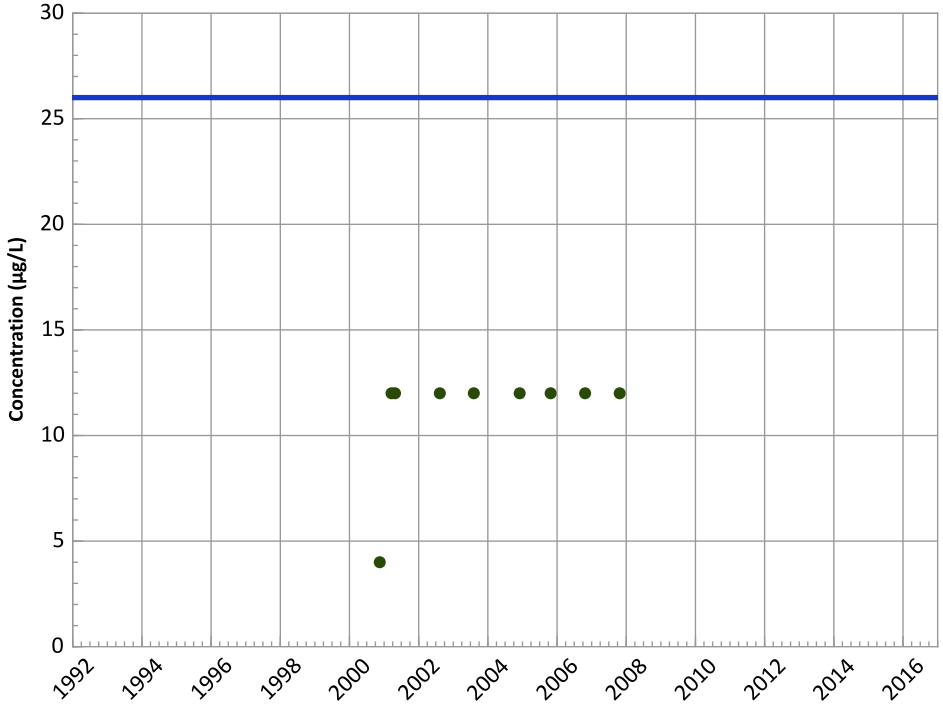


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

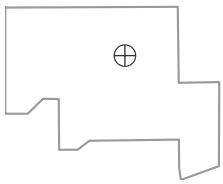
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 11/15/2016
Analysis Date: 03/07/2017

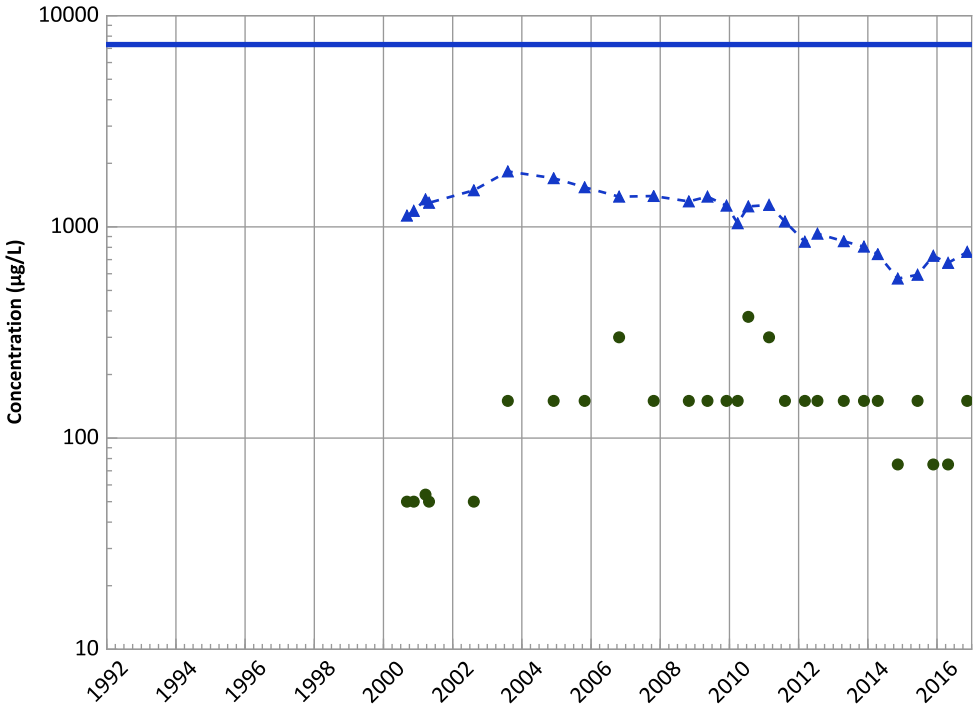
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

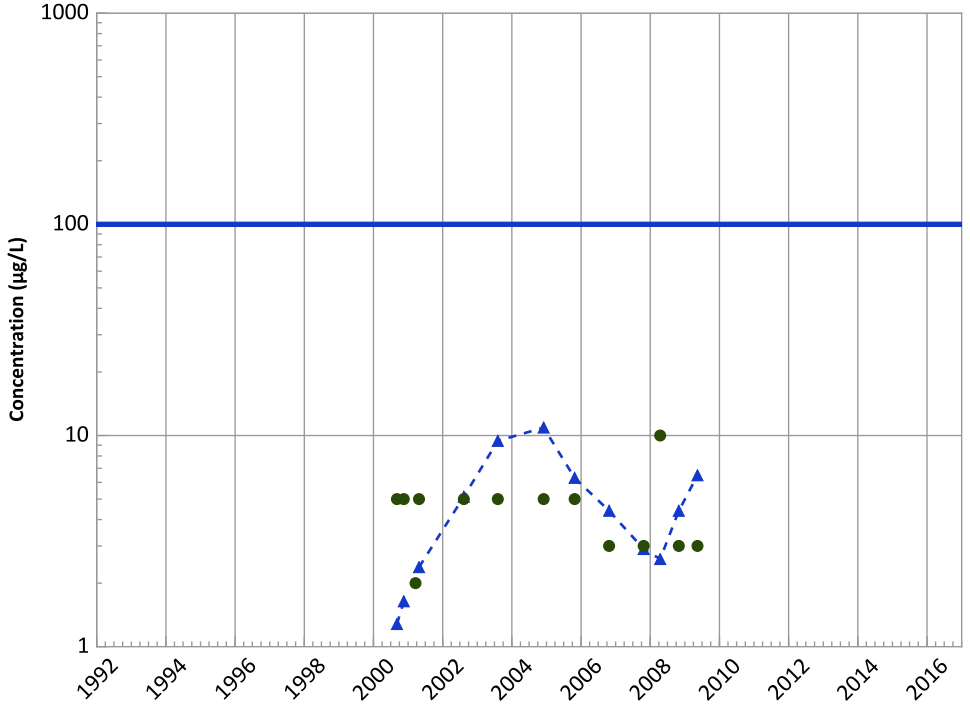


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

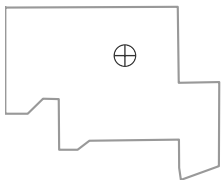
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 11/15/2016
Analysis Date: 03/07/2017

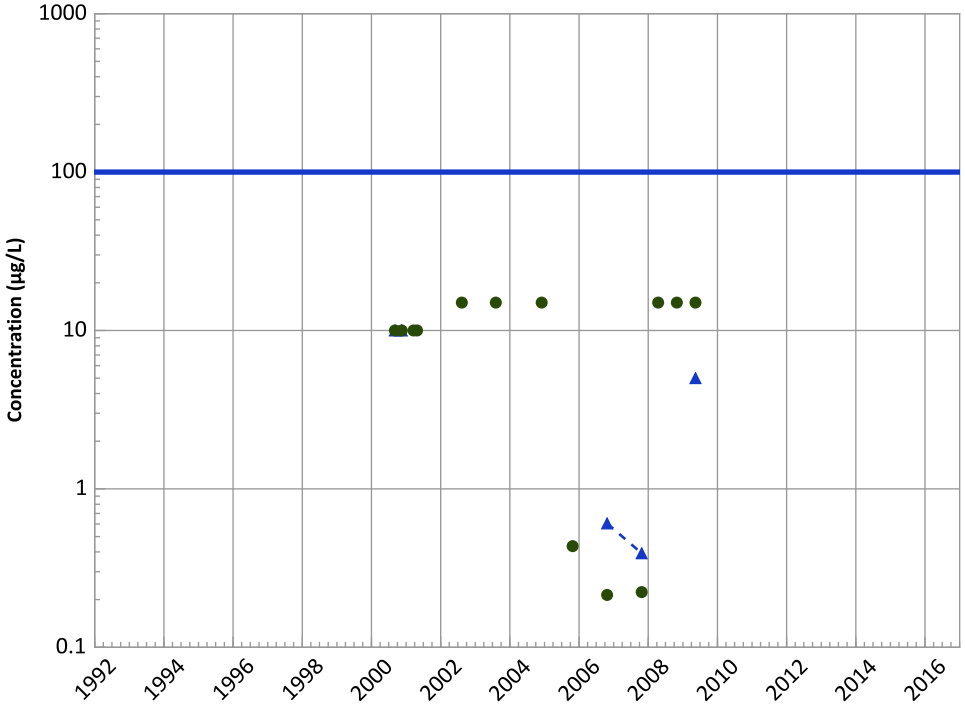
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

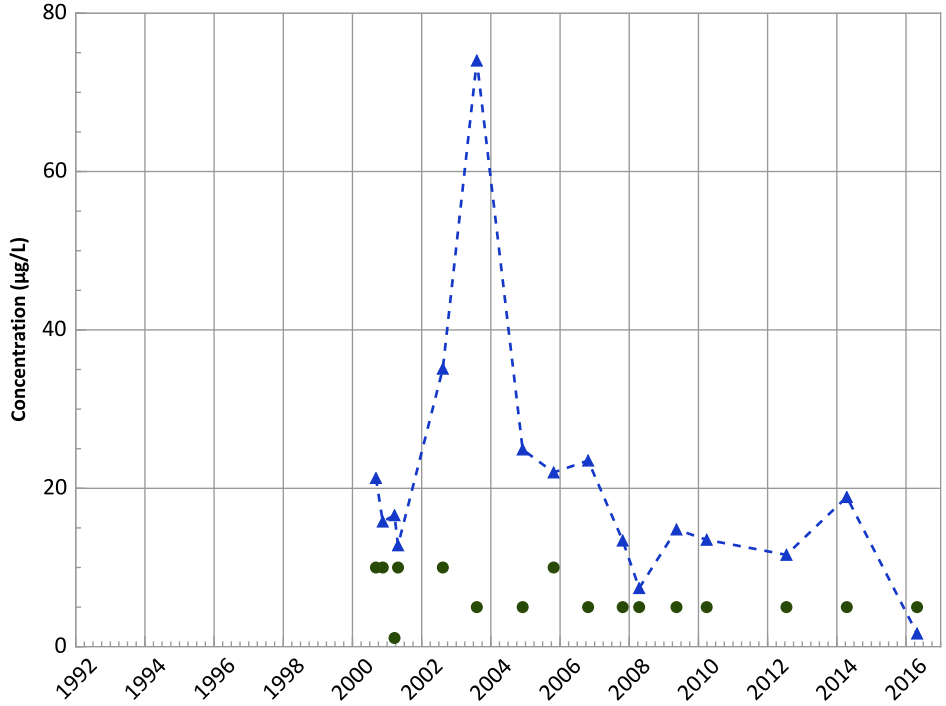


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Manganese Trend



Concentration Trend

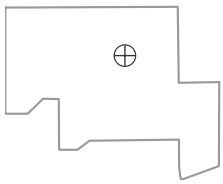
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 11/15/2016
Analysis Date: 03/07/2017

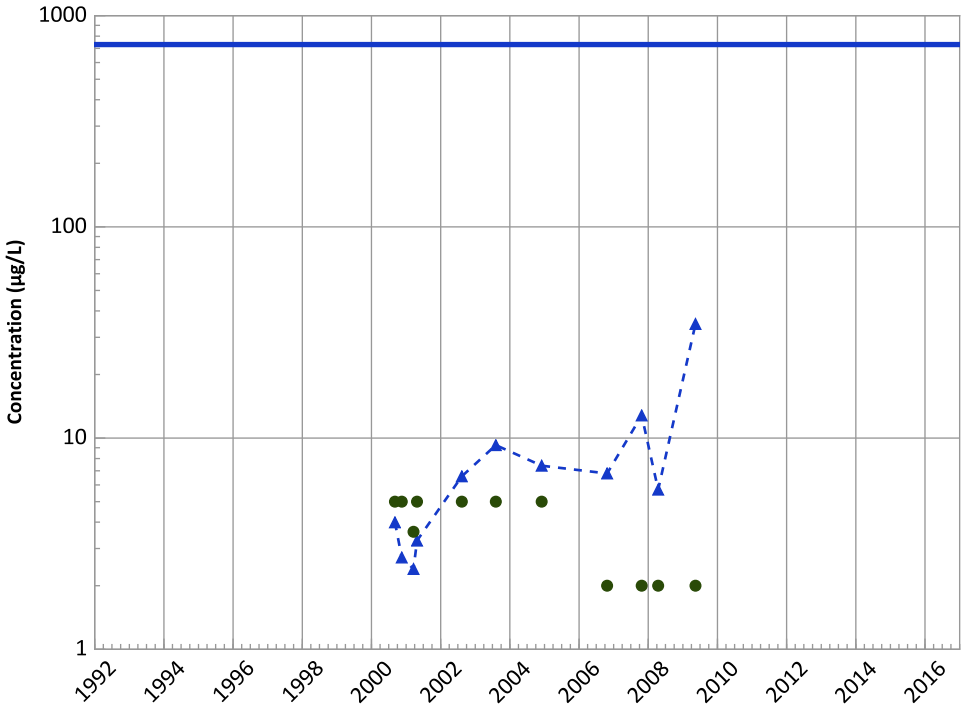
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

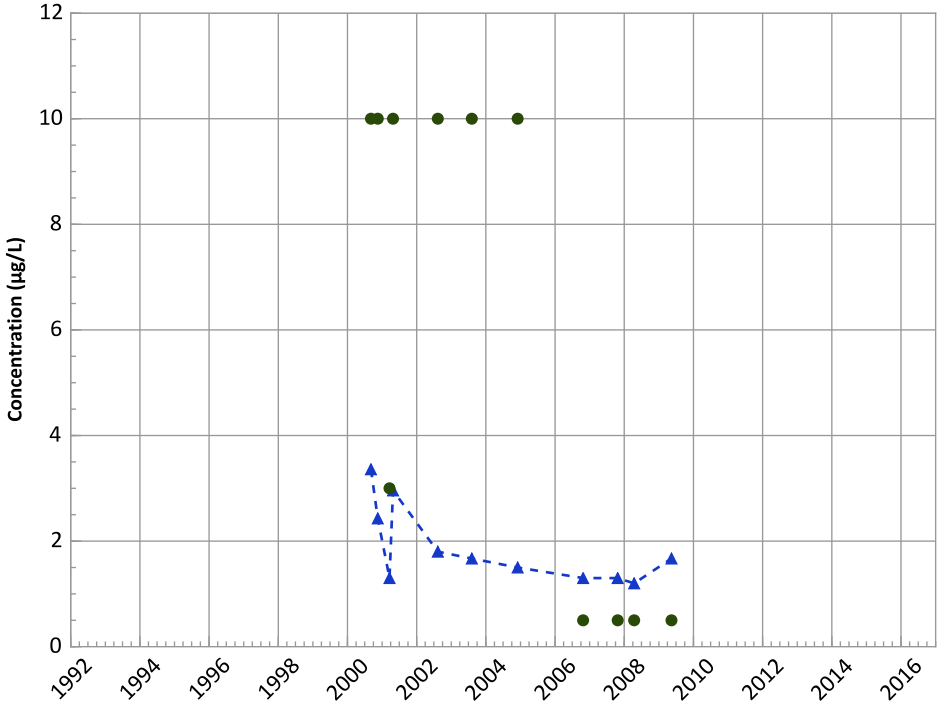


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Molybdenum Trend



Concentration Trend

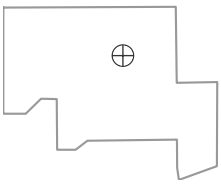
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 11/15/2016
Analysis Date: 03/07/2017

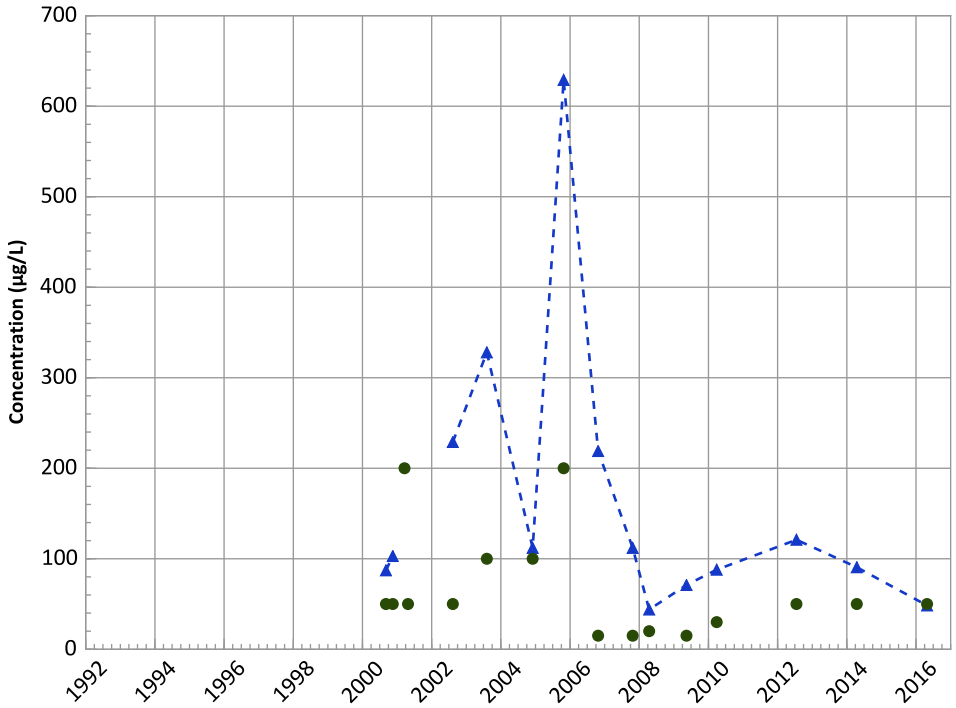
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

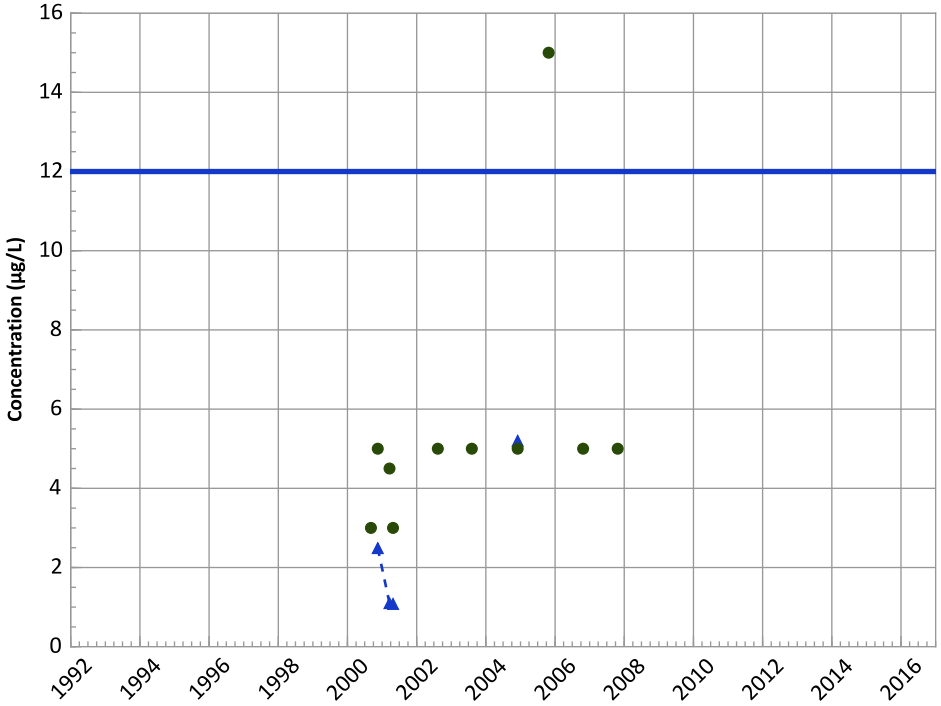


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Decreasing

Arsenic Trend



Concentration Trend

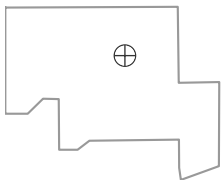
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 11/15/2016
Analysis Date: 03/07/2017

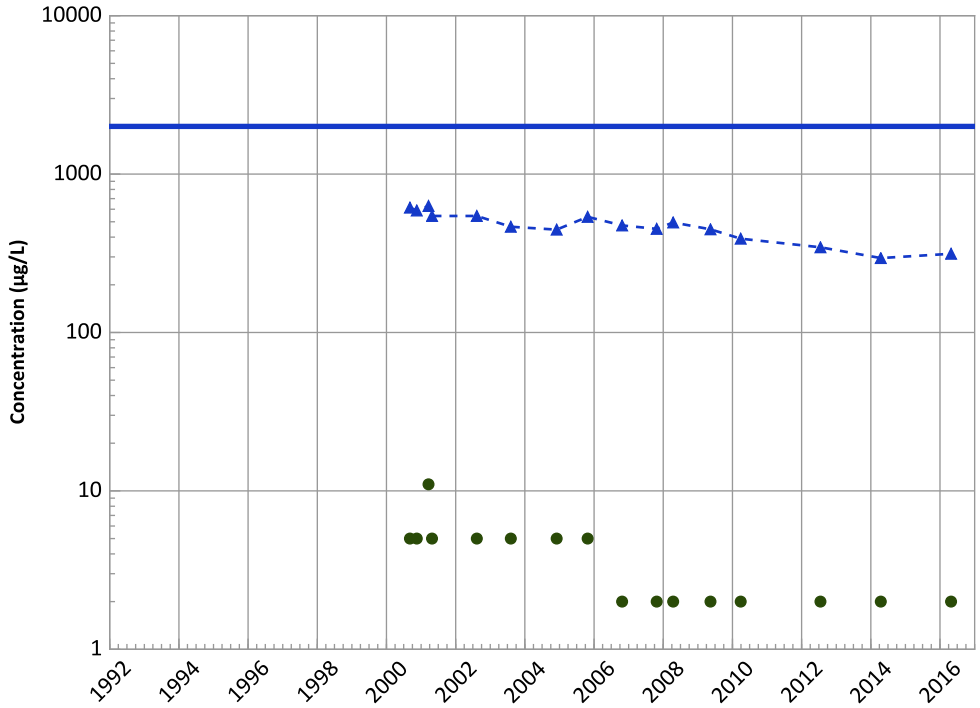
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

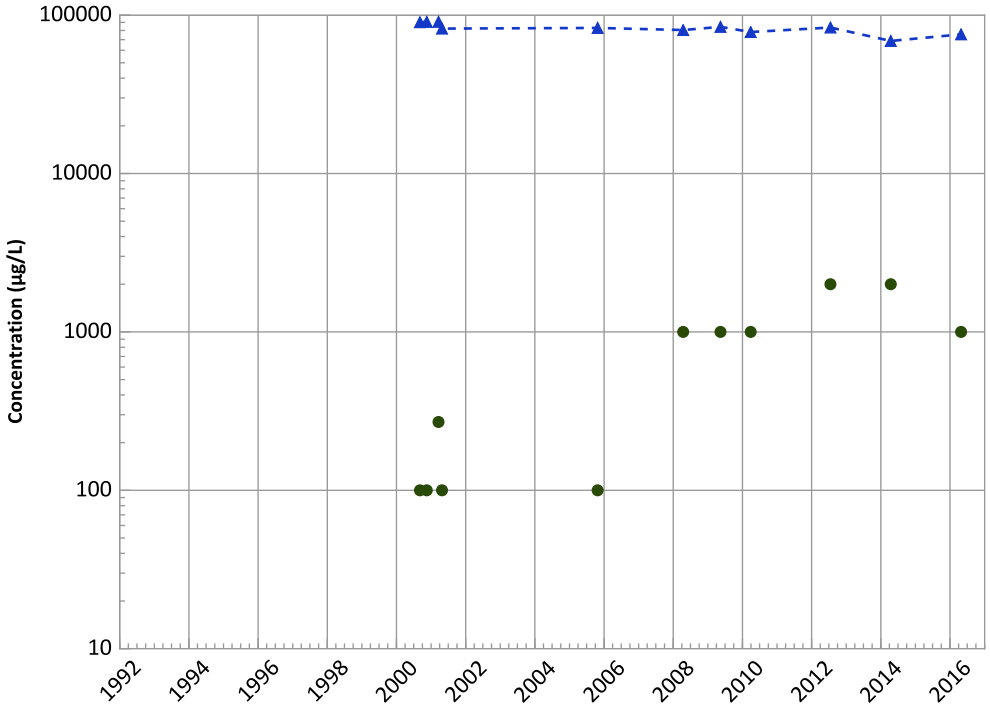


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Calcium Trend



Concentration Trend

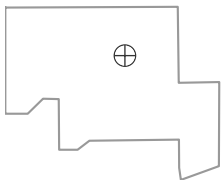
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 11/15/2016
Analysis Date: 03/07/2017

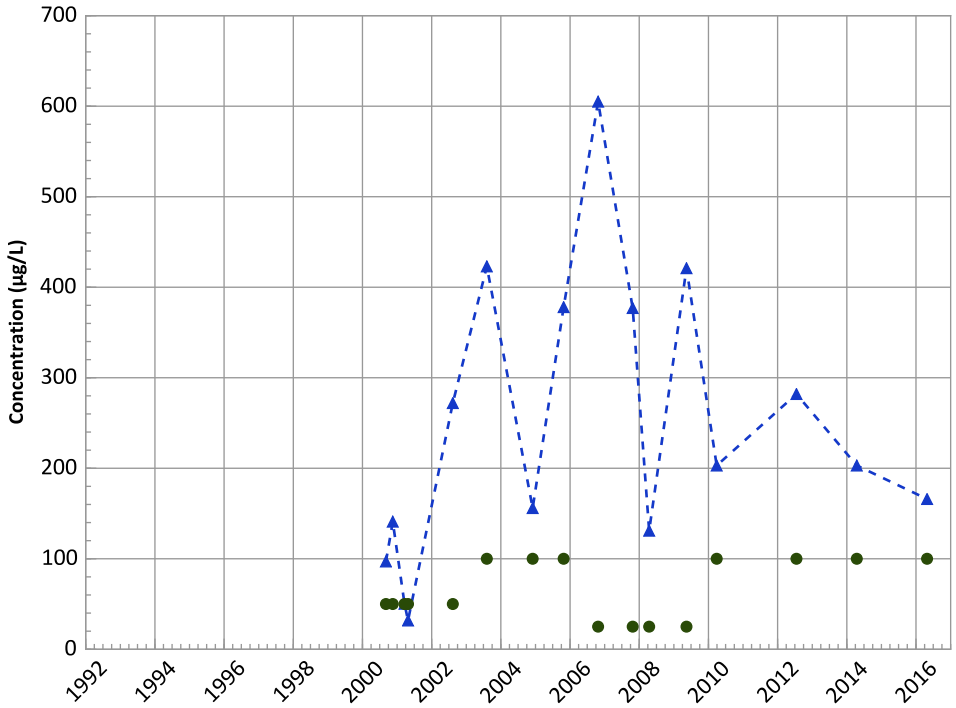
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

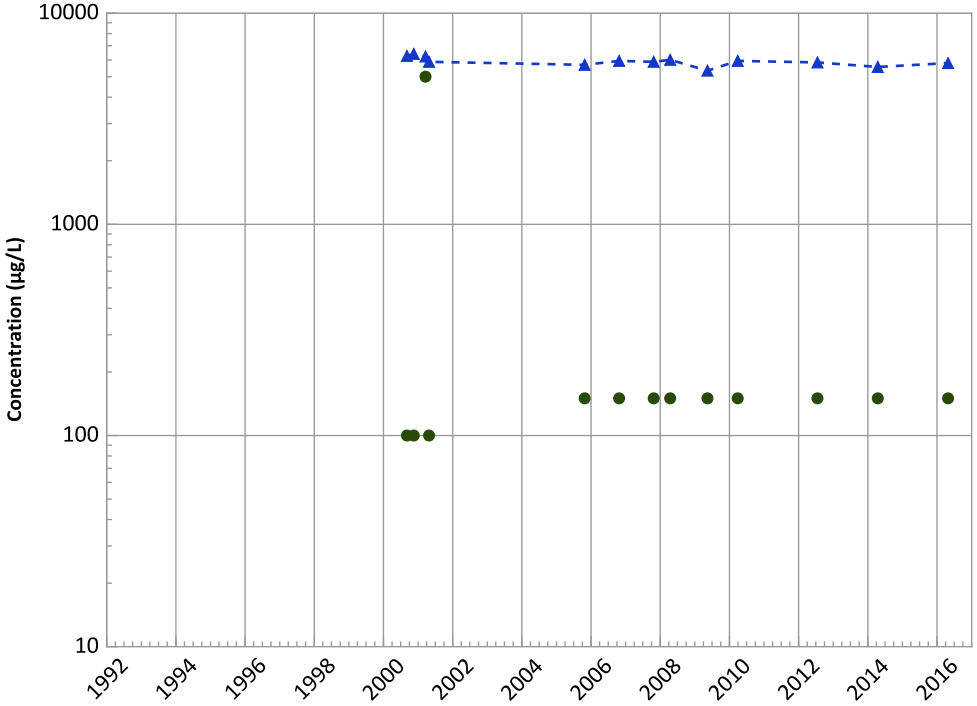


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Increasing

Potassium Trend



Concentration Trend

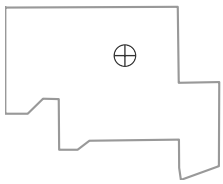
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 11/15/2016
Analysis Date: 03/07/2017

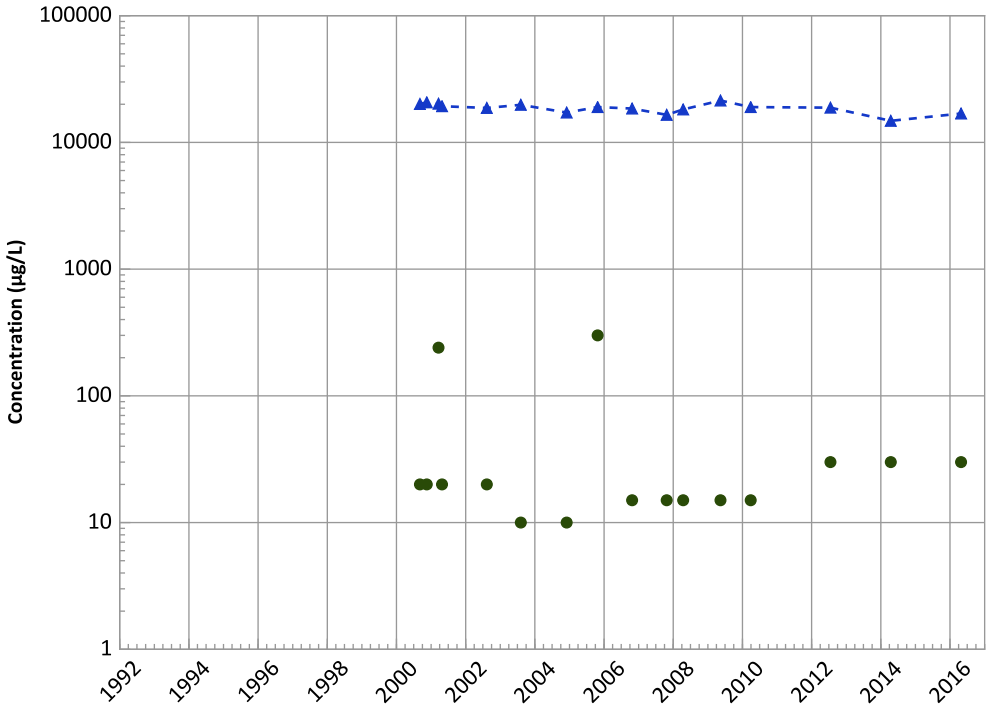
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

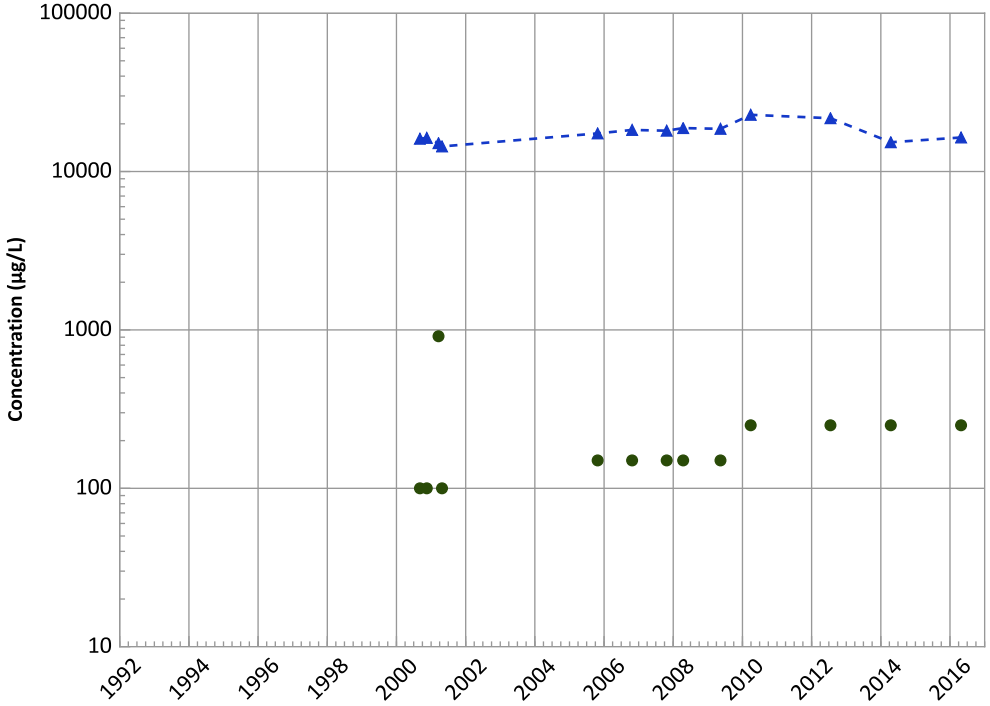


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Sodium Trend



Concentration Trend

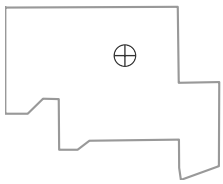
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Increasing

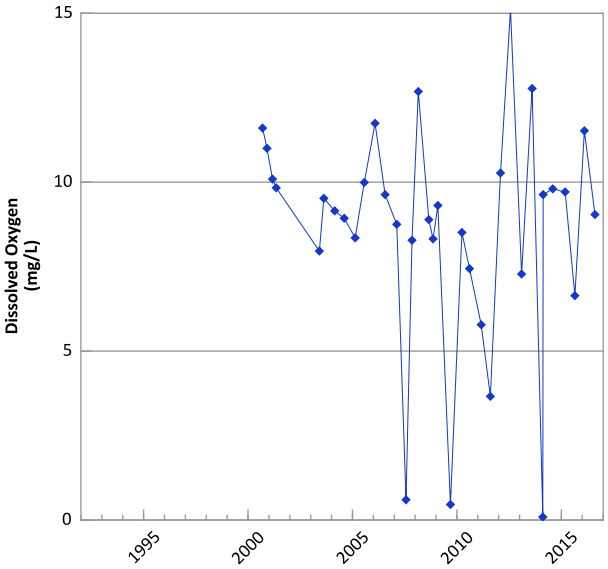
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/05/2000 to 11/15/2016
Analysis Date: 03/07/2017

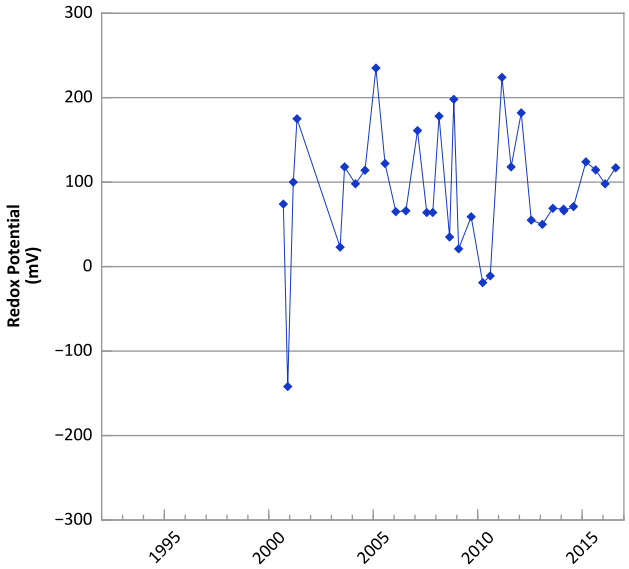
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

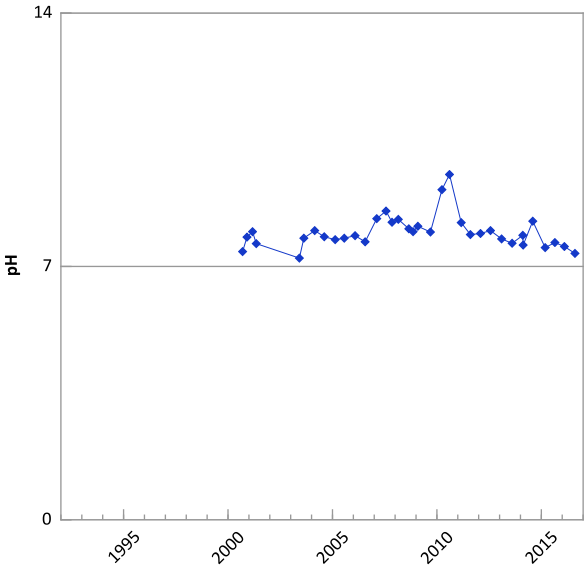
Well Location

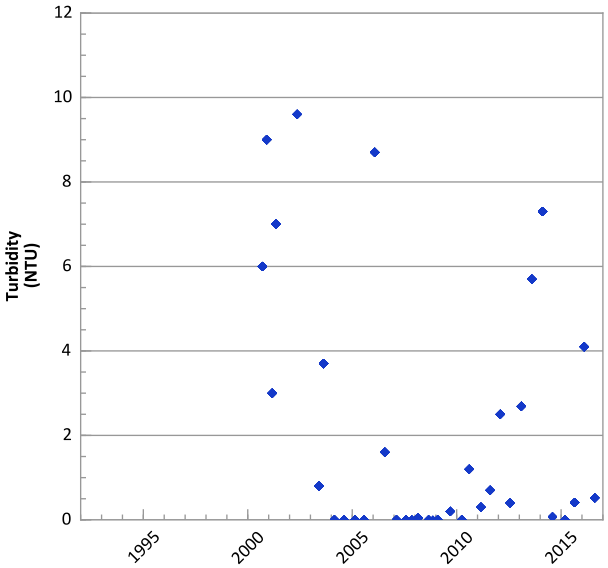


PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



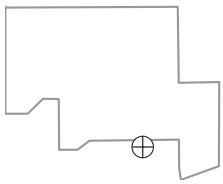






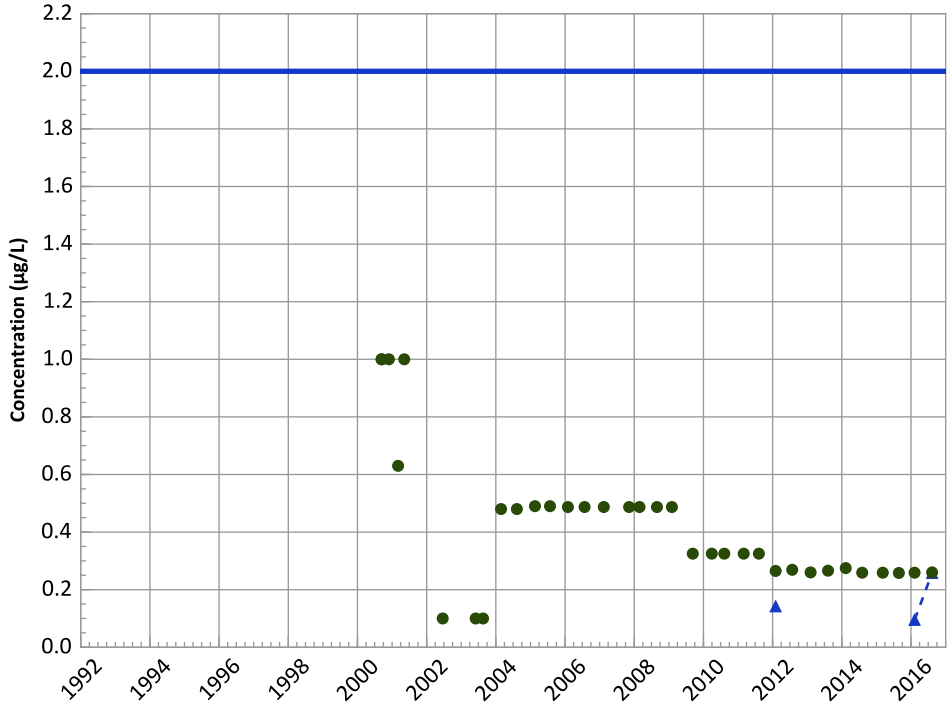
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 08/11/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

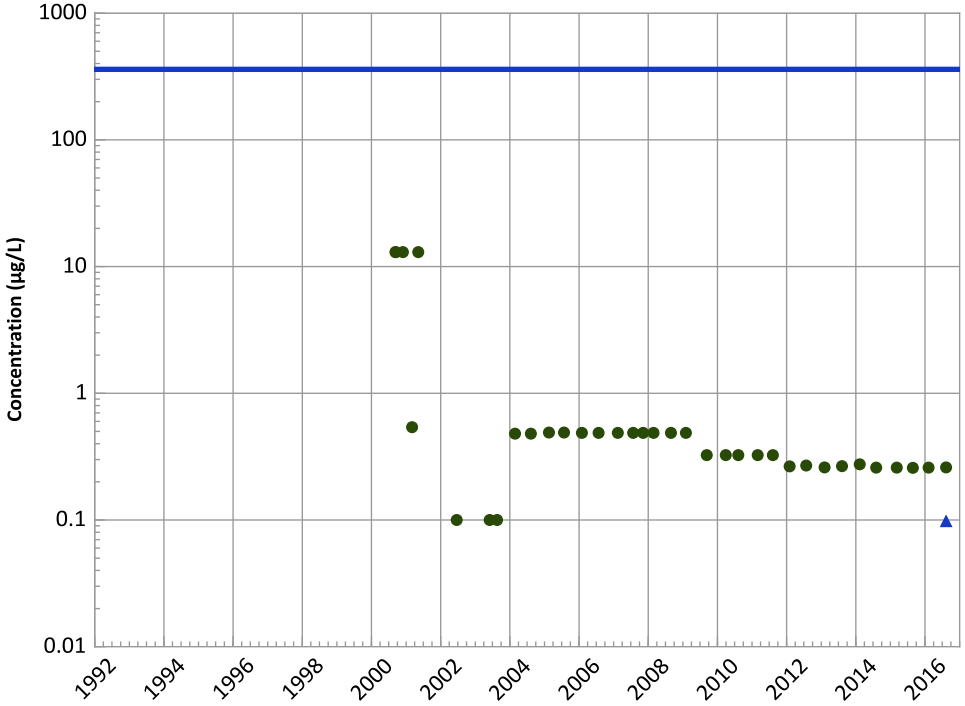


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

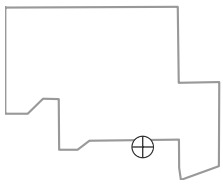
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 08/11/2016
Analysis Date: 03/07/2017

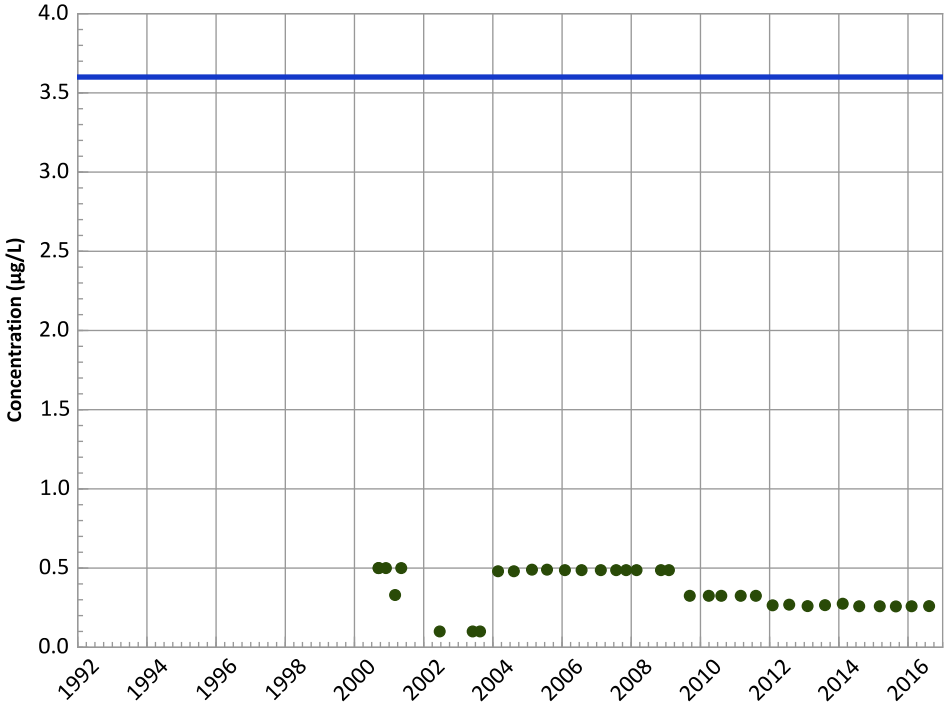
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

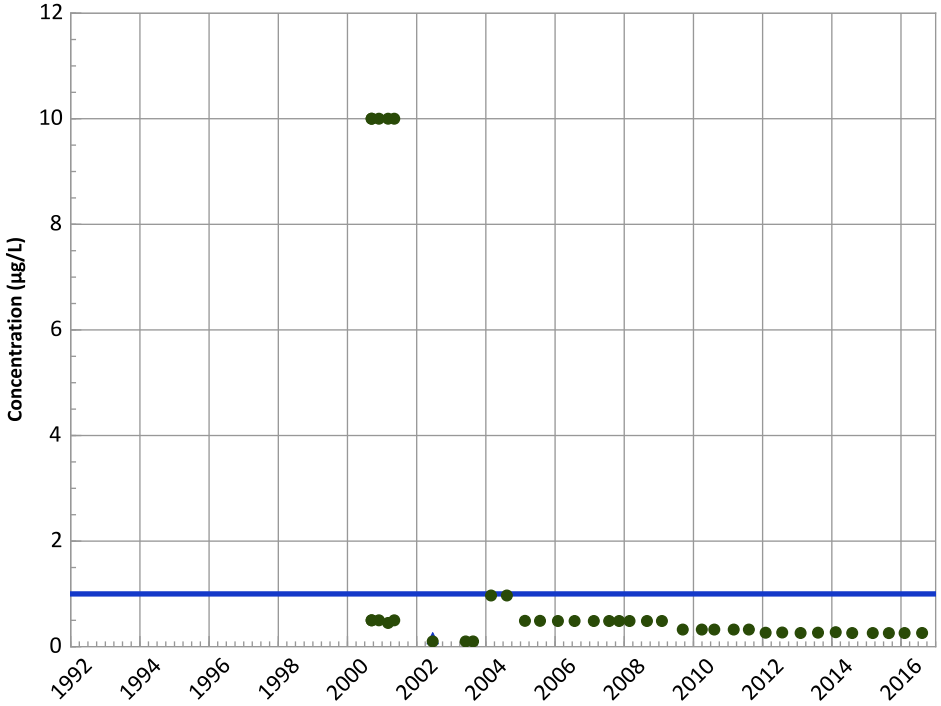


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

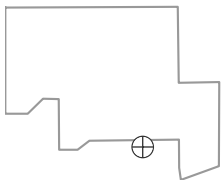
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 08/11/2016
Analysis Date: 03/07/2017

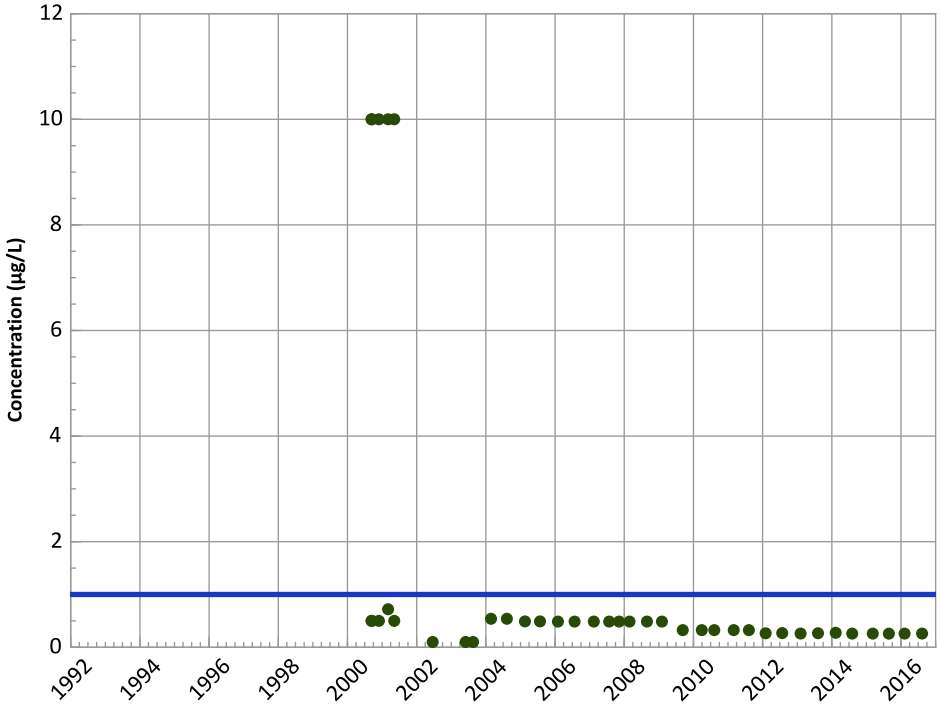
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

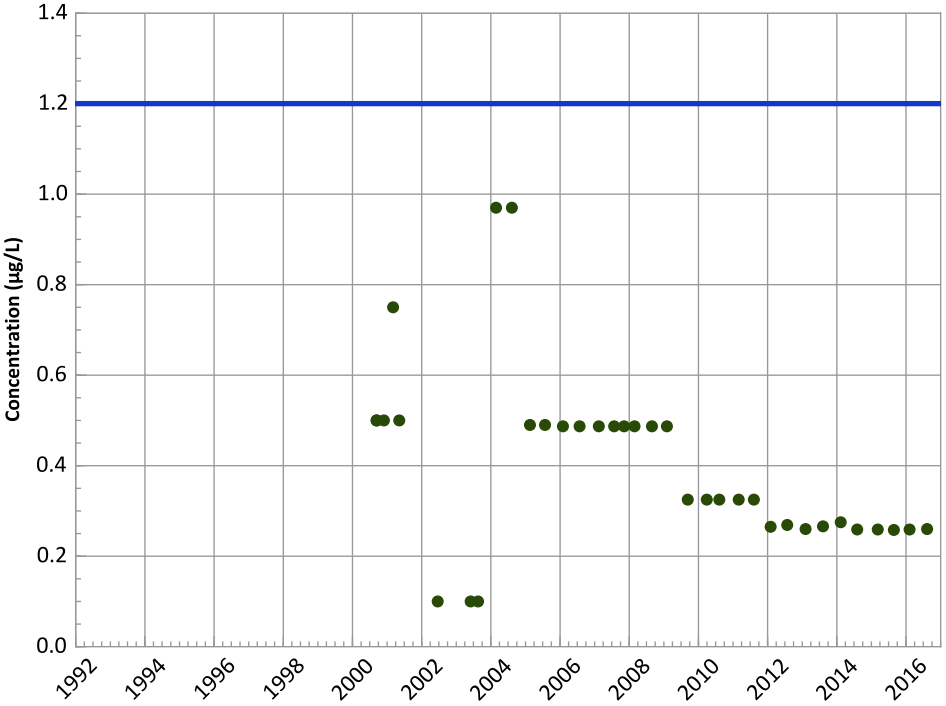


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

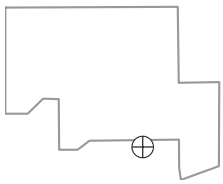
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 08/11/2016
Analysis Date: 03/07/2017

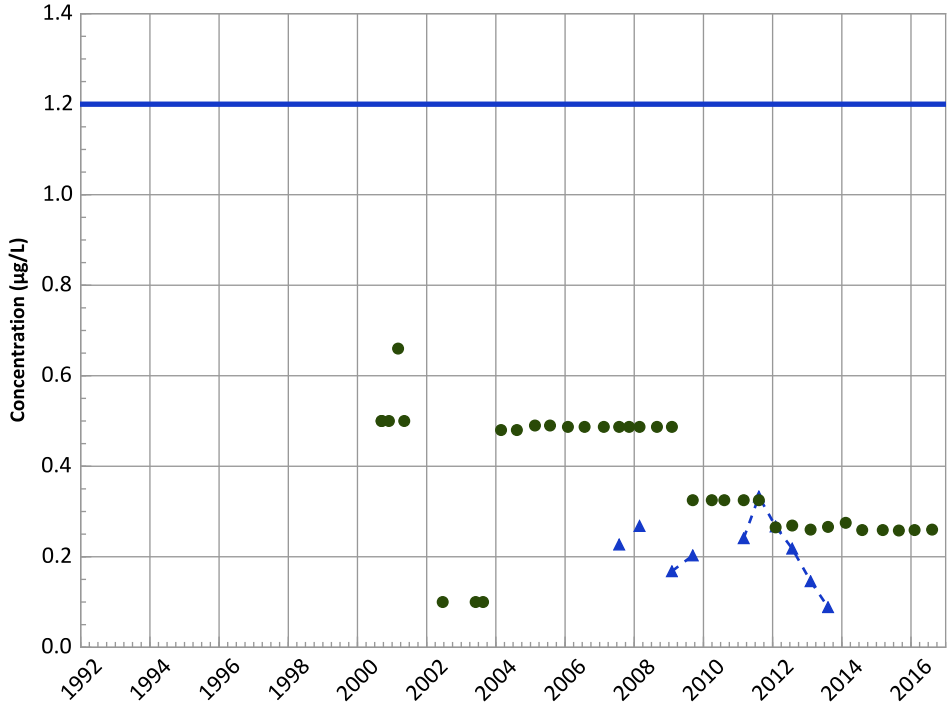
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

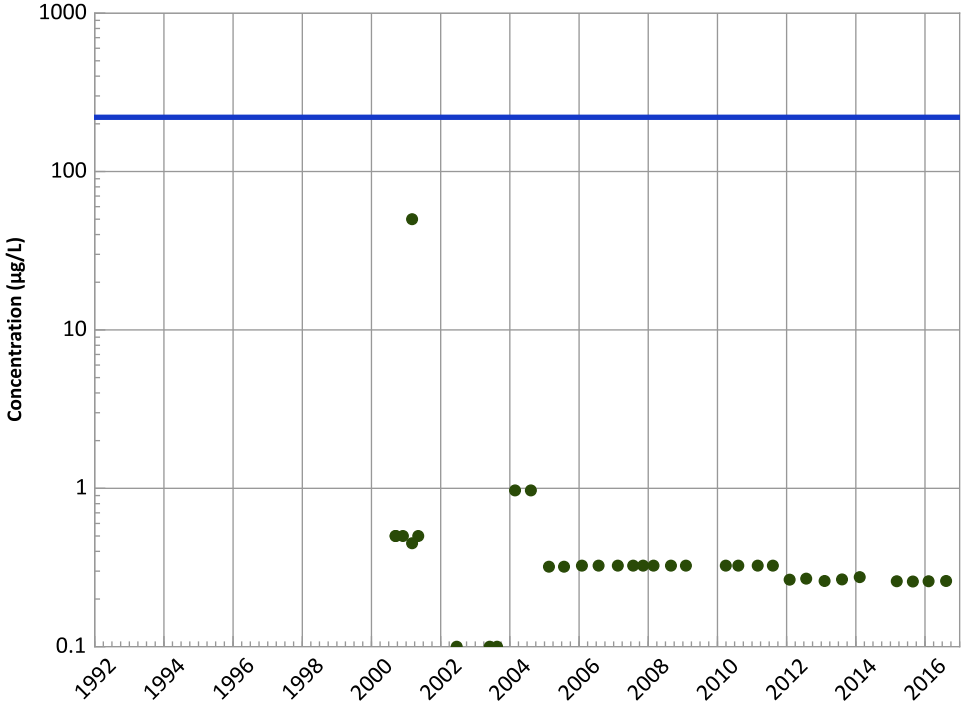


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

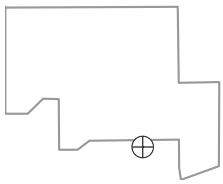
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 08/11/2016
Analysis Date: 03/07/2017

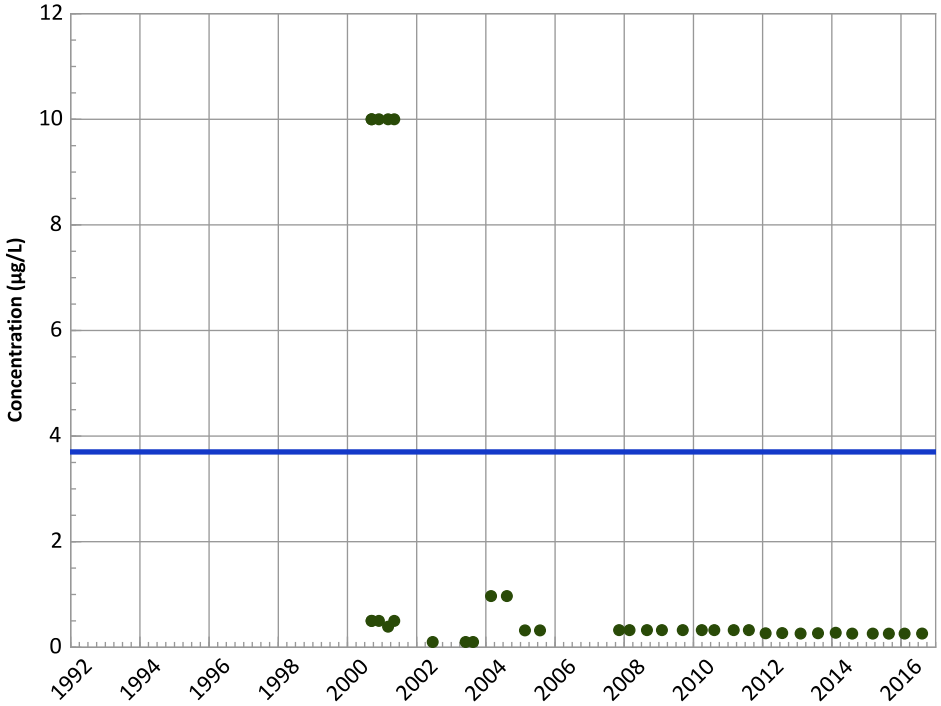
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

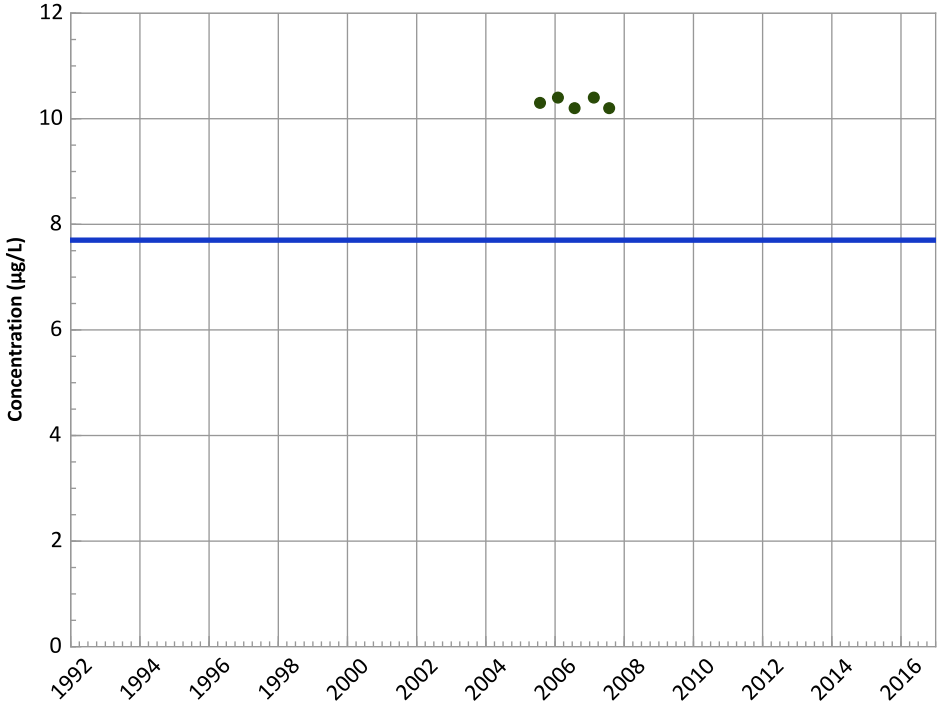


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

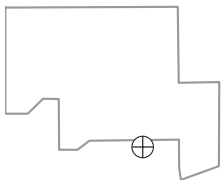
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 08/11/2016
Analysis Date: 03/07/2017

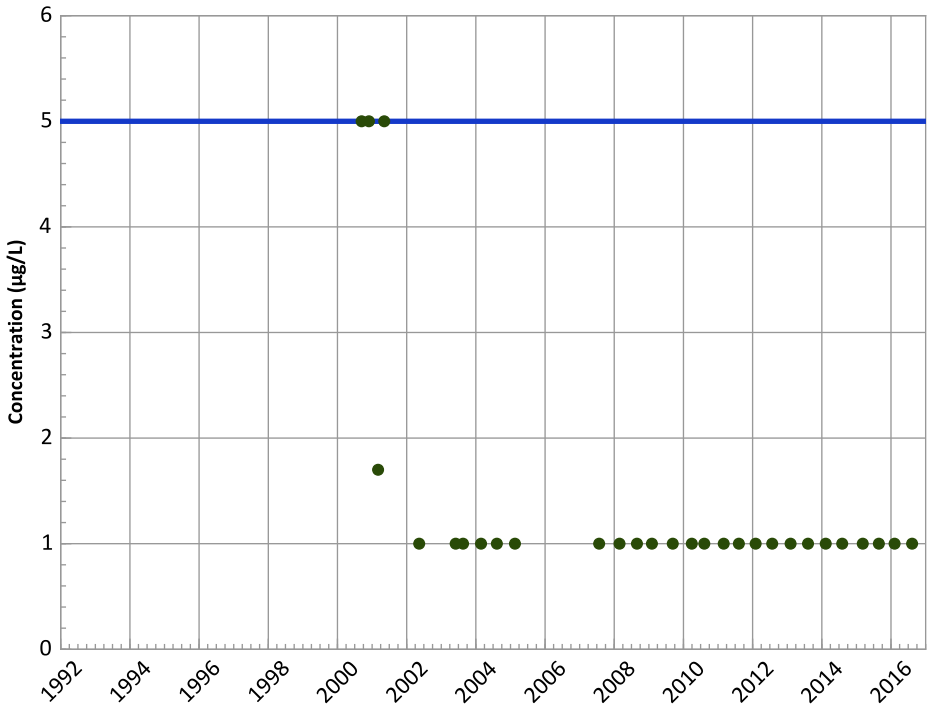
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

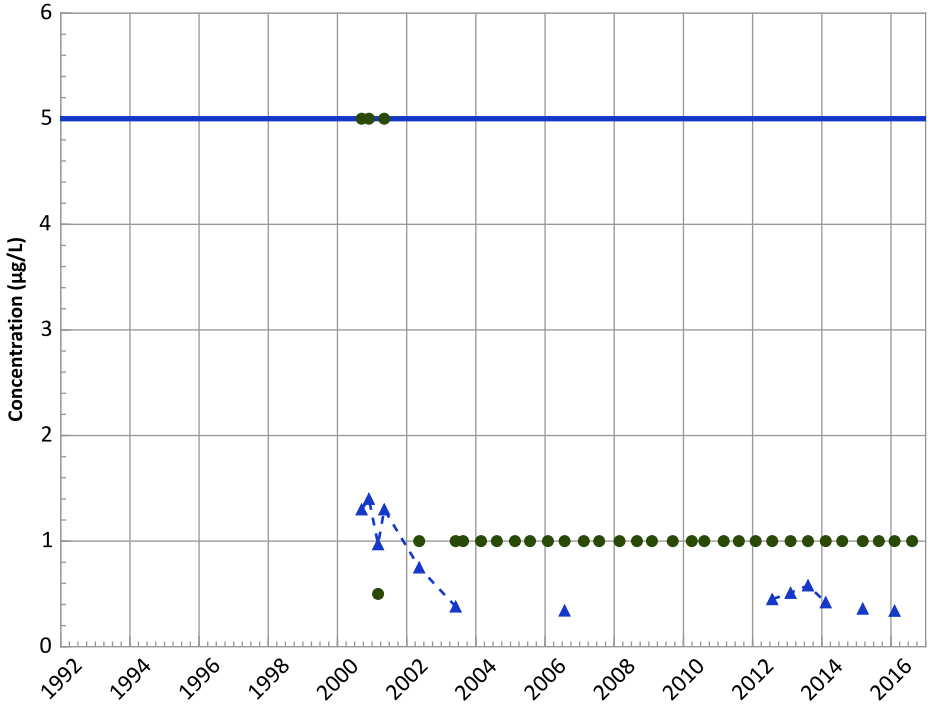


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

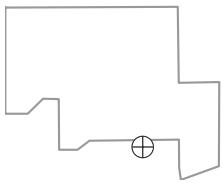
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 08/11/2016
Analysis Date: 03/07/2017

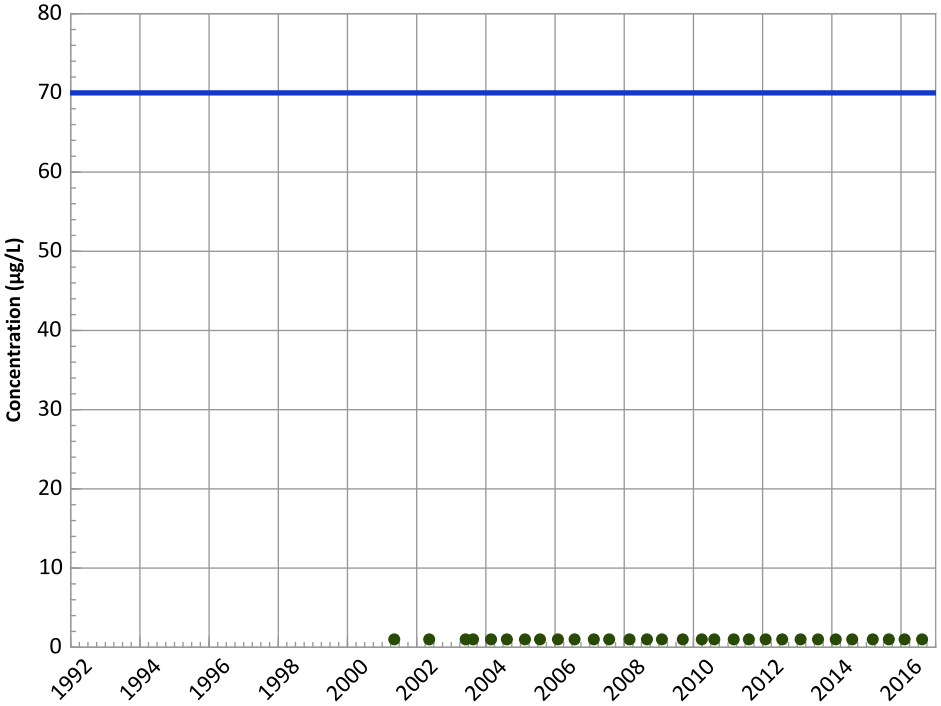
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

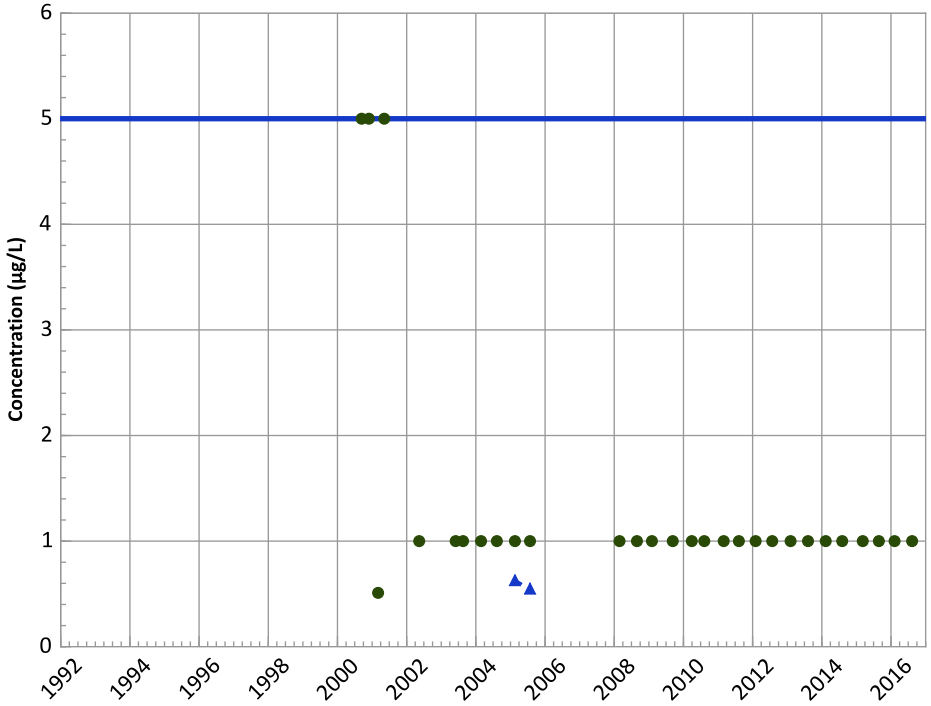


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

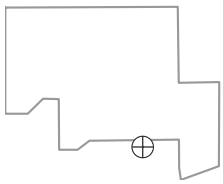
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 08/11/2016
Analysis Date: 03/07/2017

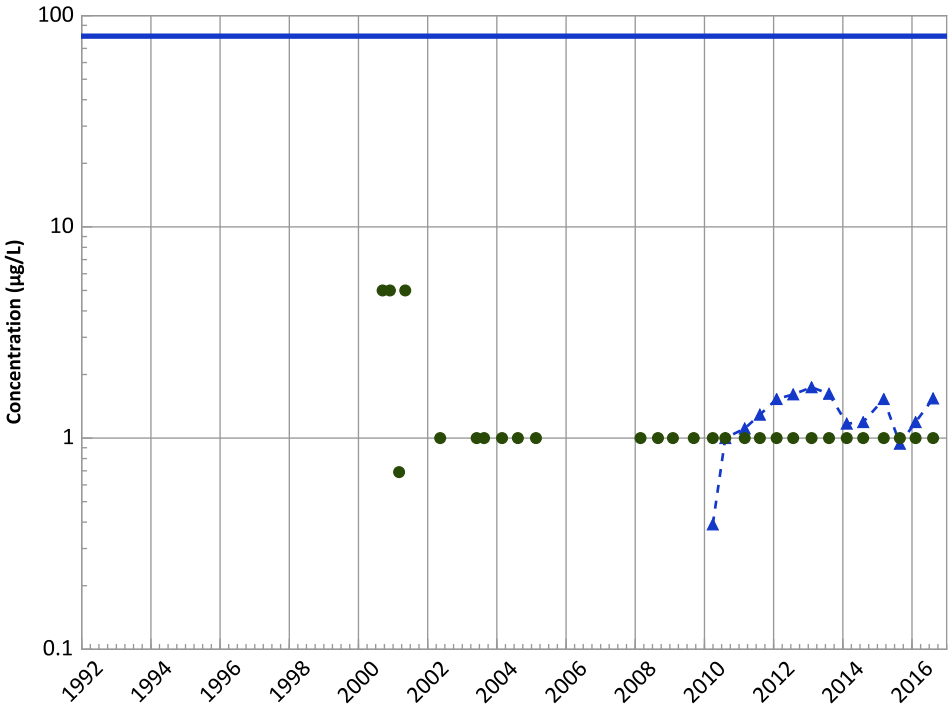
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

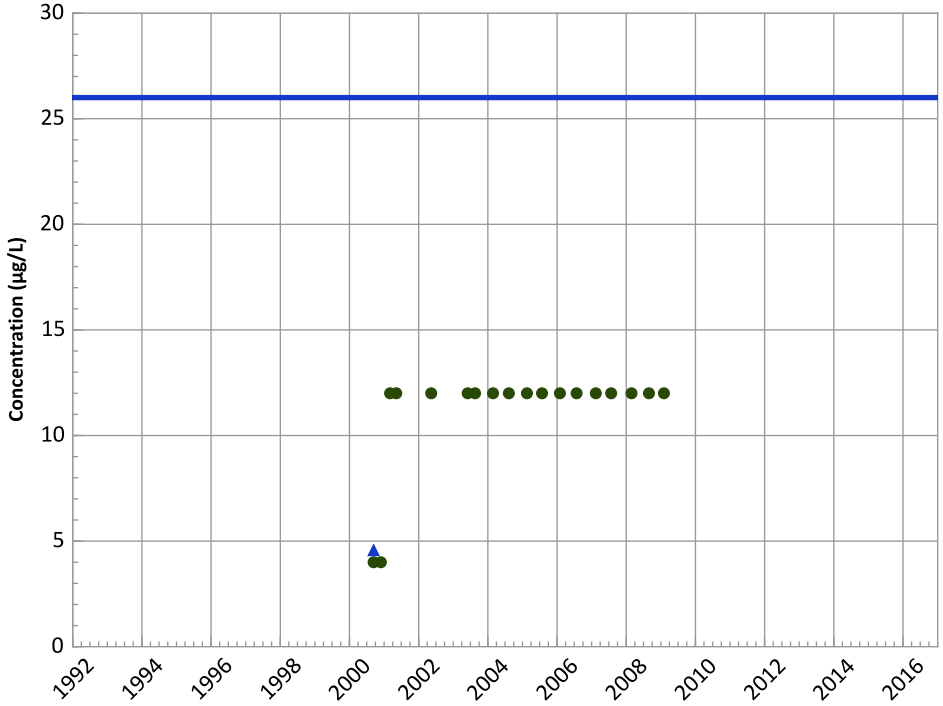


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

Perchlorate Trend



Concentration Trend

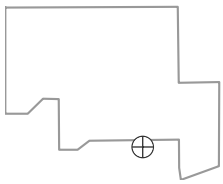
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 08/11/2016
Analysis Date: 03/07/2017

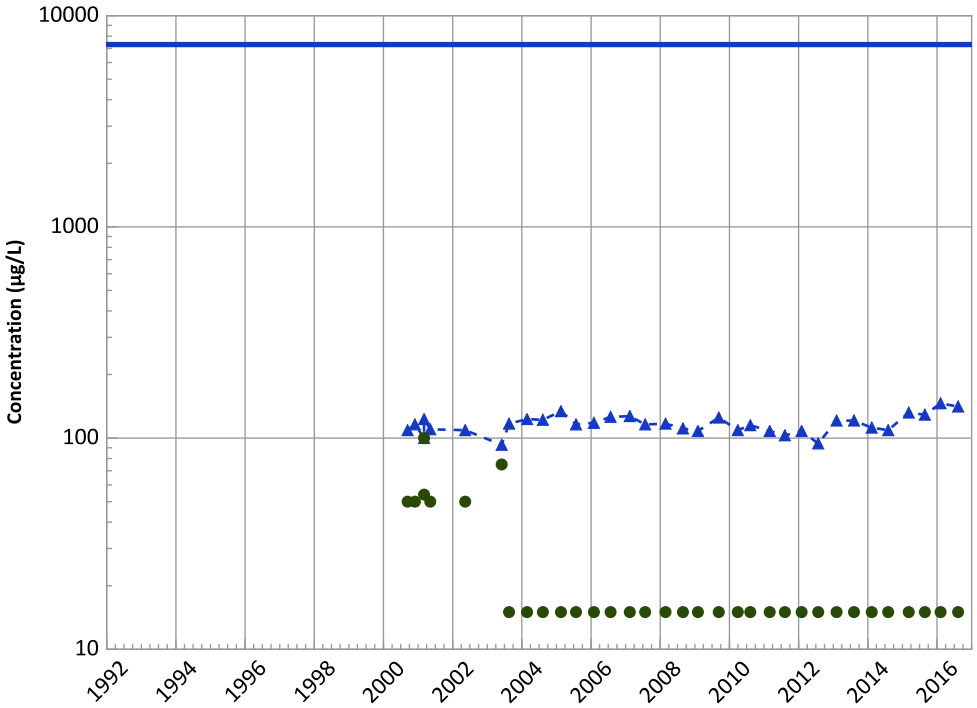
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

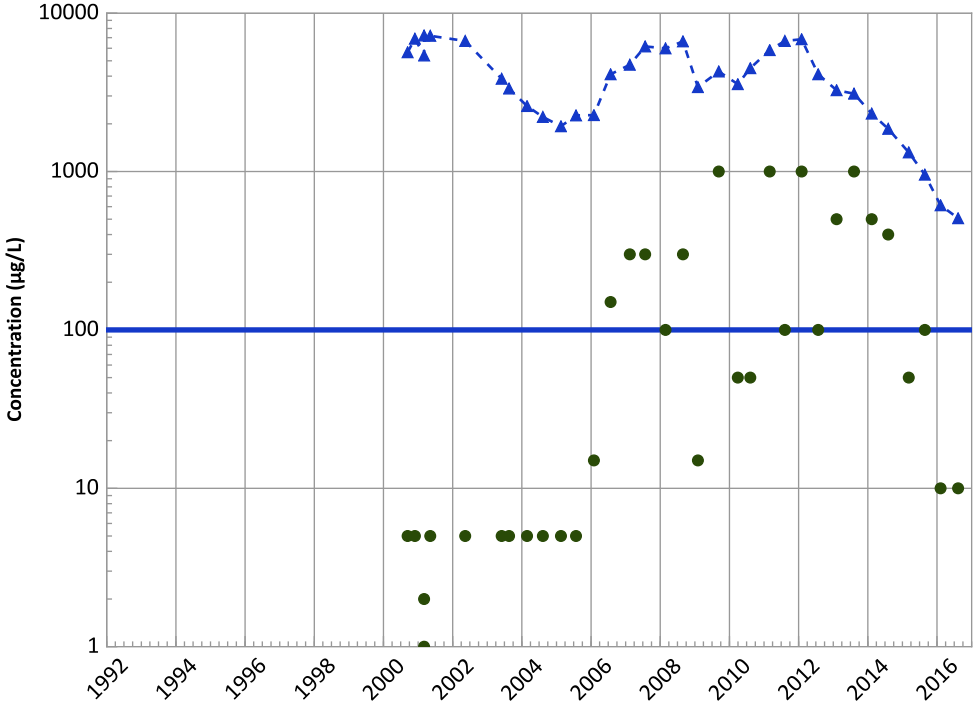


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Probably Increasing

Chromium, Total Trend



Concentration Trend

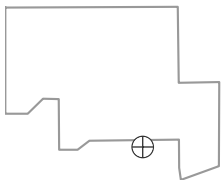
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 08/11/2016
Analysis Date: 03/07/2017

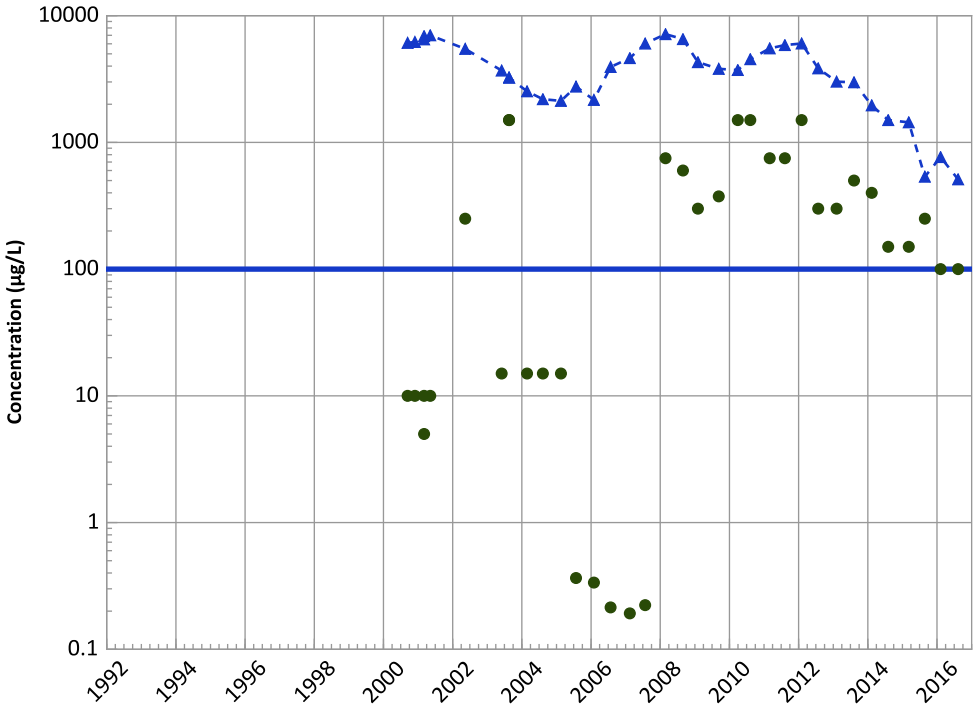
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

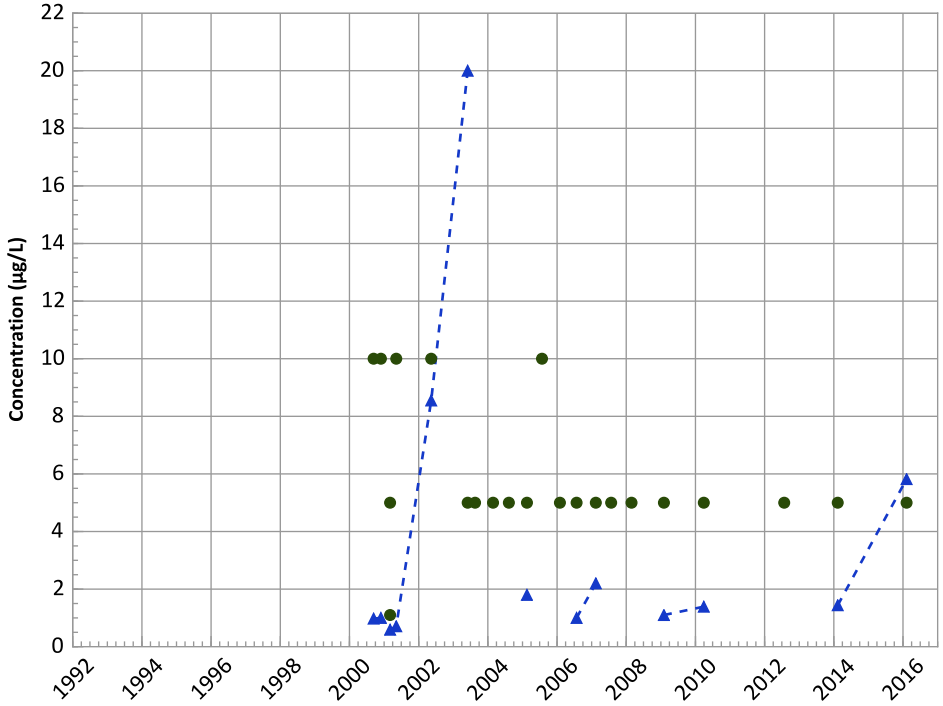


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Manganese Trend



Concentration Trend

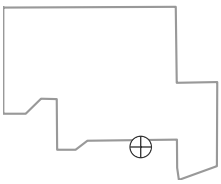
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 08/11/2016
Analysis Date: 03/07/2017

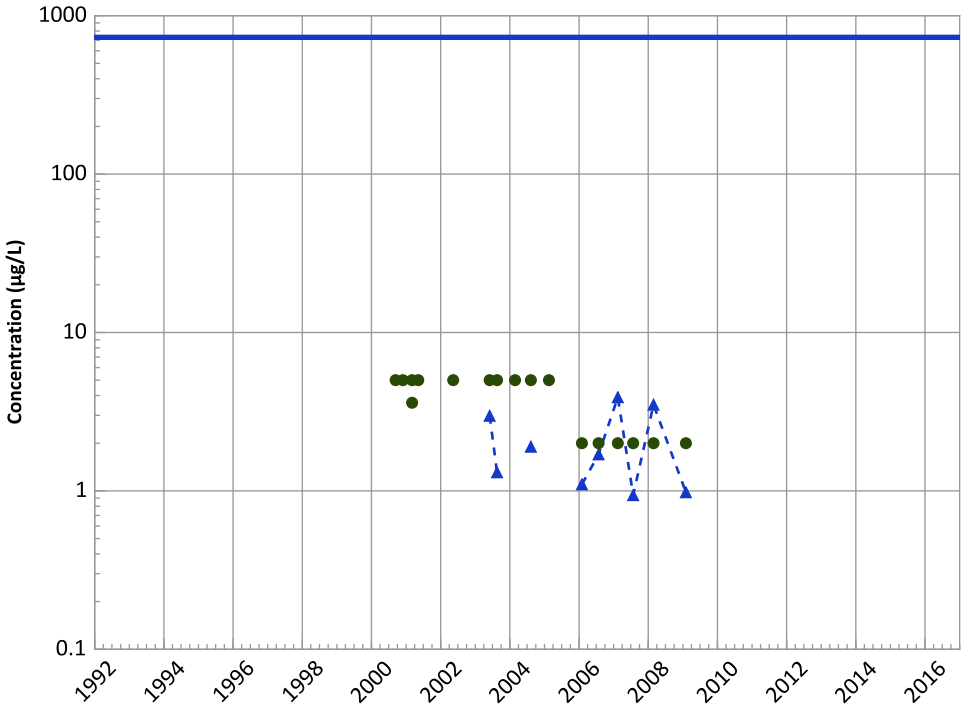
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

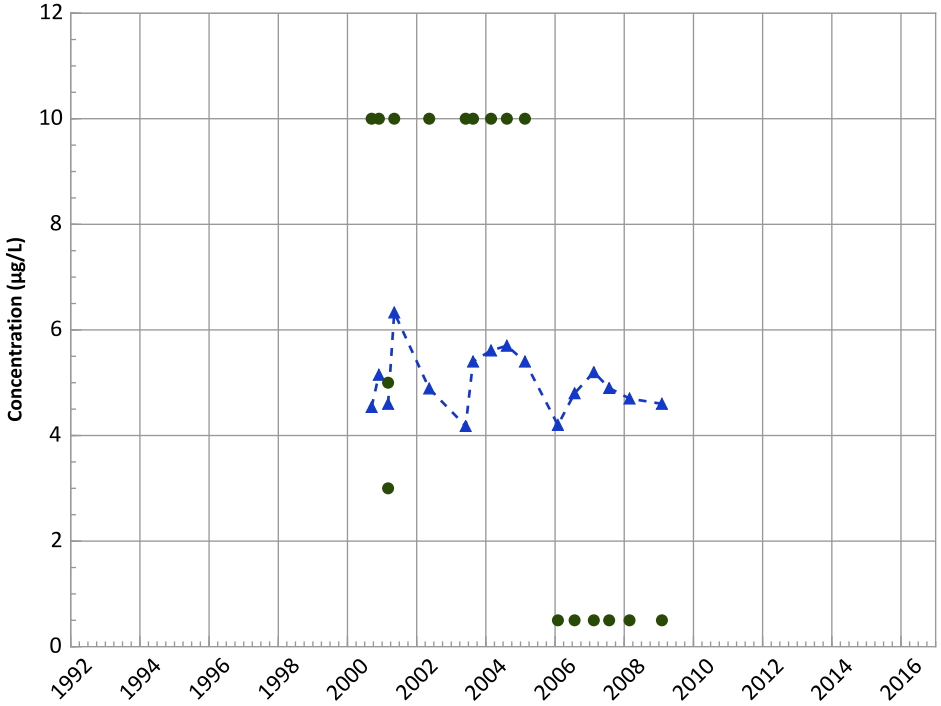


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Molybdenum Trend



Concentration Trend

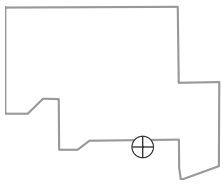
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 08/11/2016
Analysis Date: 03/07/2017

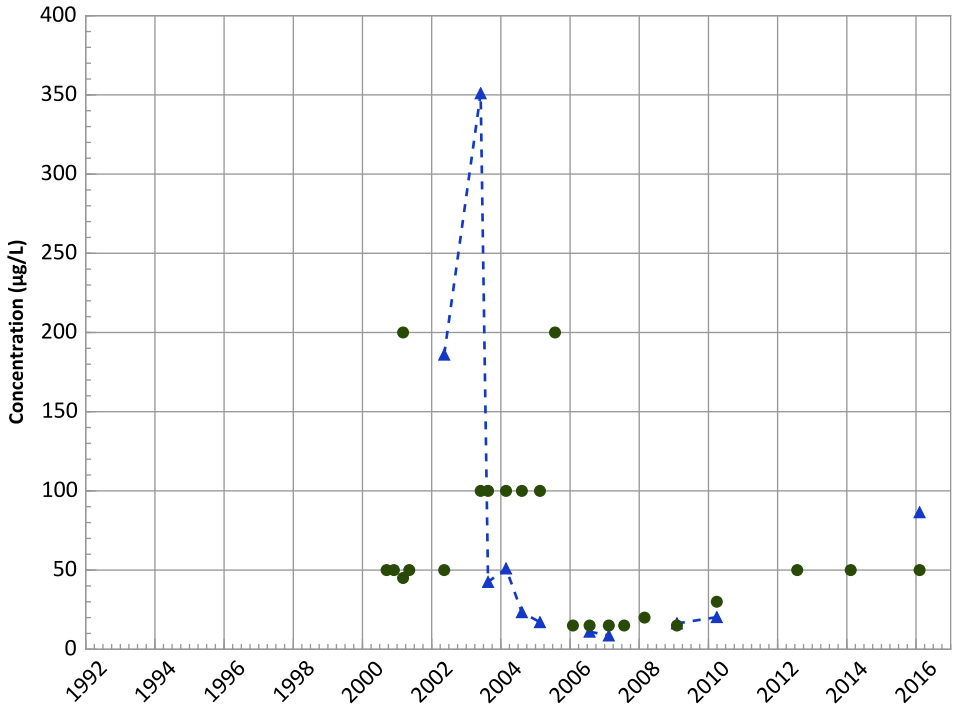
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

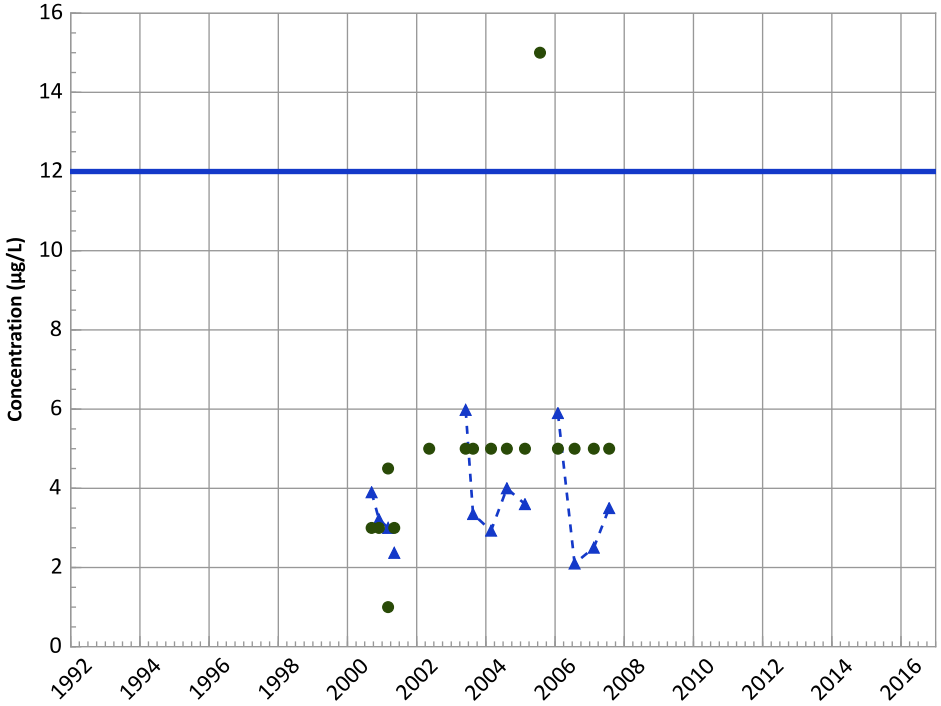


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Arsenic Trend



Concentration Trend

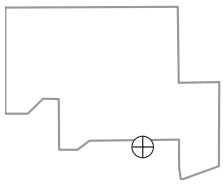
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 08/11/2016
Analysis Date: 03/07/2017

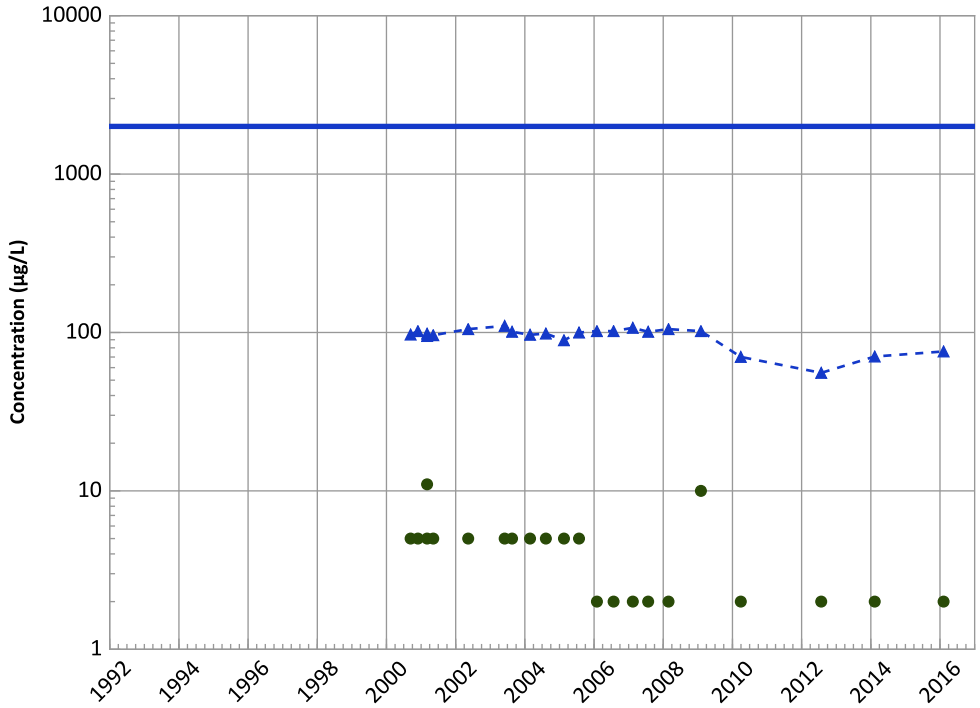
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

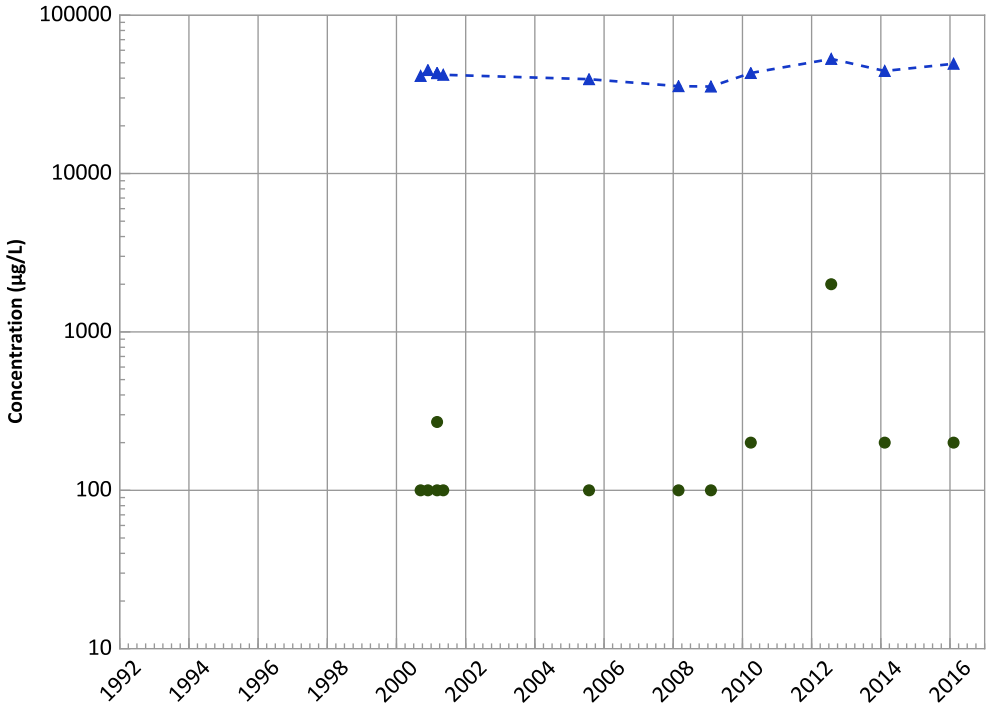


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Calcium Trend



Concentration Trend

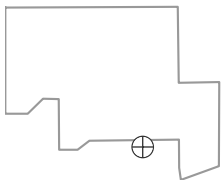
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 08/11/2016
Analysis Date: 03/07/2017

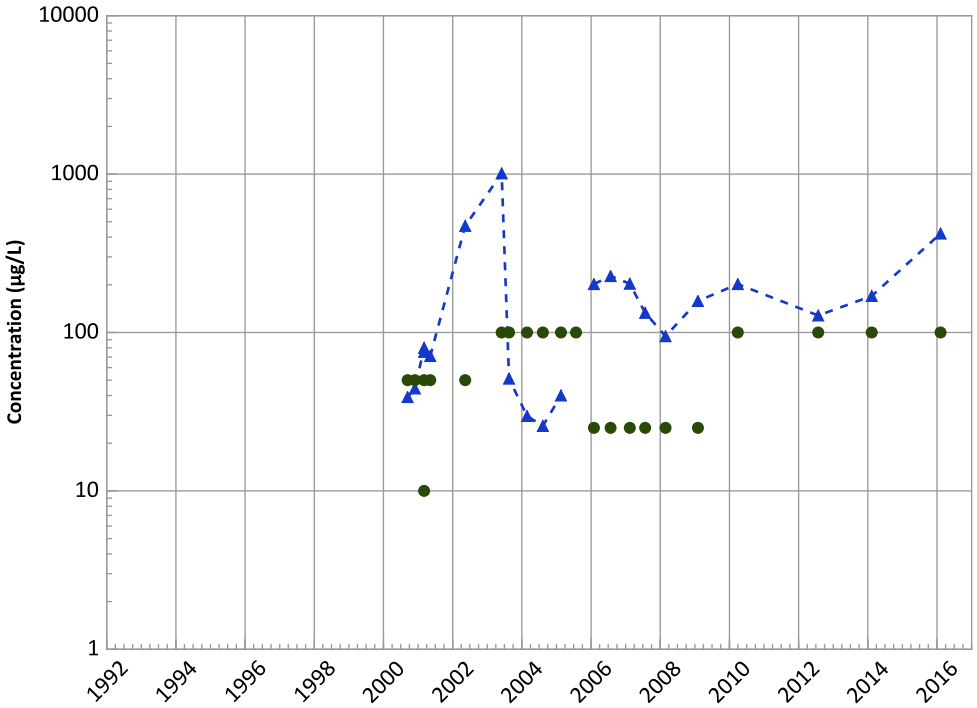
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
━ Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

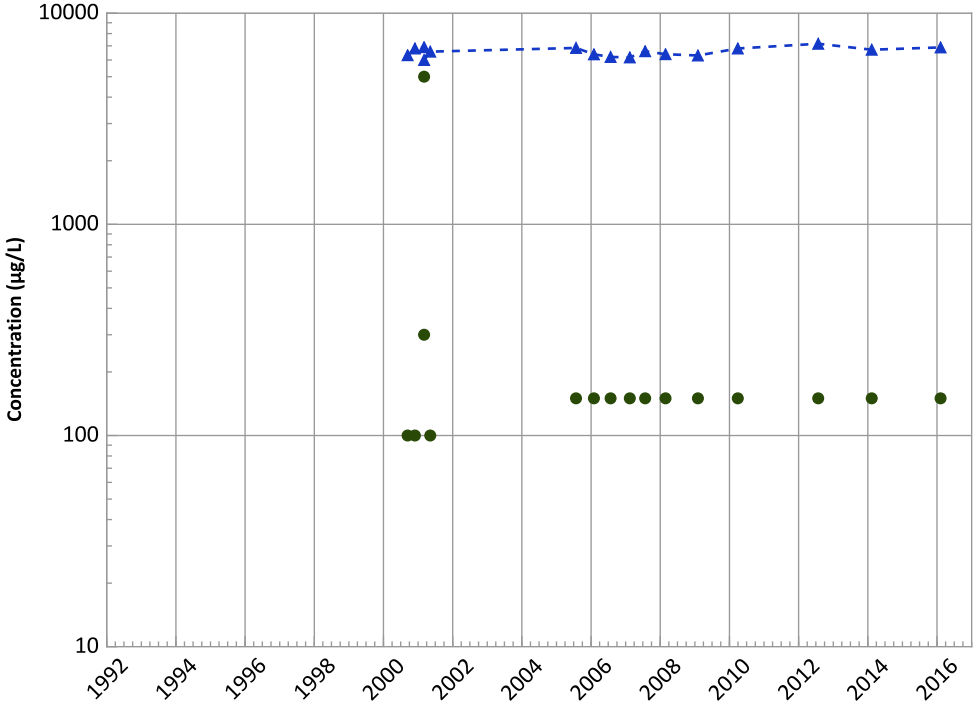


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Potassium Trend



Concentration Trend

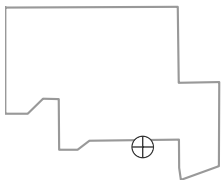
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 08/11/2016
Analysis Date: 03/07/2017

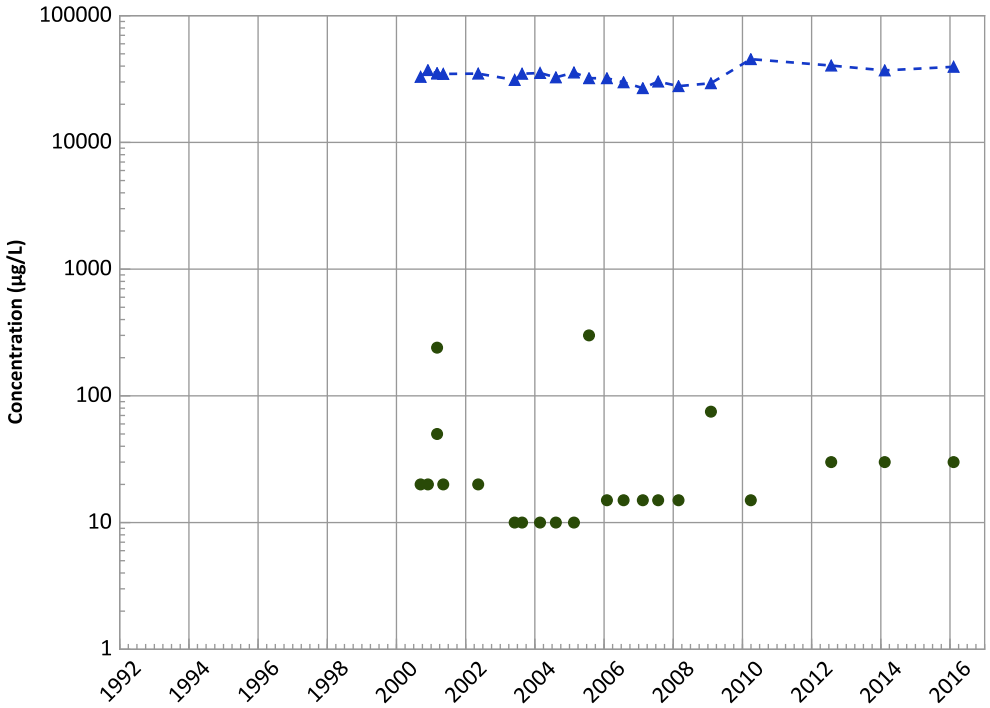
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

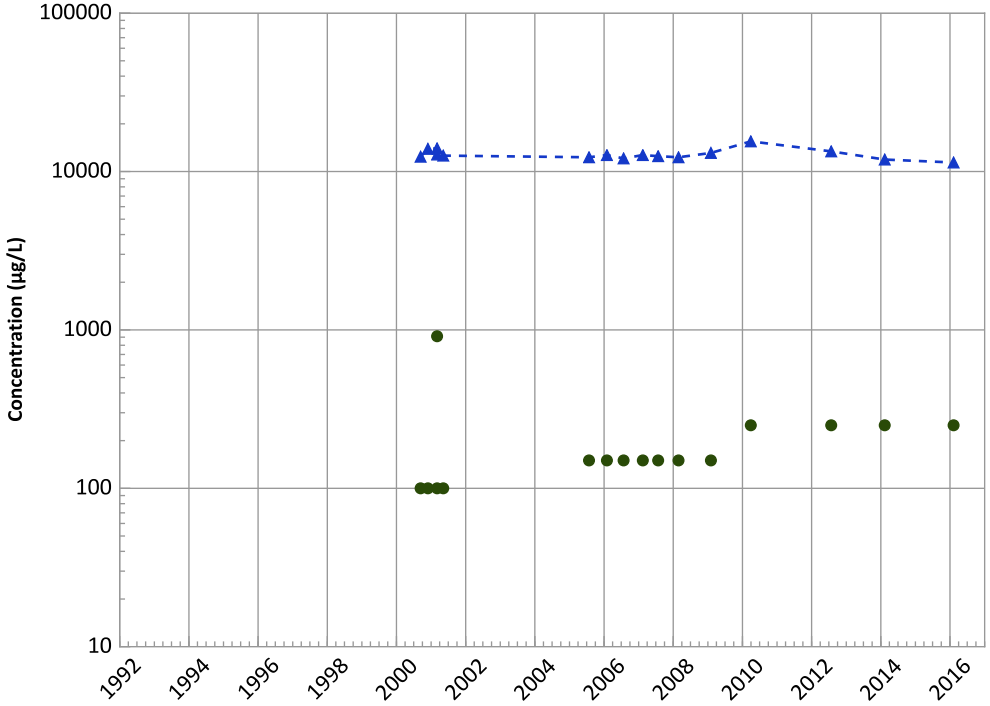


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

Sodium Trend



Concentration Trend

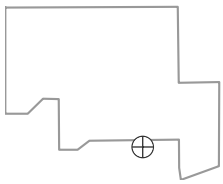
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Stable

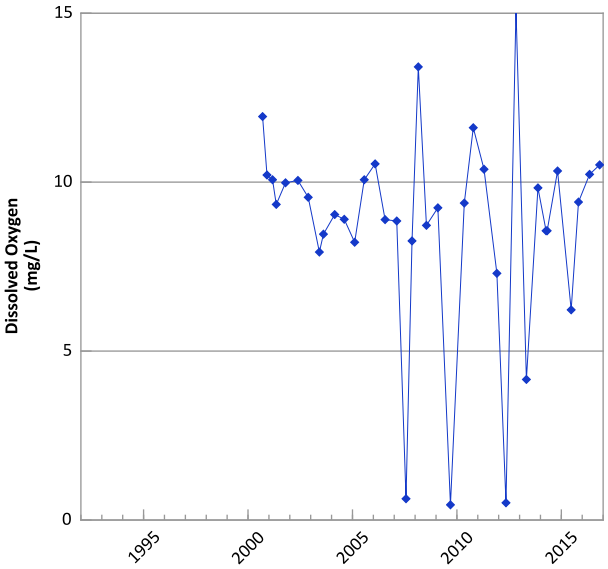
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 08/11/2016
Analysis Date: 03/07/2017

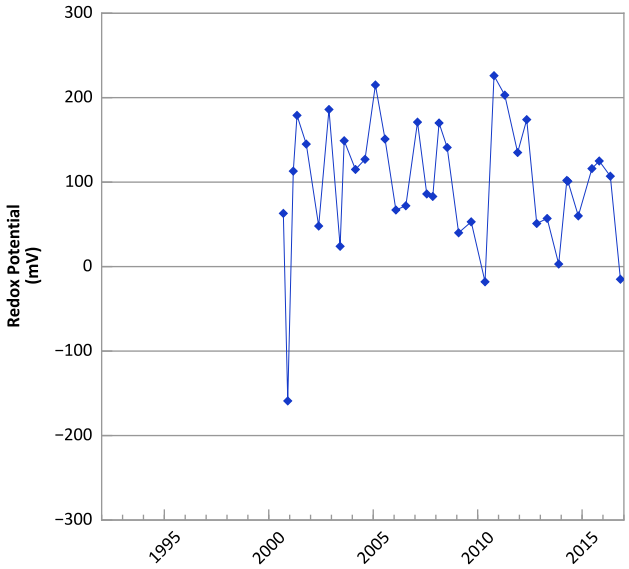
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

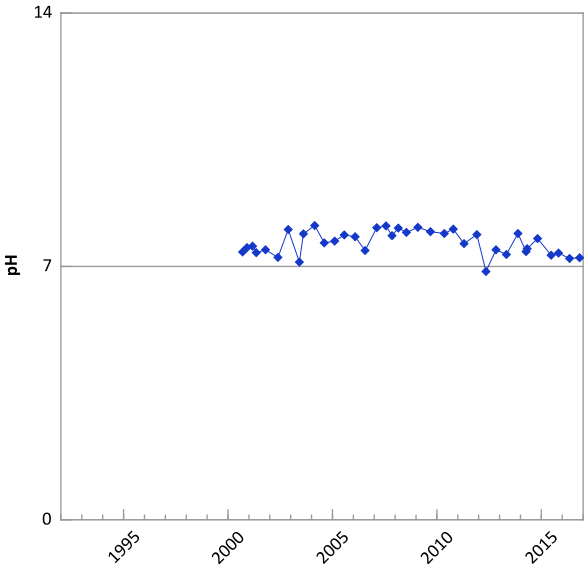
Well Location

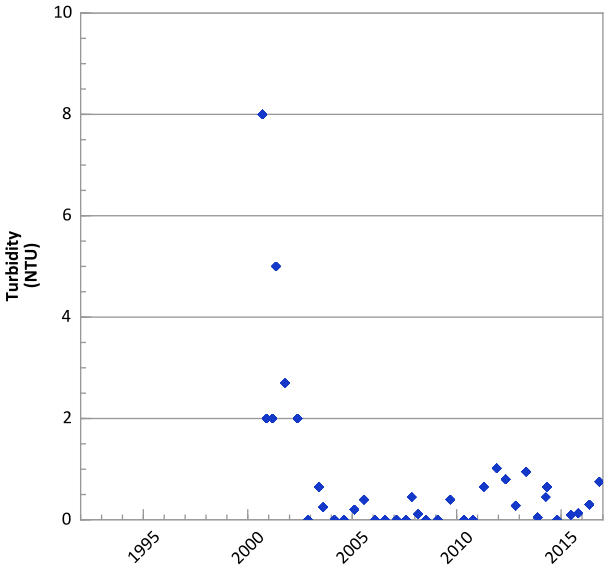


PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



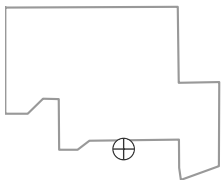






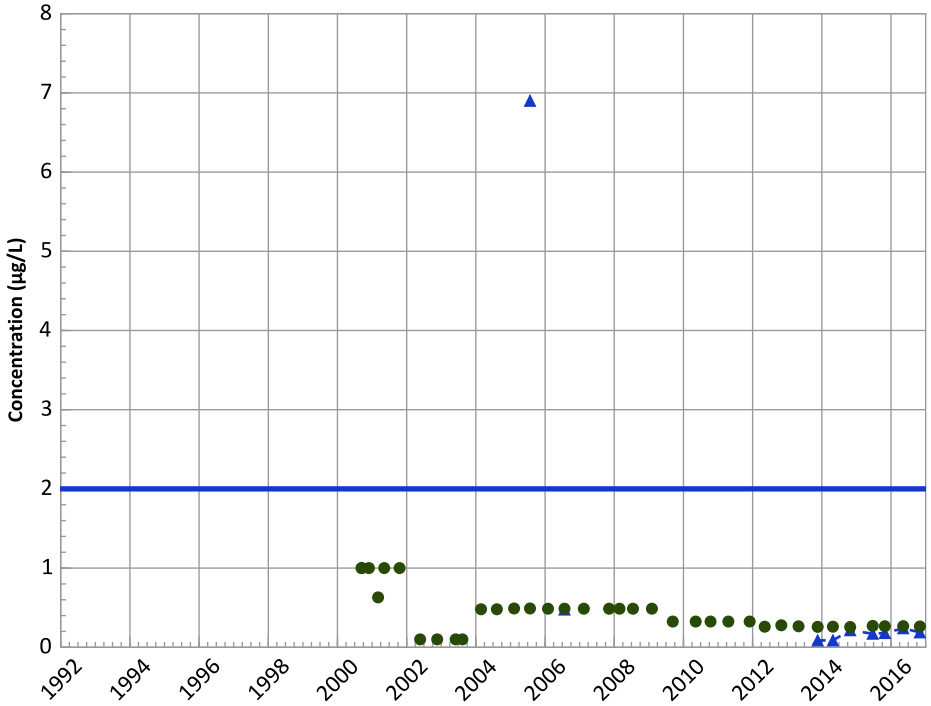
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 11/01/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

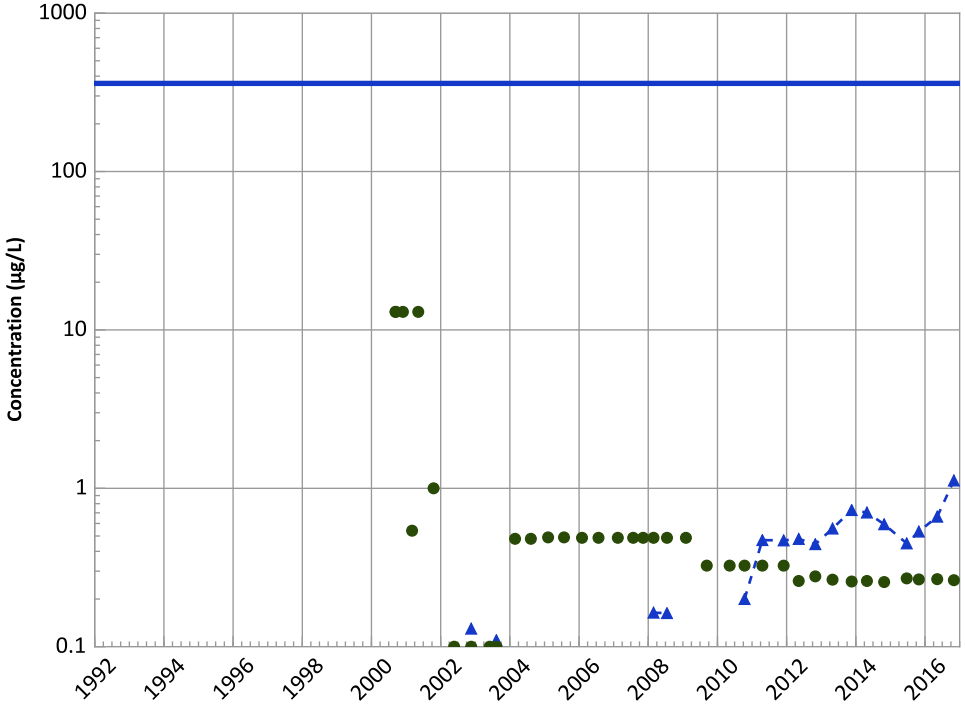


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

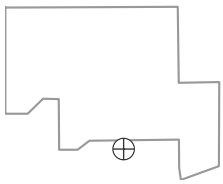
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 11/01/2016
Analysis Date: 03/07/2017

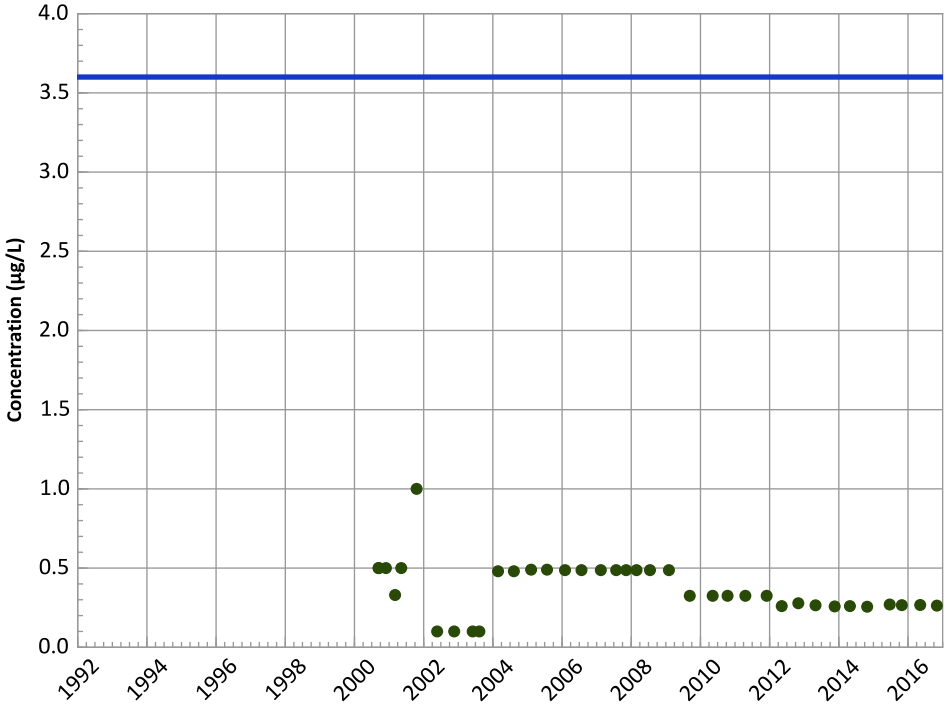
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

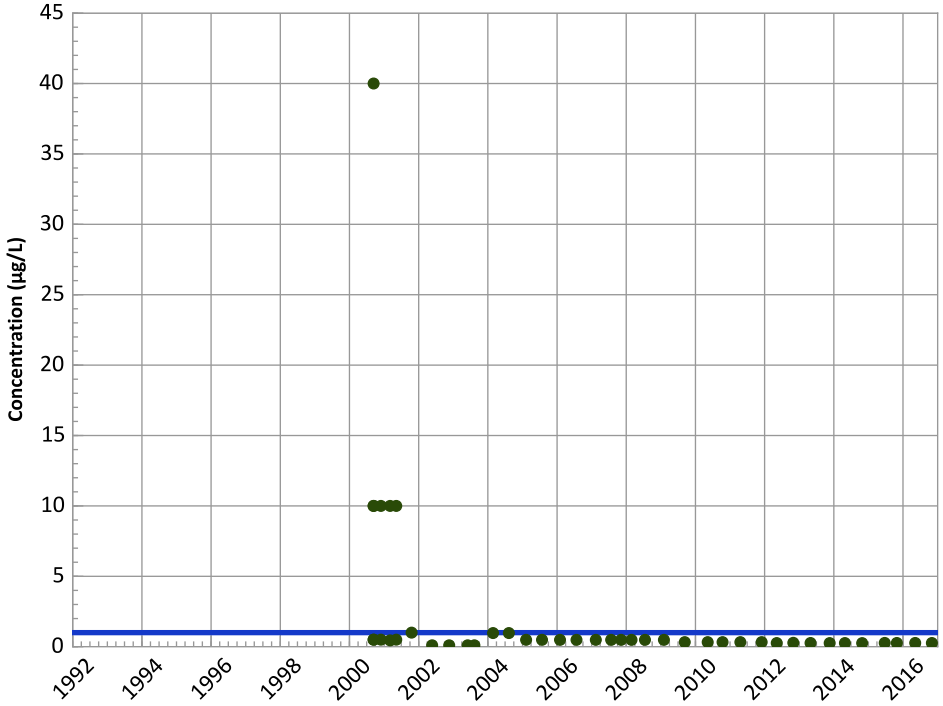


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

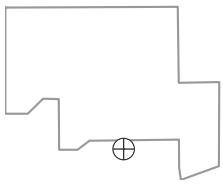
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 11/01/2016
Analysis Date: 03/07/2017

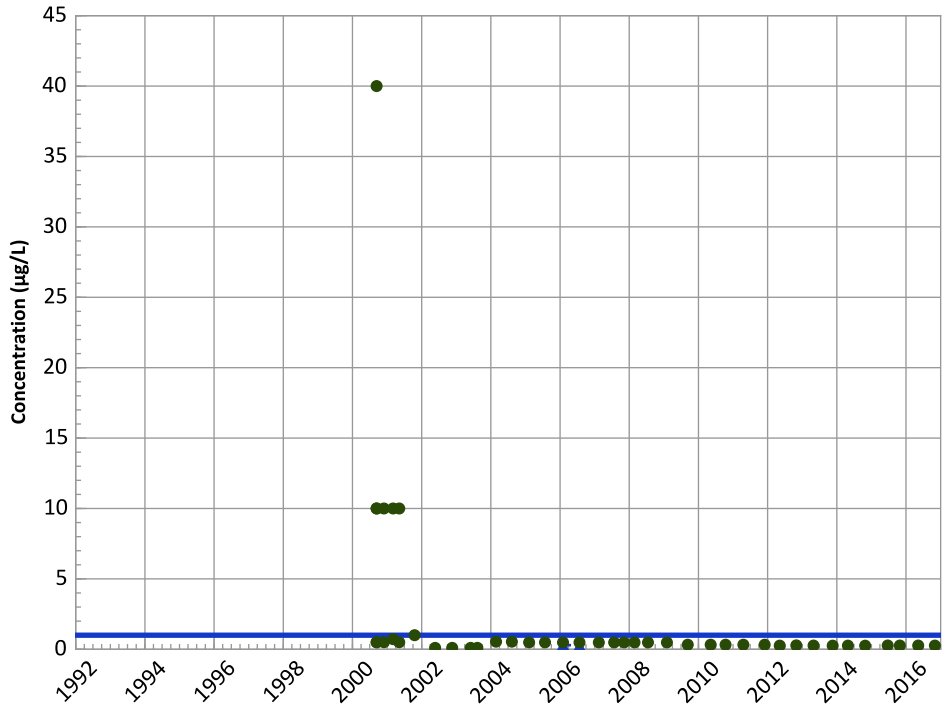
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

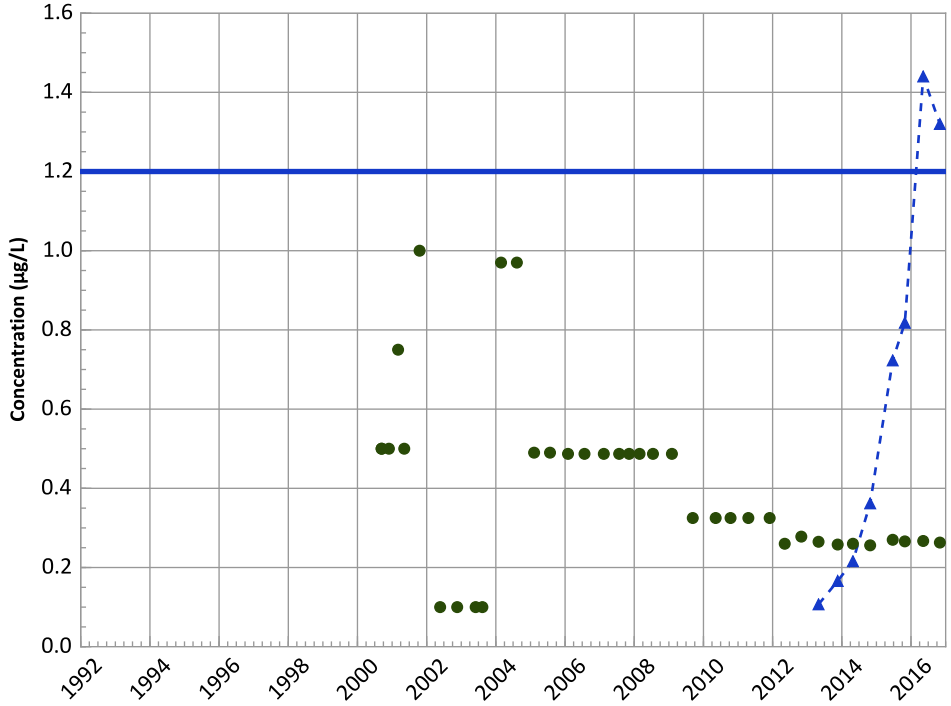


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

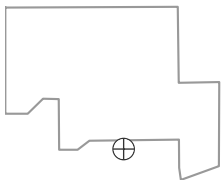
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 11/01/2016
Analysis Date: 03/07/2017

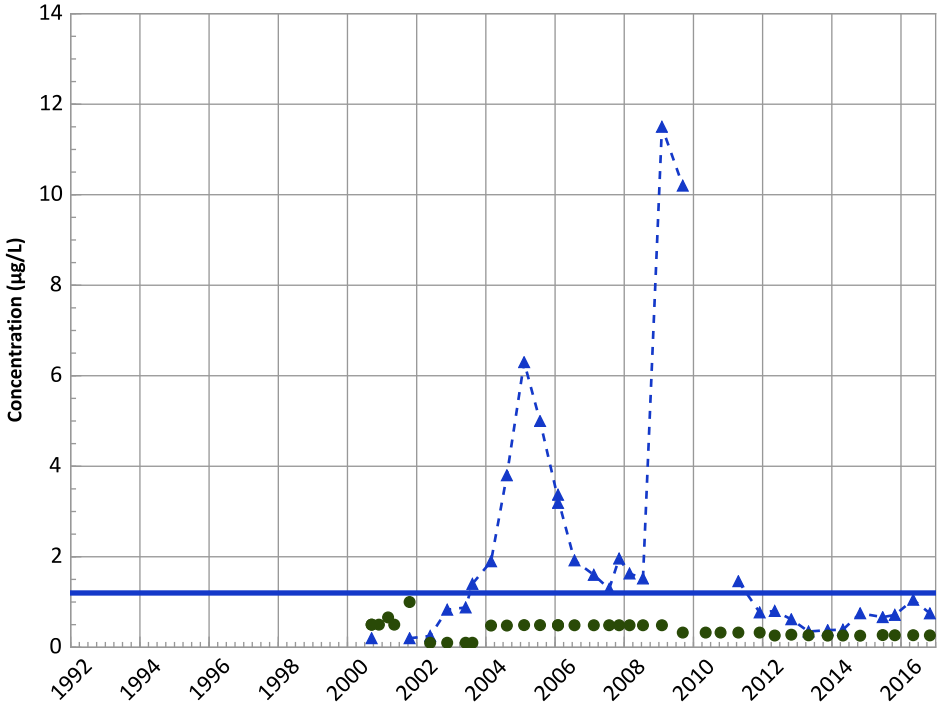
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

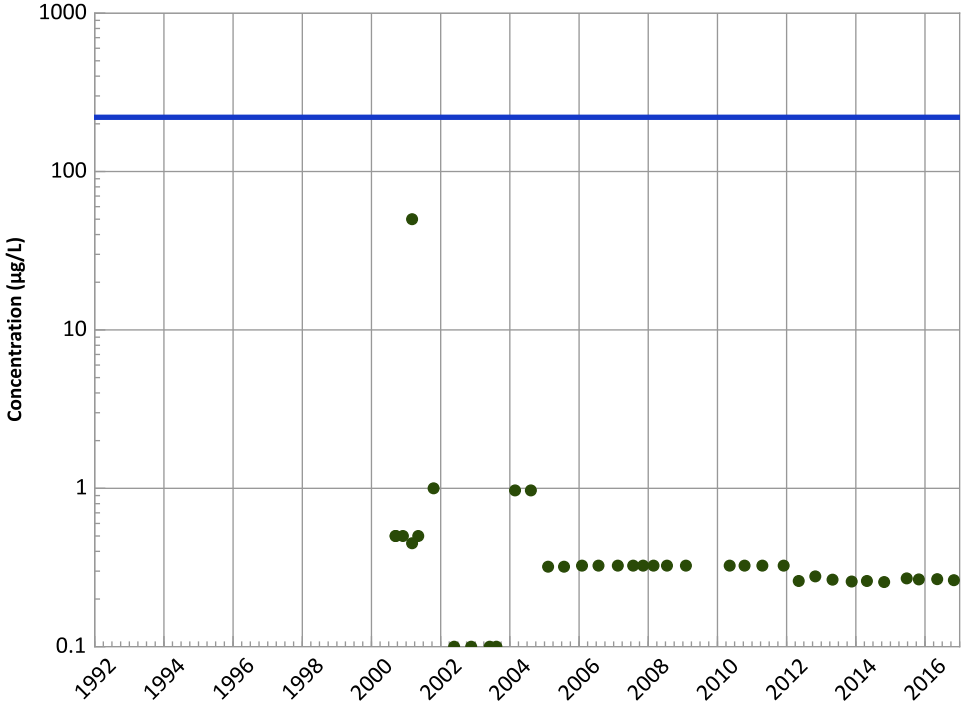


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

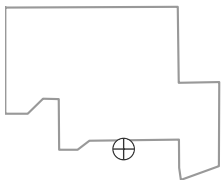
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 11/01/2016
Analysis Date: 03/07/2017

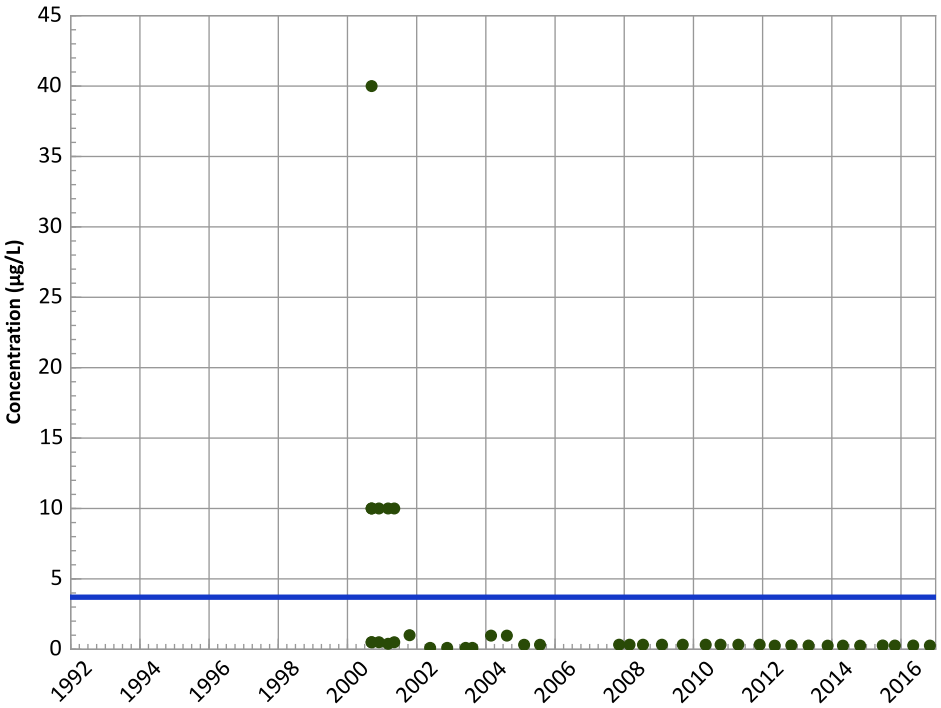
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

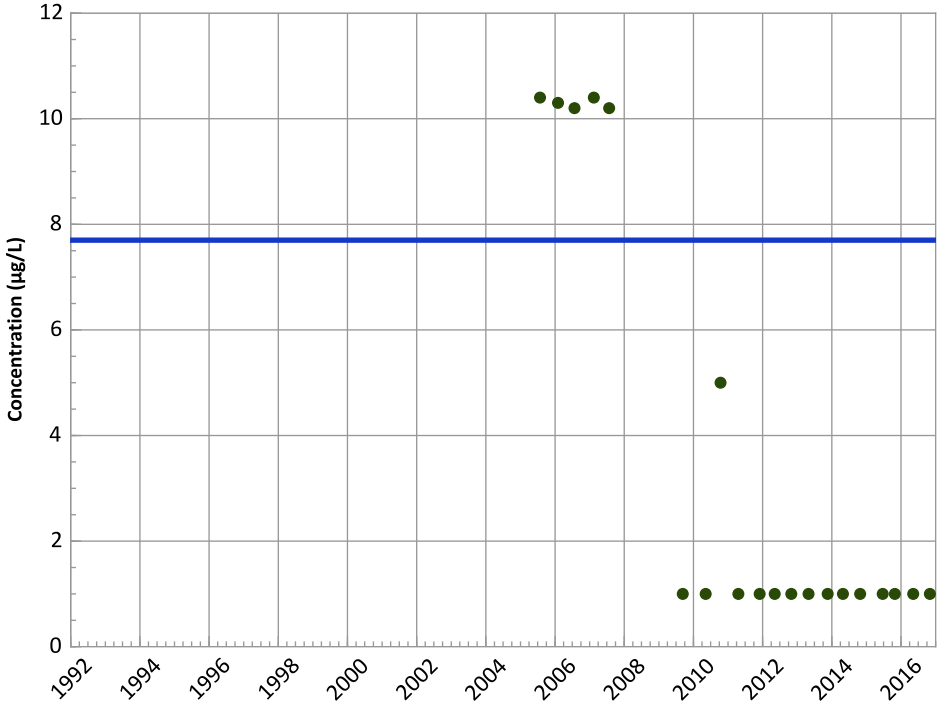


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

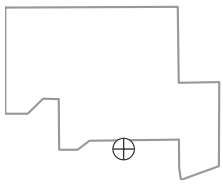
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 11/01/2016
Analysis Date: 03/07/2017

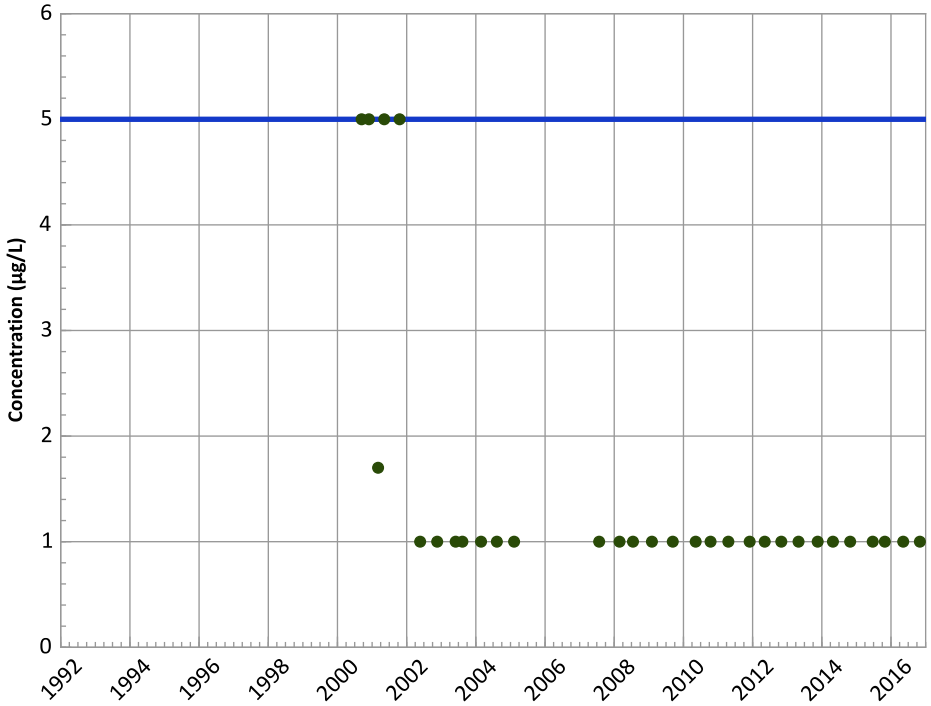
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

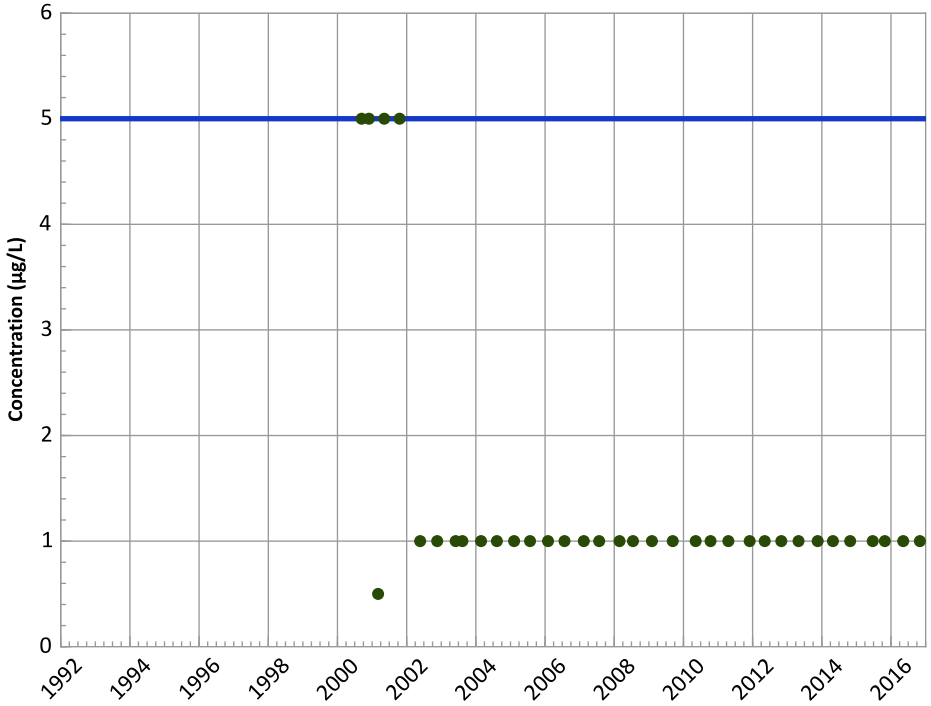


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

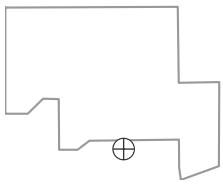
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 11/01/2016
Analysis Date: 03/07/2017

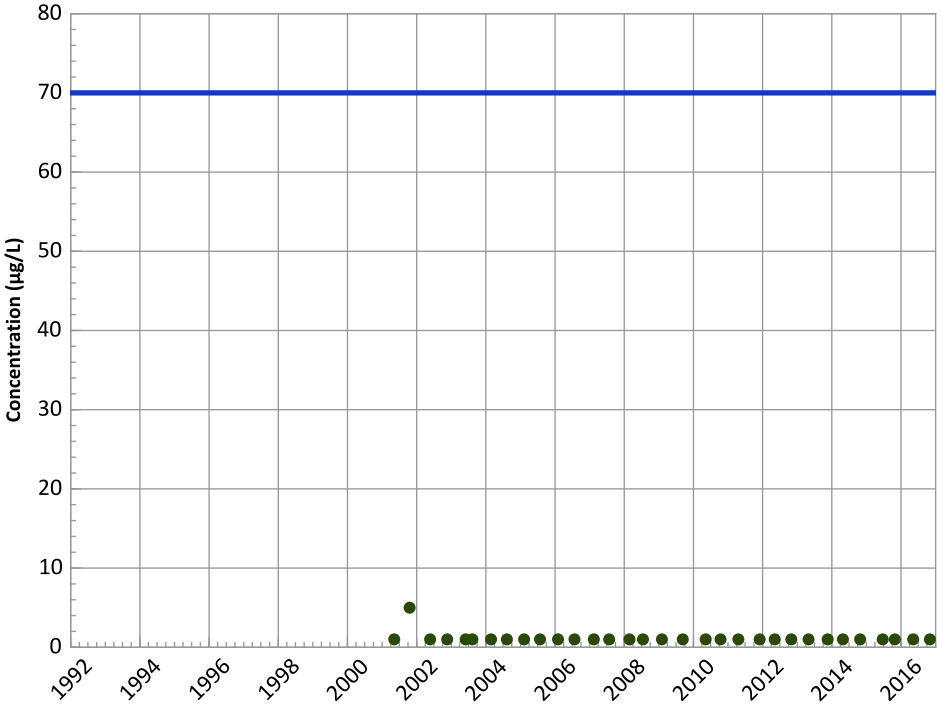
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

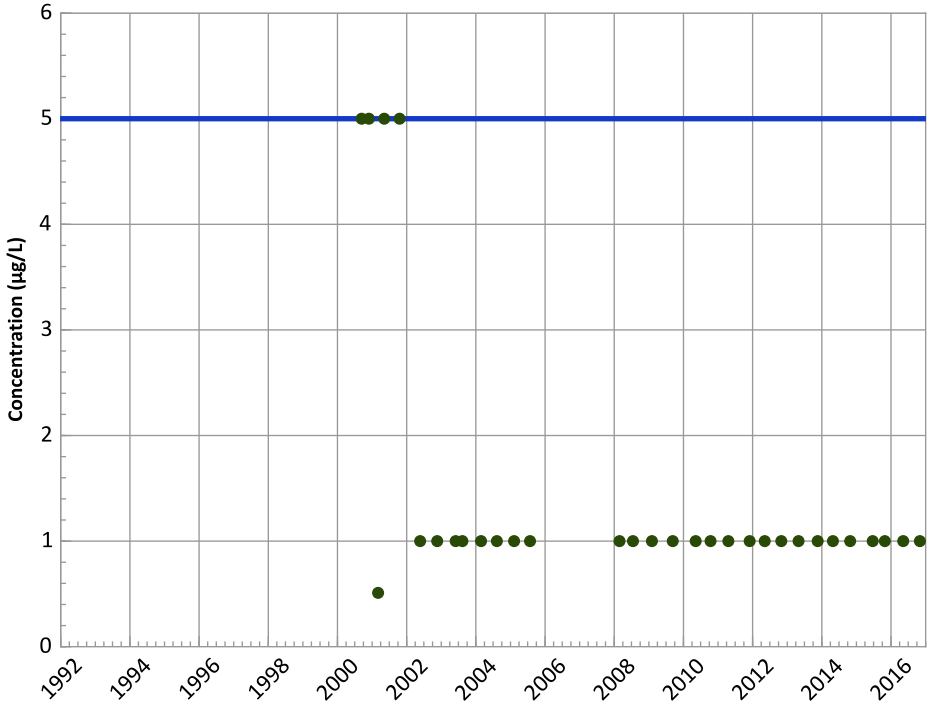


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

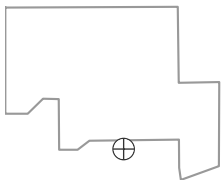
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 11/01/2016
Analysis Date: 03/07/2017

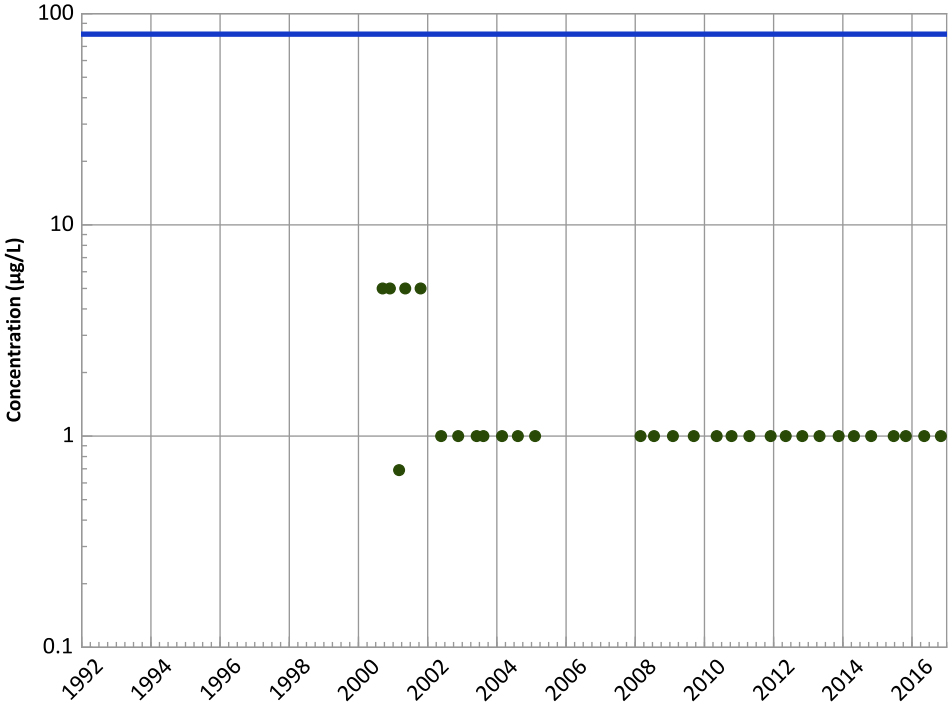
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

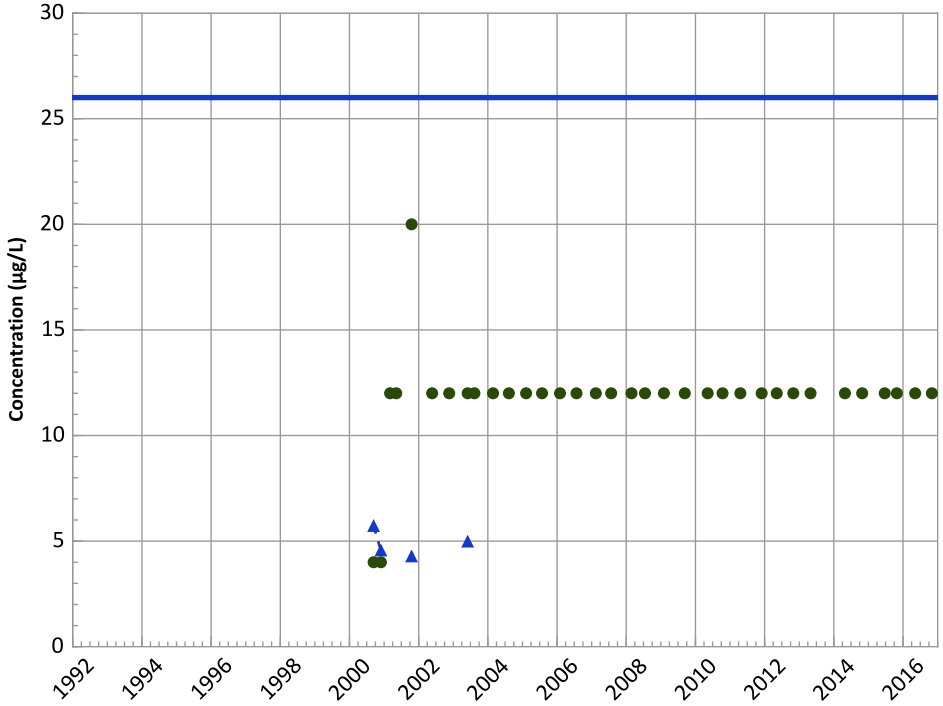


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

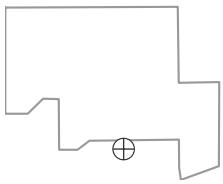
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 11/01/2016
Analysis Date: 03/07/2017

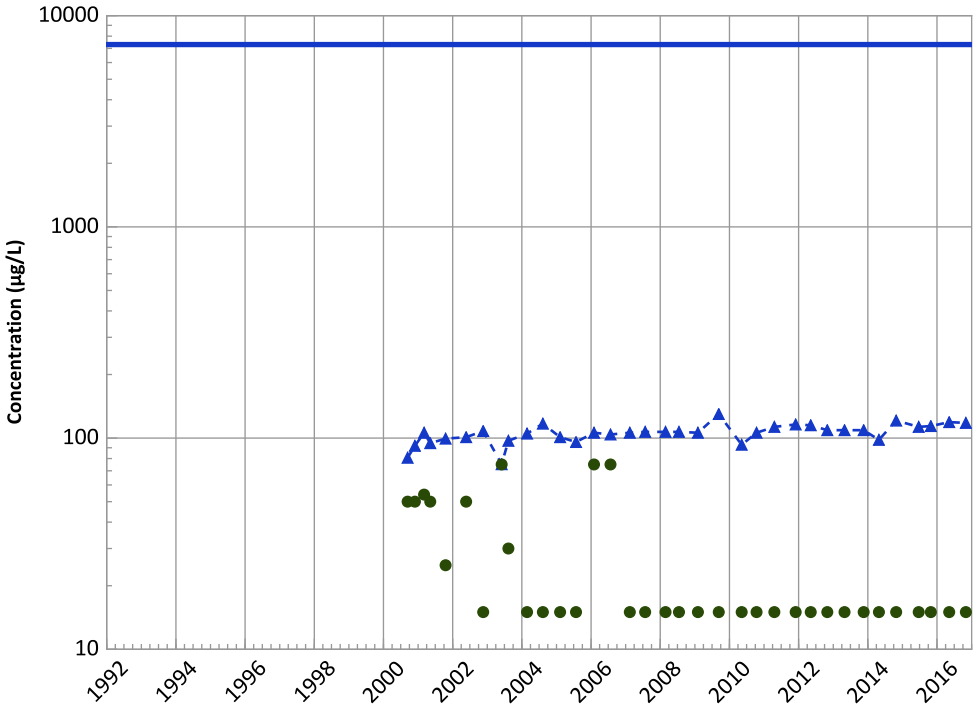
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

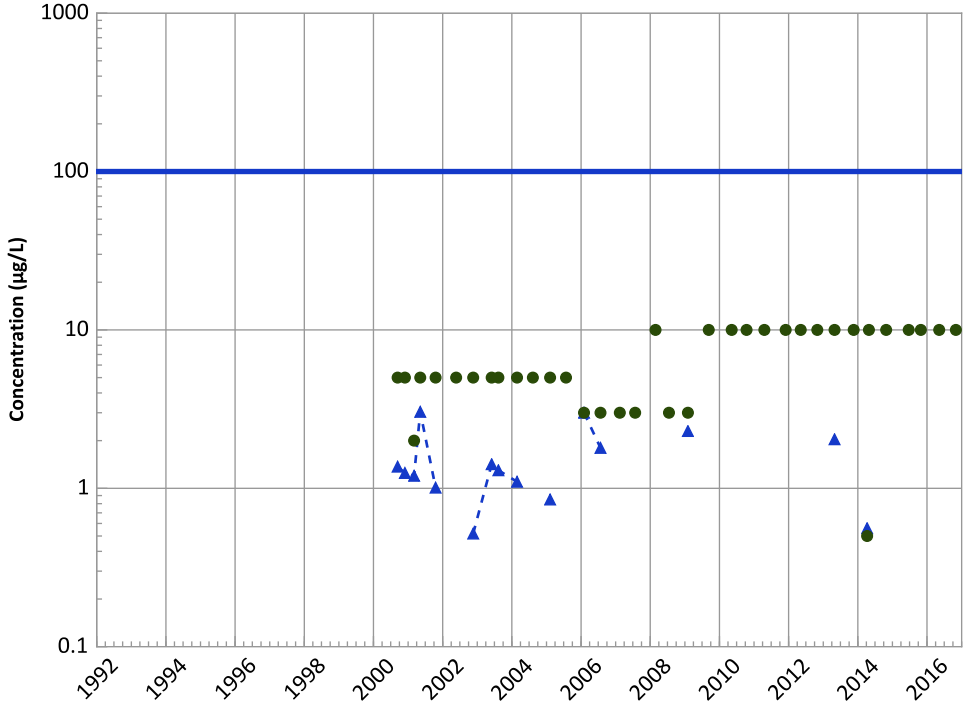


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Chromium, Total Trend



Concentration Trend

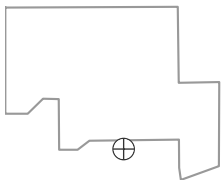
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 11/01/2016
Analysis Date: 03/07/2017

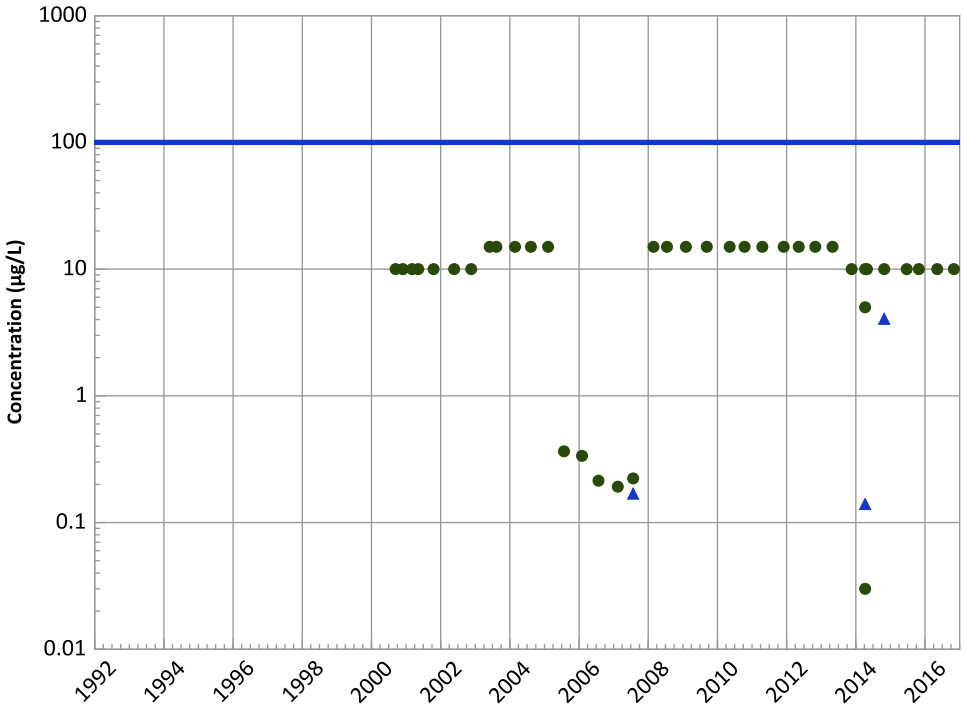
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

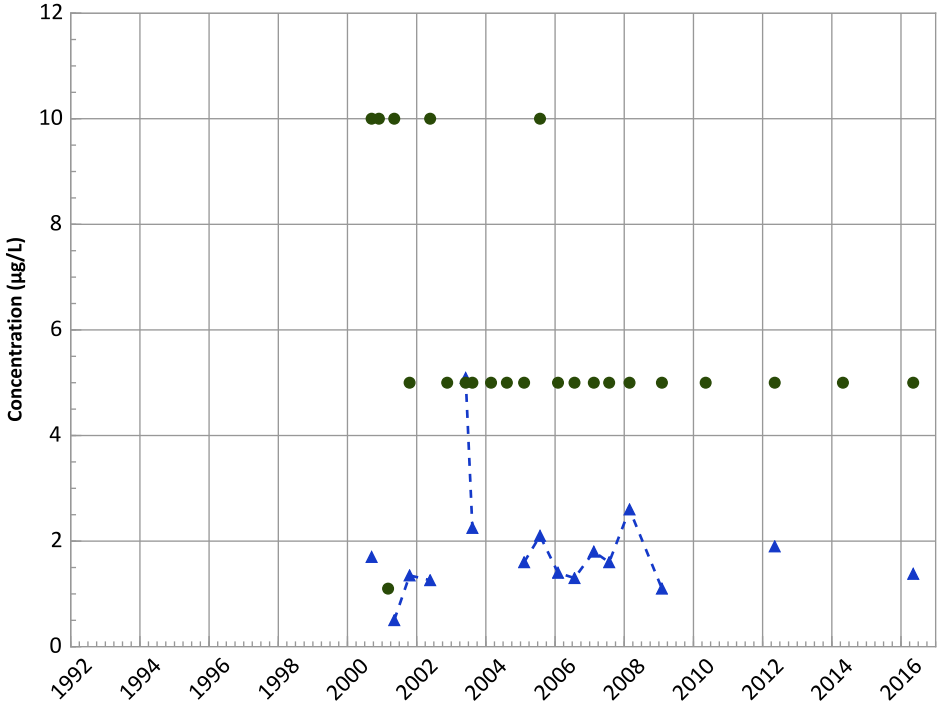


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

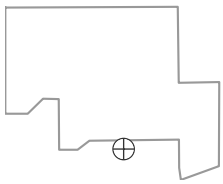
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 11/01/2016
Analysis Date: 03/07/2017

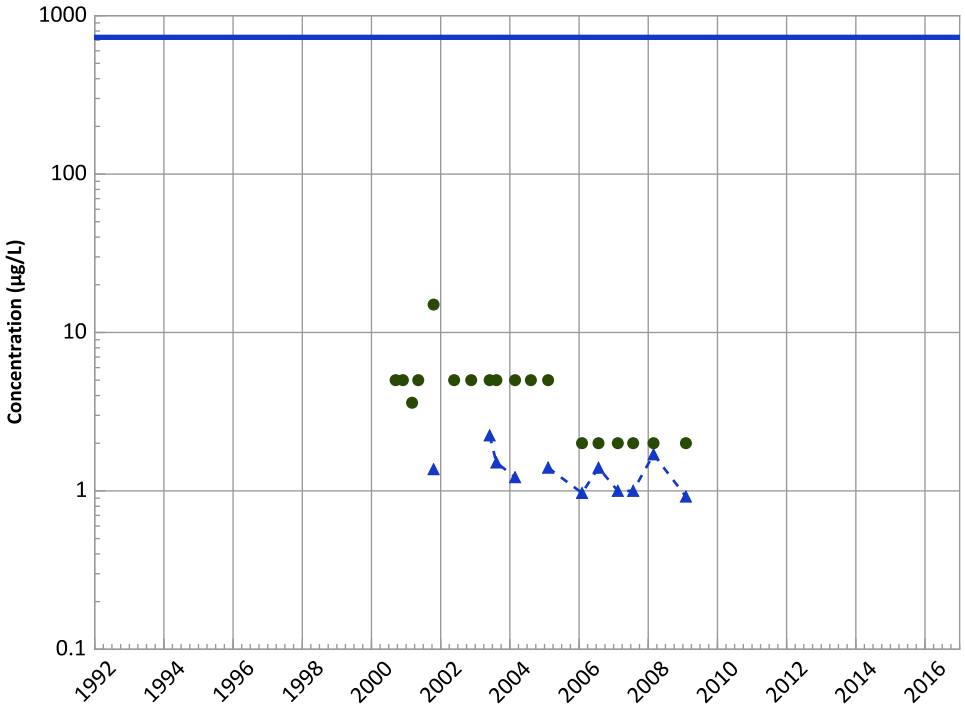
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

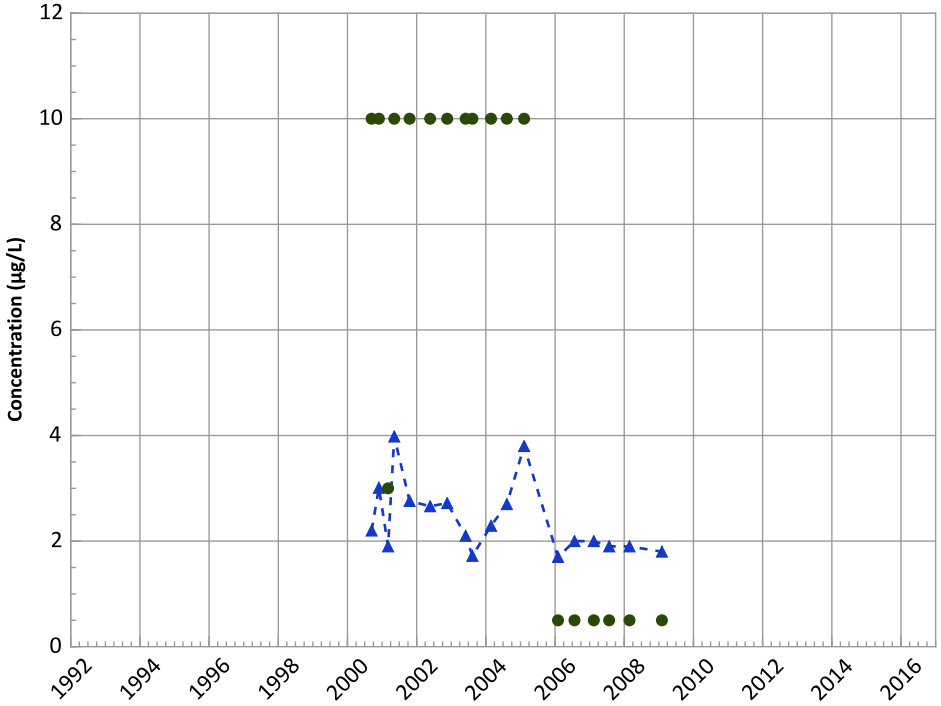


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Decreasing

Molybdenum Trend



Concentration Trend

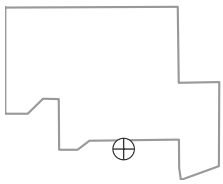
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 11/01/2016
Analysis Date: 03/07/2017

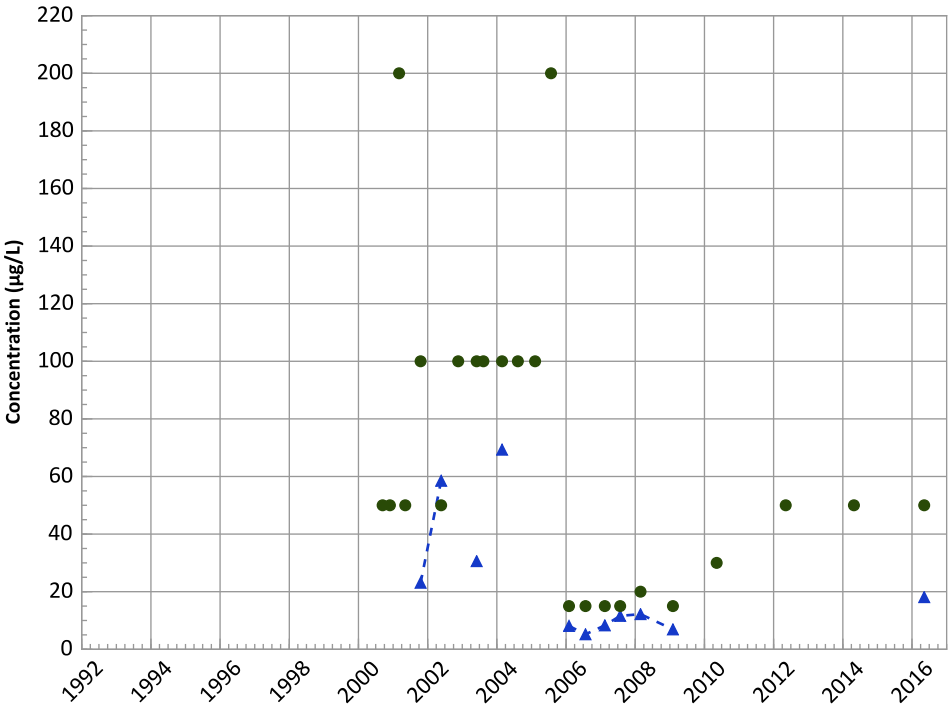
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

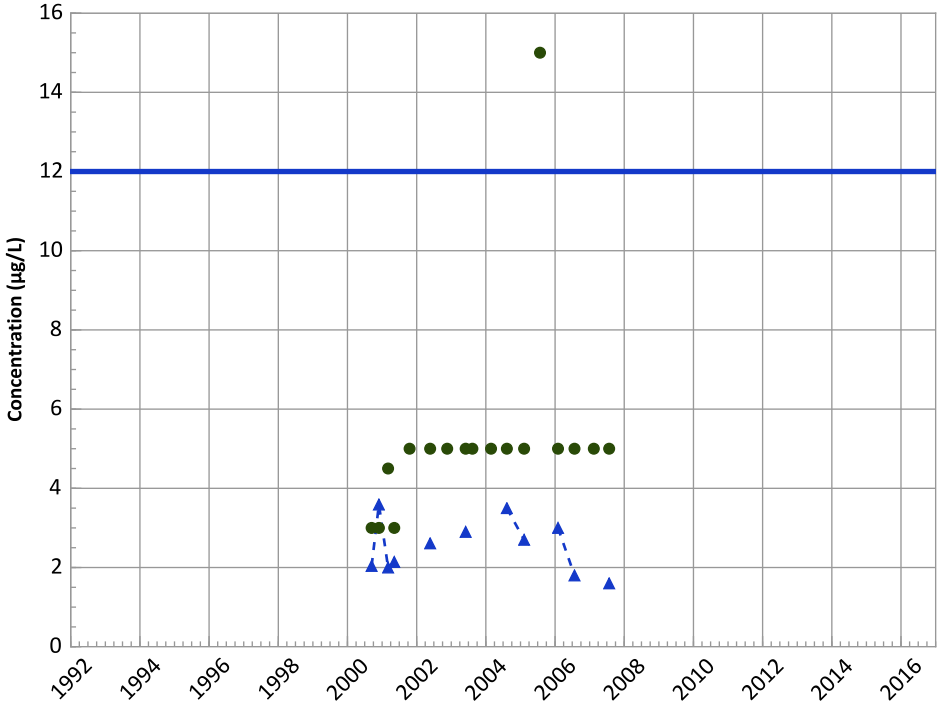


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Arsenic Trend



Concentration Trend

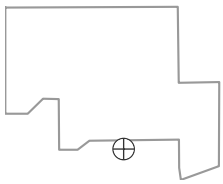
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 11/01/2016
Analysis Date: 03/07/2017

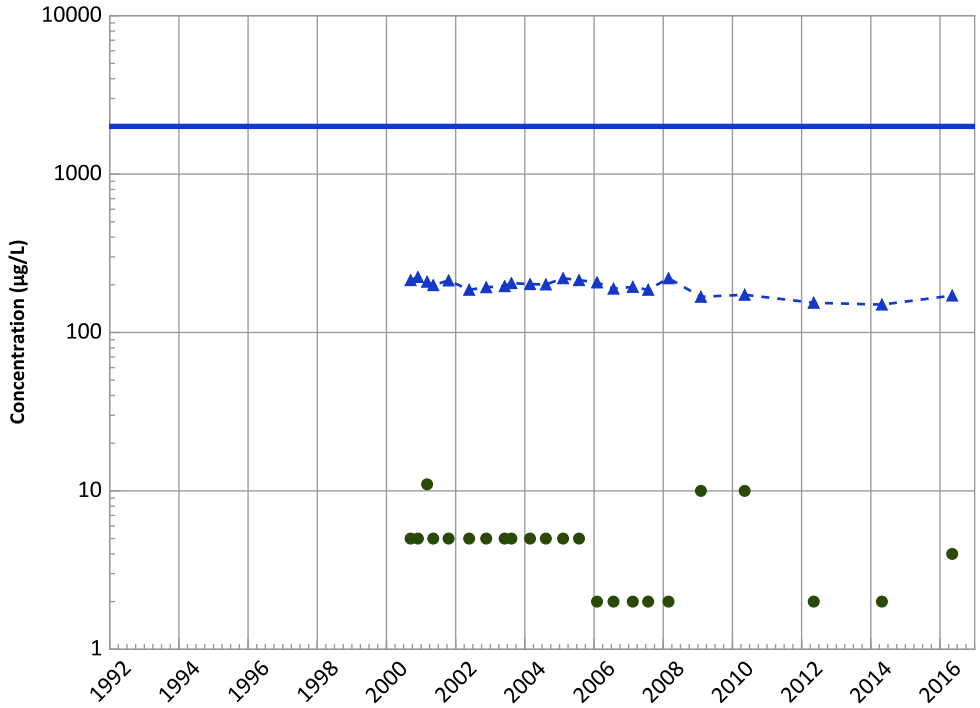
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

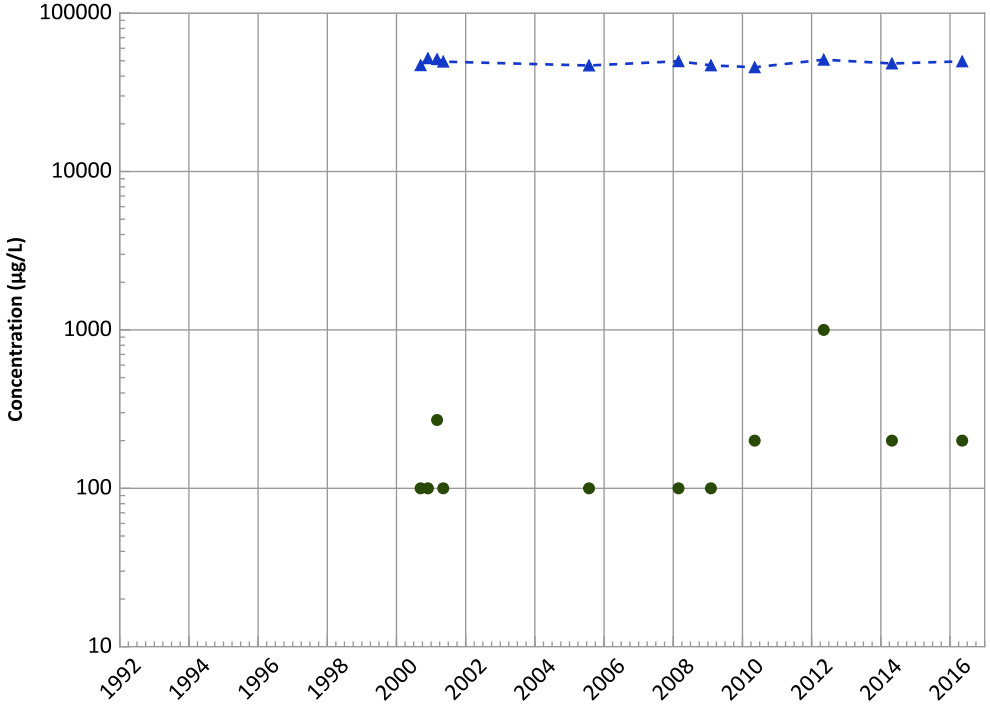


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Calcium Trend



Concentration Trend

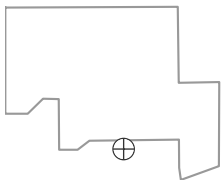
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 11/01/2016
Analysis Date: 03/07/2017

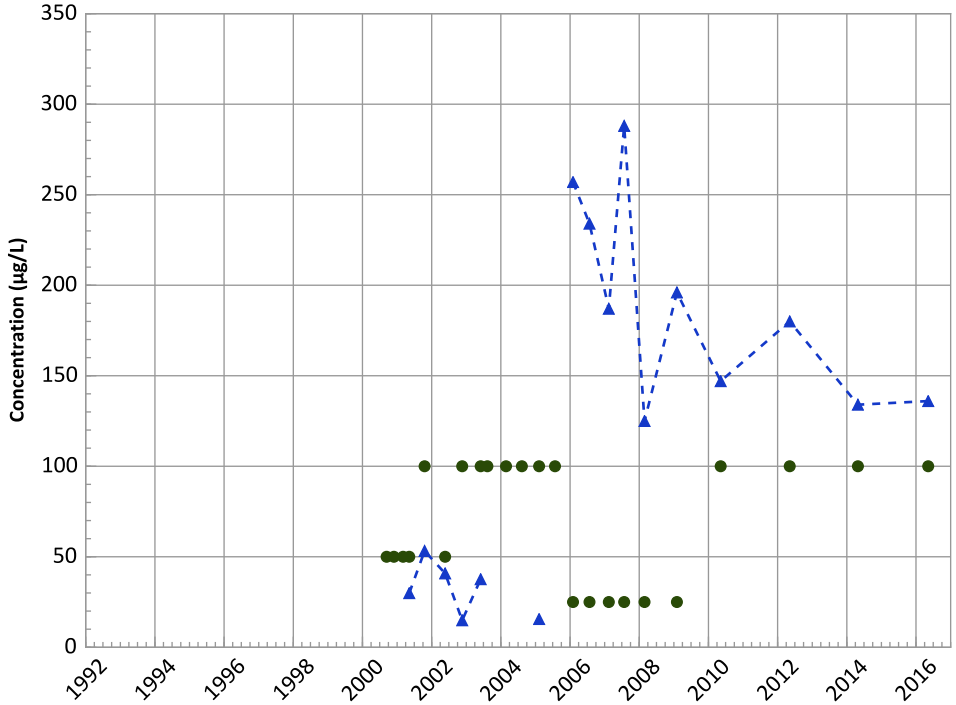
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

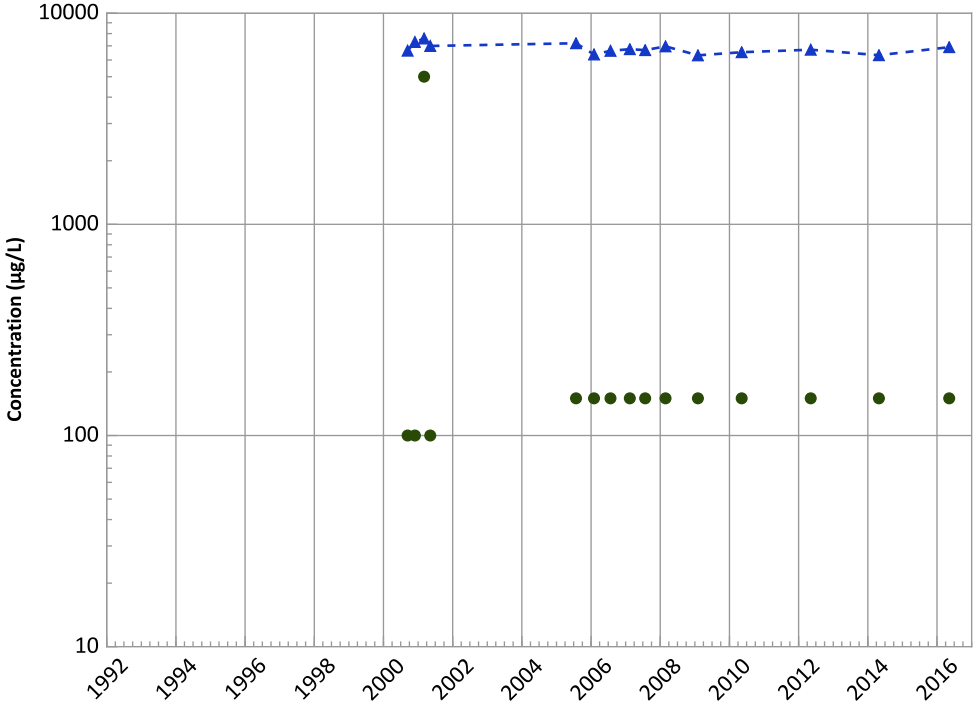


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Potassium Trend



Concentration Trend

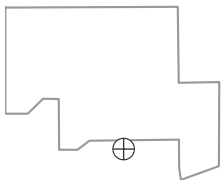
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 11/01/2016
Analysis Date: 03/07/2017

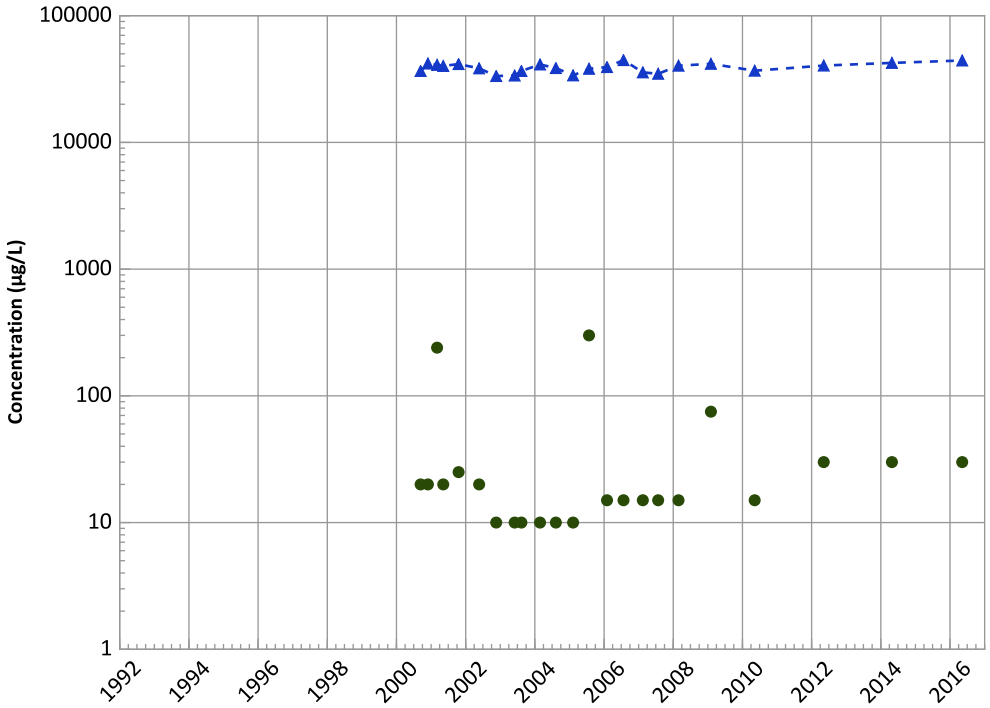
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

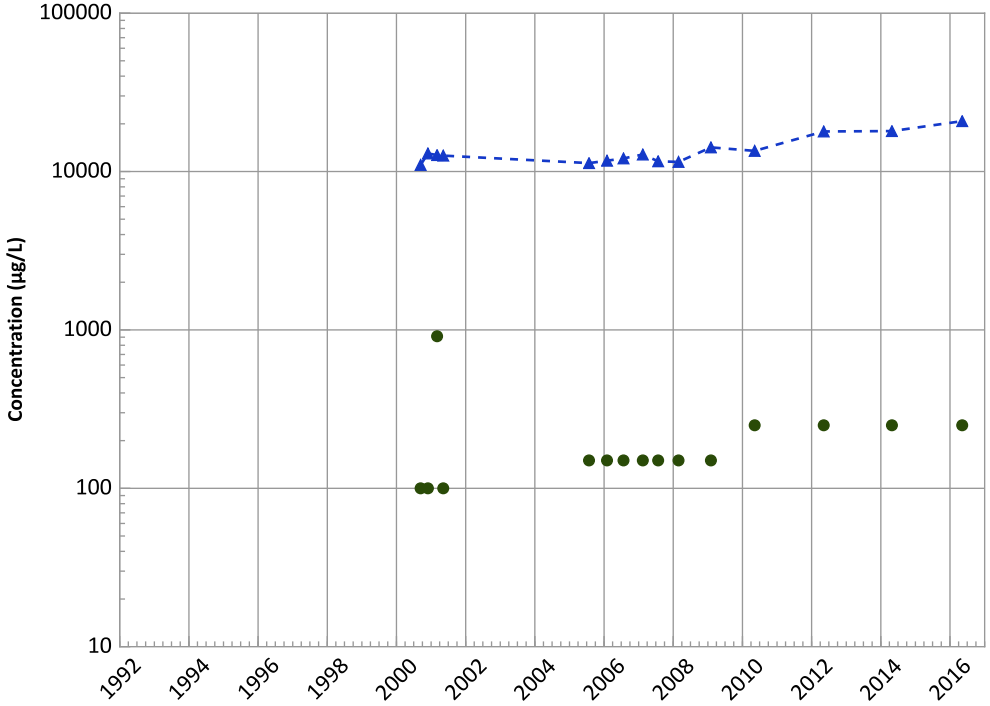


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Probably Increasing

Sodium Trend



Concentration Trend

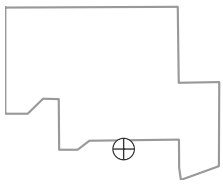
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

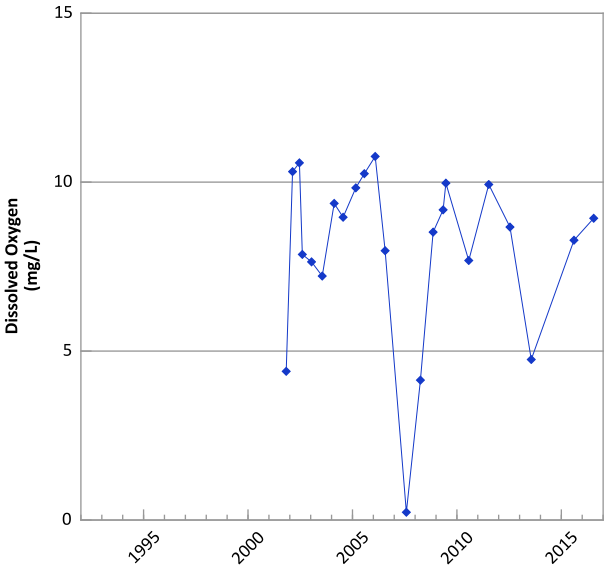
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/12/2000 to 11/01/2016
Analysis Date: 03/07/2017

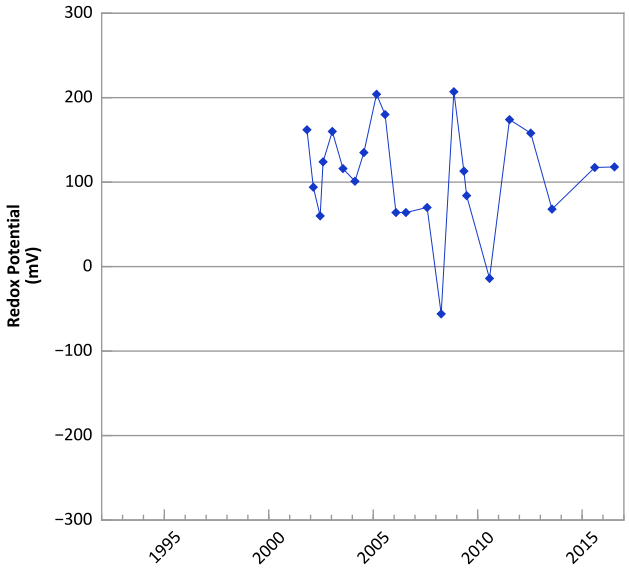
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

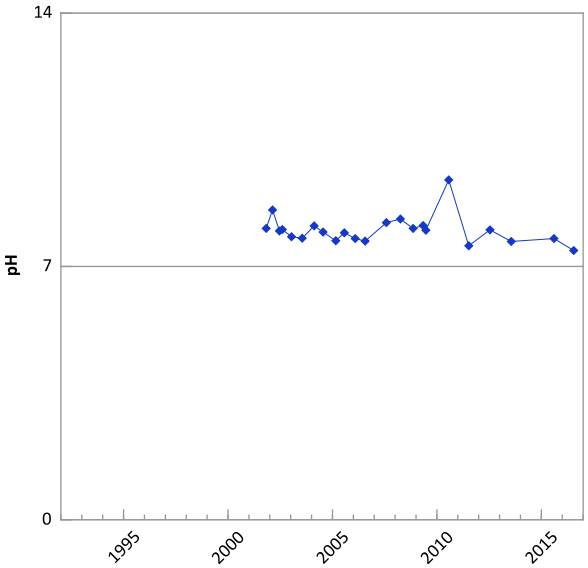
Well Location

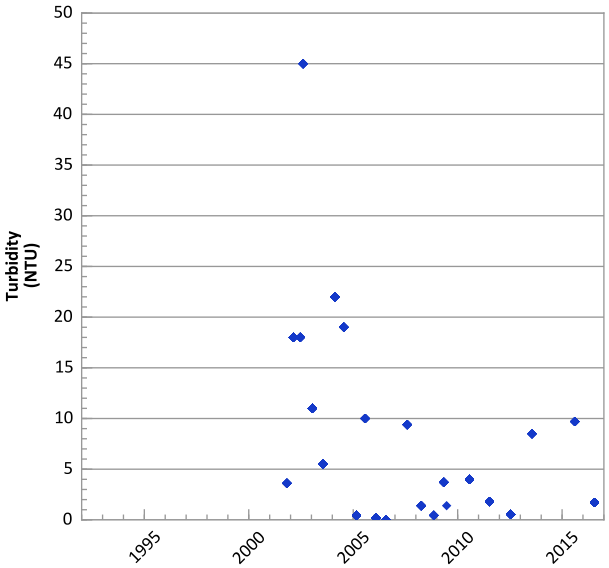


PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



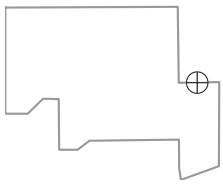






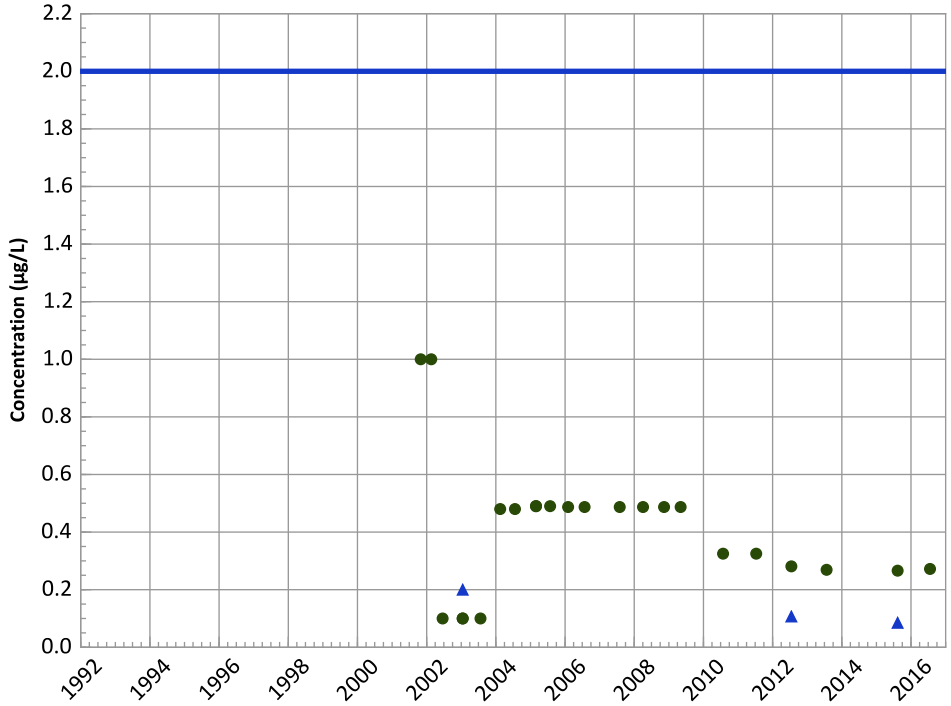
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/30/2001 to 07/20/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

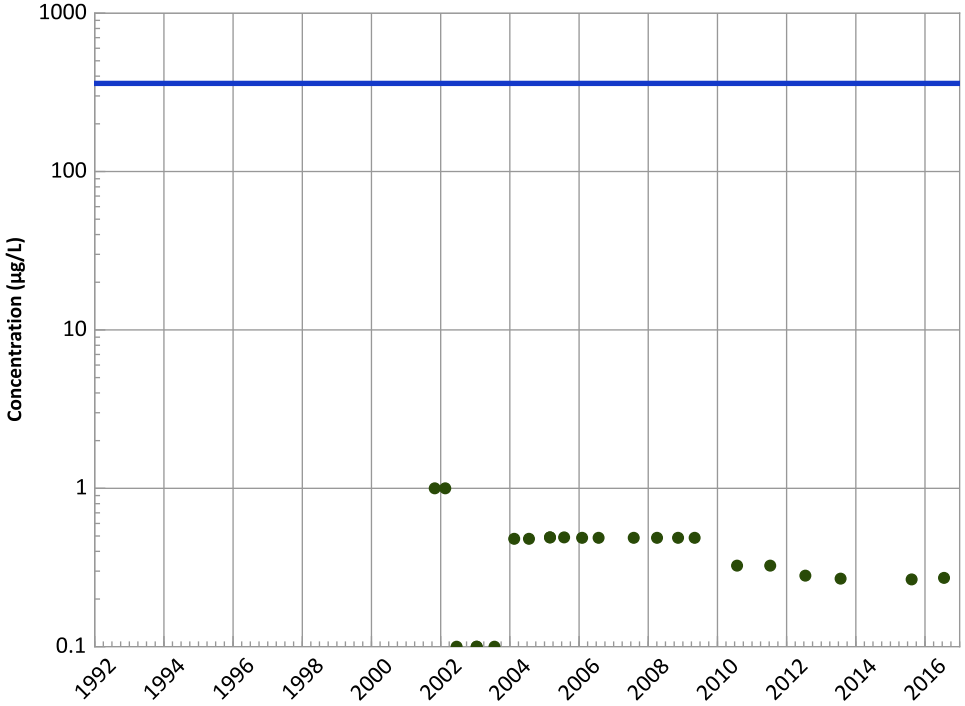


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

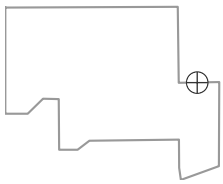
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/30/2001 to 07/20/2016
Analysis Date: 03/07/2017

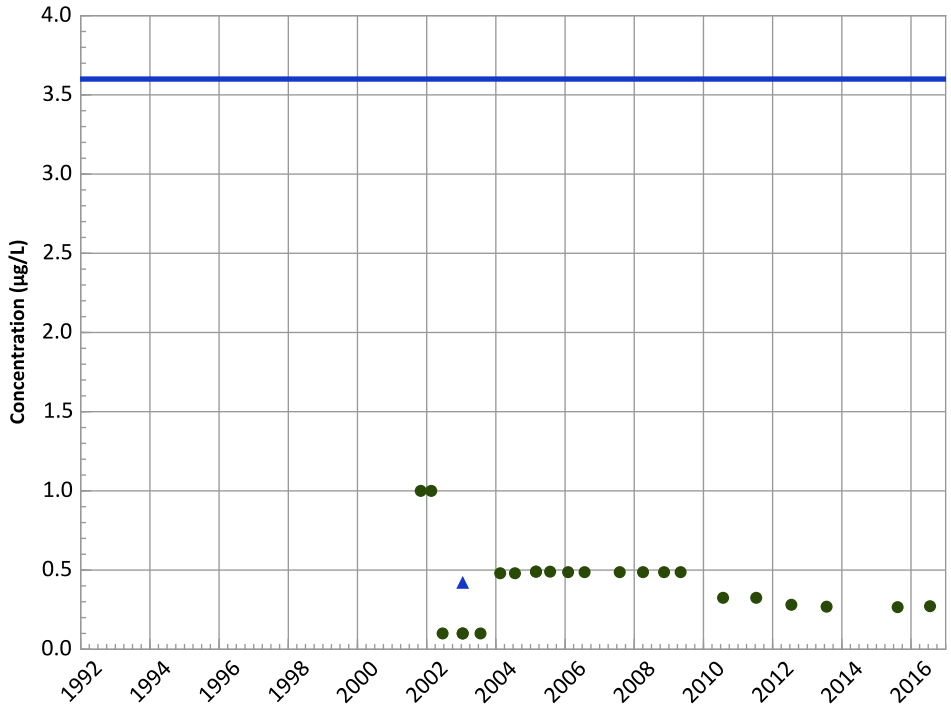
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

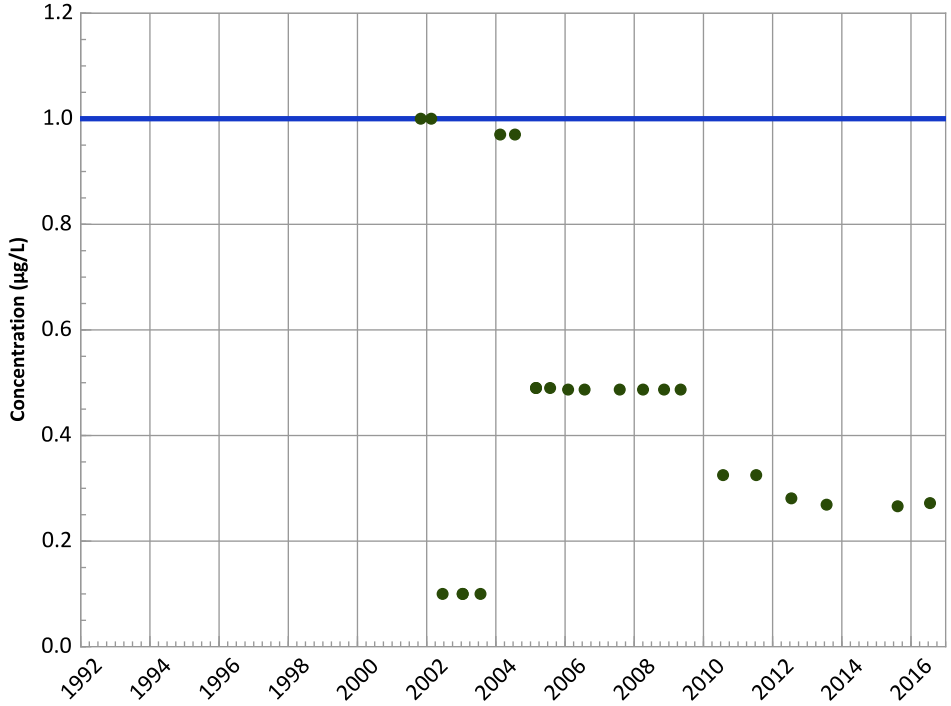


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

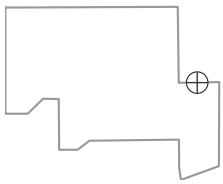
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/30/2001 to 07/20/2016
Analysis Date: 03/07/2017

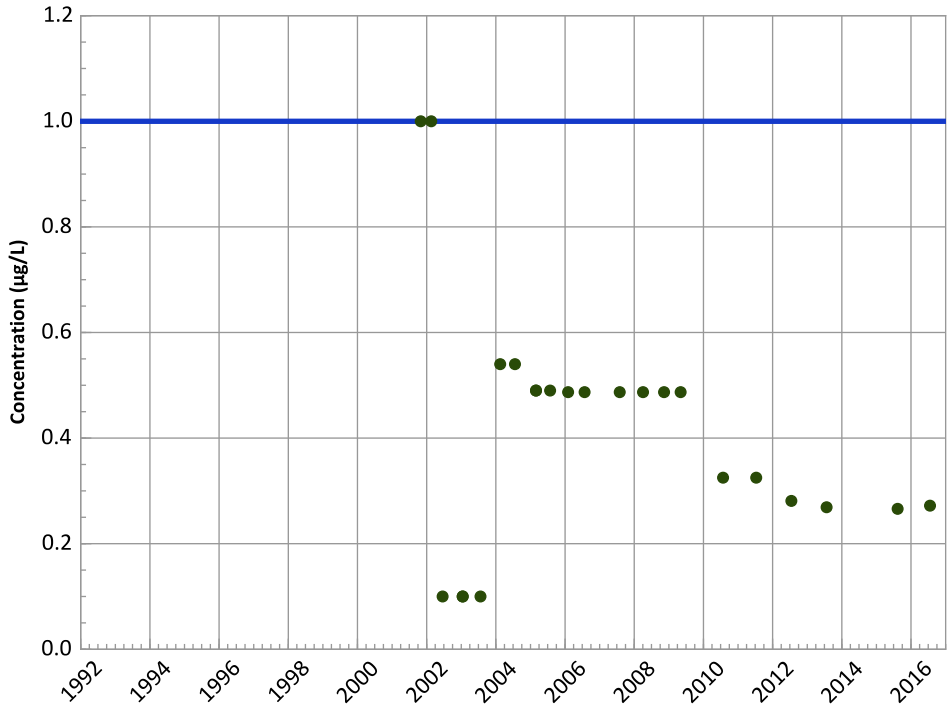
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

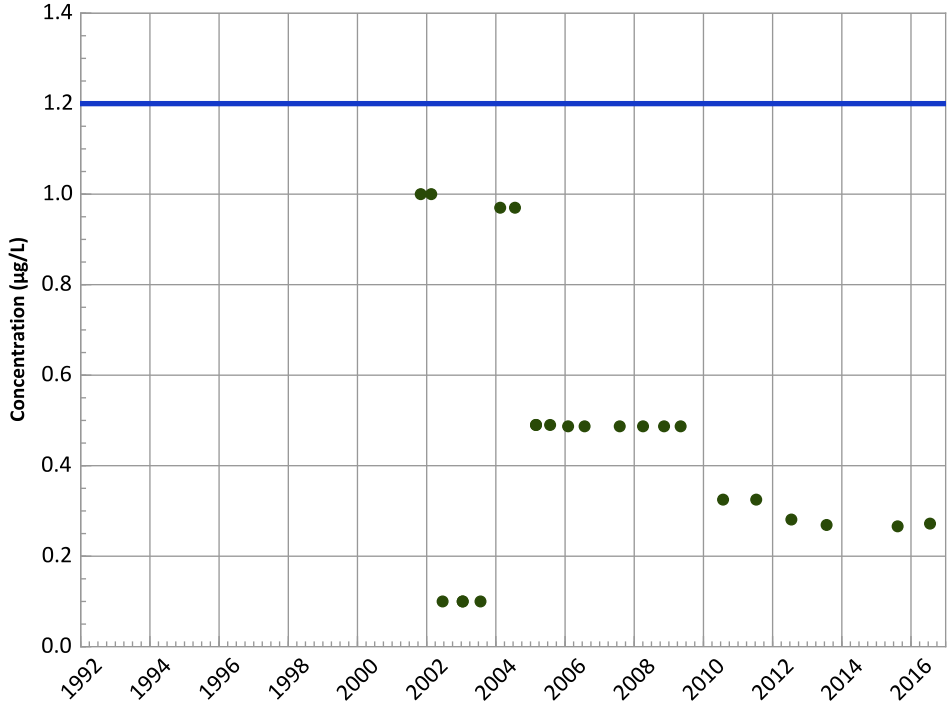


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

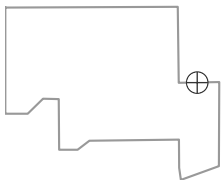
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/30/2001 to 07/20/2016
Analysis Date: 03/07/2017

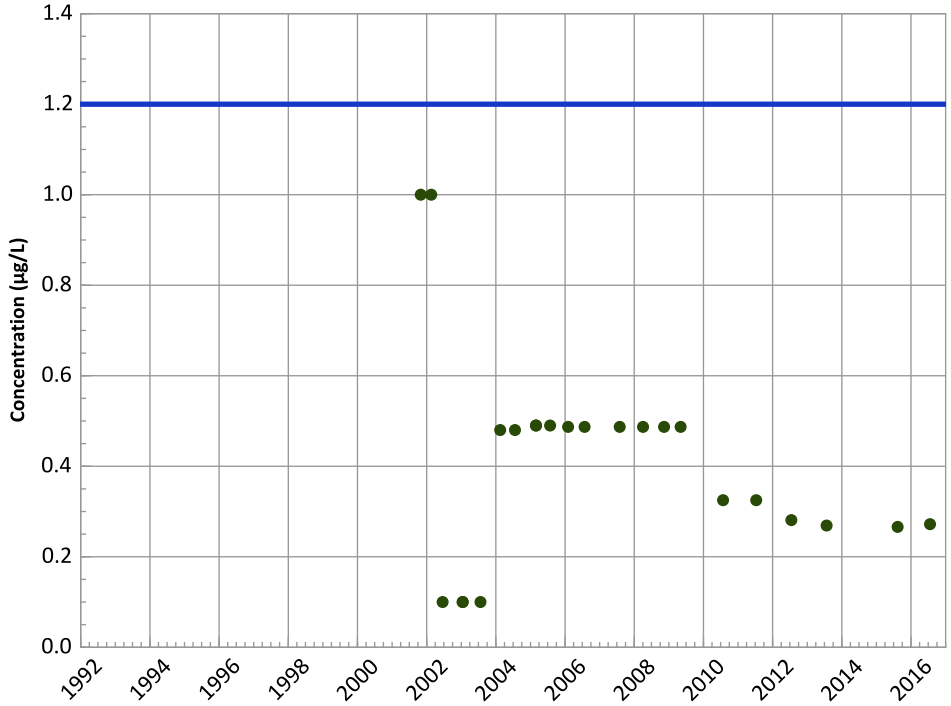
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

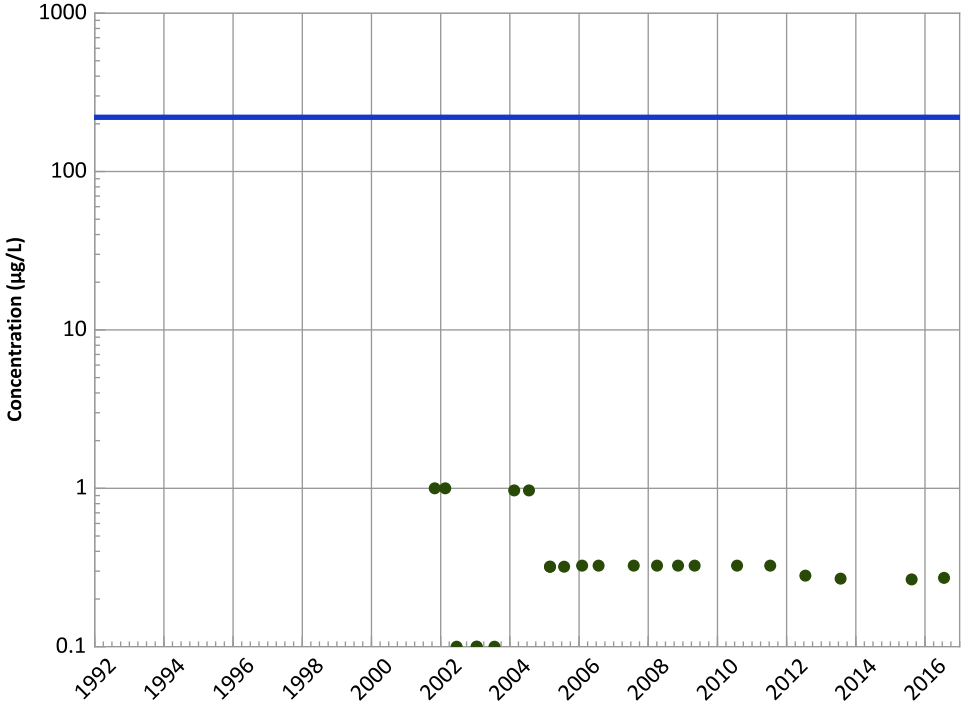


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

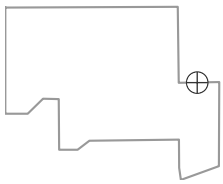
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/30/2001 to 07/20/2016
Analysis Date: 03/07/2017

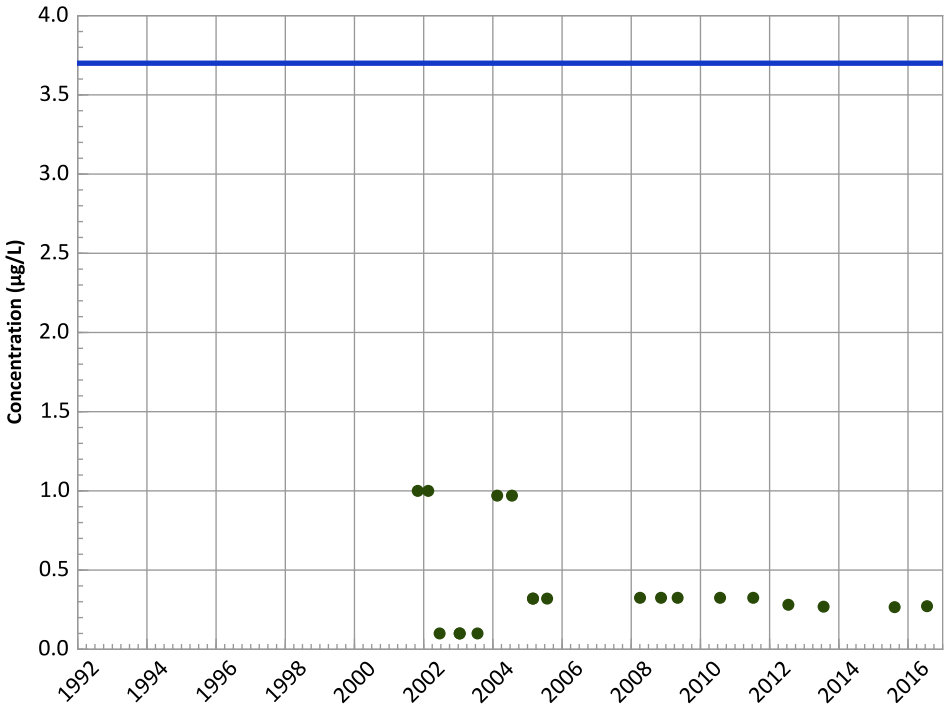
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

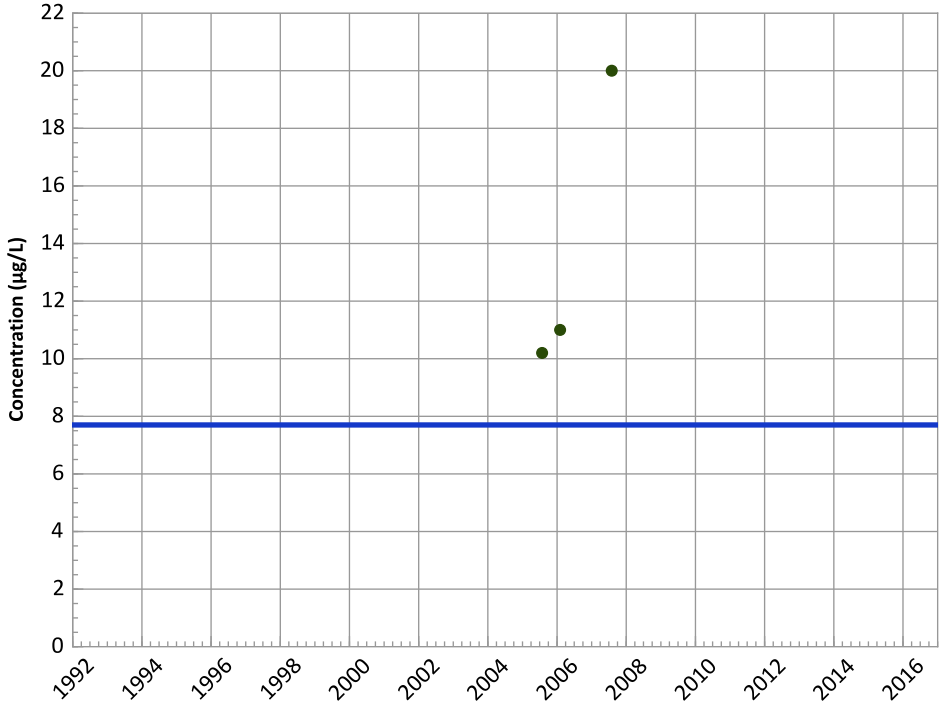


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

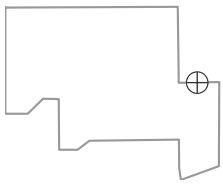
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/30/2001 to 07/20/2016
Analysis Date: 03/07/2017

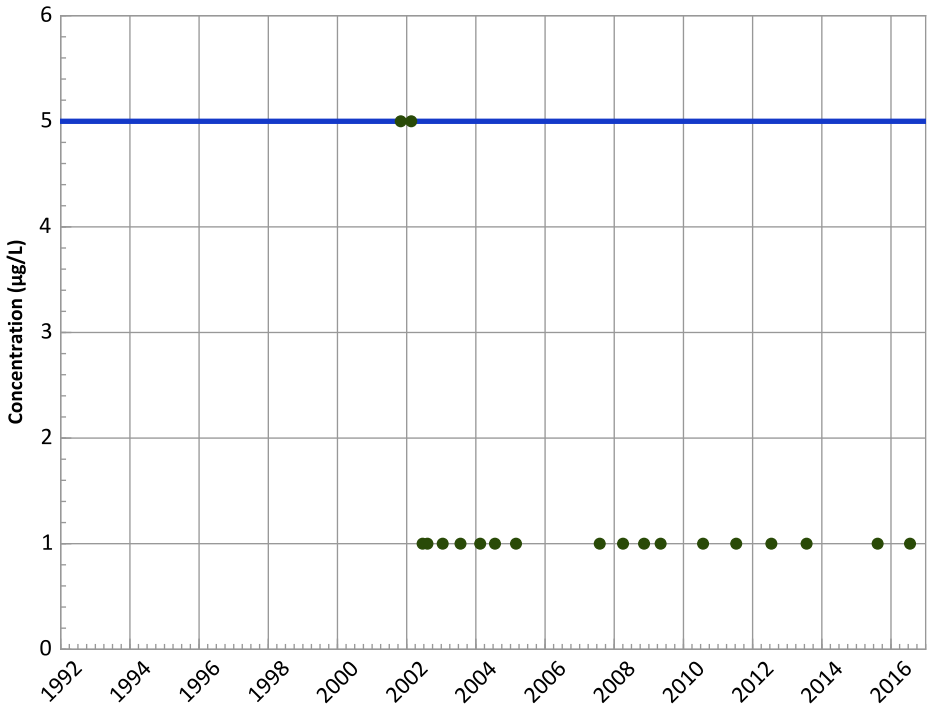
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

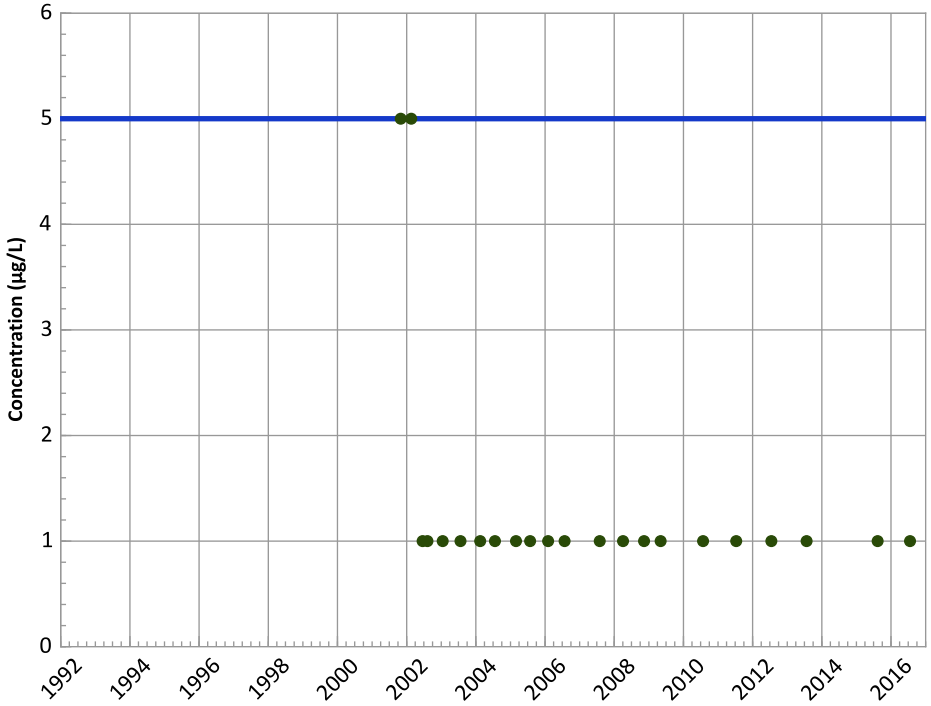


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

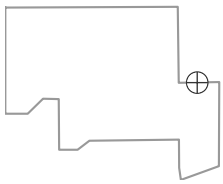
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/30/2001 to 07/20/2016
Analysis Date: 03/07/2017

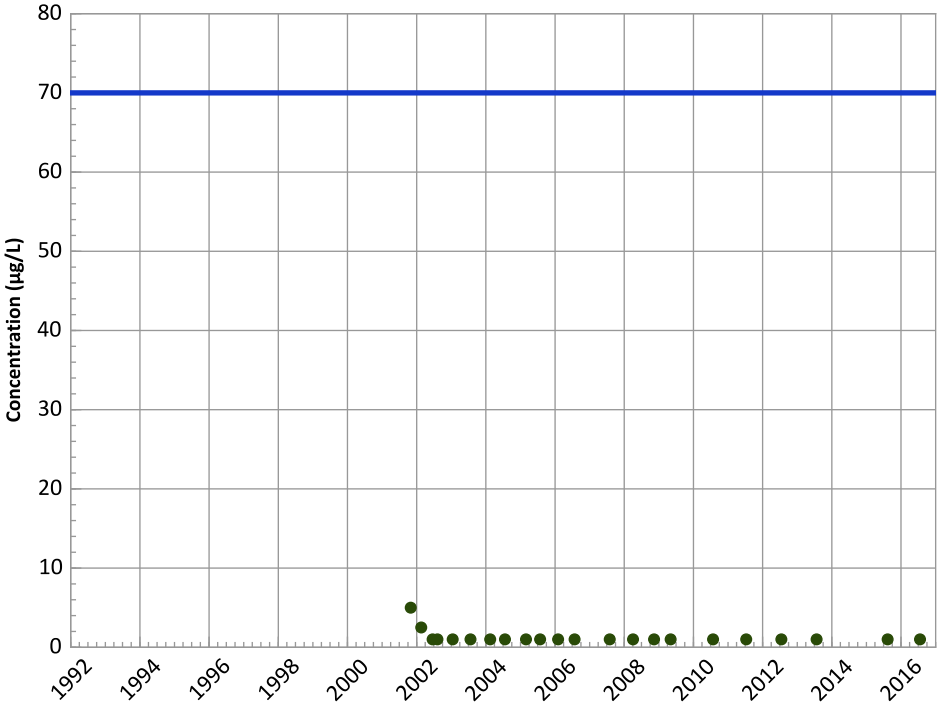
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

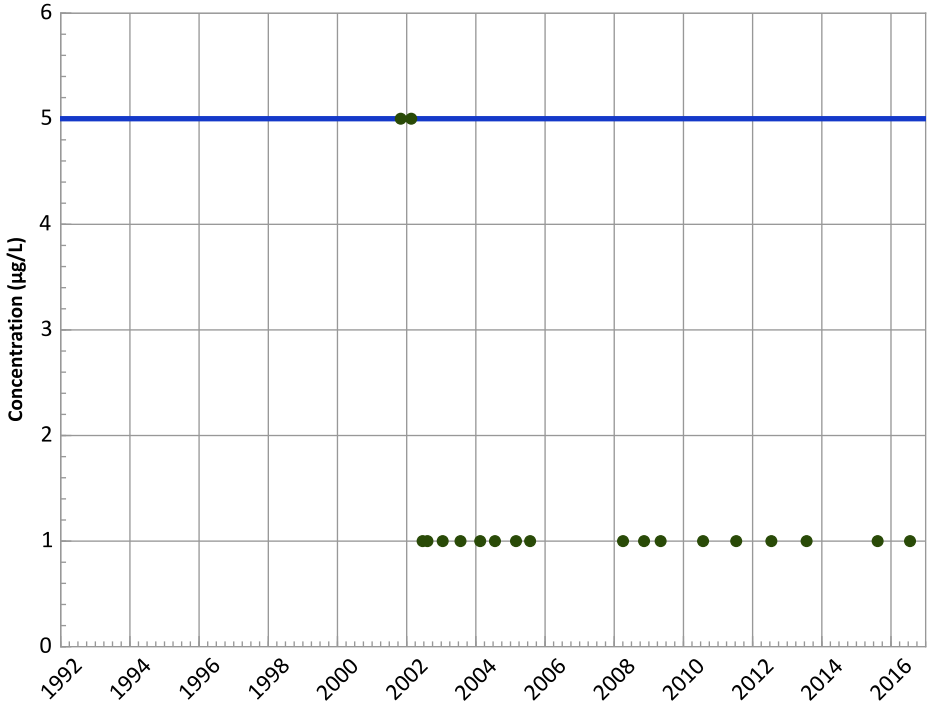


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

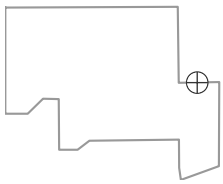
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/30/2001 to 07/20/2016
Analysis Date: 03/07/2017

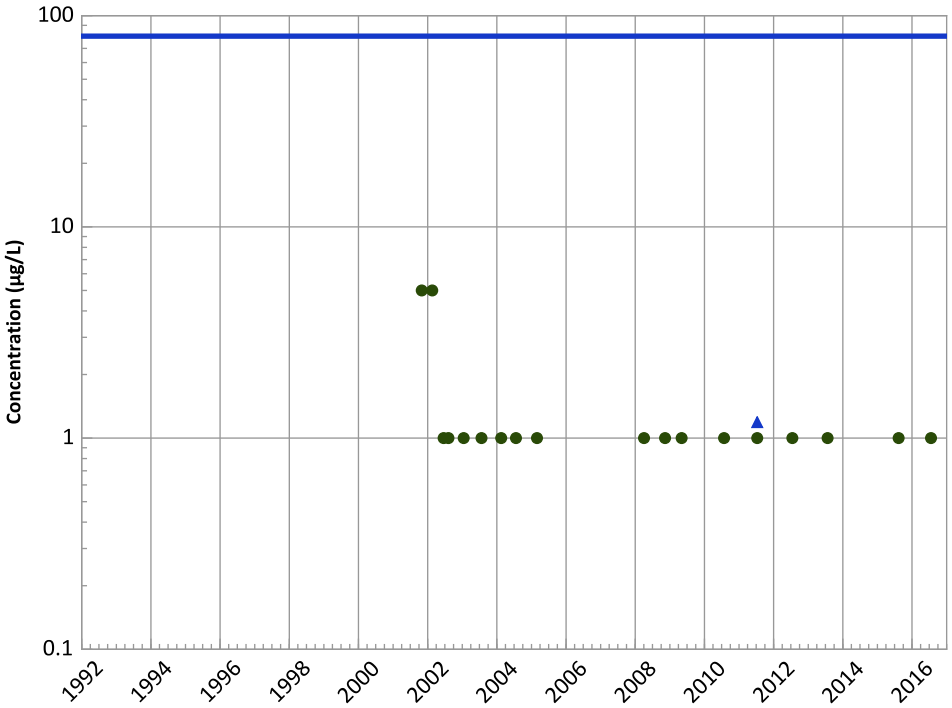
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

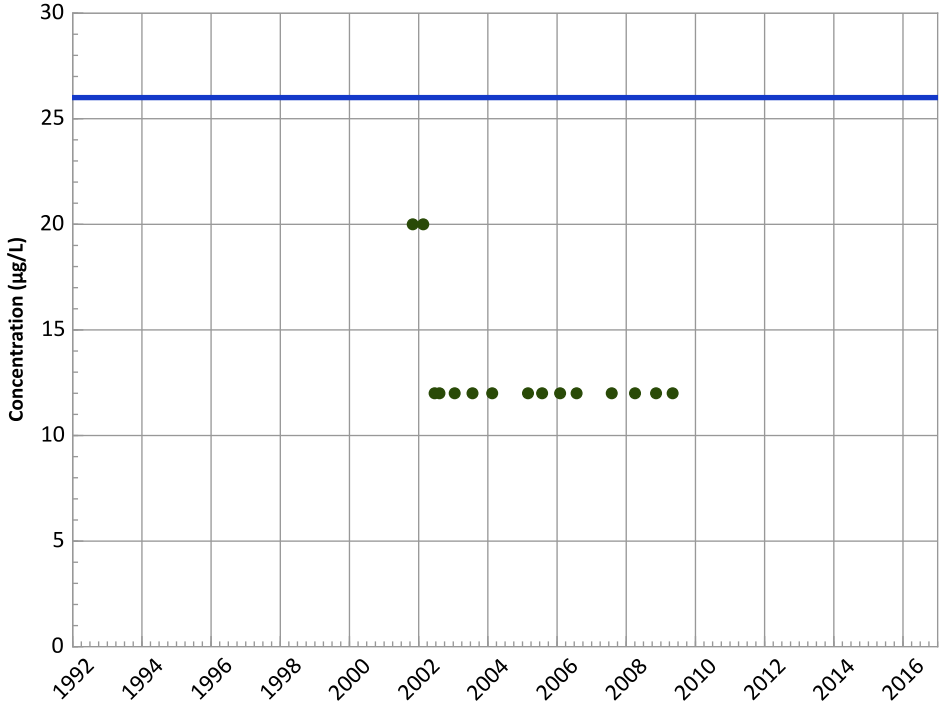


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Perchlorate Trend



Concentration Trend

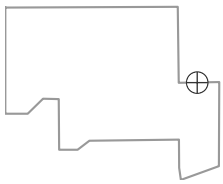
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/30/2001 to 07/20/2016
Analysis Date: 03/07/2017

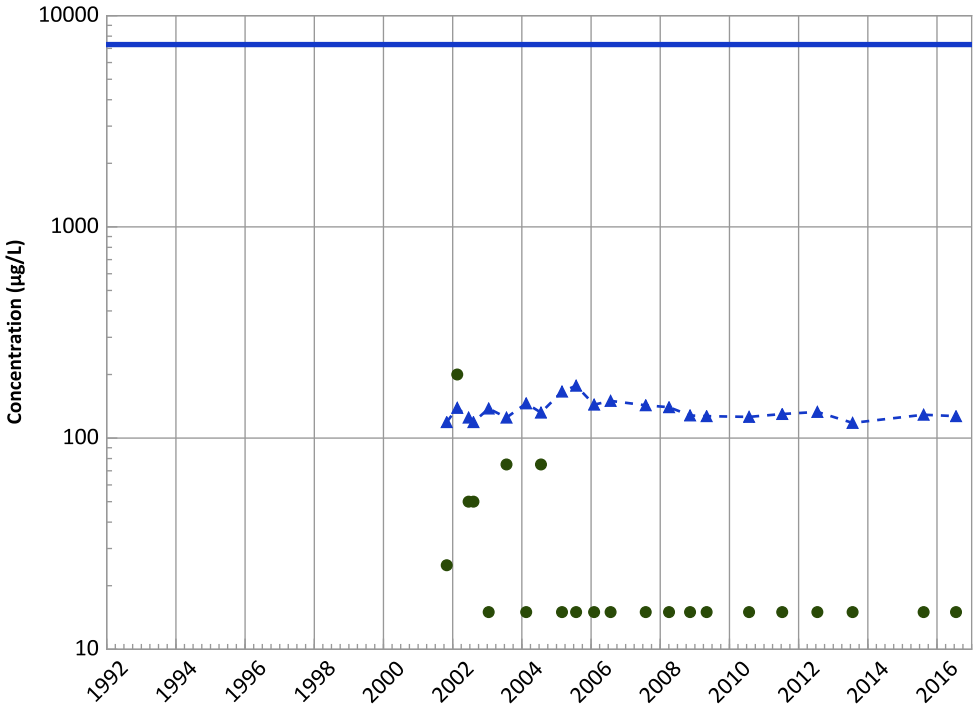
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

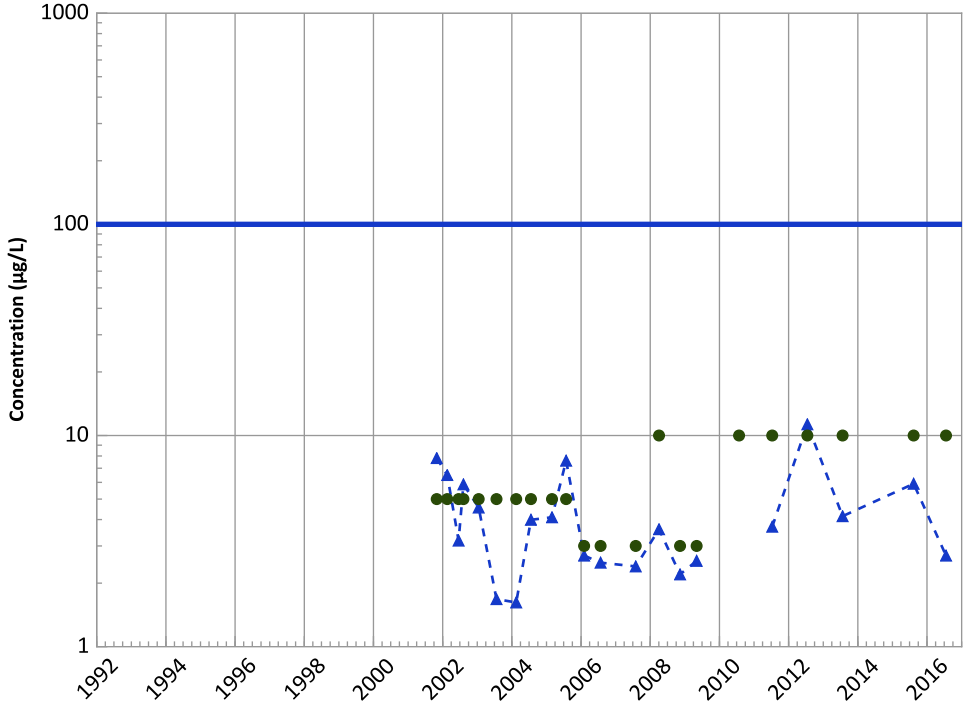


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Stable

Chromium, Total Trend



Concentration Trend

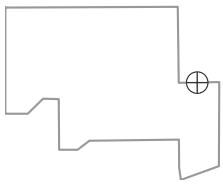
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/30/2001 to 07/20/2016
Analysis Date: 03/07/2017

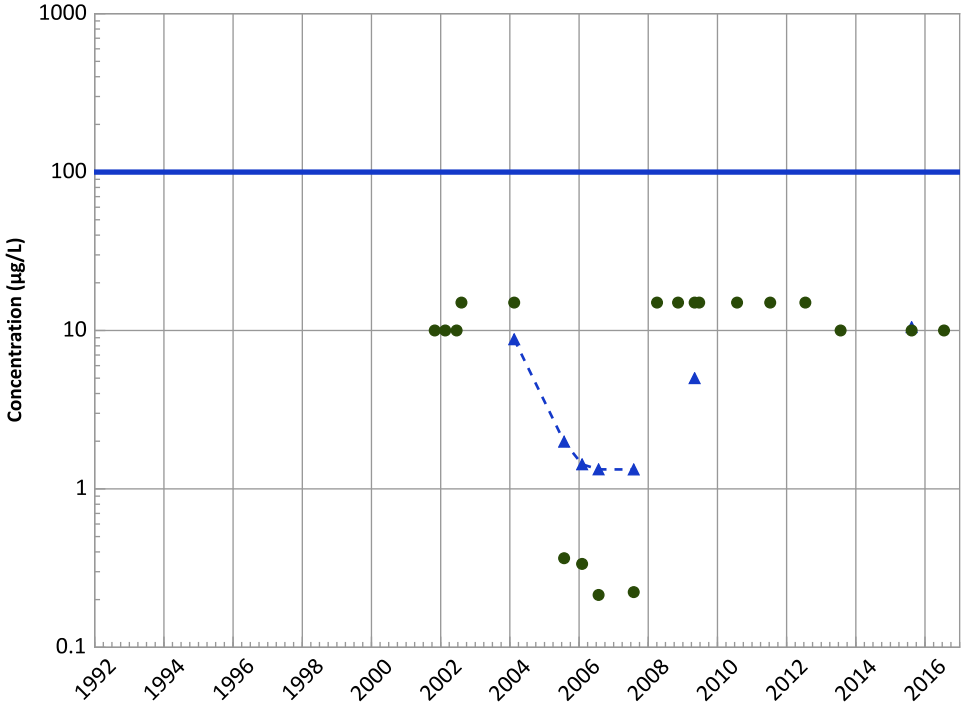
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

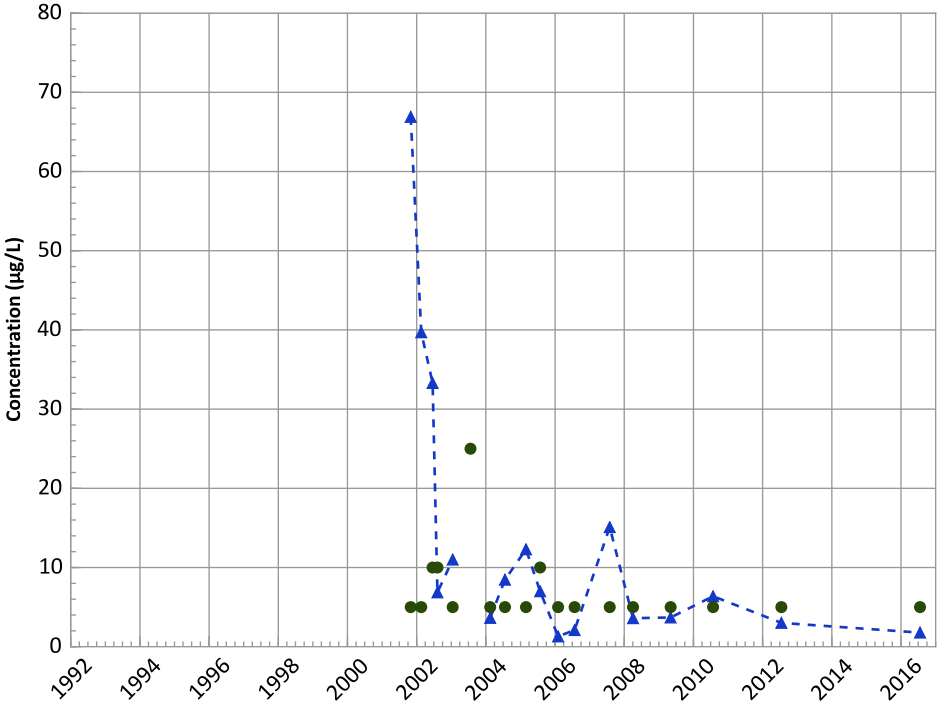


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Manganese Trend



Concentration Trend

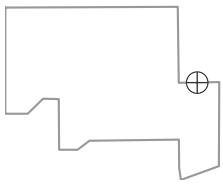
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/30/2001 to 07/20/2016
Analysis Date: 03/07/2017

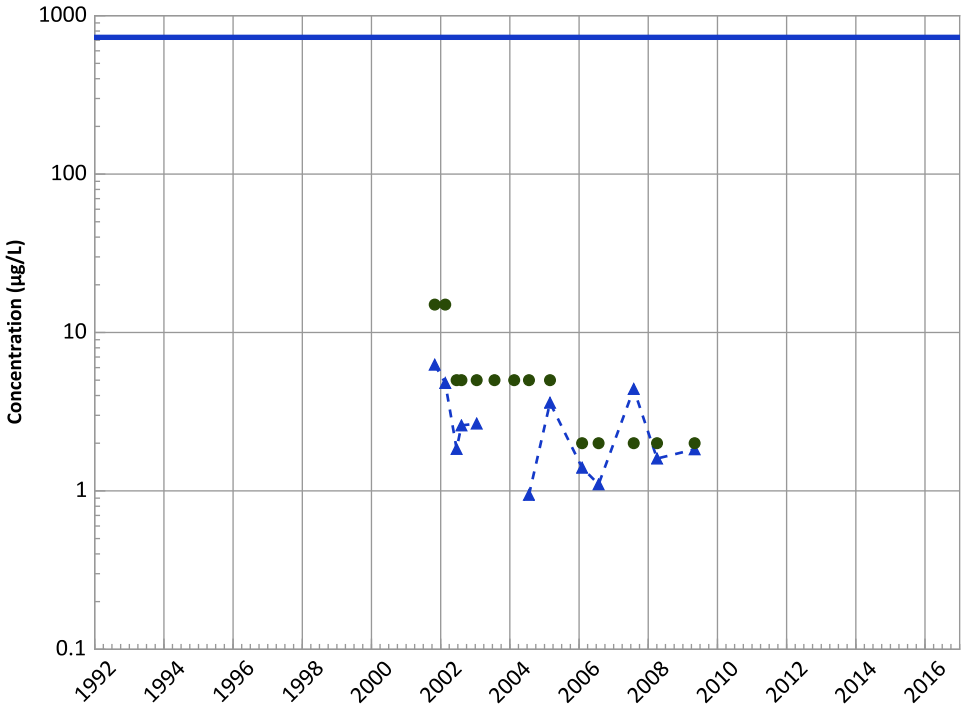
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

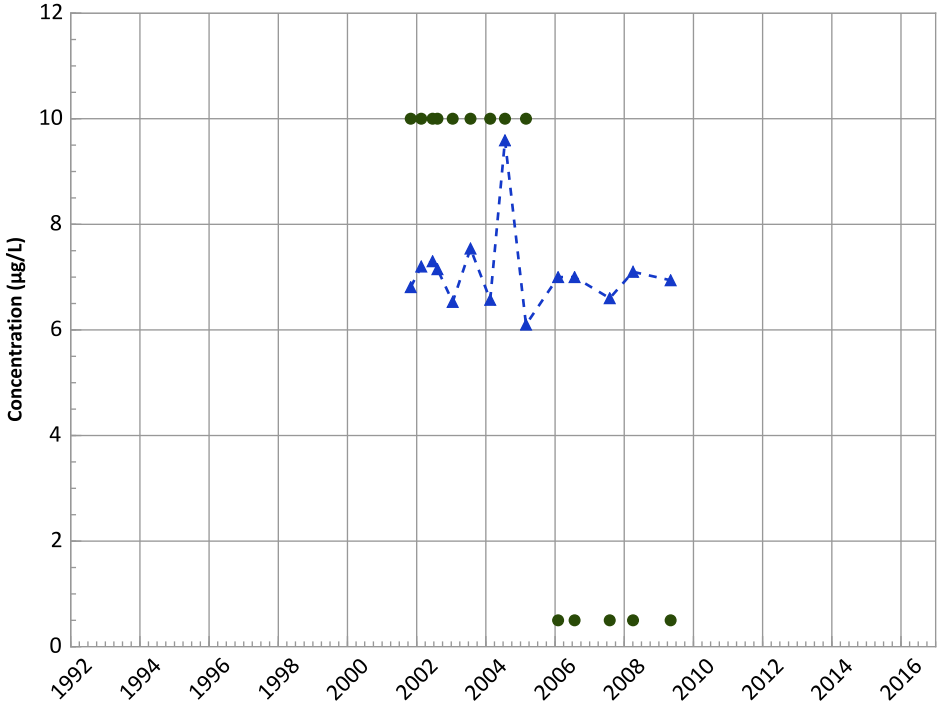


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Decreasing

Molybdenum Trend



Concentration Trend

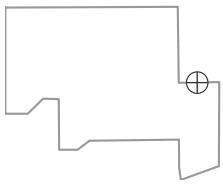
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/30/2001 to 07/20/2016
Analysis Date: 03/07/2017

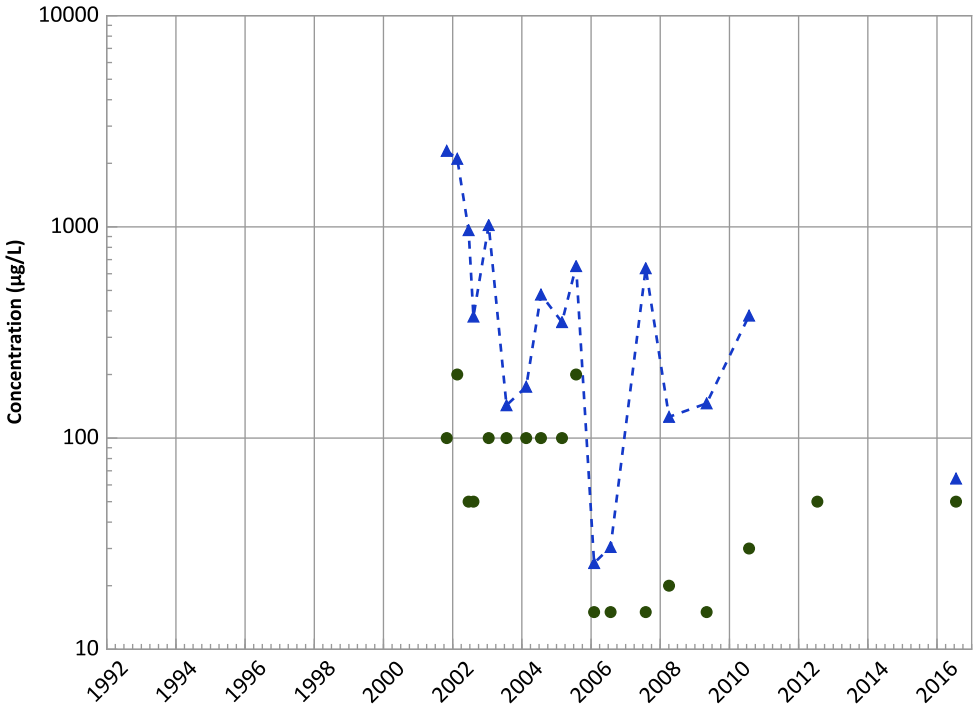
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

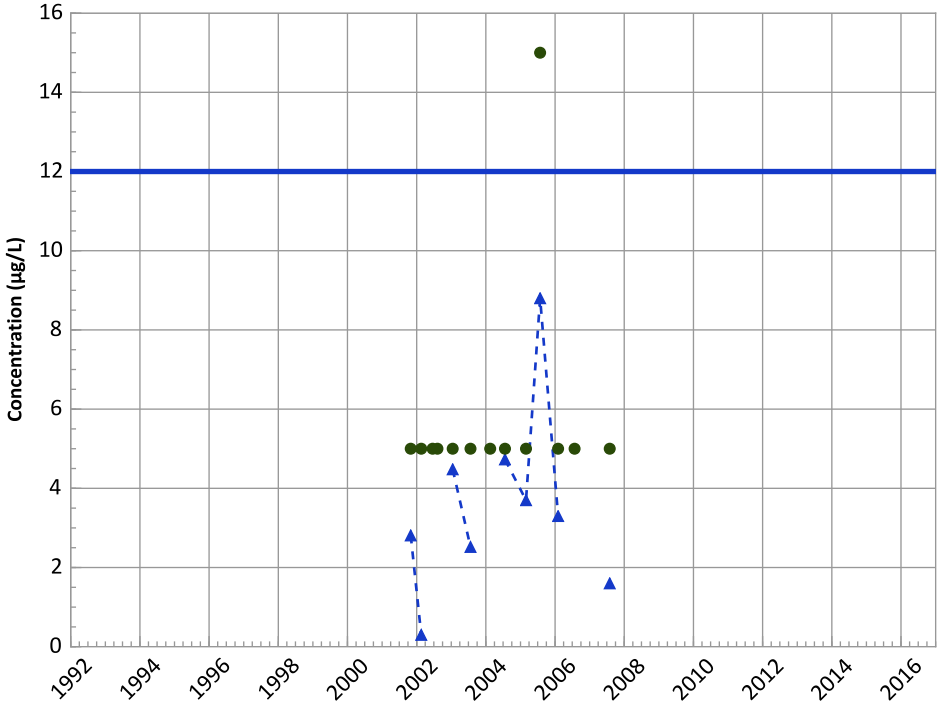


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Arsenic Trend



Concentration Trend

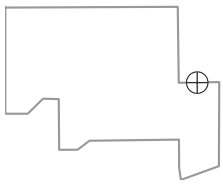
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/30/2001 to 07/20/2016
Analysis Date: 03/07/2017

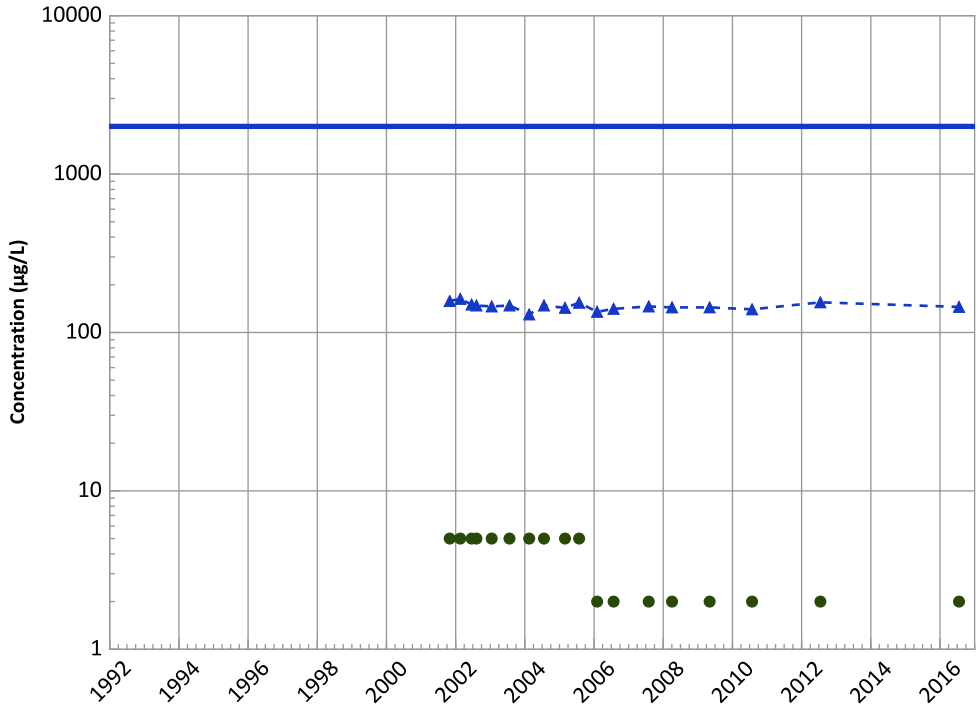
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

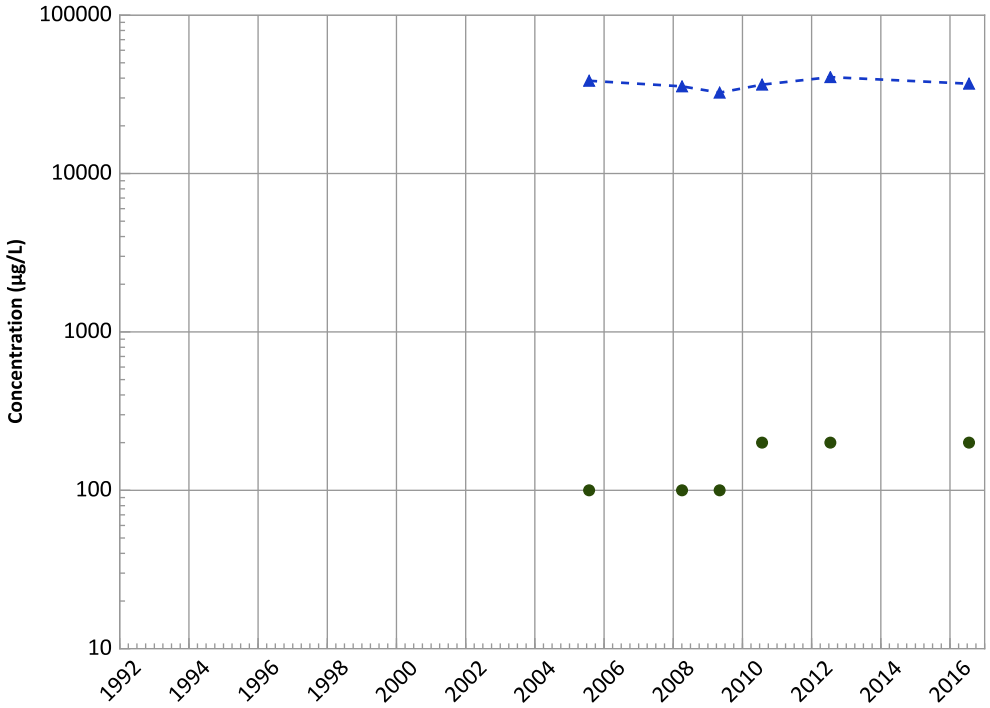


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Calcium Trend



Concentration Trend

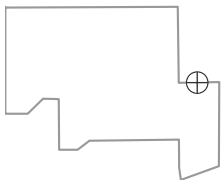
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/30/2001 to 07/20/2016
Analysis Date: 03/07/2017

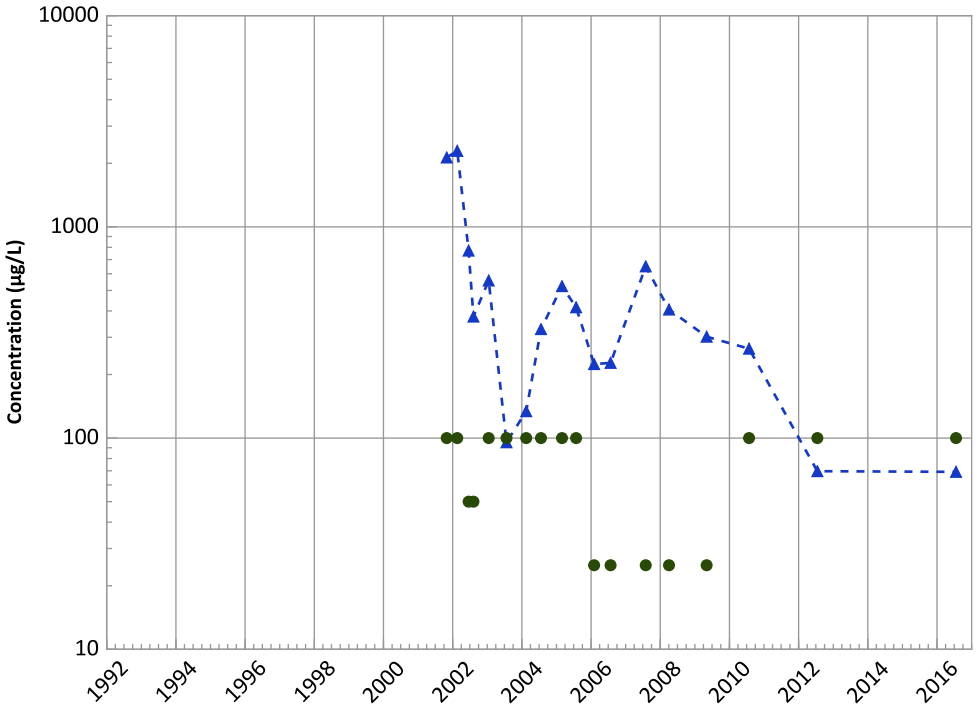
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

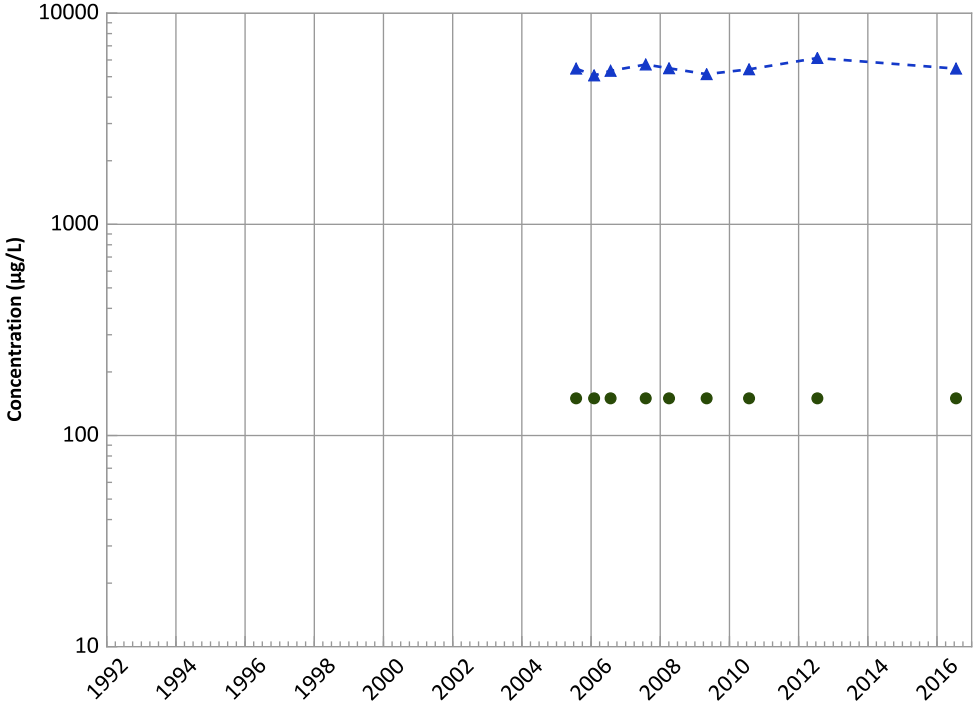


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Potassium Trend



Concentration Trend

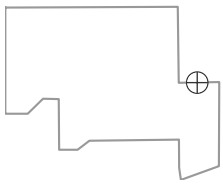
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/30/2001 to 07/20/2016
Analysis Date: 03/07/2017

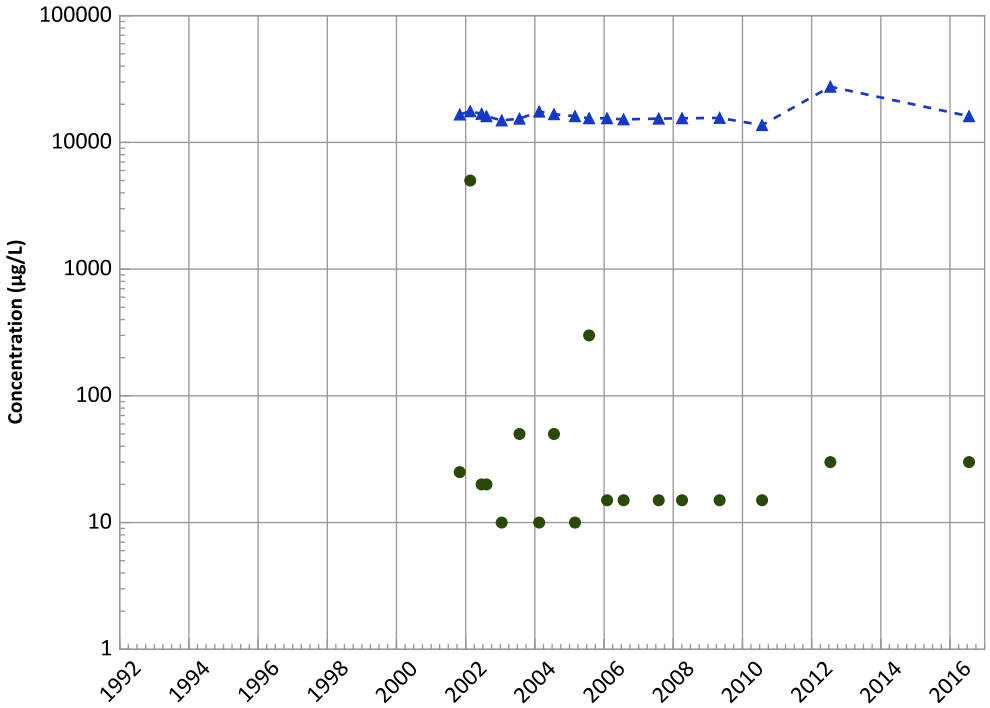
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

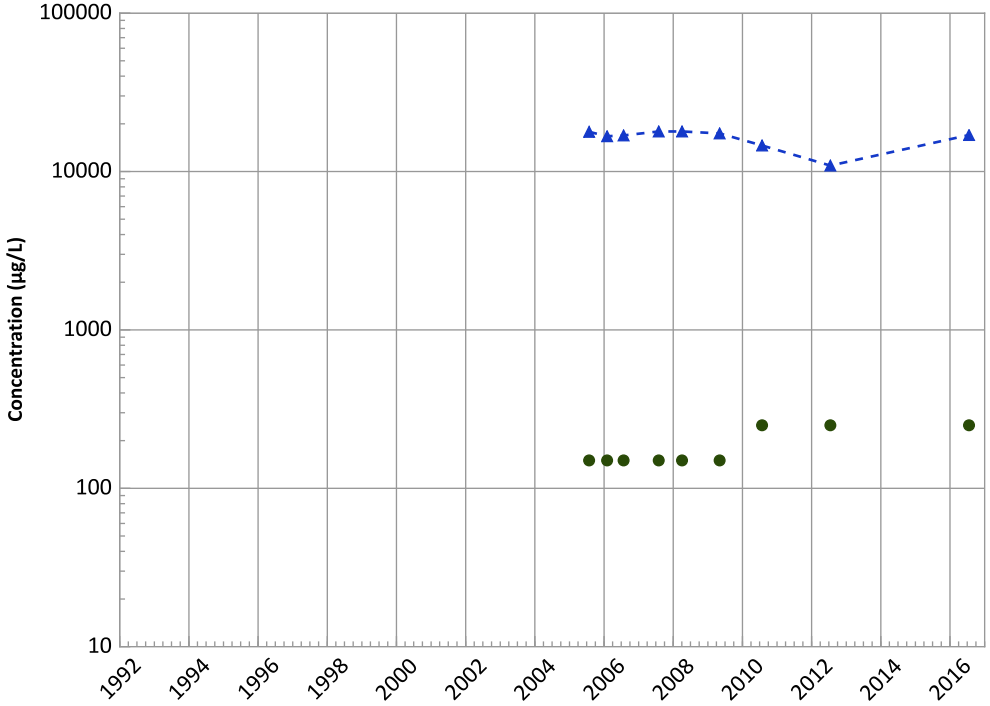


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Sodium Trend



Concentration Trend

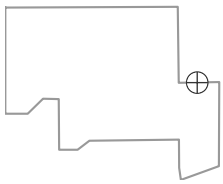
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

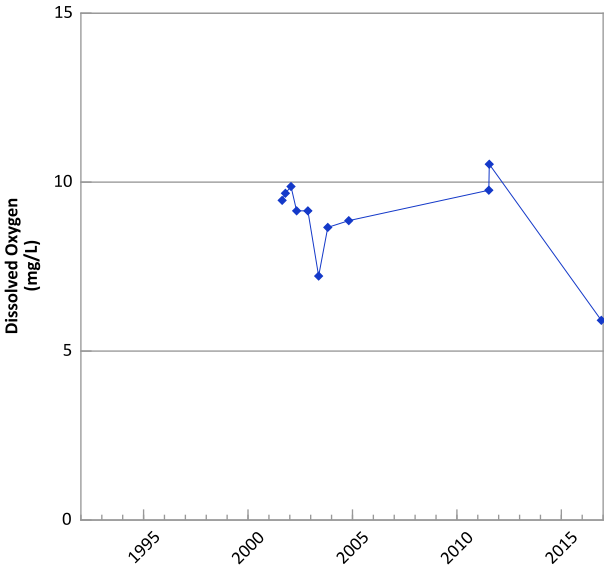
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/30/2001 to 07/20/2016
Analysis Date: 03/07/2017

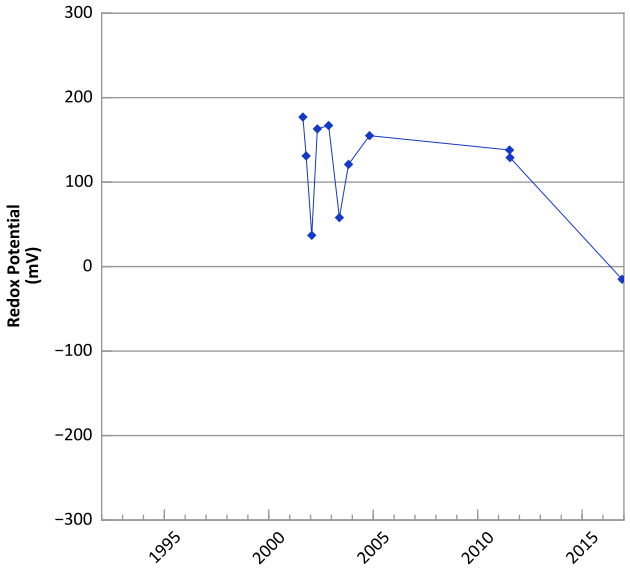
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

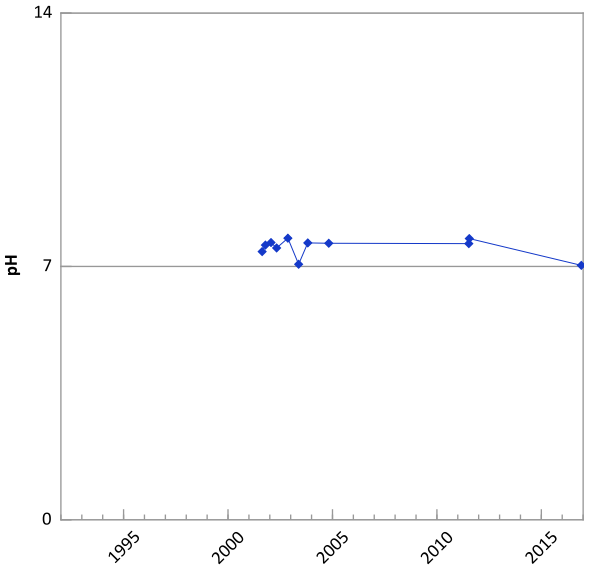
Well Location

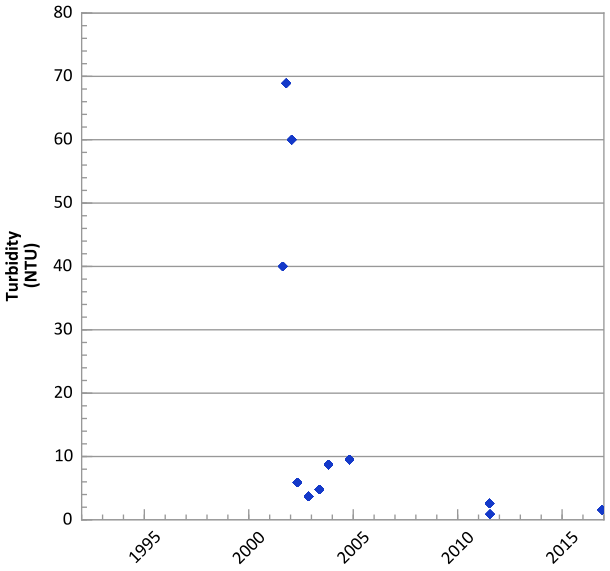


PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



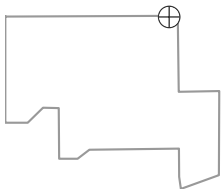






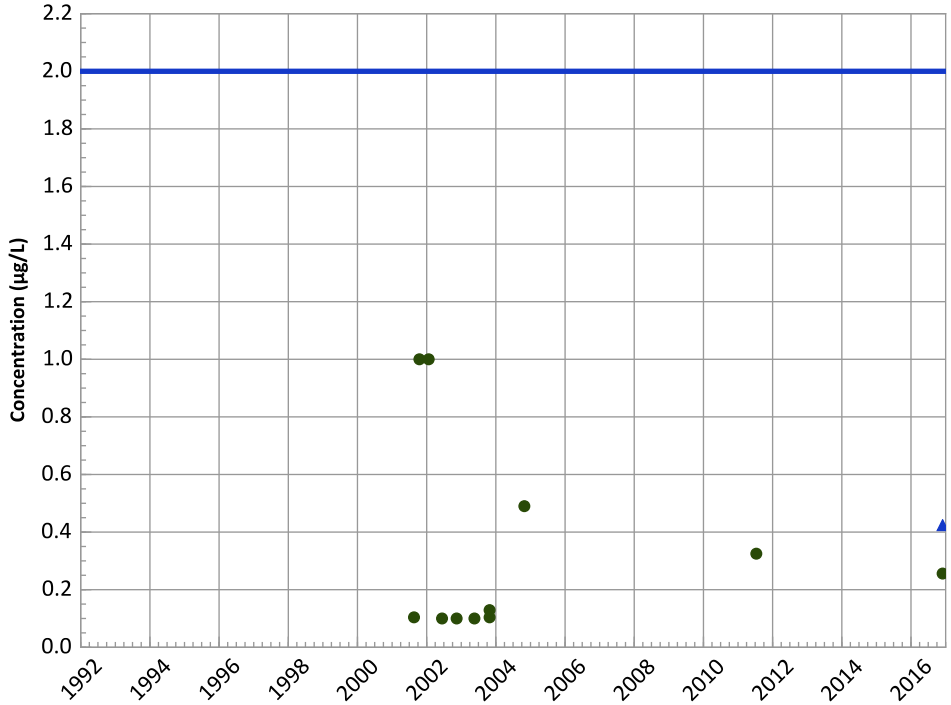
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/2001 to 11/30/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

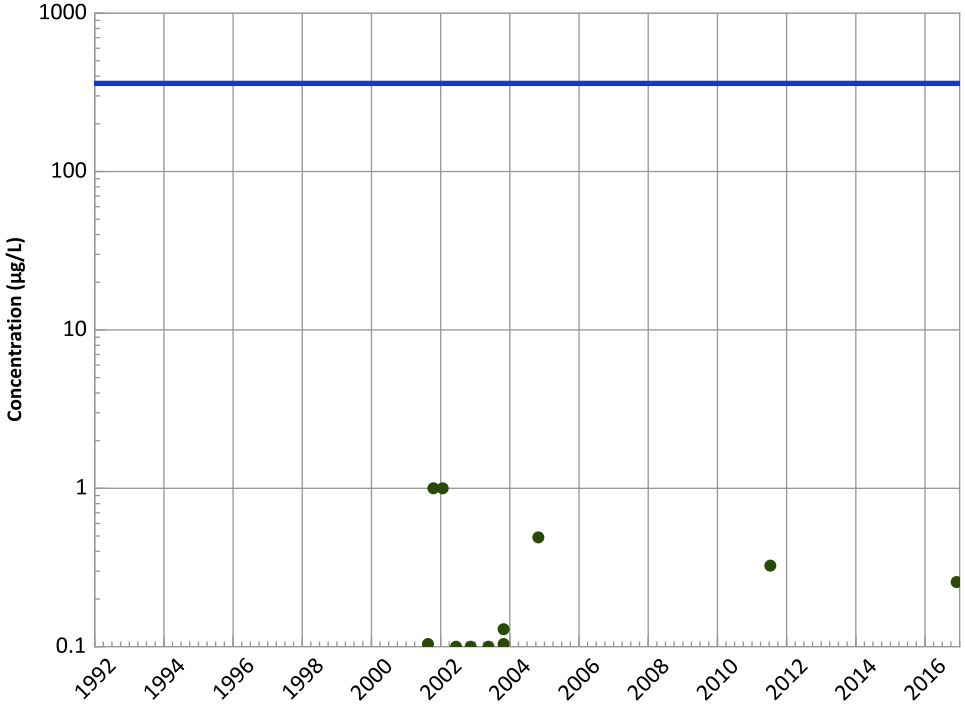


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

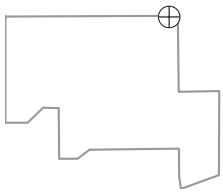
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/2001 to 11/30/2016
Analysis Date: 03/07/2017

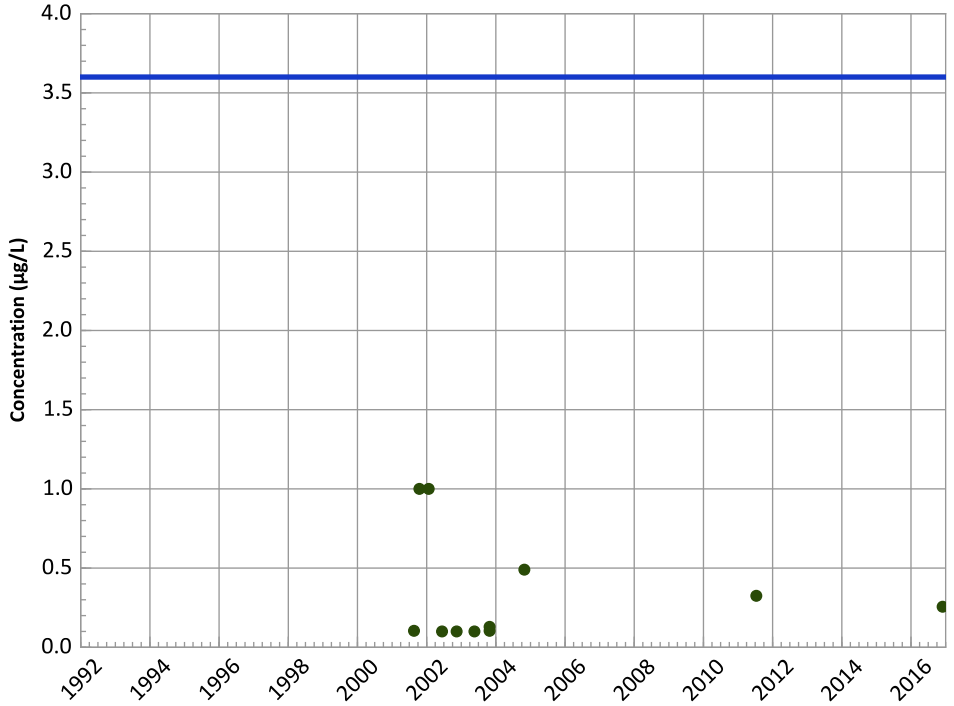
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

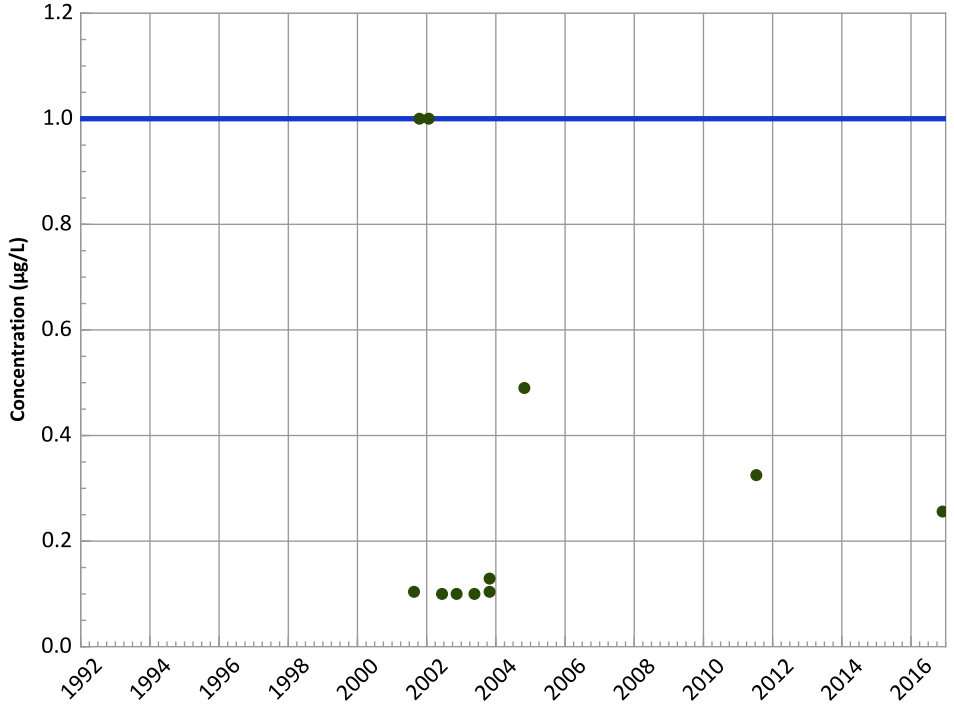


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

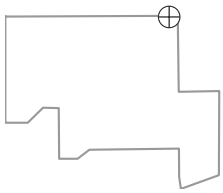
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/2001 to 11/30/2016
Analysis Date: 03/07/2017

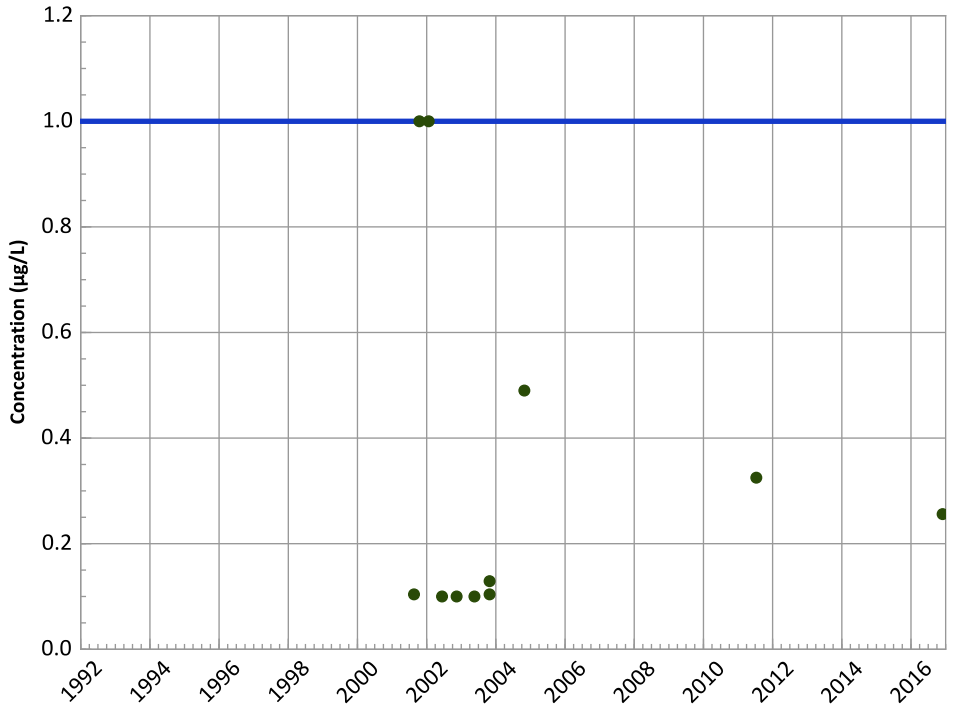
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

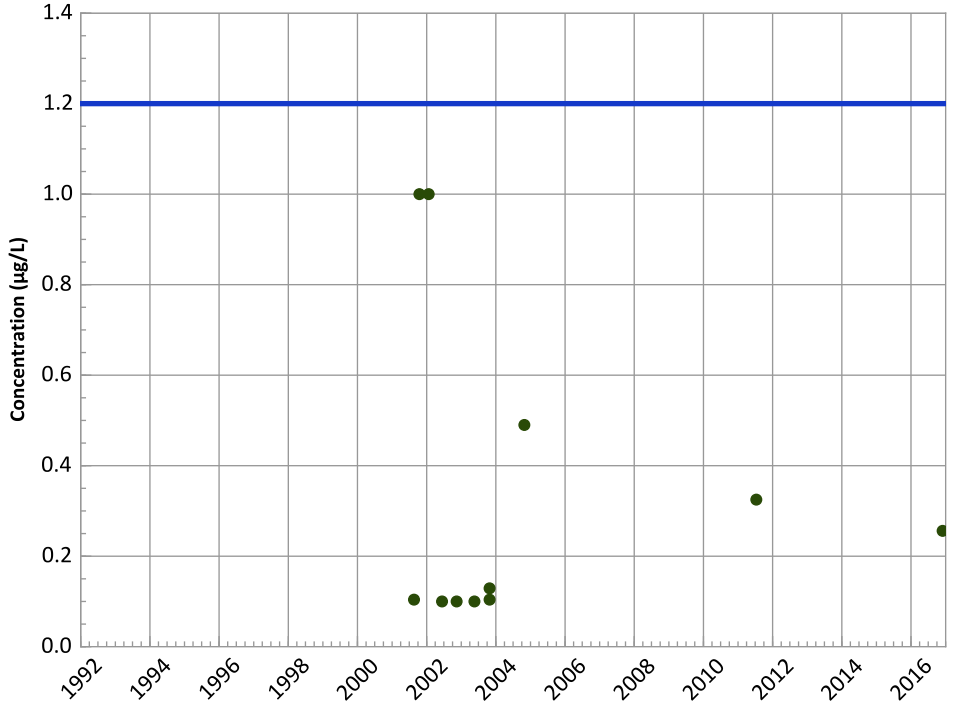


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

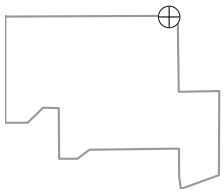
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/2001 to 11/30/2016
Analysis Date: 03/07/2017

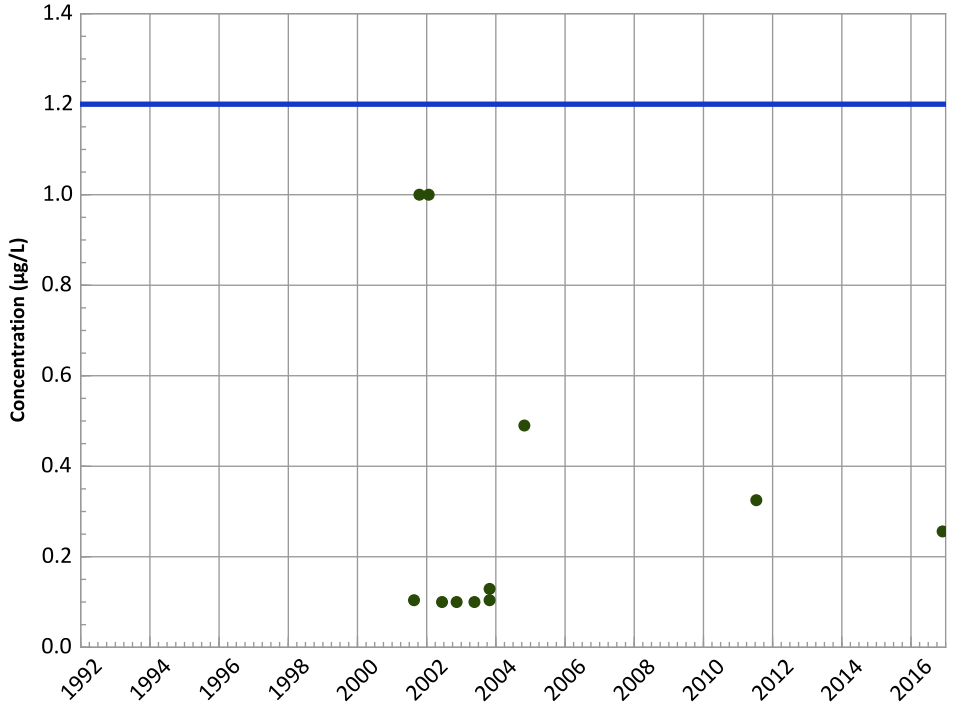
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

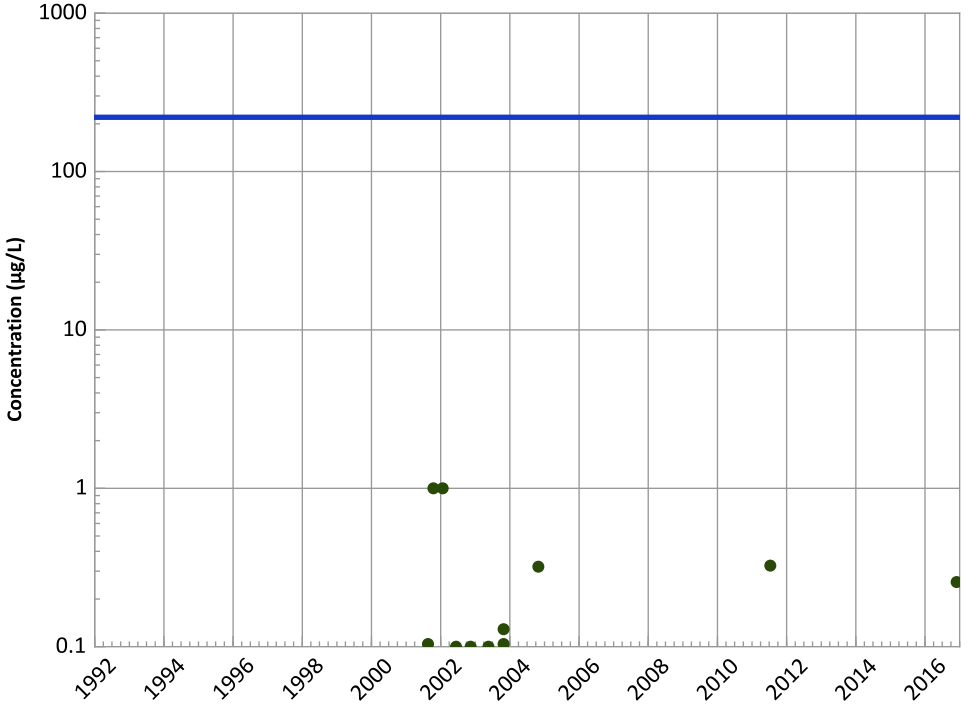


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

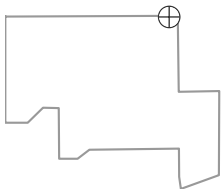
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/2001 to 11/30/2016
Analysis Date: 03/07/2017

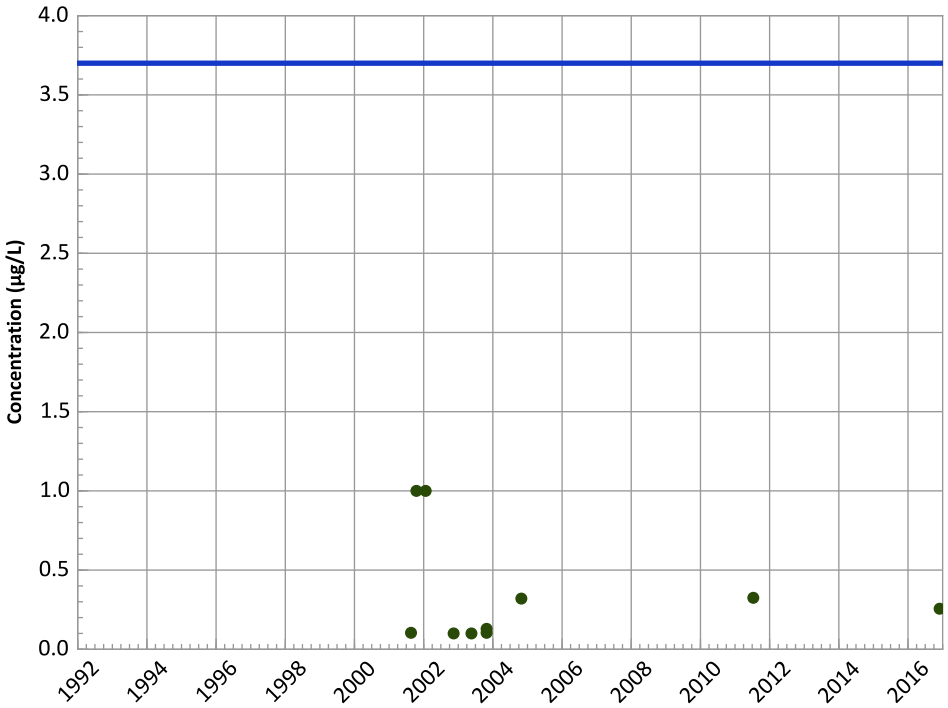
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

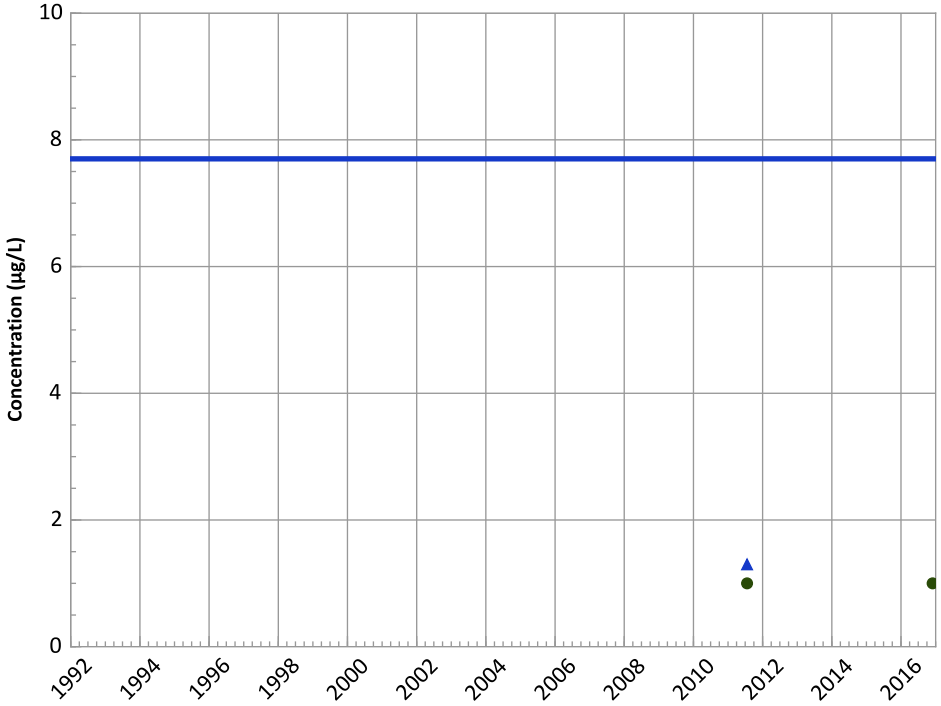


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

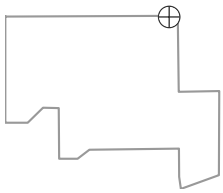
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/2001 to 11/30/2016
Analysis Date: 03/07/2017

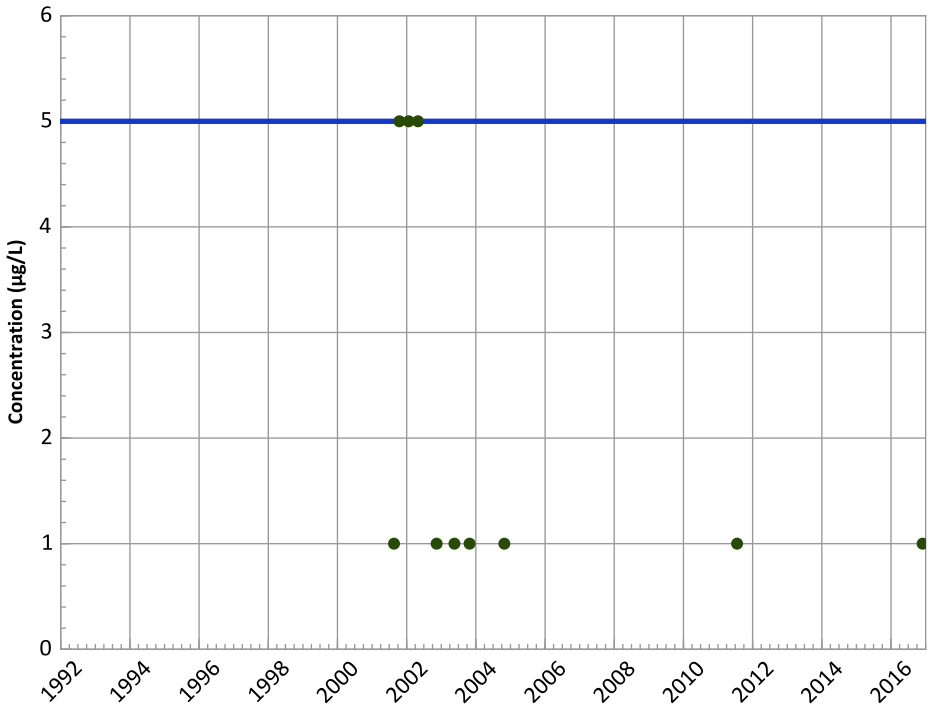
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

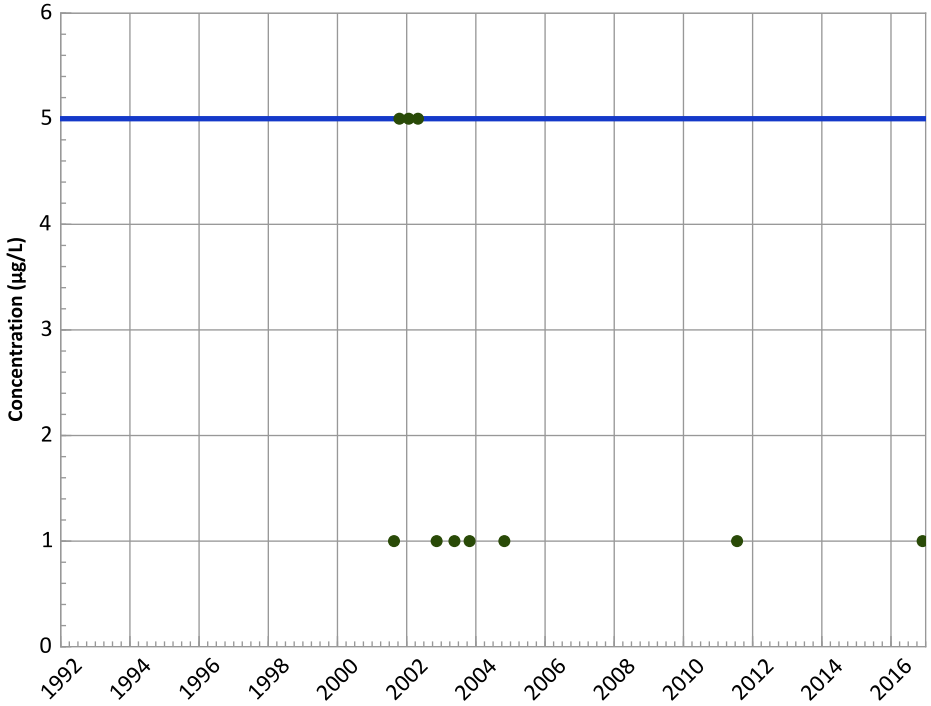


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

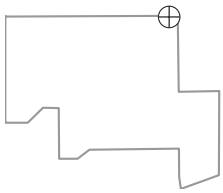
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/2001 to 11/30/2016
Analysis Date: 03/07/2017

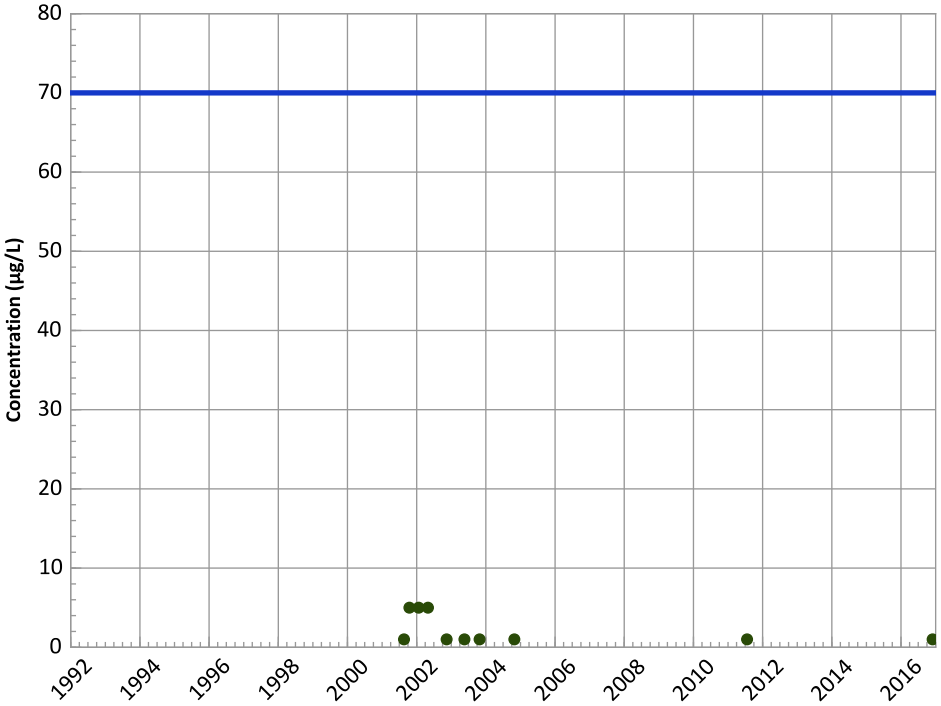
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

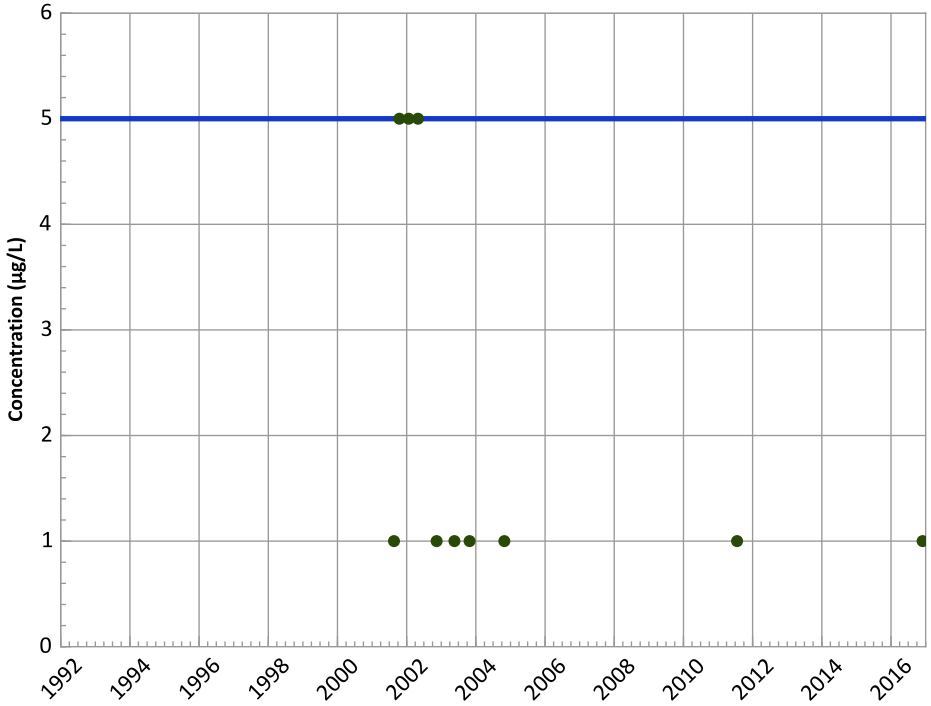


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

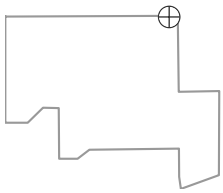
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/2001 to 11/30/2016
Analysis Date: 03/07/2017

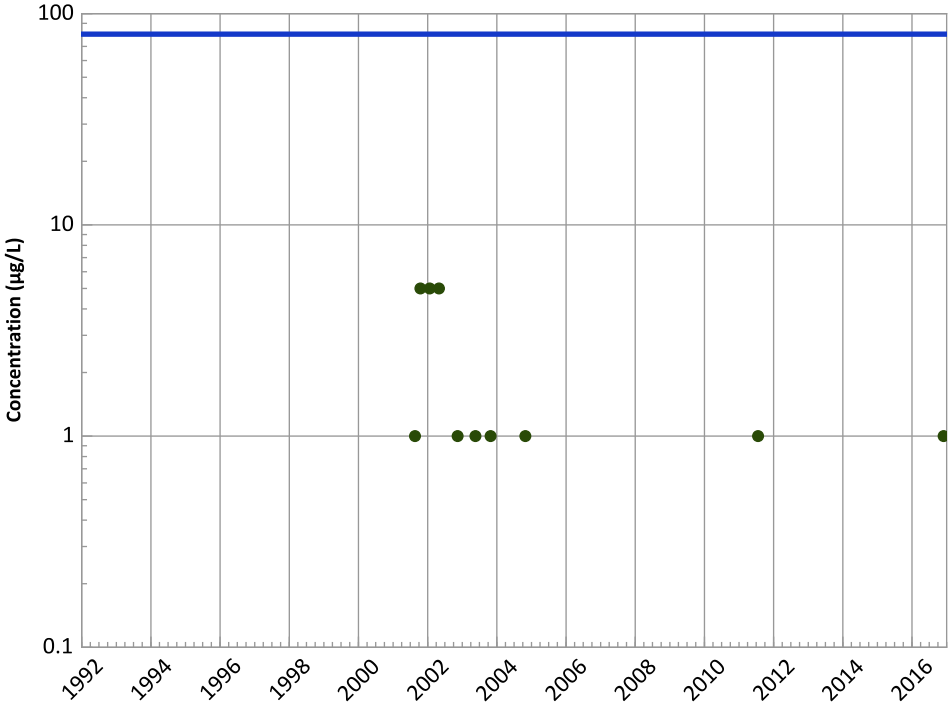
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

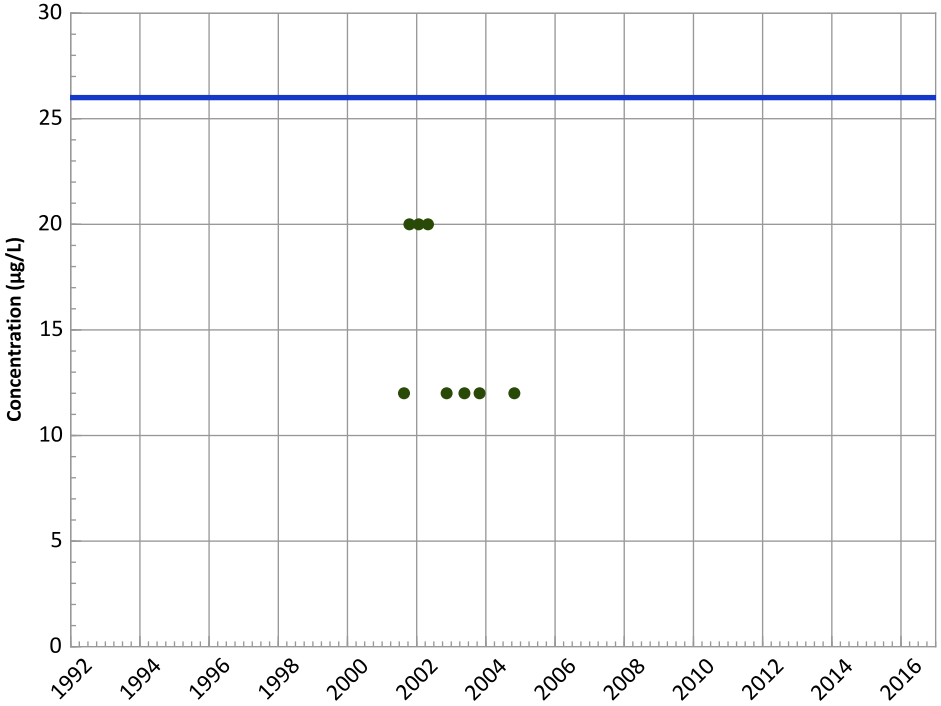


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

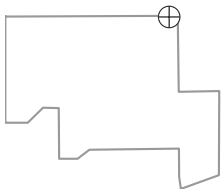
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/2001 to 11/30/2016
Analysis Date: 03/07/2017

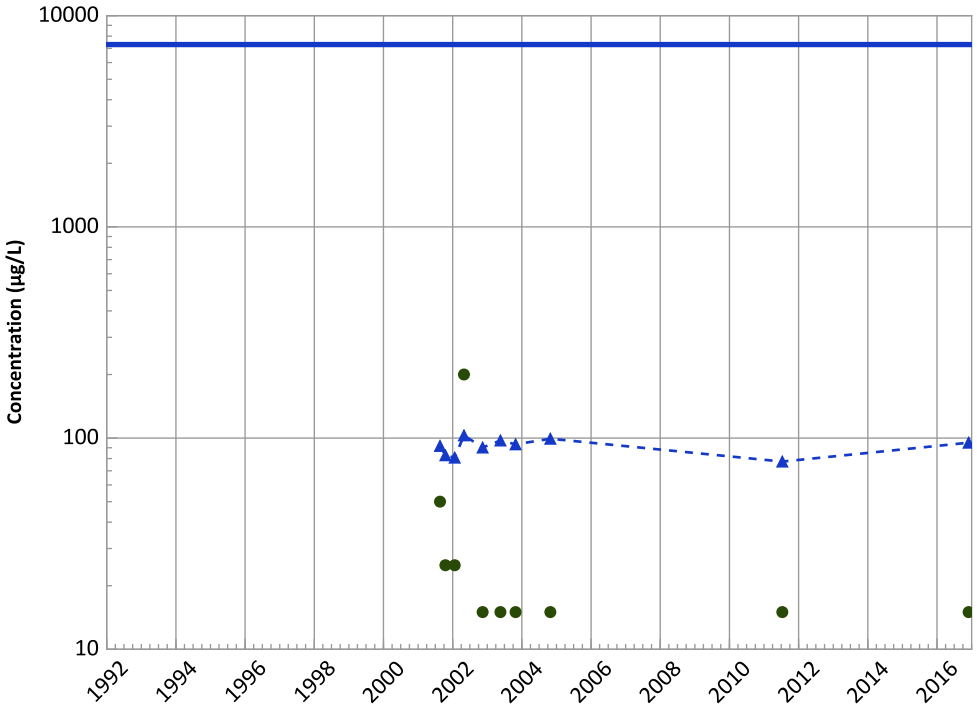
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

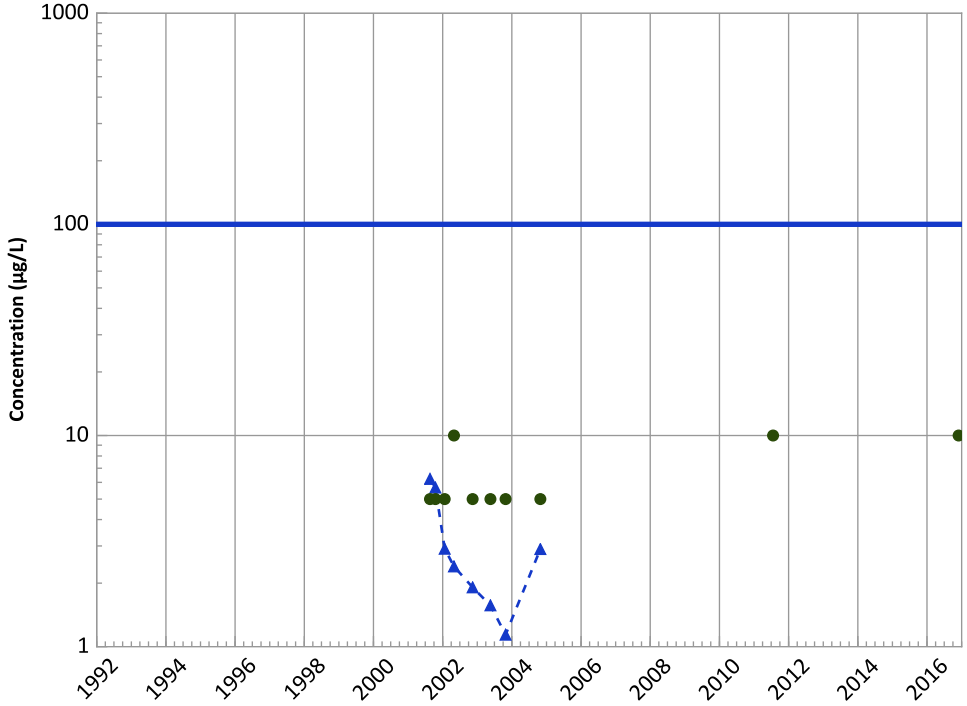


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

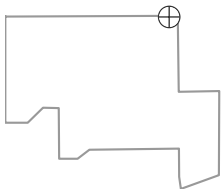
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/2001 to 11/30/2016
Analysis Date: 03/07/2017

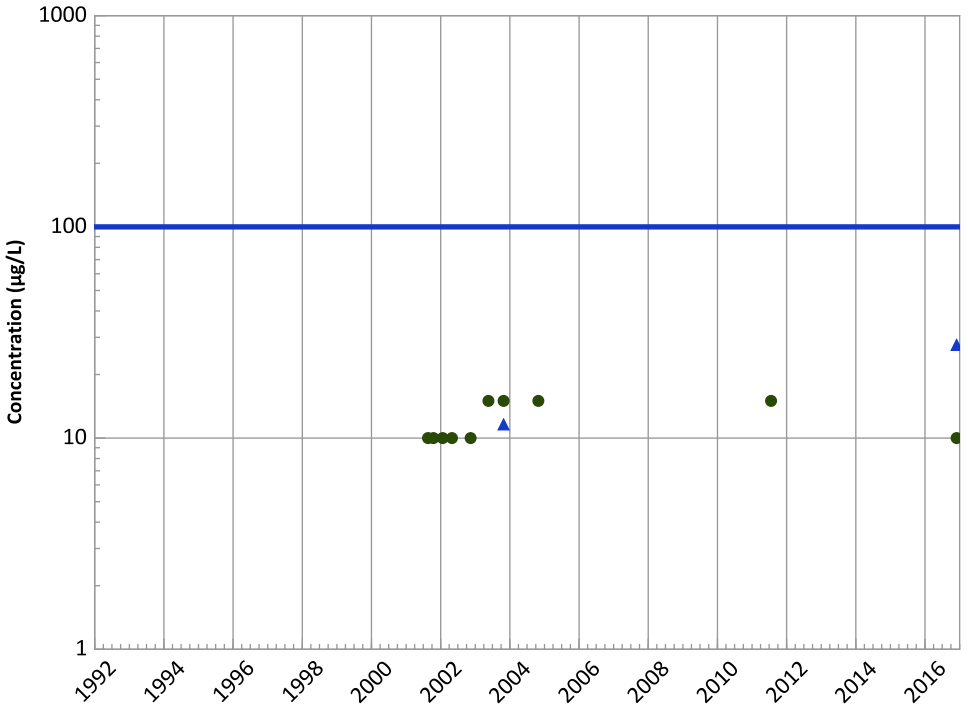
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

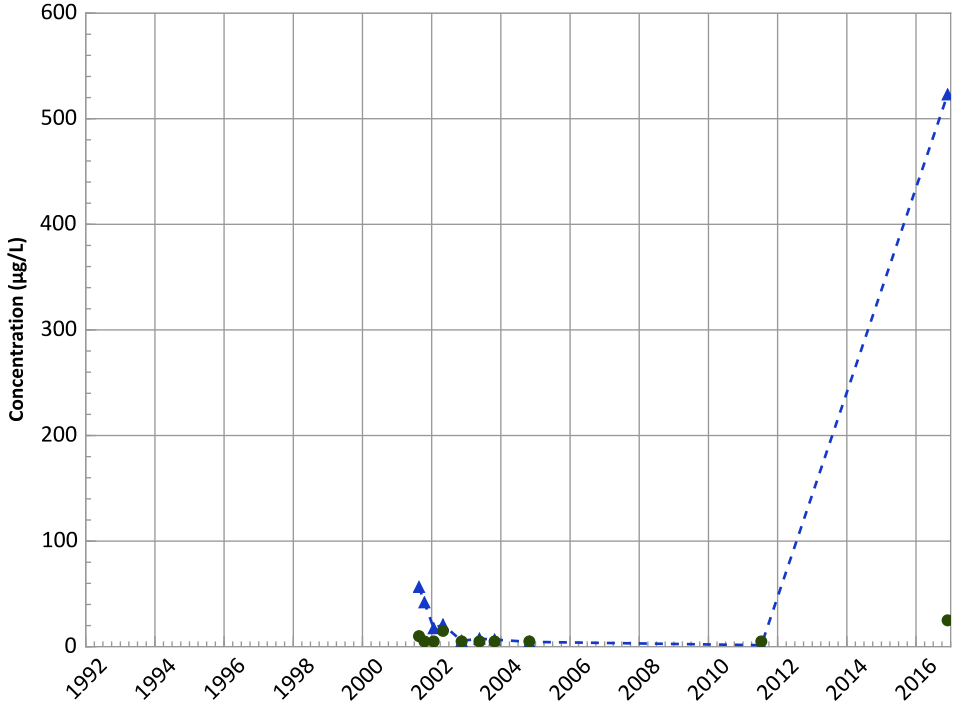


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

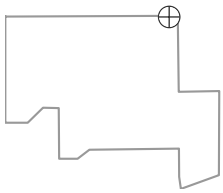
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/2001 to 11/30/2016
Analysis Date: 03/07/2017

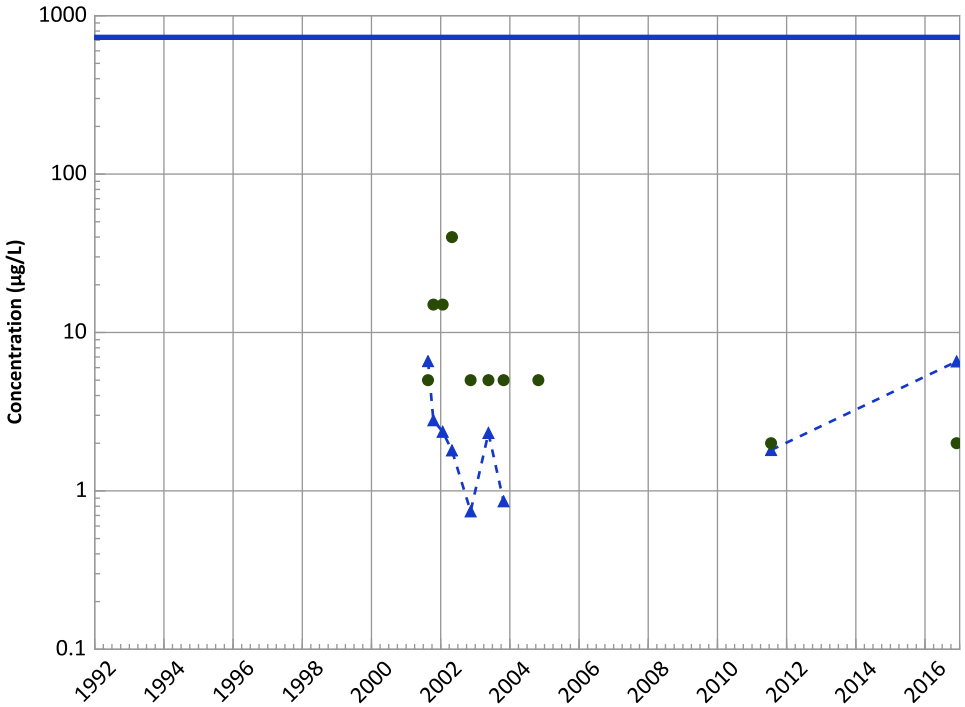
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

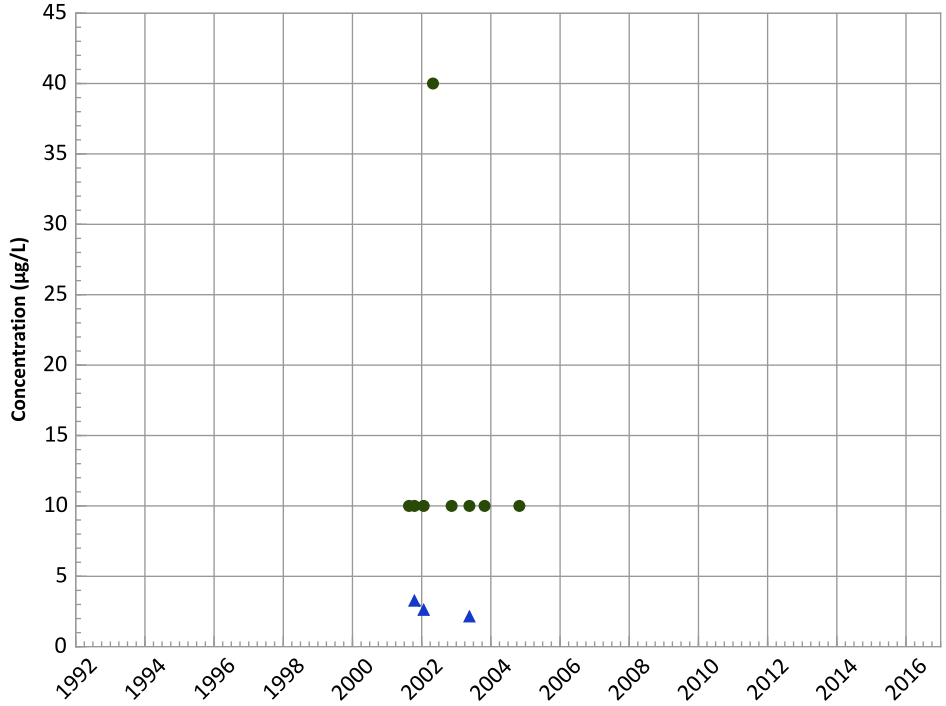


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Molybdenum Trend



Concentration Trend

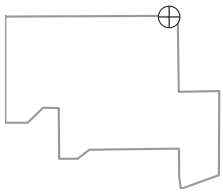
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/2001 to 11/30/2016
Analysis Date: 03/07/2017

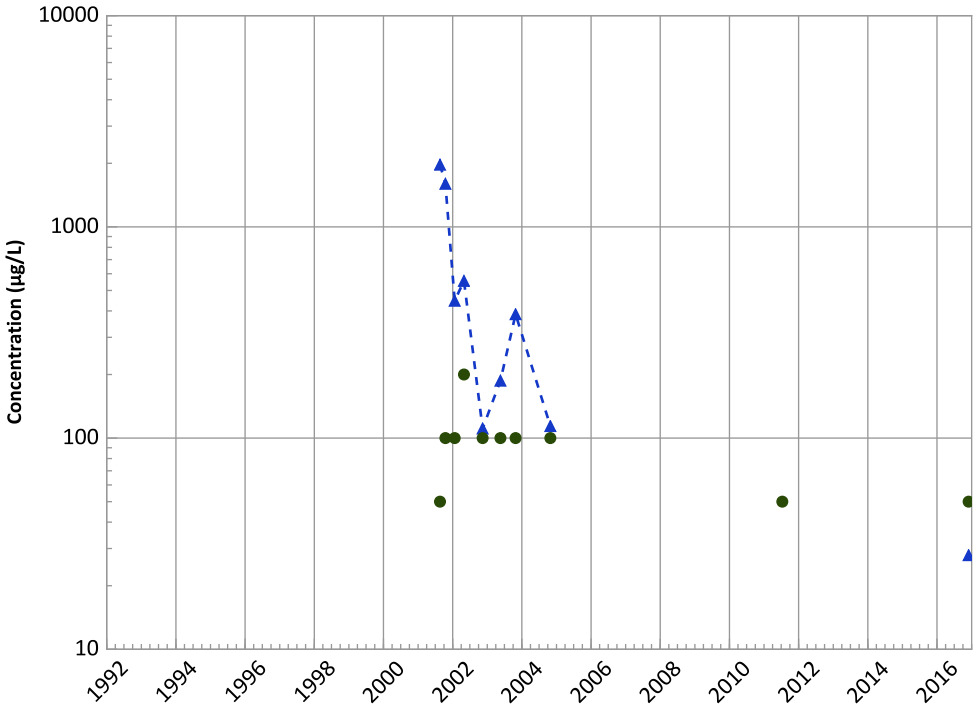
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

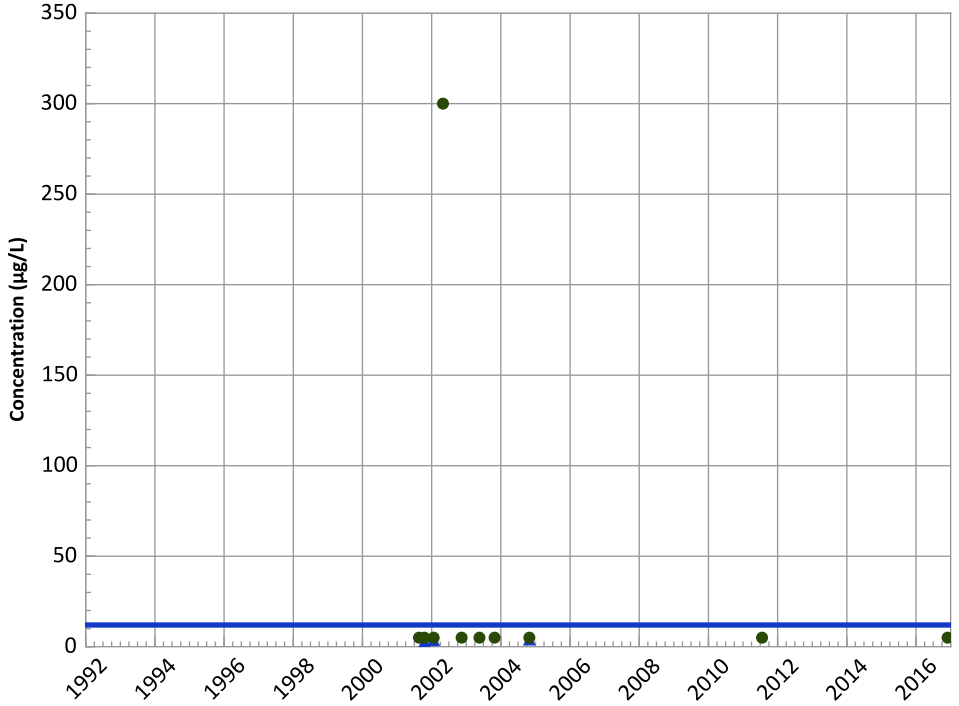


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Arsenic Trend



Concentration Trend

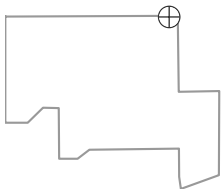
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/2001 to 11/30/2016
Analysis Date: 03/07/2017

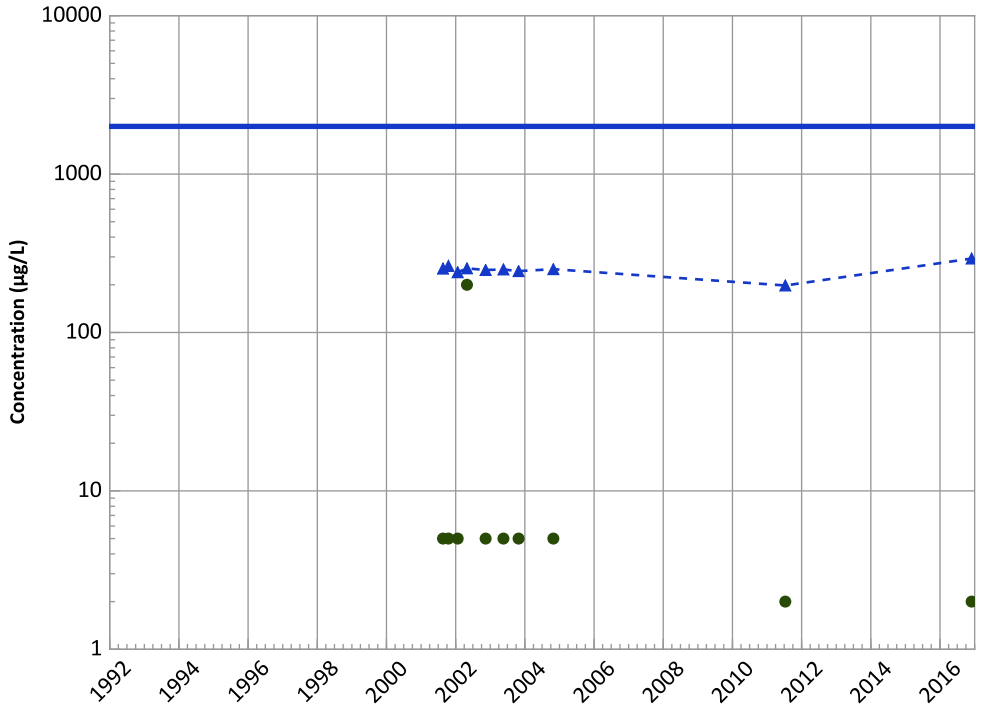
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

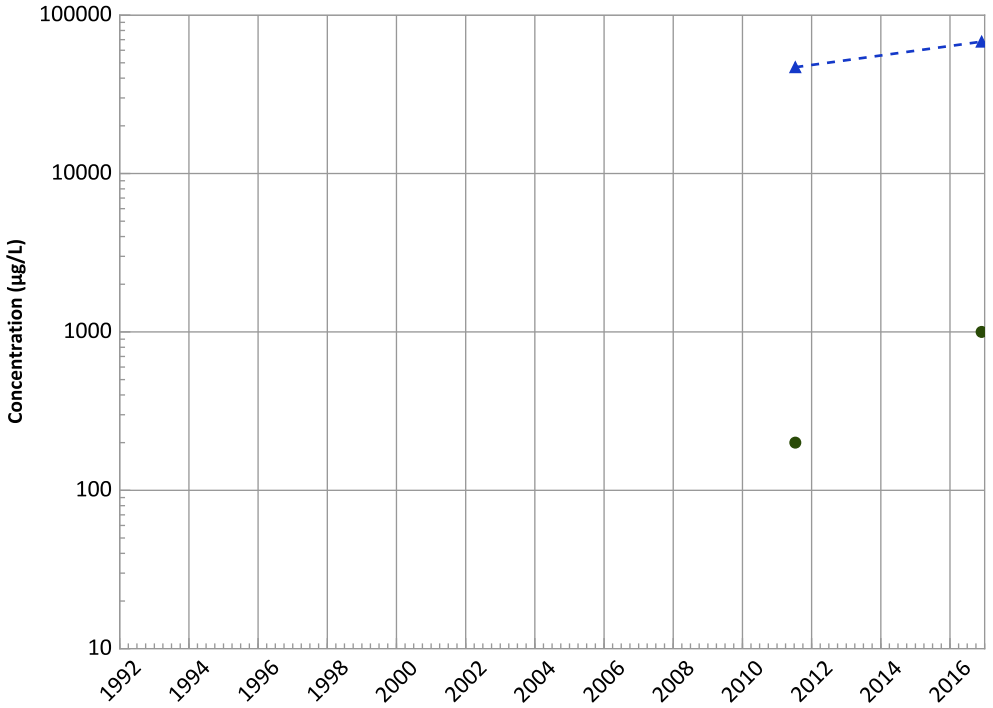


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Calcium Trend



Concentration Trend

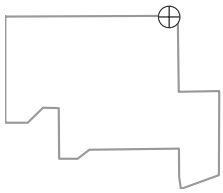
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/2001 to 11/30/2016
Analysis Date: 03/07/2017

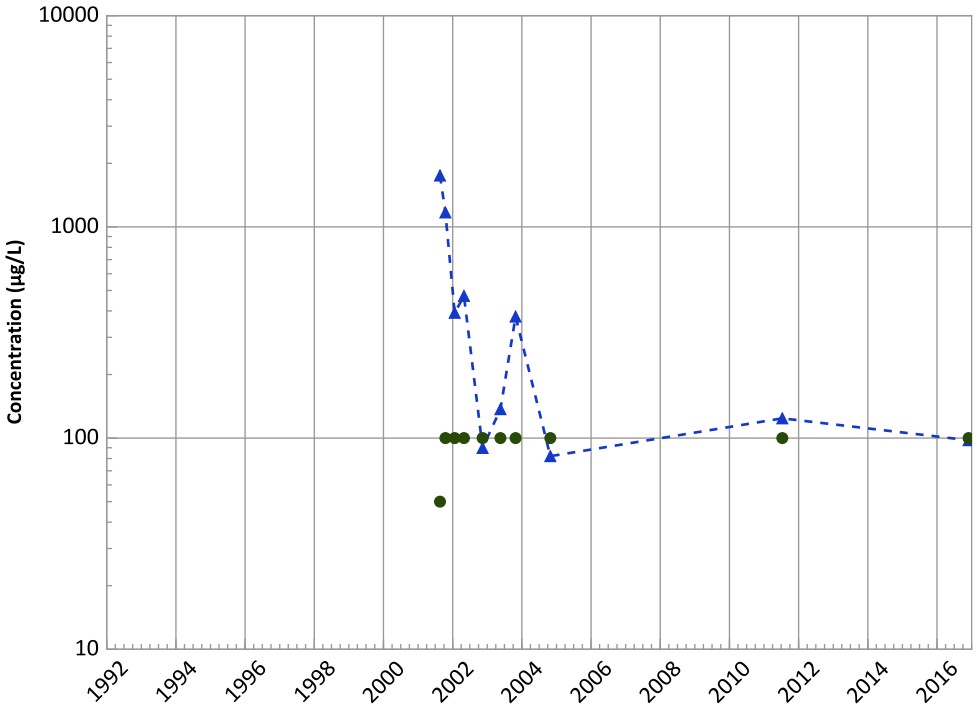
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

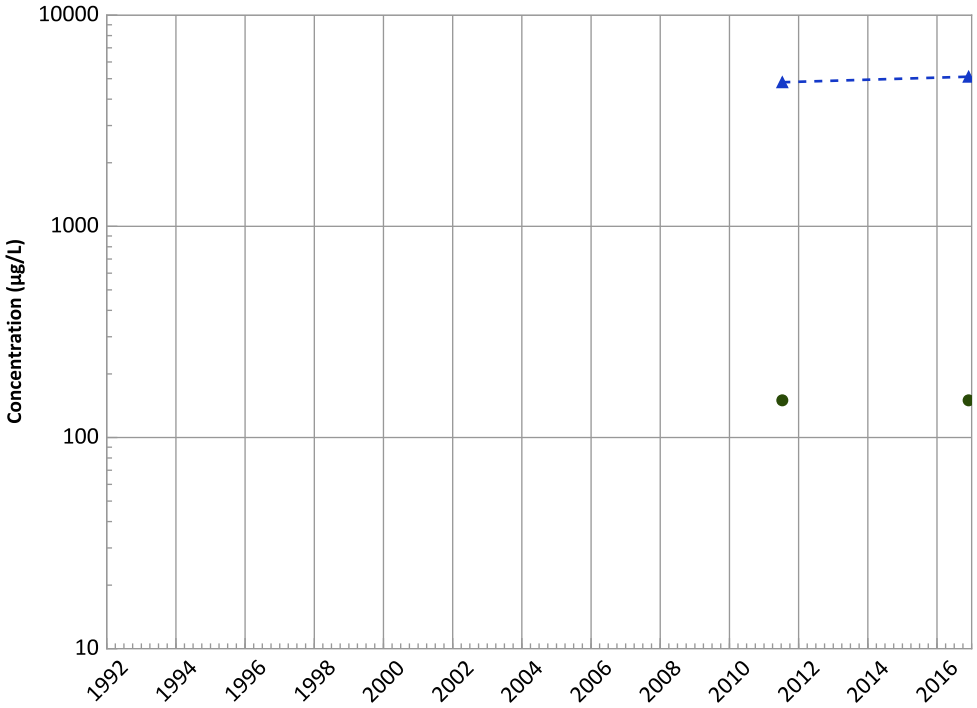


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

Potassium Trend



Concentration Trend

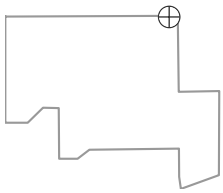
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/2001 to 11/30/2016
Analysis Date: 03/07/2017

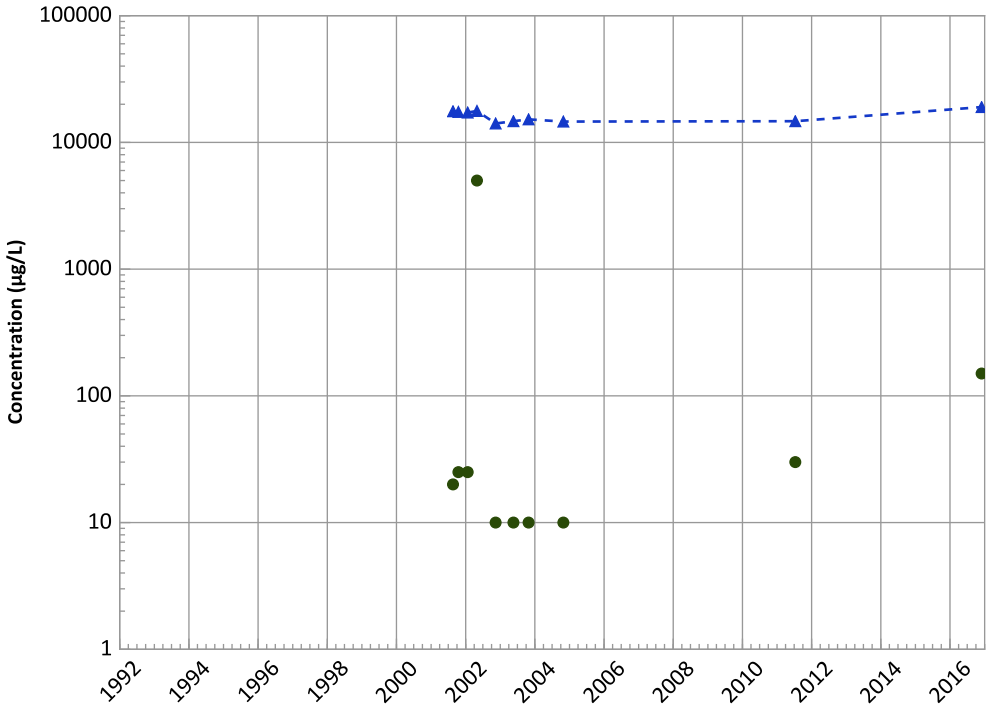
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

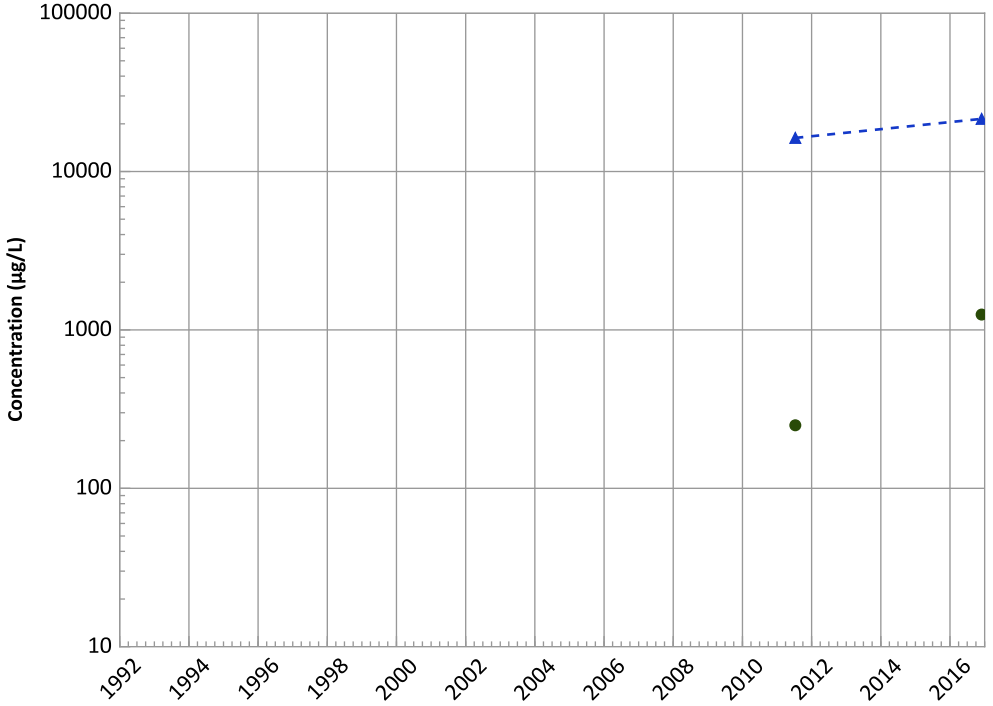


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Sodium Trend



Concentration Trend

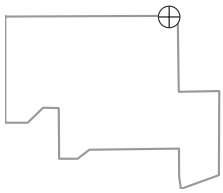
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

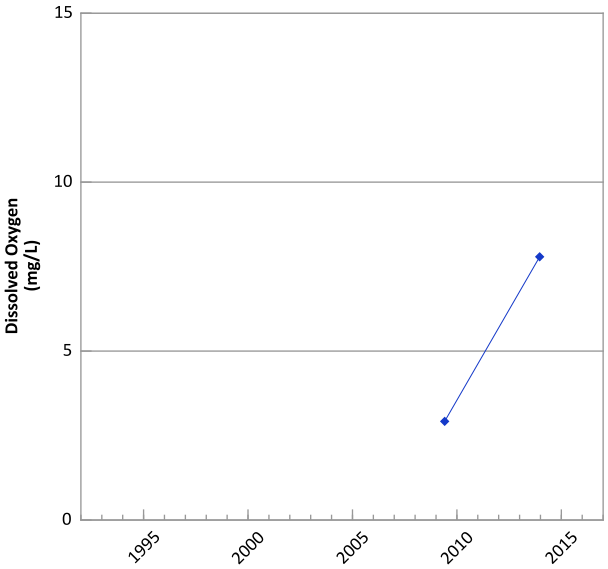
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/20/2001 to 11/30/2016
Analysis Date: 03/07/2017

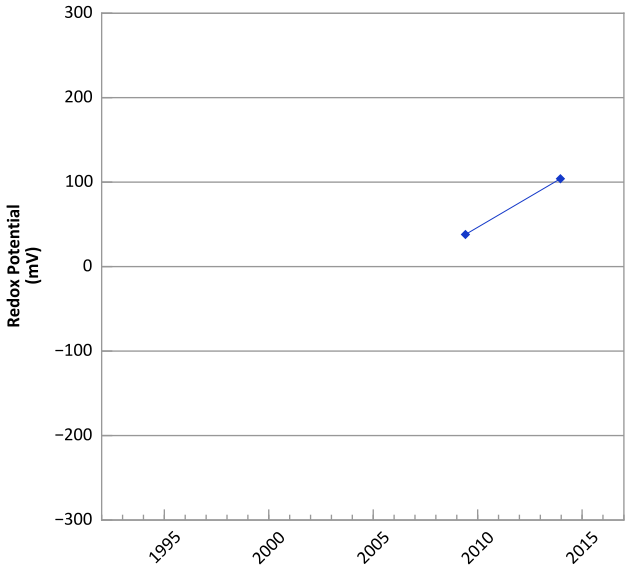
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

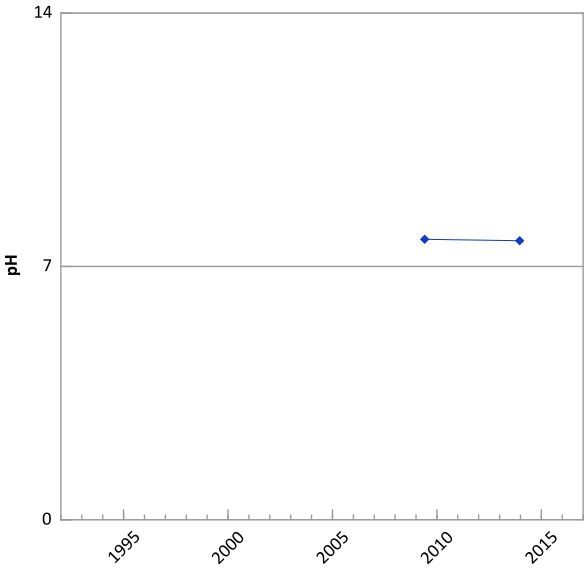
Well Location

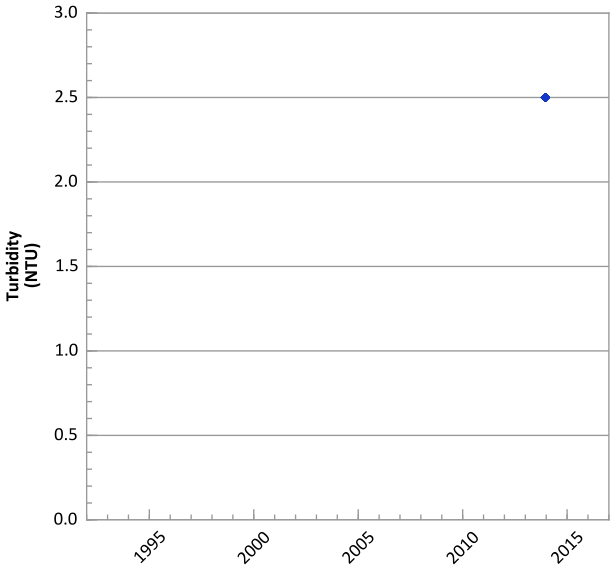


PTX06-1073A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



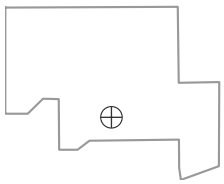






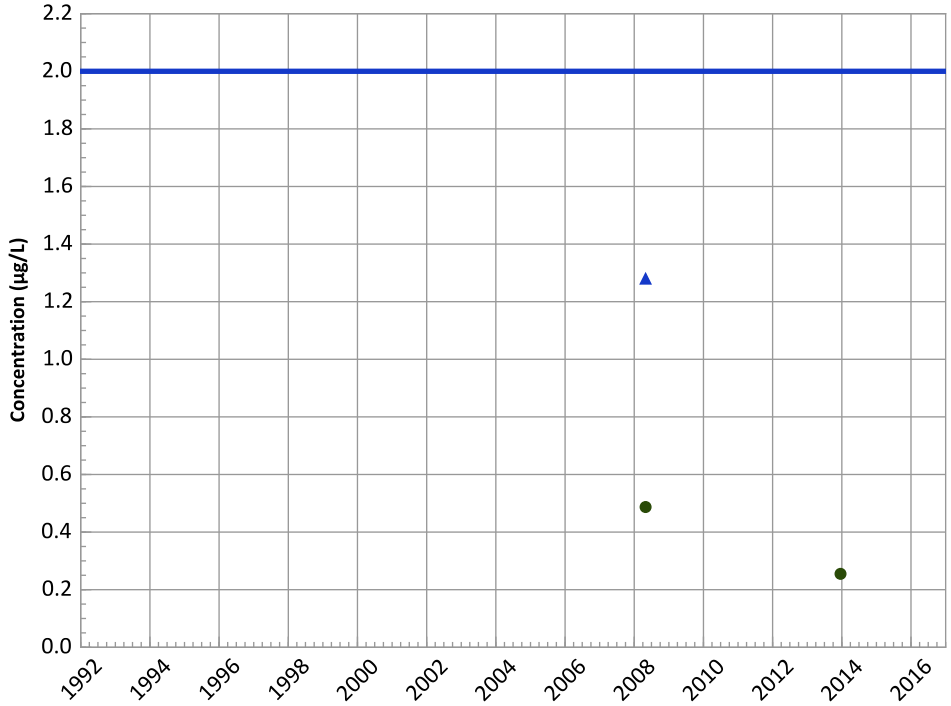
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/2008 to 12/18/2013
Analysis Date: 03/07/2017

Well Location



PTX06-1073A in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

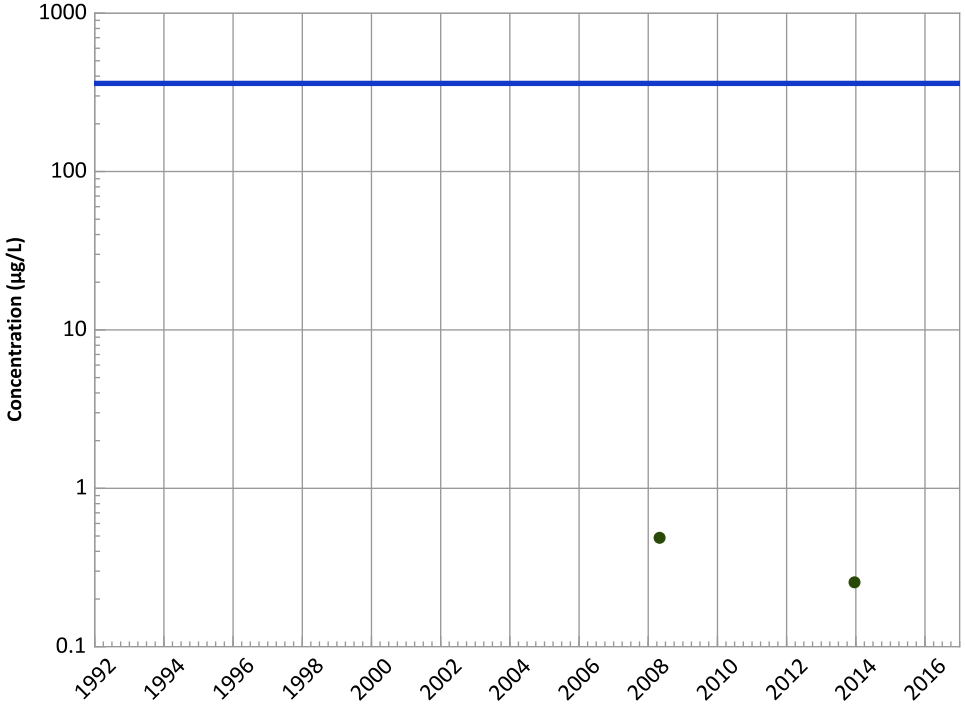


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

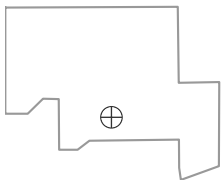
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/2008 to 12/18/2013
Analysis Date: 03/07/2017

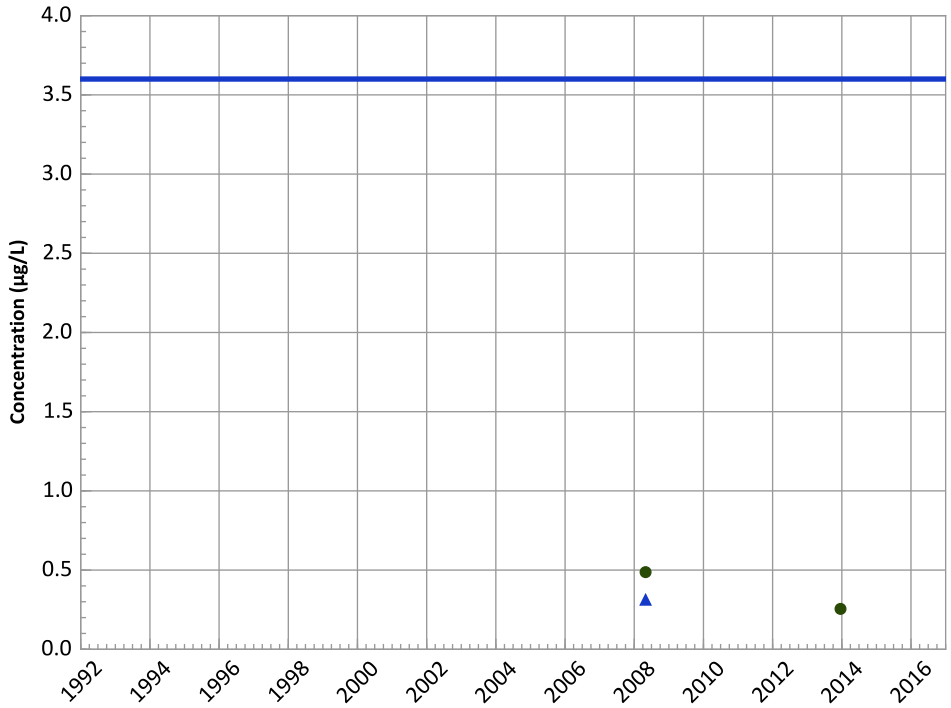
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1073A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

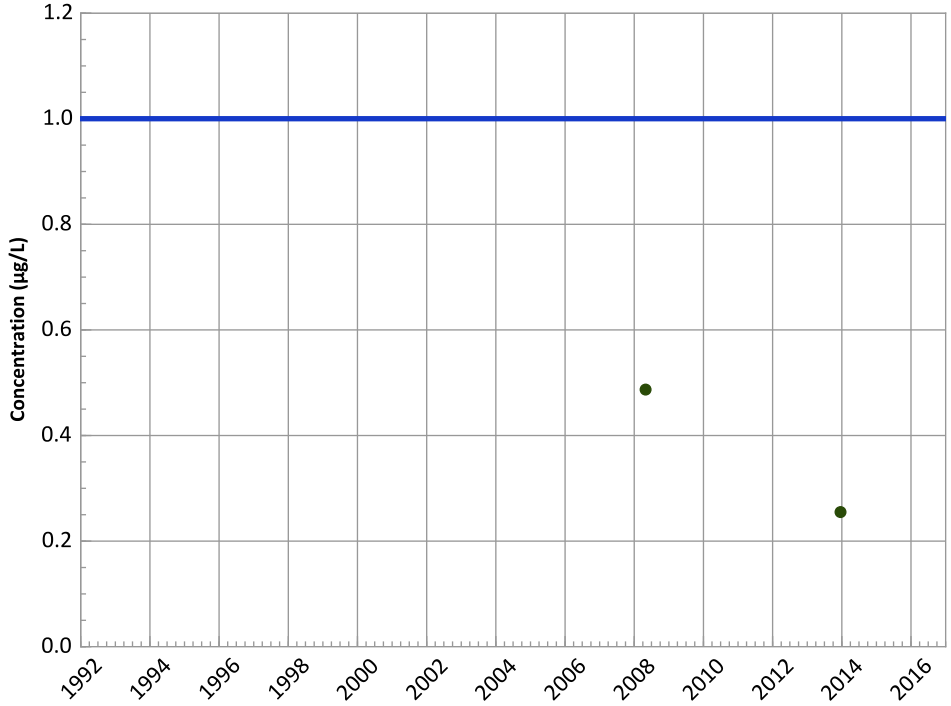


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

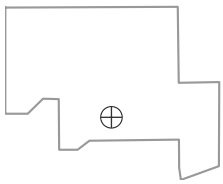
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/2008 to 12/18/2013
Analysis Date: 03/07/2017

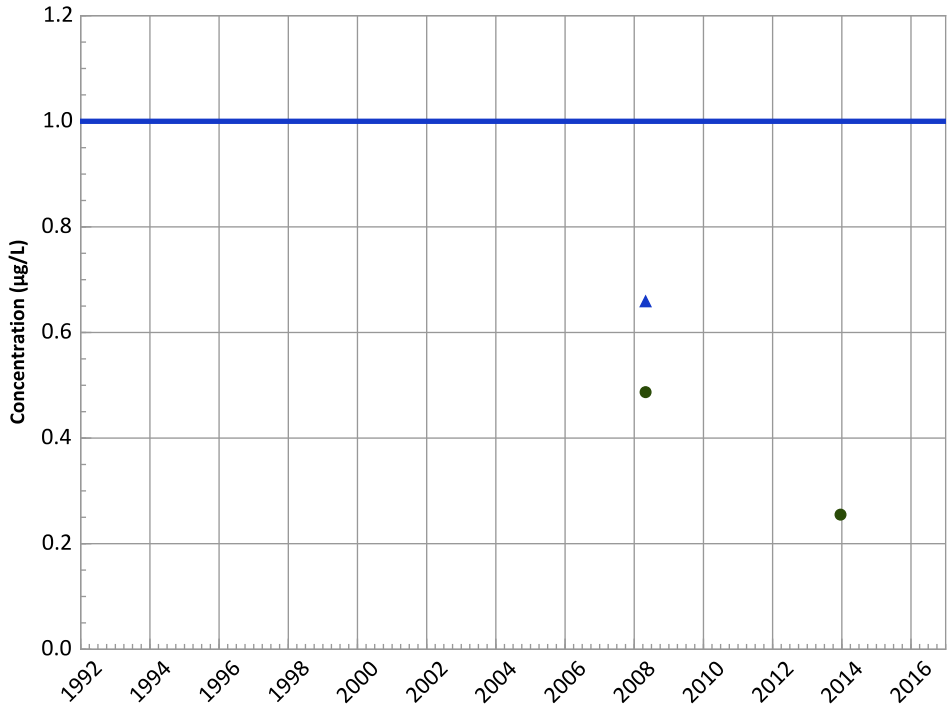
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1073A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

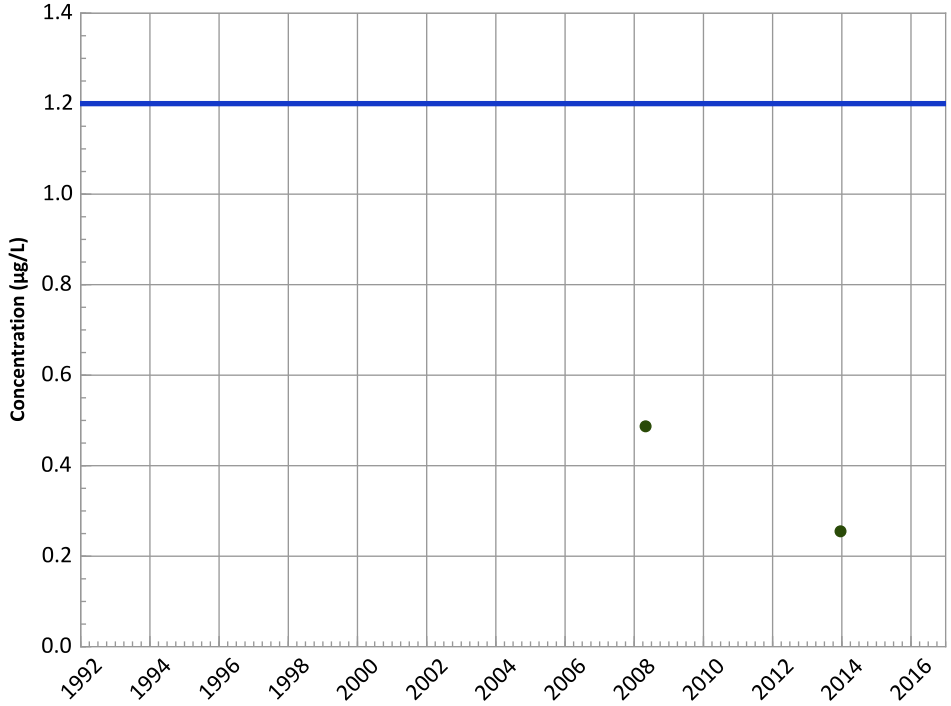


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

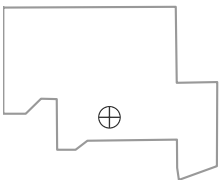
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/2008 to 12/18/2013
Analysis Date: 03/07/2017

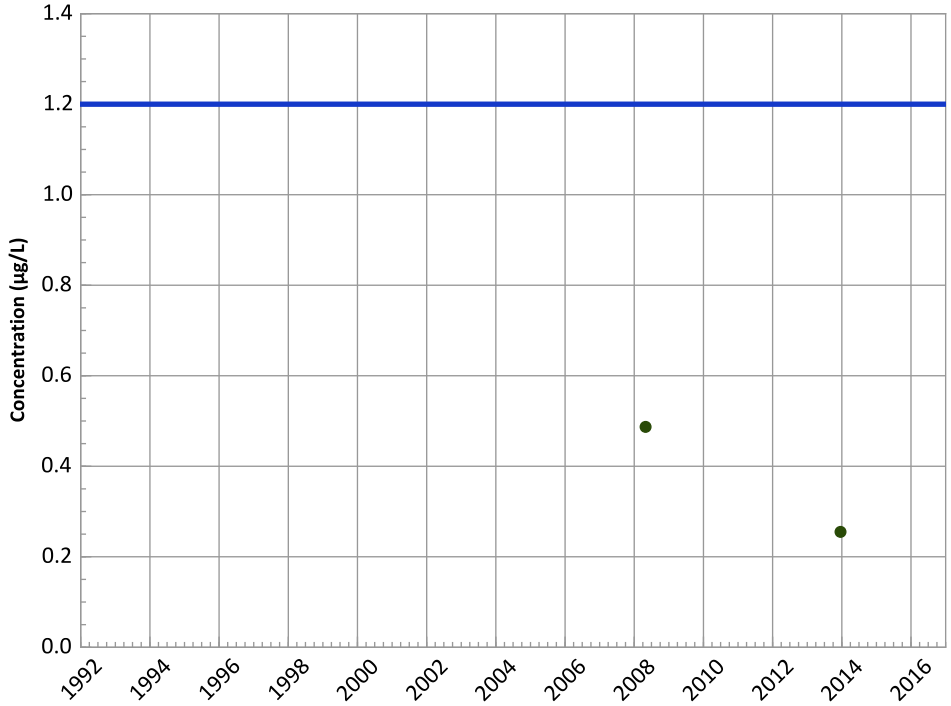
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1073A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

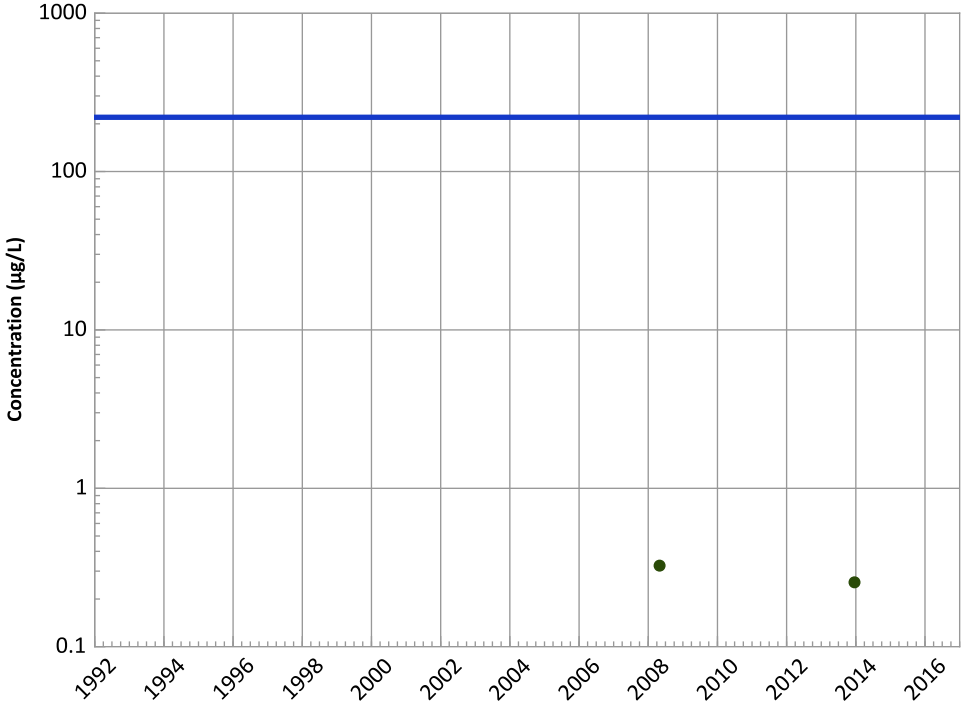


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

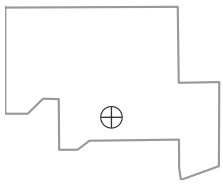
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/2008 to 12/18/2013
Analysis Date: 03/07/2017

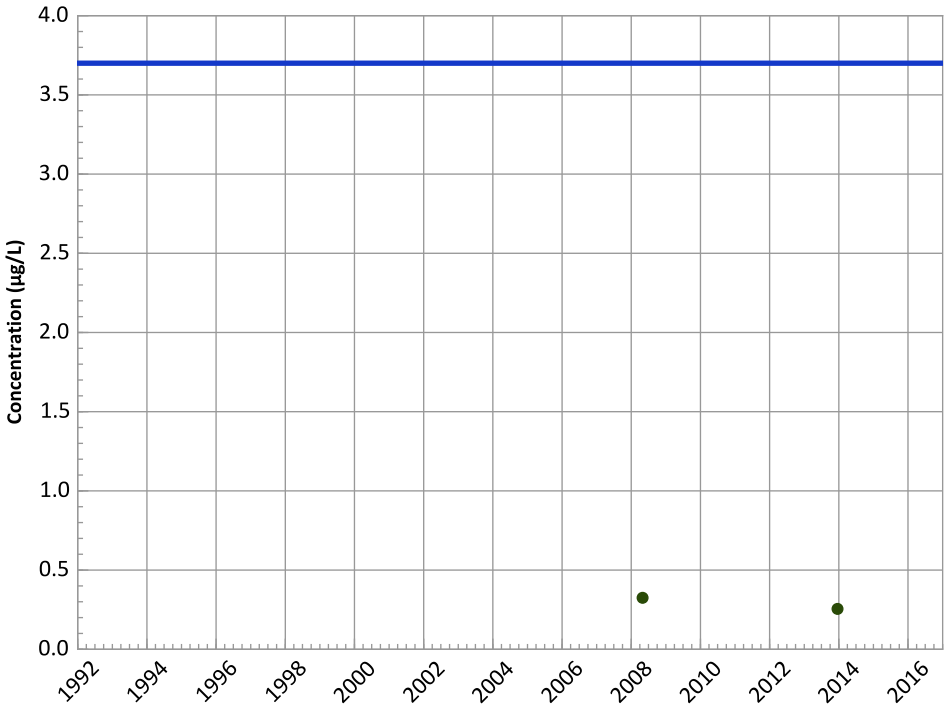
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1073A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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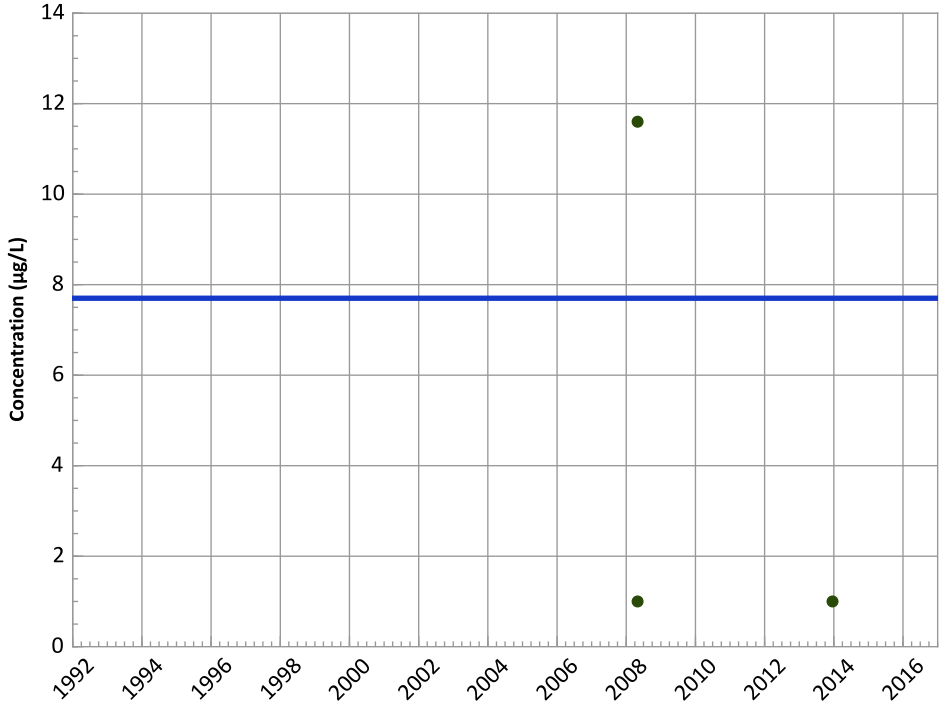
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

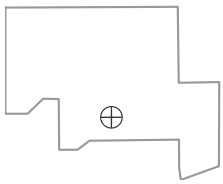
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/2008 to 12/18/2013
Analysis Date: 03/07/2017

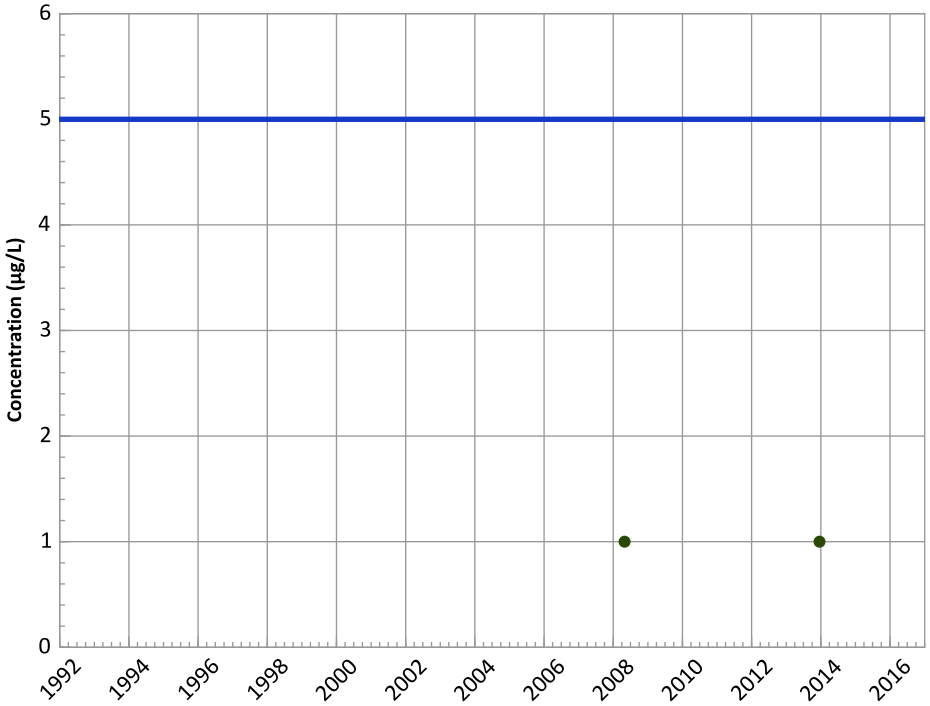
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1073A in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

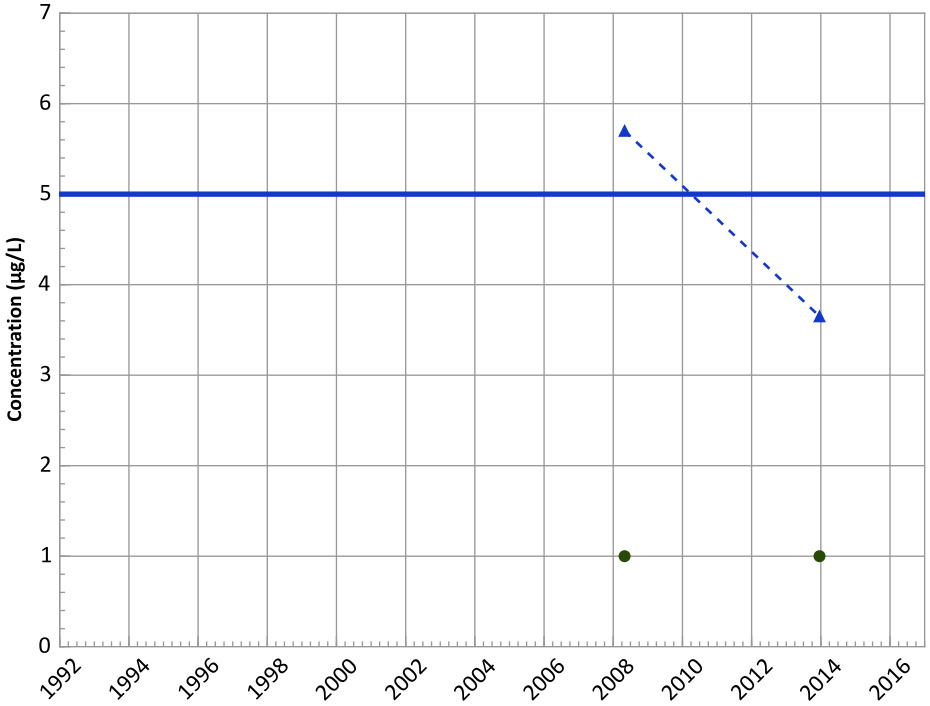


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
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All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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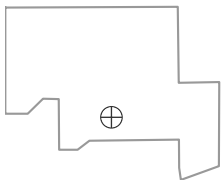
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/2008 to 12/18/2013
Analysis Date: 03/07/2017

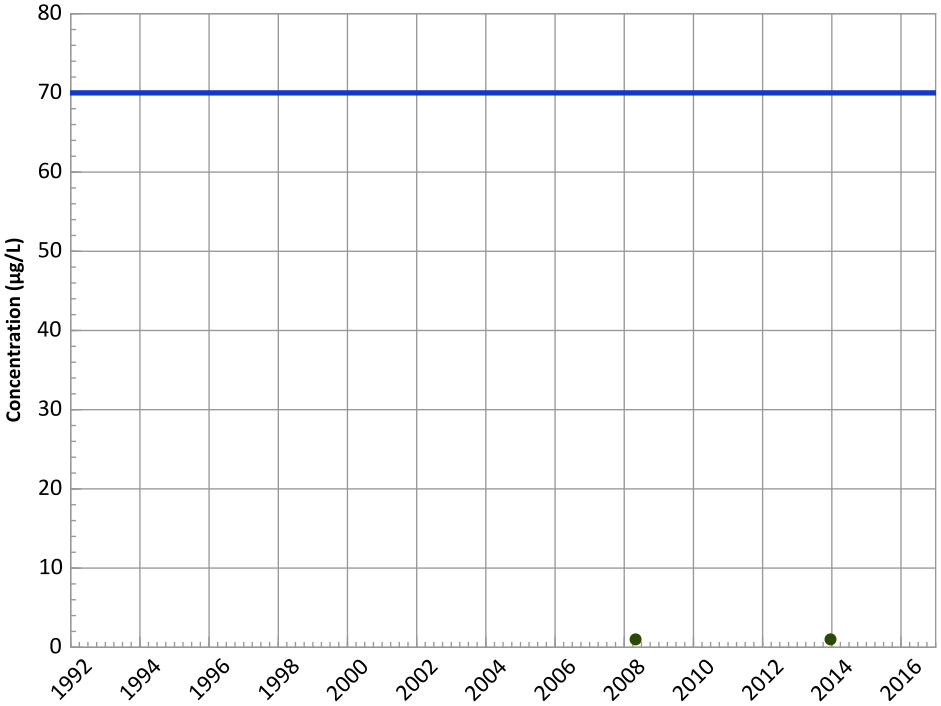
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1073A in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
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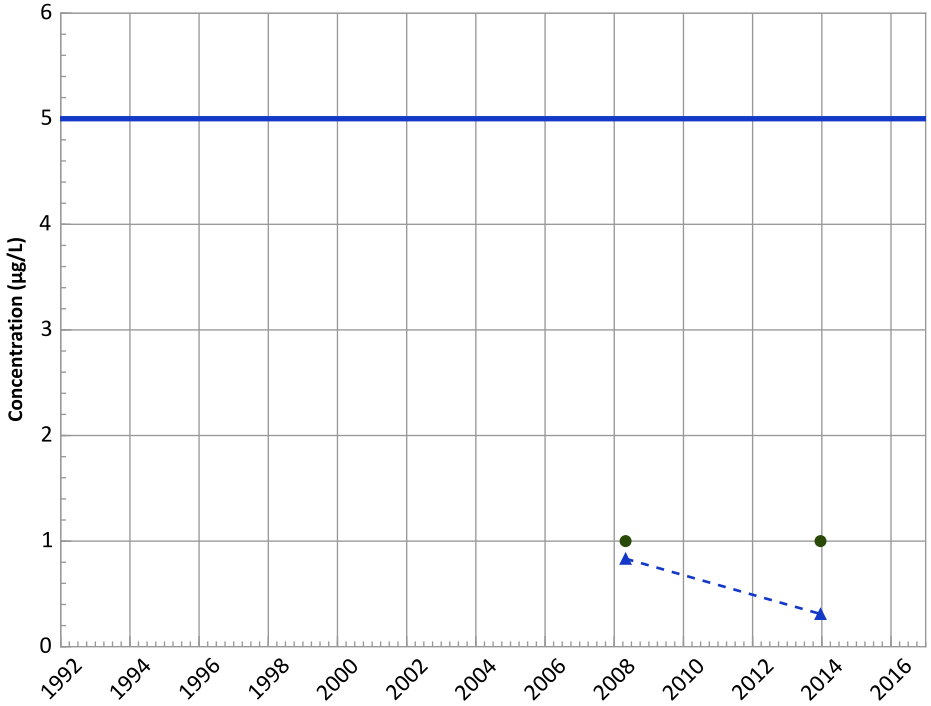
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
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All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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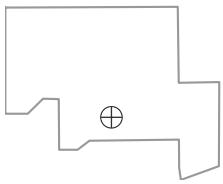
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/2008 to 12/18/2013
Analysis Date: 03/07/2017

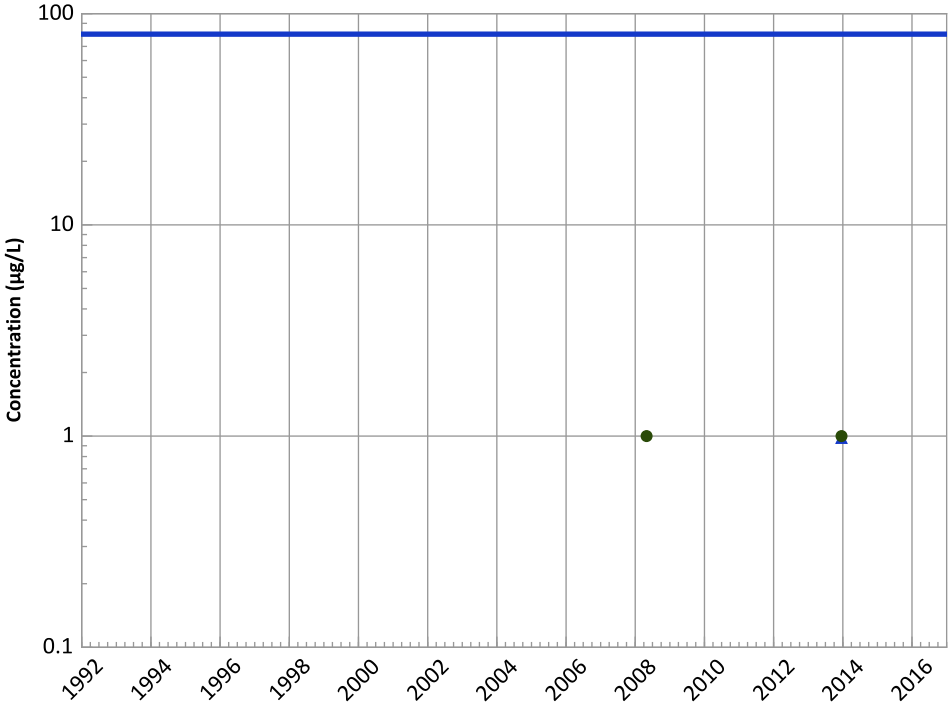
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1073A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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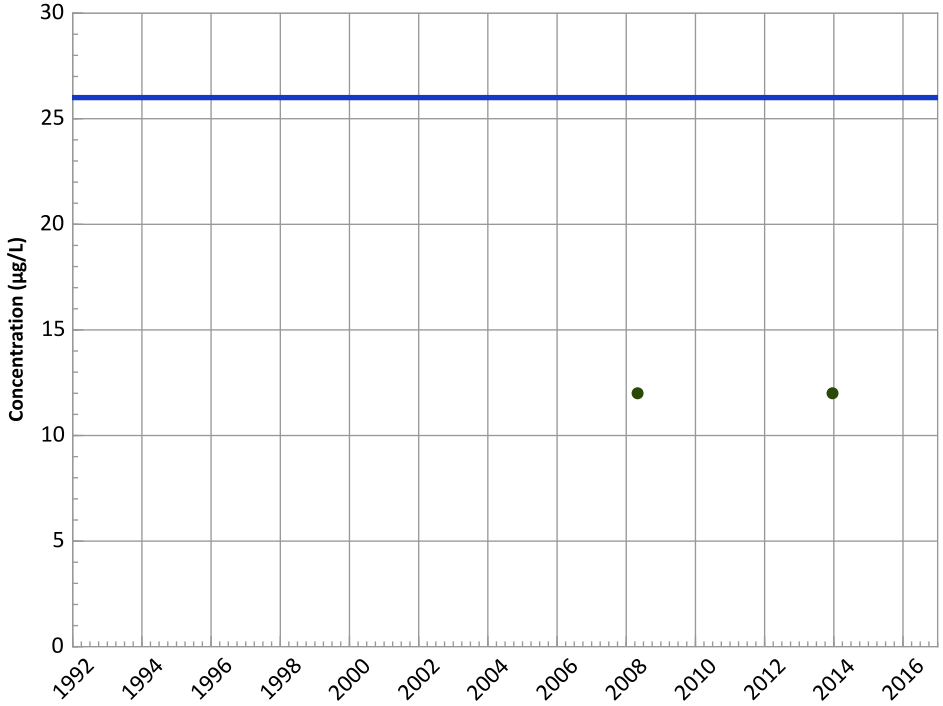
All Data
N/A (<4 Detections in Dataset)

Perchlorate Trend



Concentration Trend

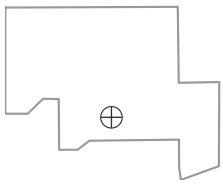
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/2008 to 12/18/2013
Analysis Date: 03/07/2017

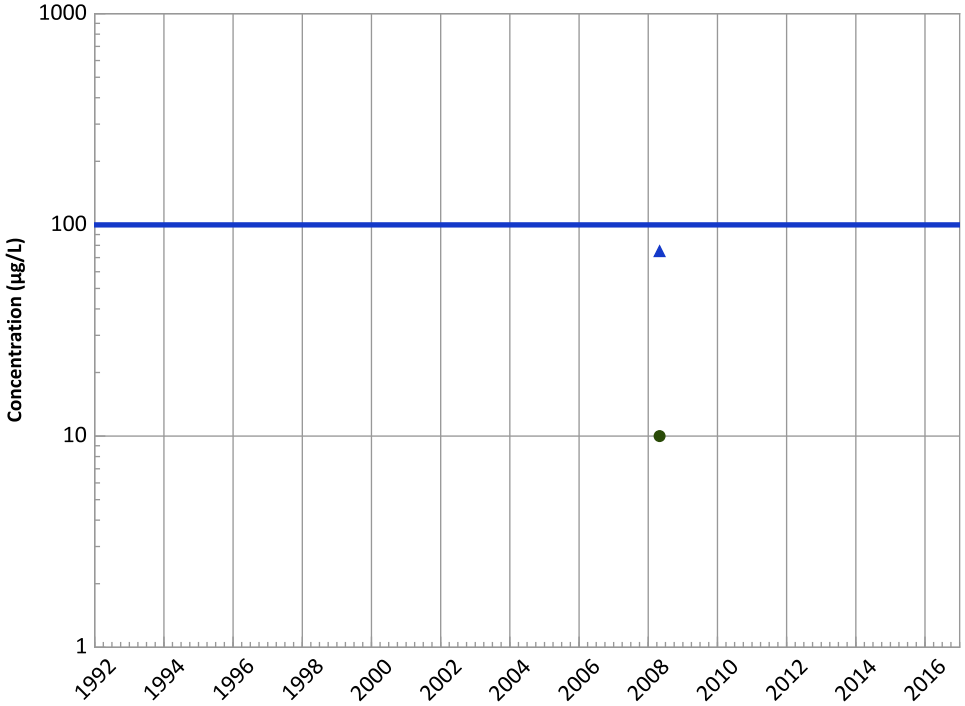
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1073A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

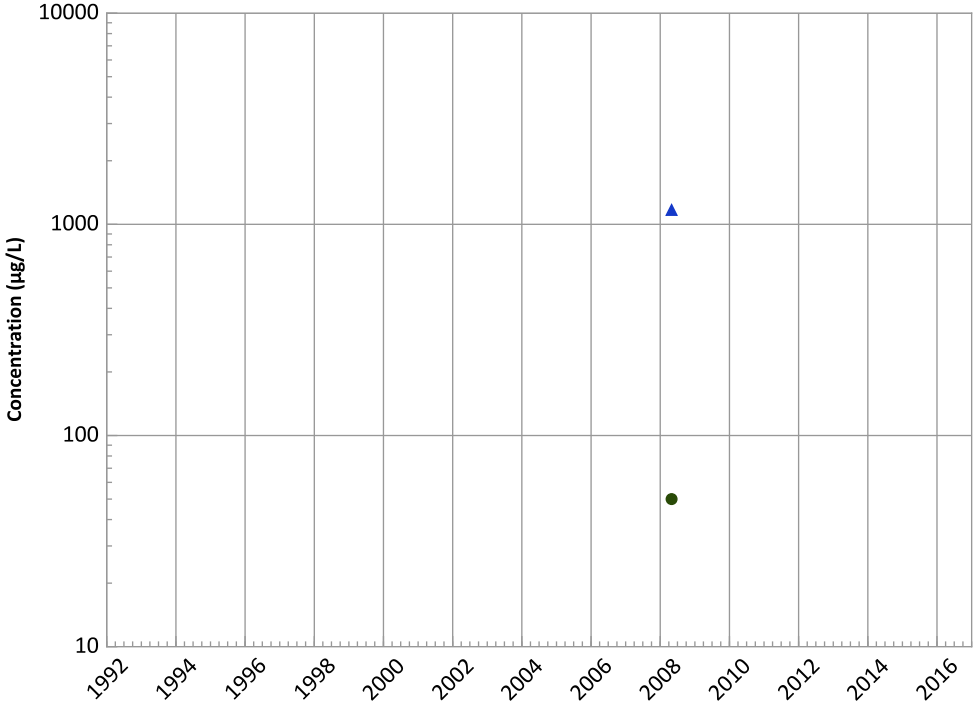


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

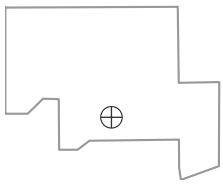
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/2008 to 12/18/2013
Analysis Date: 03/07/2017

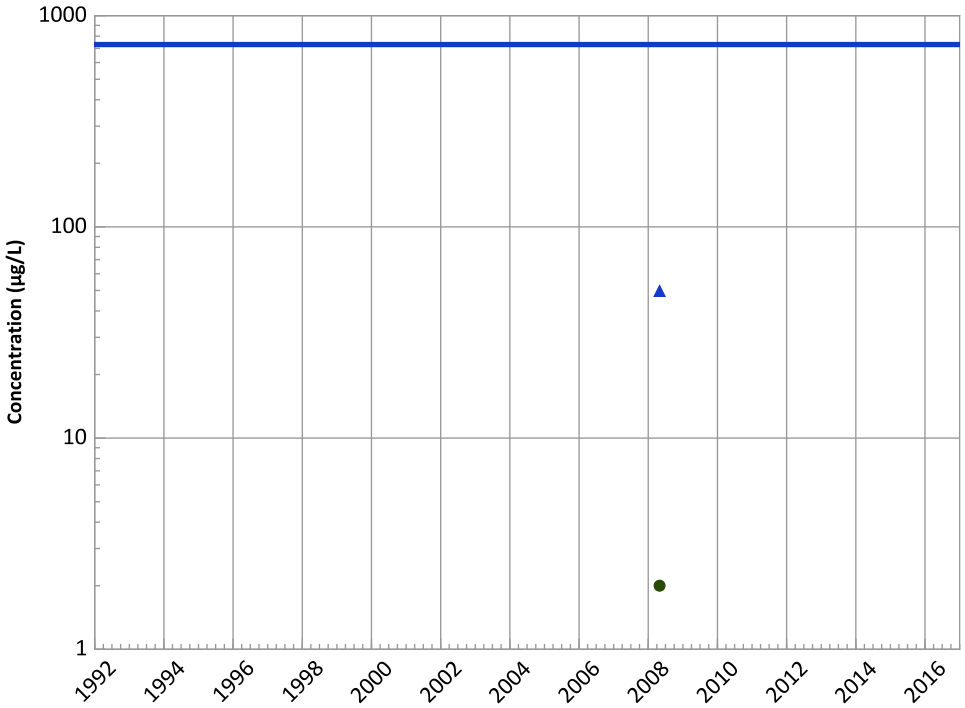
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1073A in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

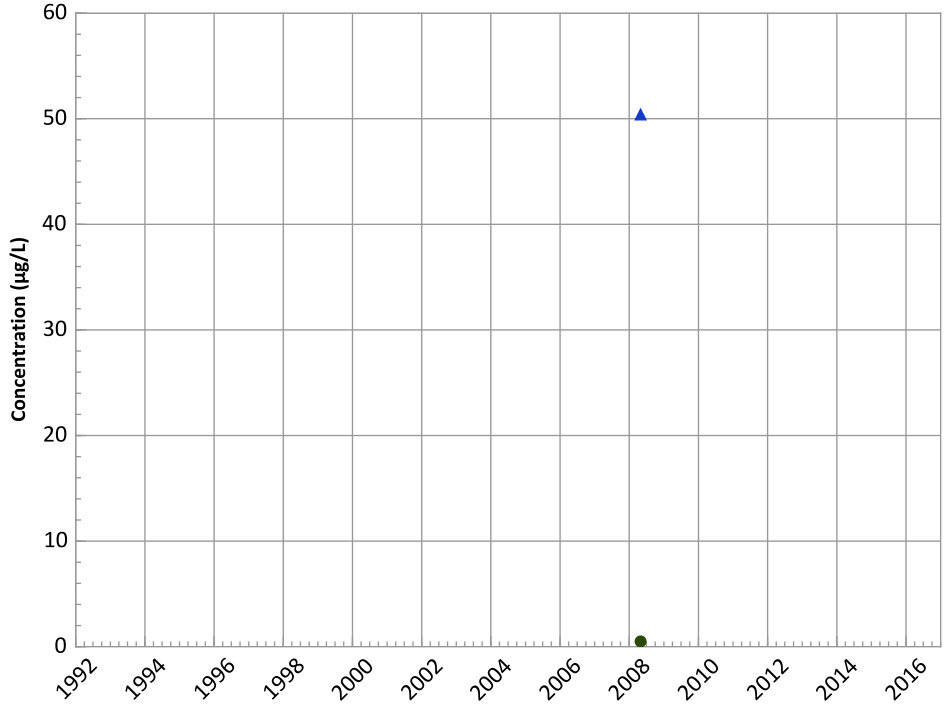


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Molybdenum Trend



Concentration Trend

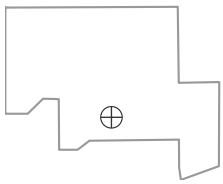
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/2008 to 12/18/2013
Analysis Date: 03/07/2017

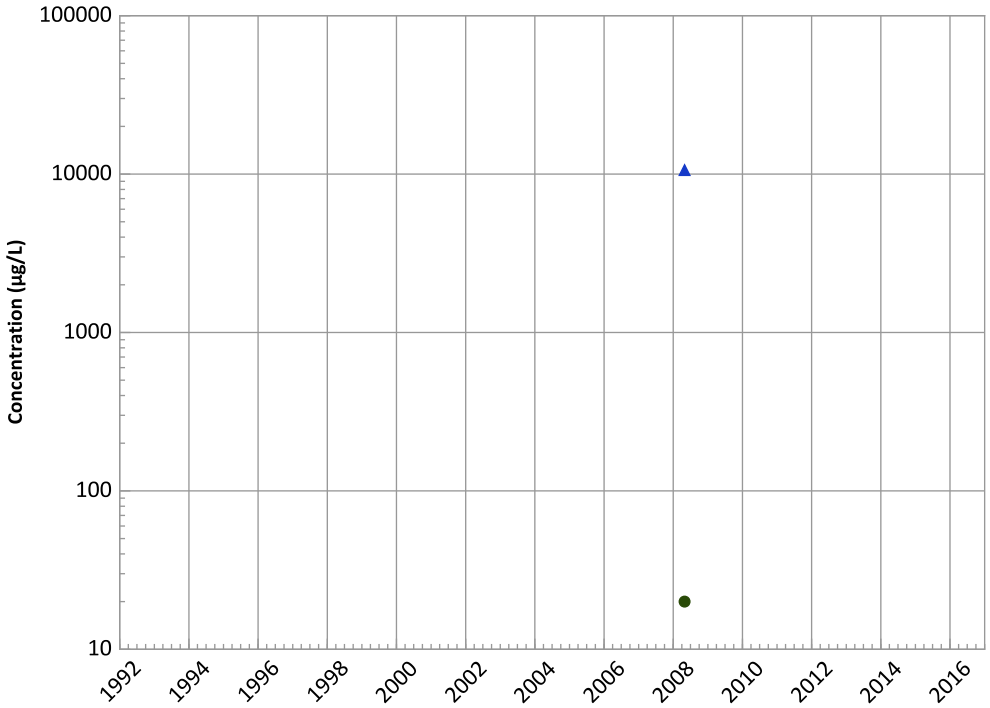
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1073A in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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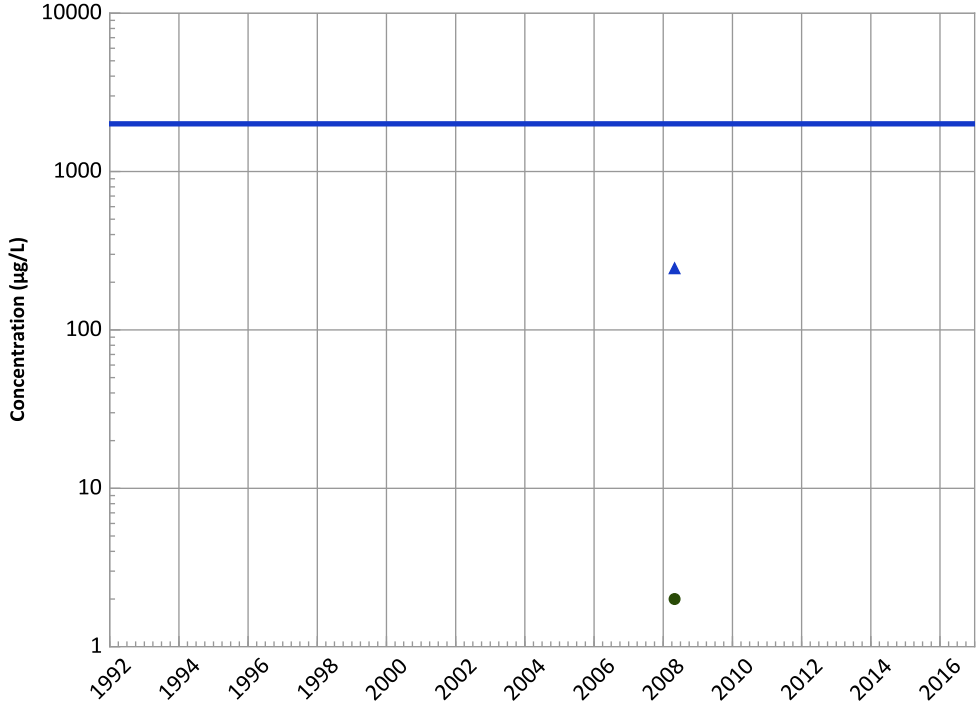
All Data
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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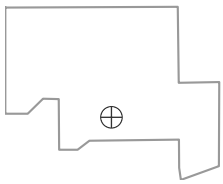
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/2008 to 12/18/2013
Analysis Date: 03/07/2017

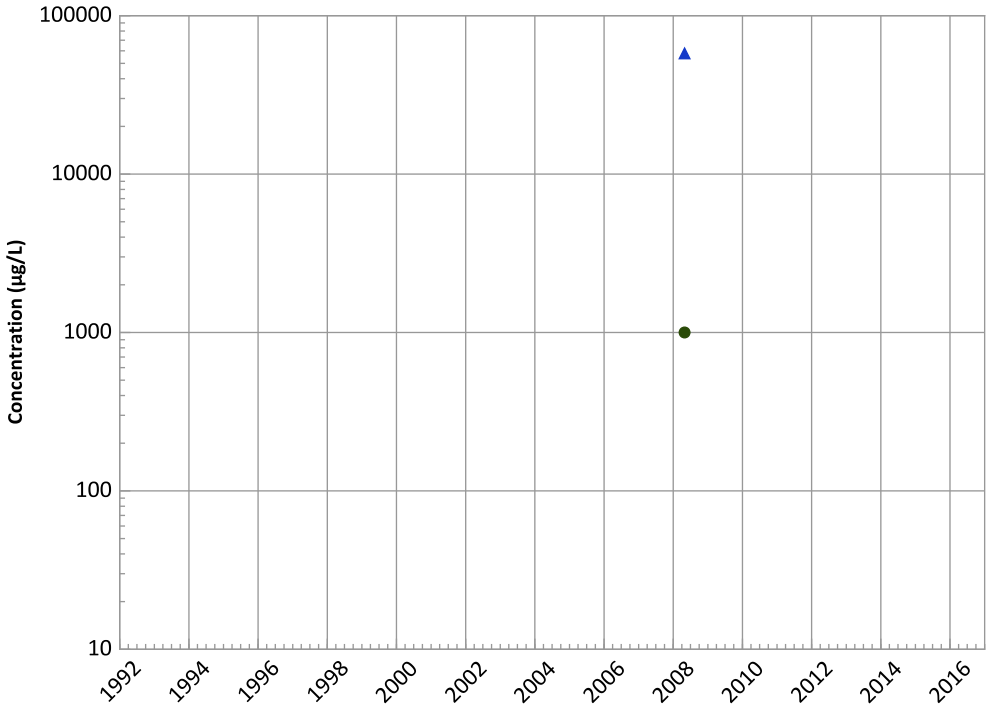
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1073A in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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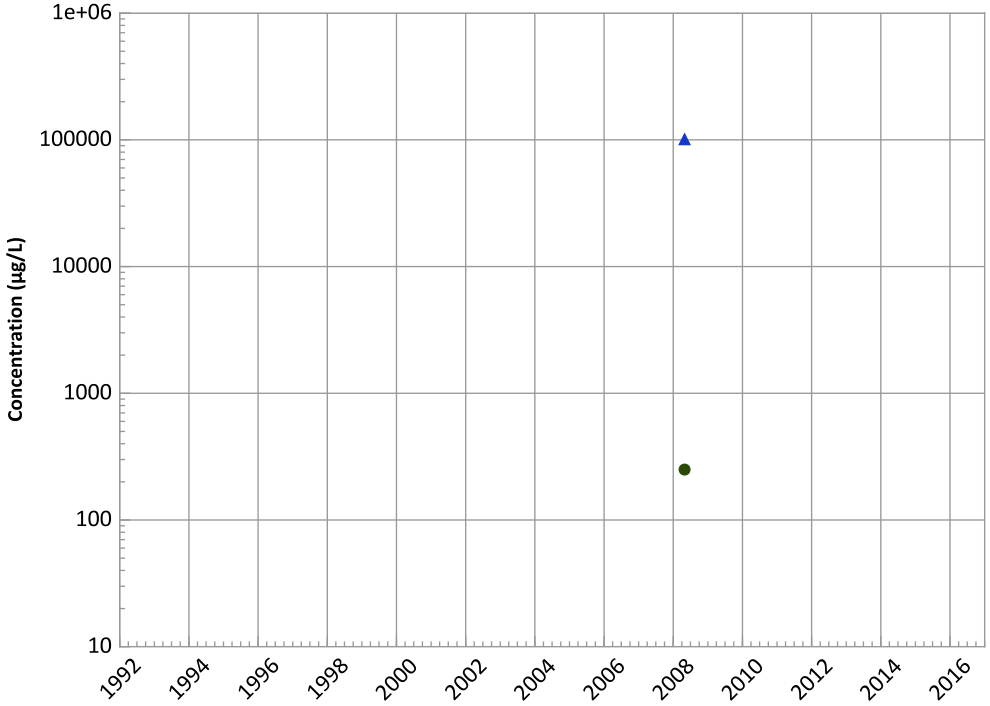
All Data
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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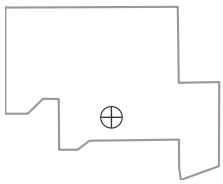
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/2008 to 12/18/2013
Analysis Date: 03/07/2017

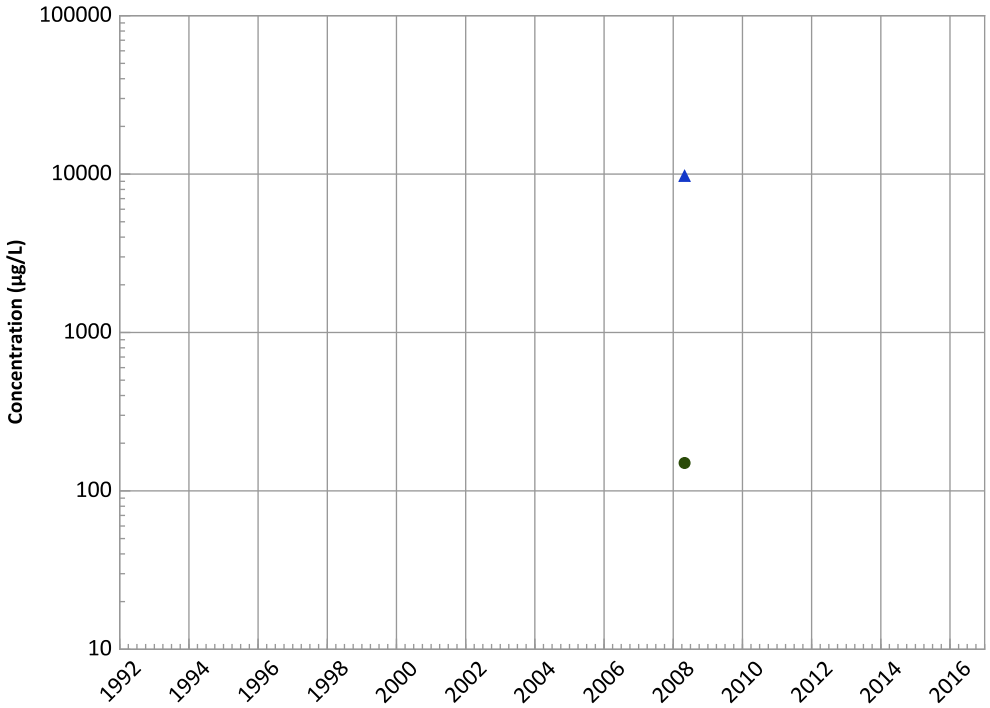
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1073A in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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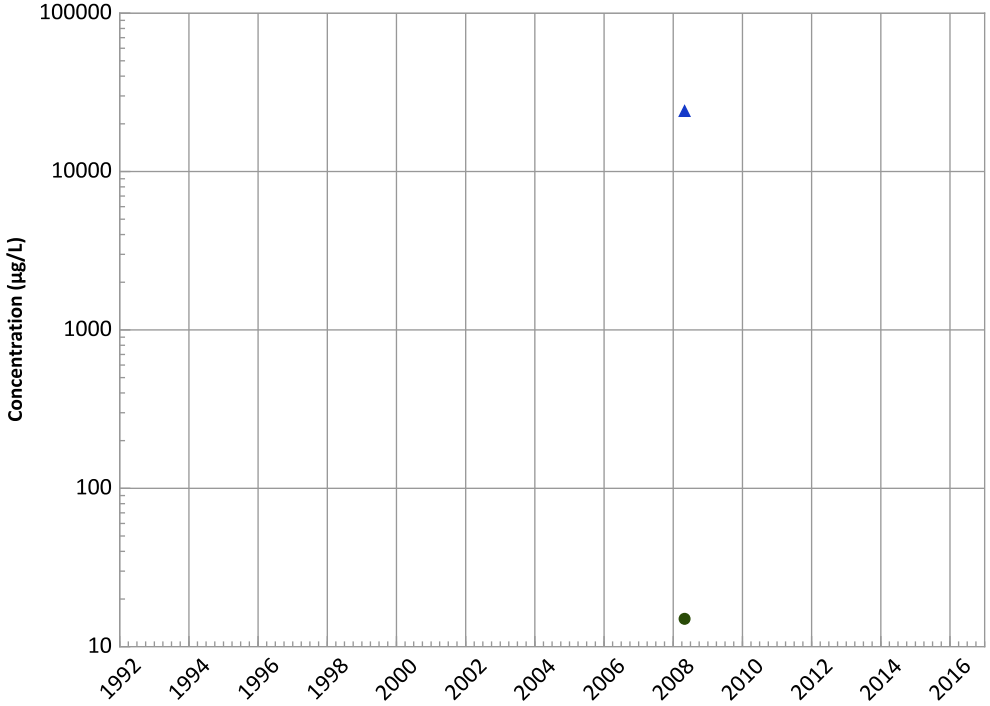
All Data
N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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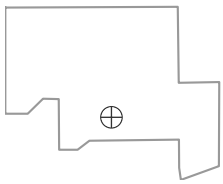
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/2008 to 12/18/2013
Analysis Date: 03/07/2017

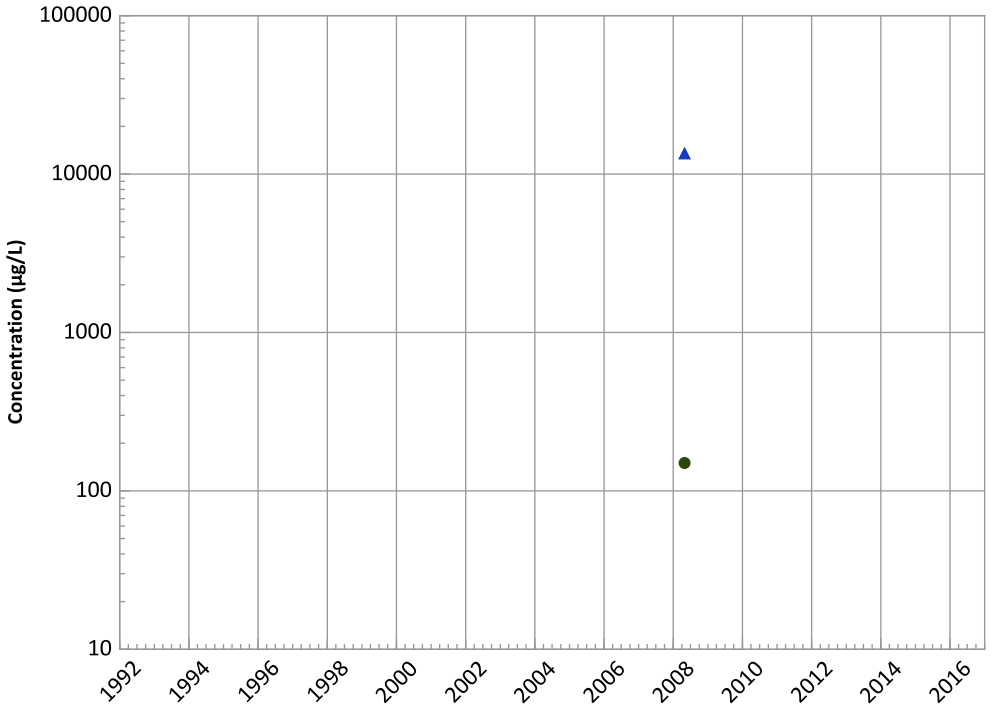
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1073A in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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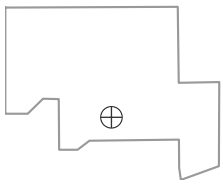
All Data
N/A (<4 Detections in Dataset)

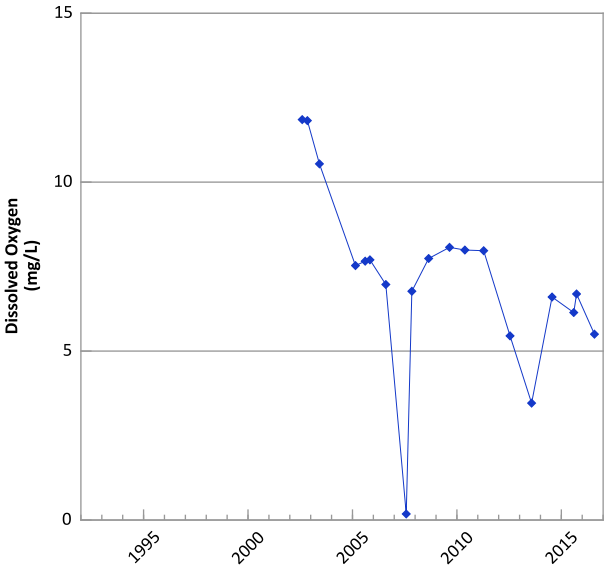
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/30/2008 to 12/18/2013
Analysis Date: 03/07/2017

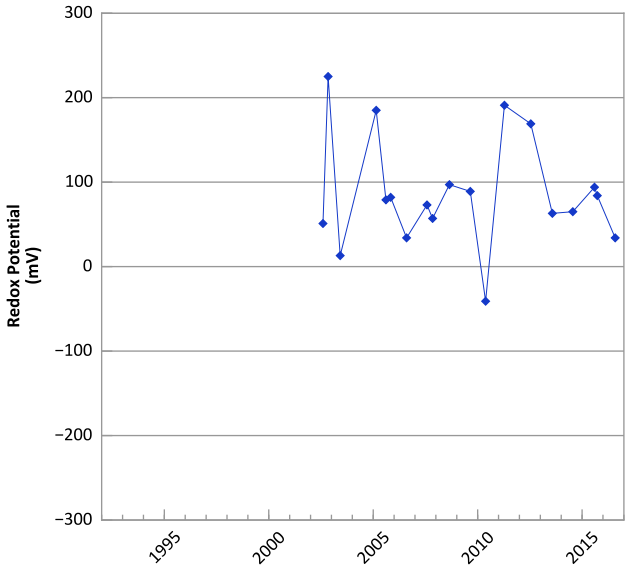
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

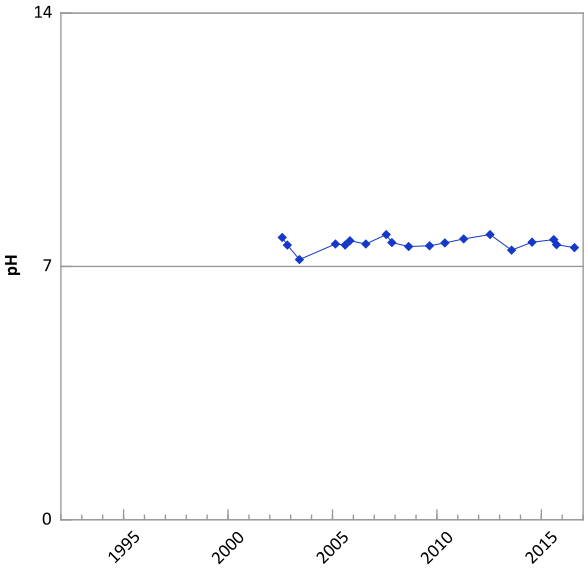
Well Location

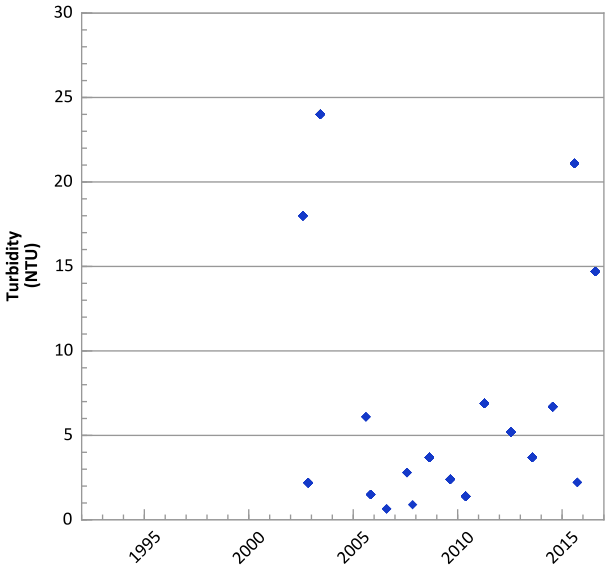


PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



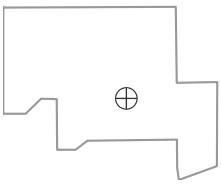






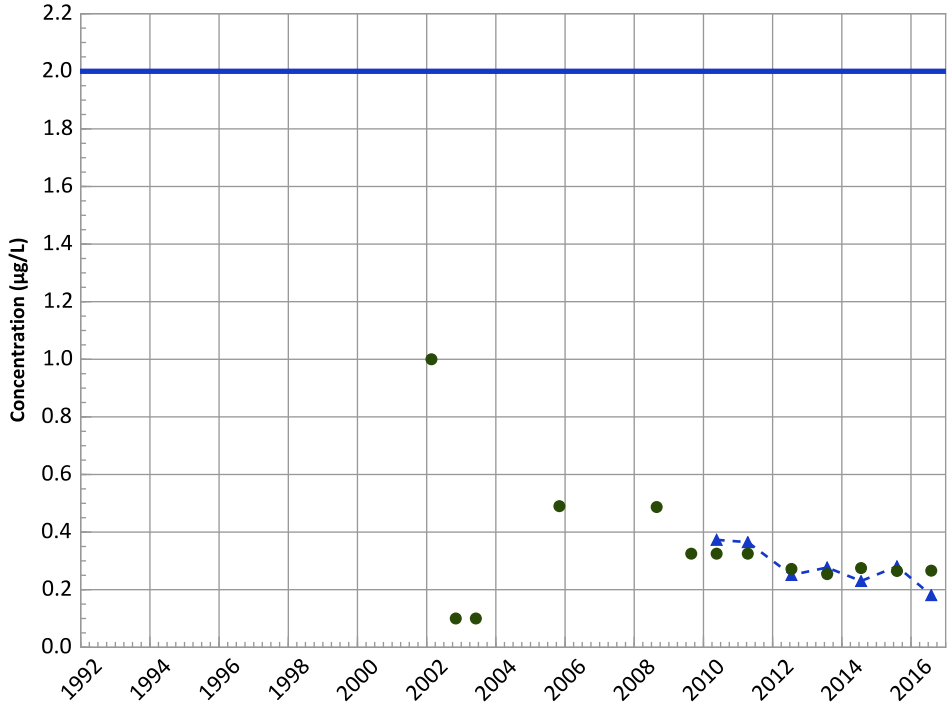
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/20/2002 to 08/02/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

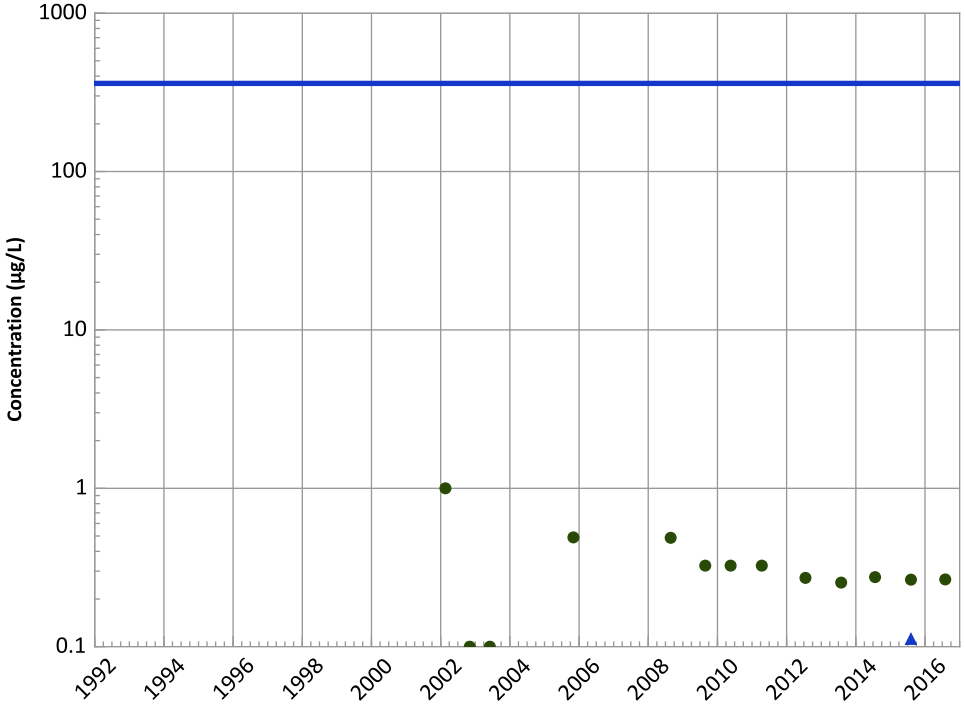


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

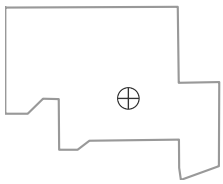
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/20/2002 to 08/02/2016
Analysis Date: 03/07/2017

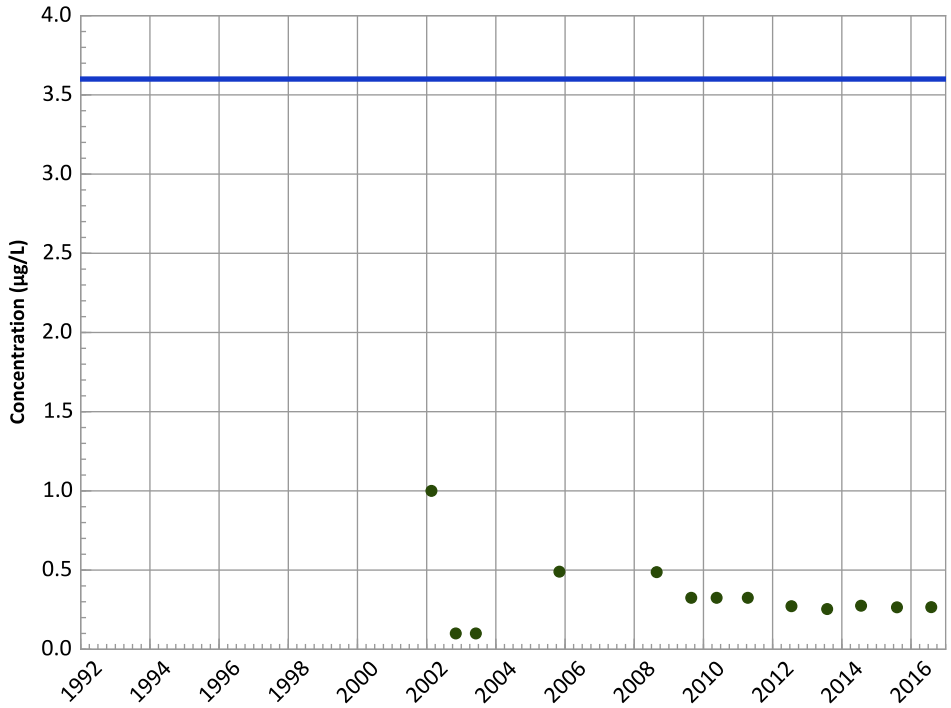
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

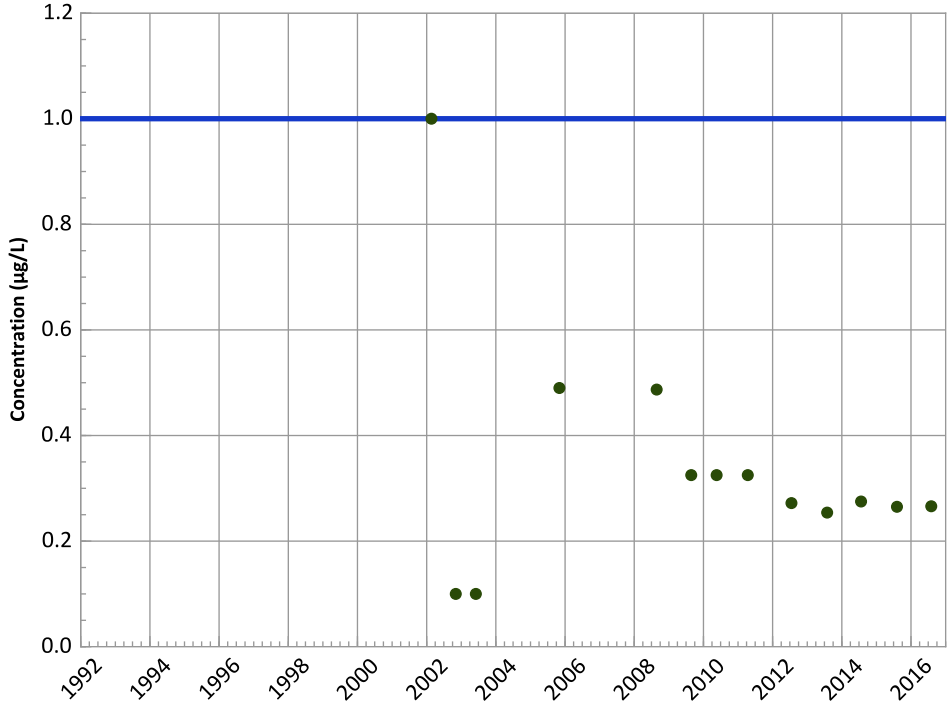


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

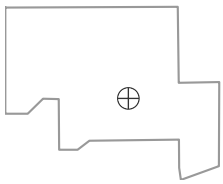
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/20/2002 to 08/02/2016
Analysis Date: 03/07/2017

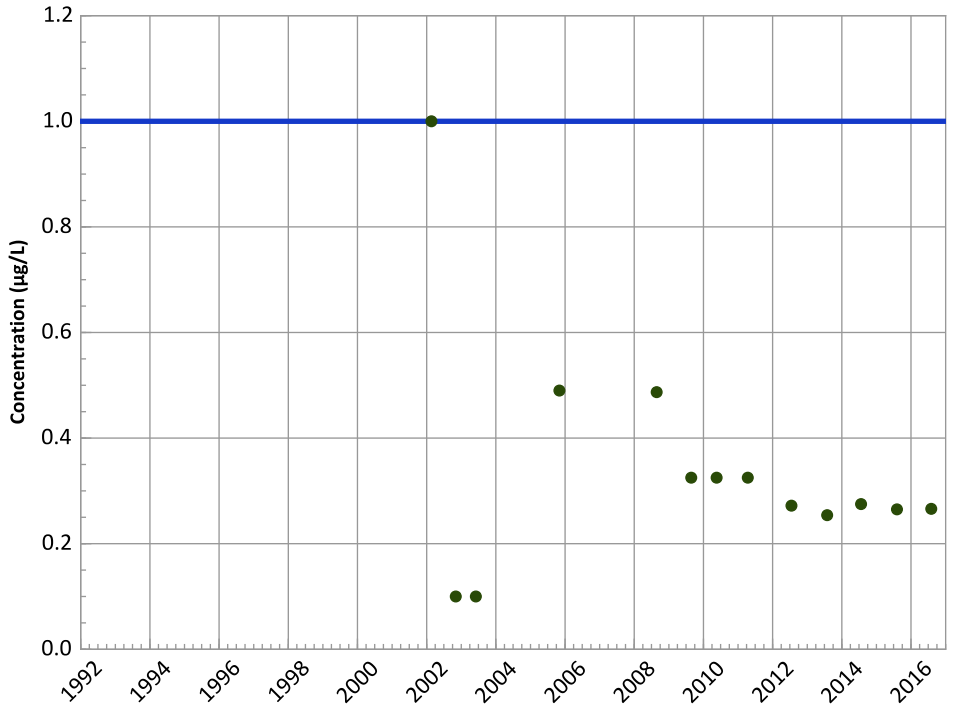
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

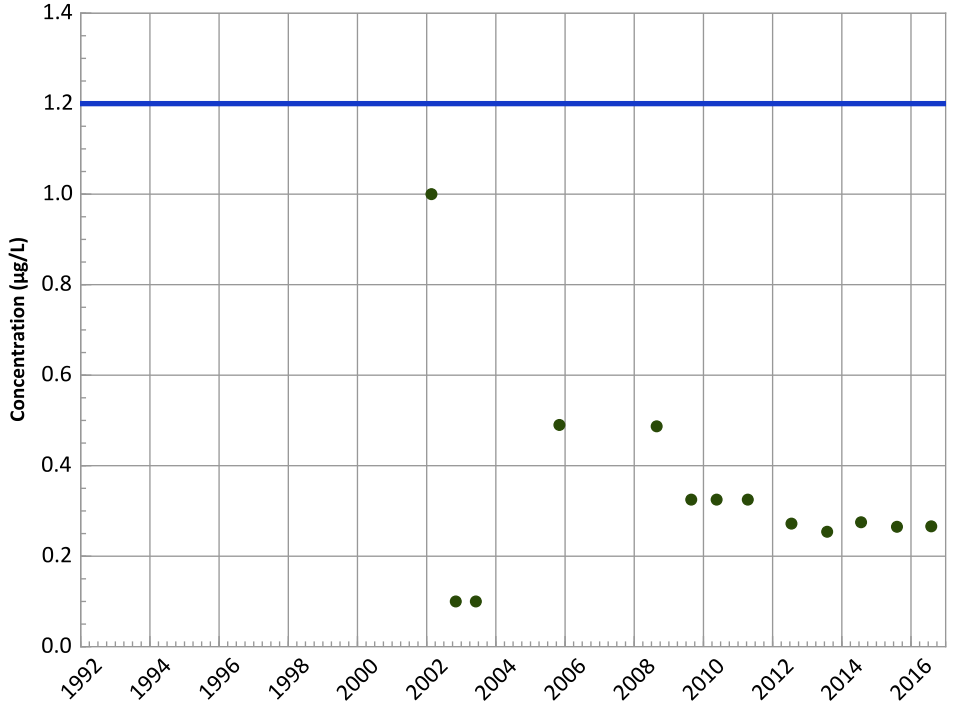


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

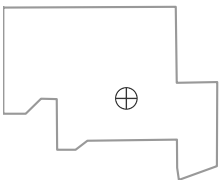
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/20/2002 to 08/02/2016
Analysis Date: 03/07/2017

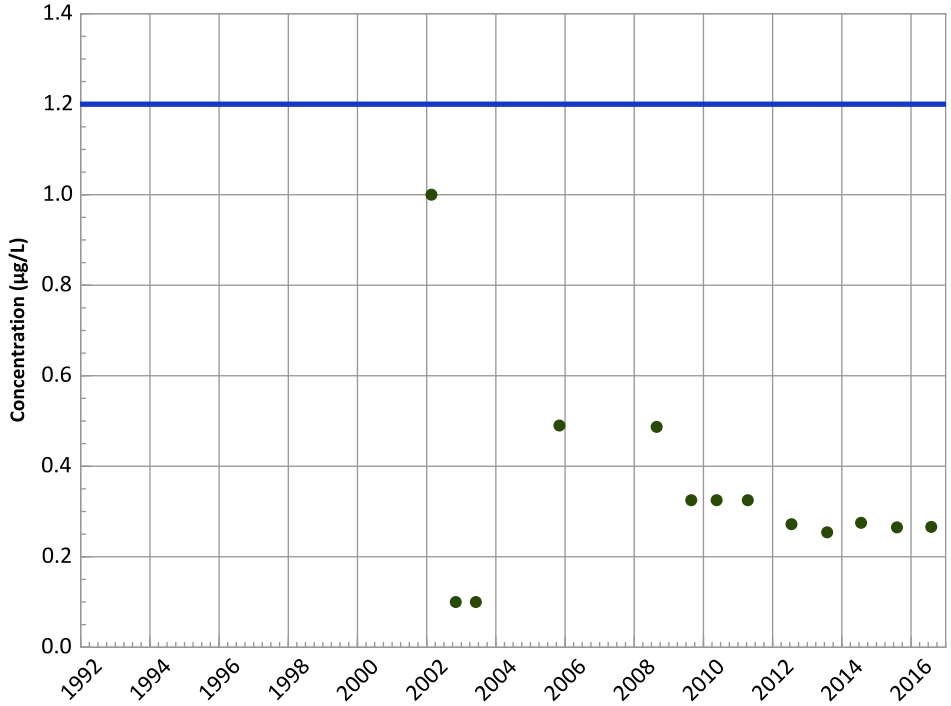
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

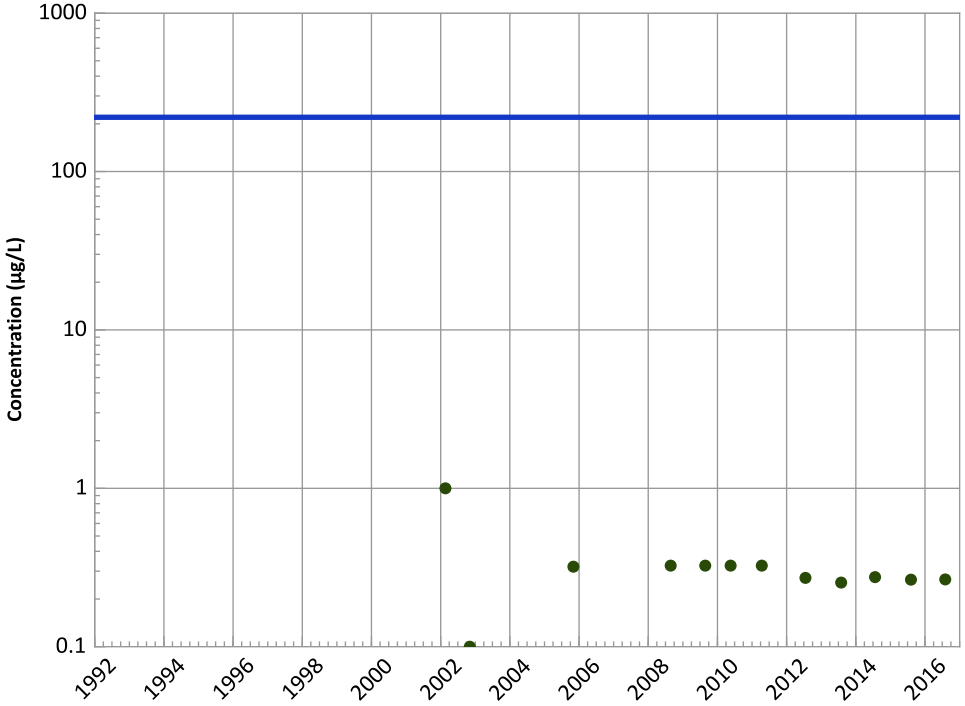


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

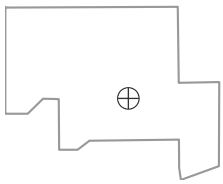
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/20/2002 to 08/02/2016
Analysis Date: 03/07/2017

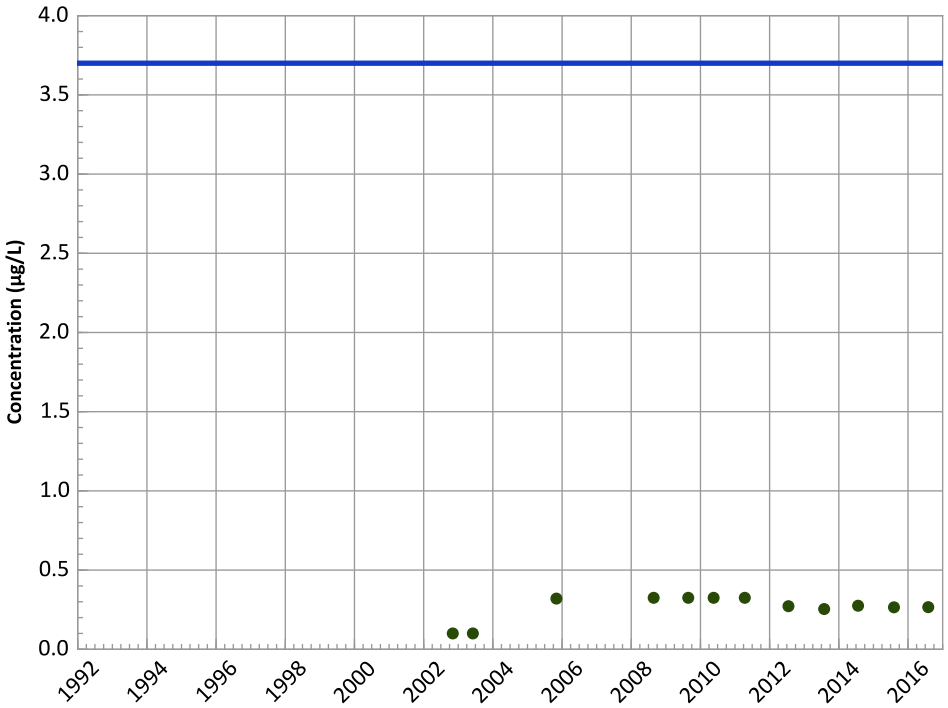
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

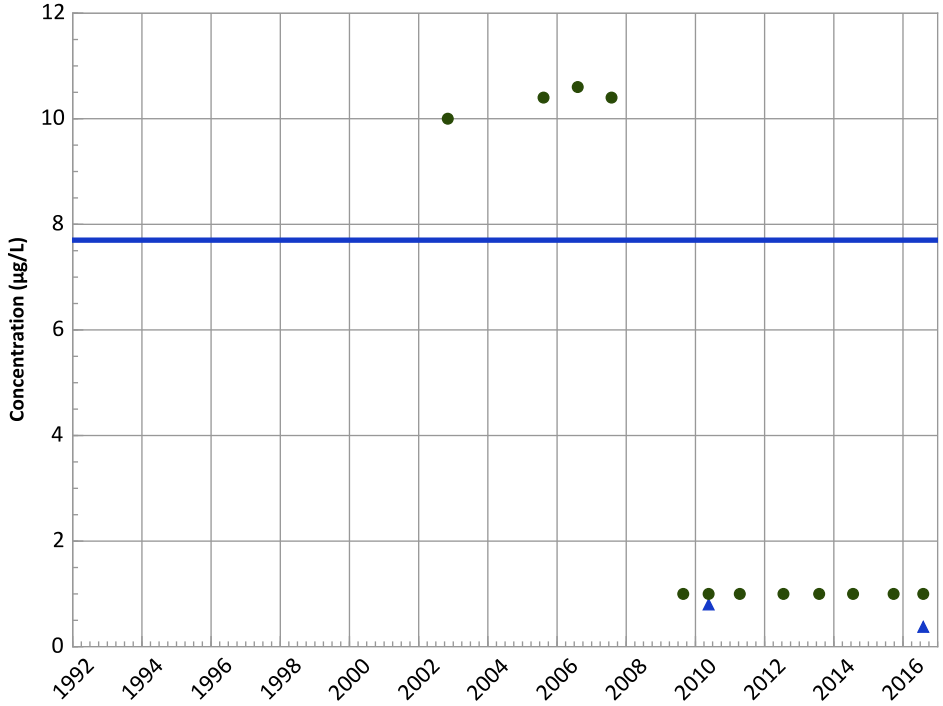


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

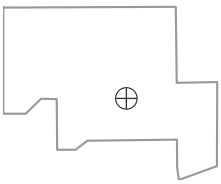
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/20/2002 to 08/02/2016
Analysis Date: 03/07/2017

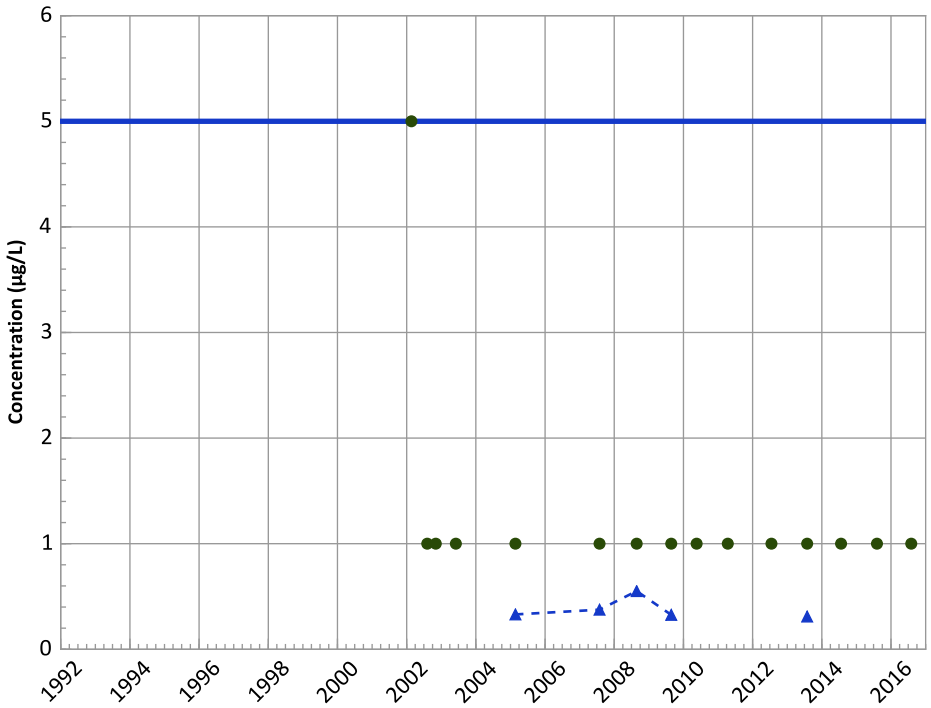
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

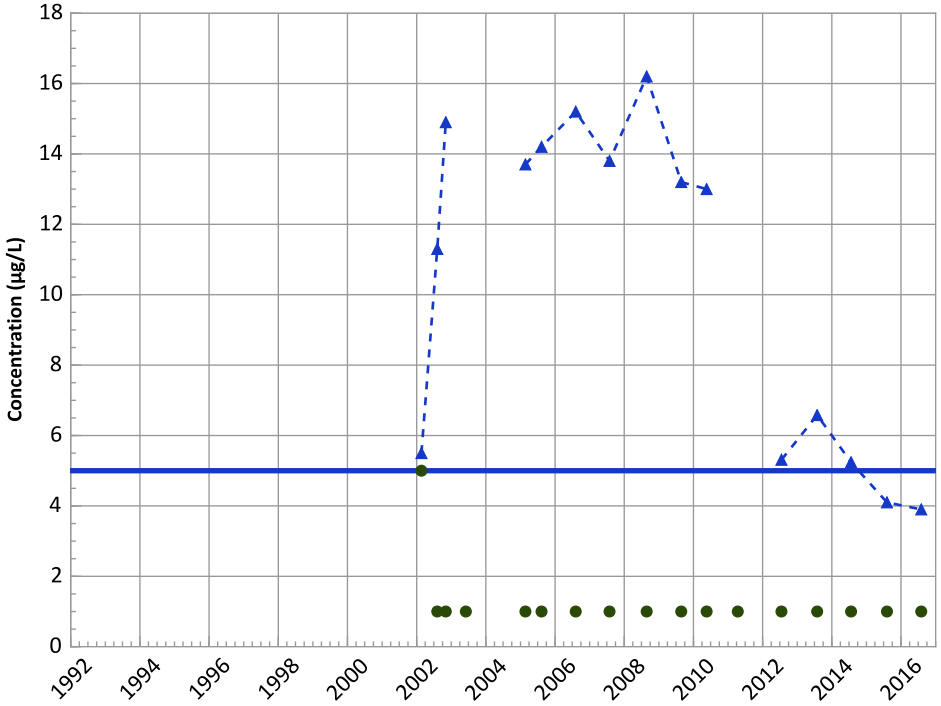


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Trichloroethene Trend



Concentration Trend

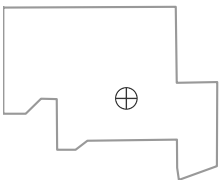
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/20/2002 to 08/02/2016
Analysis Date: 03/07/2017

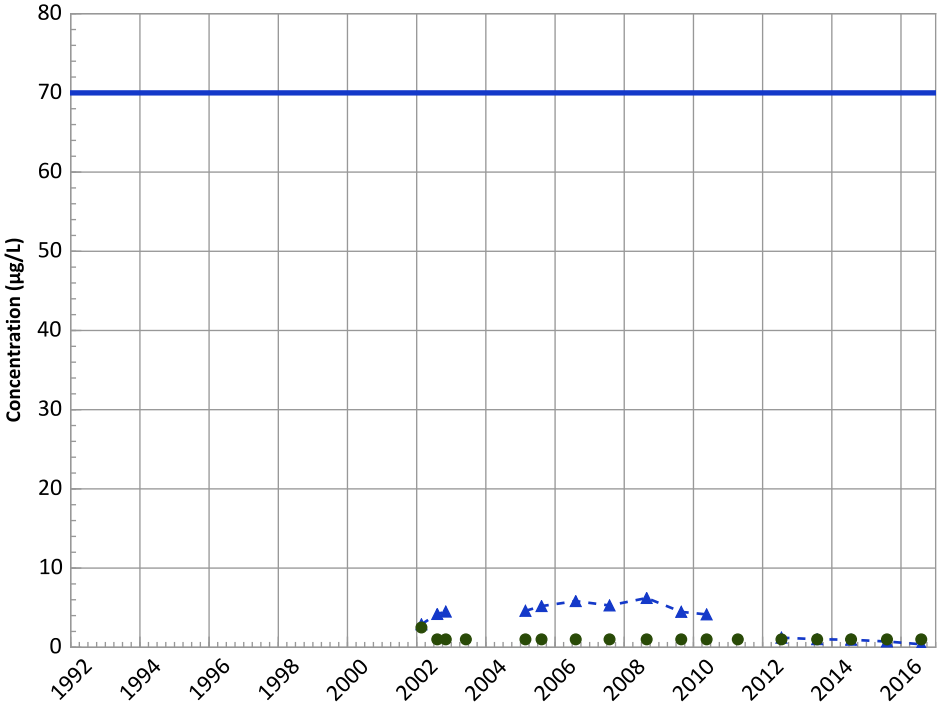
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

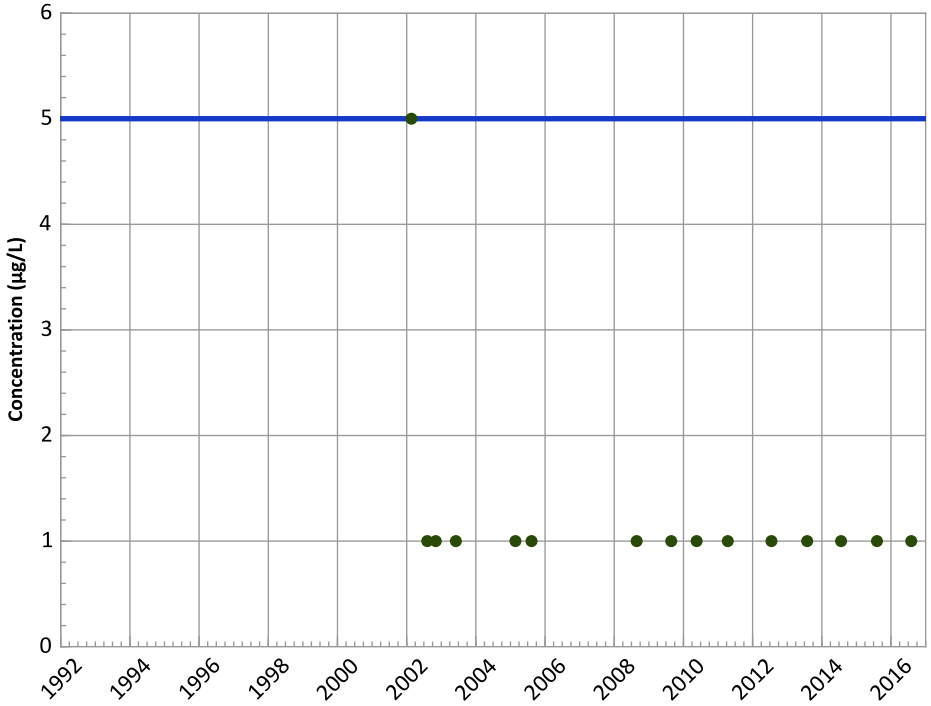


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

1,2-Dichloroethane Trend



Concentration Trend

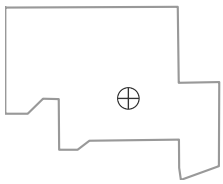
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/20/2002 to 08/02/2016
Analysis Date: 03/07/2017

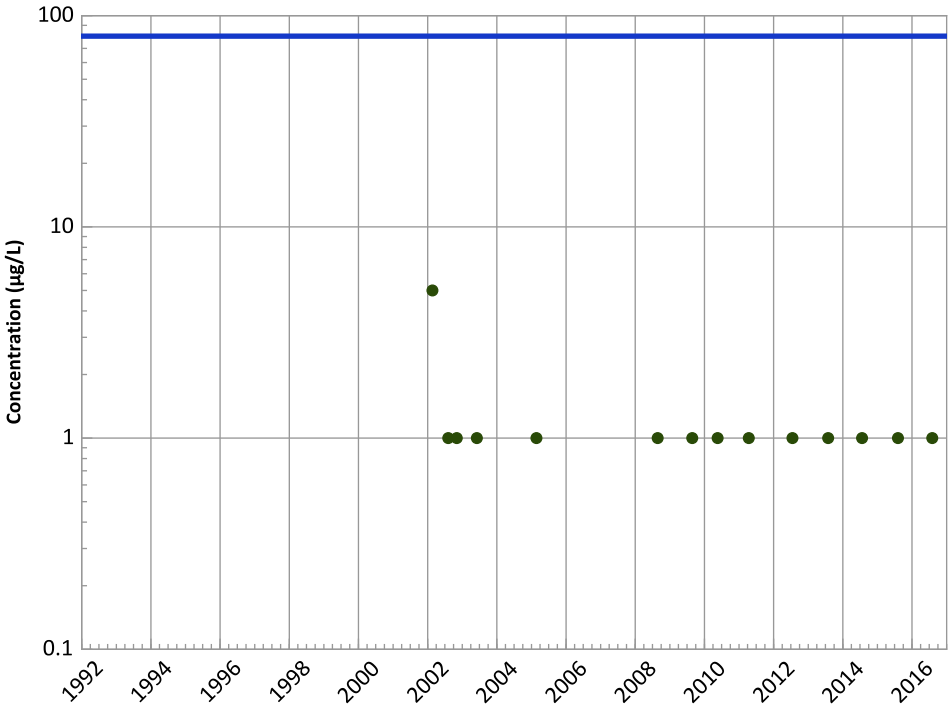
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

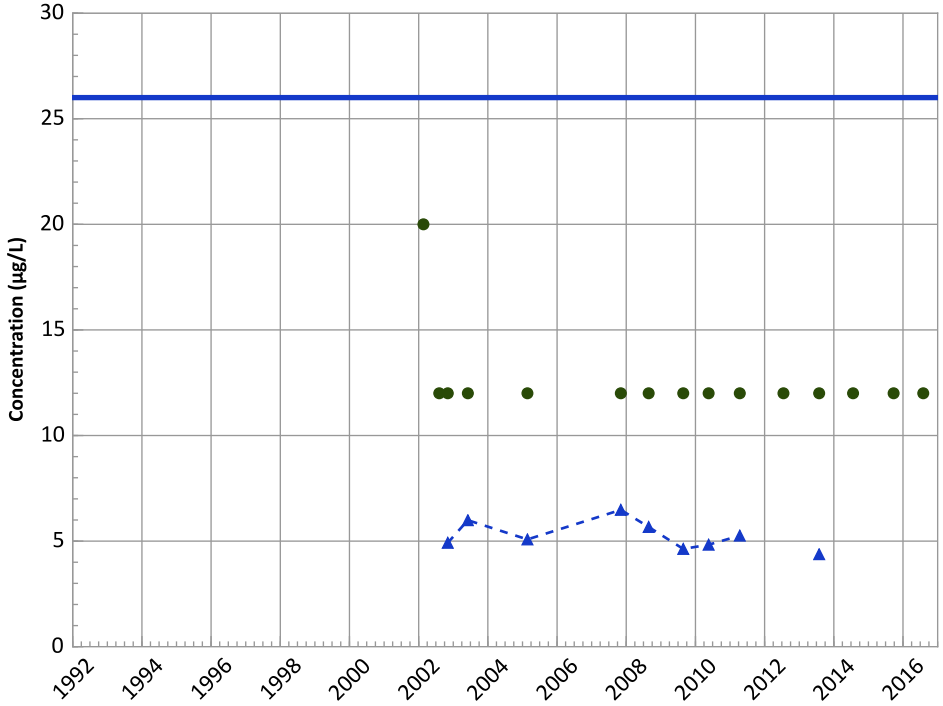


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

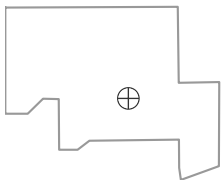
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/20/2002 to 08/02/2016
Analysis Date: 03/07/2017

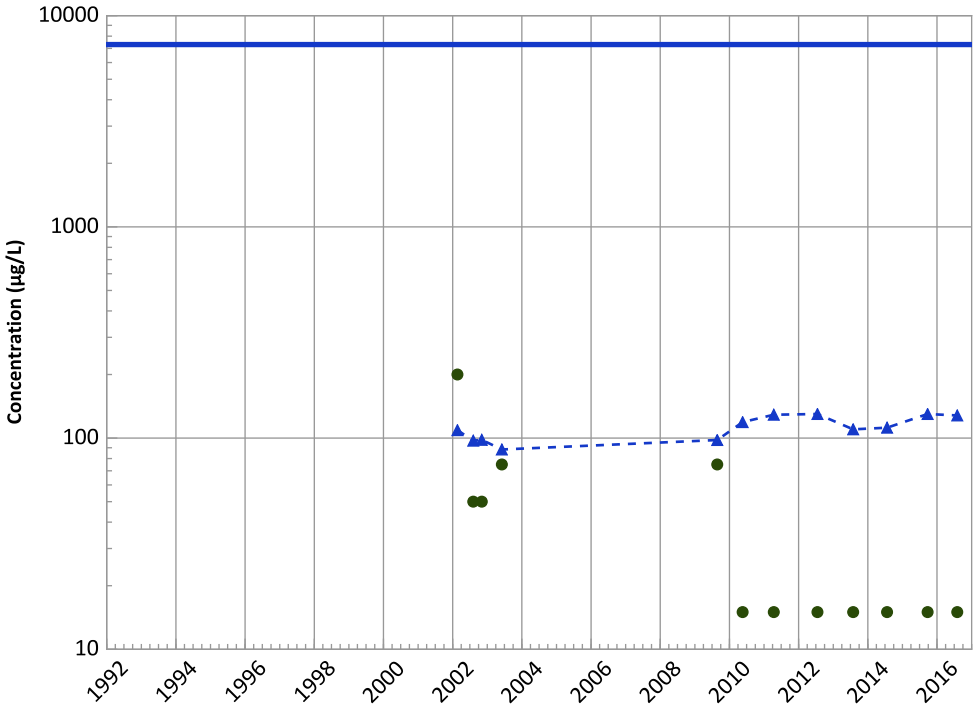
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

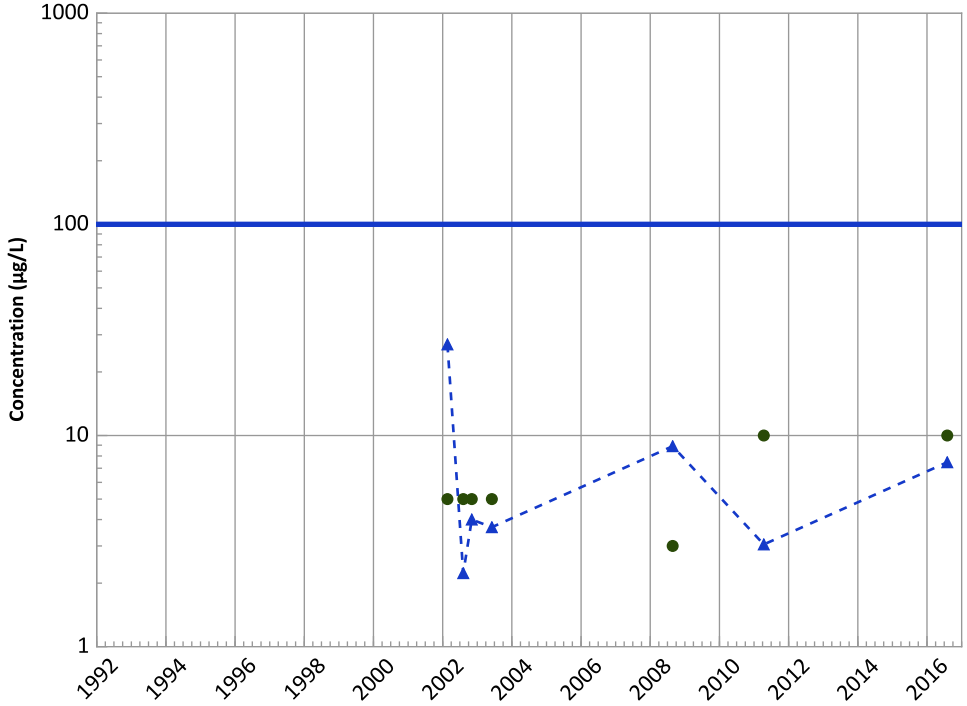


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Chromium, Total Trend



Concentration Trend

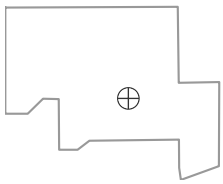
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/20/2002 to 08/02/2016
Analysis Date: 03/07/2017

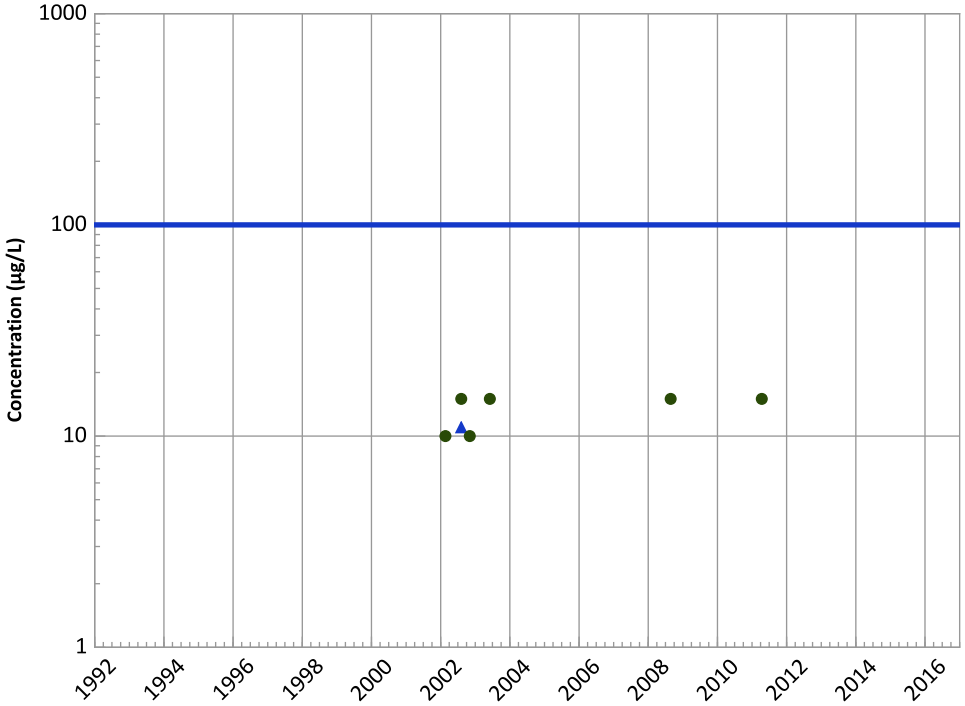
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

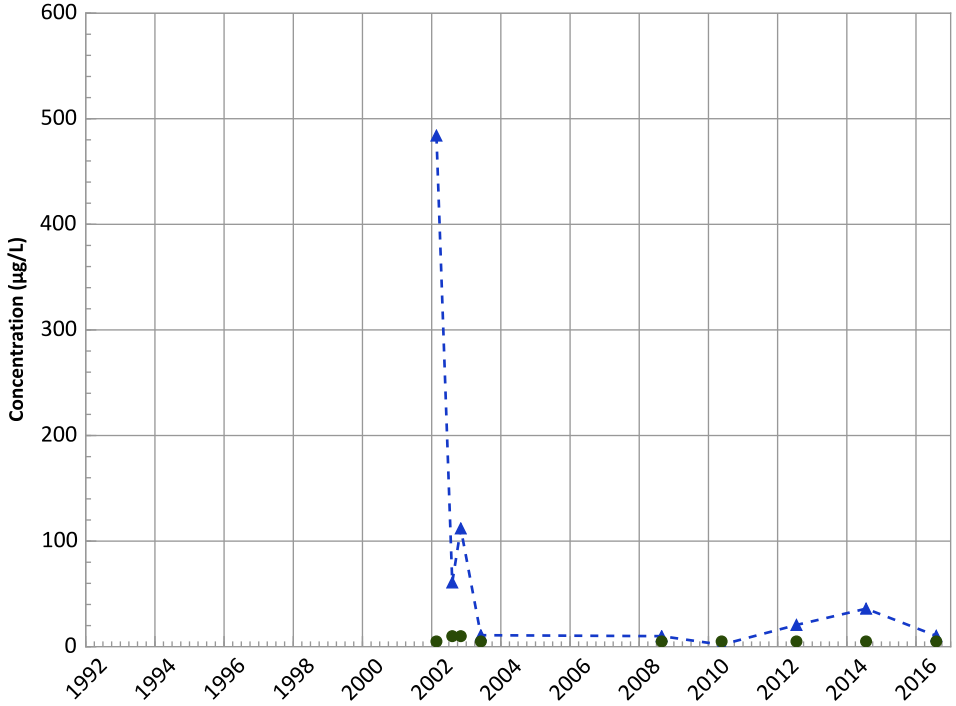


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

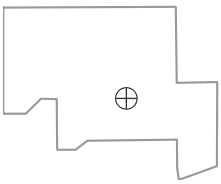
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/20/2002 to 08/02/2016
Analysis Date: 03/07/2017

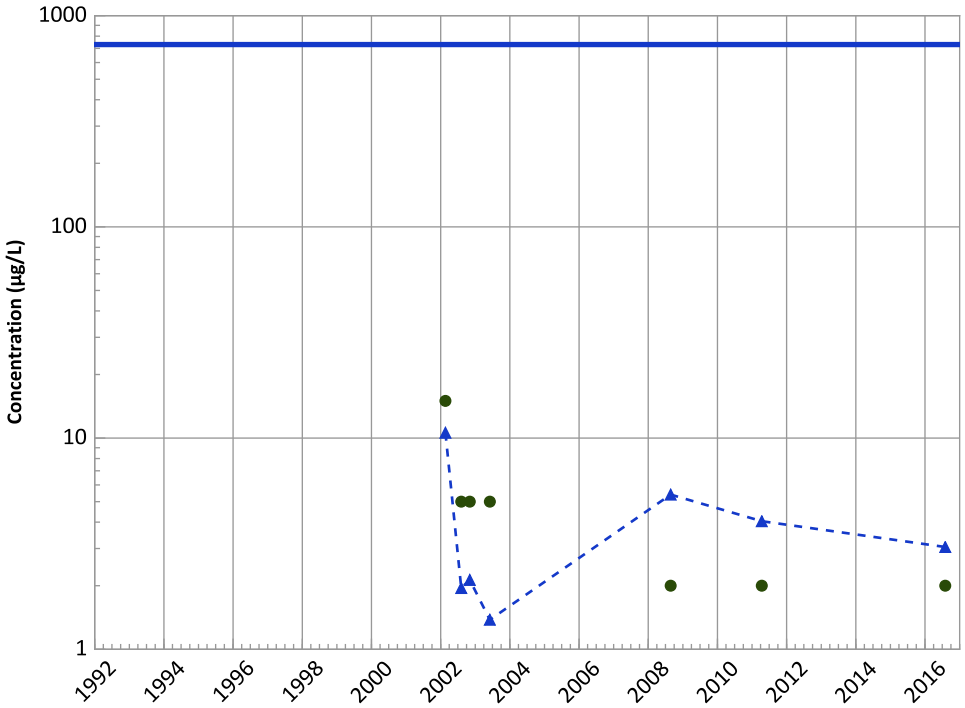
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

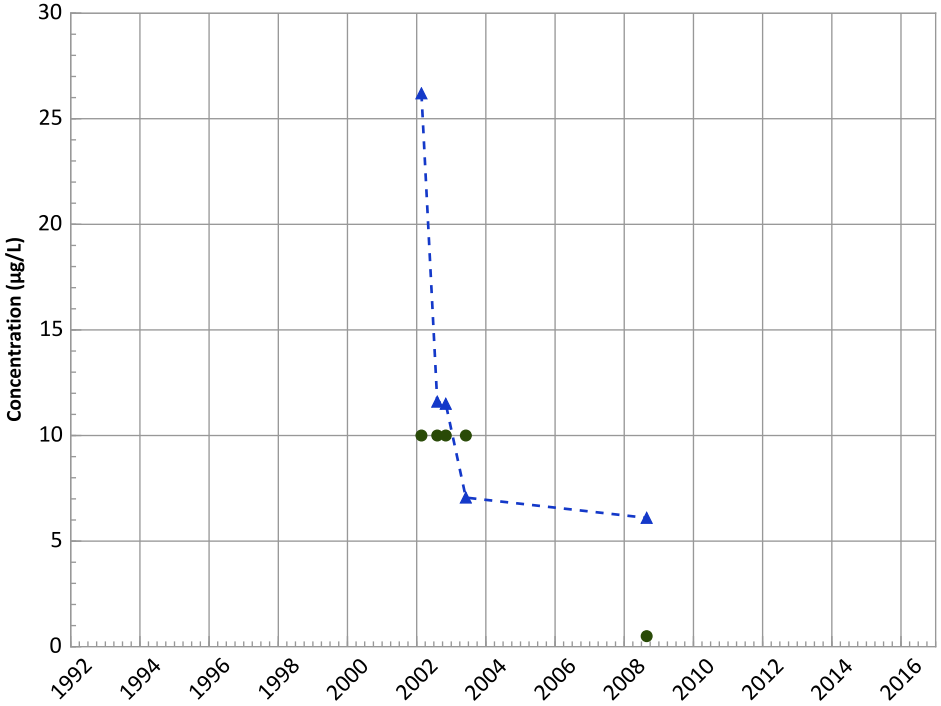


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Molybdenum Trend



Concentration Trend

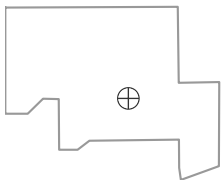
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/20/2002 to 08/02/2016
Analysis Date: 03/07/2017

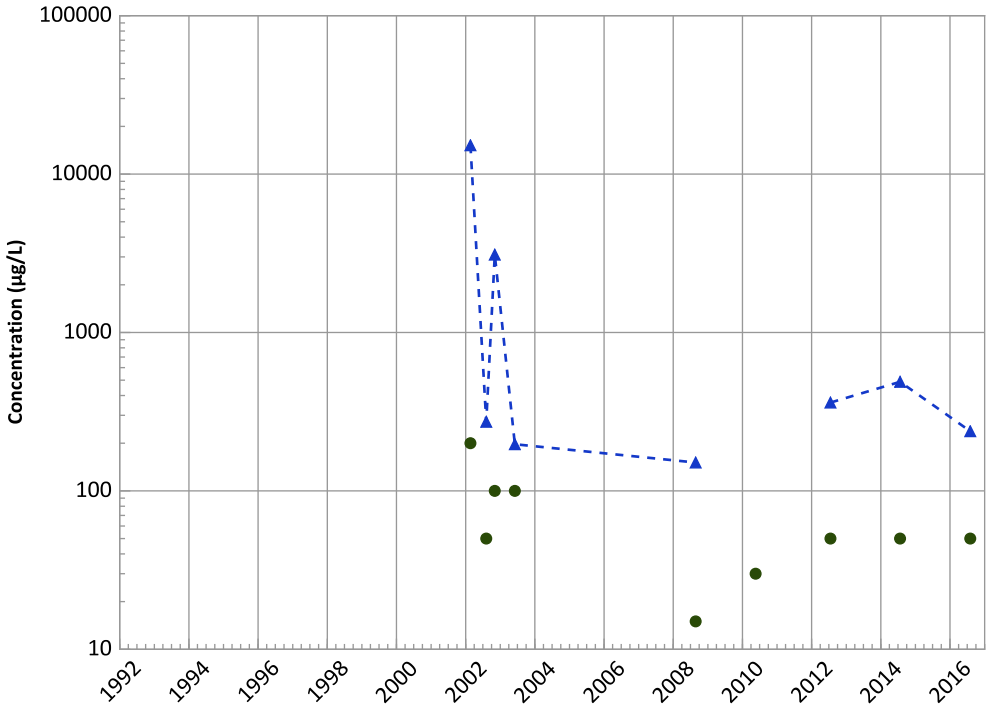
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

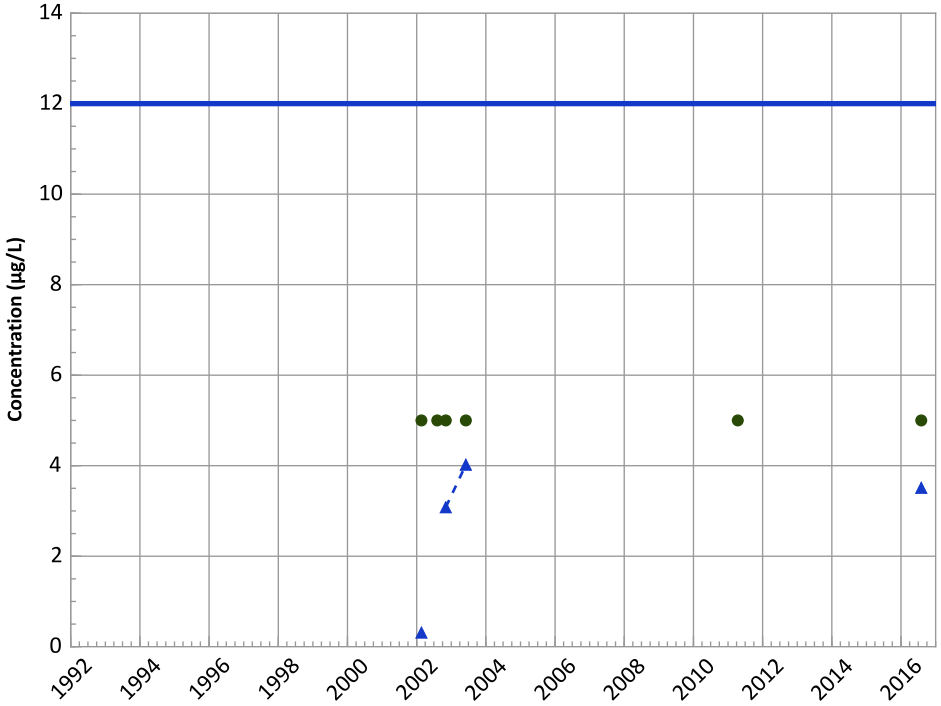


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Arsenic Trend



Concentration Trend

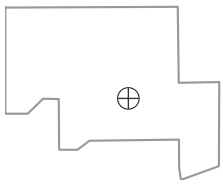
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/20/2002 to 08/02/2016
Analysis Date: 03/07/2017

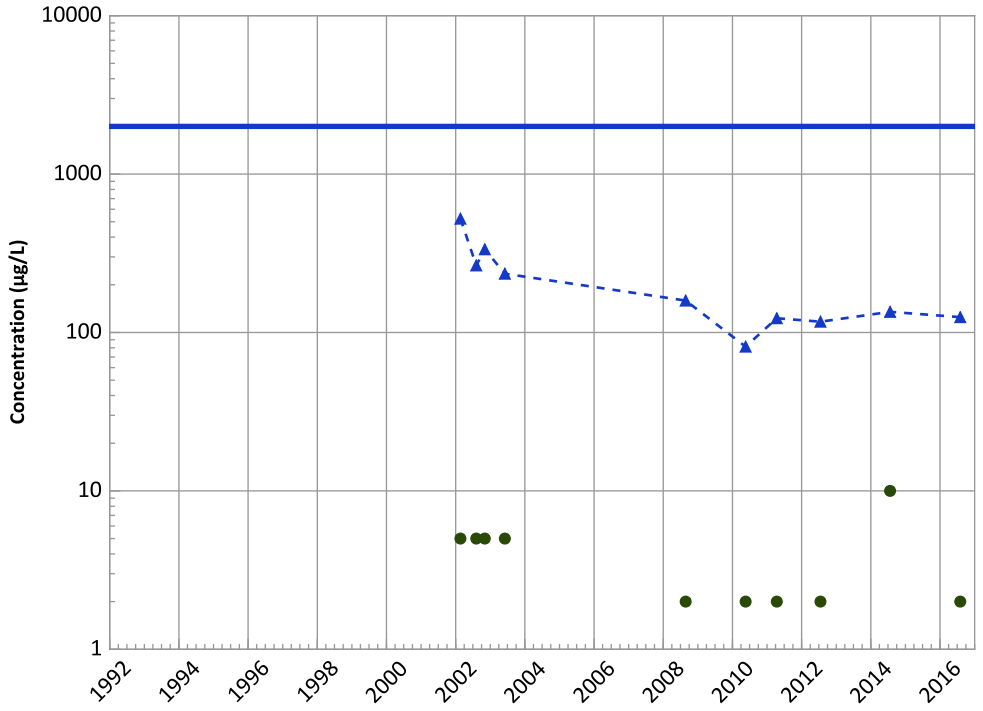
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

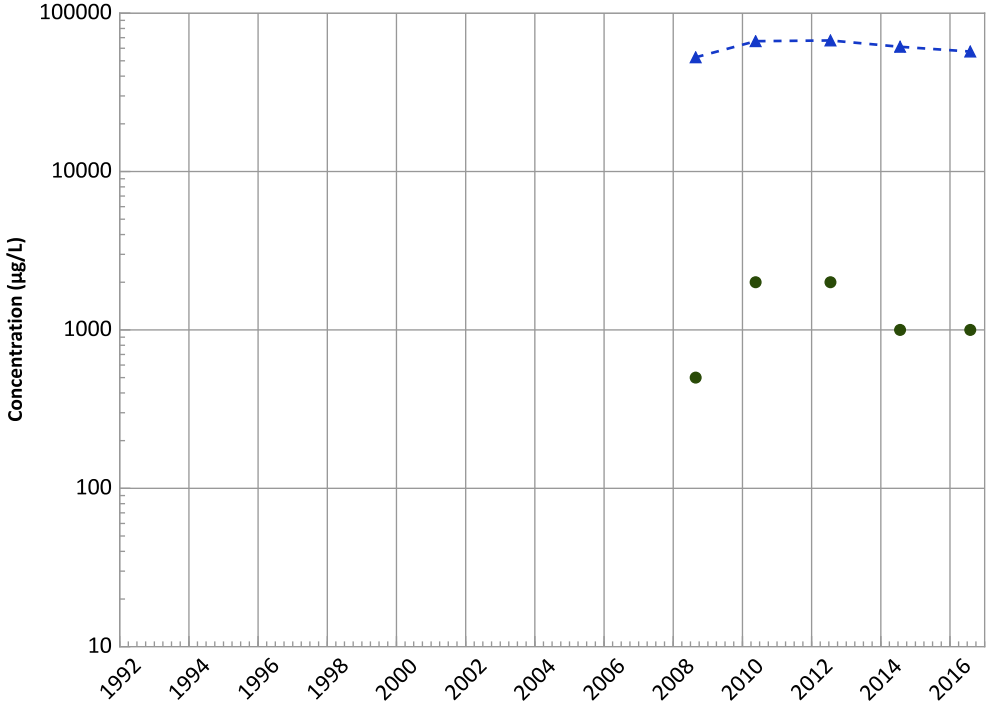


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Calcium Trend



Concentration Trend

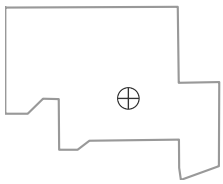
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/20/2002 to 08/02/2016
Analysis Date: 03/07/2017

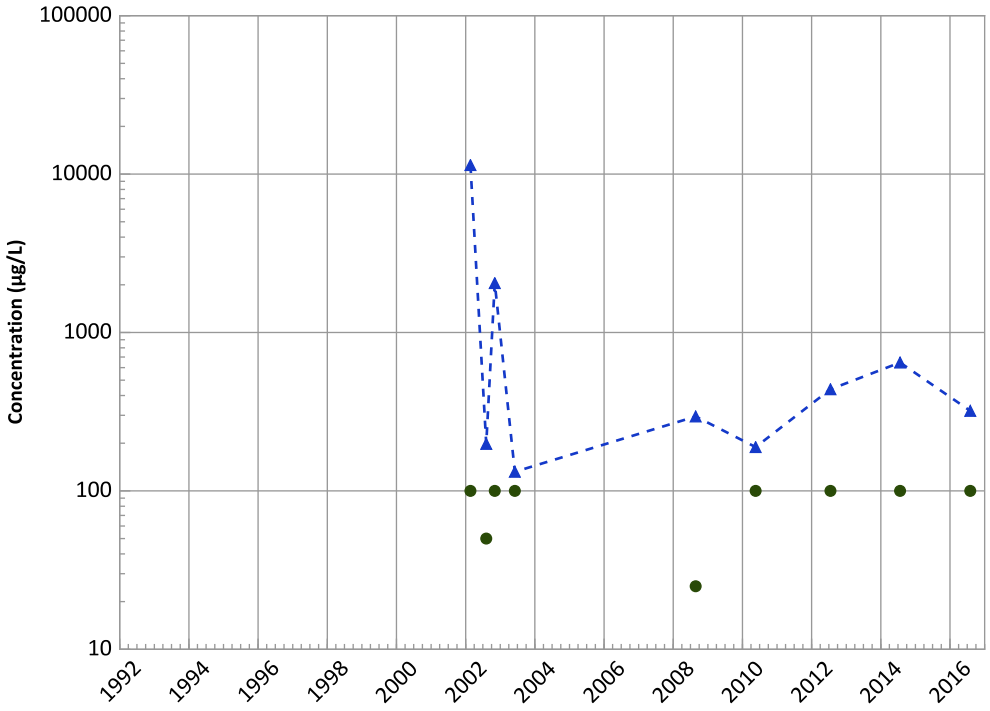
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

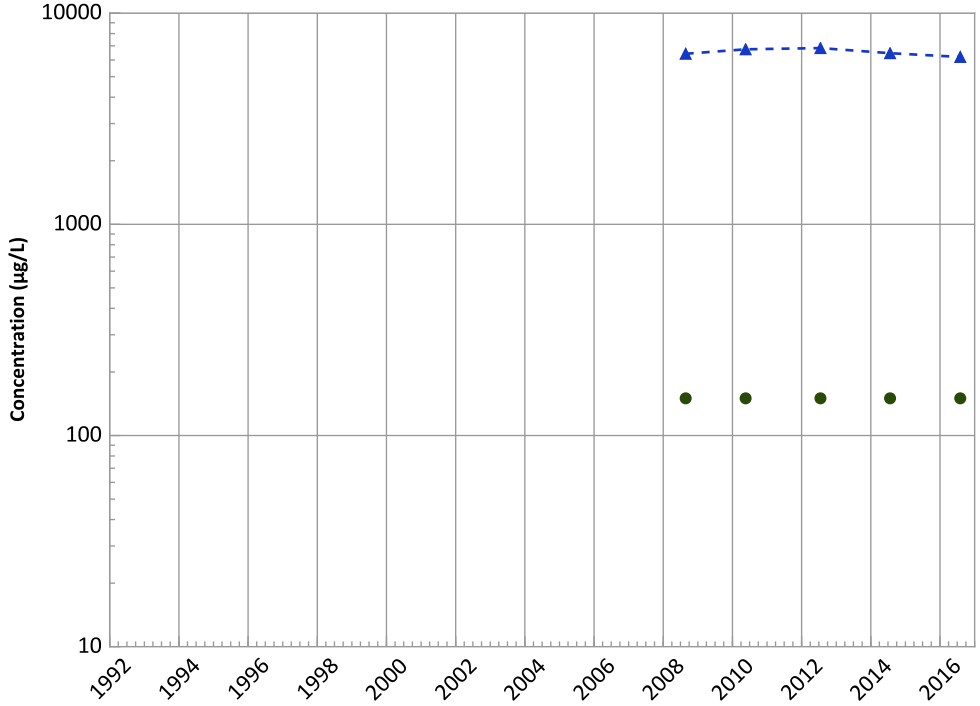


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Potassium Trend



Concentration Trend

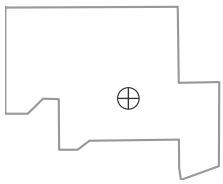
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/20/2002 to 08/02/2016
Analysis Date: 03/07/2017

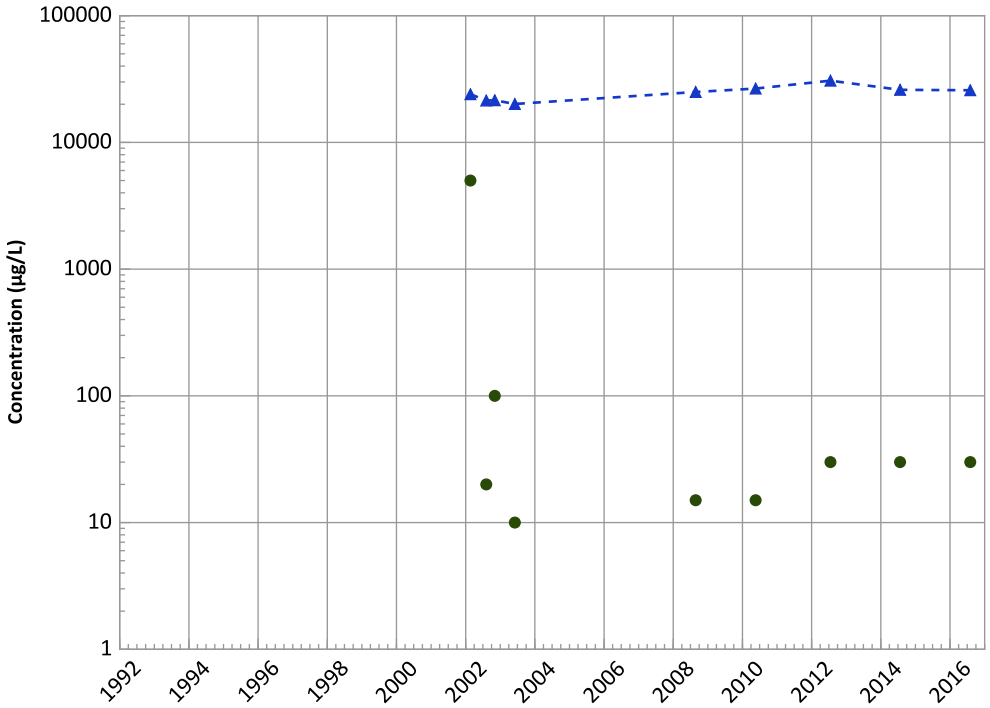
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

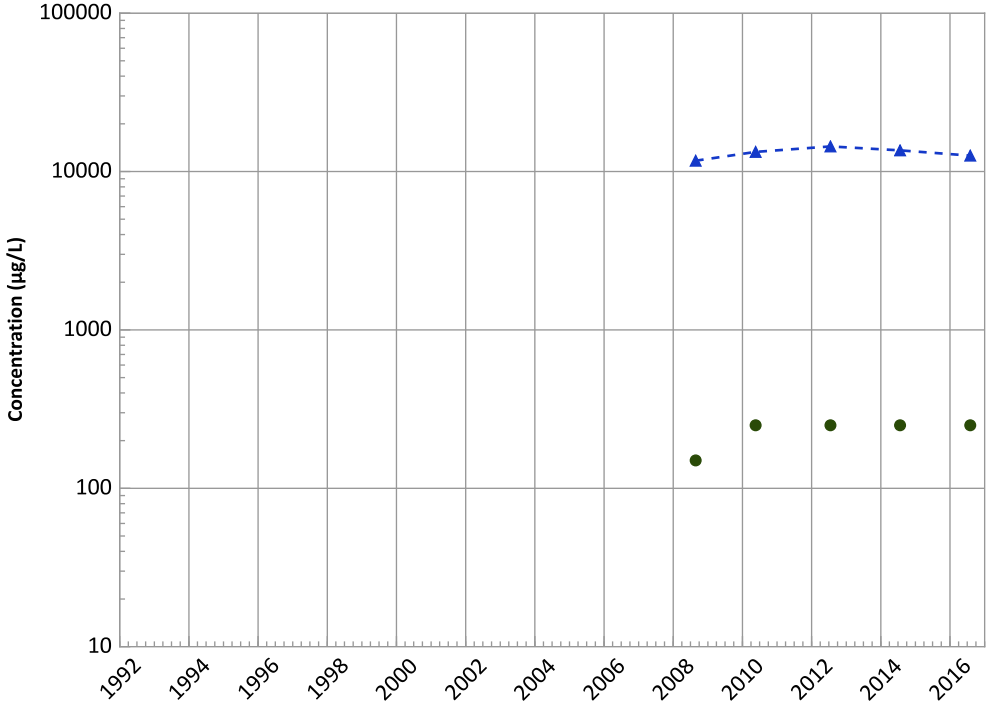


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Sodium Trend



Concentration Trend

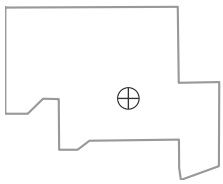
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

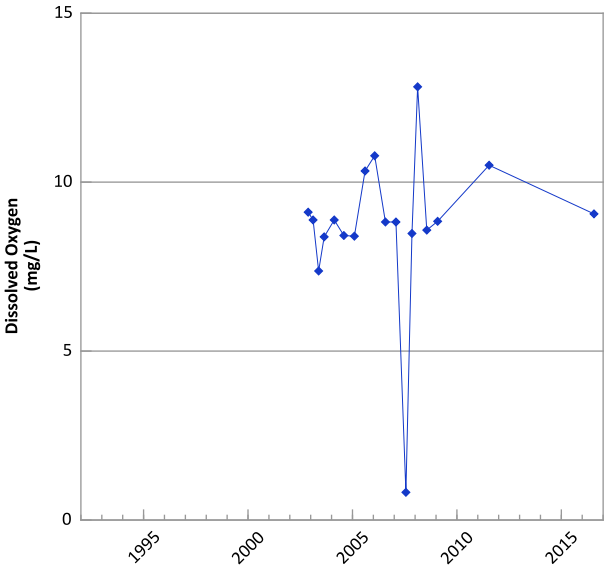
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/20/2002 to 08/02/2016
Analysis Date: 03/07/2017

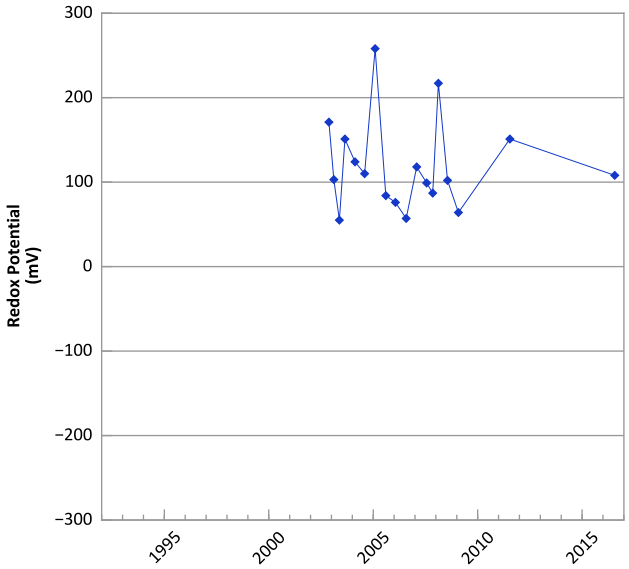
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

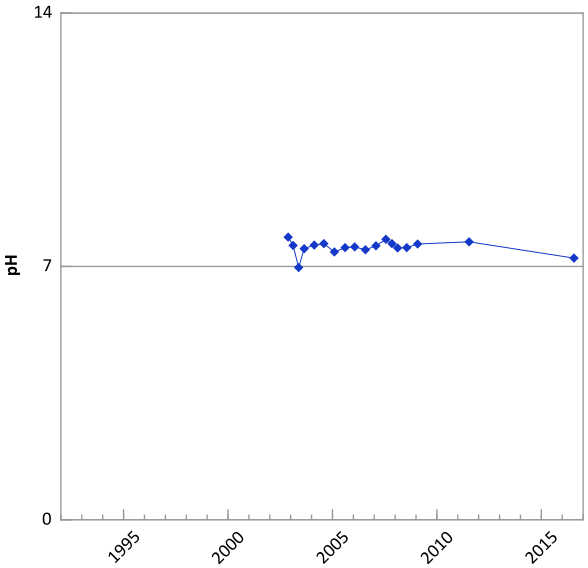
Well Location

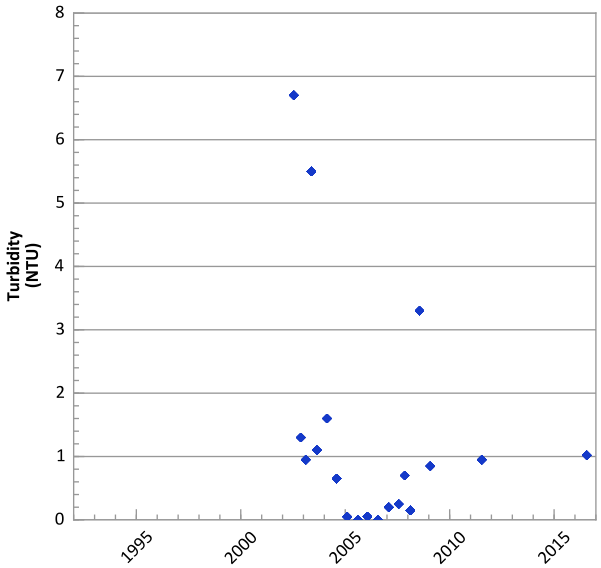


PTX06-1080 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



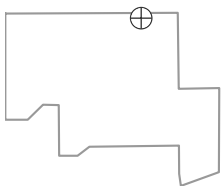






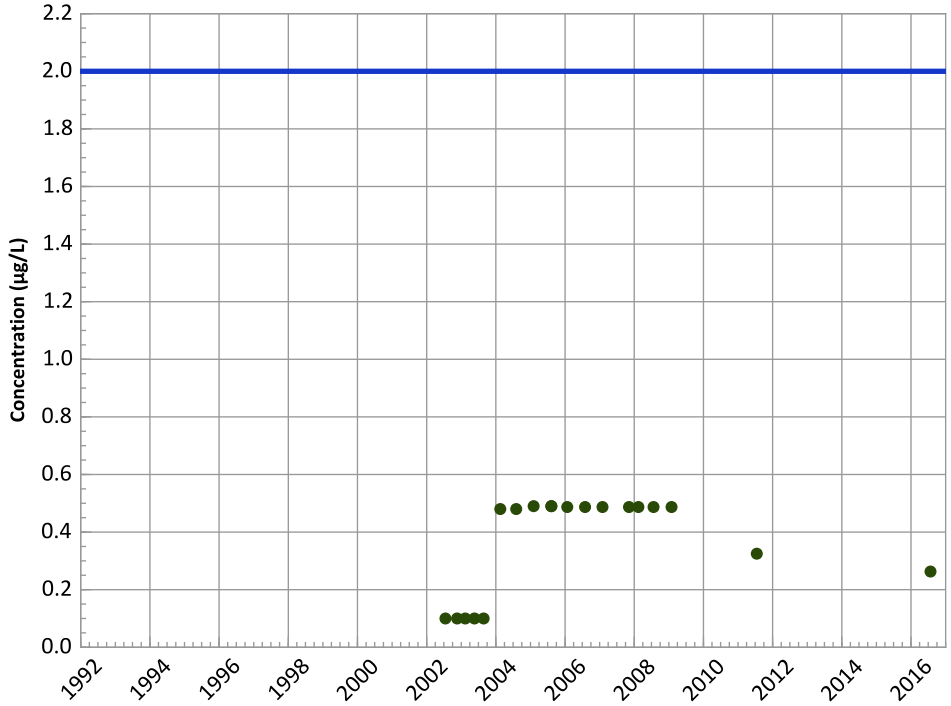
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1080 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

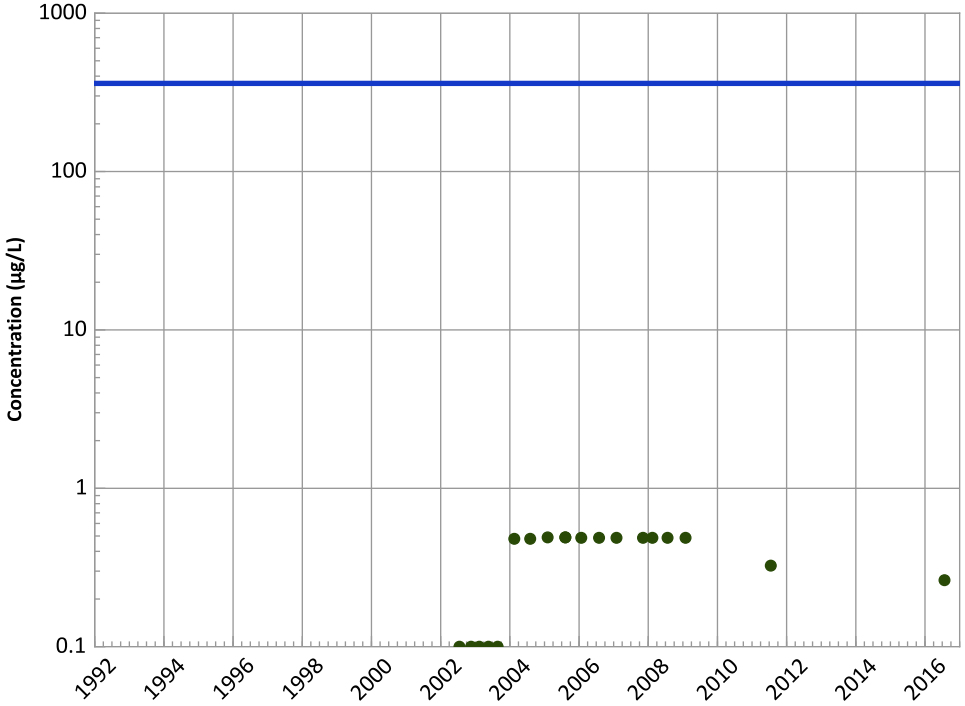


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

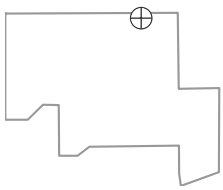
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

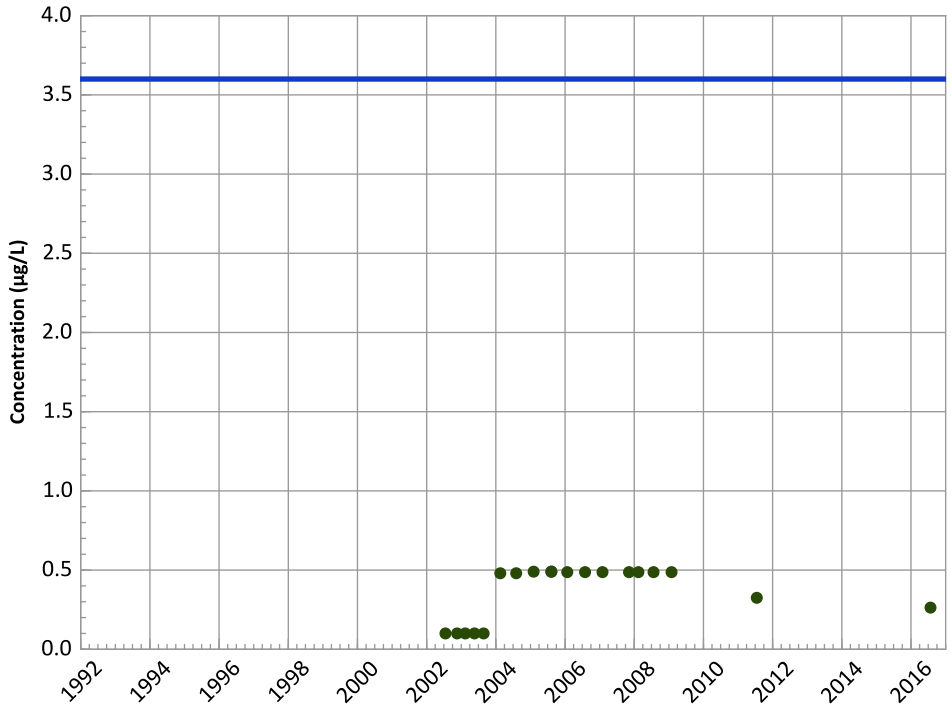
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1080 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

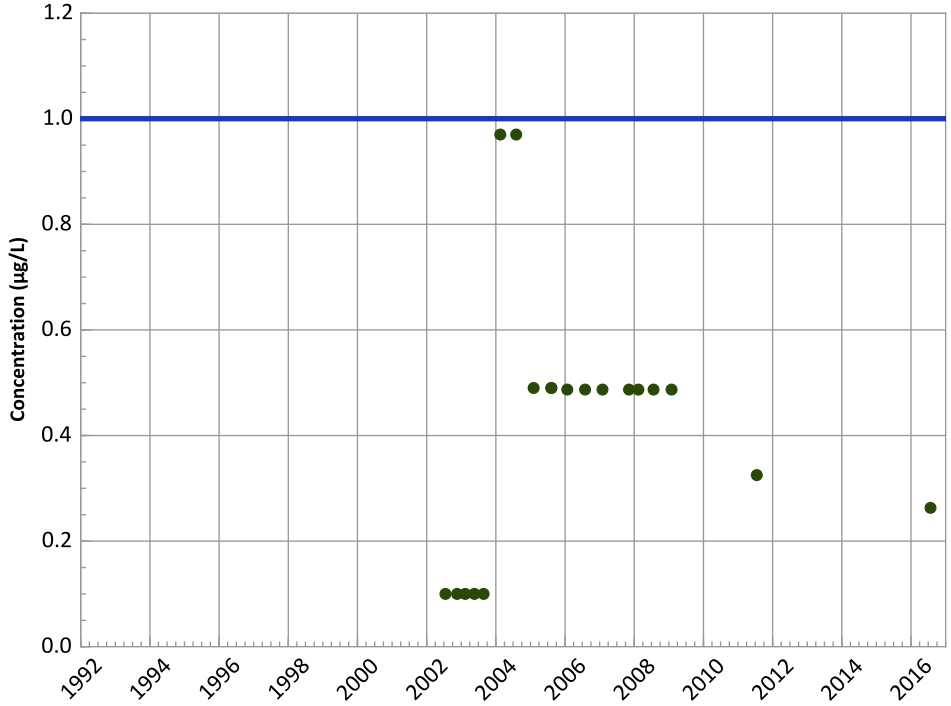


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

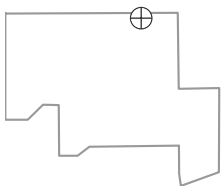
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

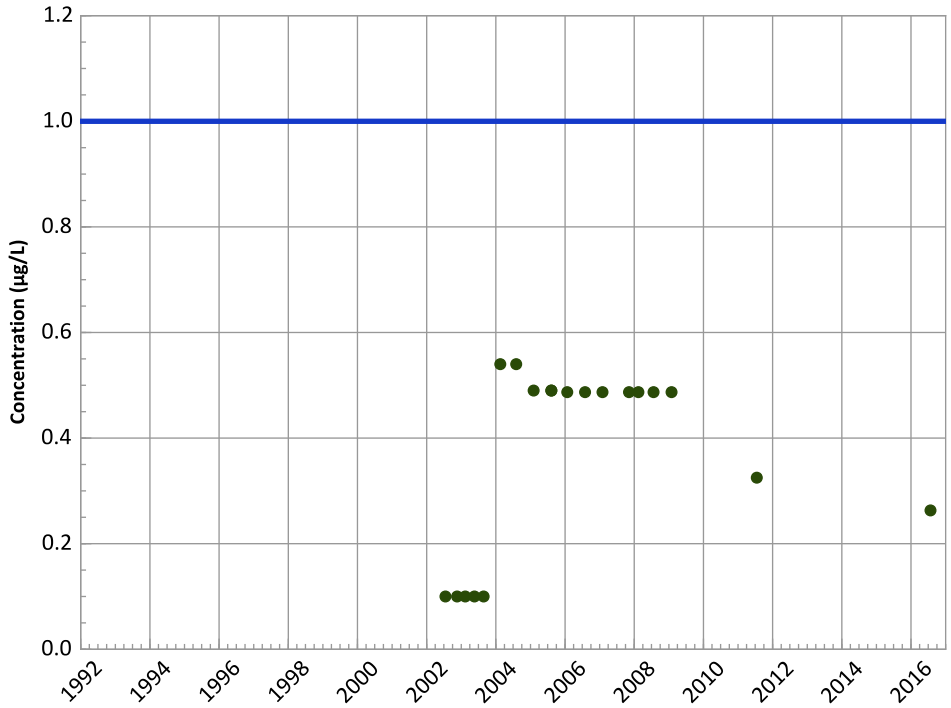
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1080 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

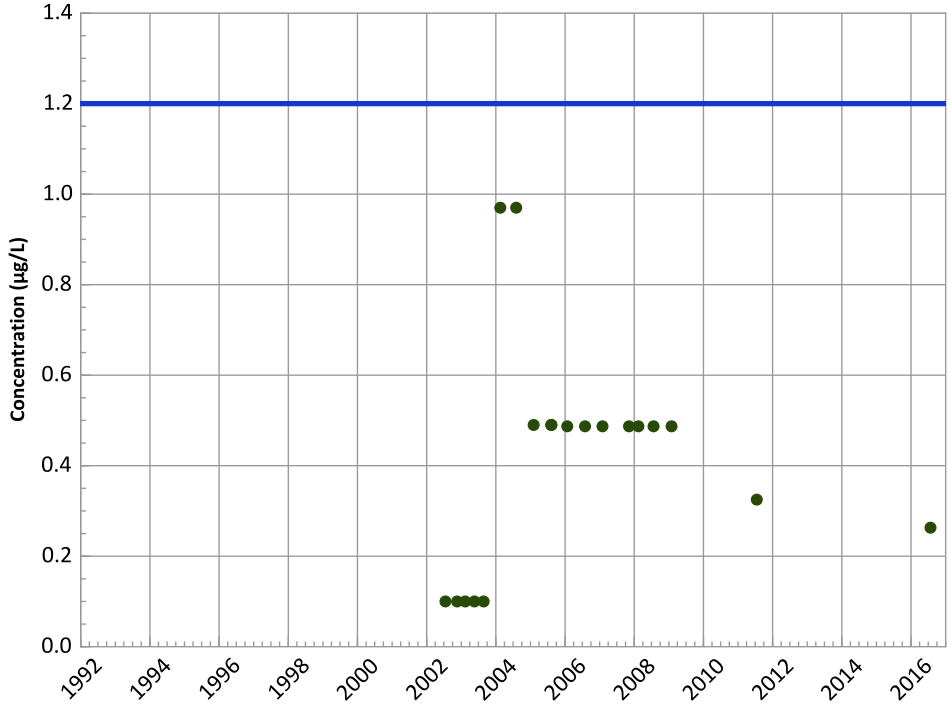


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

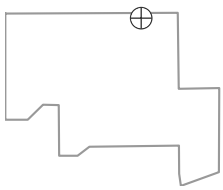
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

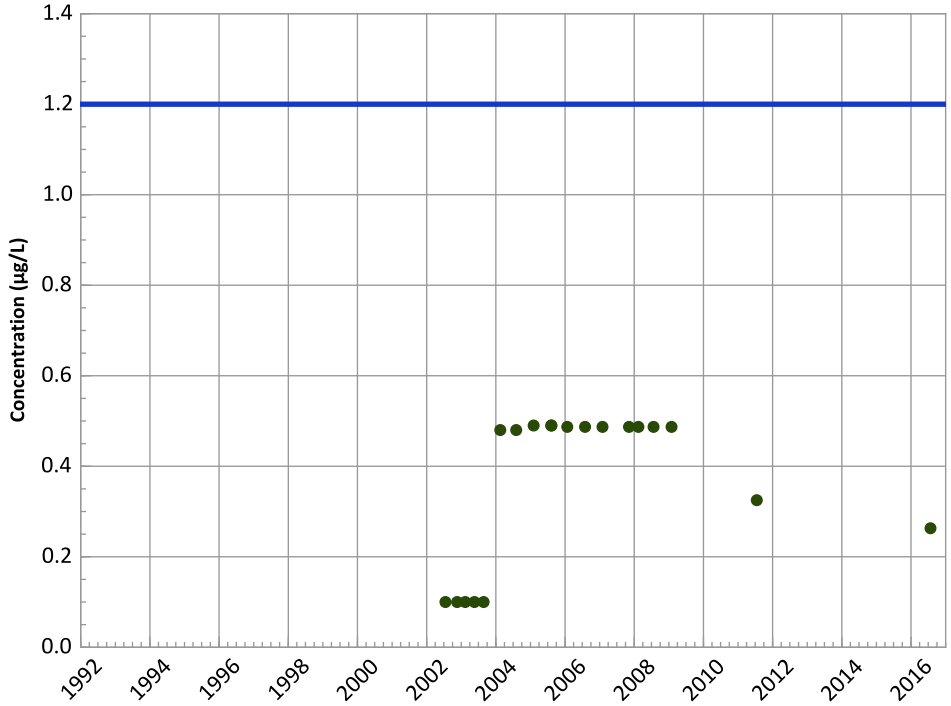
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1080 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

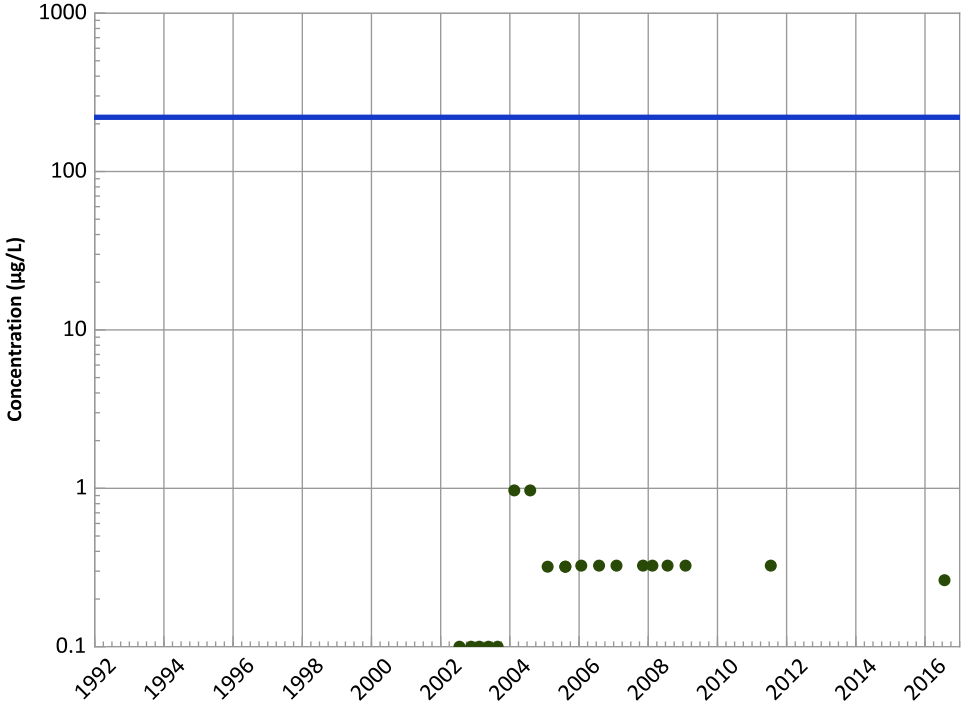


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

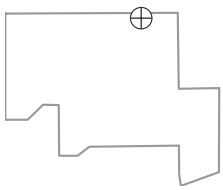
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

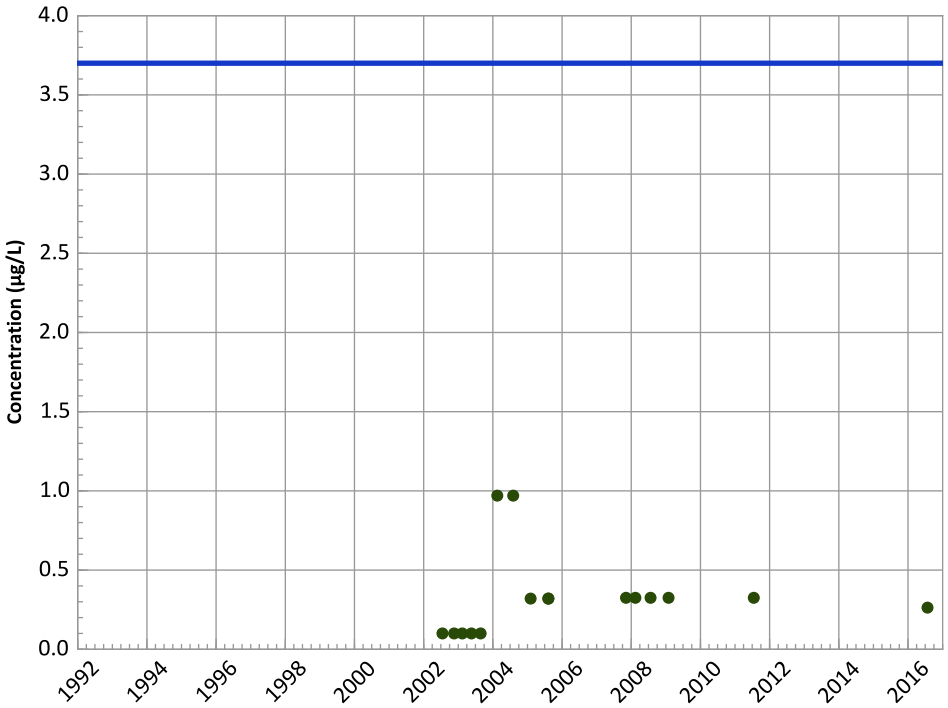
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1080 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

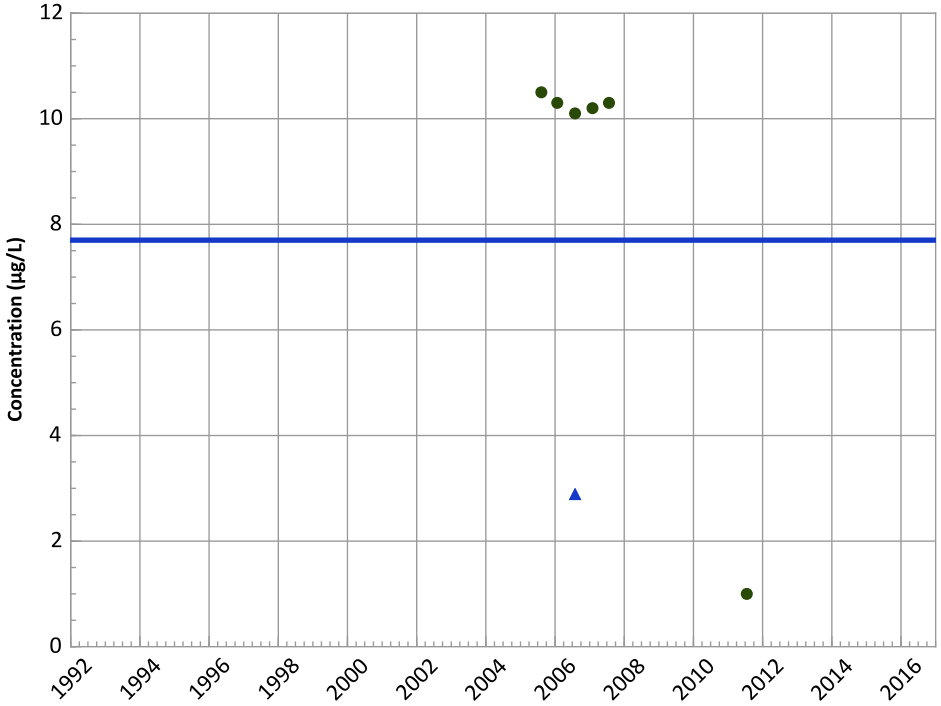


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

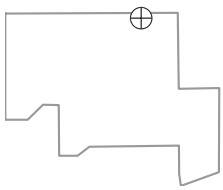
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

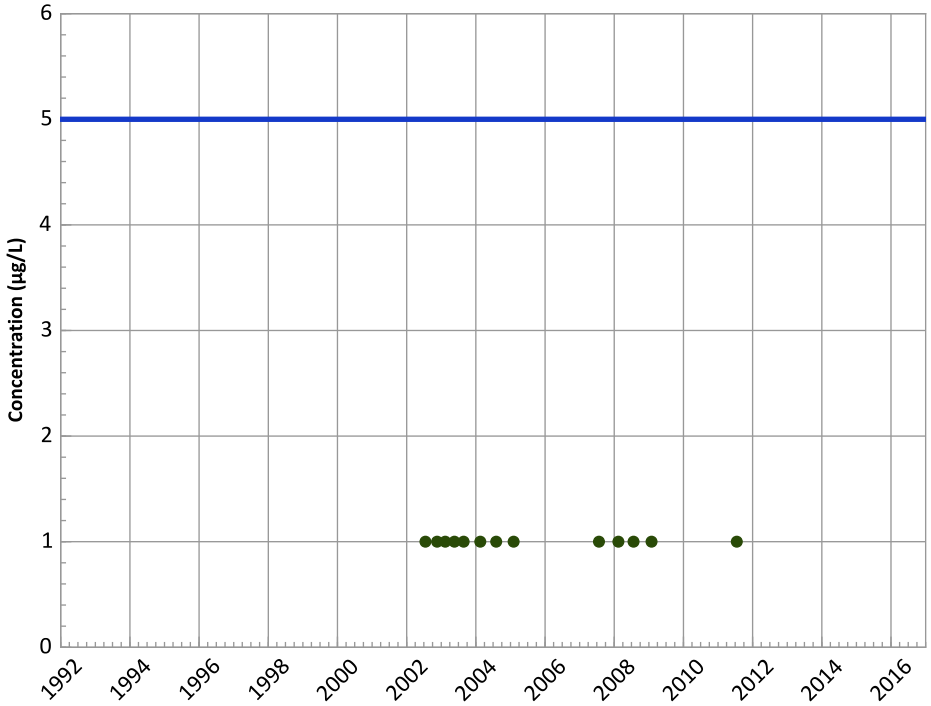
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1080 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

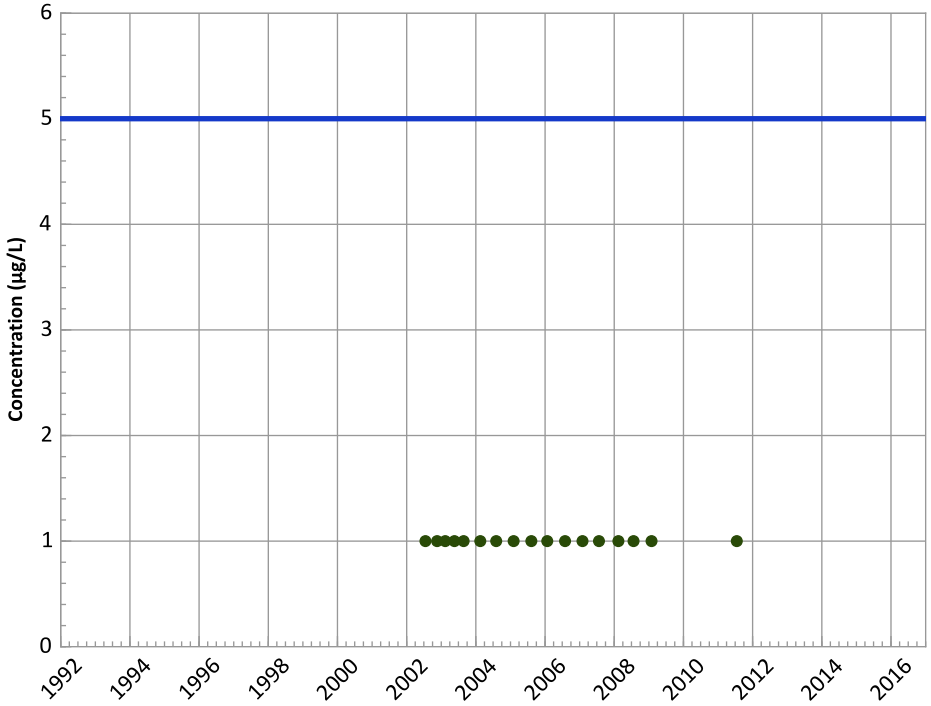


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

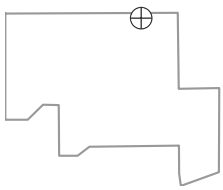
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

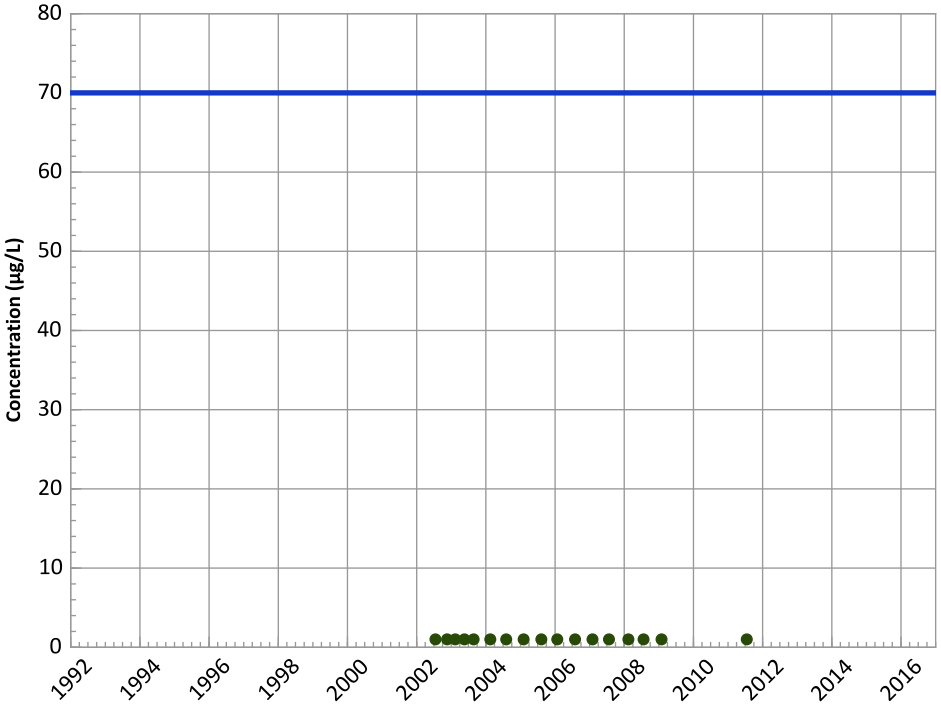
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1080 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

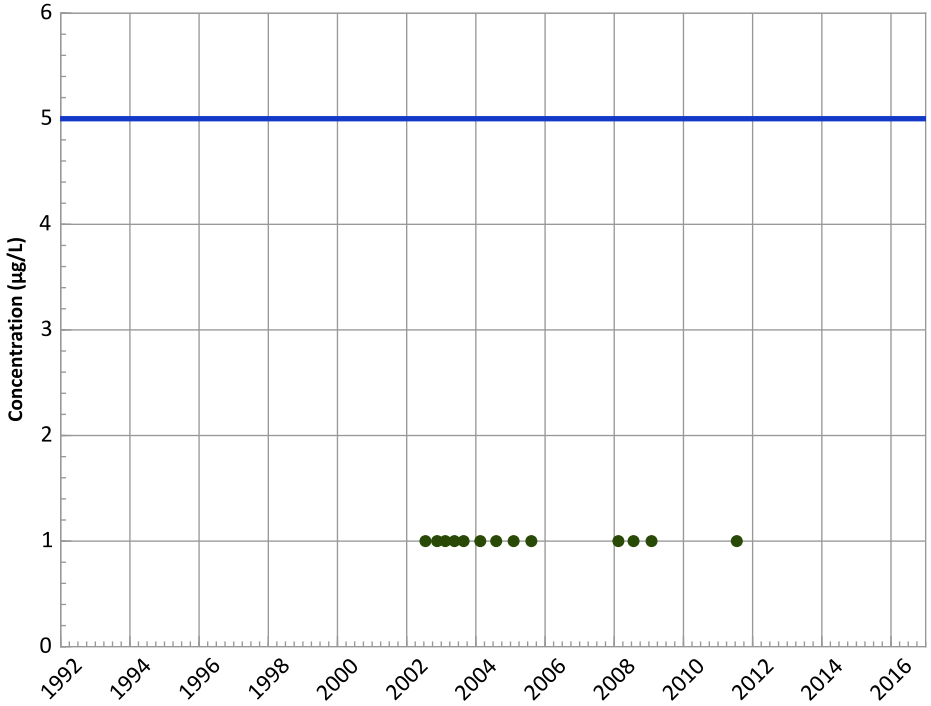


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

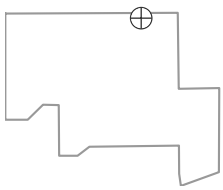
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

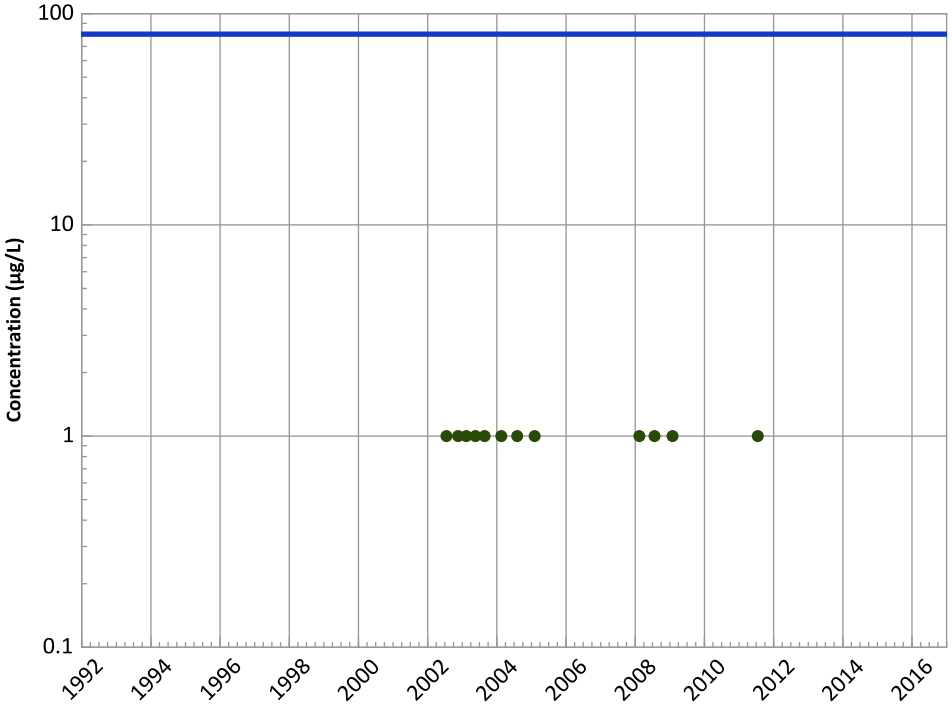
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1080 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

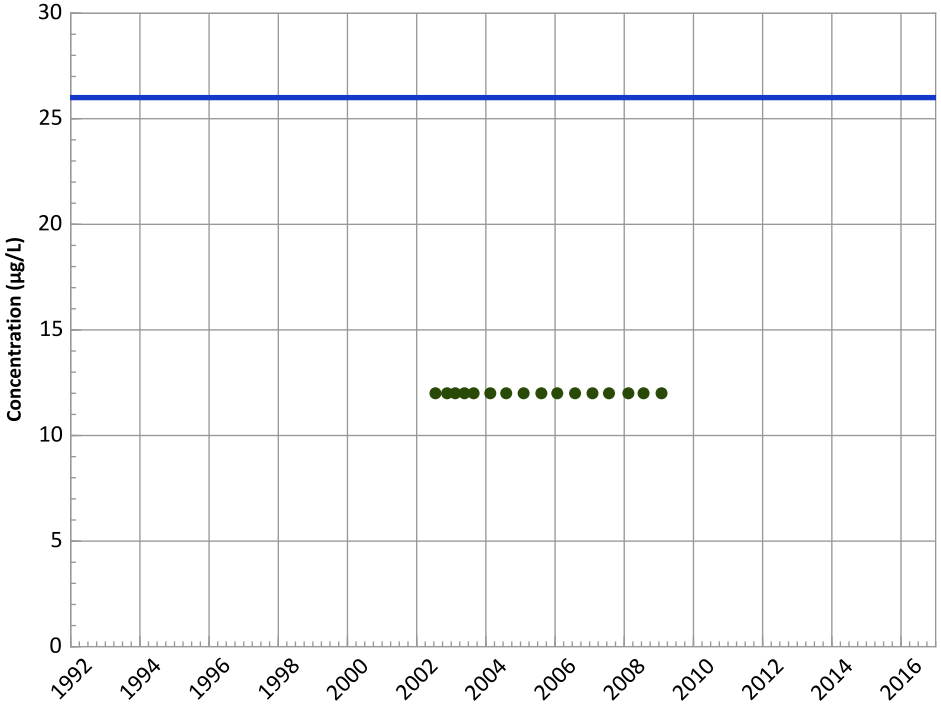


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

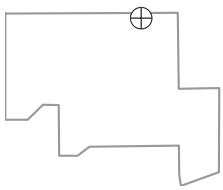
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

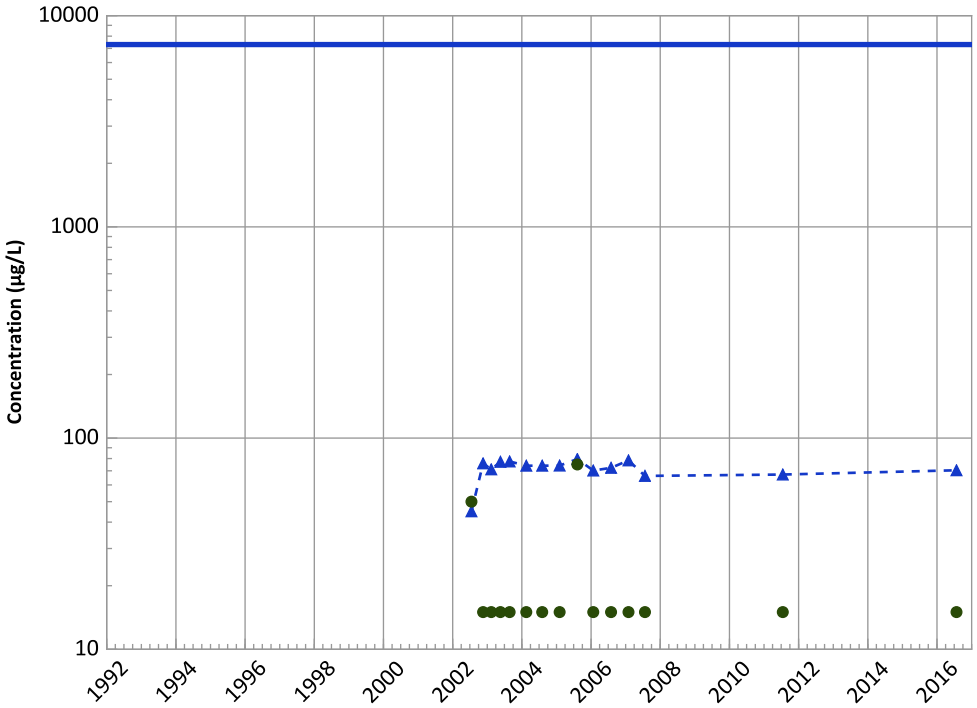
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1080 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

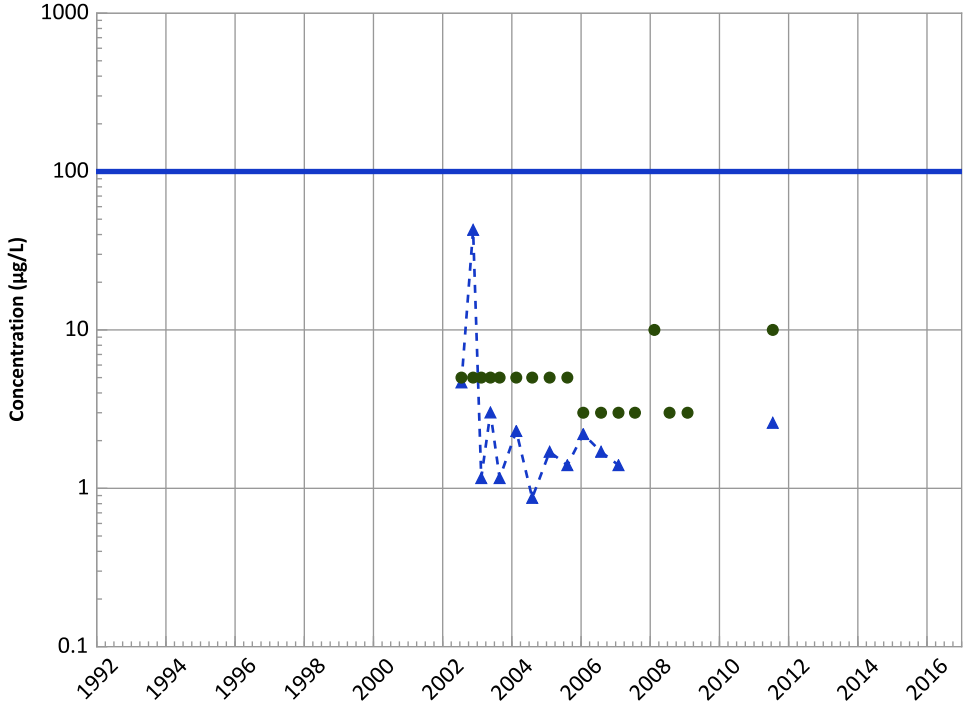


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Chromium, Total Trend



Concentration Trend

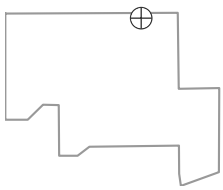
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

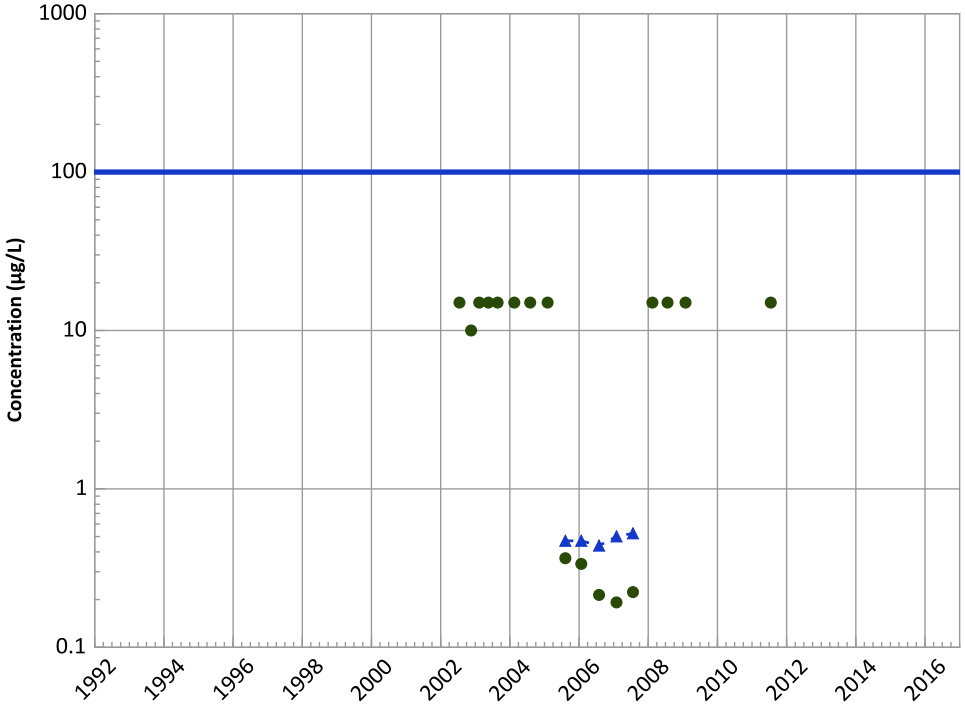
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1080 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

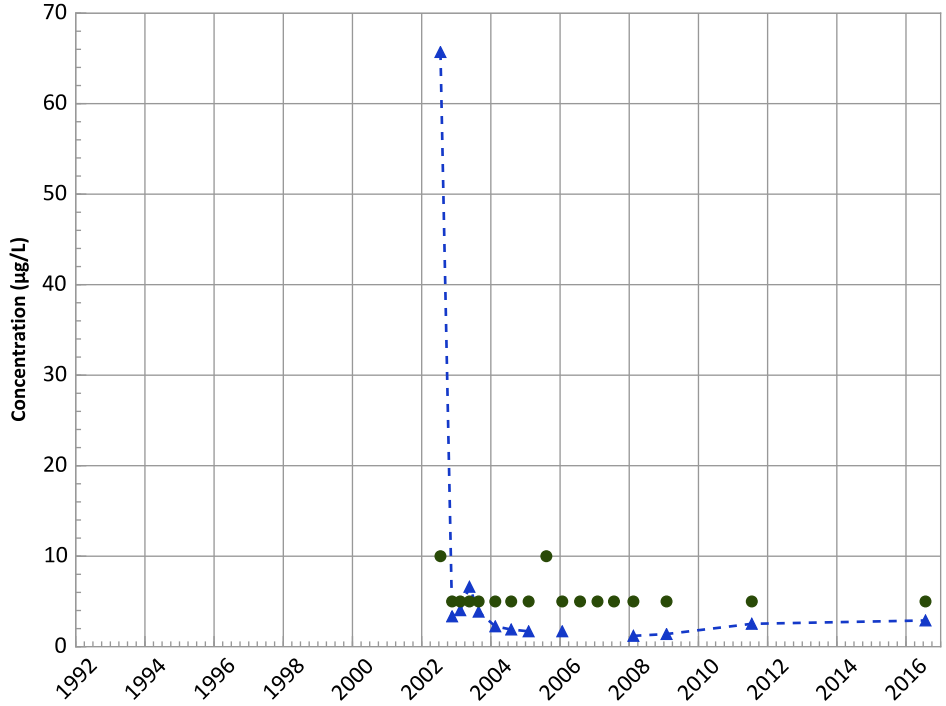


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Manganese Trend



Concentration Trend

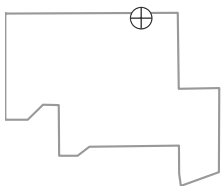
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

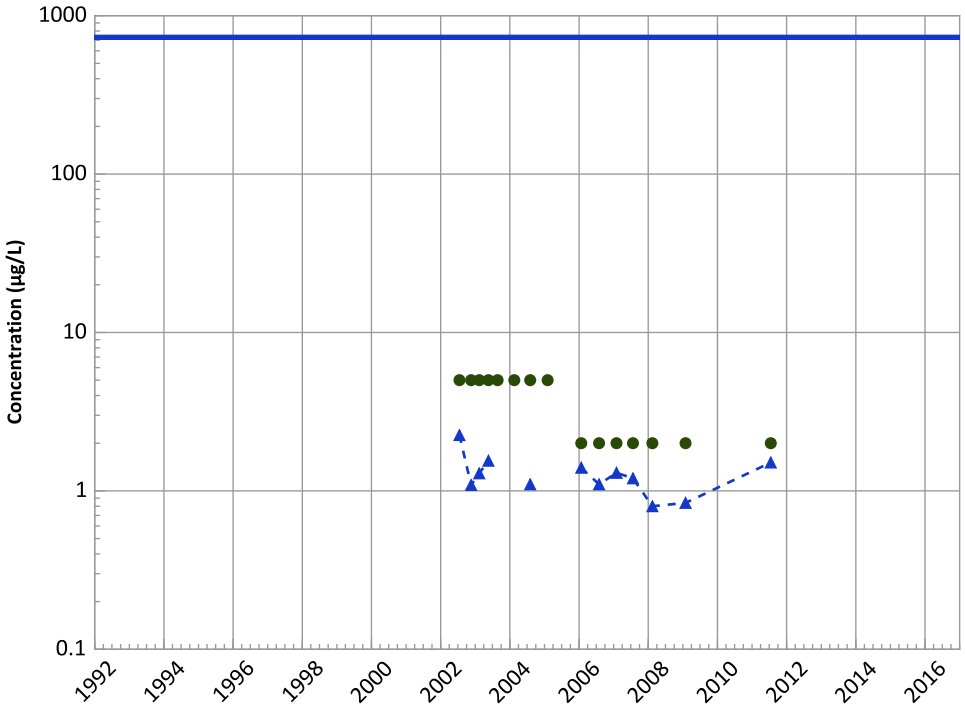
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1080 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

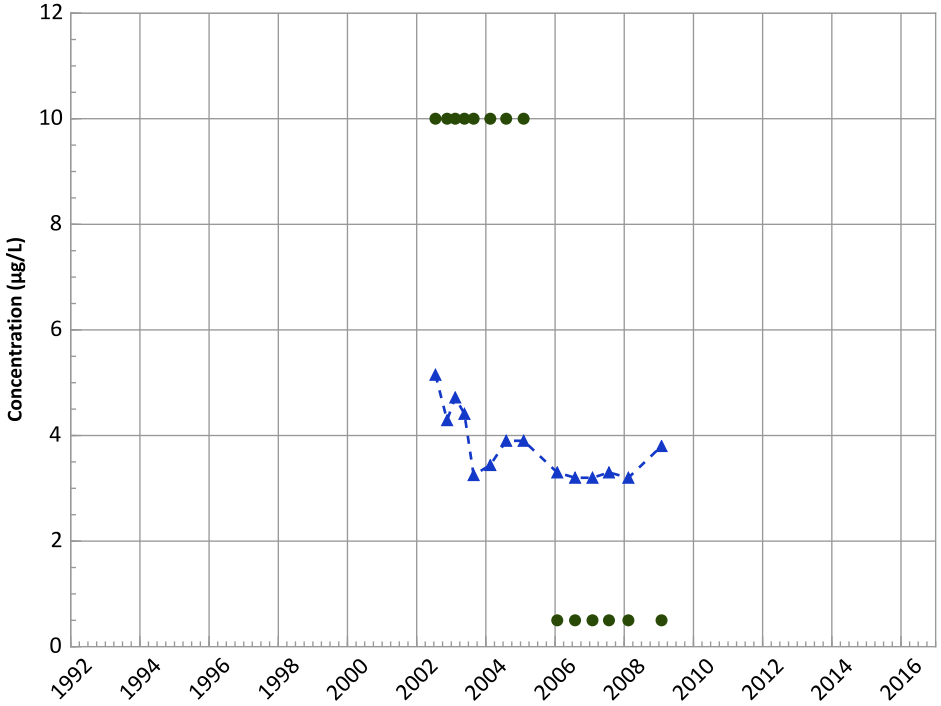


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Molybdenum Trend



Concentration Trend

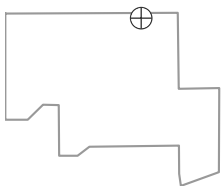
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

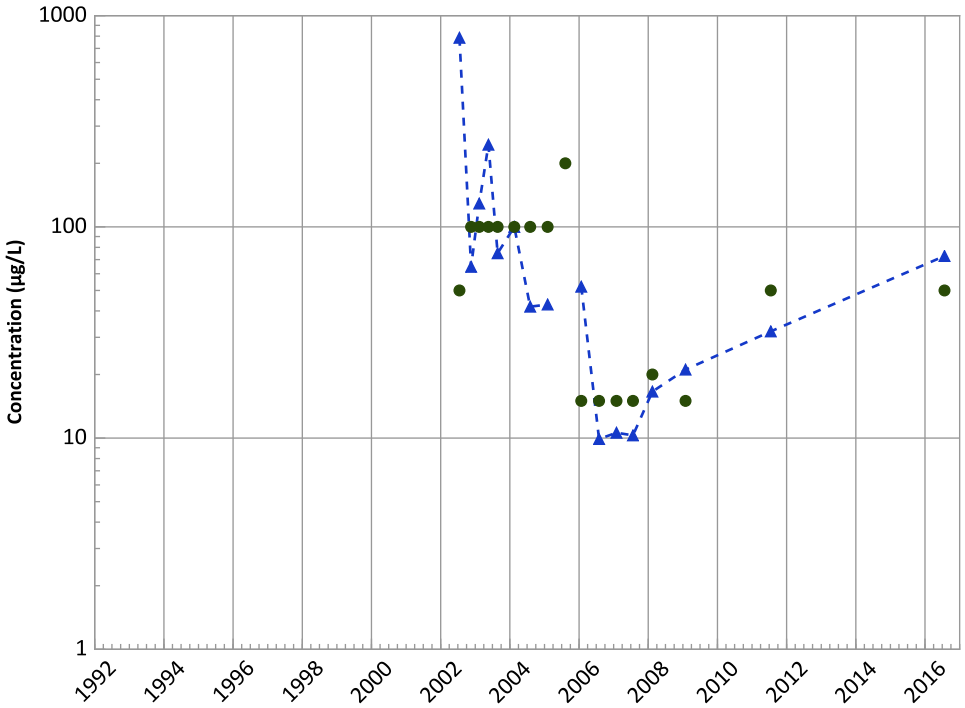
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1080 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

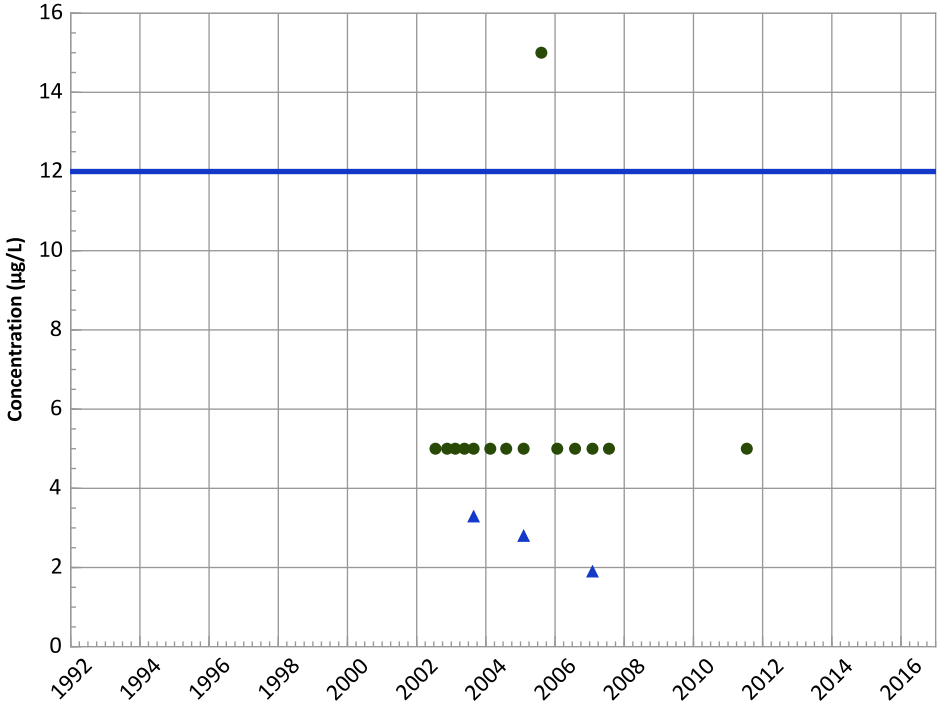


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

Arsenic Trend



Concentration Trend

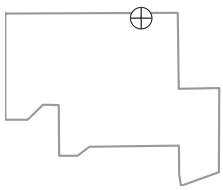
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

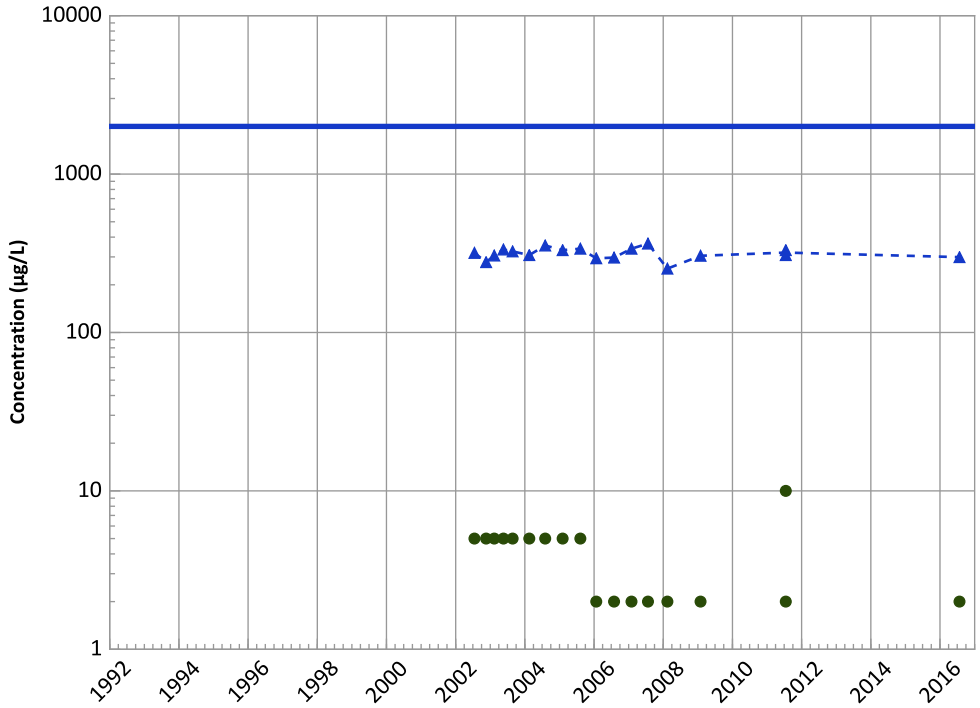
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1080 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

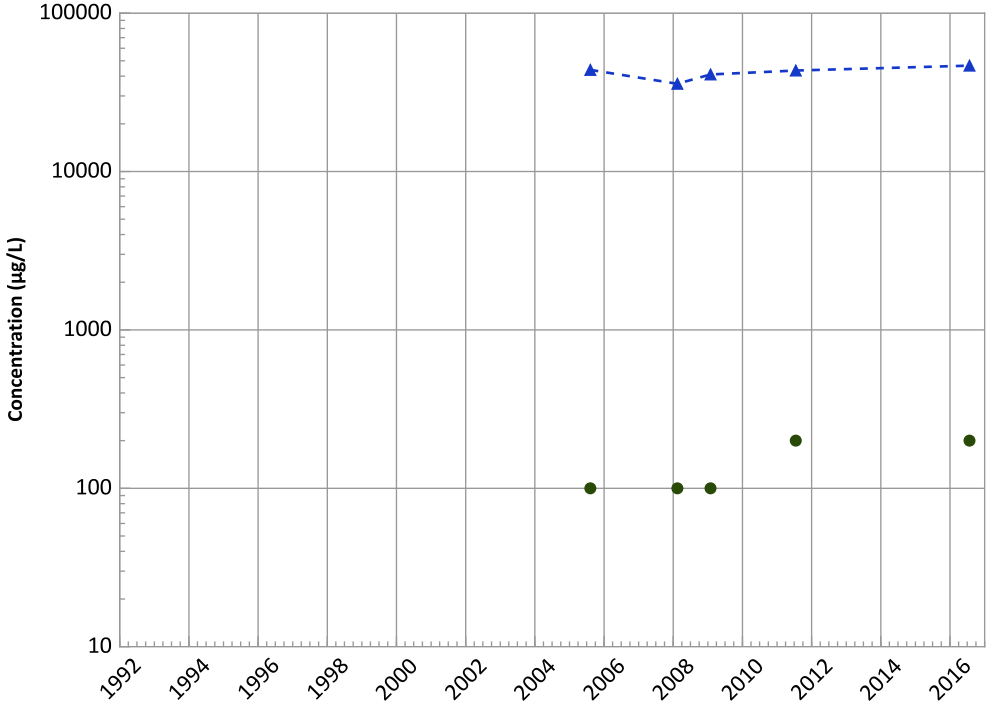


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Calcium Trend



Concentration Trend

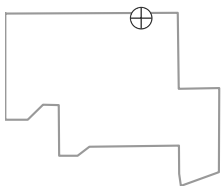
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

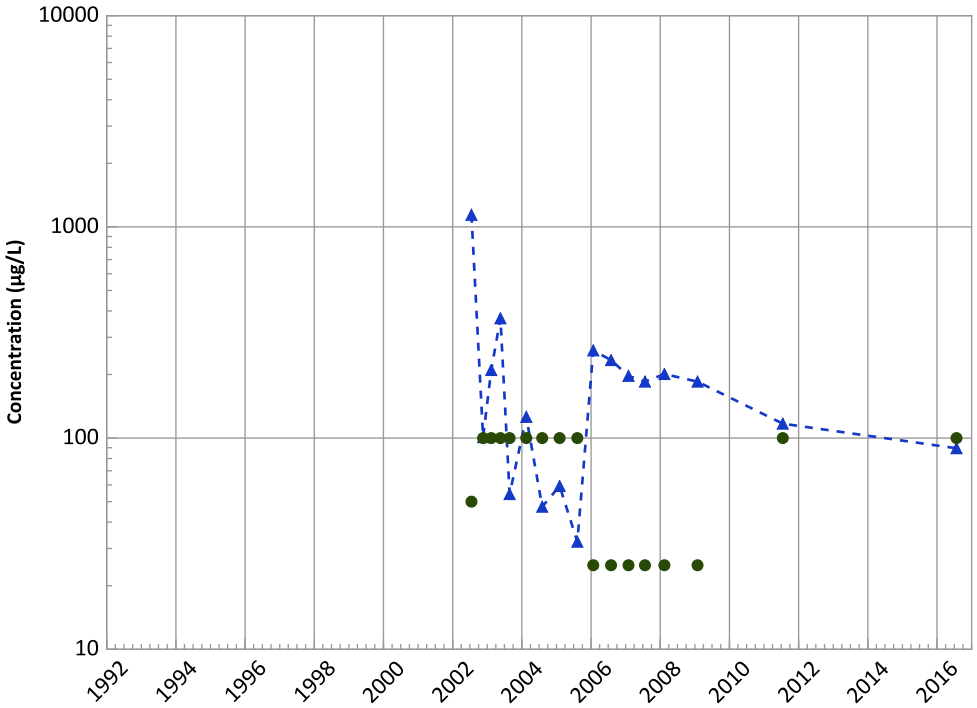
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1080 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

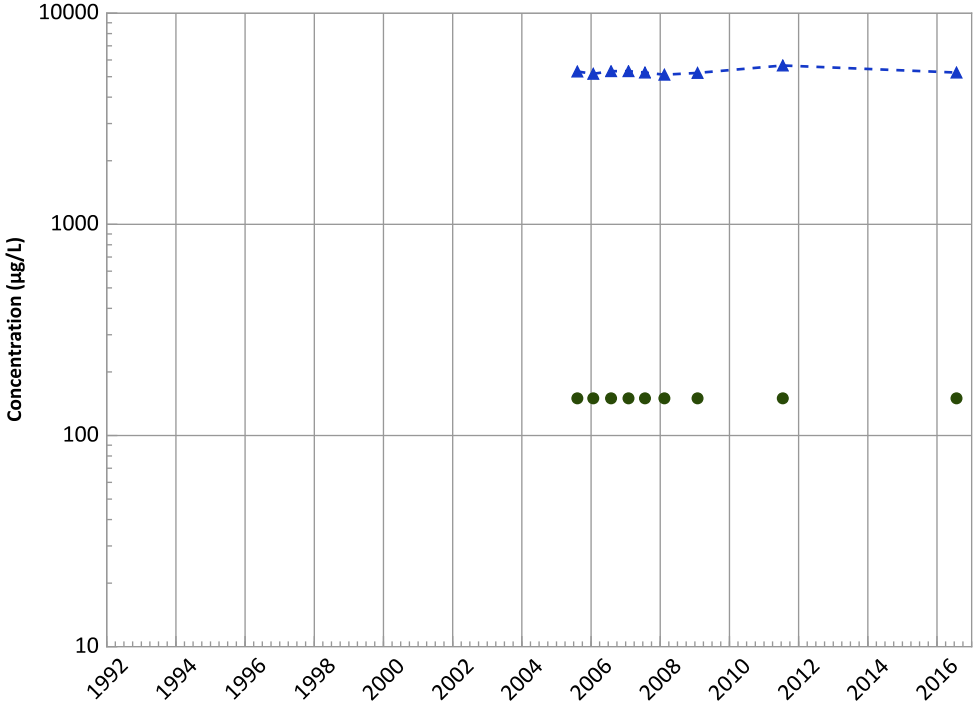


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Potassium Trend



Concentration Trend

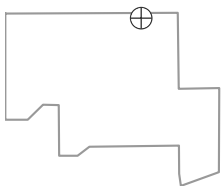
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

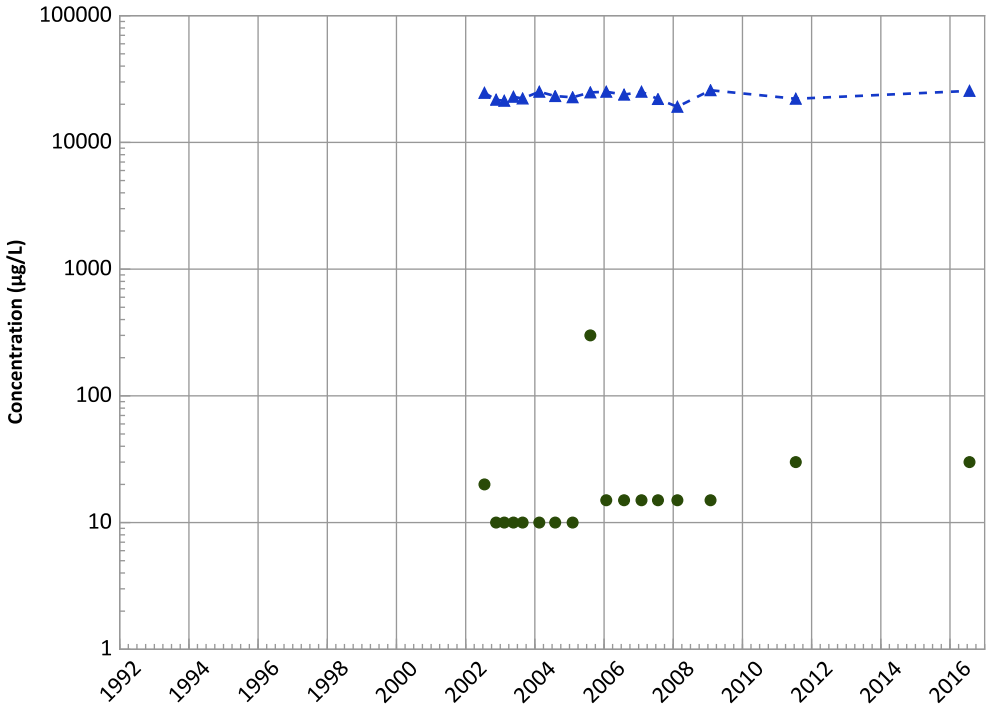
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1080 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

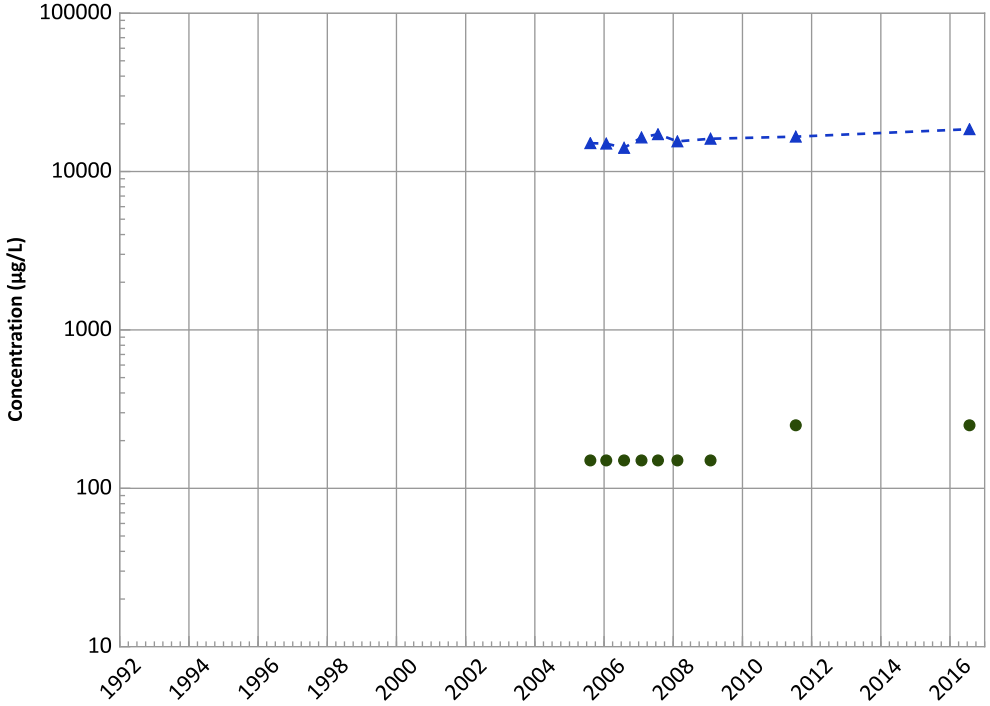


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Sodium Trend



Concentration Trend

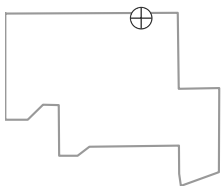
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

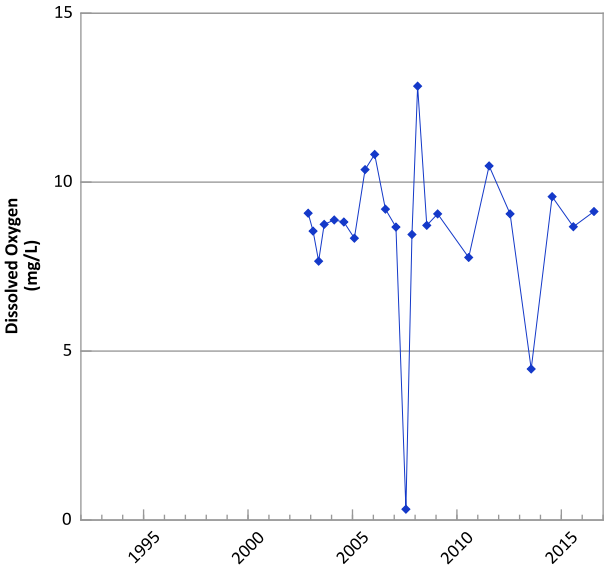
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

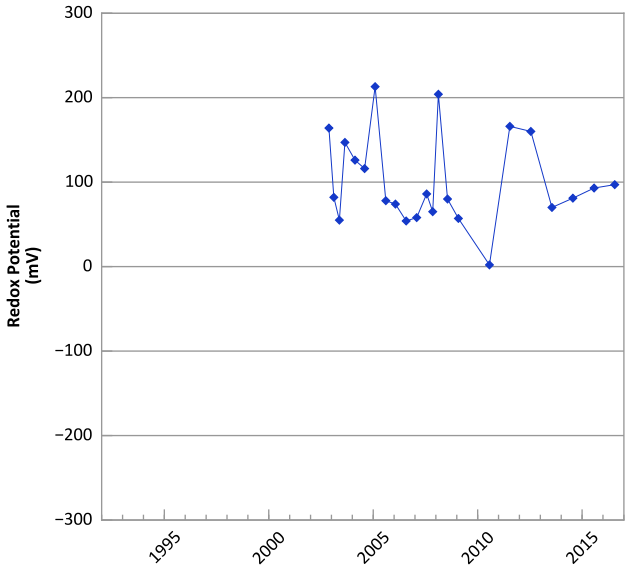
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

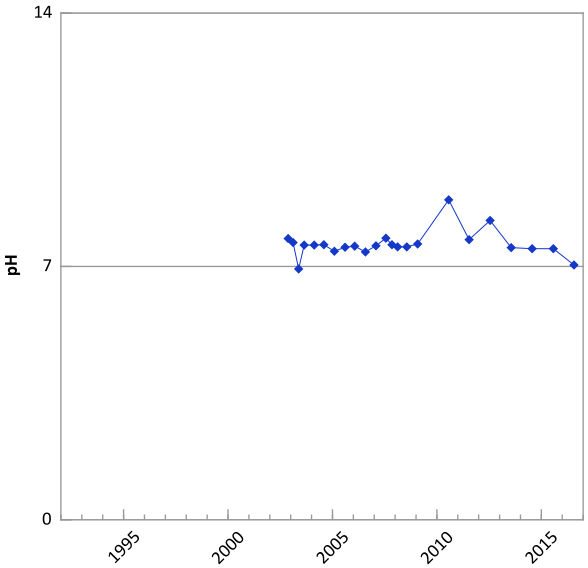
Well Location

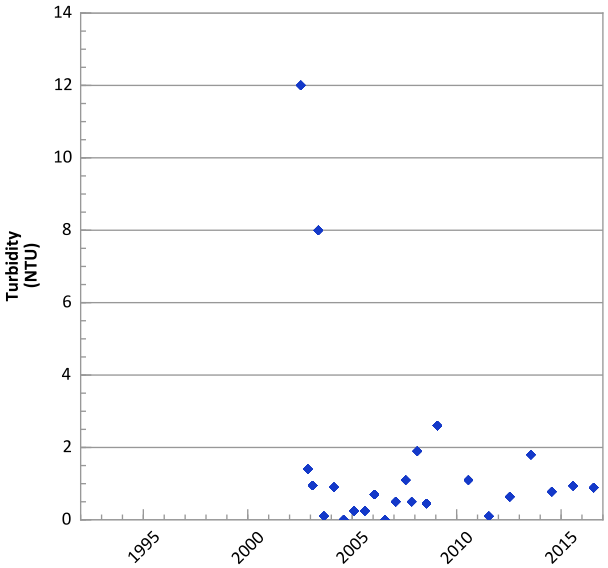


PTX06-1081 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



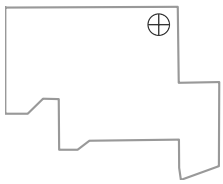






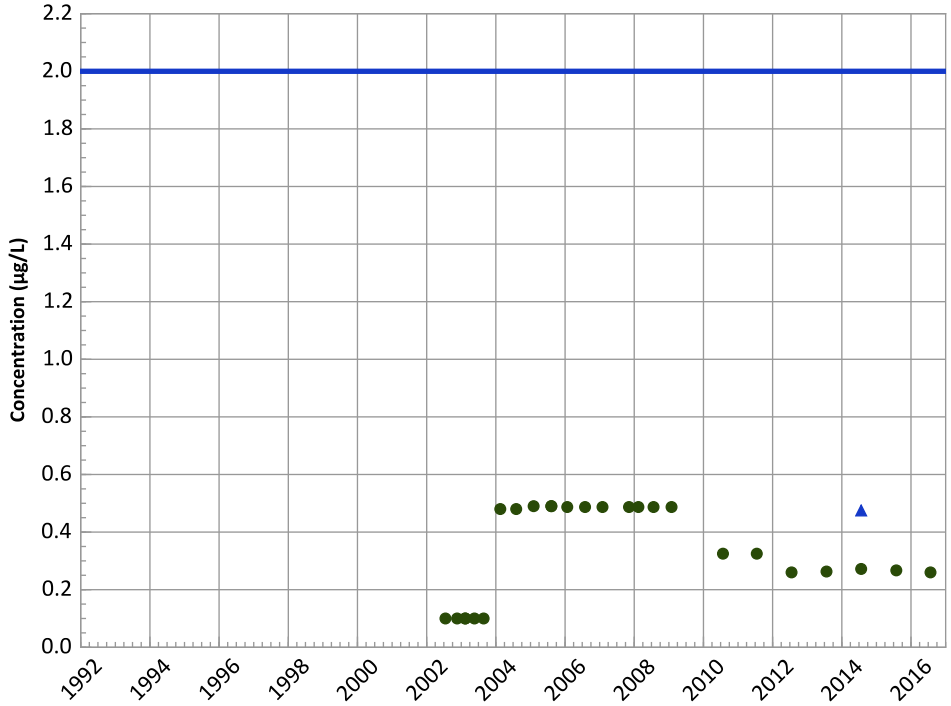
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1081 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

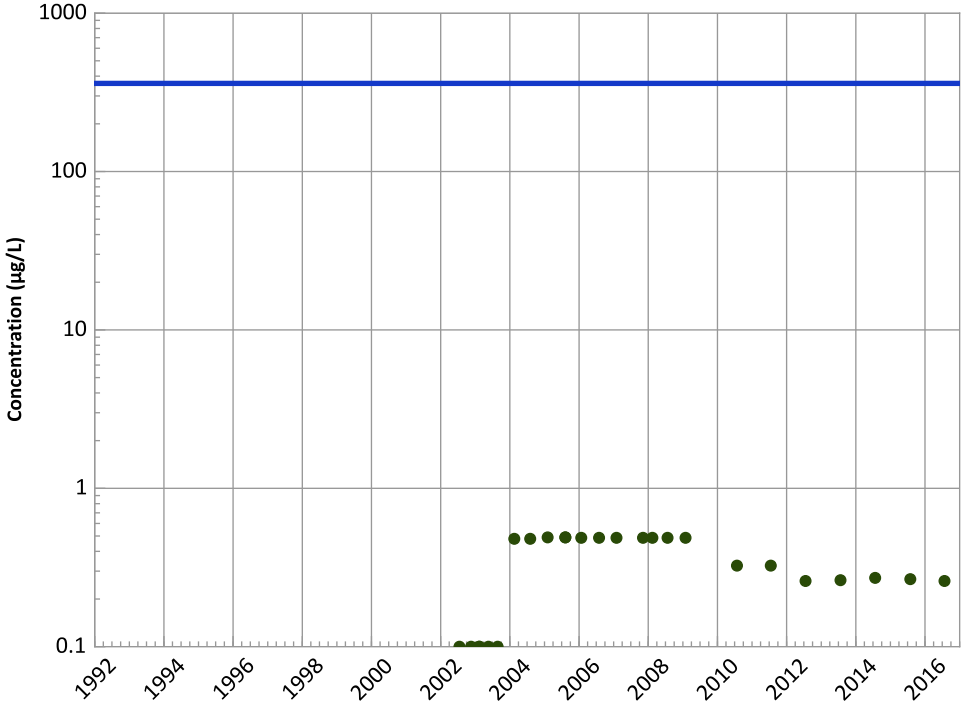


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

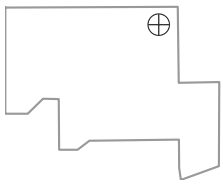
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

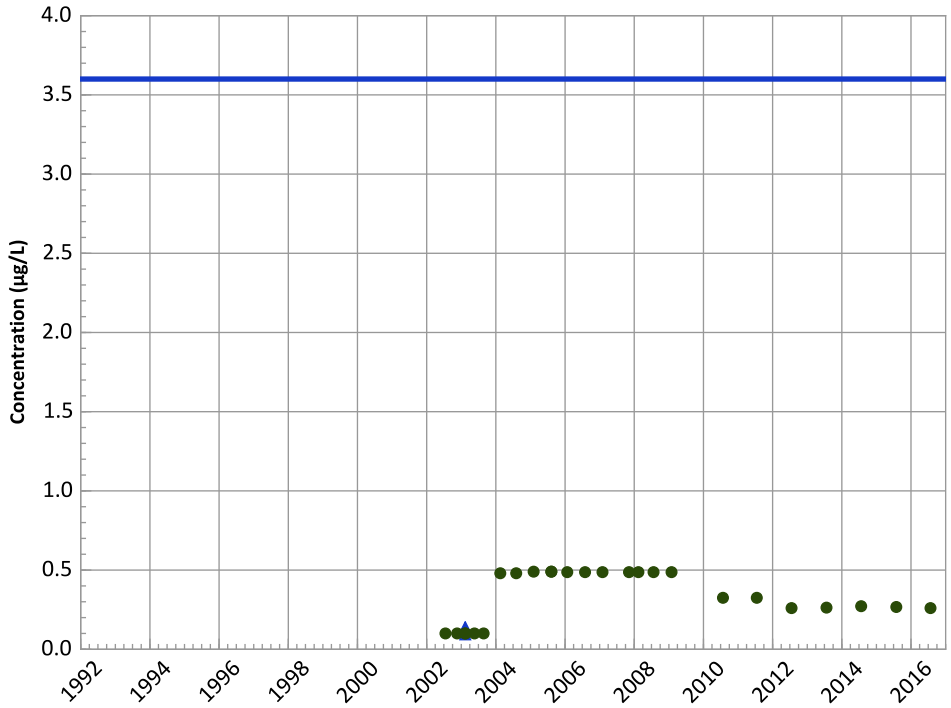
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1081 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

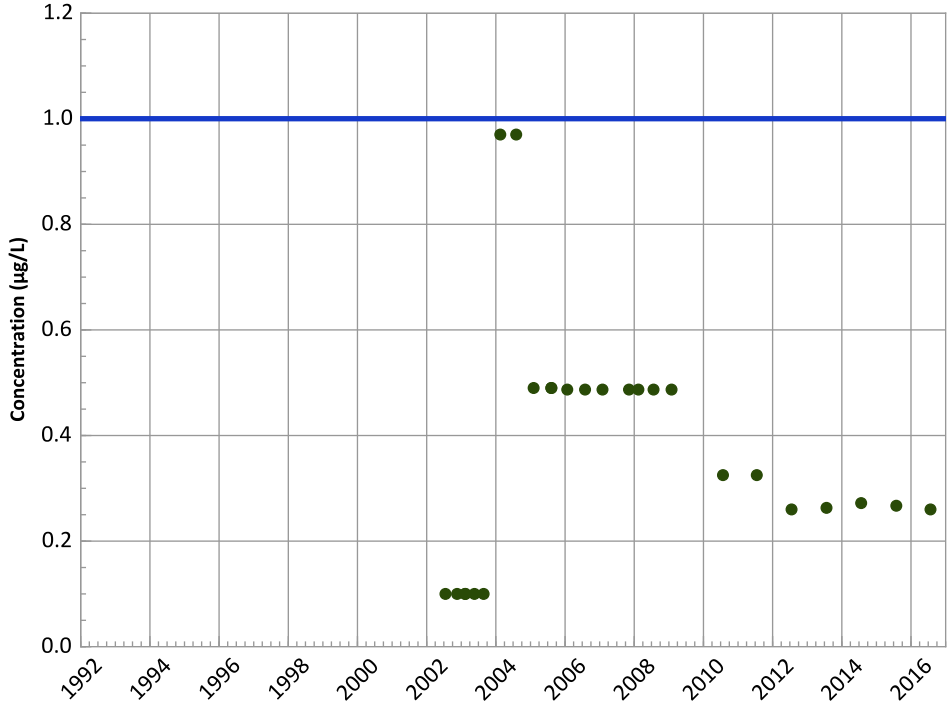


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

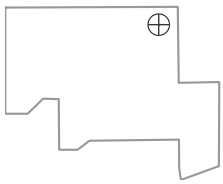
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

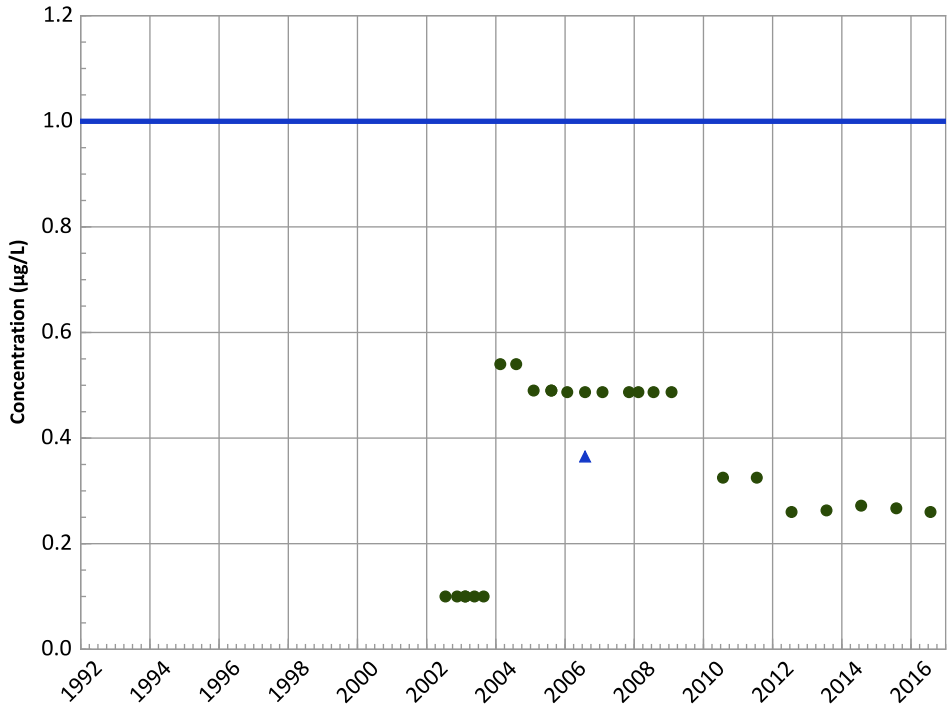
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1081 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

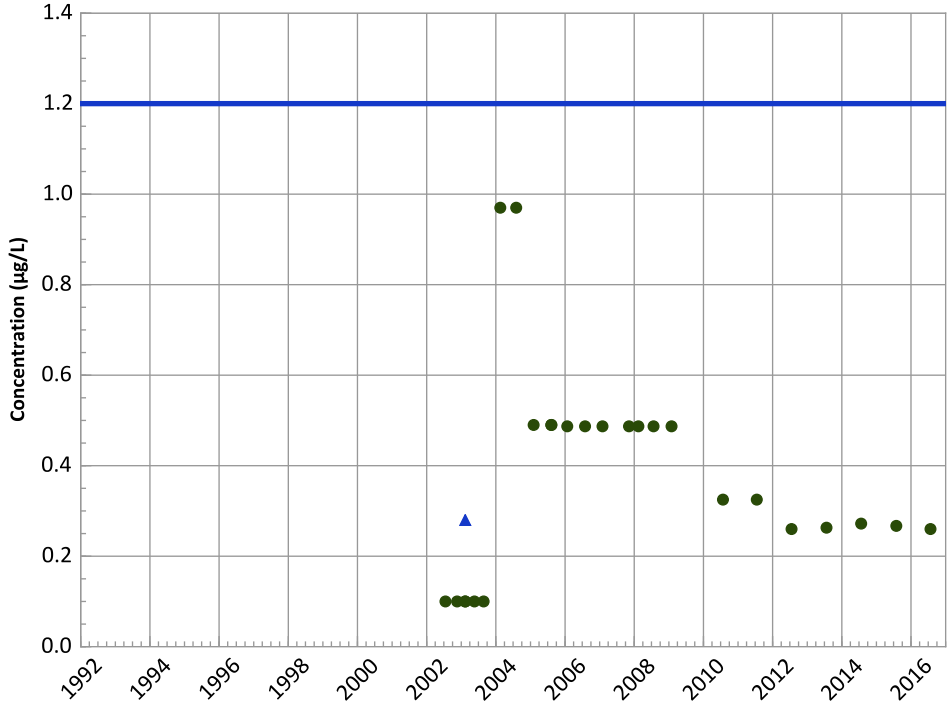


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

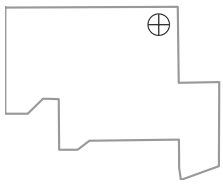
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

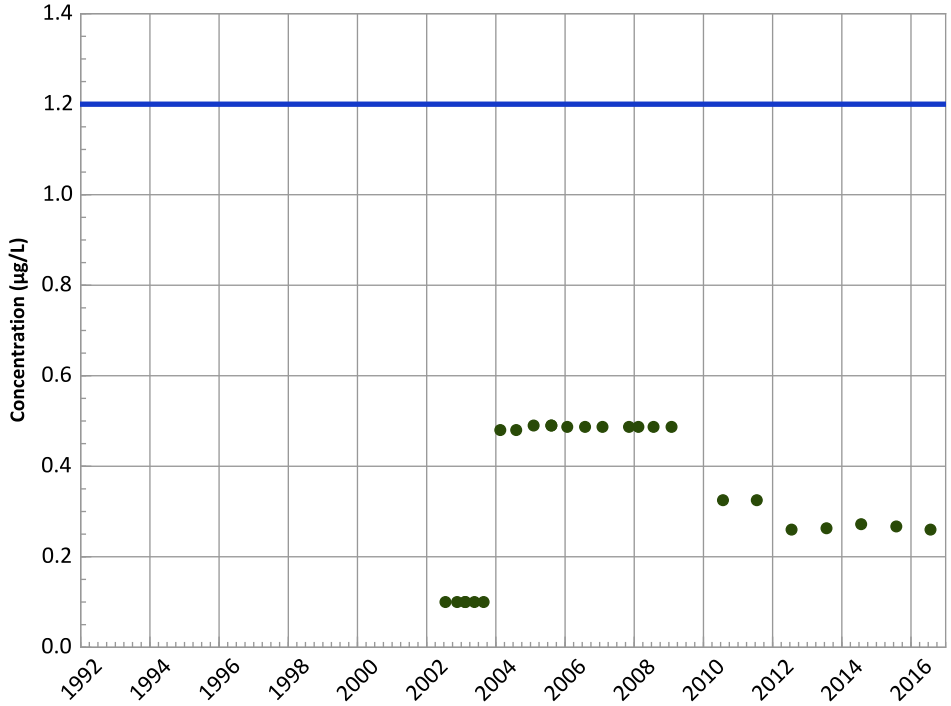
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1081 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

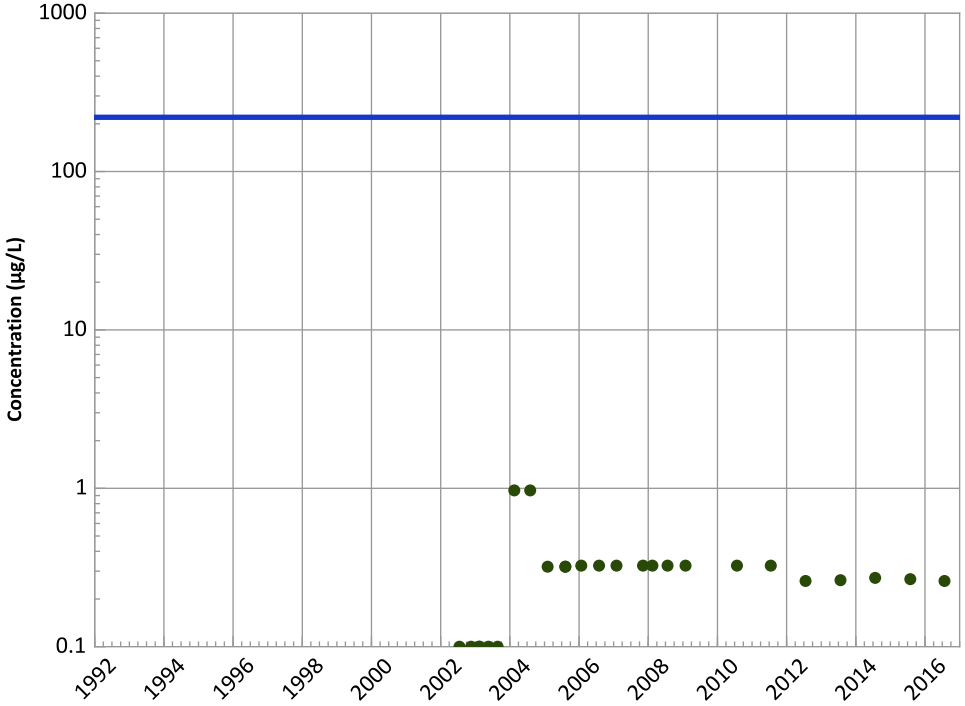


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

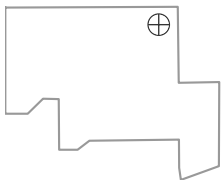
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

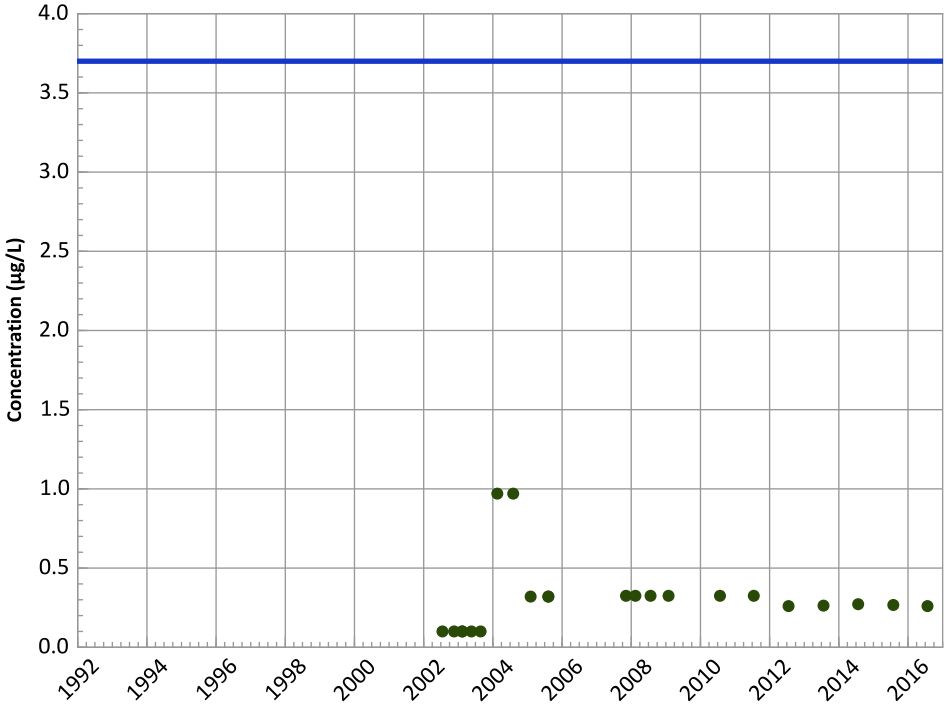
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1081 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

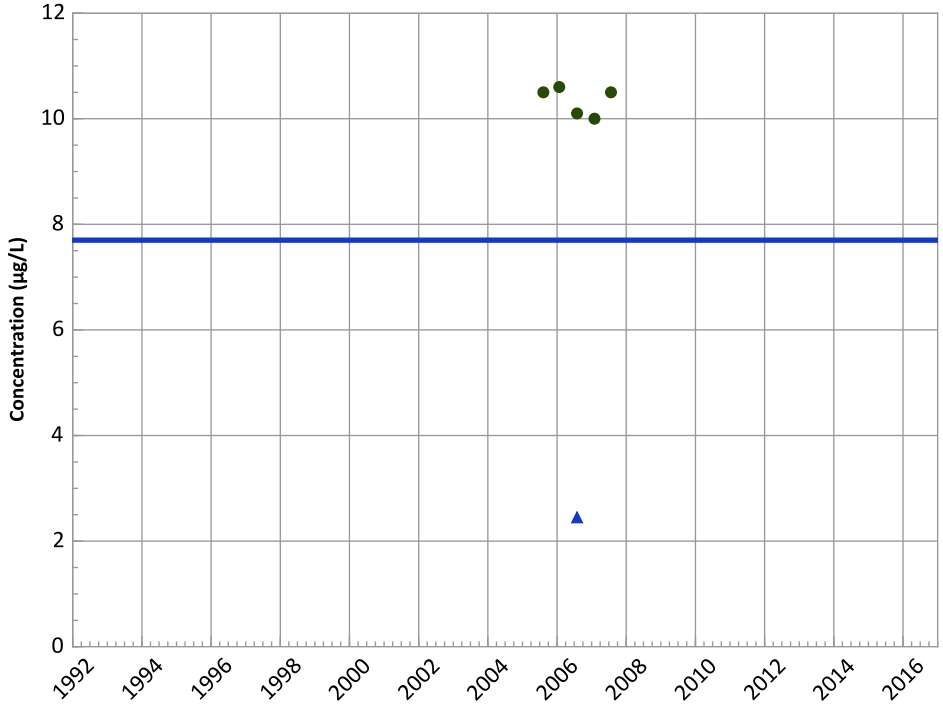


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

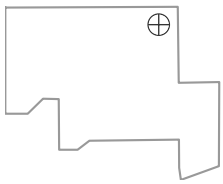
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

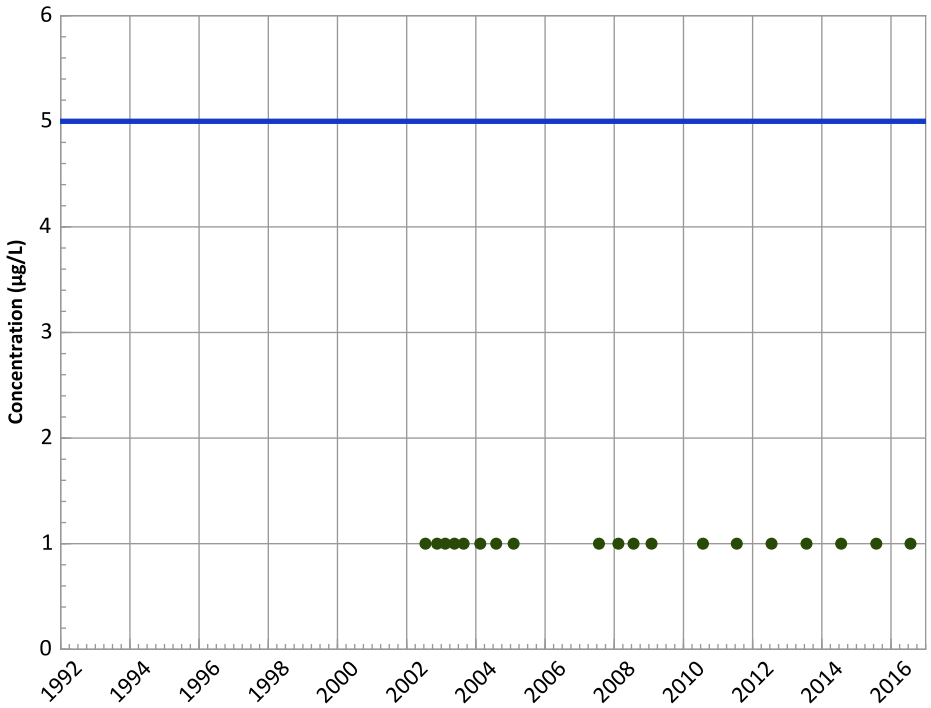
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1081 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

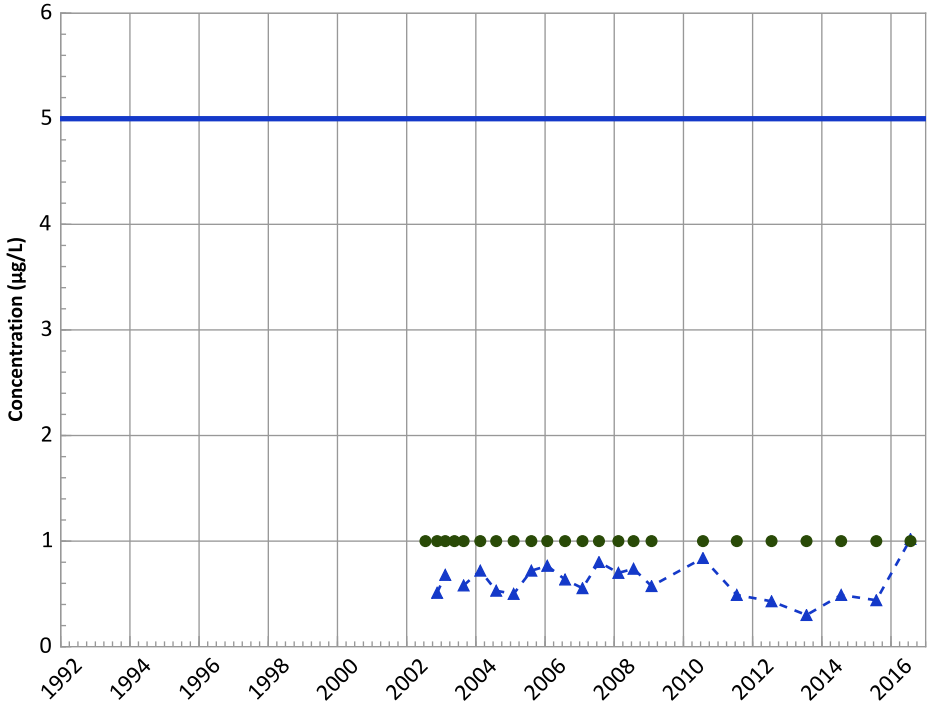


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

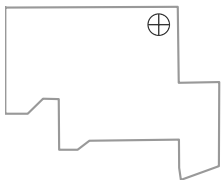
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

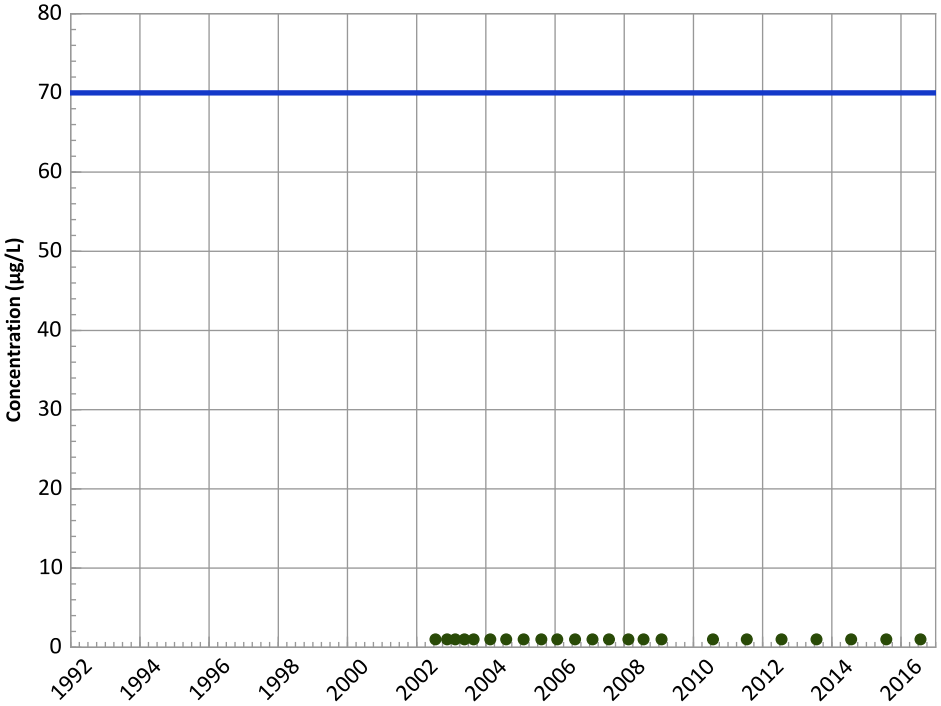
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1081 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

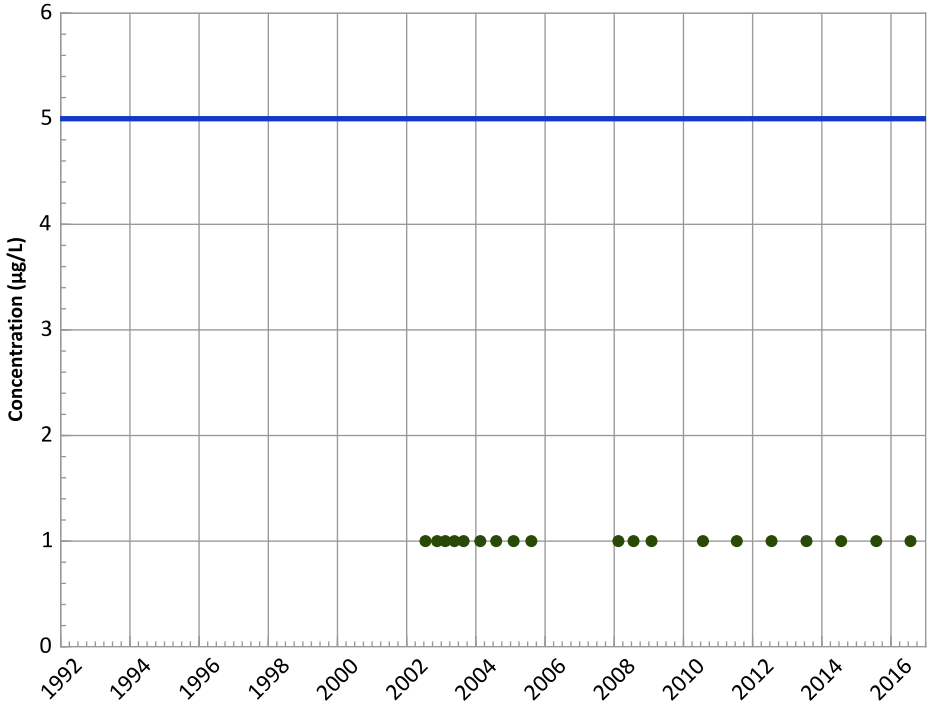


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

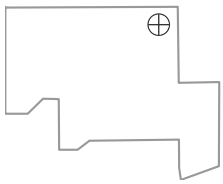
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

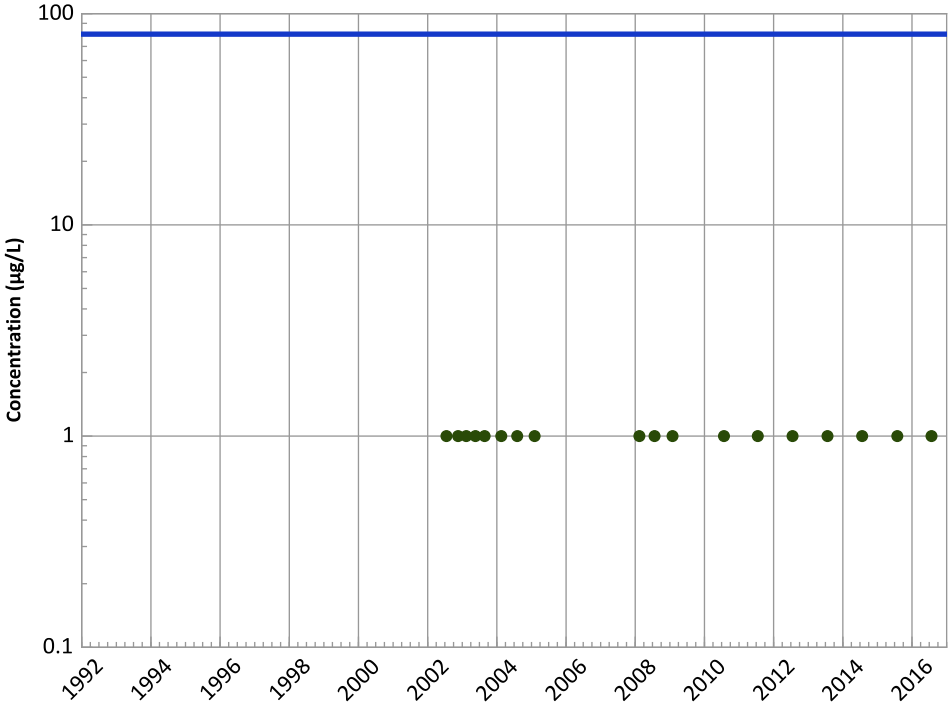
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1081 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

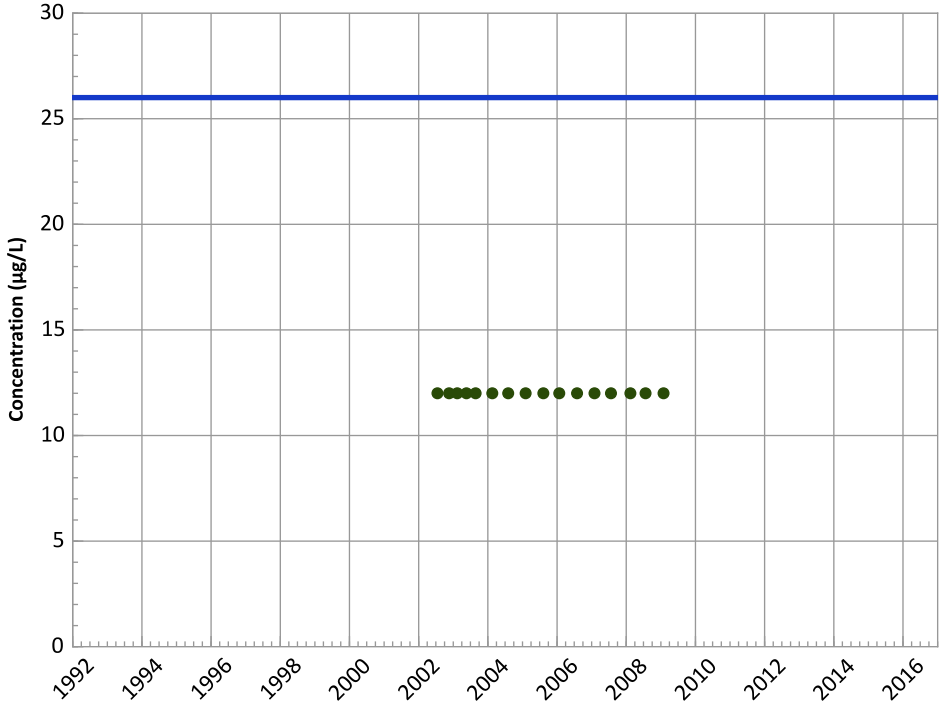


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

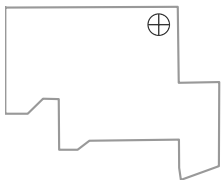
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

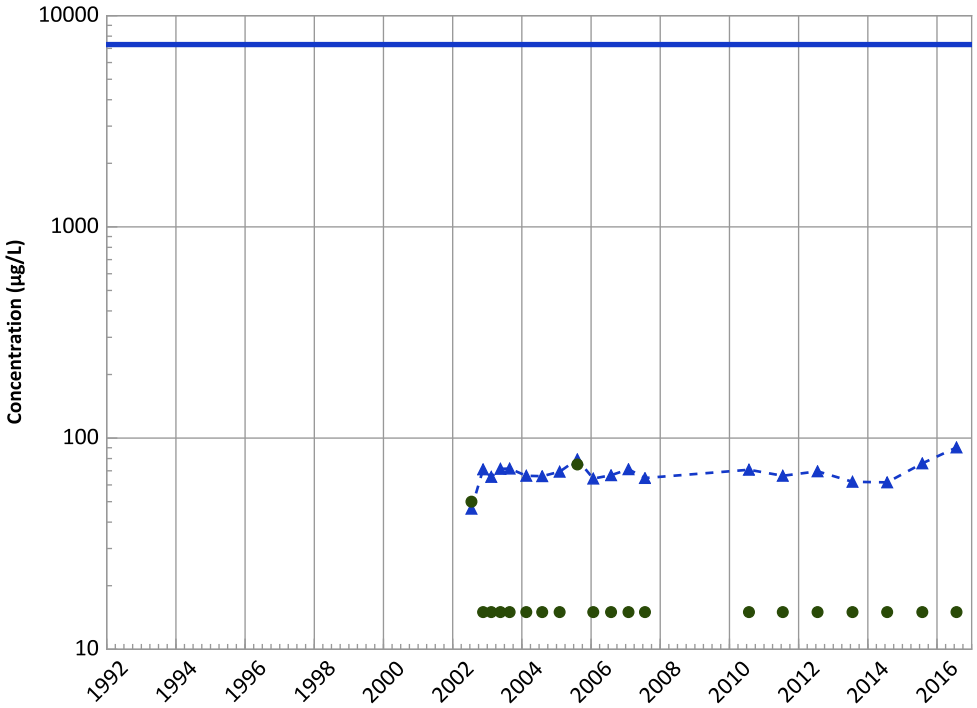
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1081 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

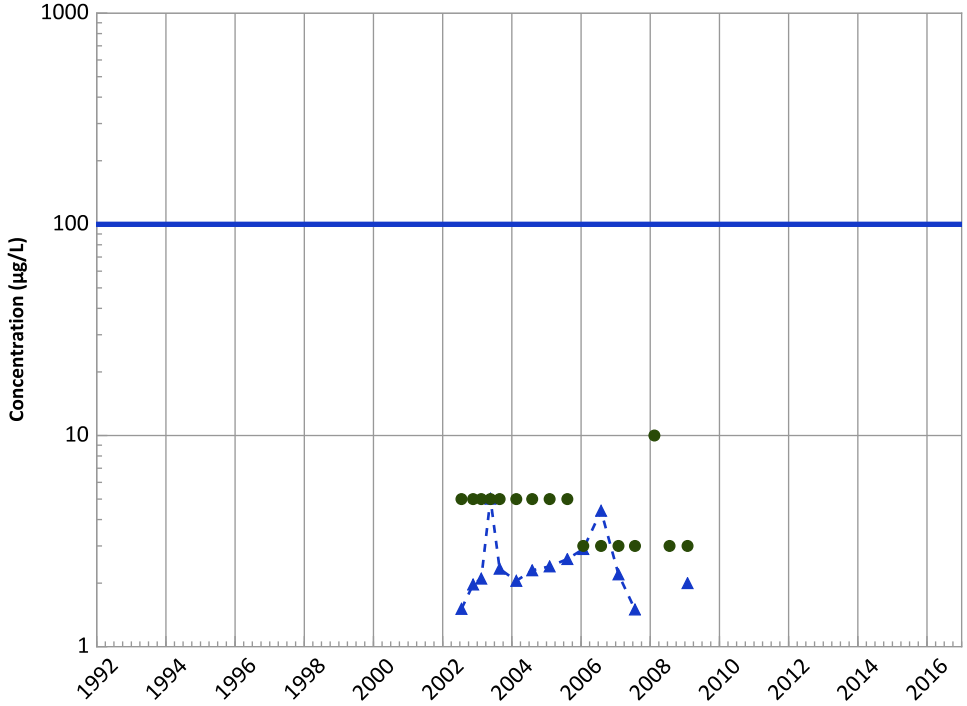


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

Chromium, Total Trend



Concentration Trend

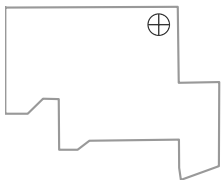
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

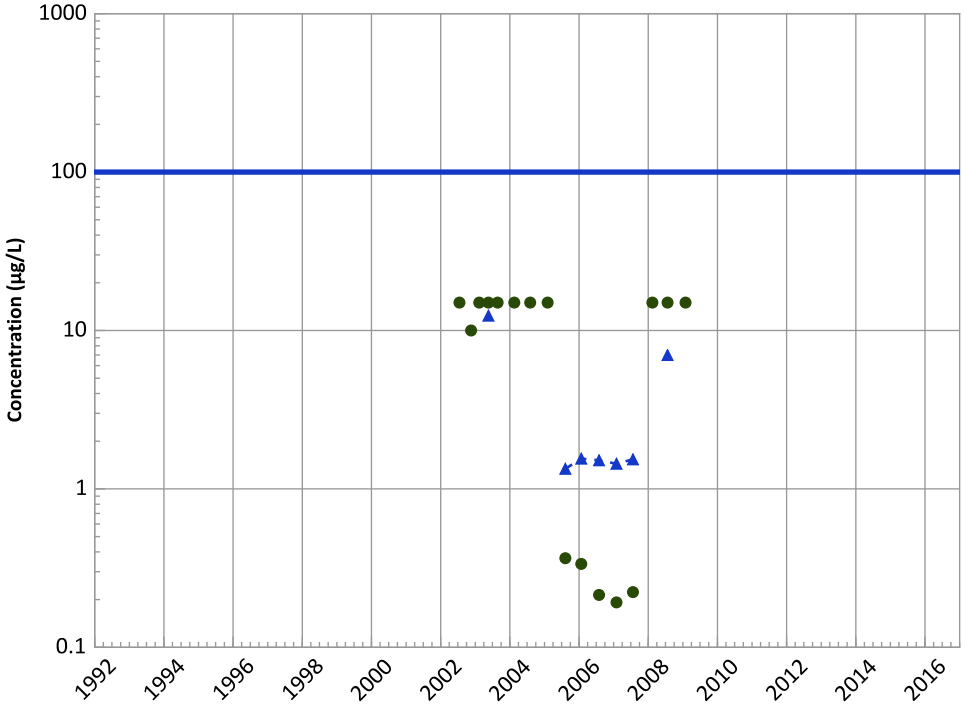
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1081 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

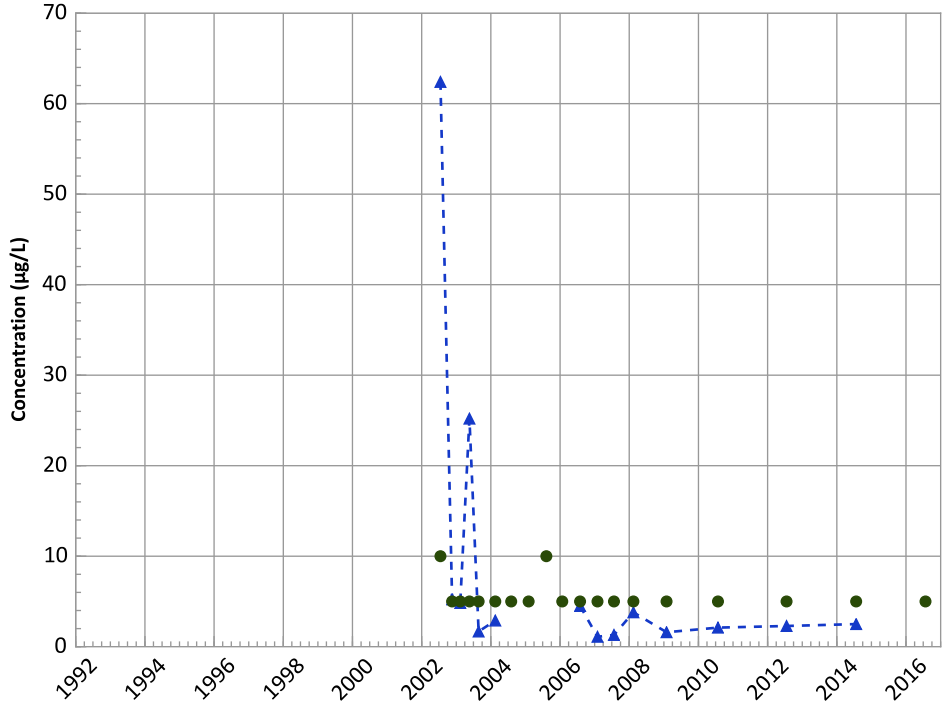


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Manganese Trend



Concentration Trend

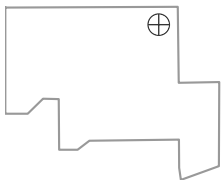
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

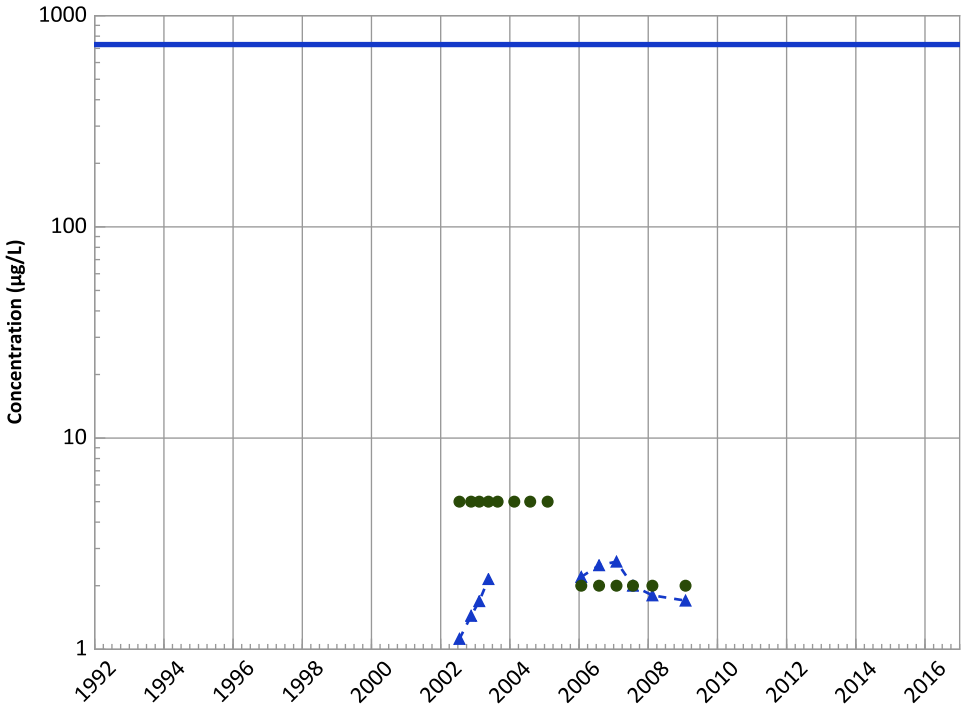
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1081 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

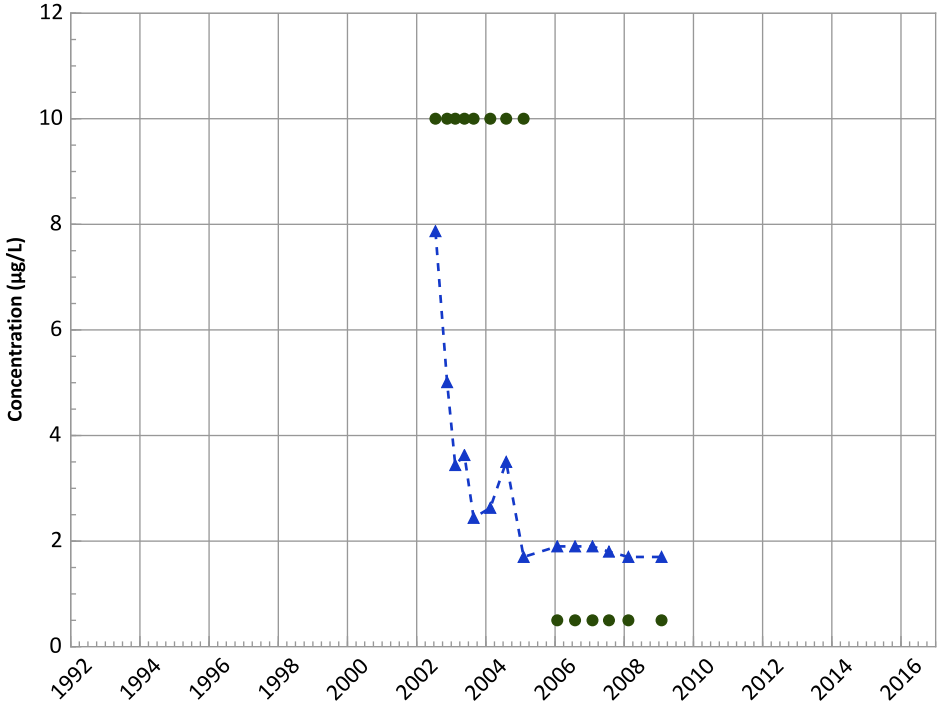


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Increasing

Molybdenum Trend



Concentration Trend

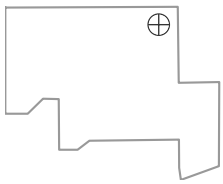
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

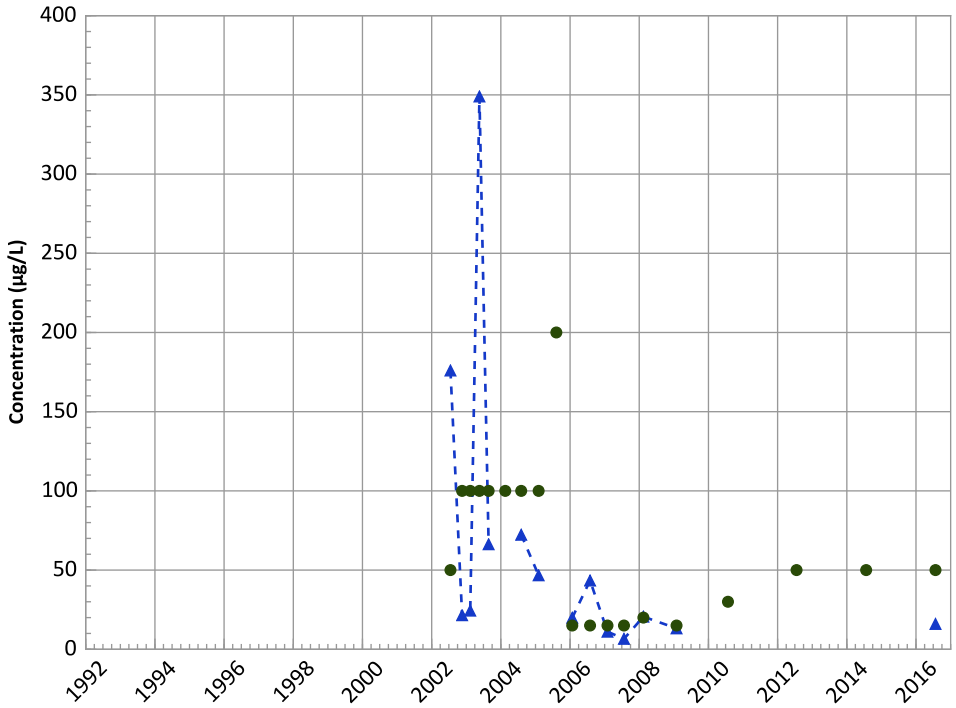
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1081 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

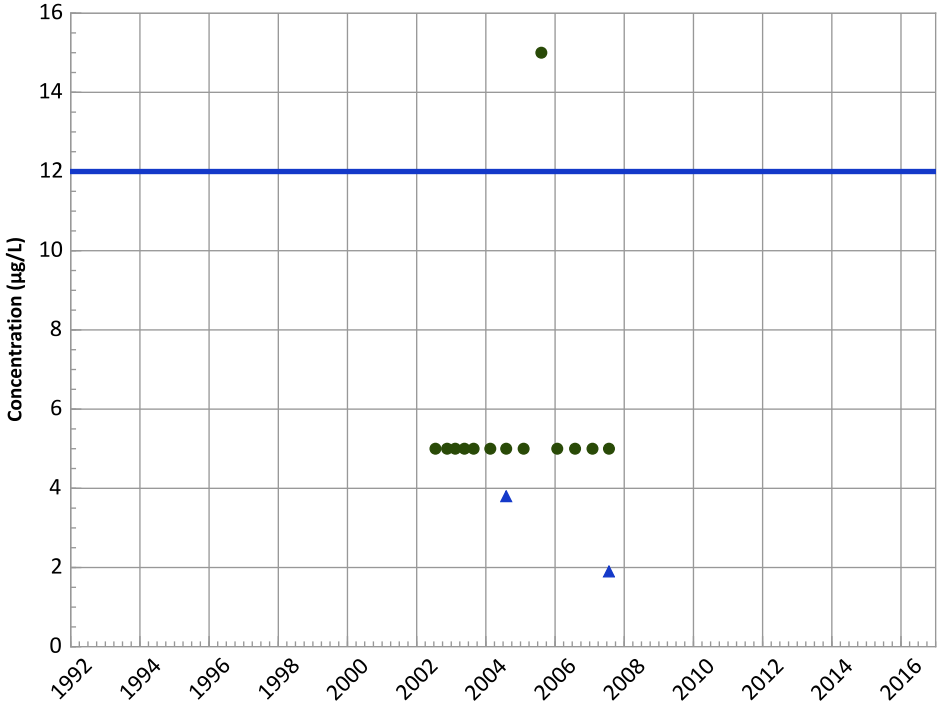


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Arsenic Trend



Concentration Trend

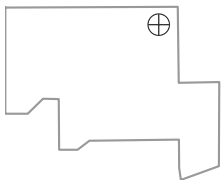
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

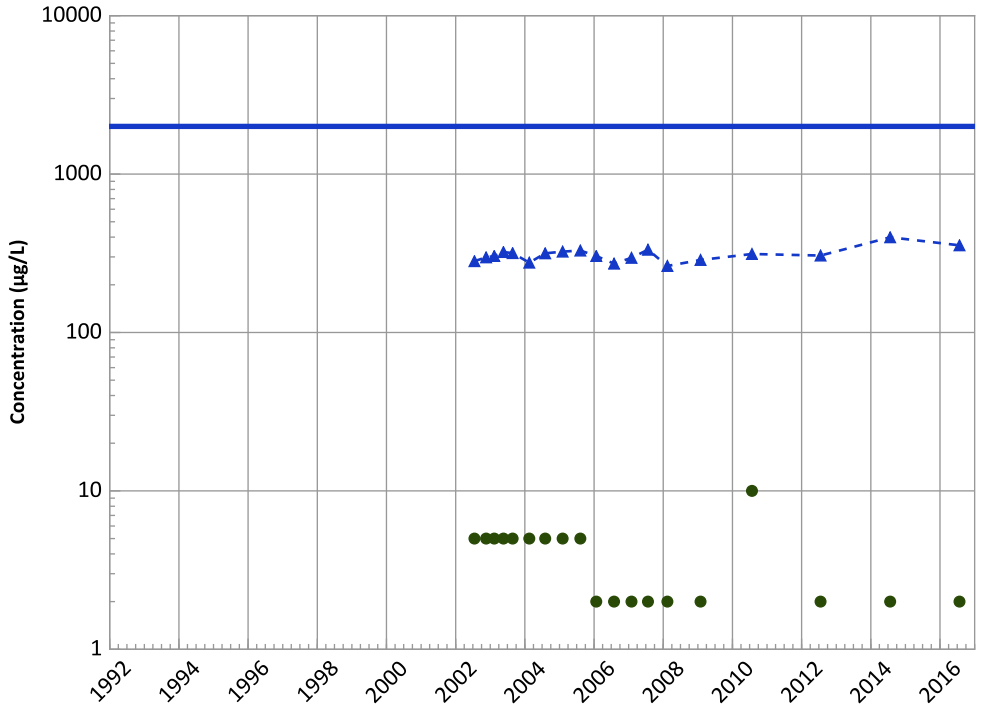
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1081 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

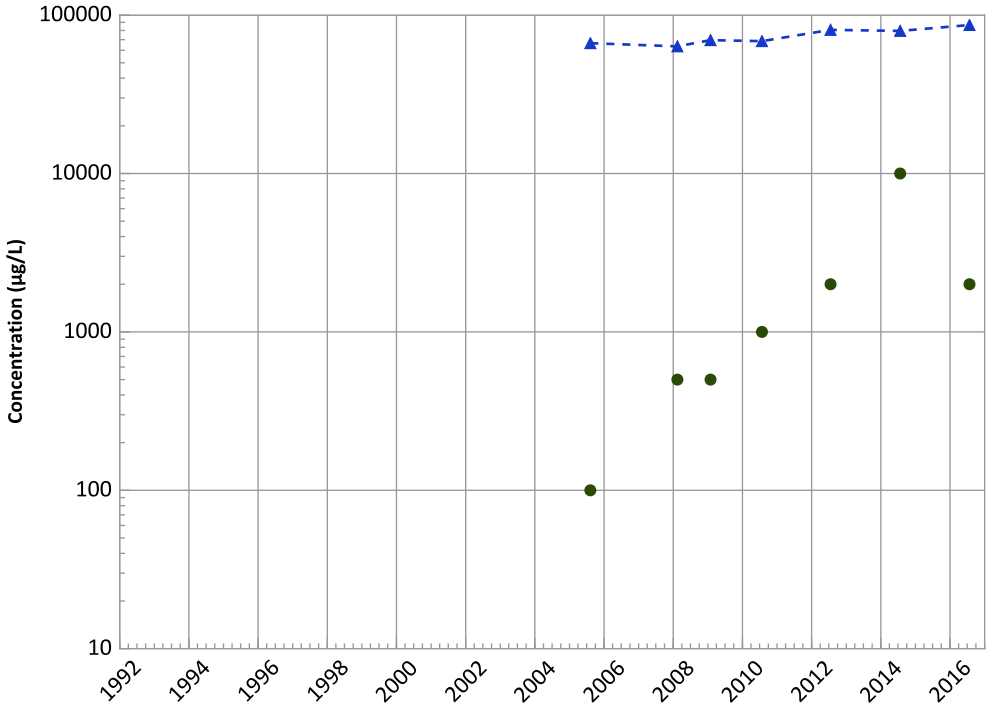


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Calcium Trend



Concentration Trend

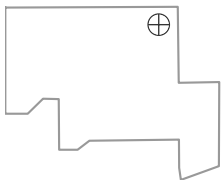
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

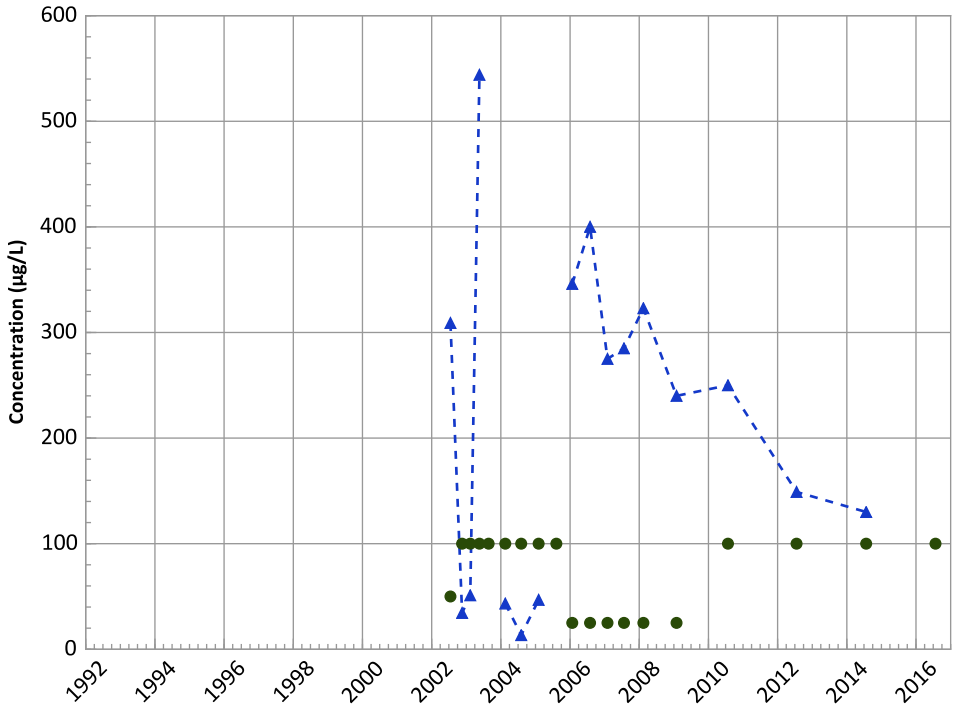
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1081 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

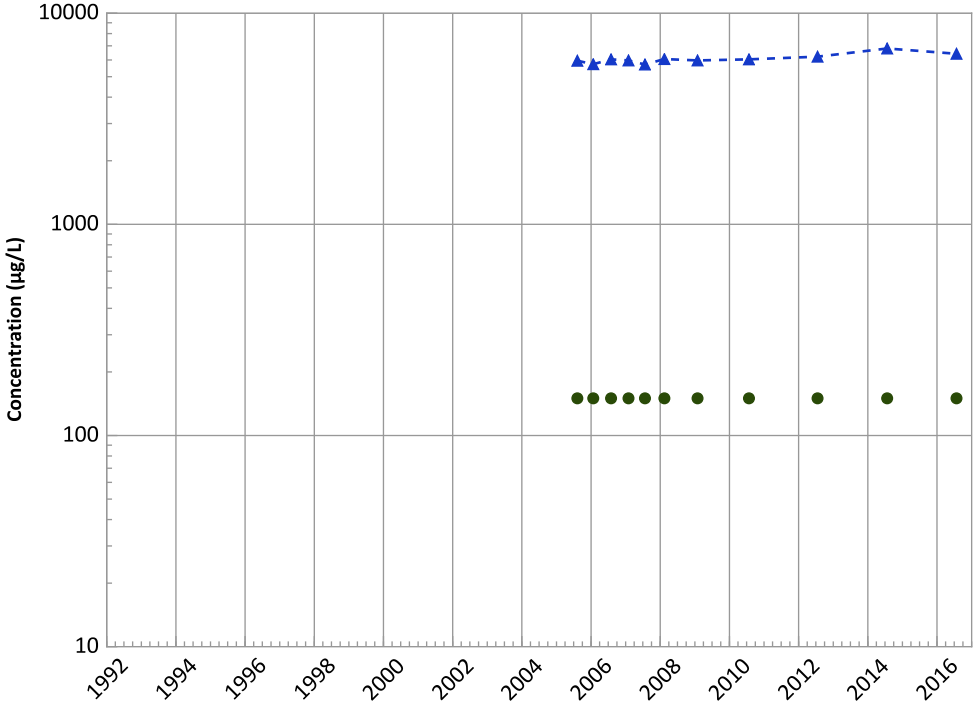


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Potassium Trend



Concentration Trend

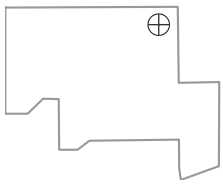
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

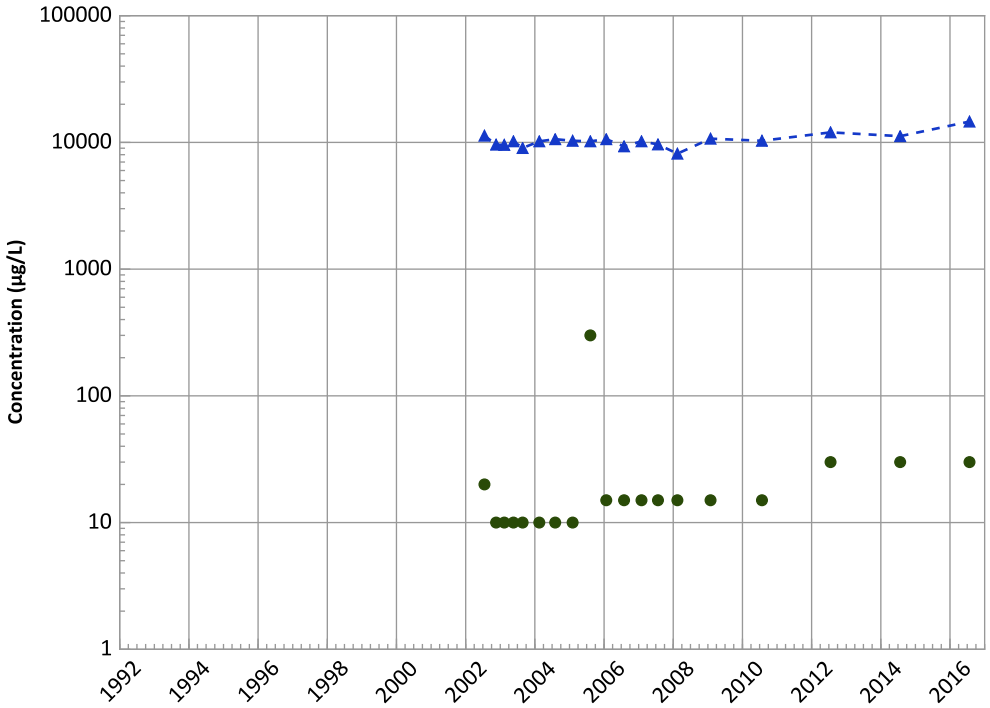
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1081 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

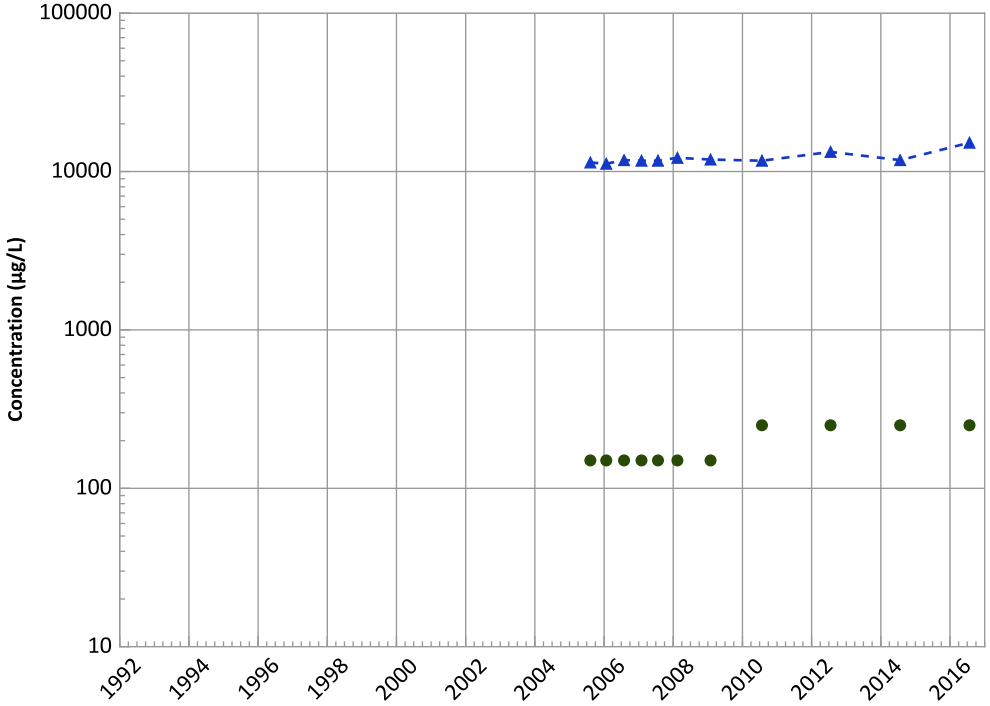


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

Sodium Trend



Concentration Trend

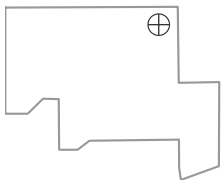
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

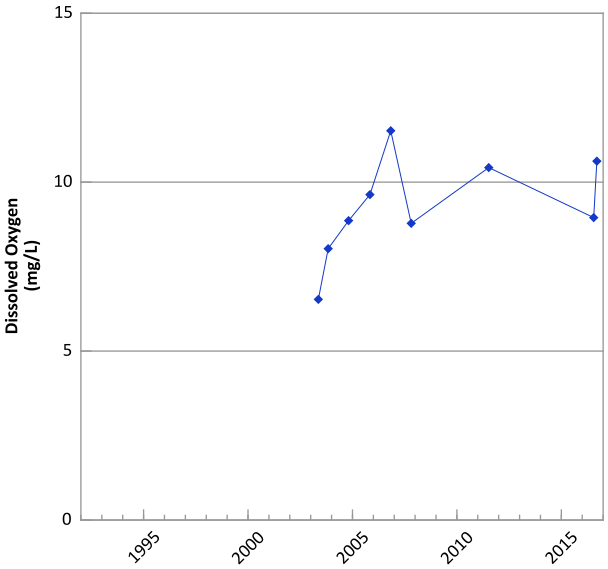
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/18/2002 to 07/25/2016
Analysis Date: 03/07/2017

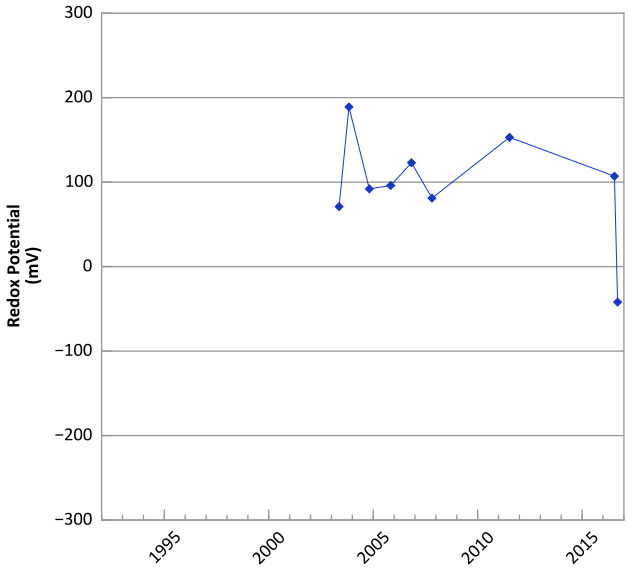
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

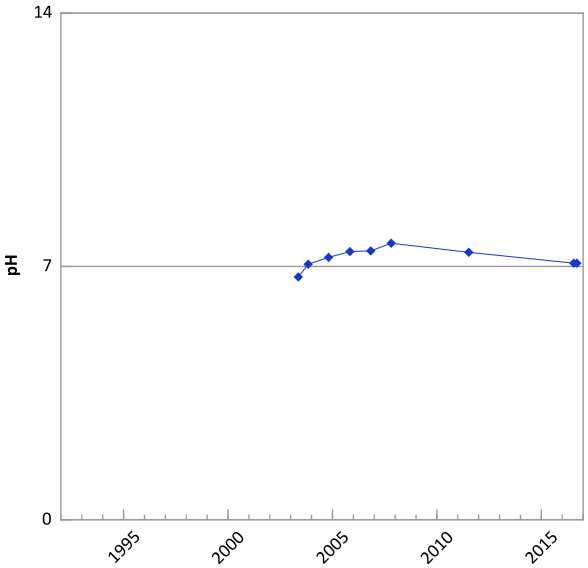
Well Location

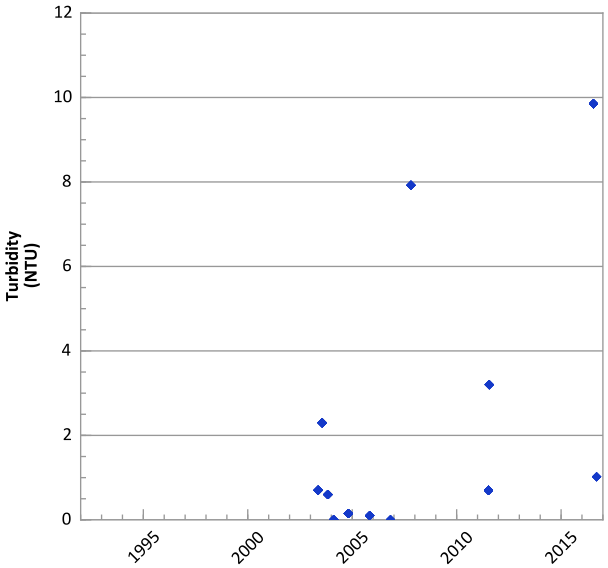


PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



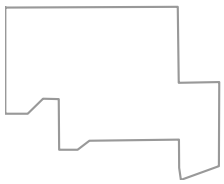






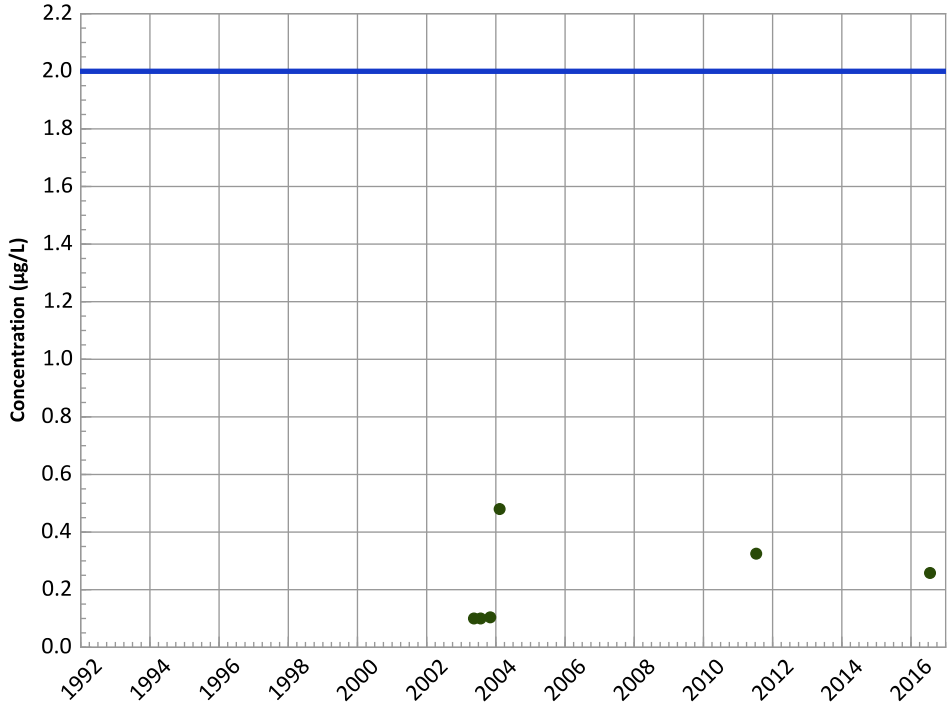
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

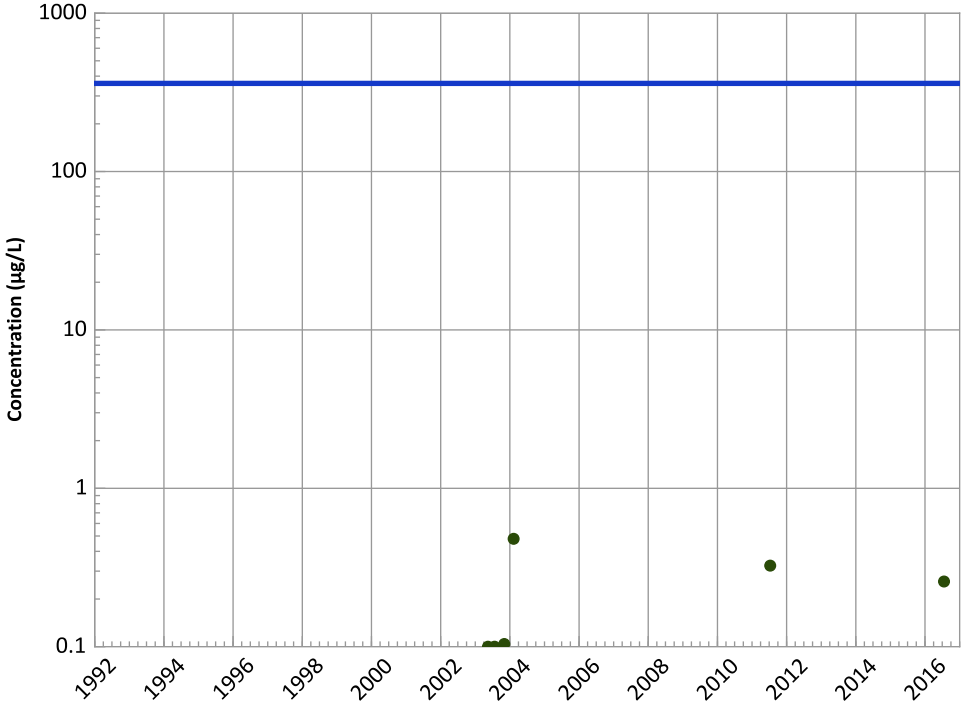


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

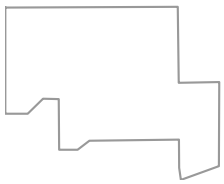
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

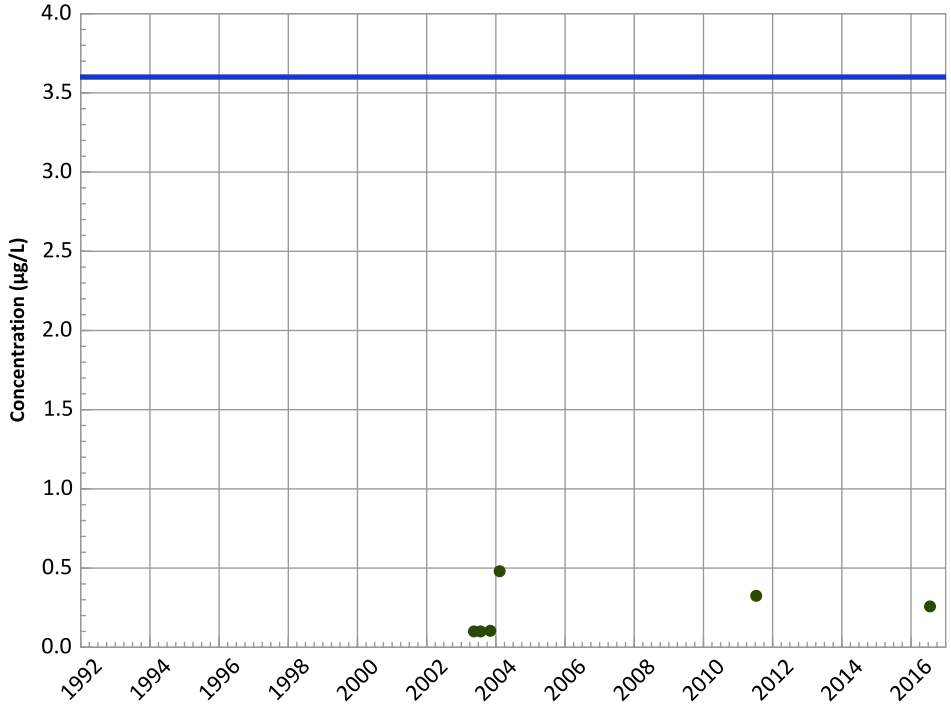
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

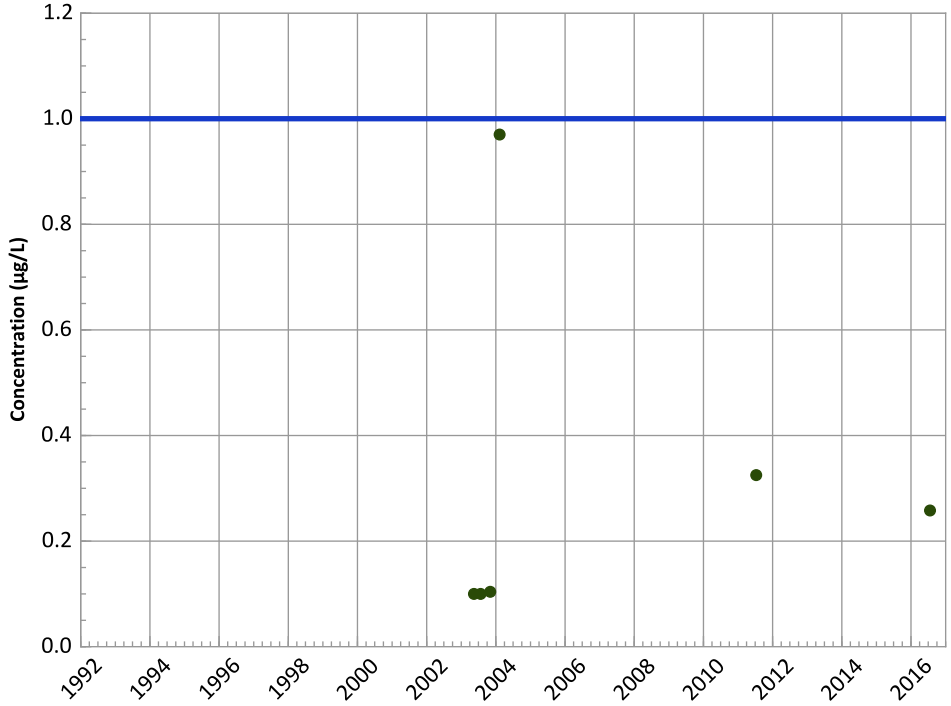


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

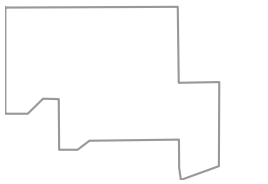
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

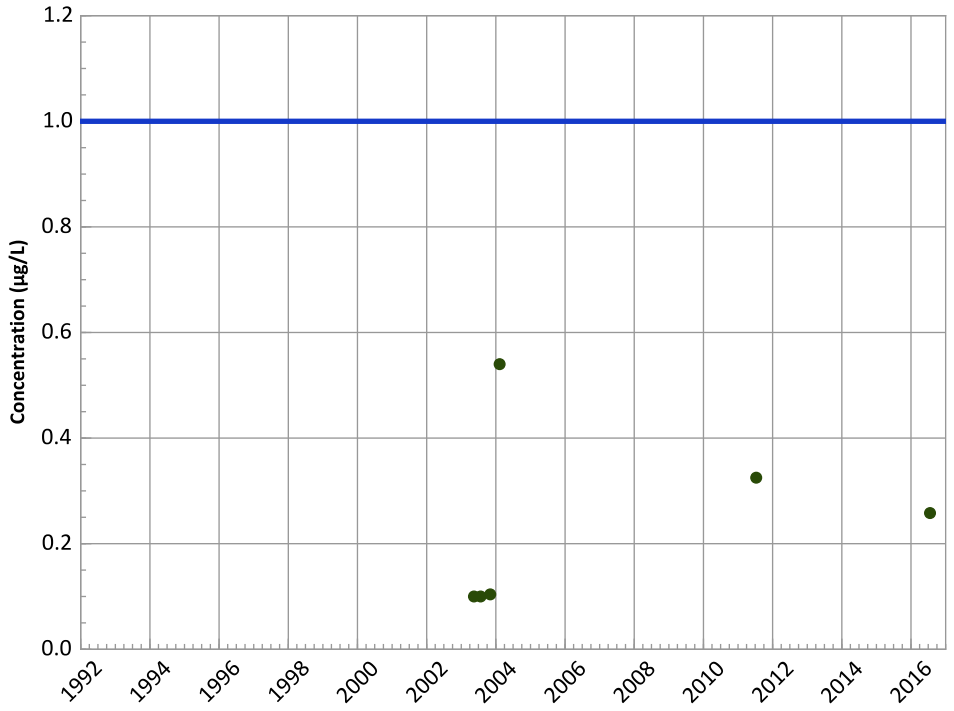
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

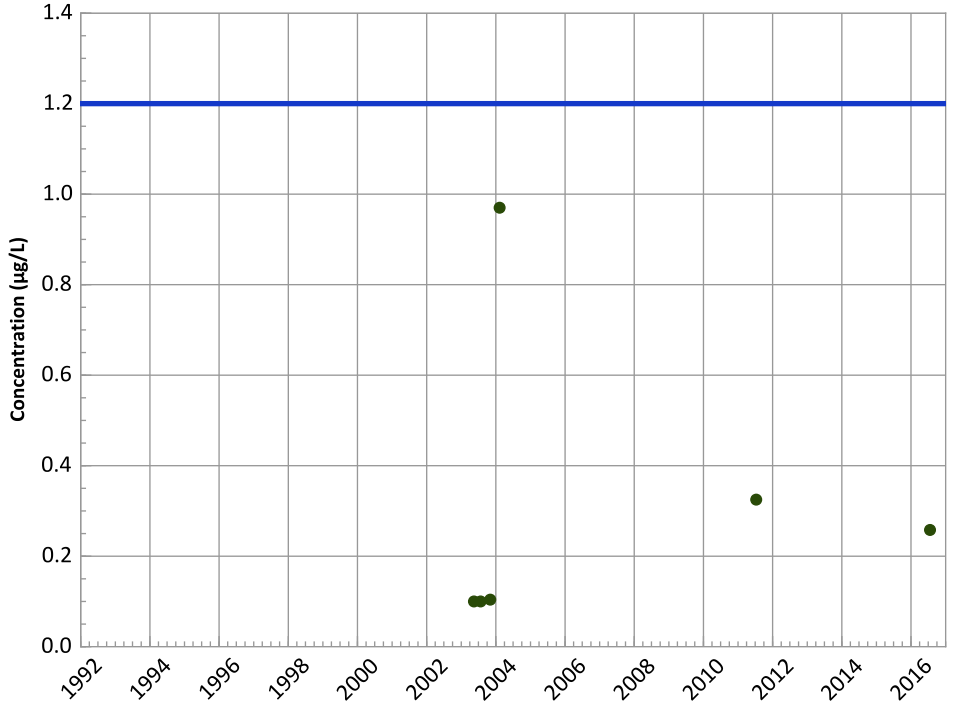


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

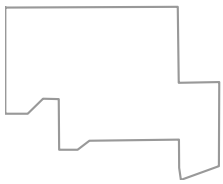
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

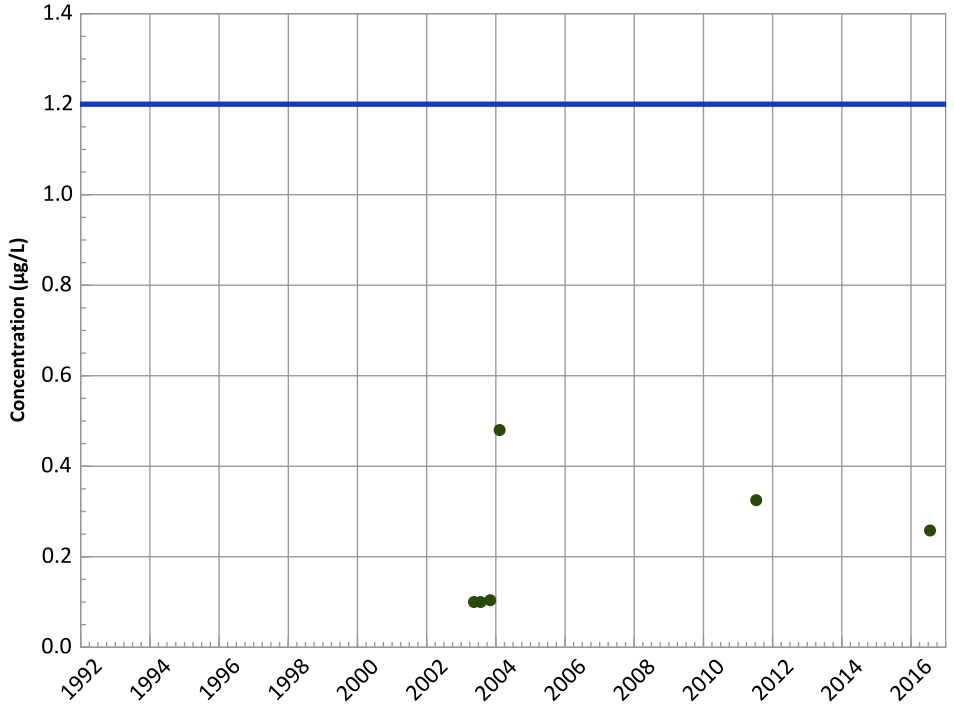
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

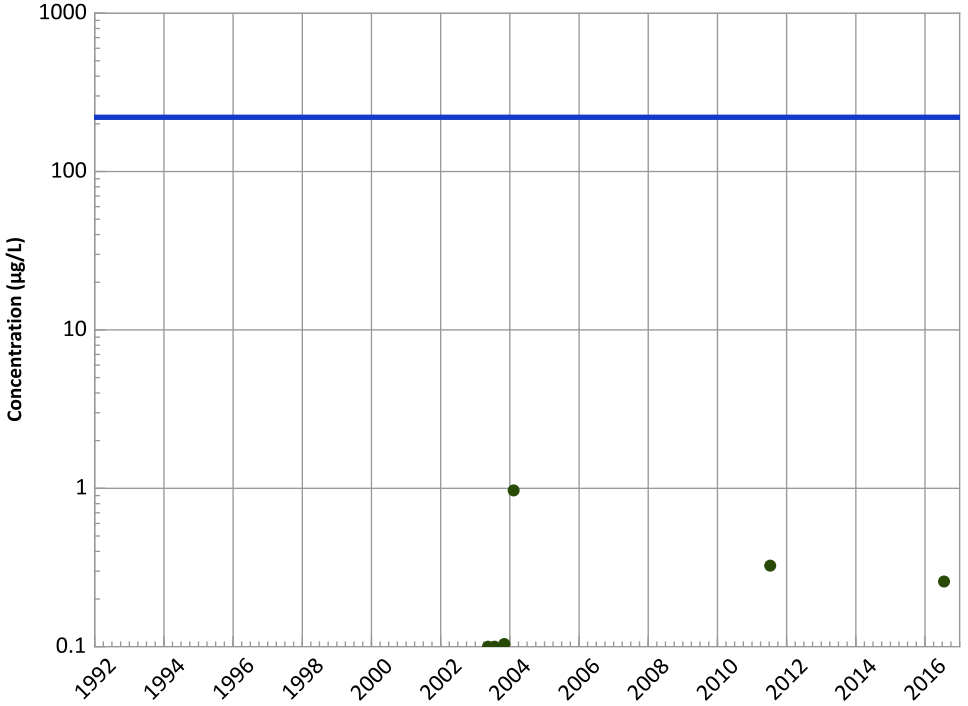


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

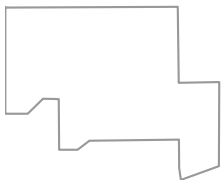
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

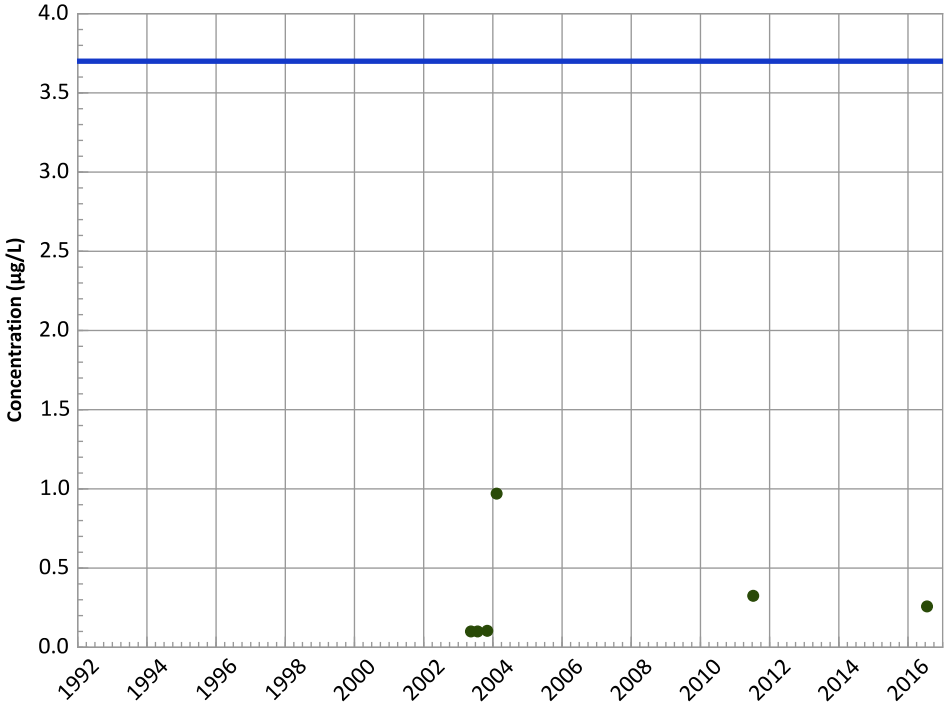
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

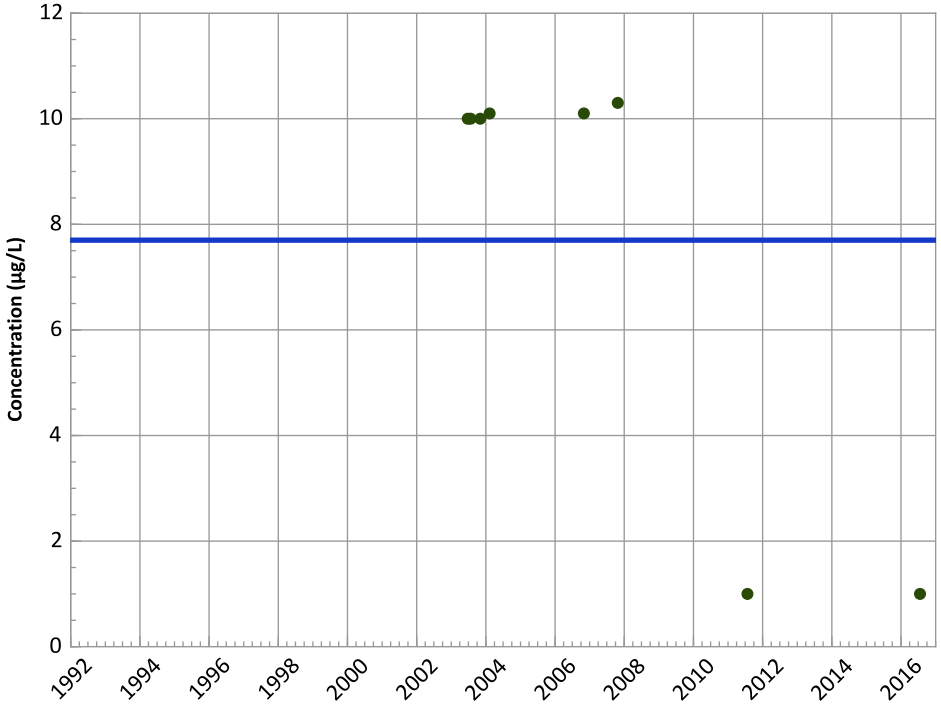


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

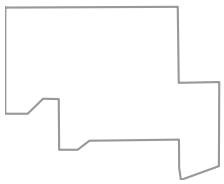
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

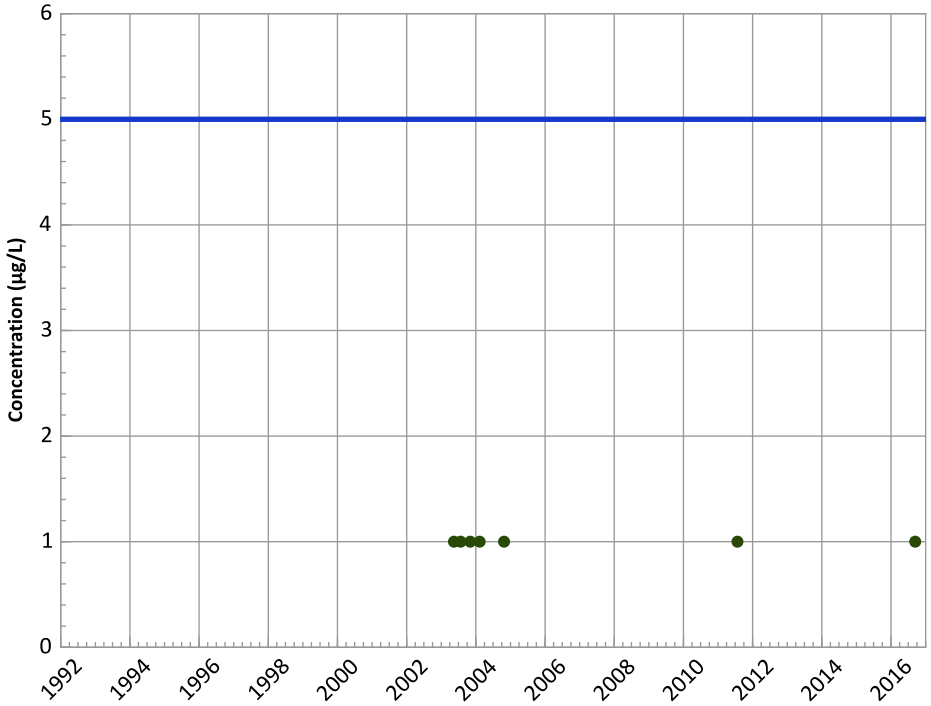
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

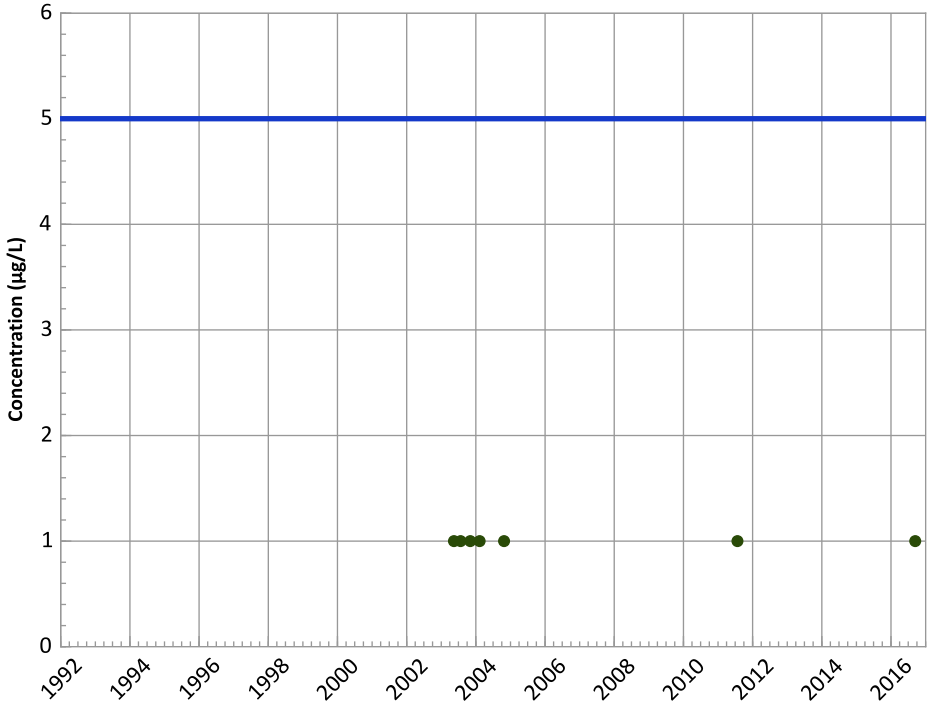


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

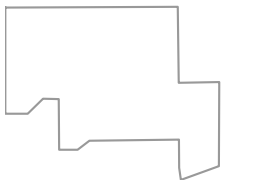
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

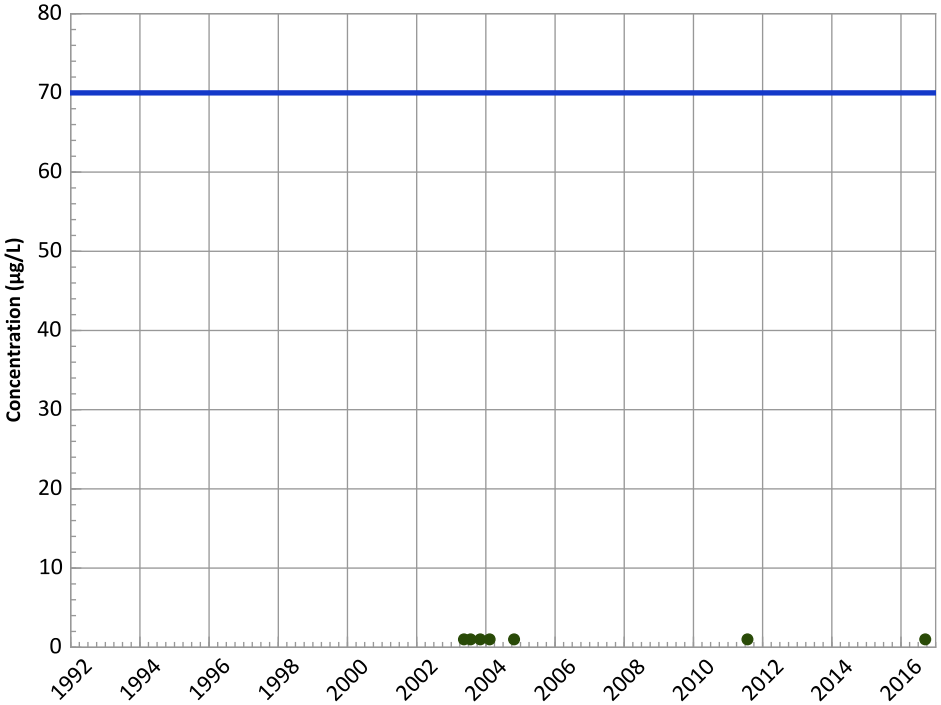
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

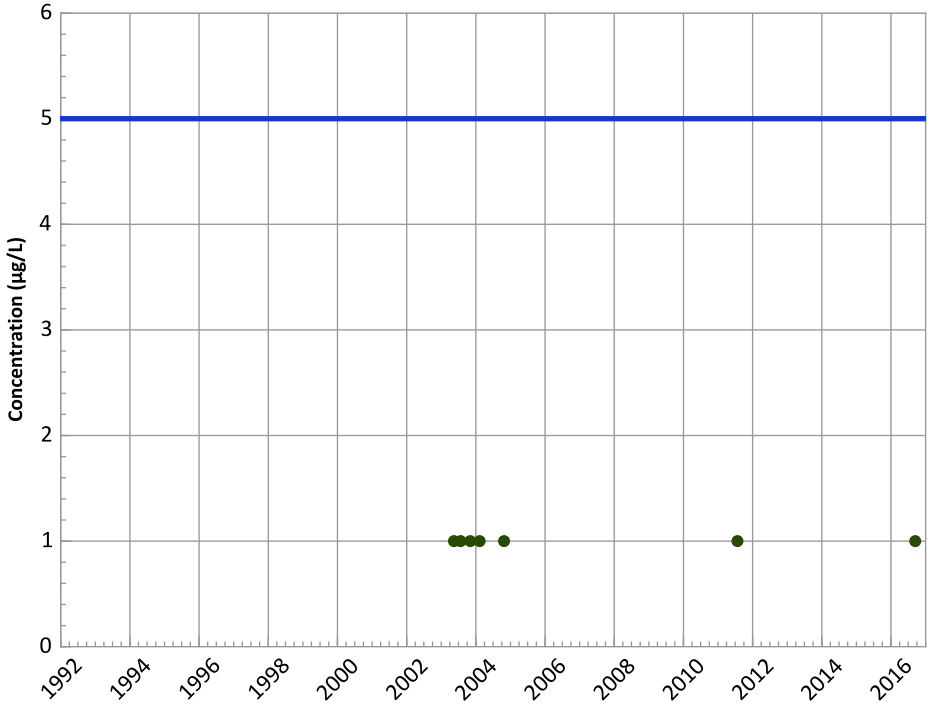


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

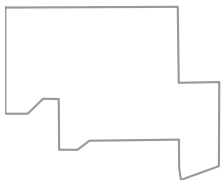
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

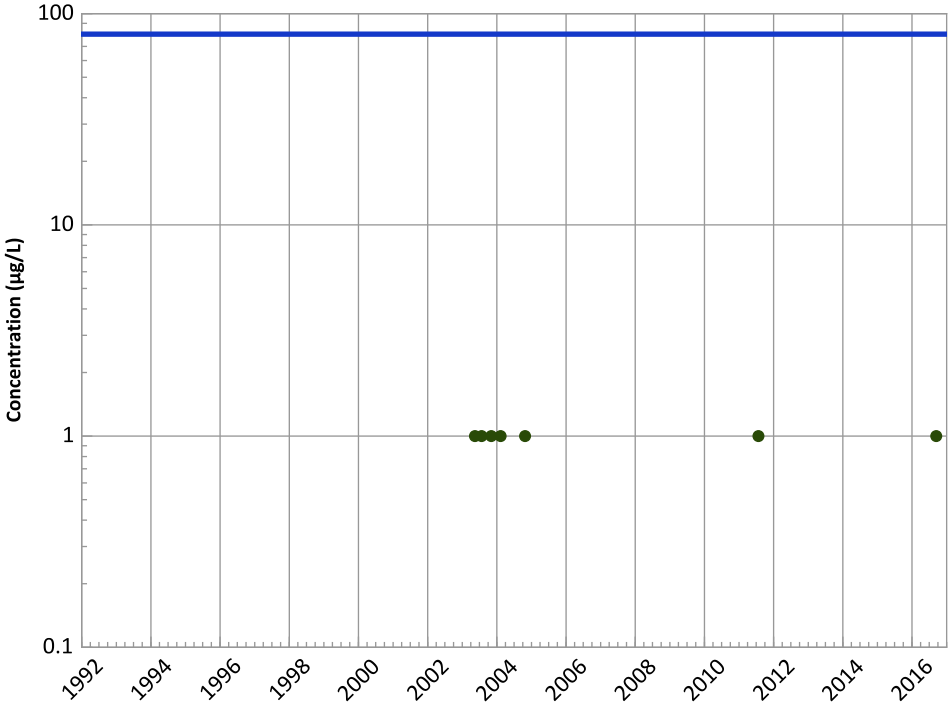
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

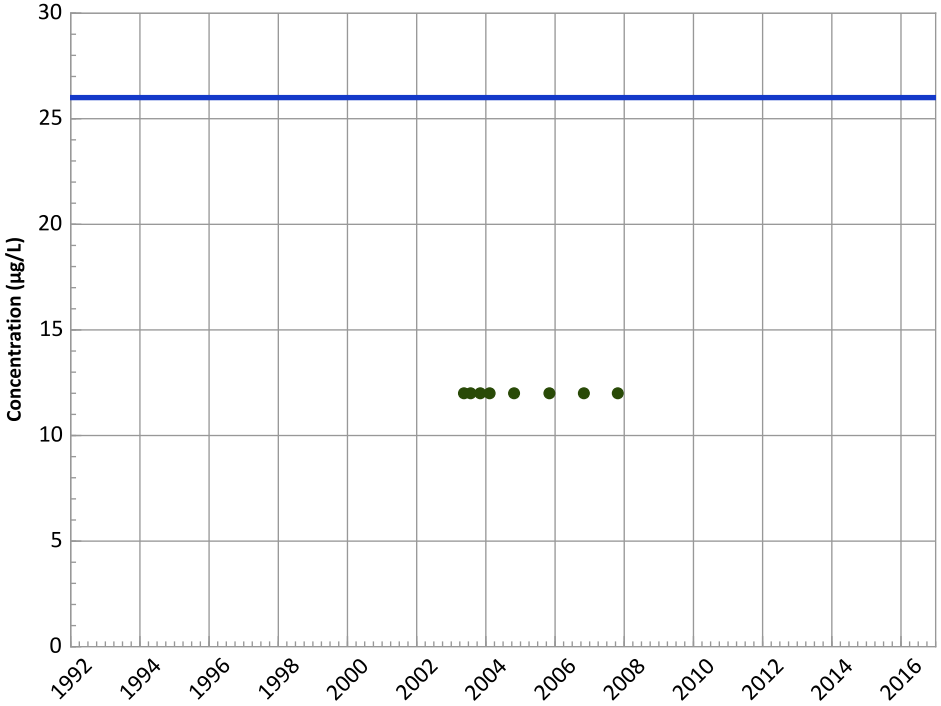


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

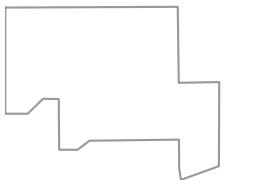
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

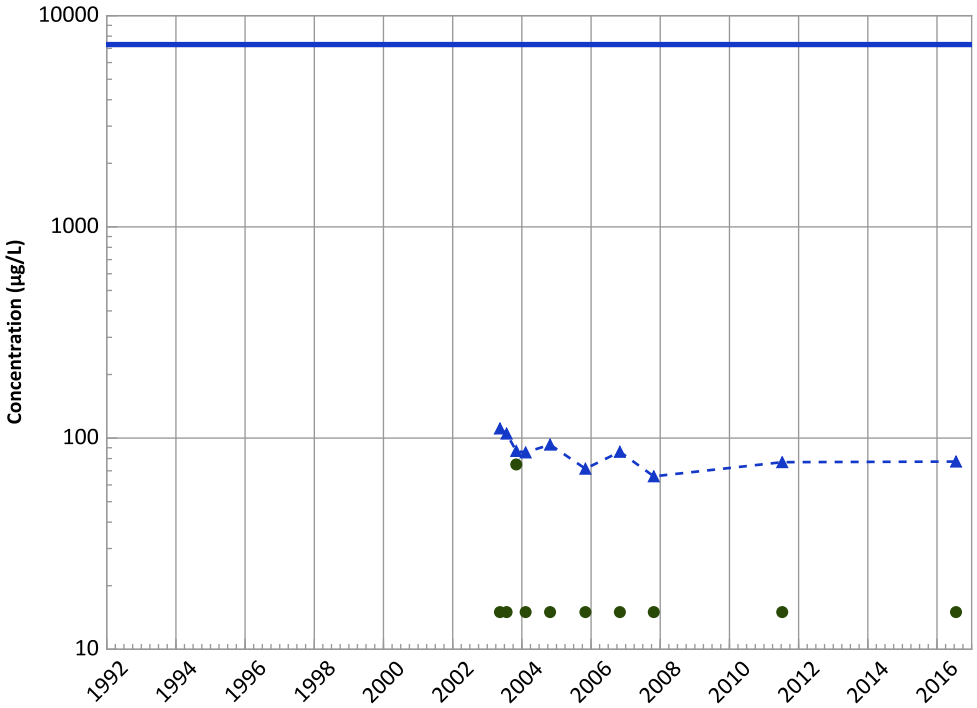
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

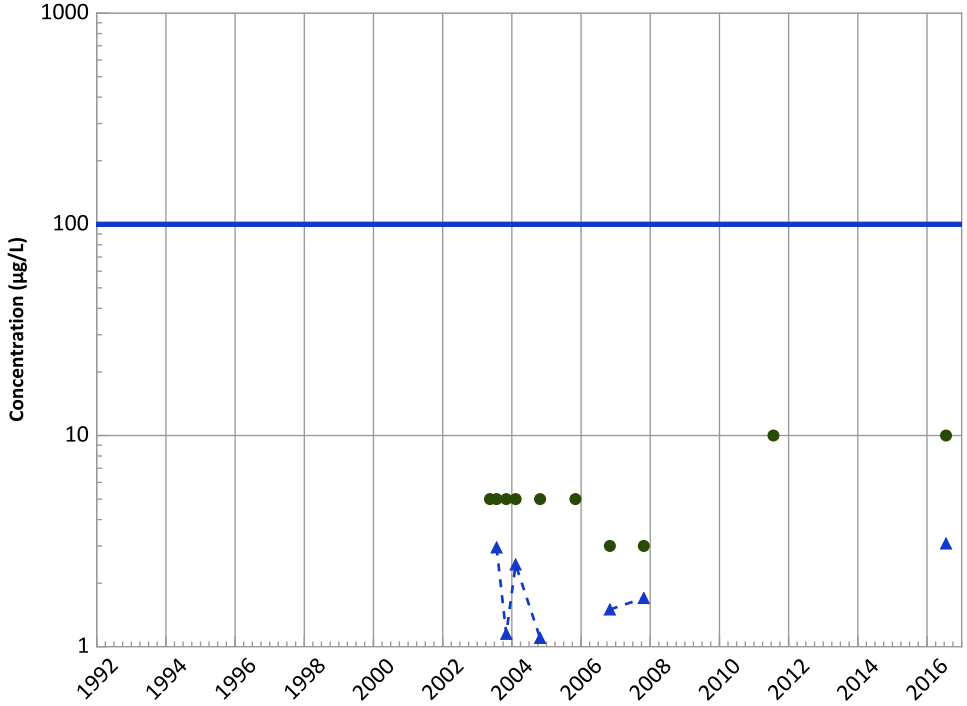


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

Chromium, Total Trend



Concentration Trend

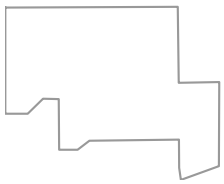
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

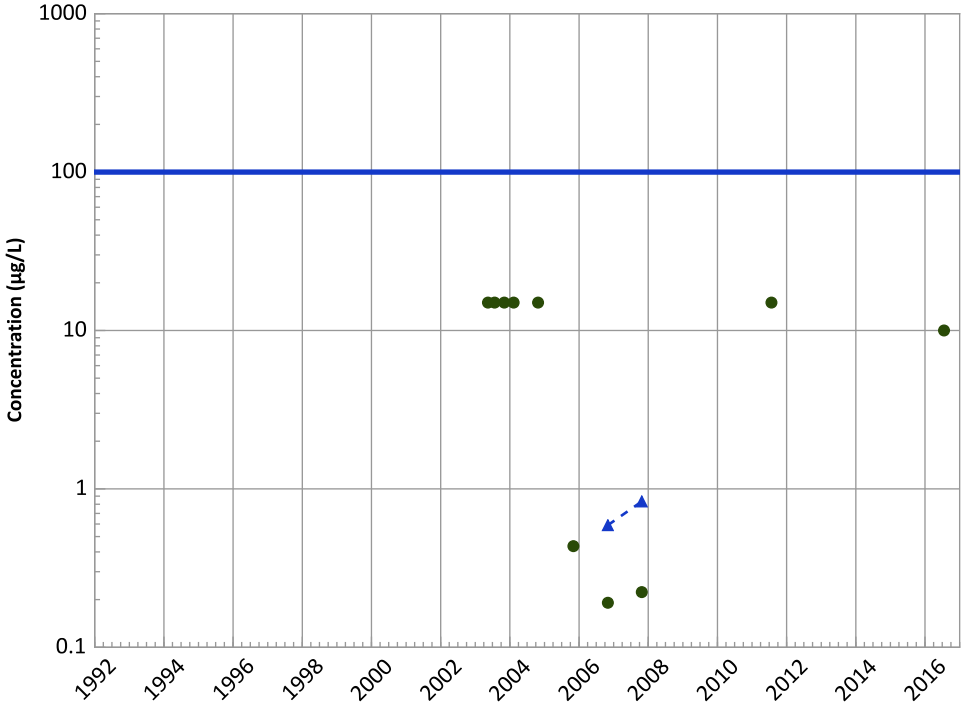
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

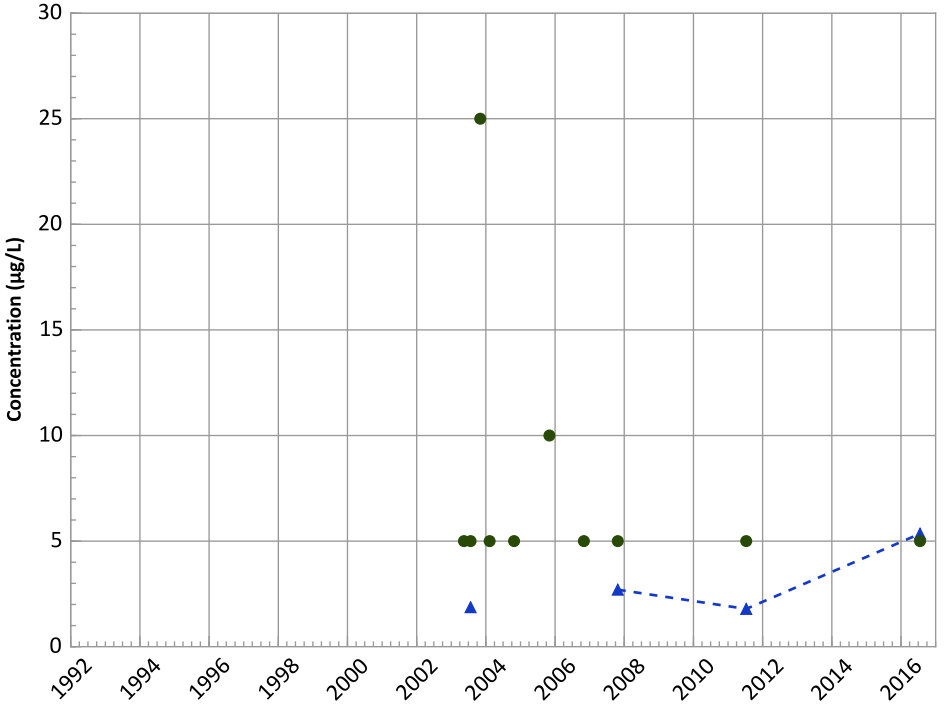


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

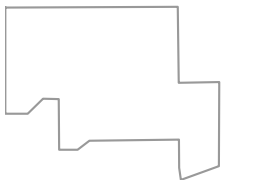
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

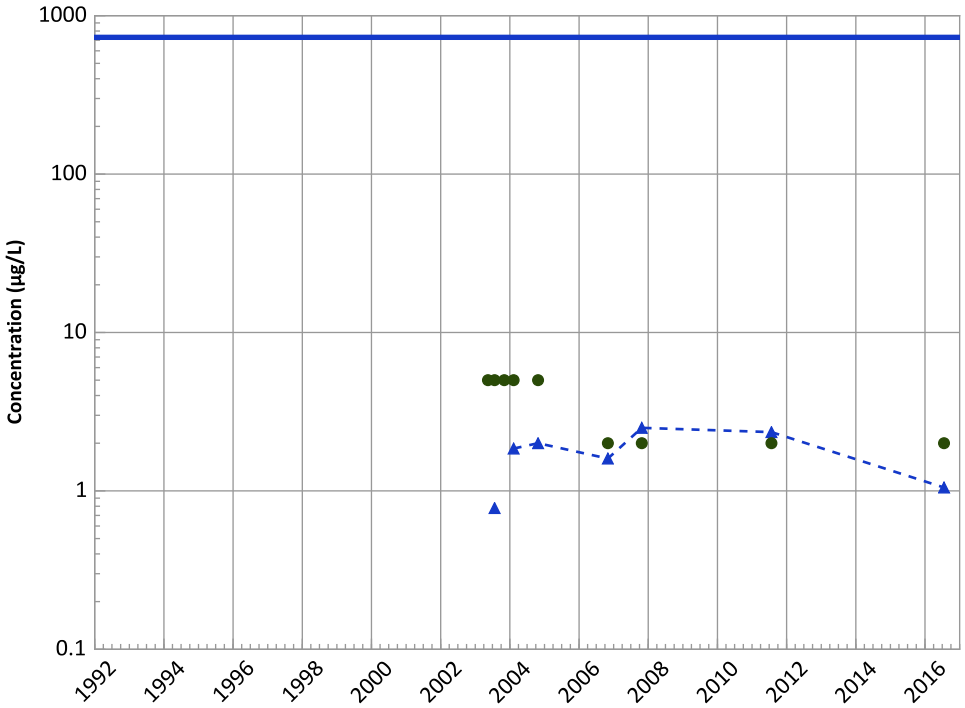
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

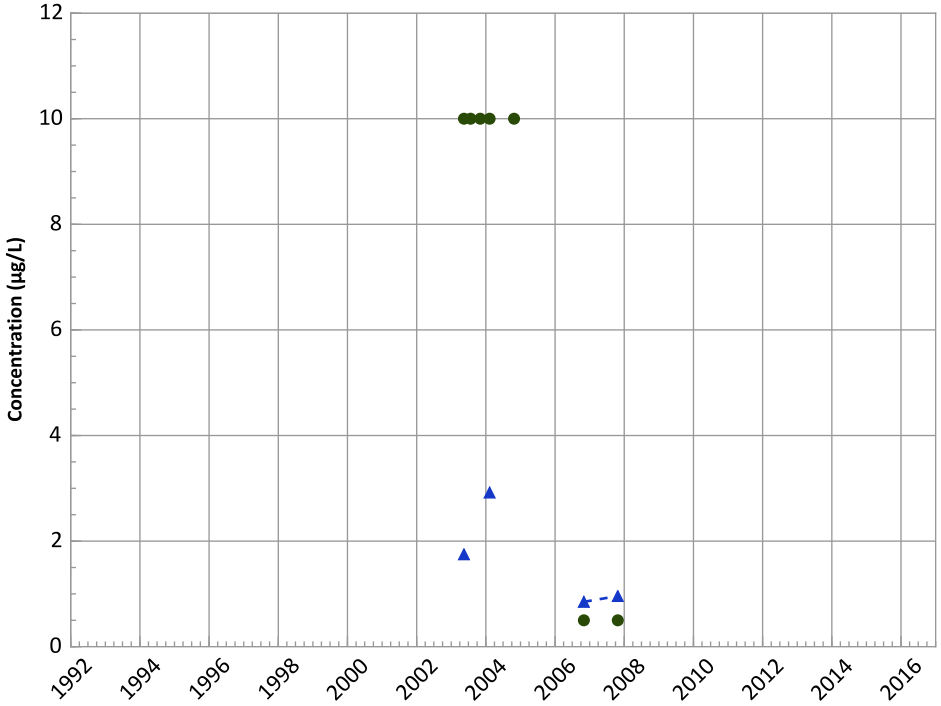


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Molybdenum Trend



Concentration Trend

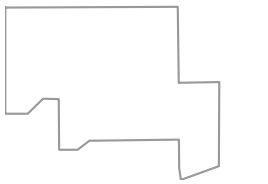
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

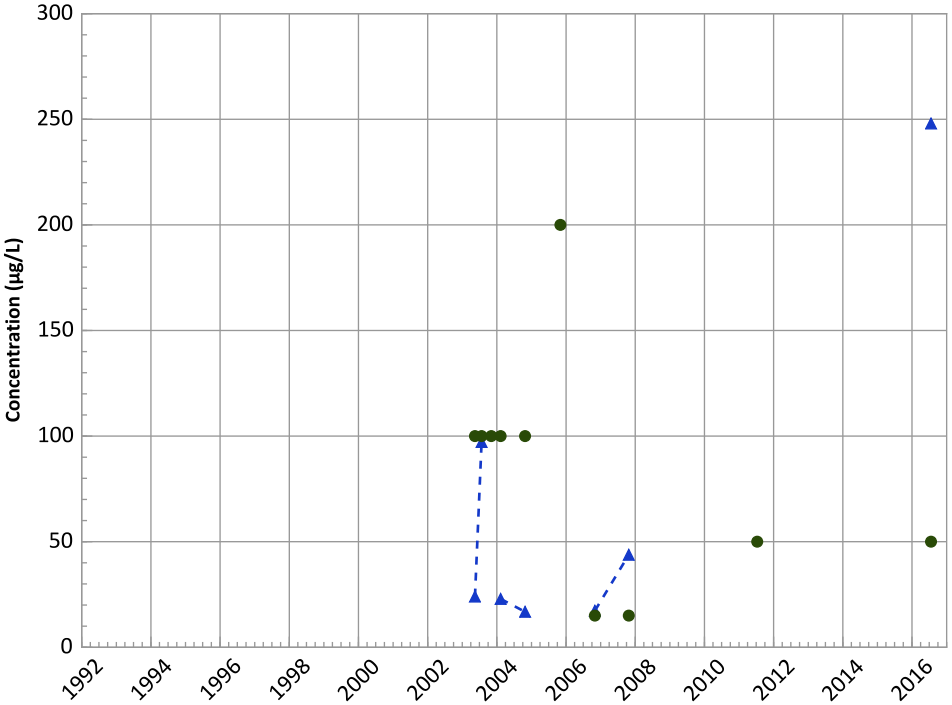
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

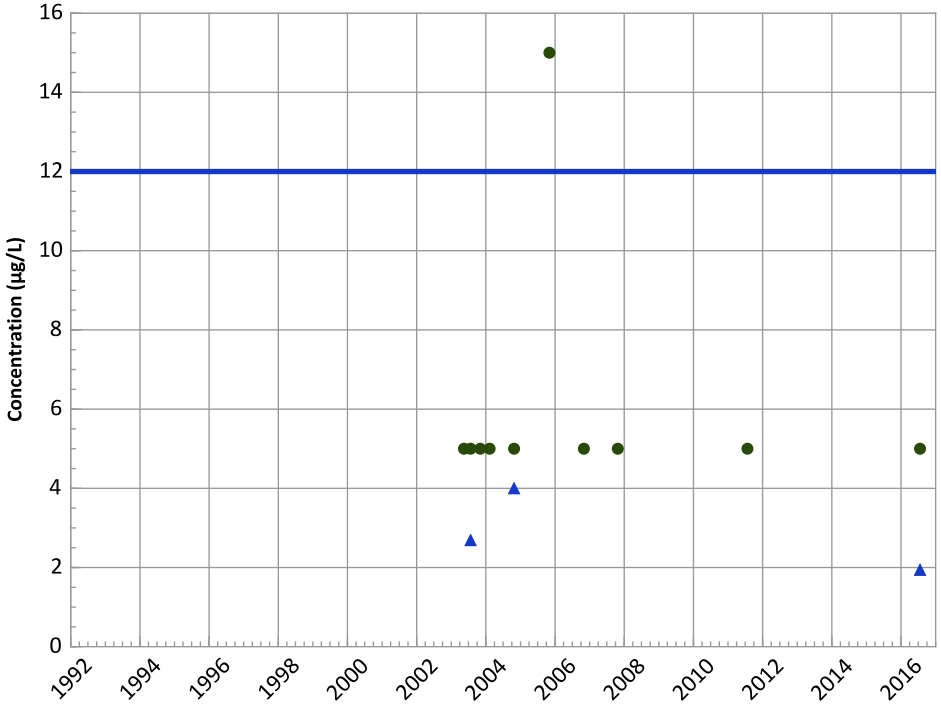


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Arsenic Trend



Concentration Trend

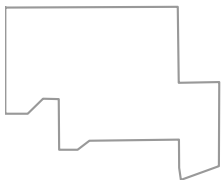
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

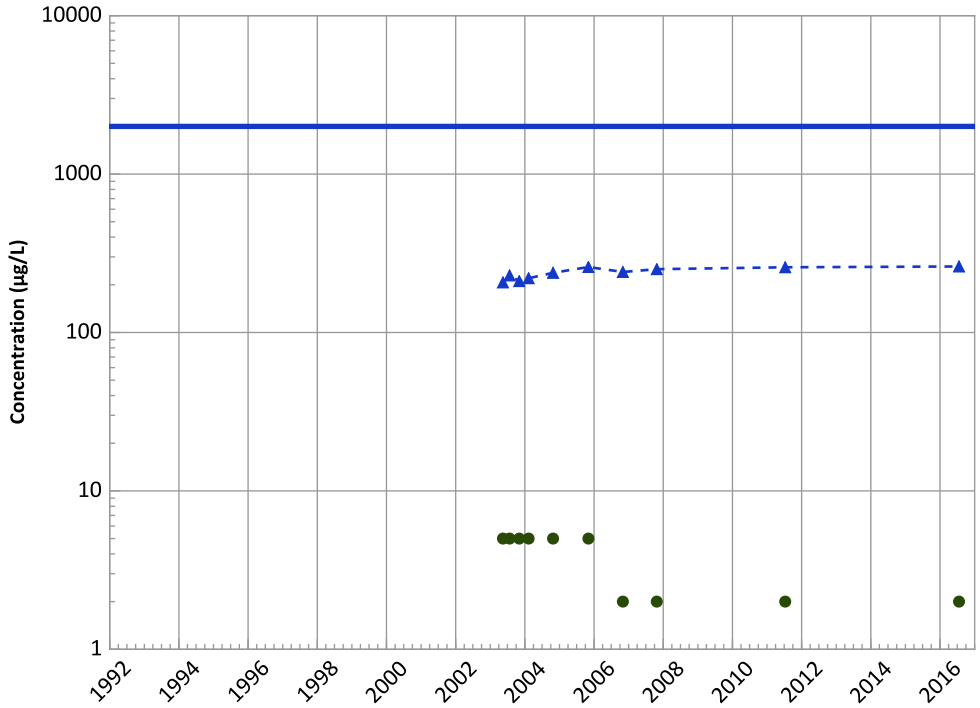
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

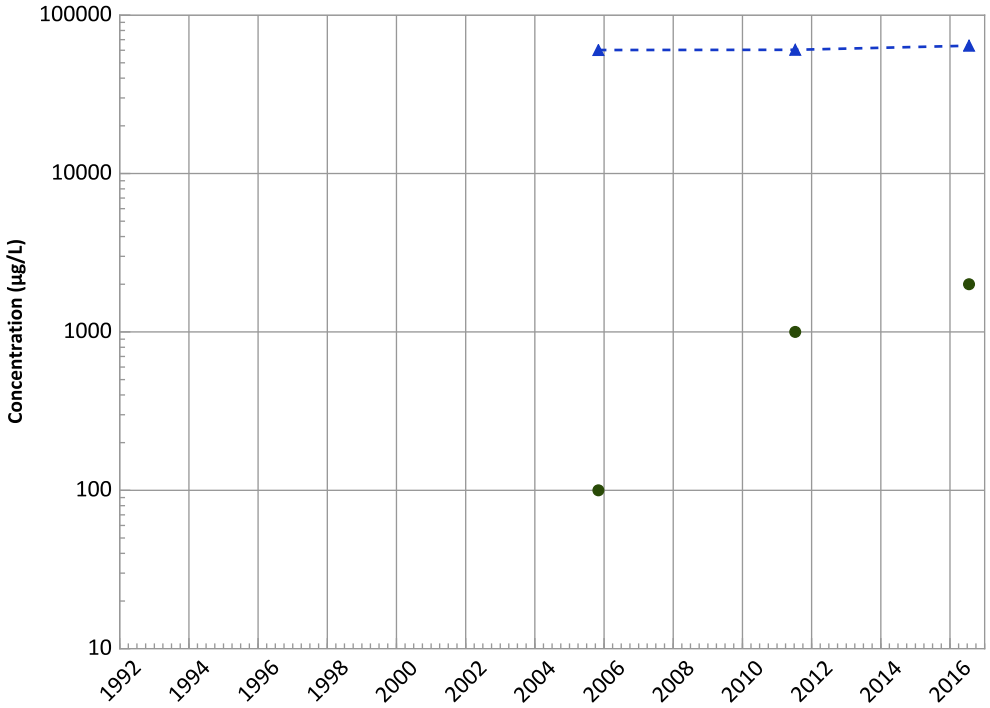


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Calcium Trend



Concentration Trend

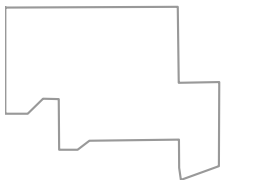
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

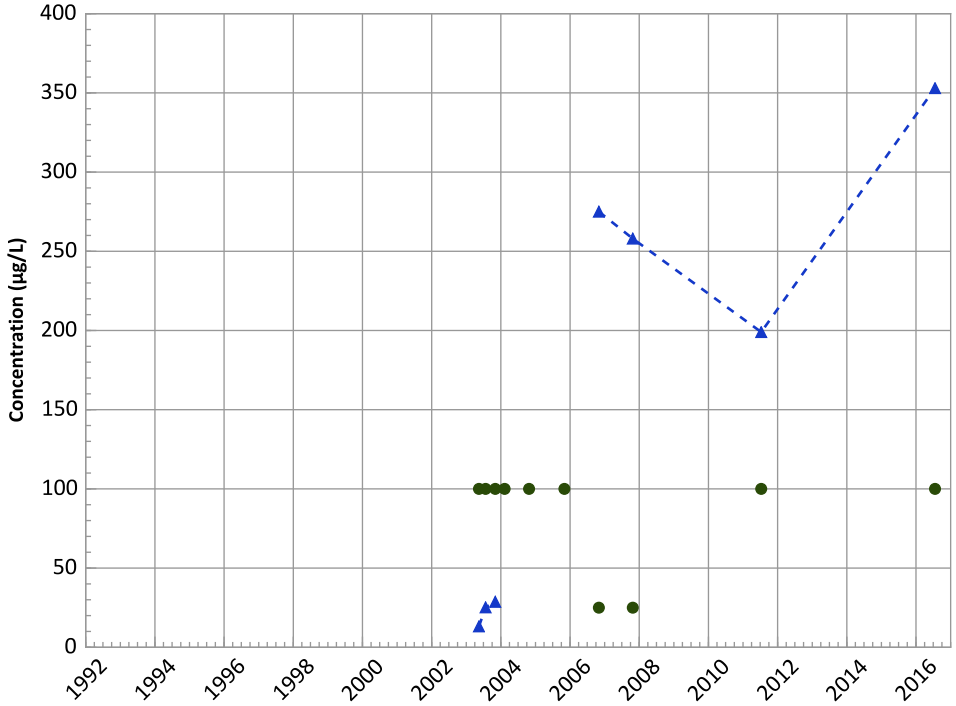
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

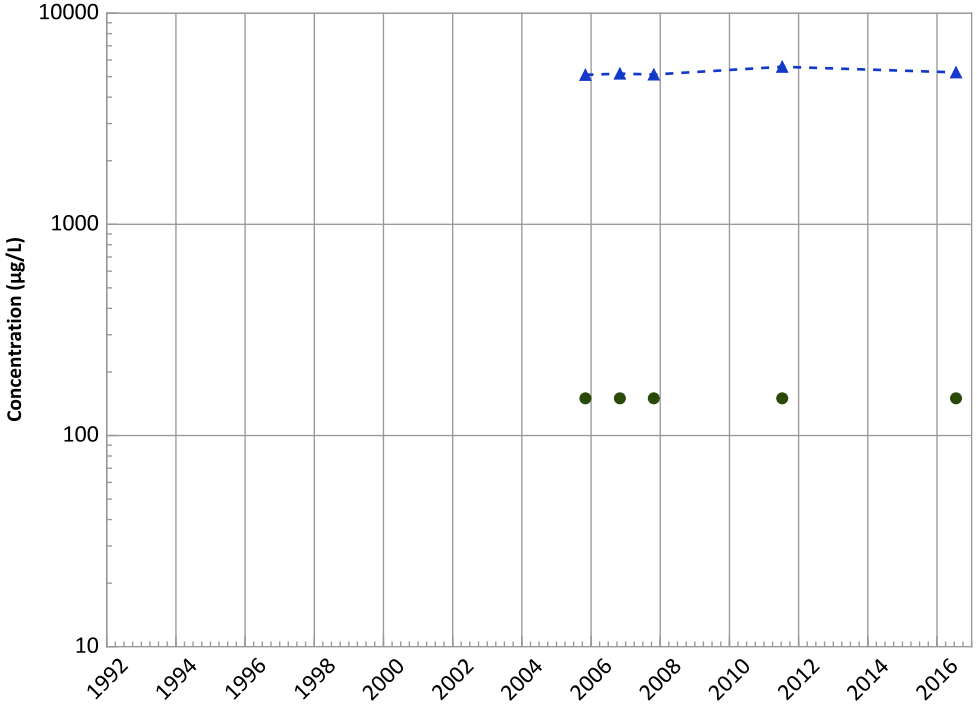


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Potassium Trend



Concentration Trend

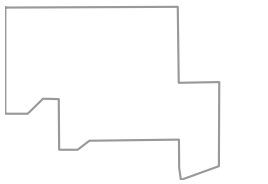
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

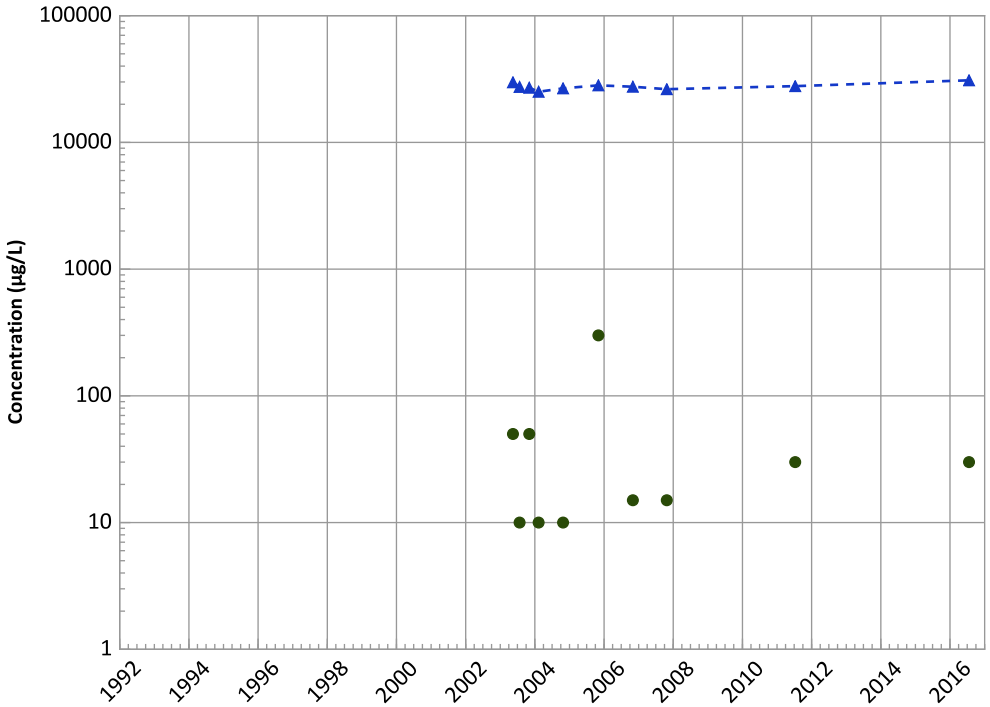
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

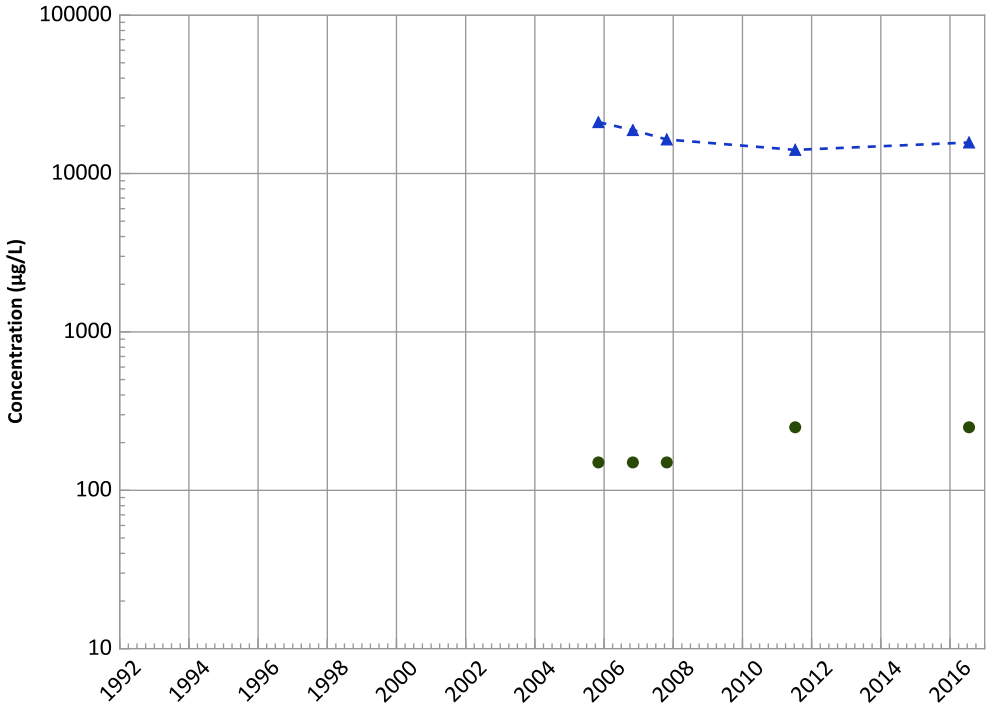


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Increasing

Sodium Trend



Concentration Trend

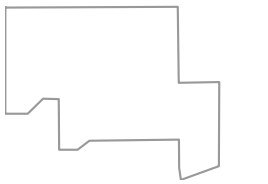
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

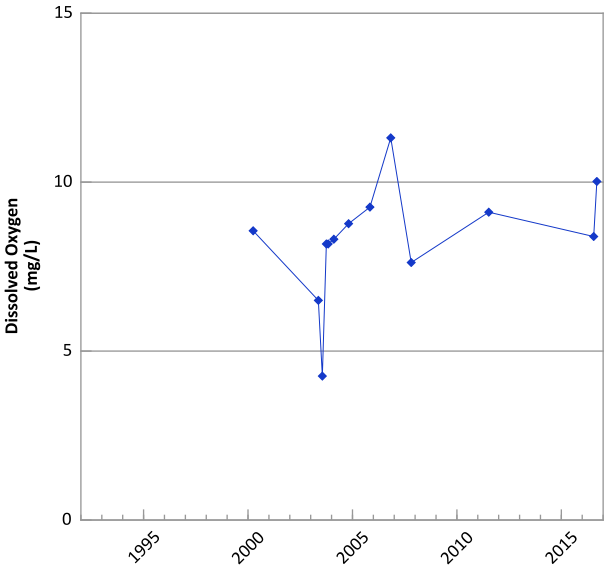
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

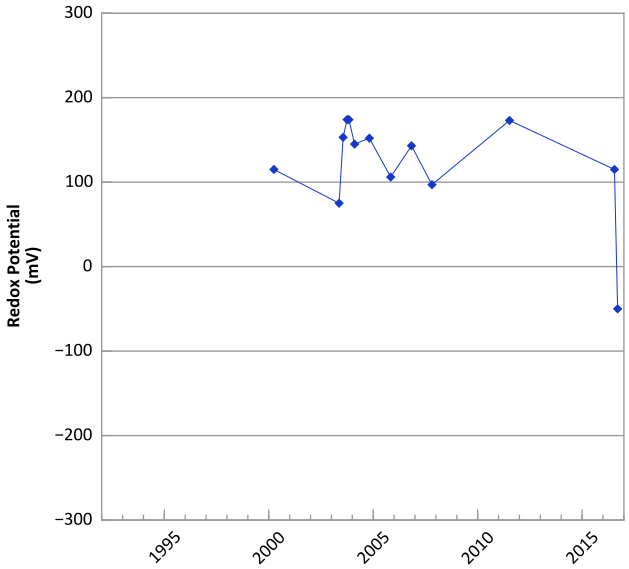
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

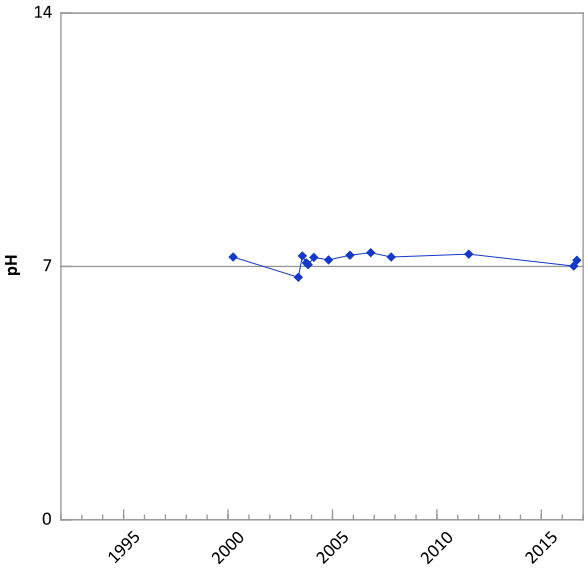
Well Location

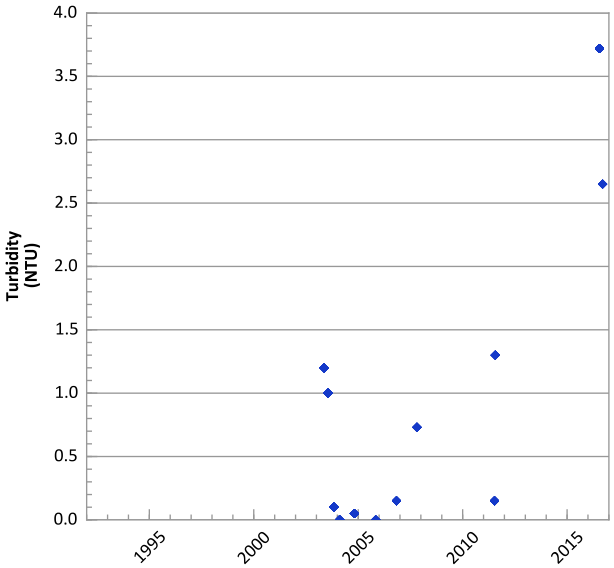


PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



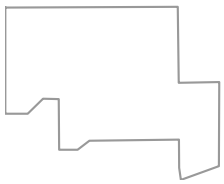






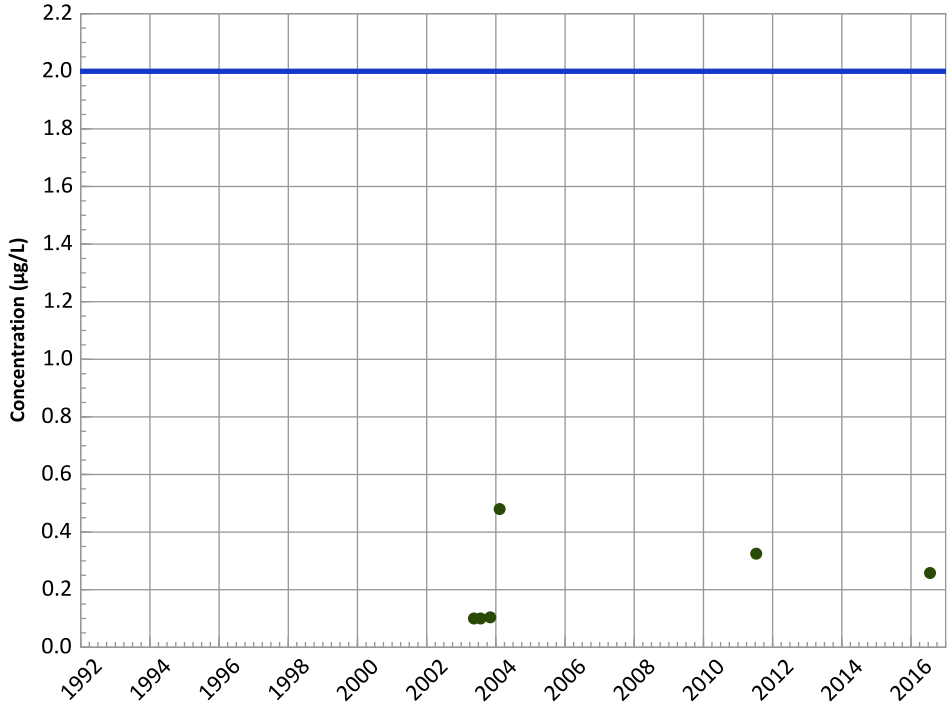
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

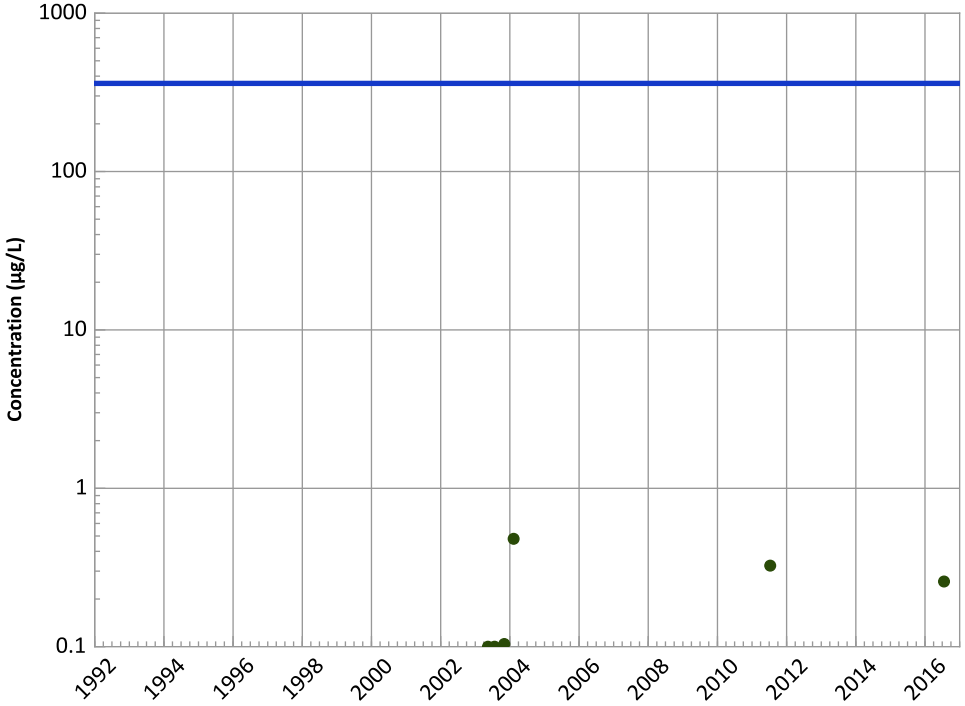


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

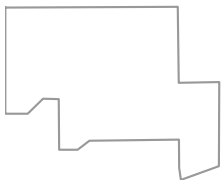
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

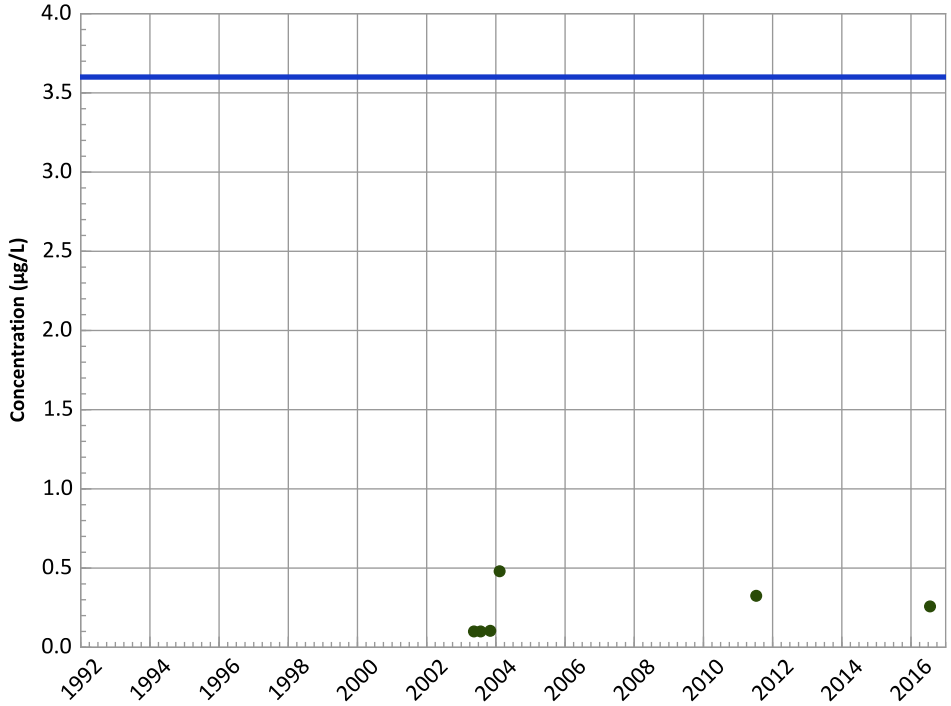
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

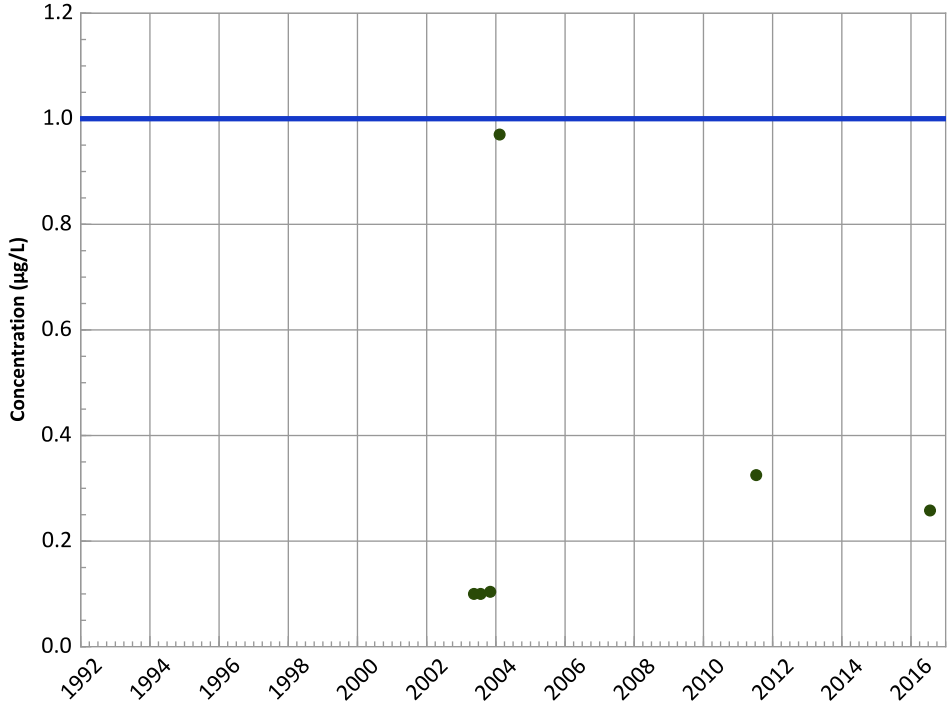


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

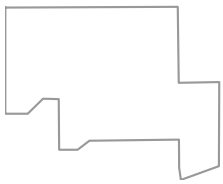
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

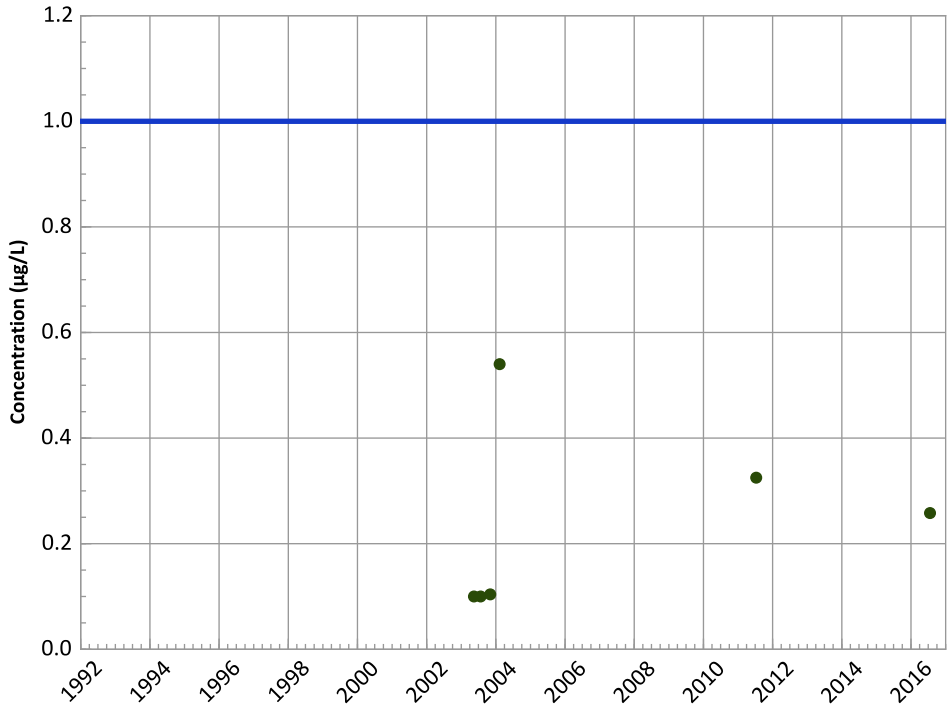
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

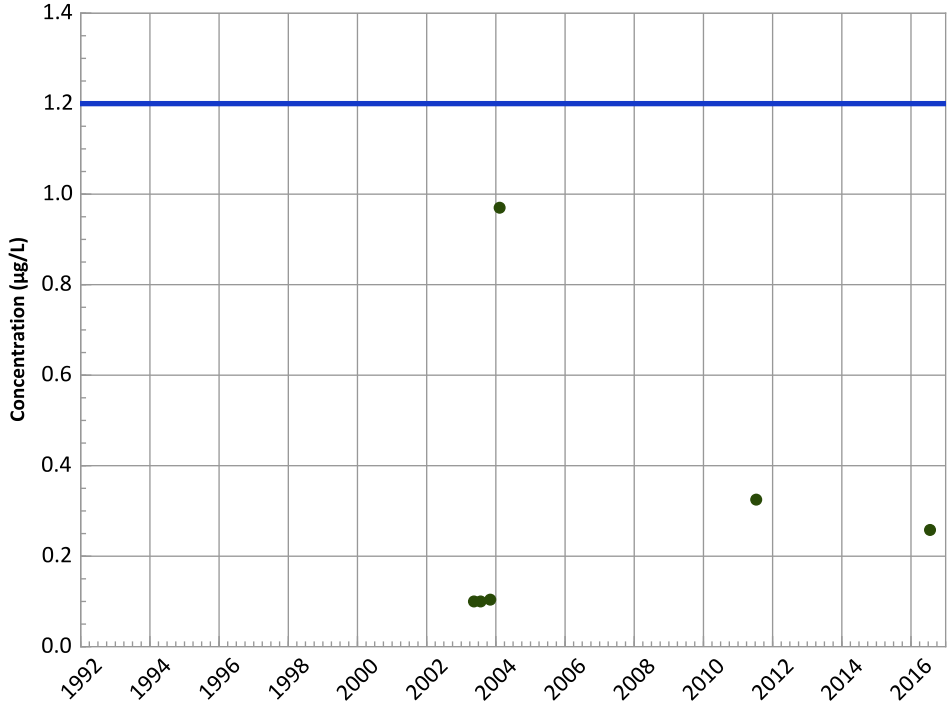


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

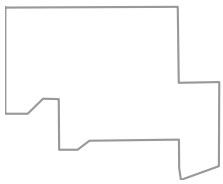
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

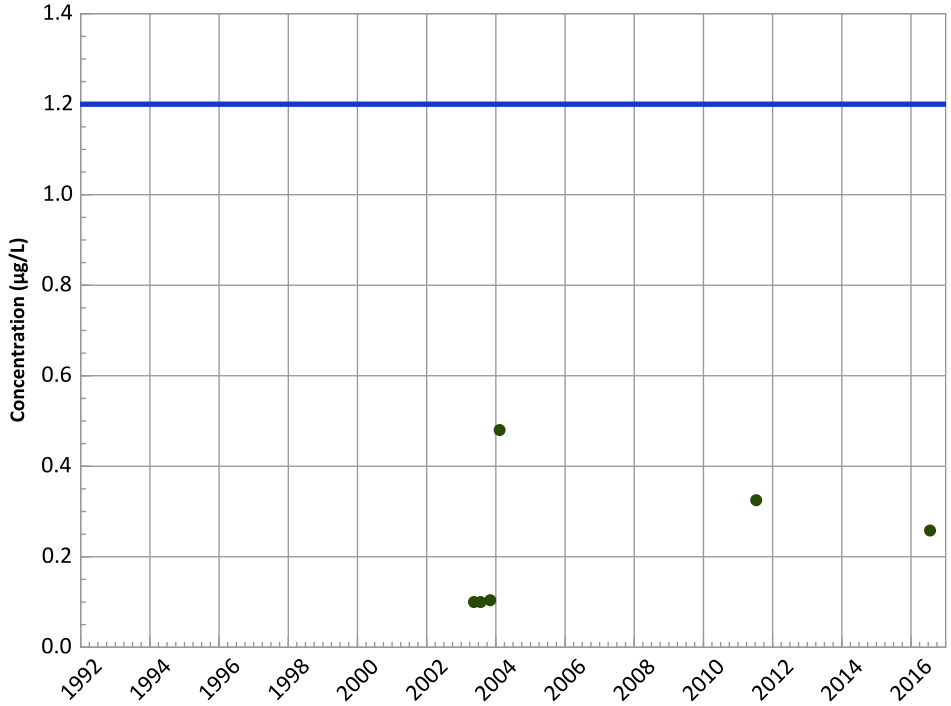
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

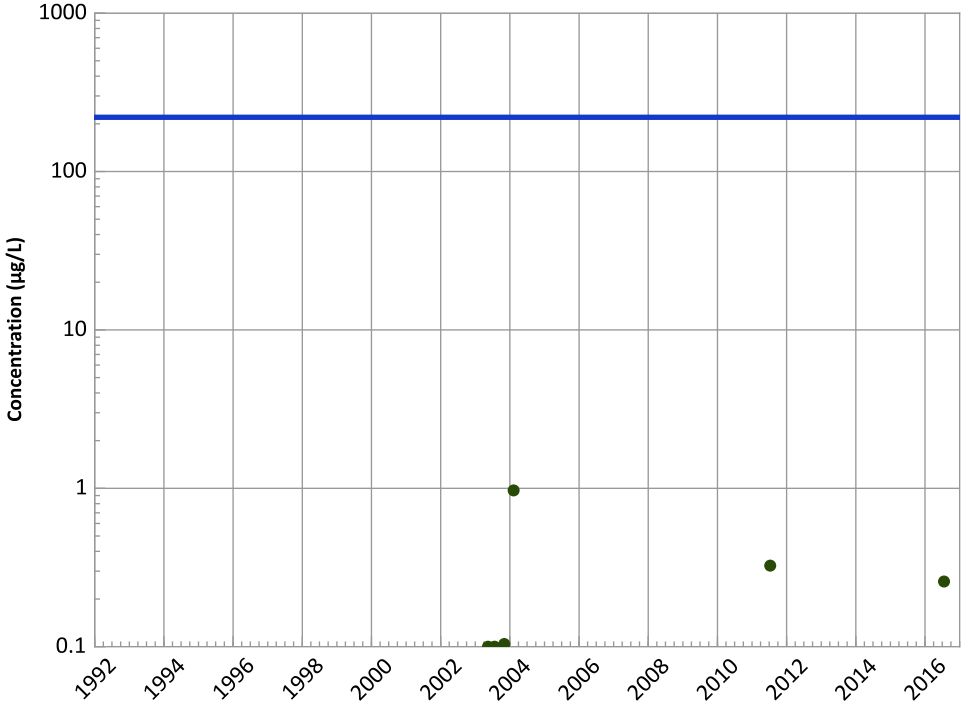


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

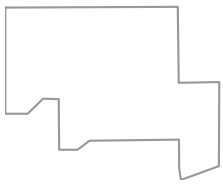
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

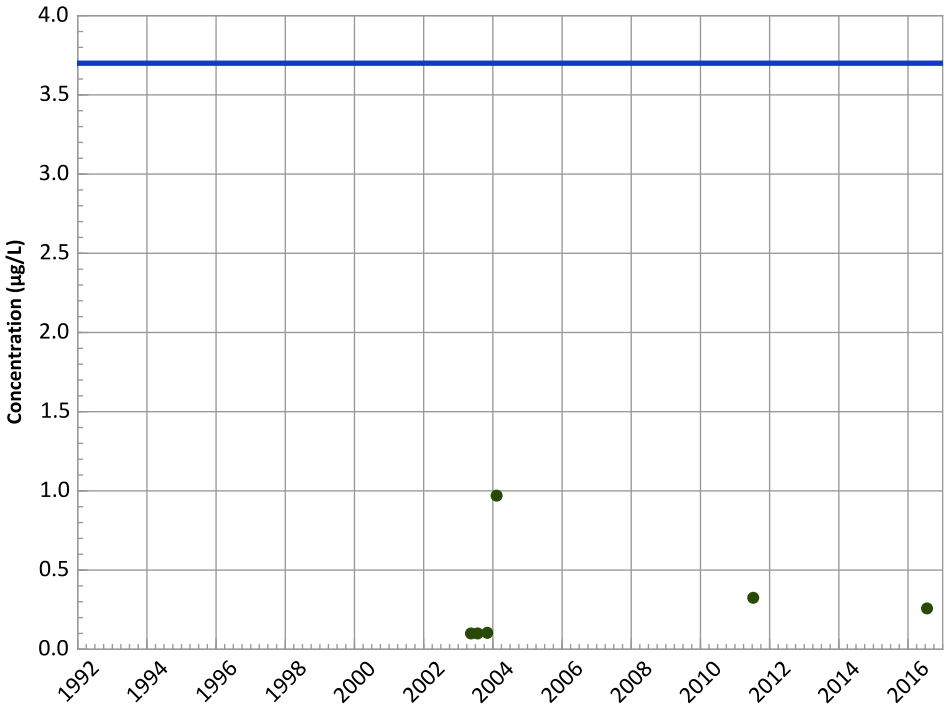
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

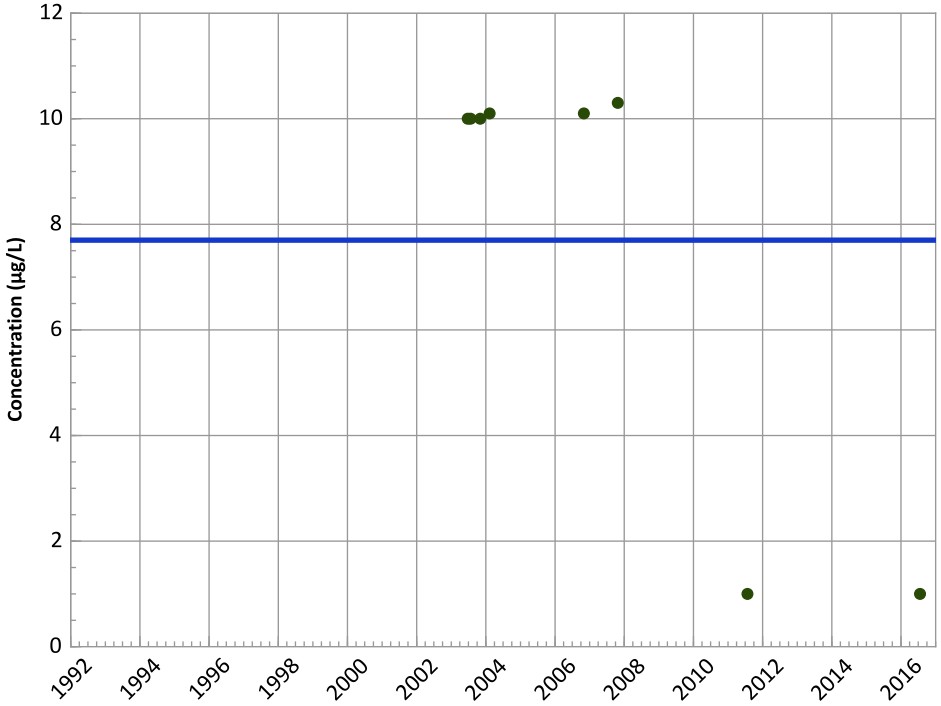


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

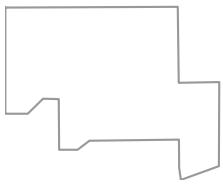
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

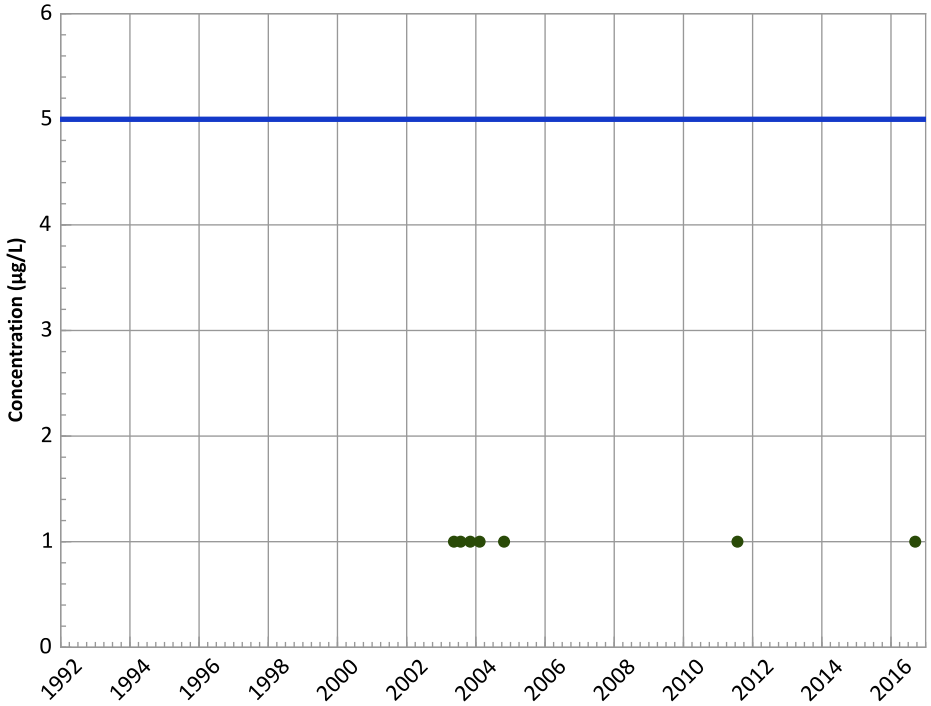
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

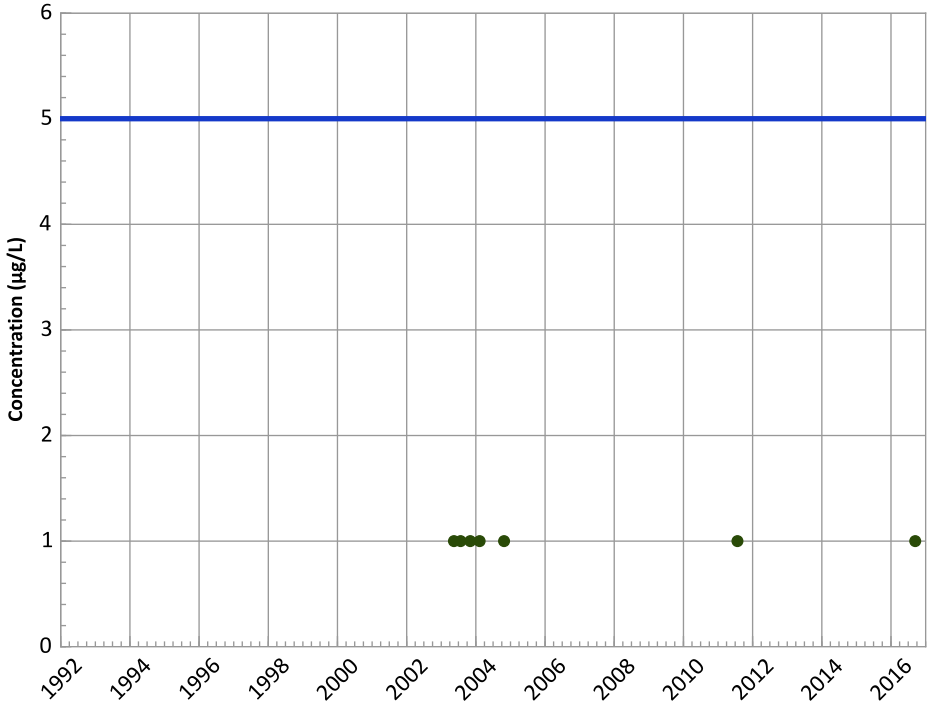


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

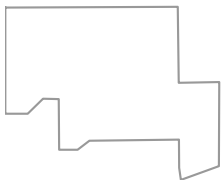
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

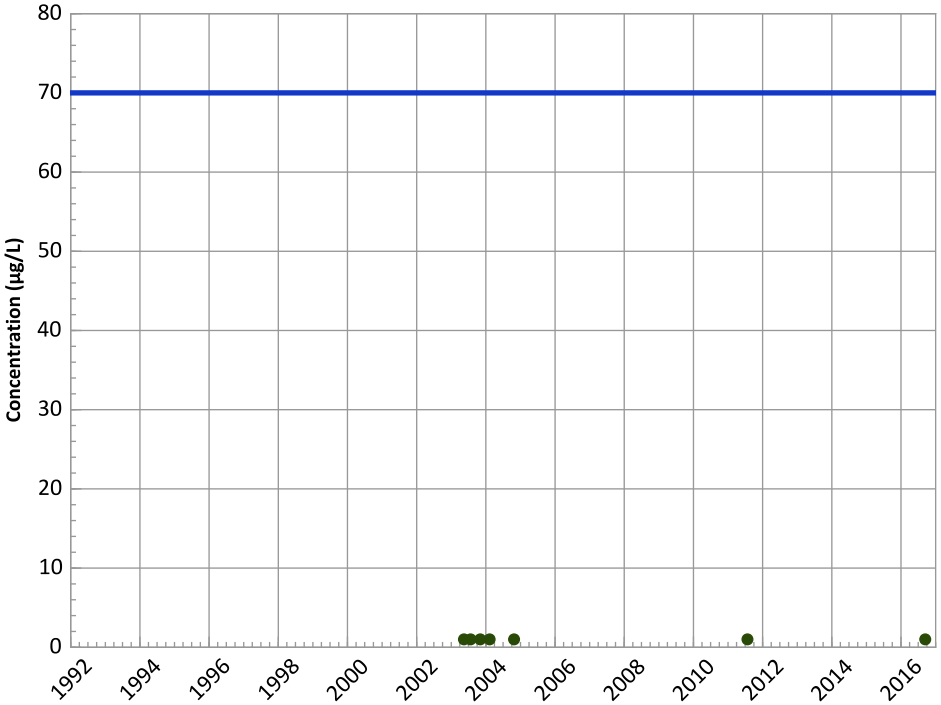
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

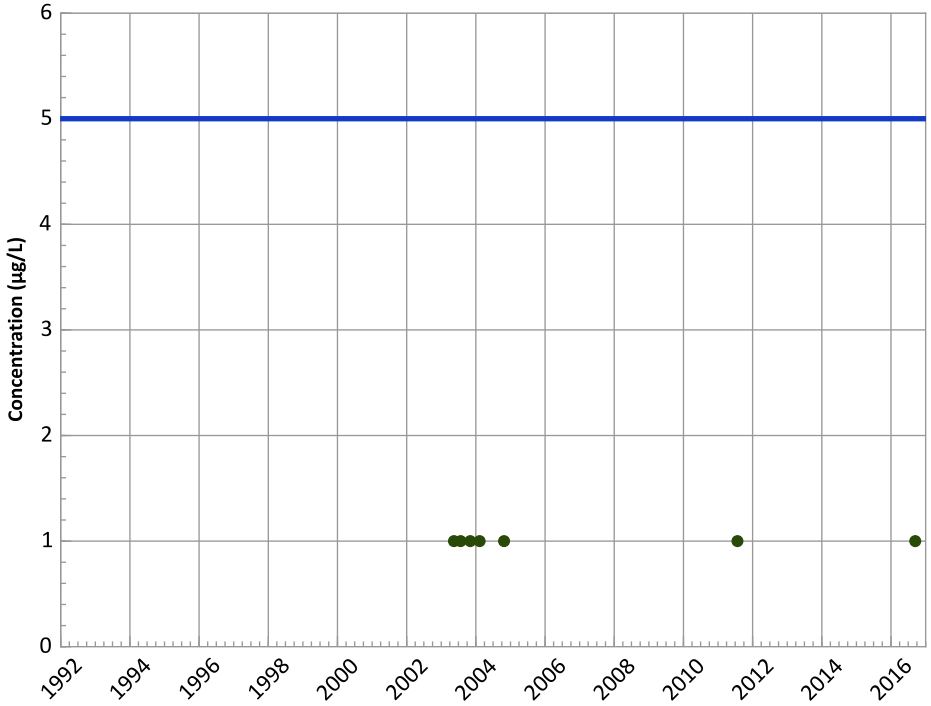


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,2-Dichloroethane Trend

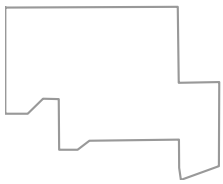


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Well Location

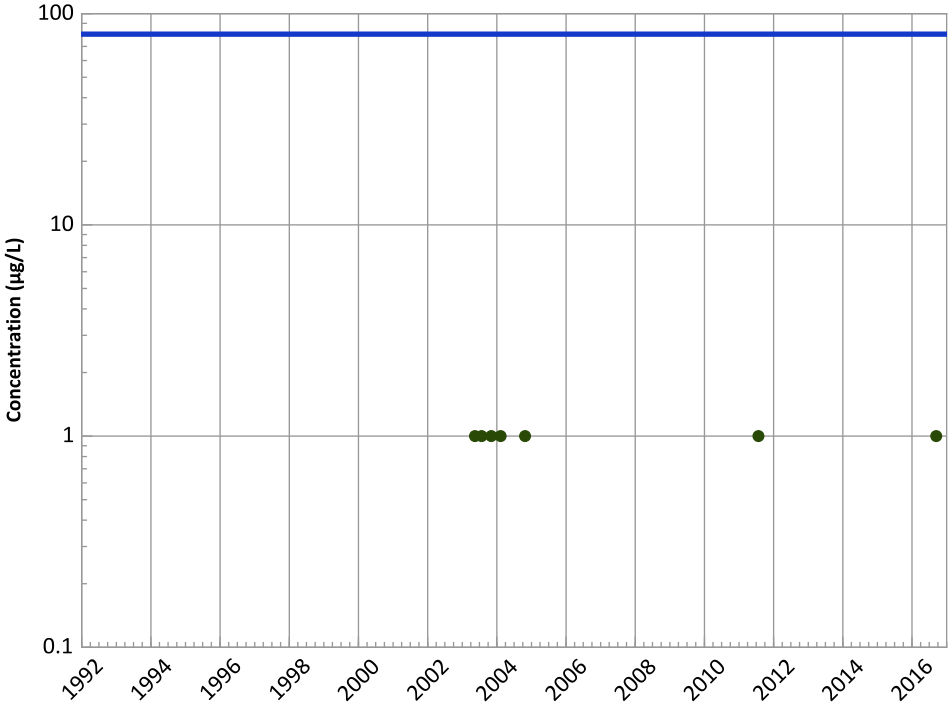


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

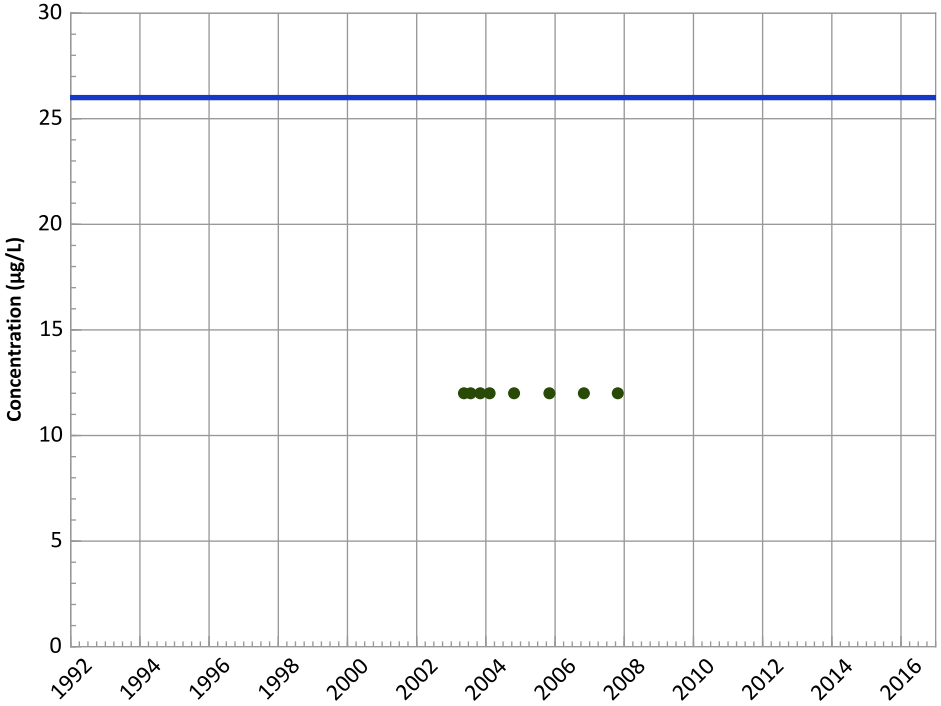


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

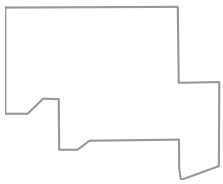
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

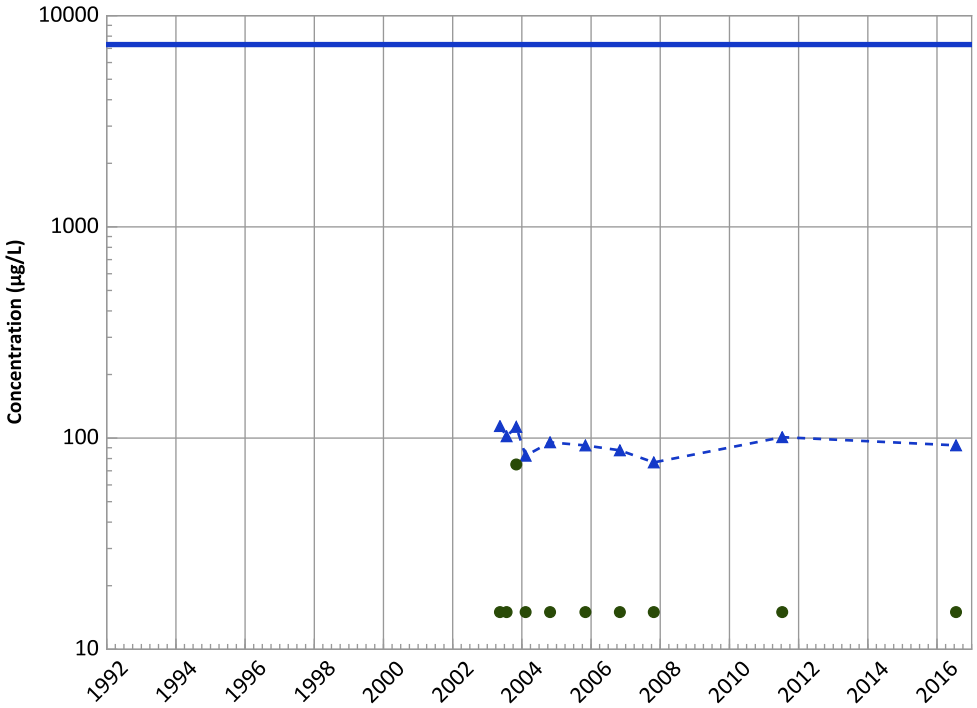
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

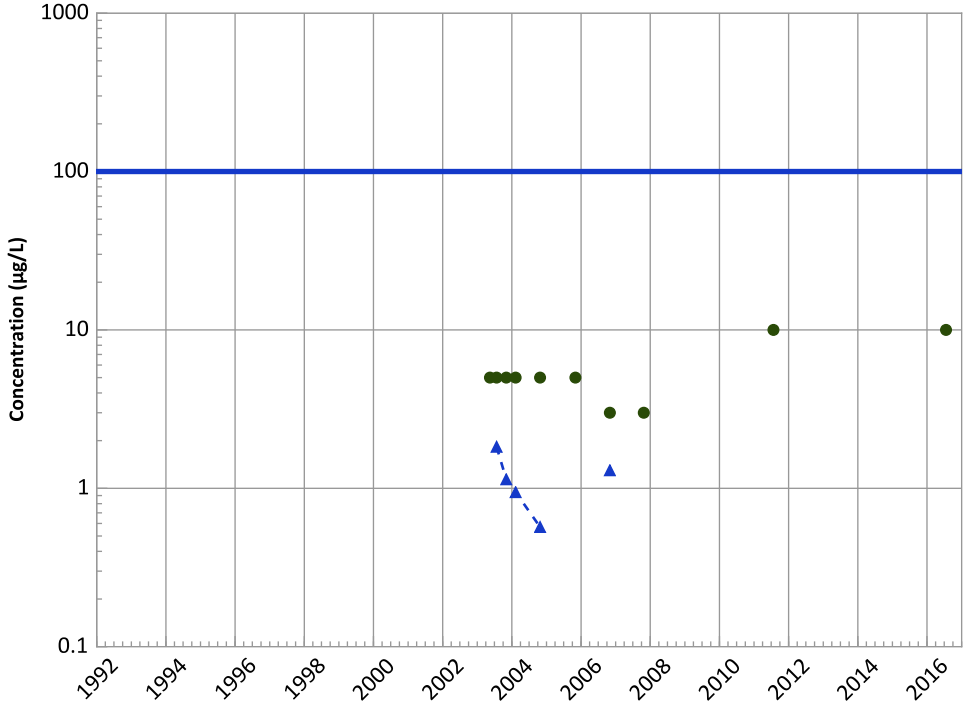


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Chromium, Total Trend



Concentration Trend

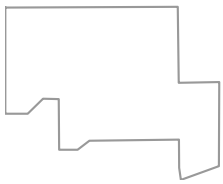
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

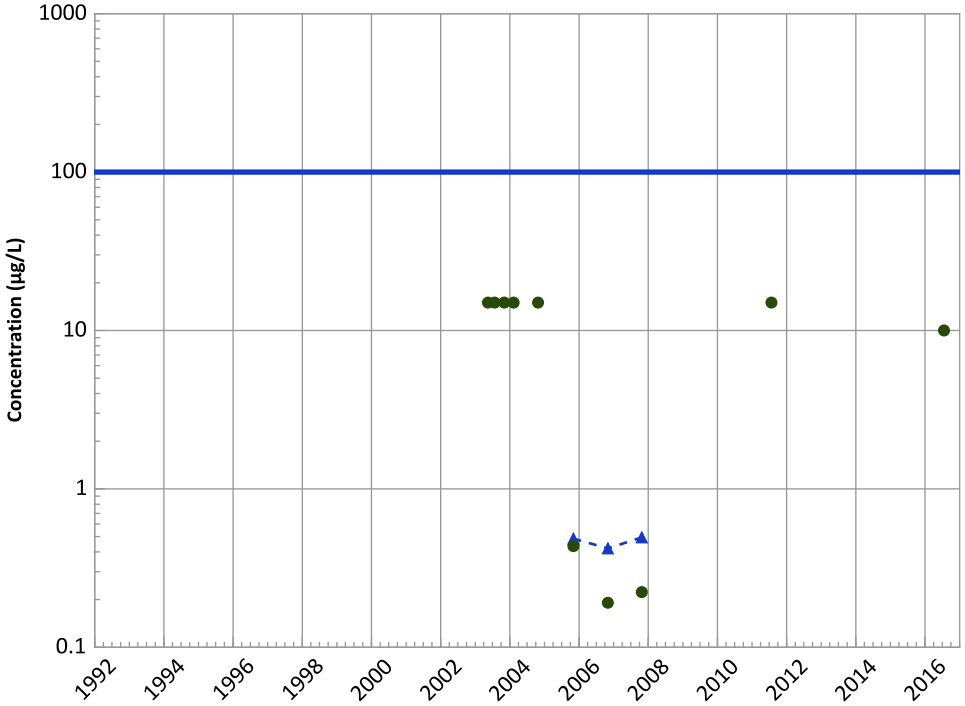
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

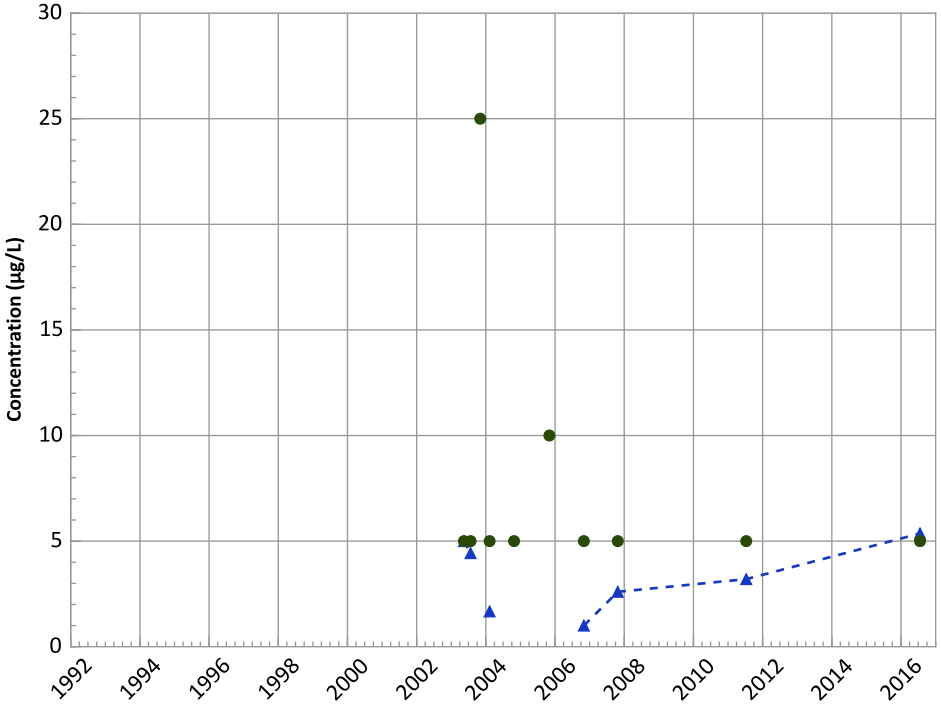


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

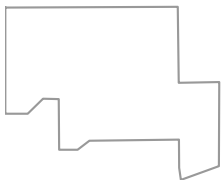
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

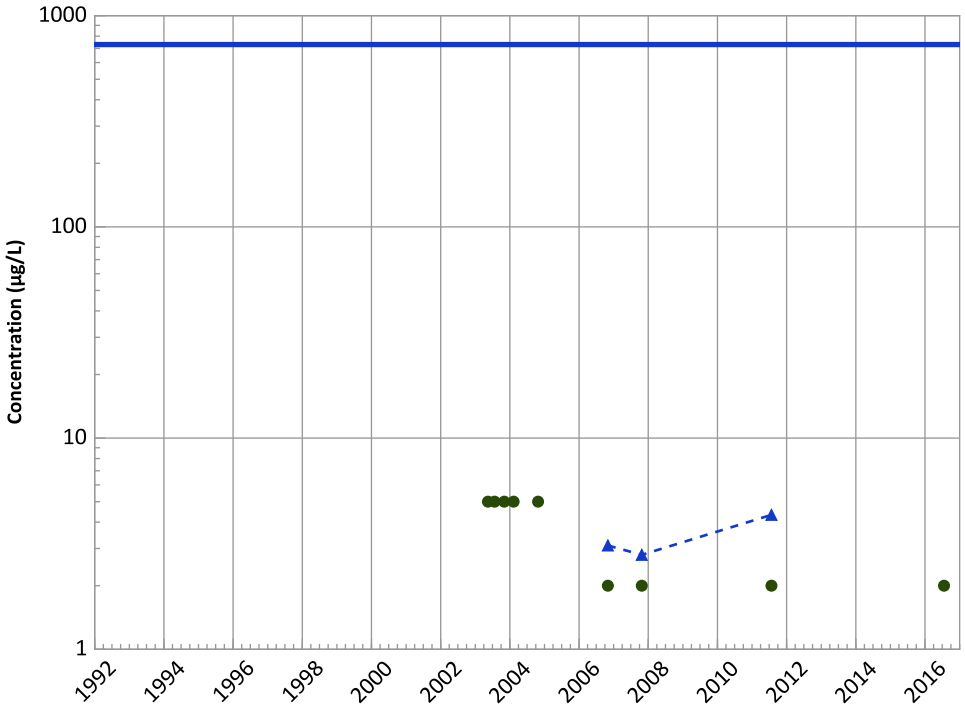
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

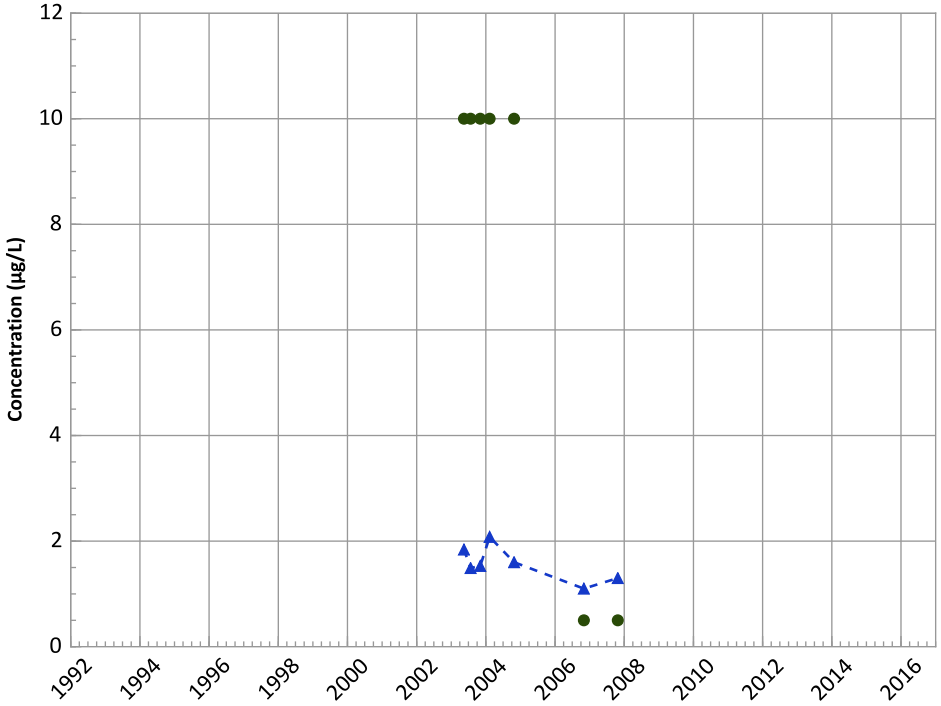


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Molybdenum Trend



Concentration Trend

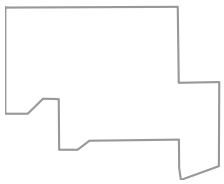
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

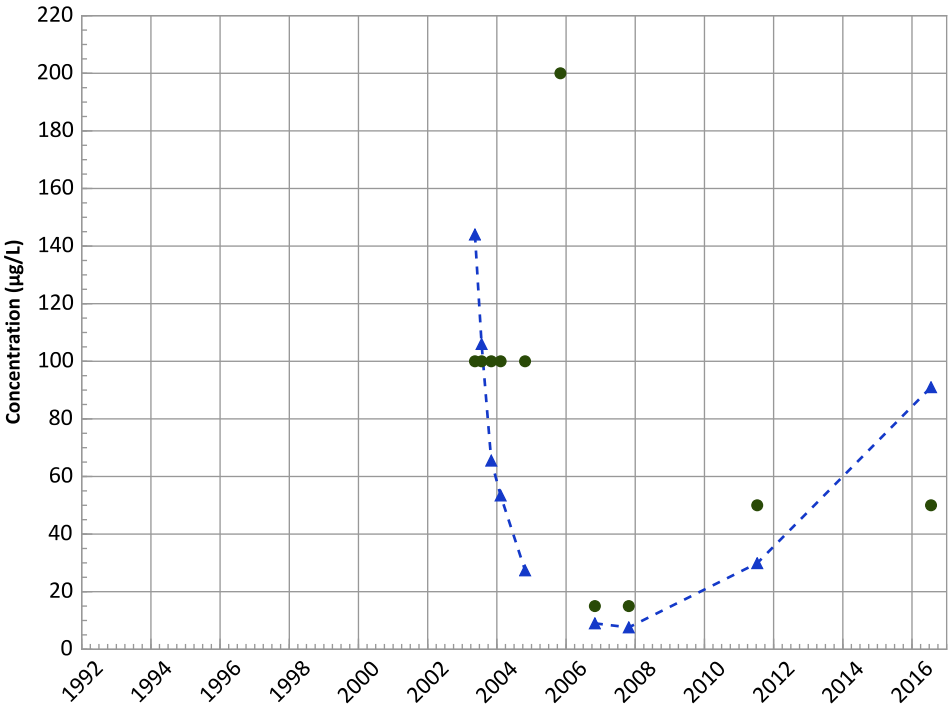
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

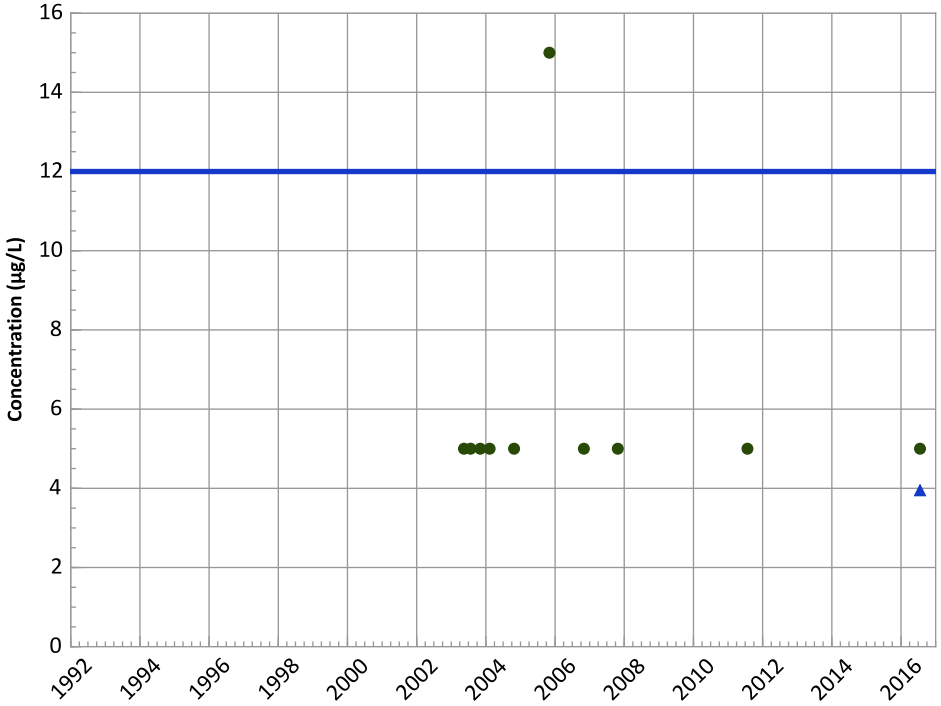


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Arsenic Trend



Concentration Trend

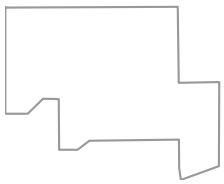
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

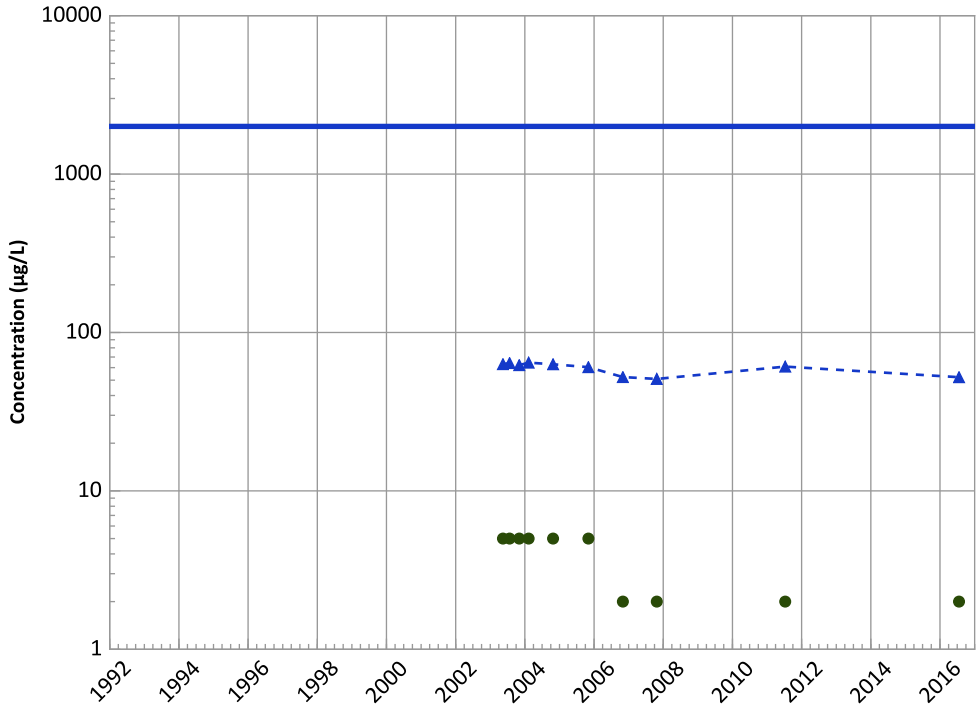
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

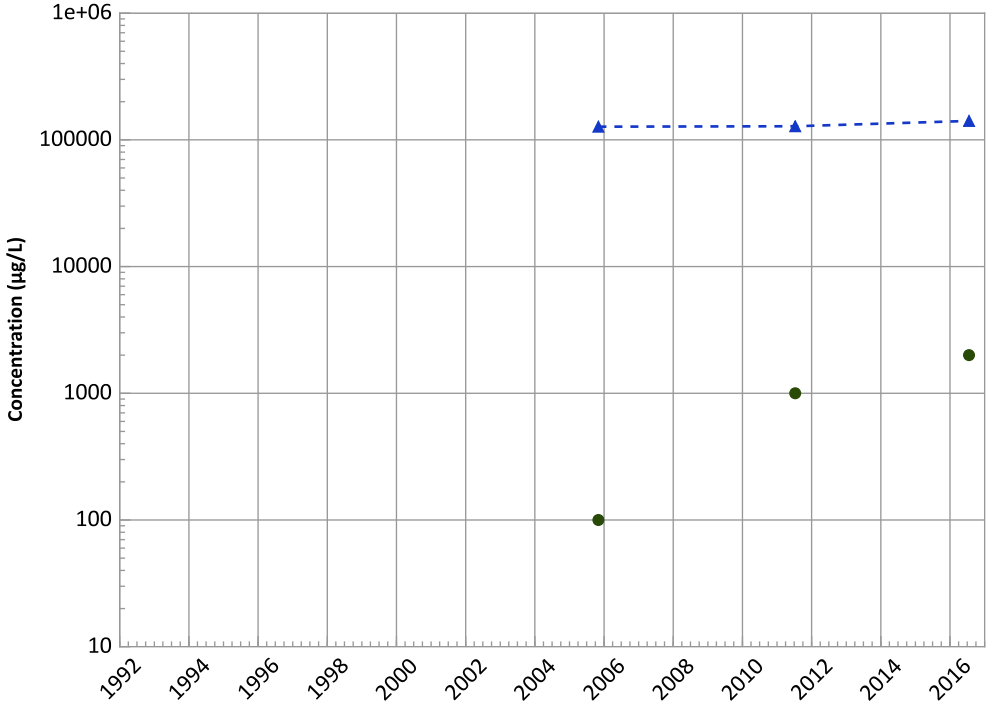


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Calcium Trend



Concentration Trend

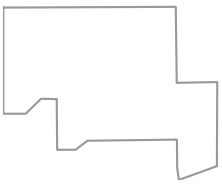
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

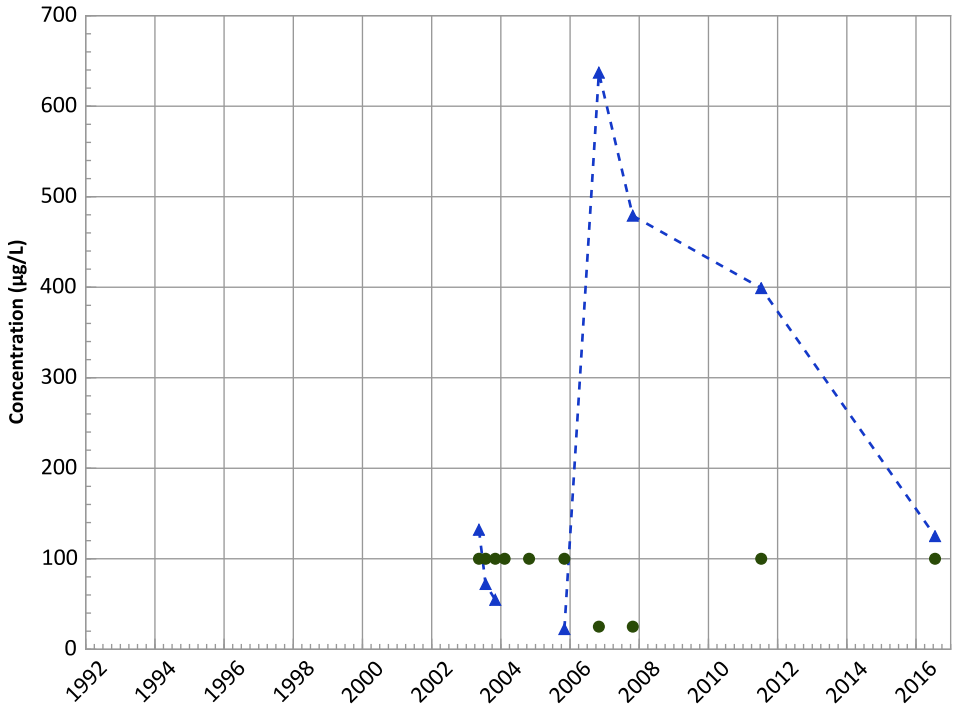
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

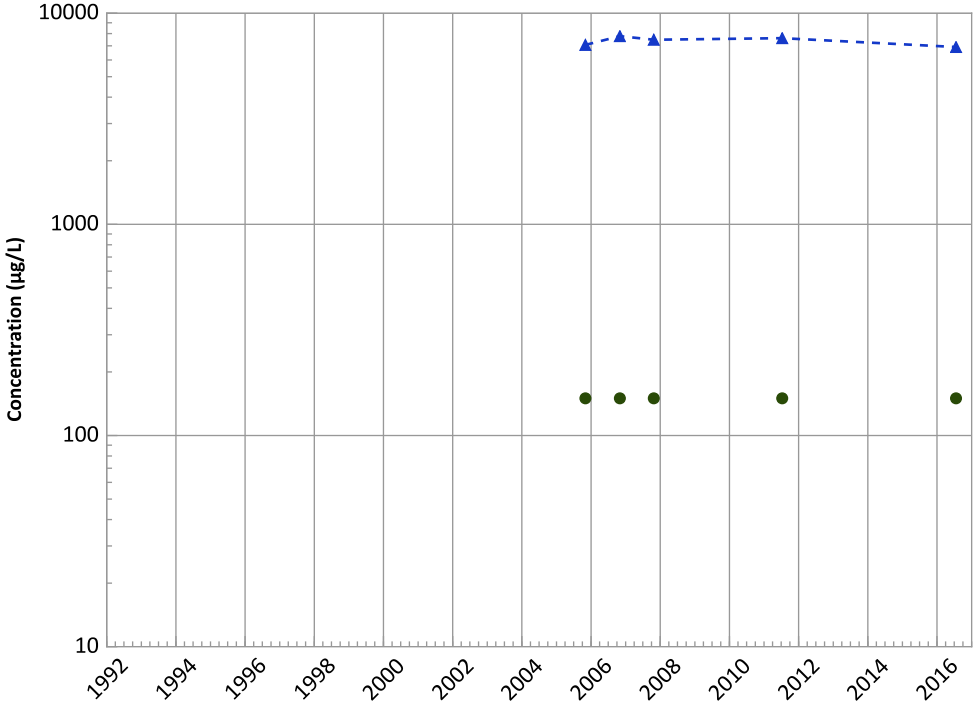


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Potassium Trend



Concentration Trend

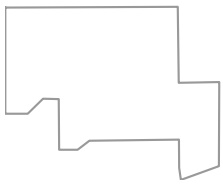
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

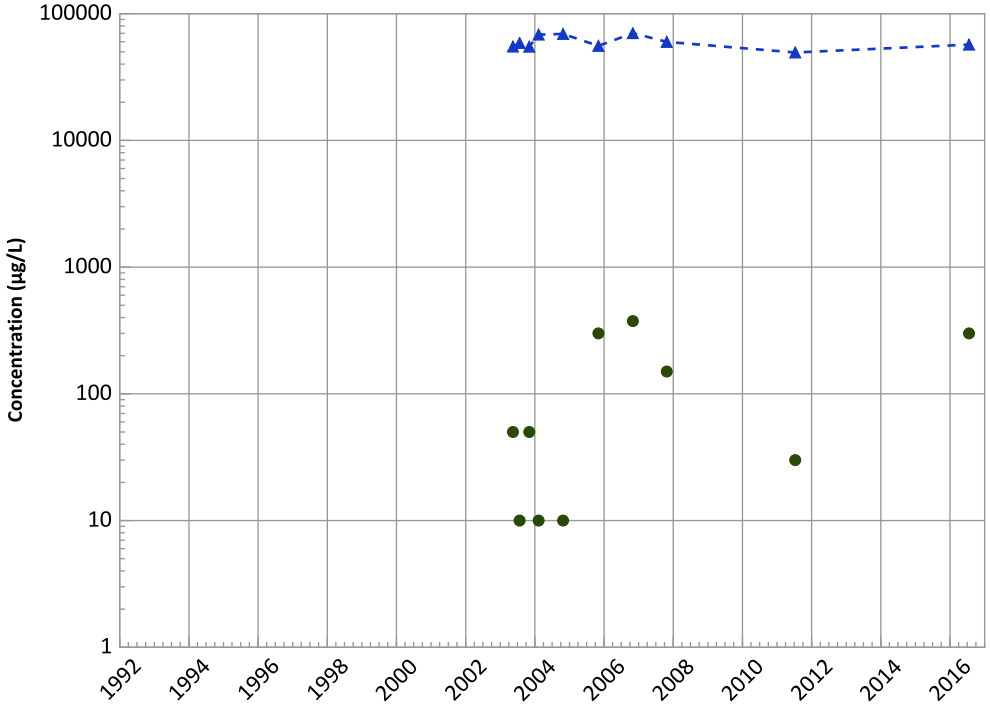
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

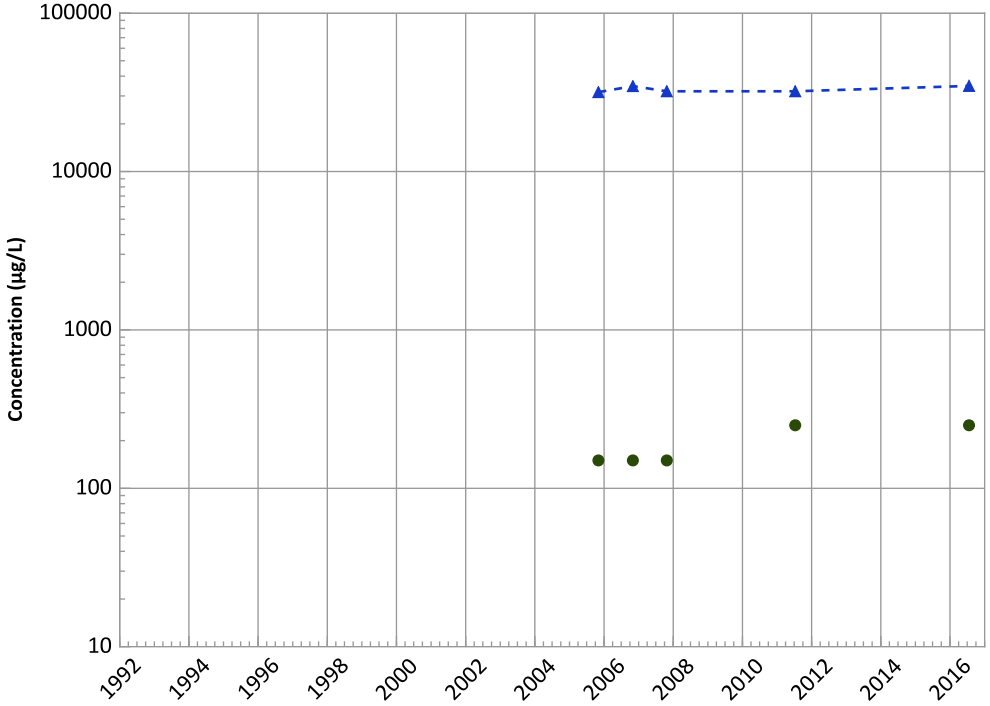


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Sodium Trend



Concentration Trend

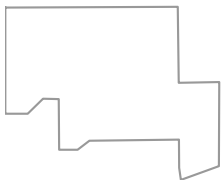
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

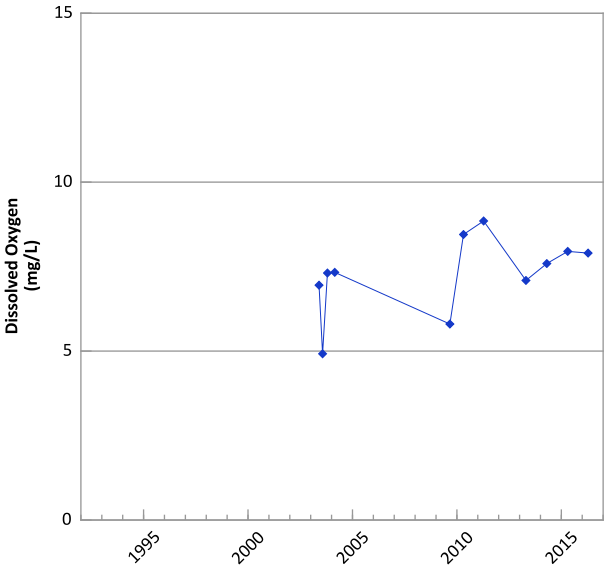
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/15/2003 to 09/13/2016
Analysis Date: 03/07/2017

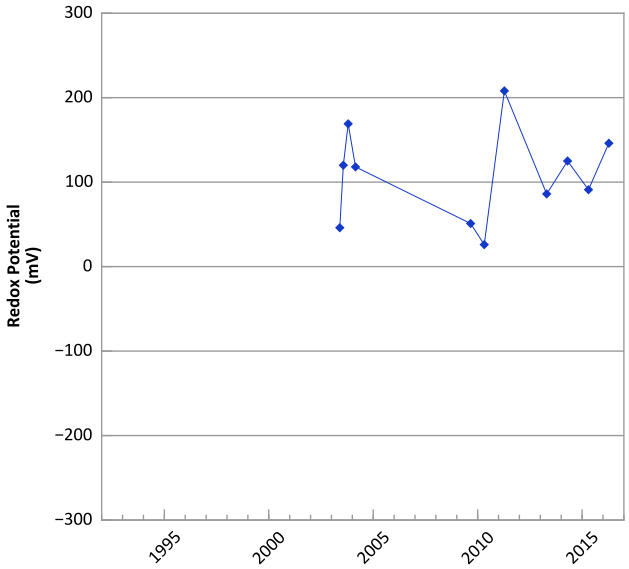
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

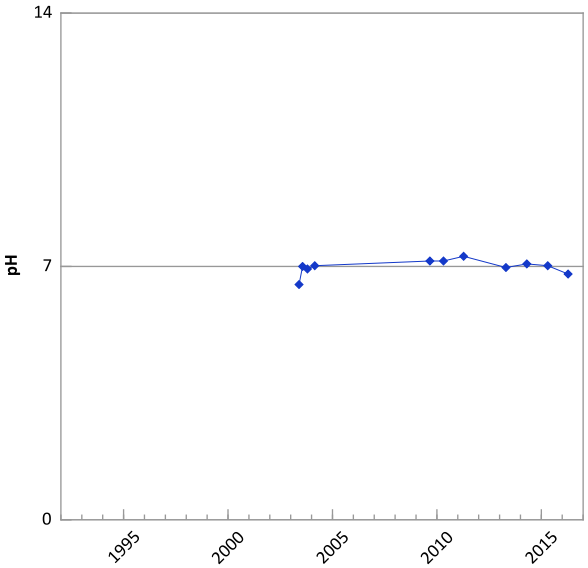
Well Location

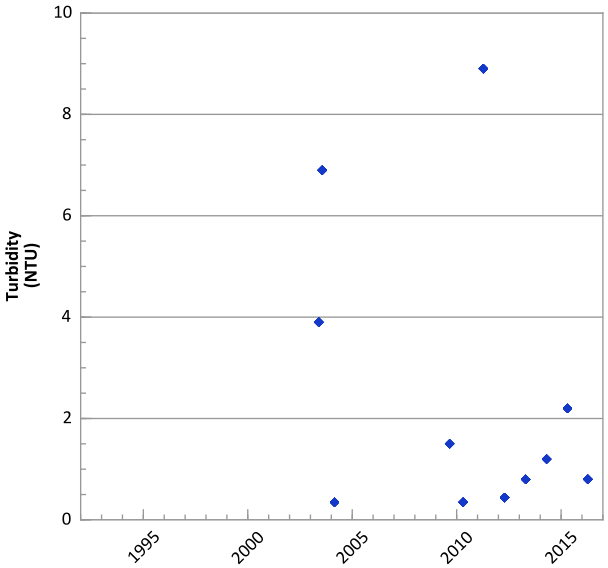


PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



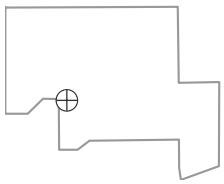






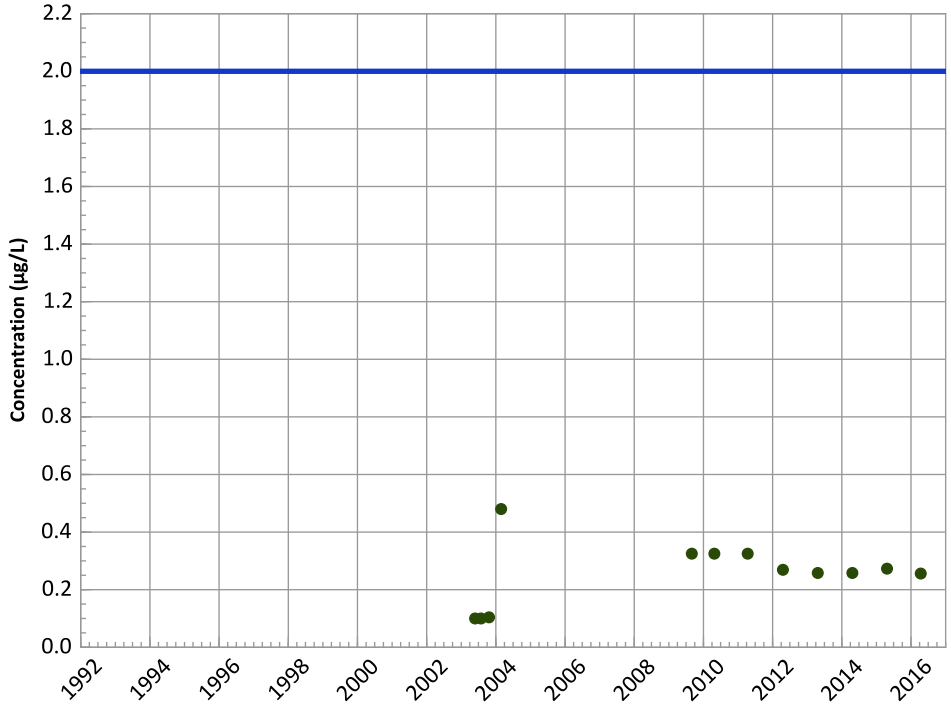
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

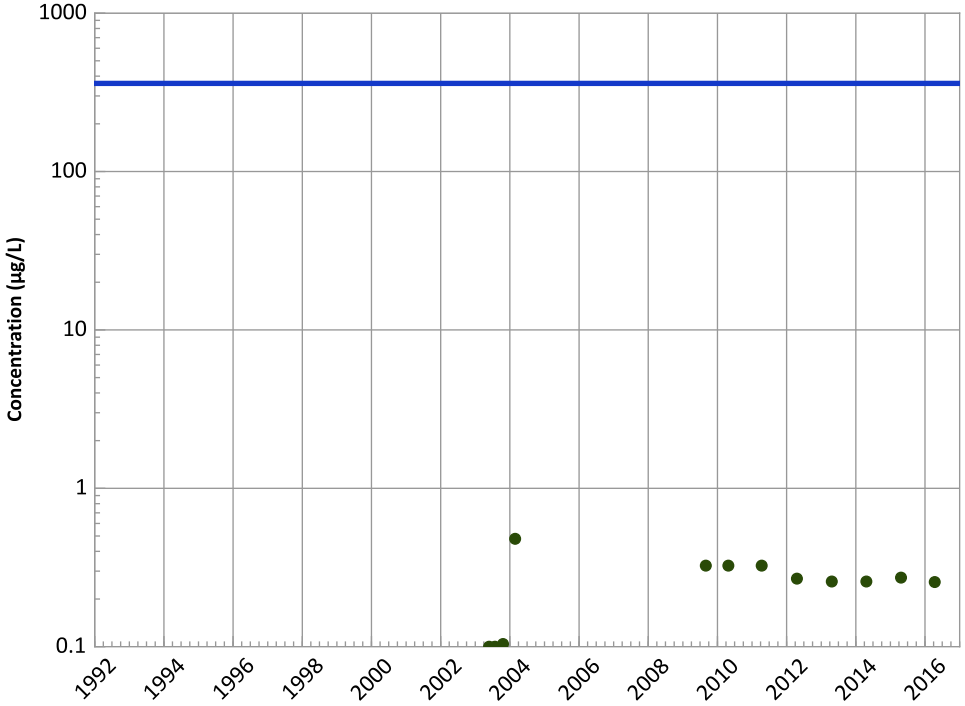


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

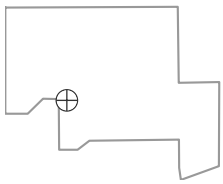
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

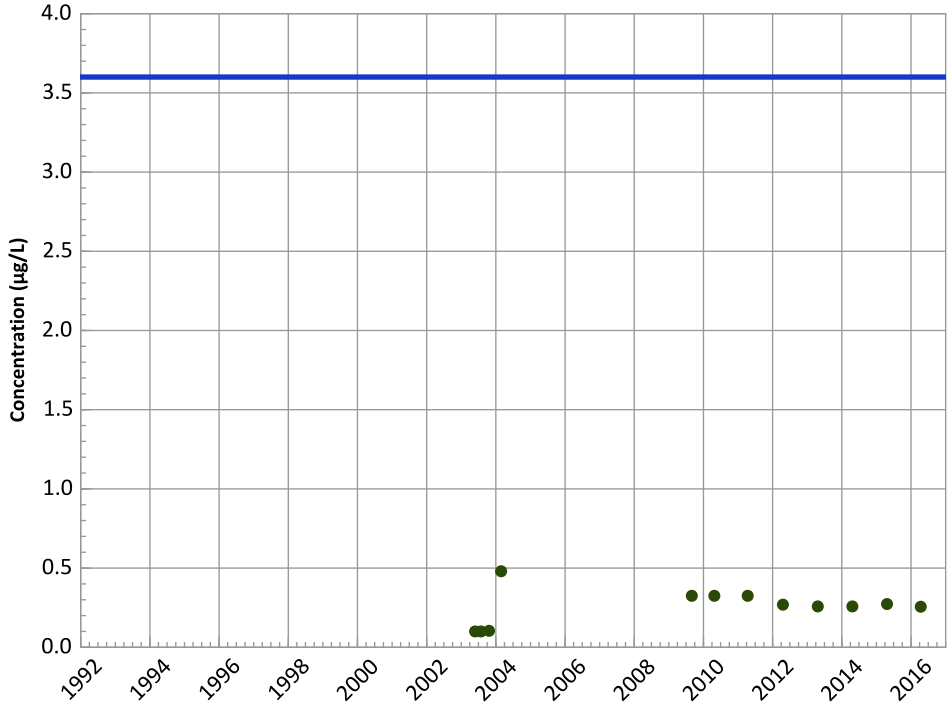
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

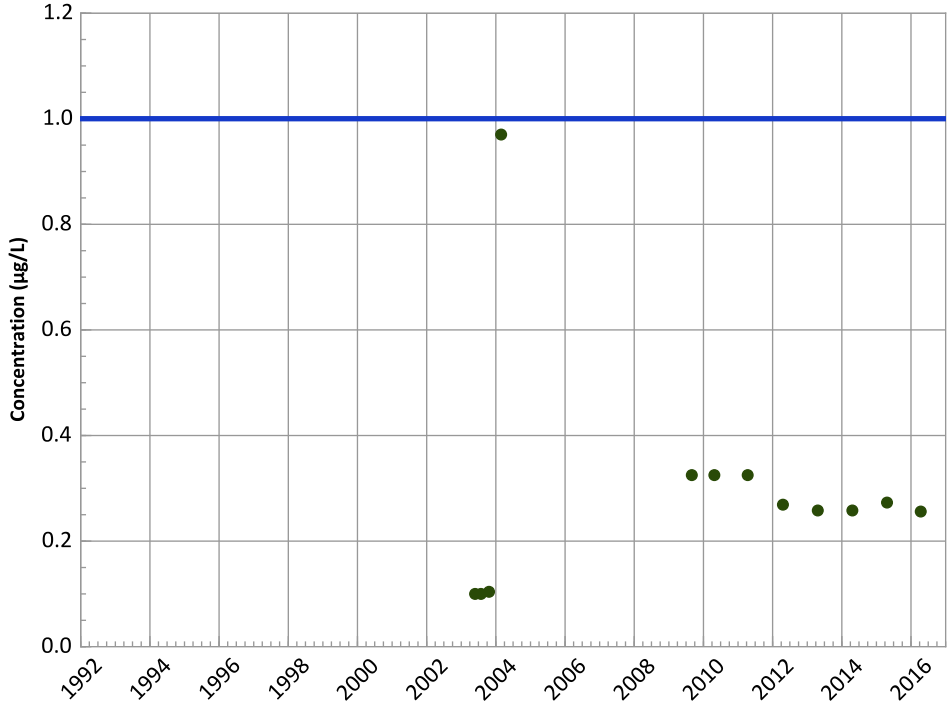


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

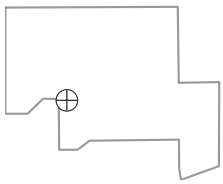
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

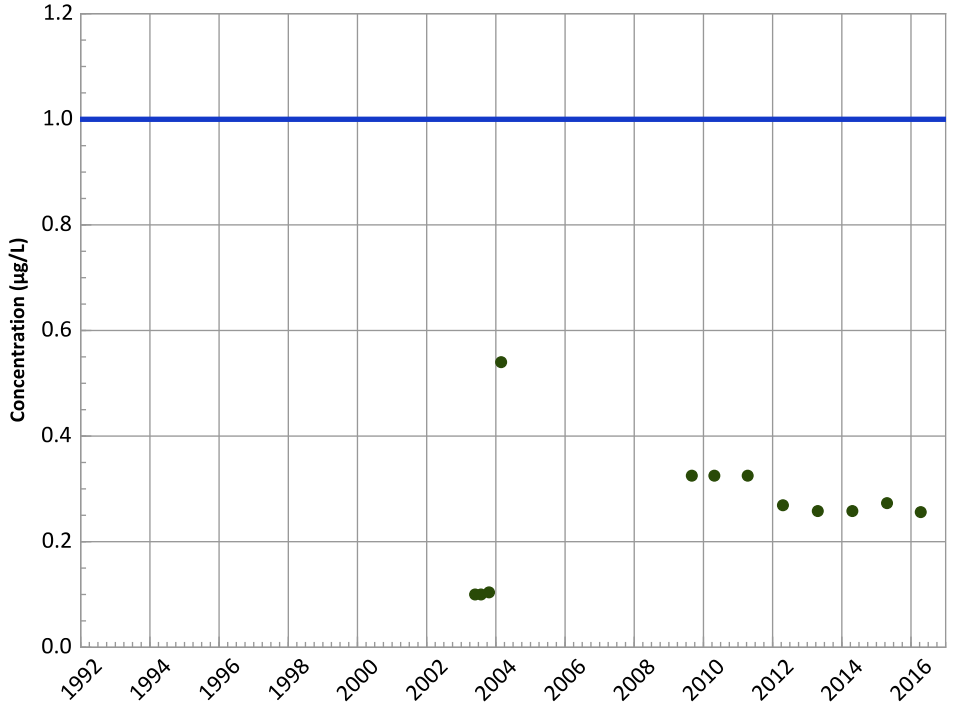
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

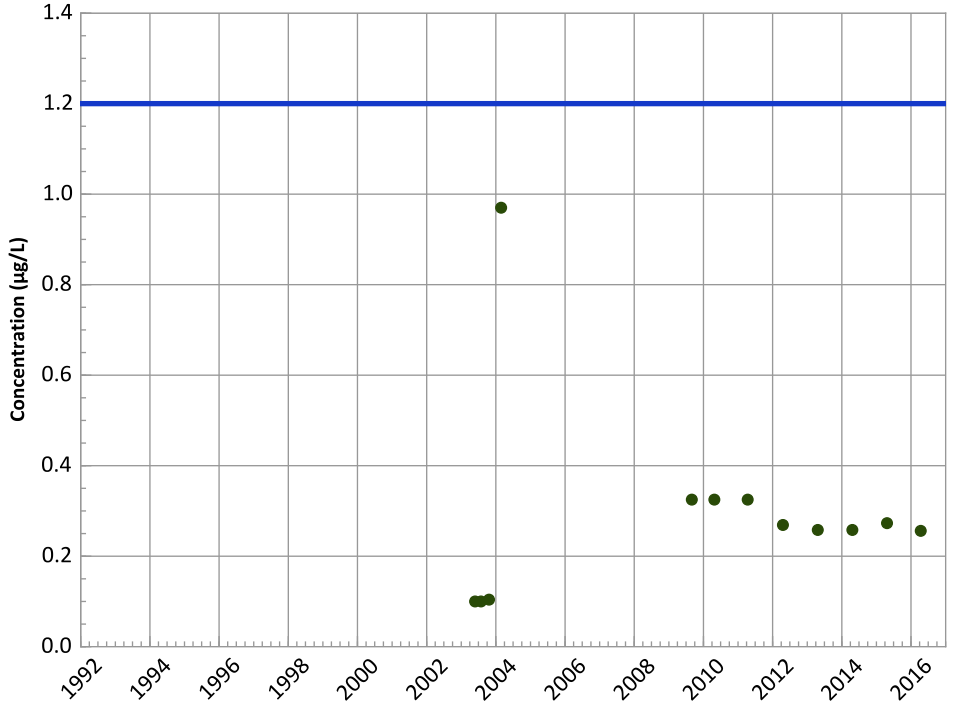


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

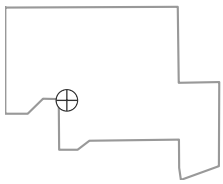
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

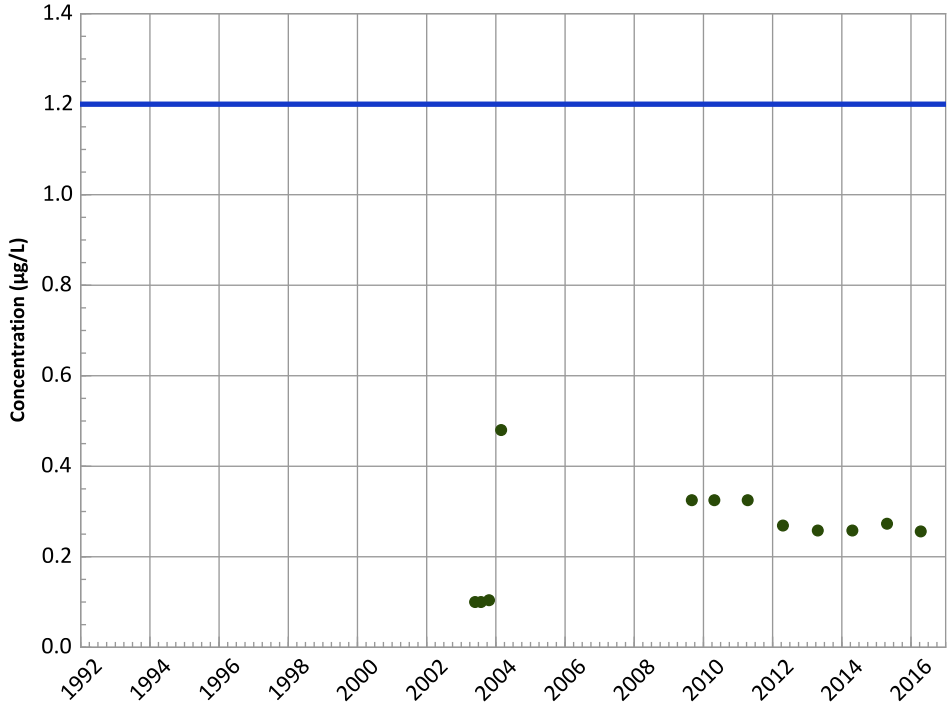
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

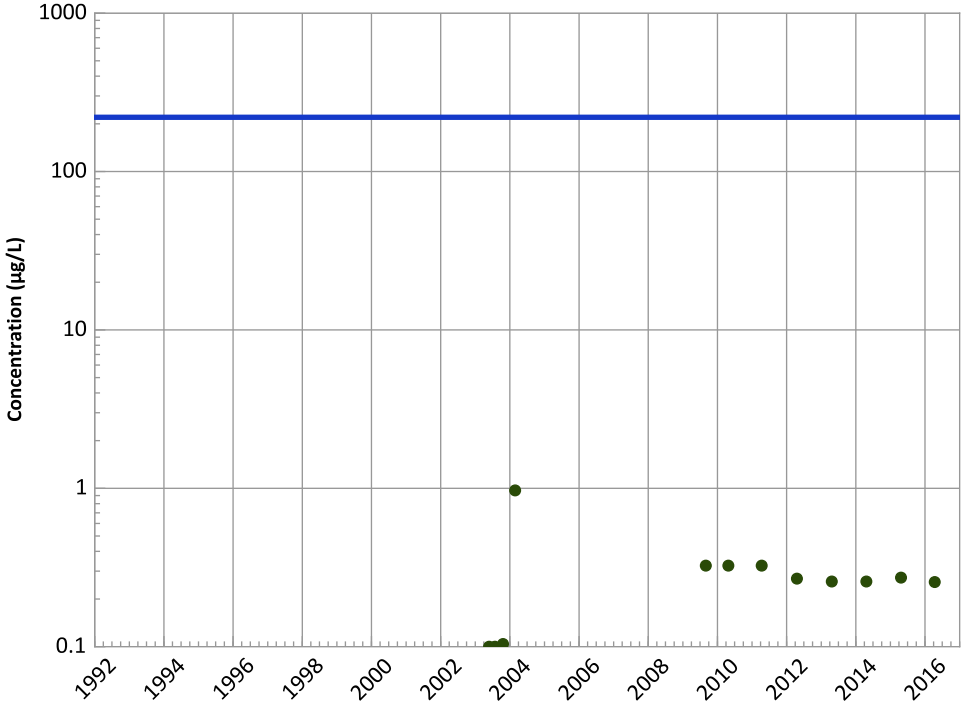


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

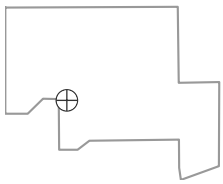
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

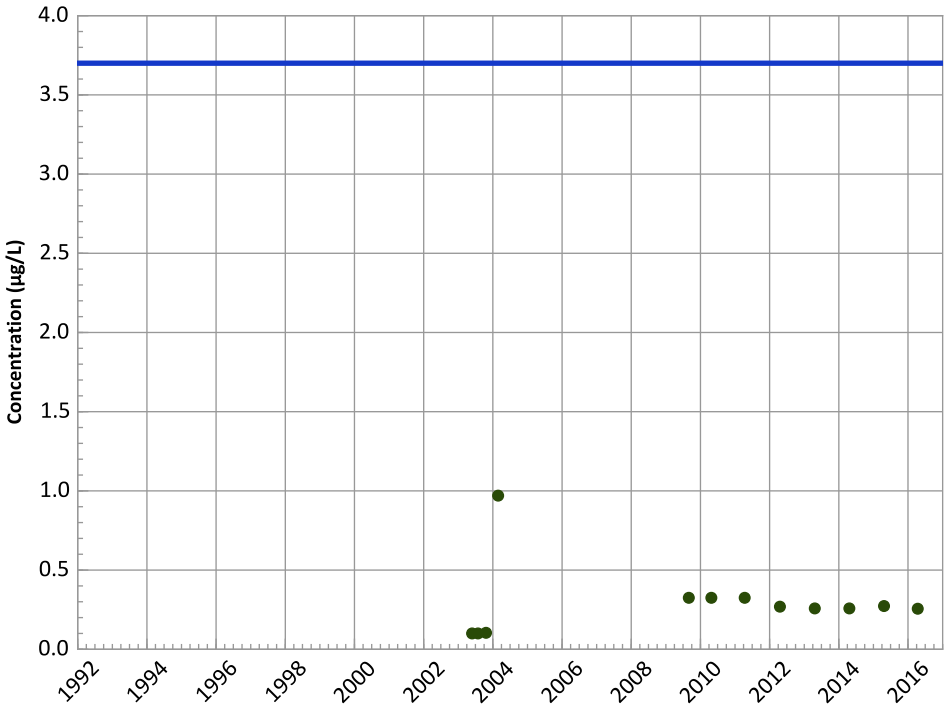
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

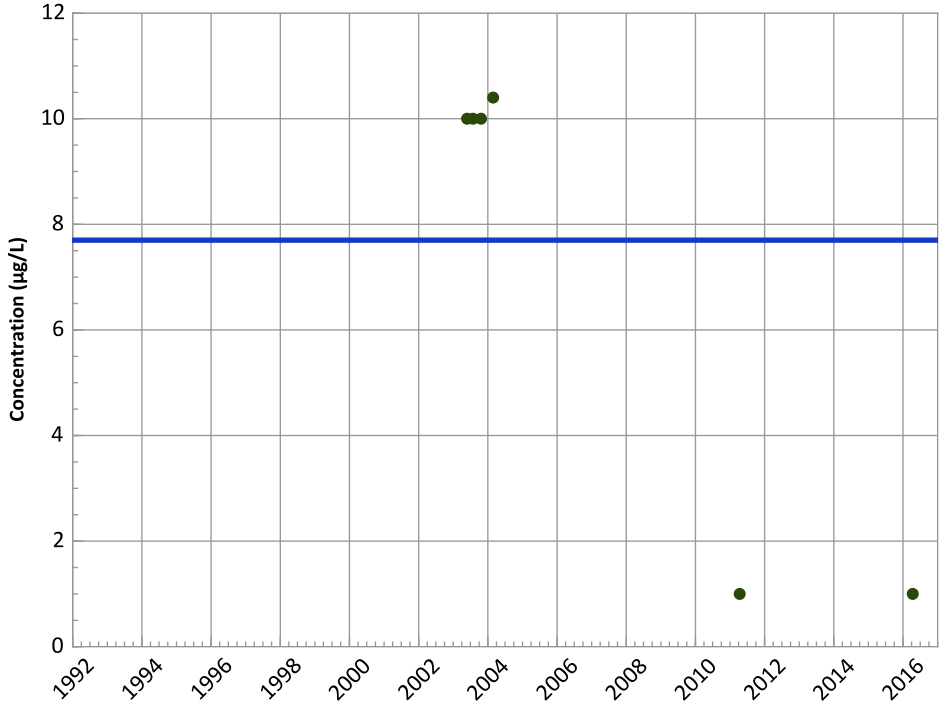


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

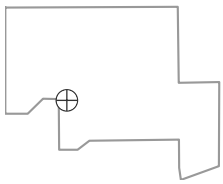
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

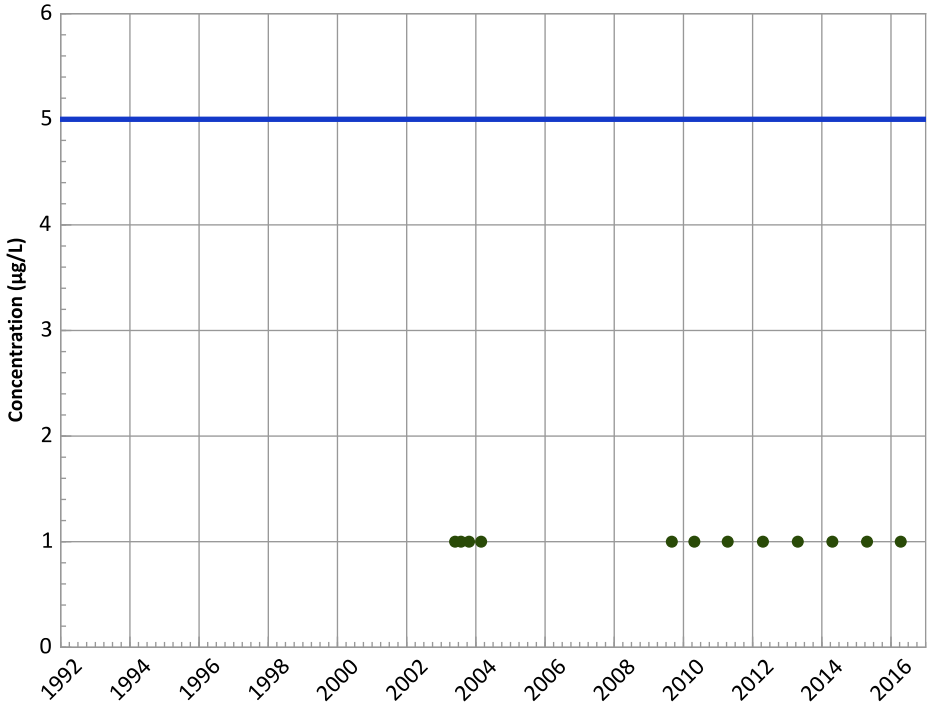
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

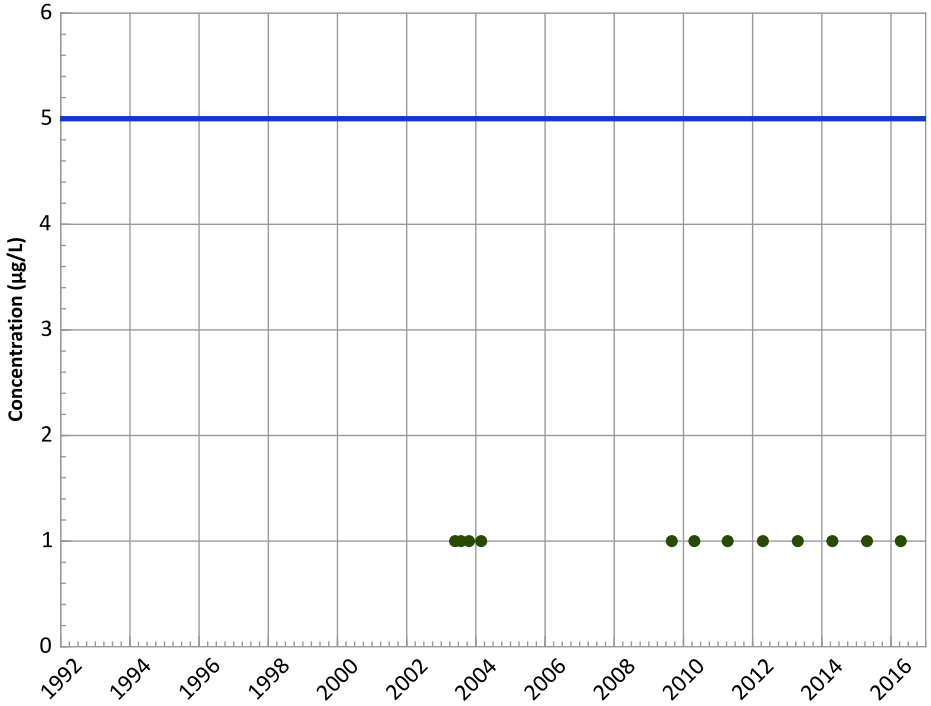


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

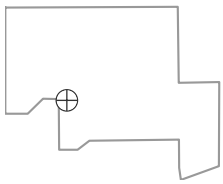
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

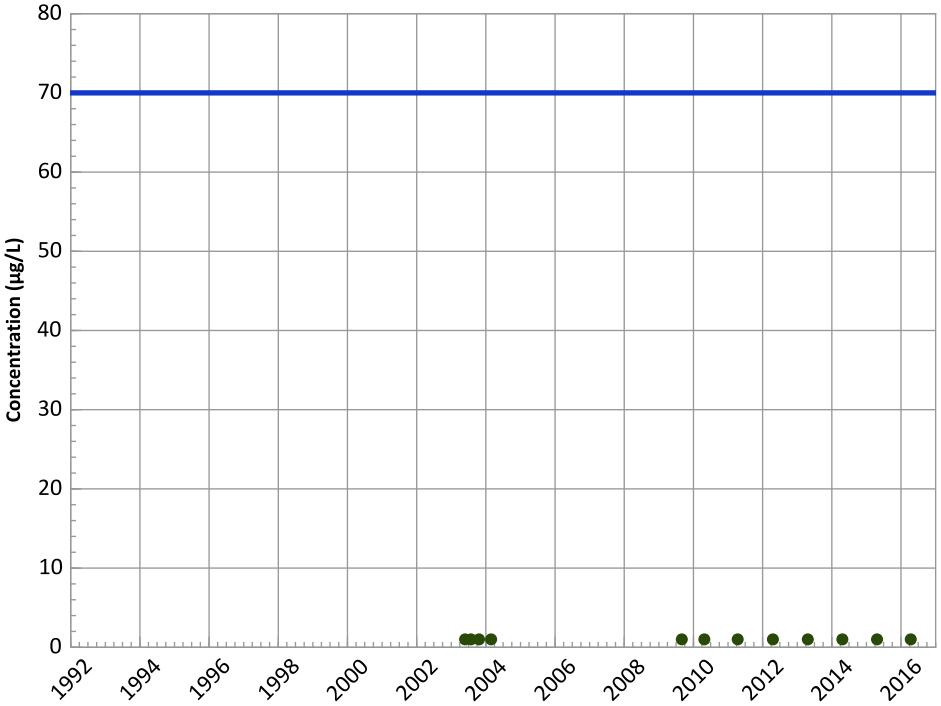
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

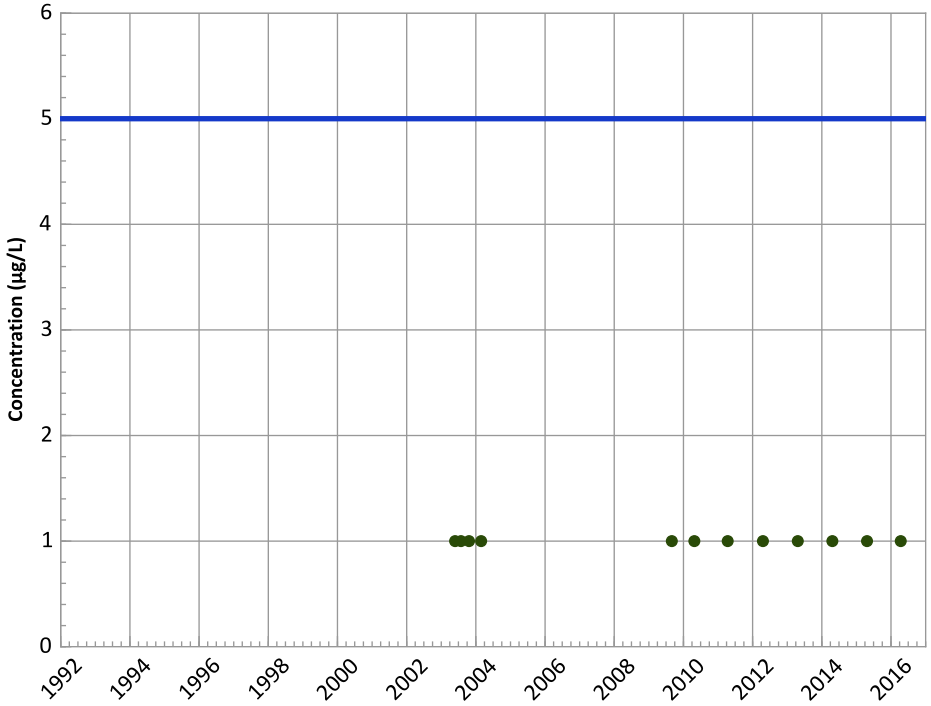


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

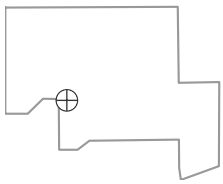
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

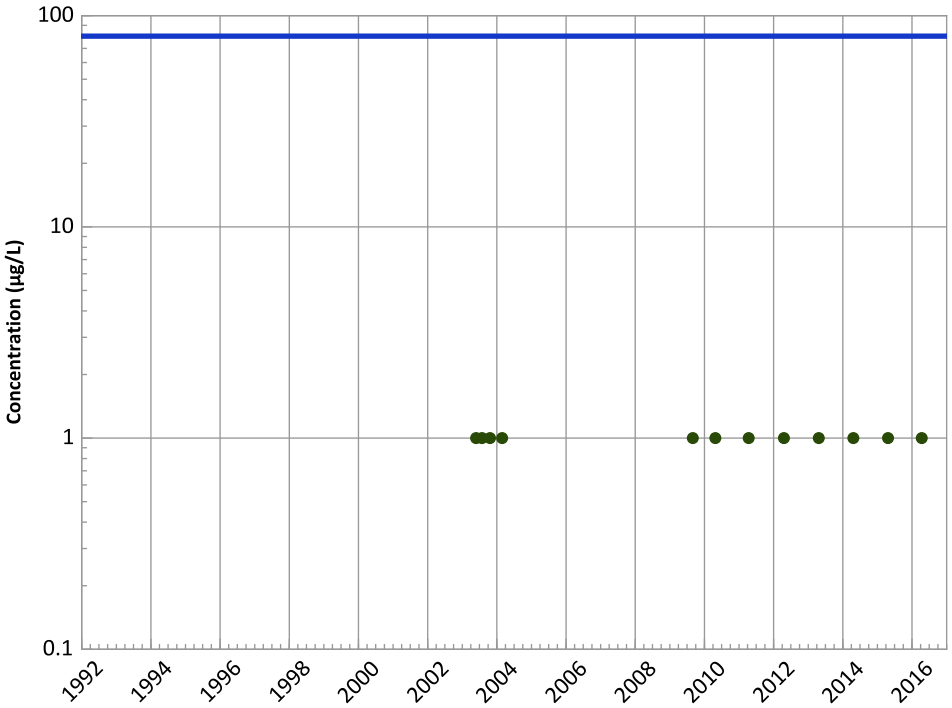
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

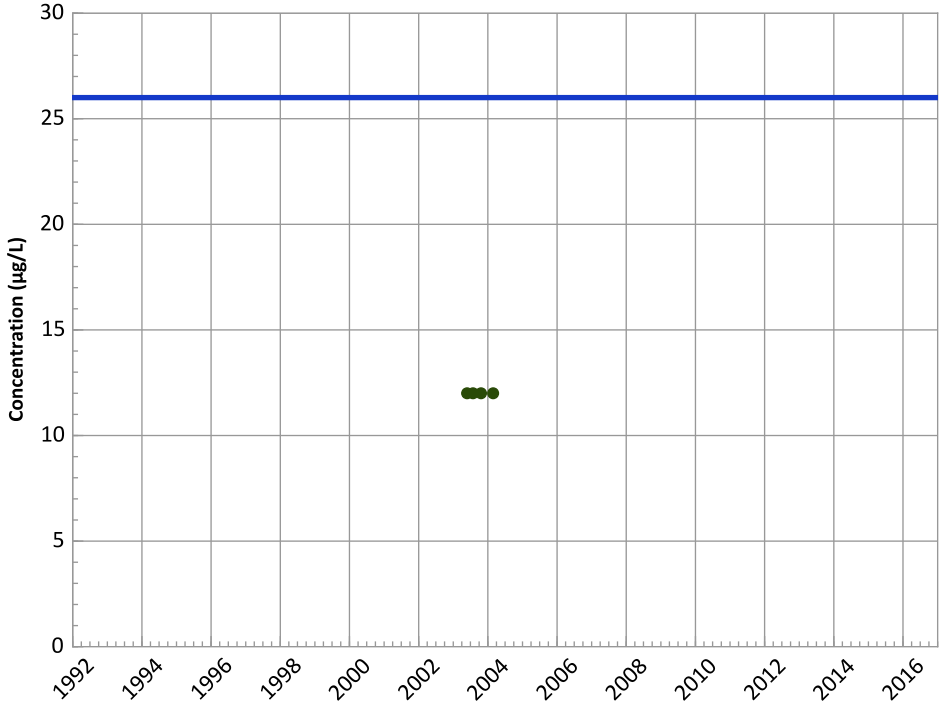


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

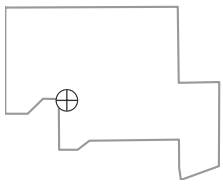
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

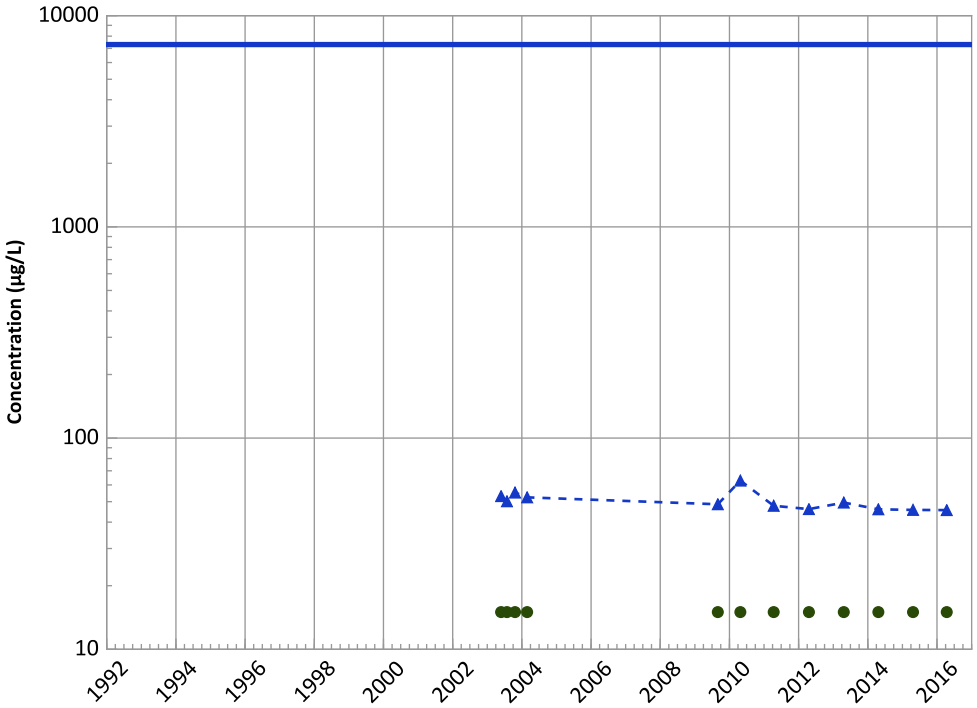
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

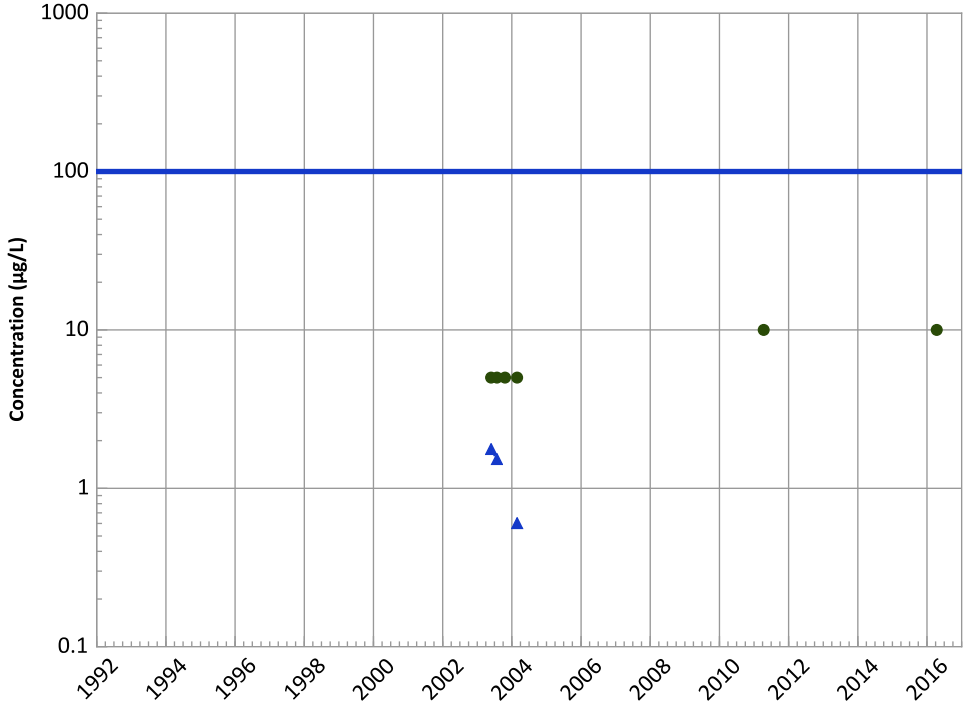


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

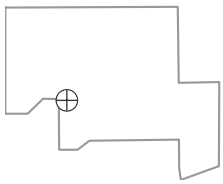
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

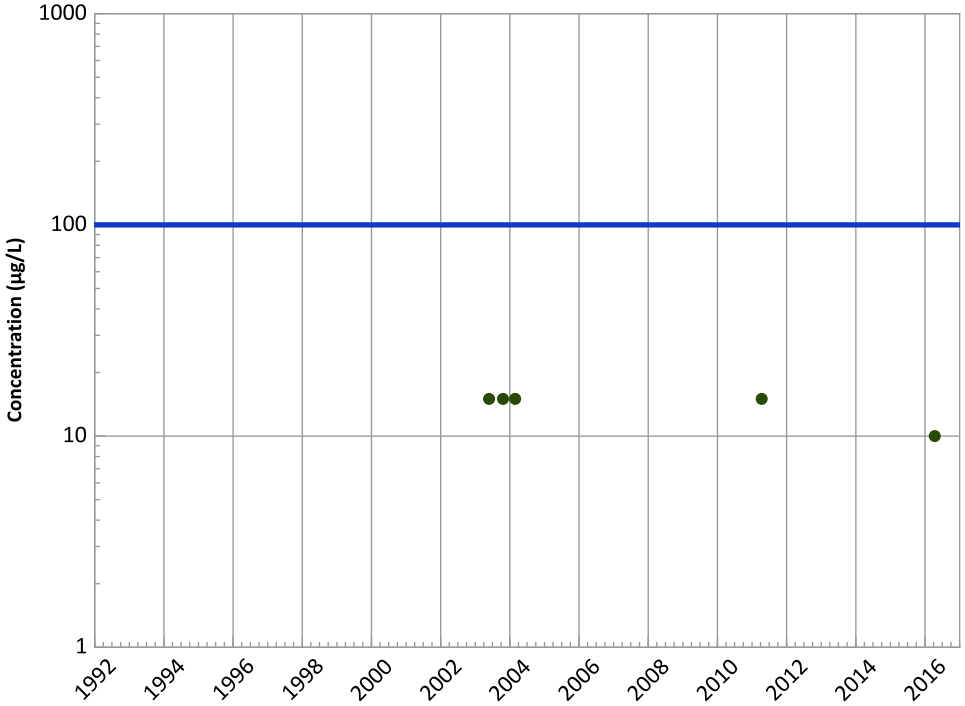
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

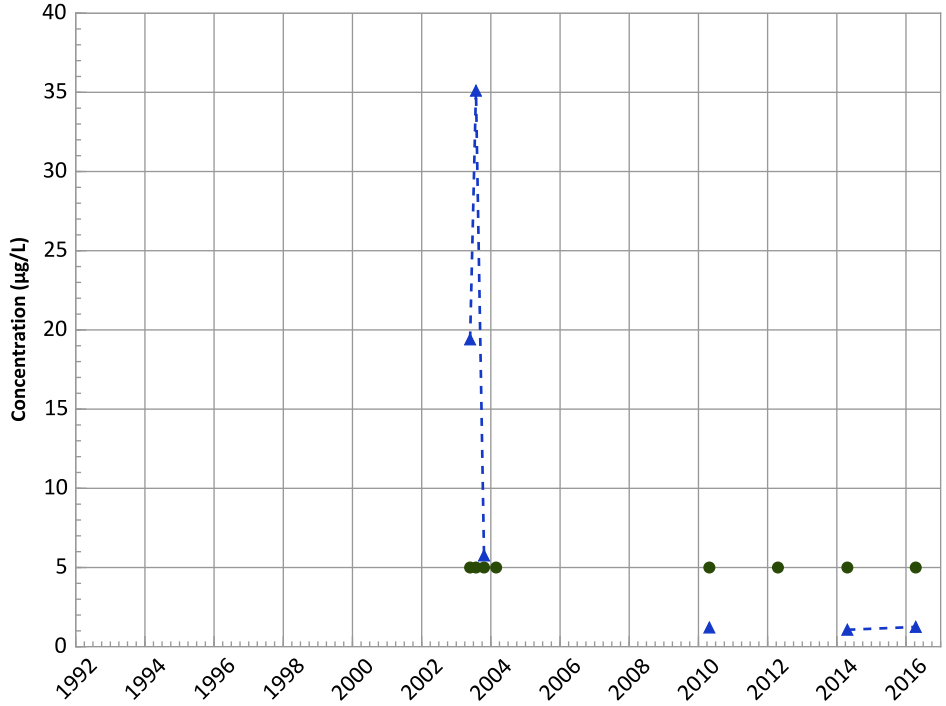


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Manganese Trend



Concentration Trend

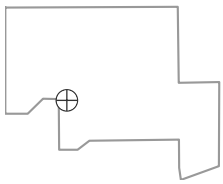
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

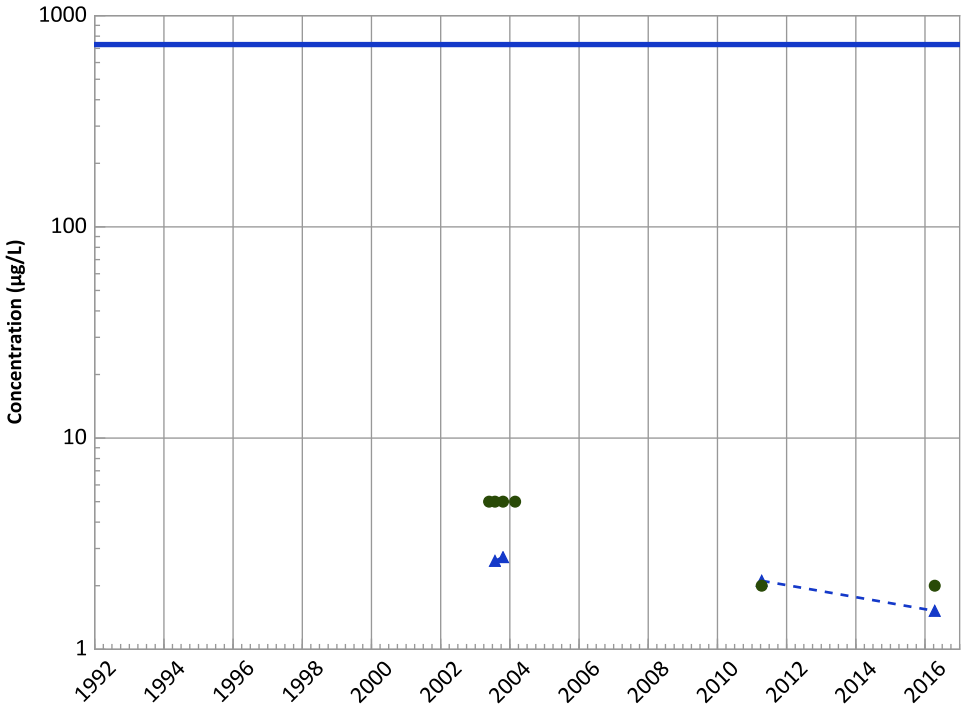
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

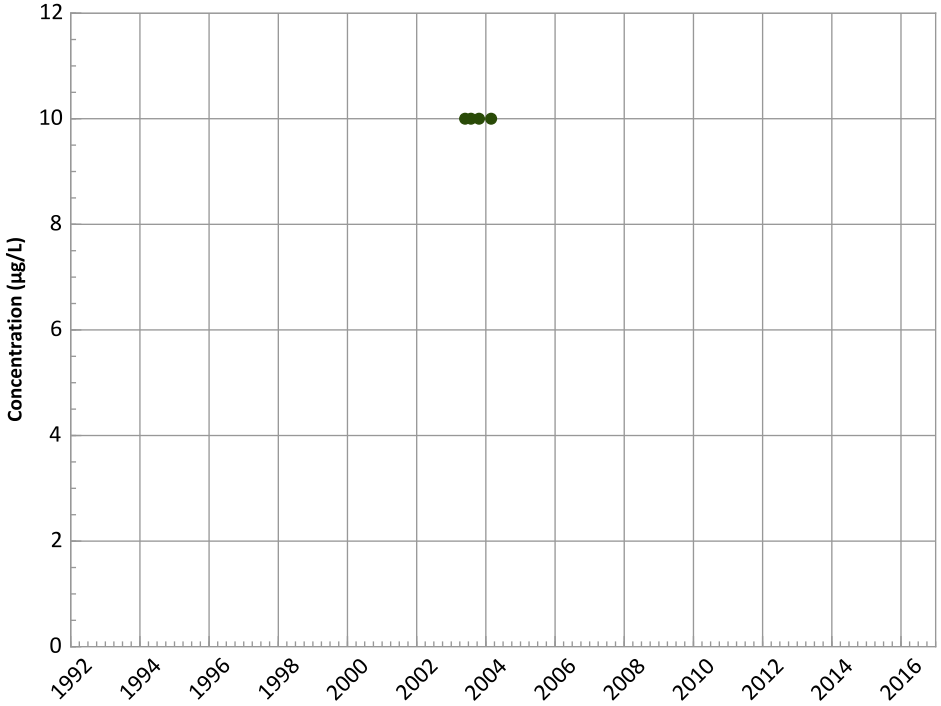


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Molybdenum Trend



Concentration Trend

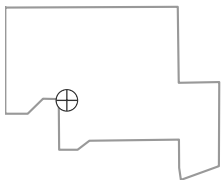
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

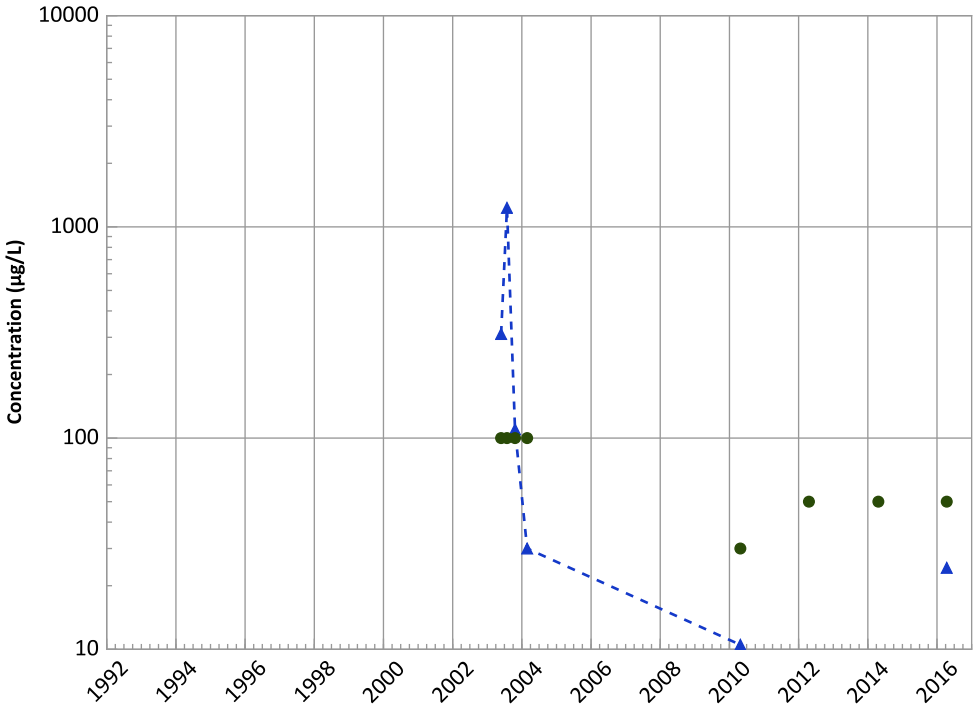
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

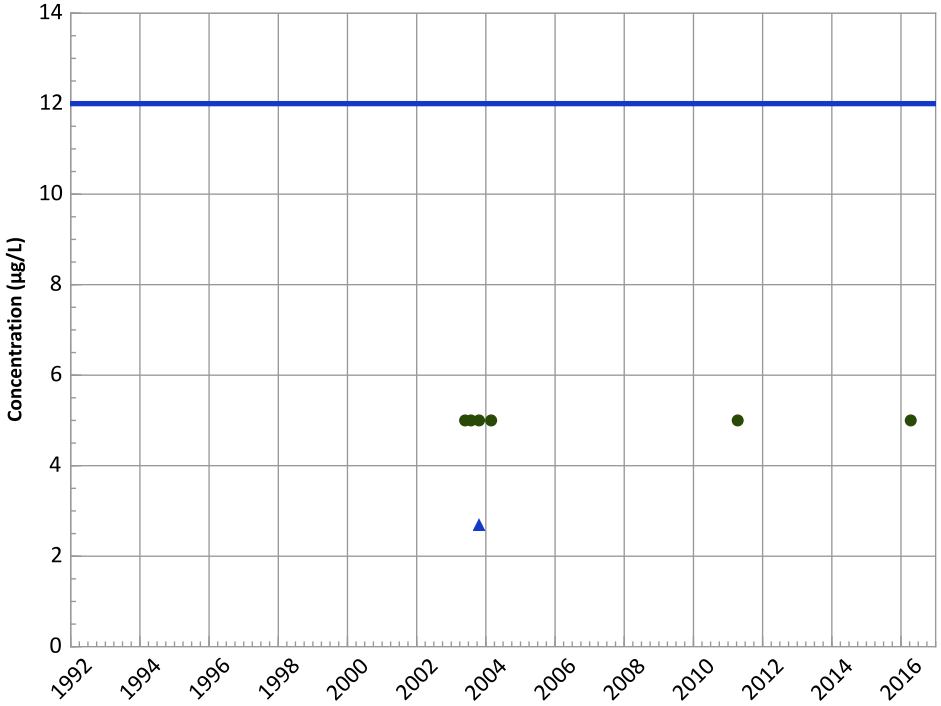


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

Arsenic Trend



Concentration Trend

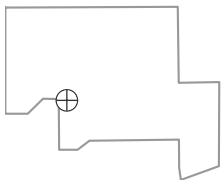
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

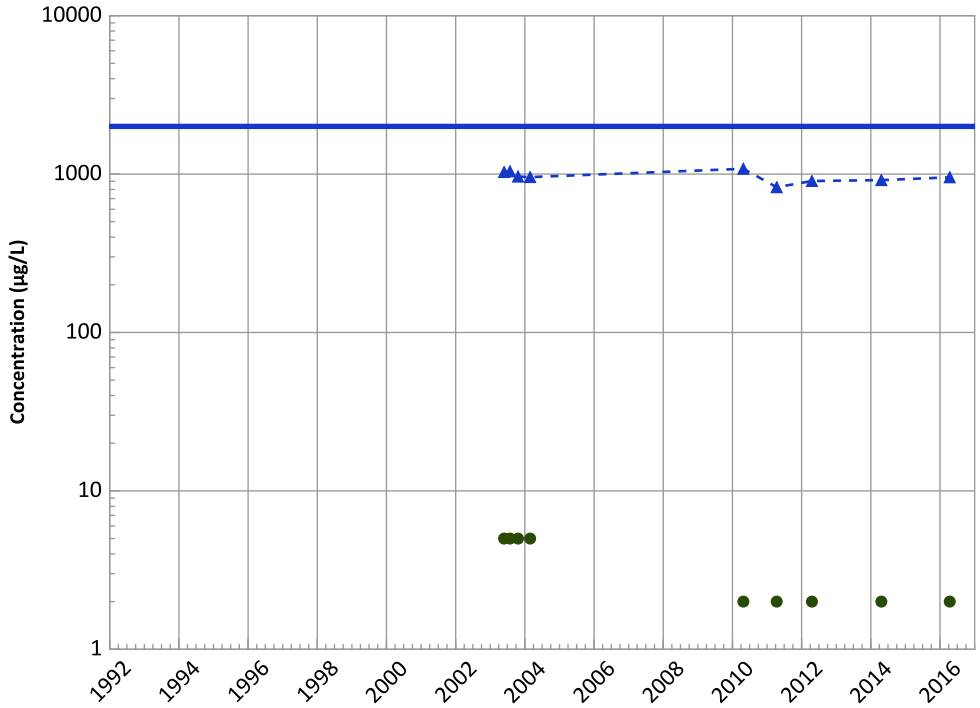
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

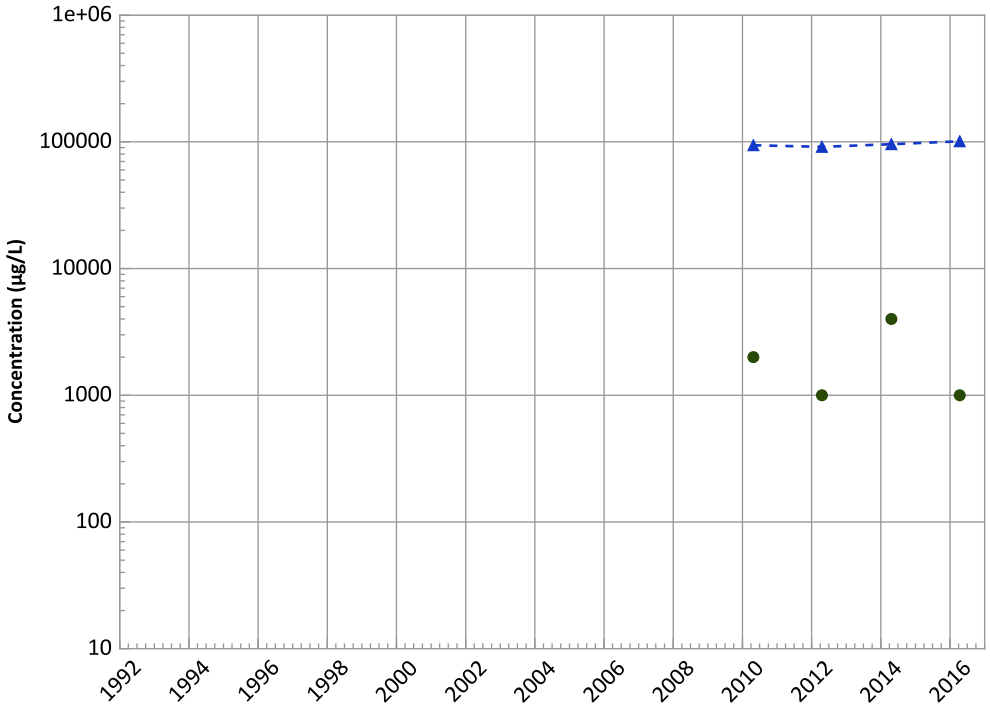


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Calcium Trend



Concentration Trend

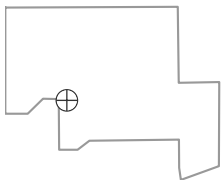
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

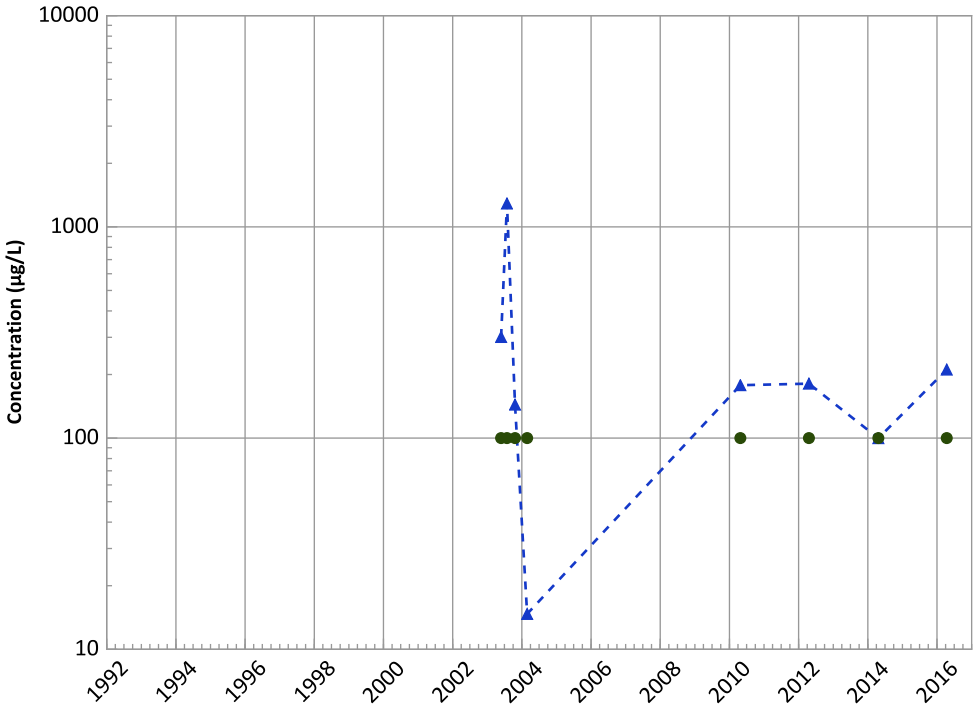
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

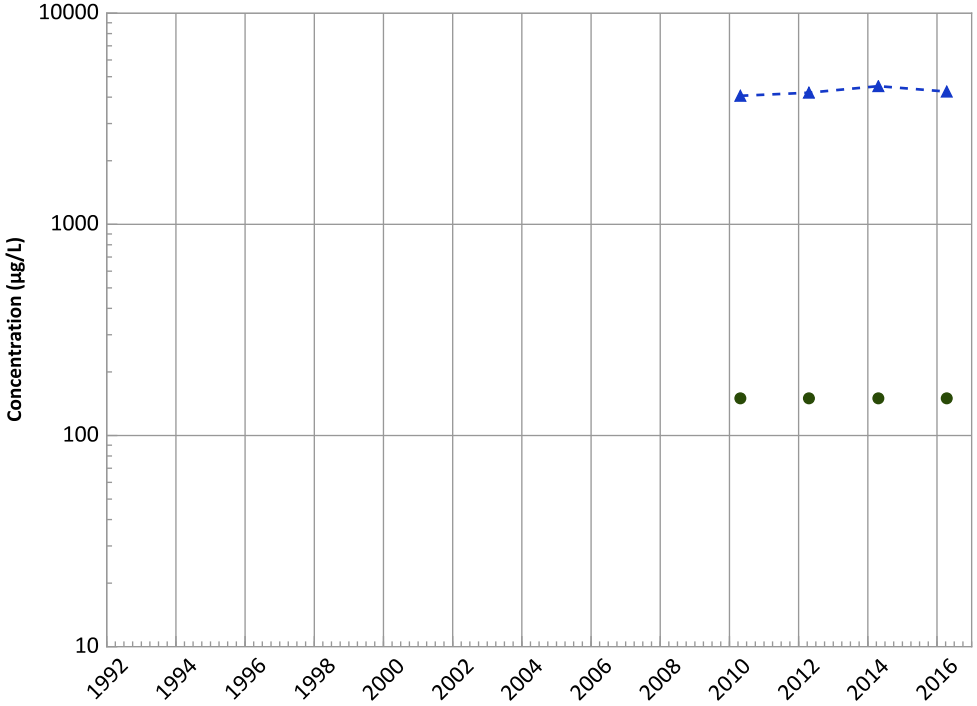


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

Potassium Trend



Concentration Trend

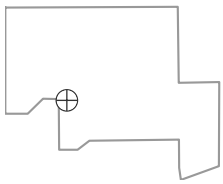
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

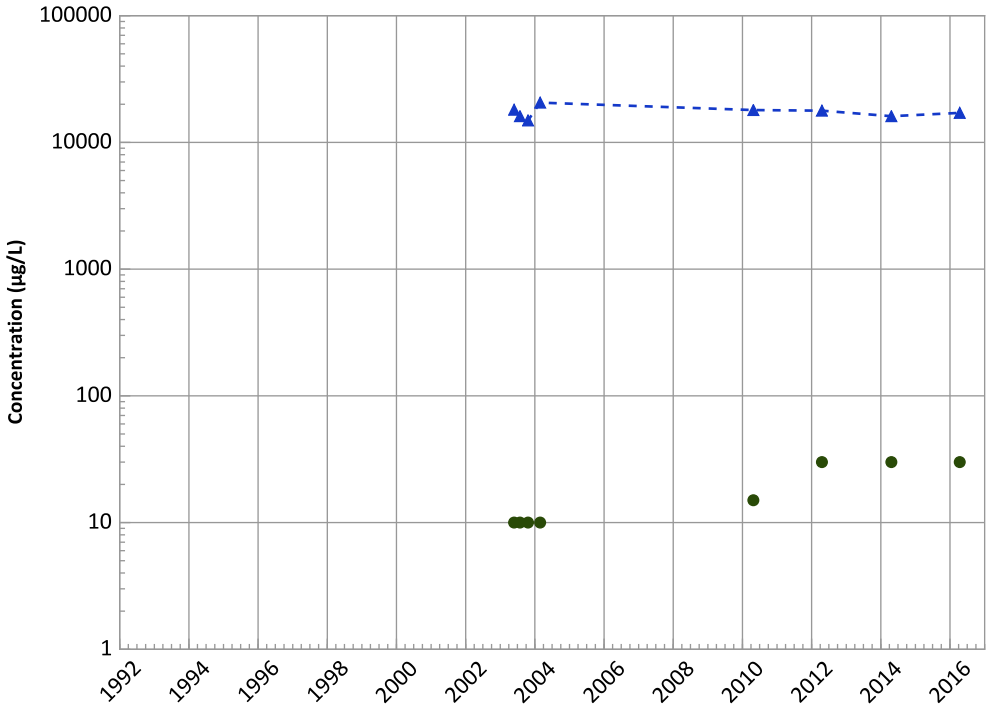
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

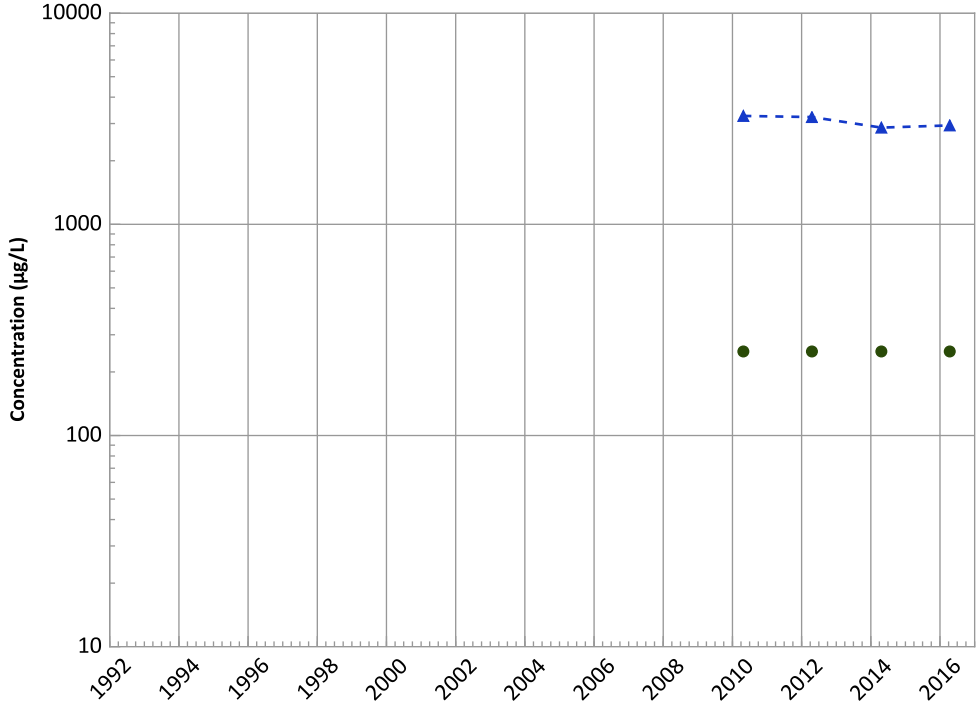


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Sodium Trend



Concentration Trend

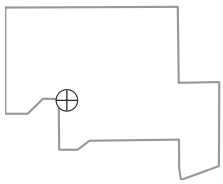
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

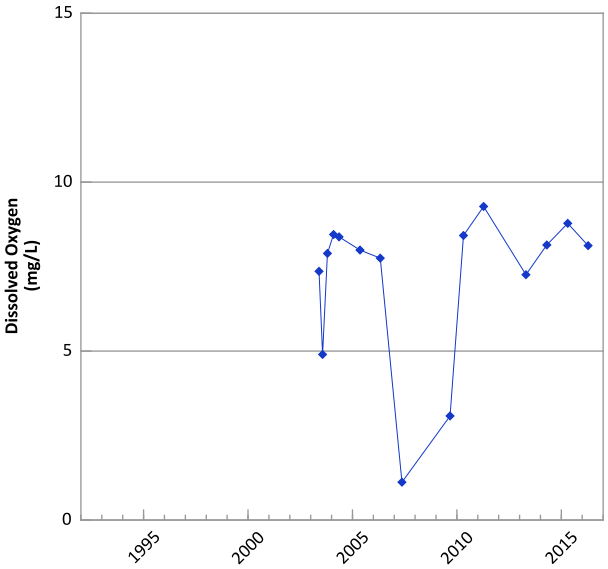
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

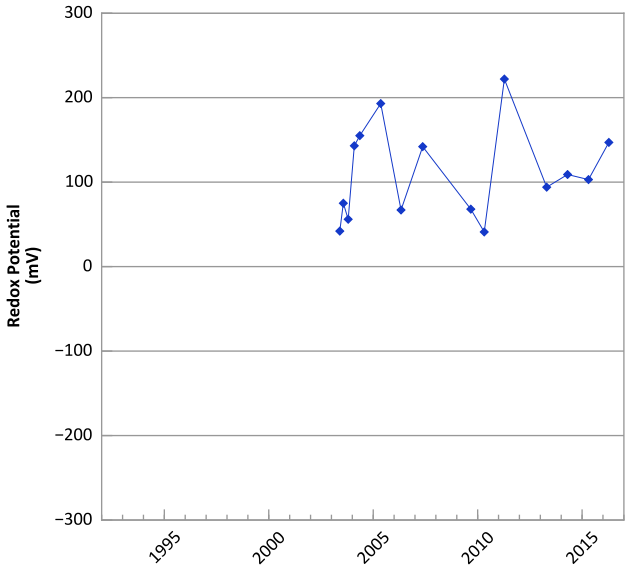
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

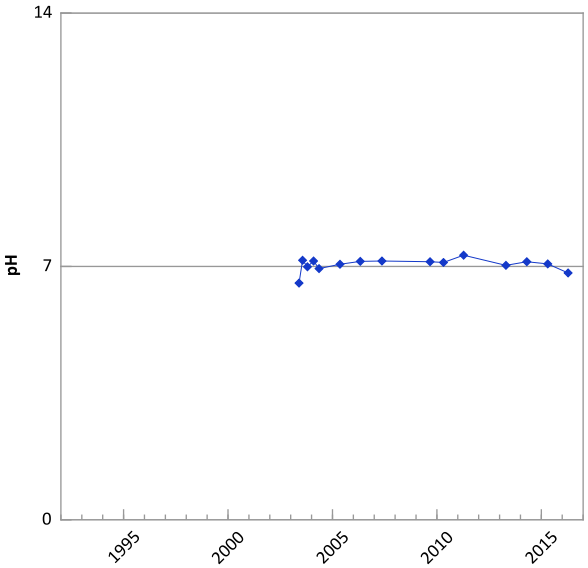
Well Location

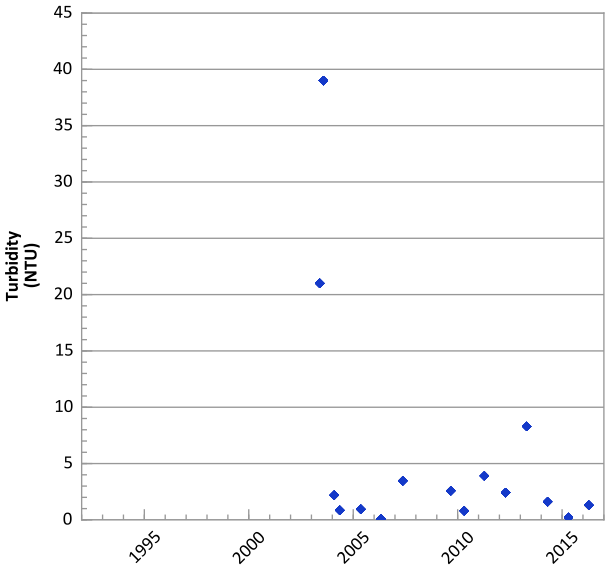


PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



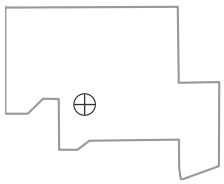






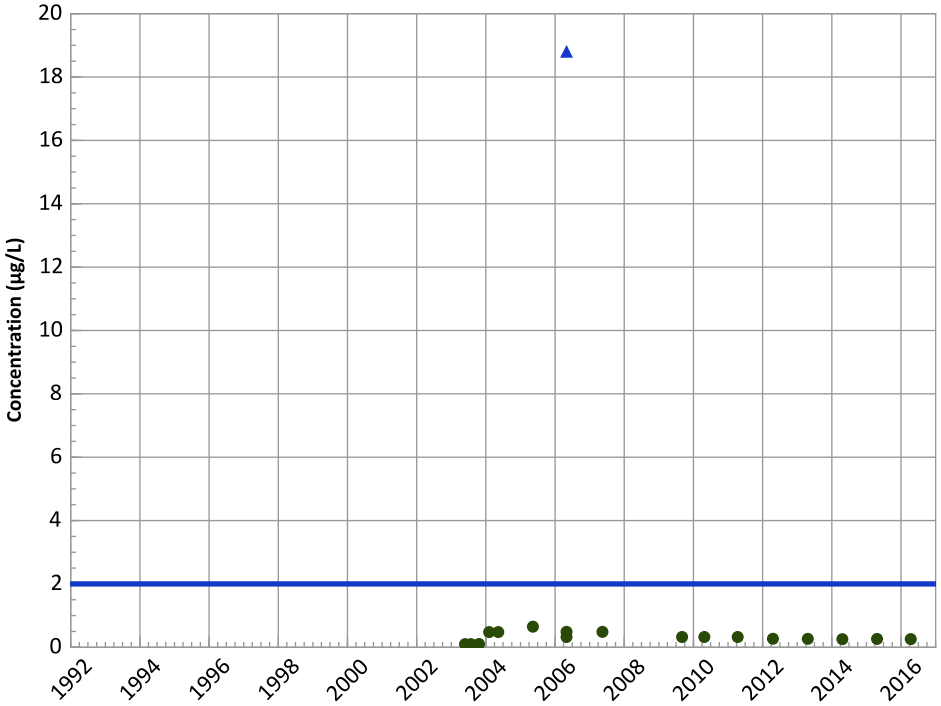
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

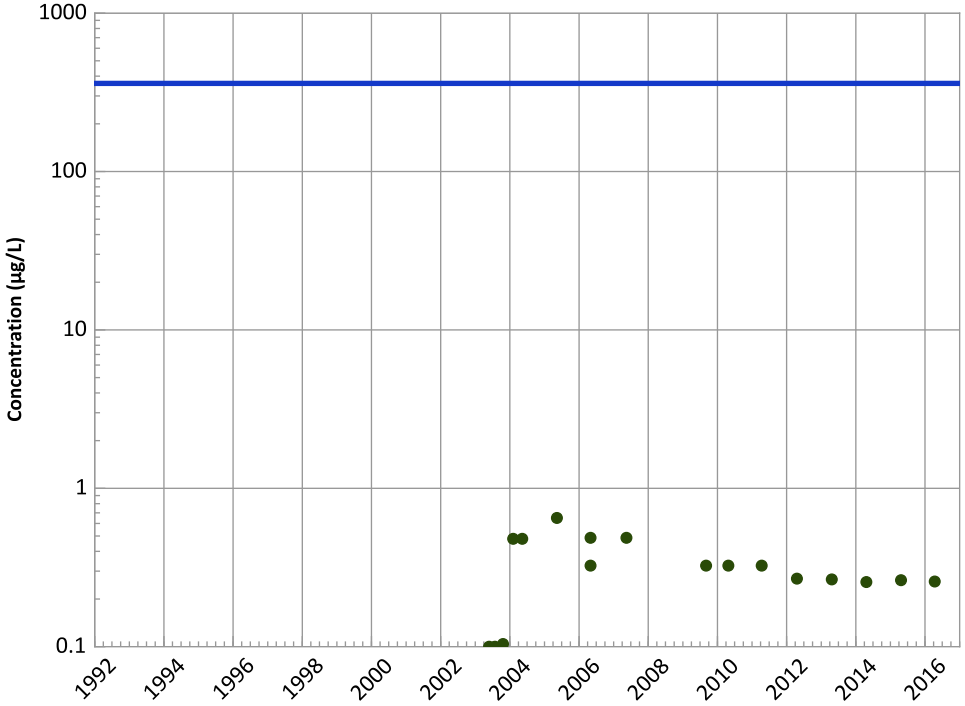


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

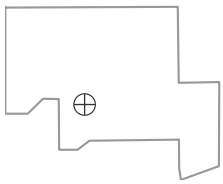
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

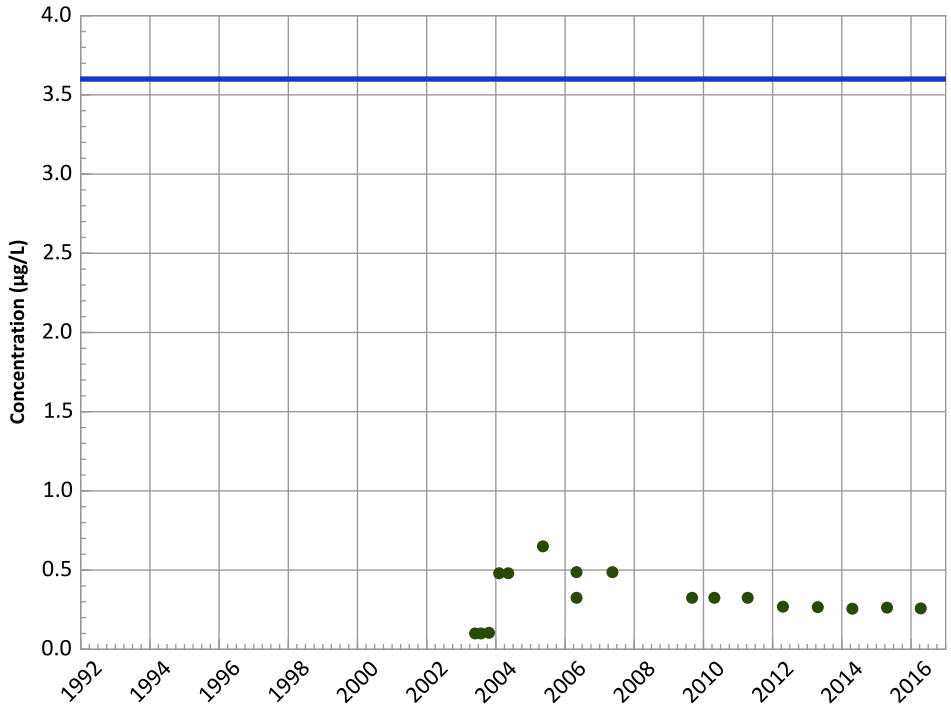
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

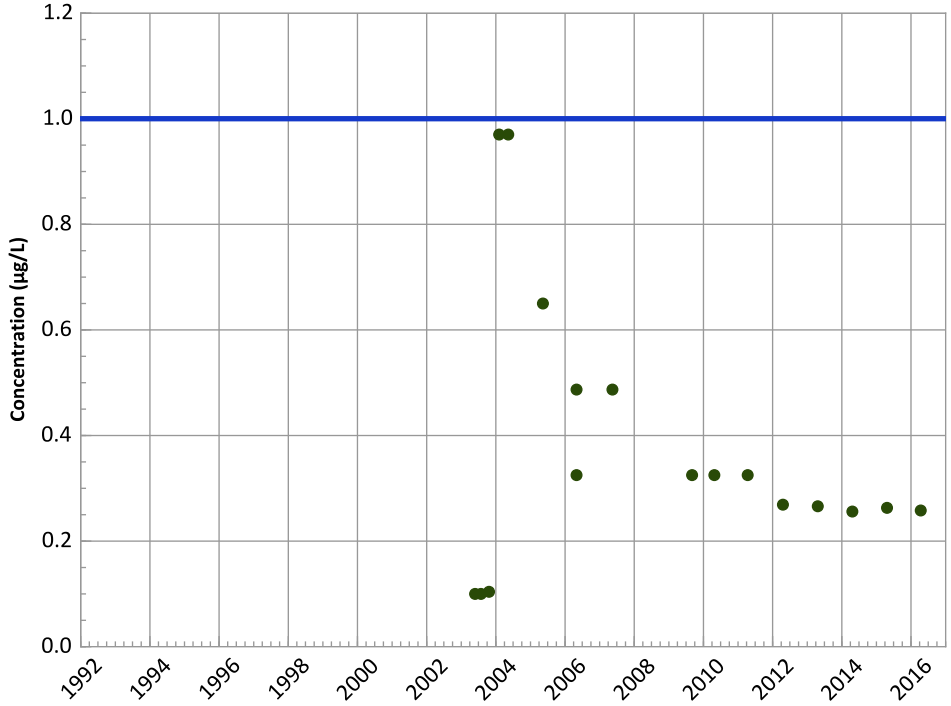


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

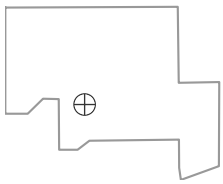
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

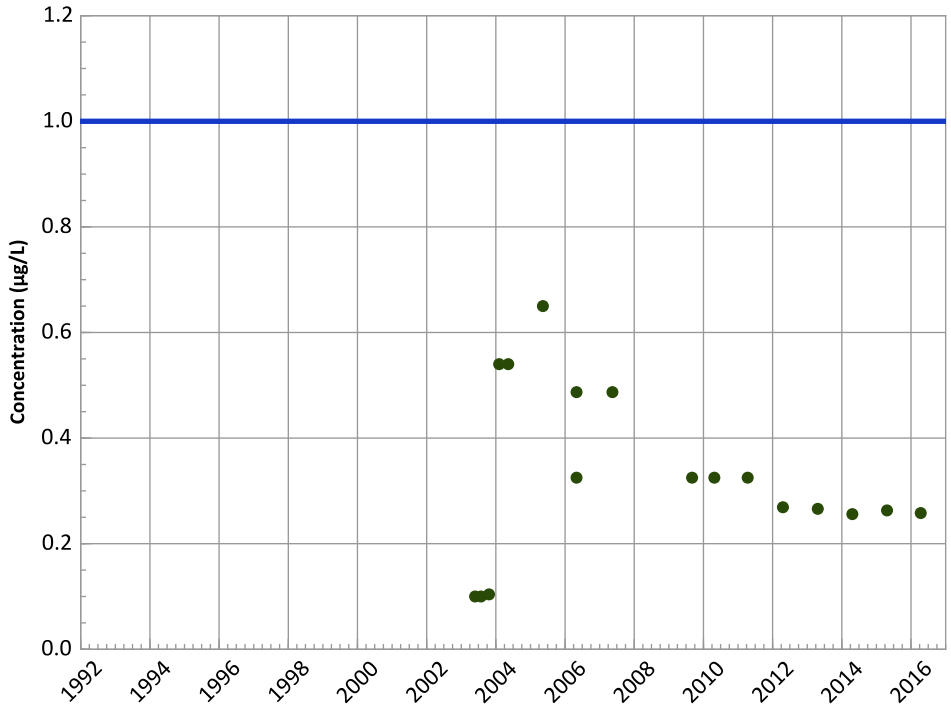
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

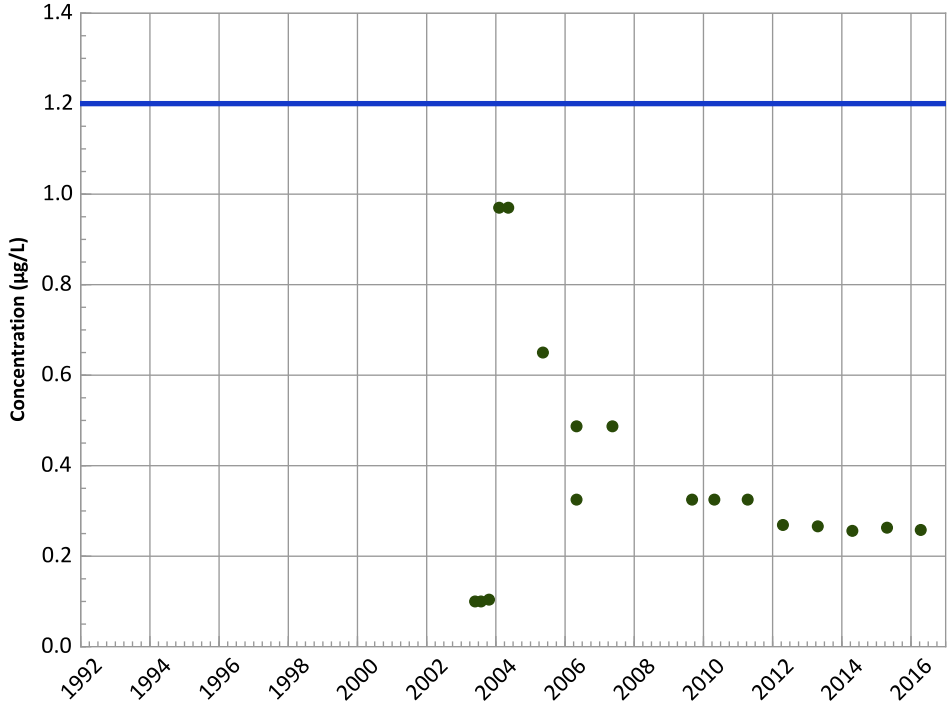


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

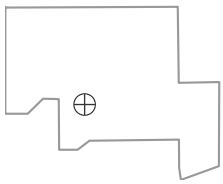
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

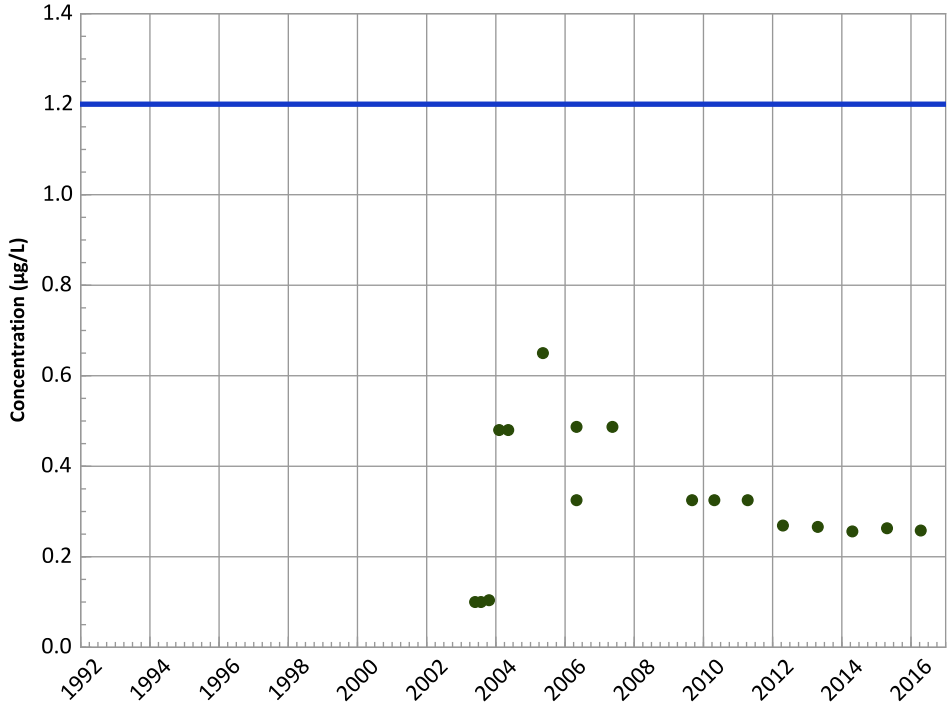
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

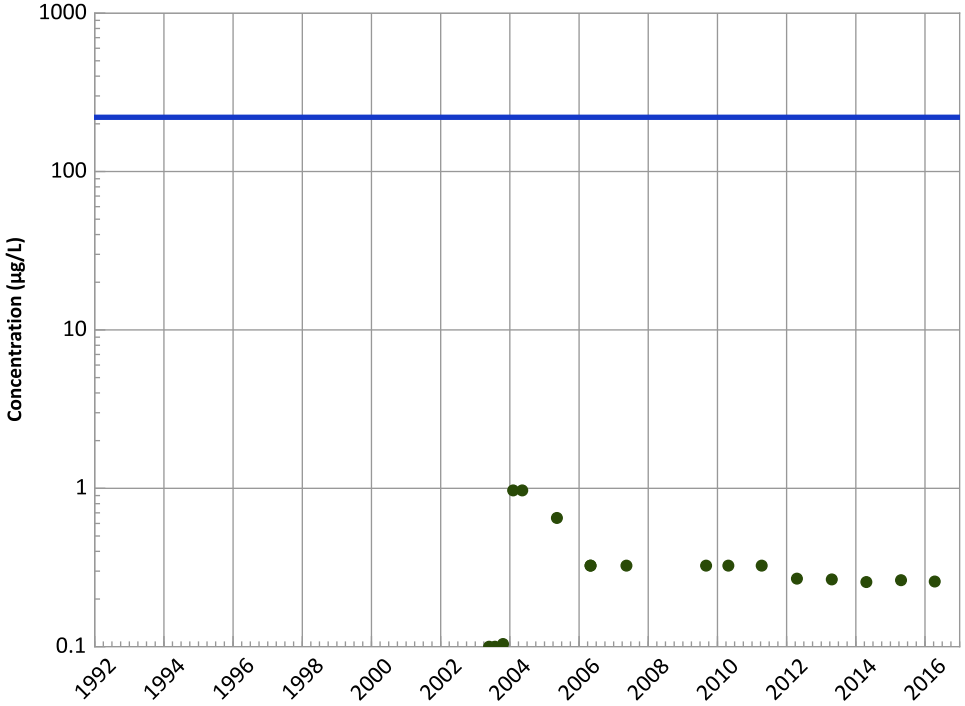


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

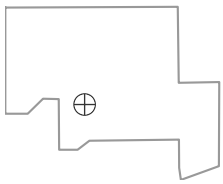
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

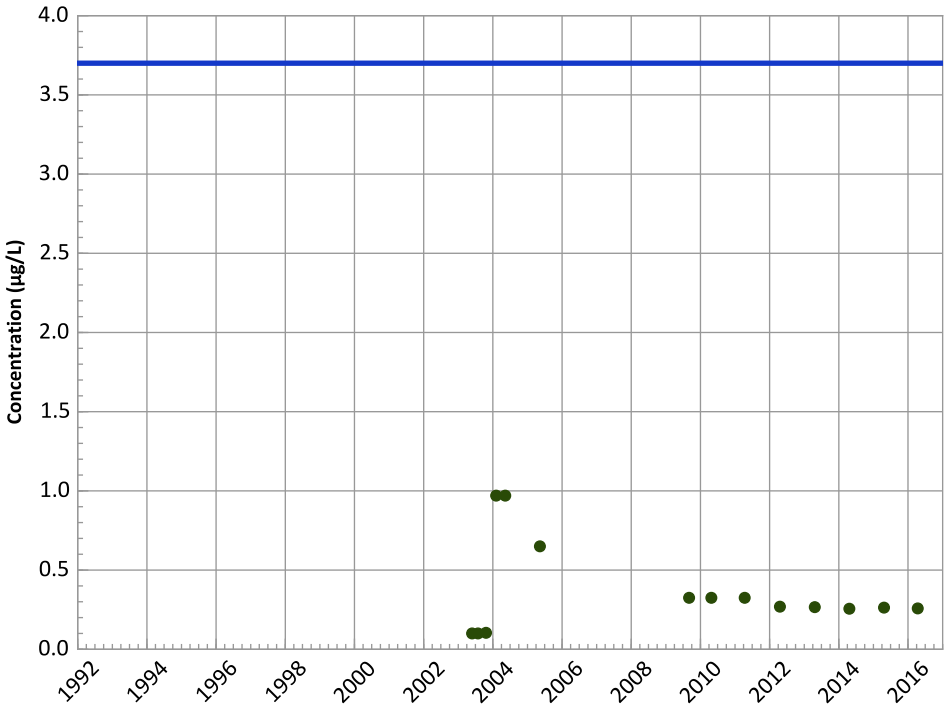
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

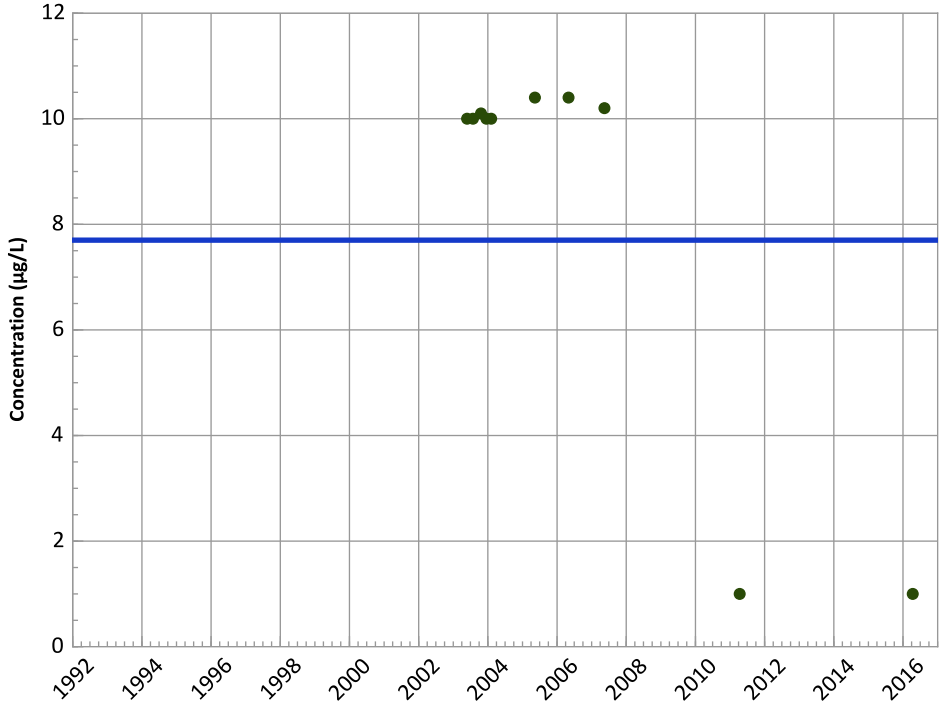


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

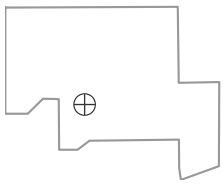
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

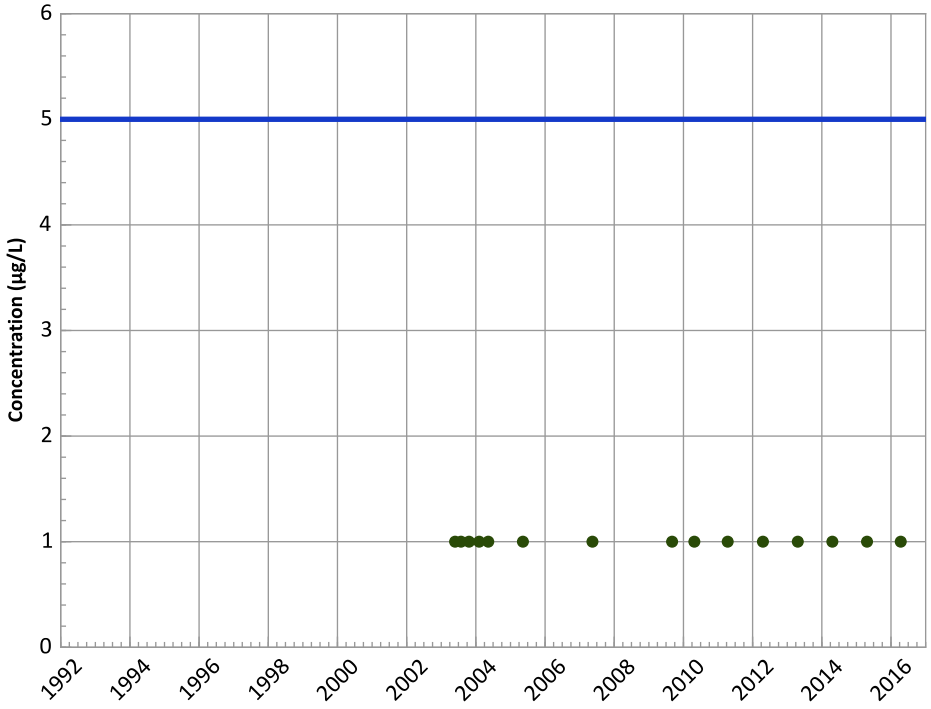
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

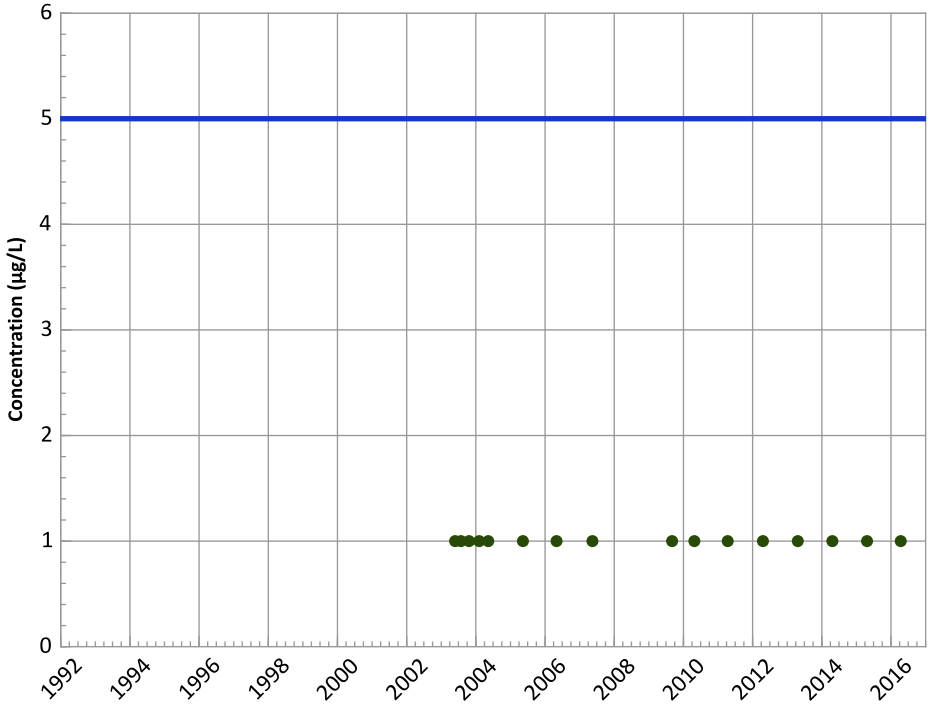


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

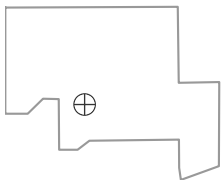
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

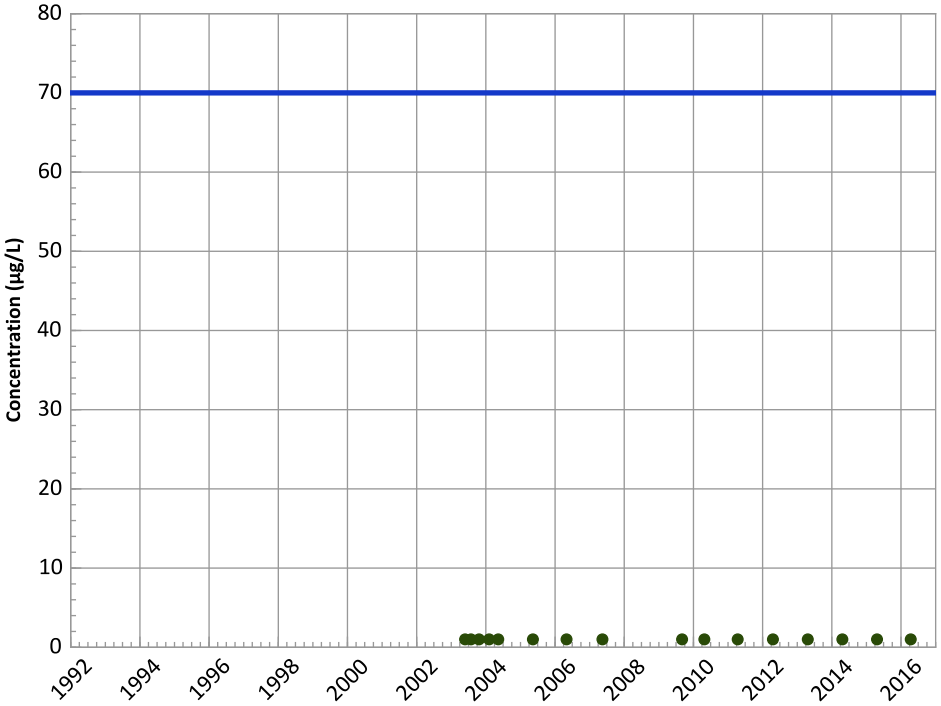
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

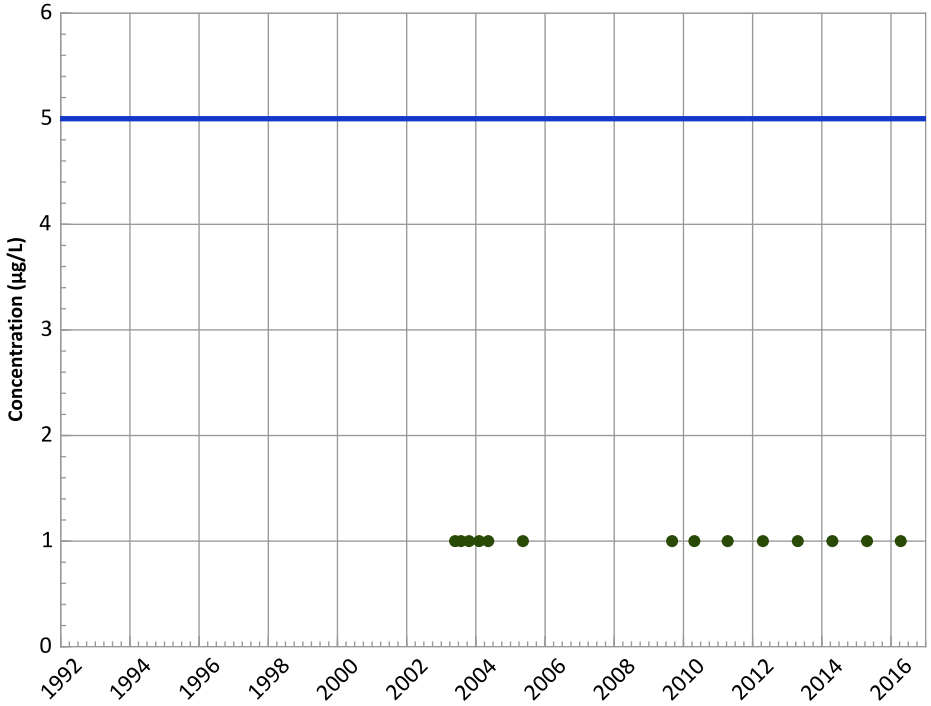


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

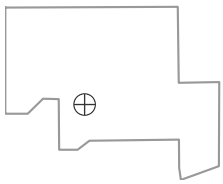
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

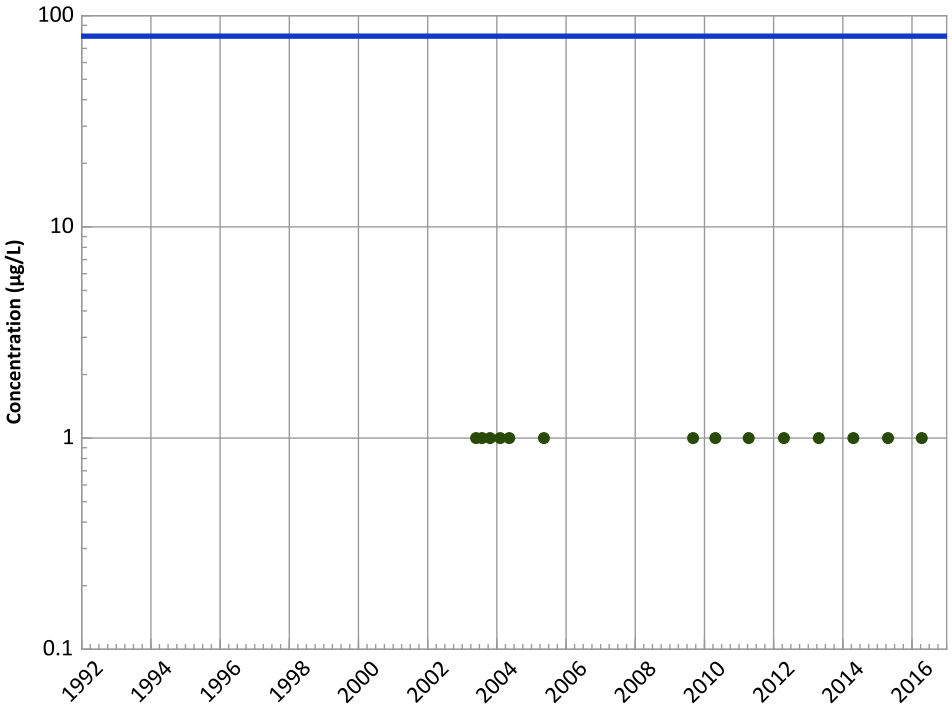
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

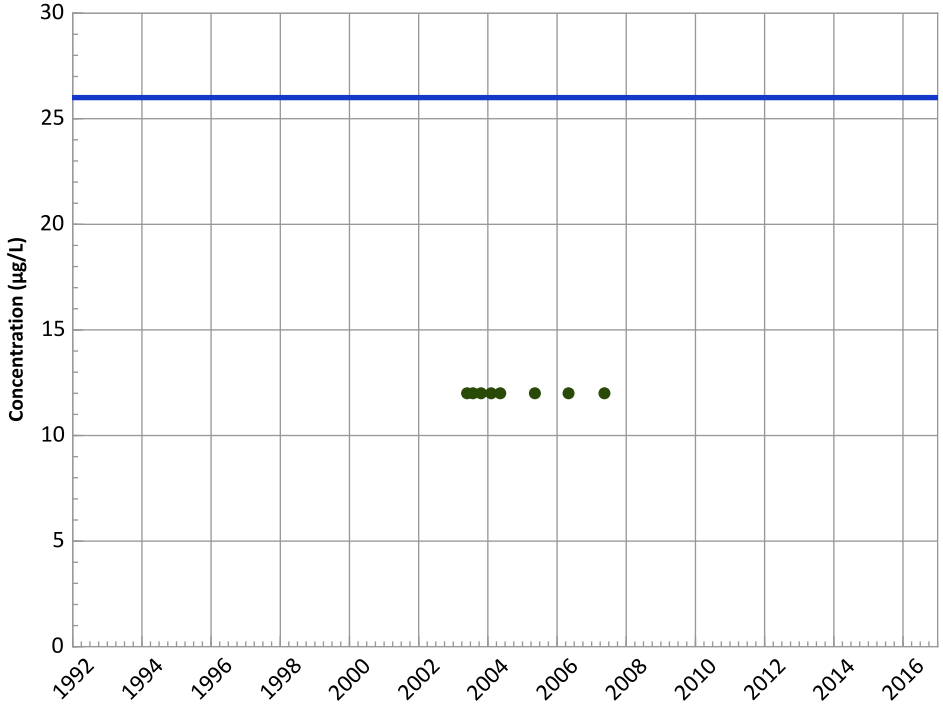


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

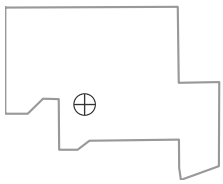
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

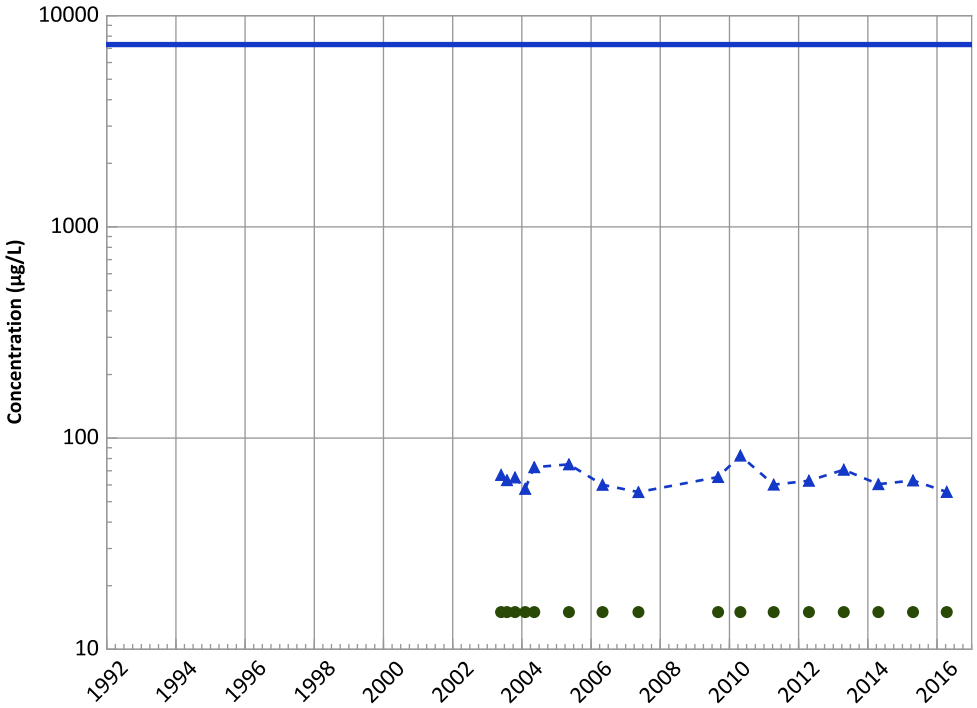
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

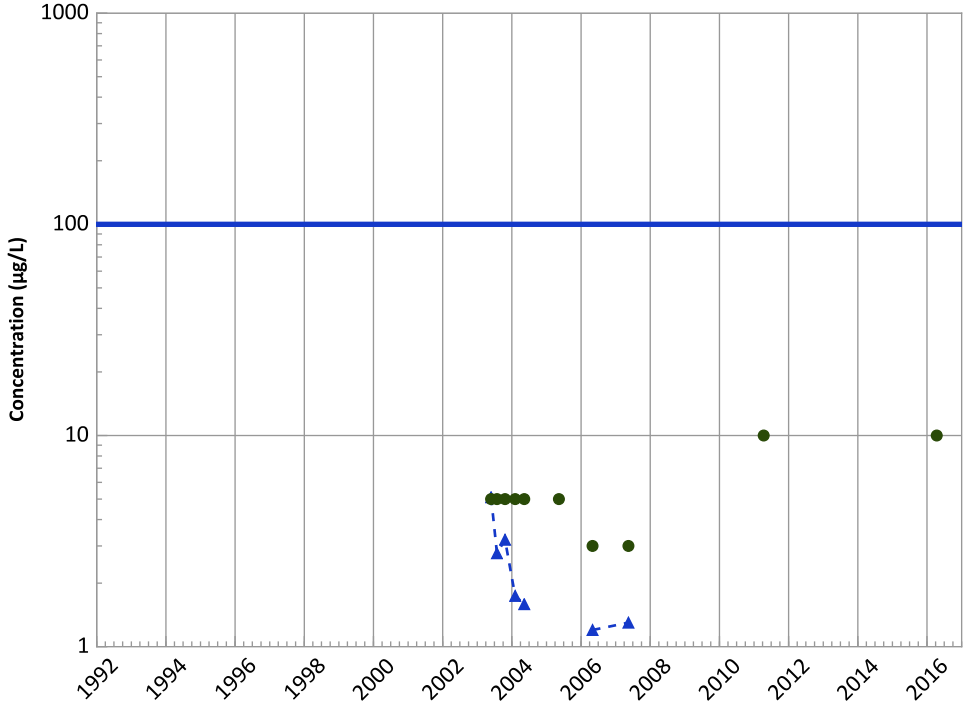


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Stable

Chromium, Total Trend



Concentration Trend

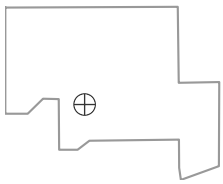
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

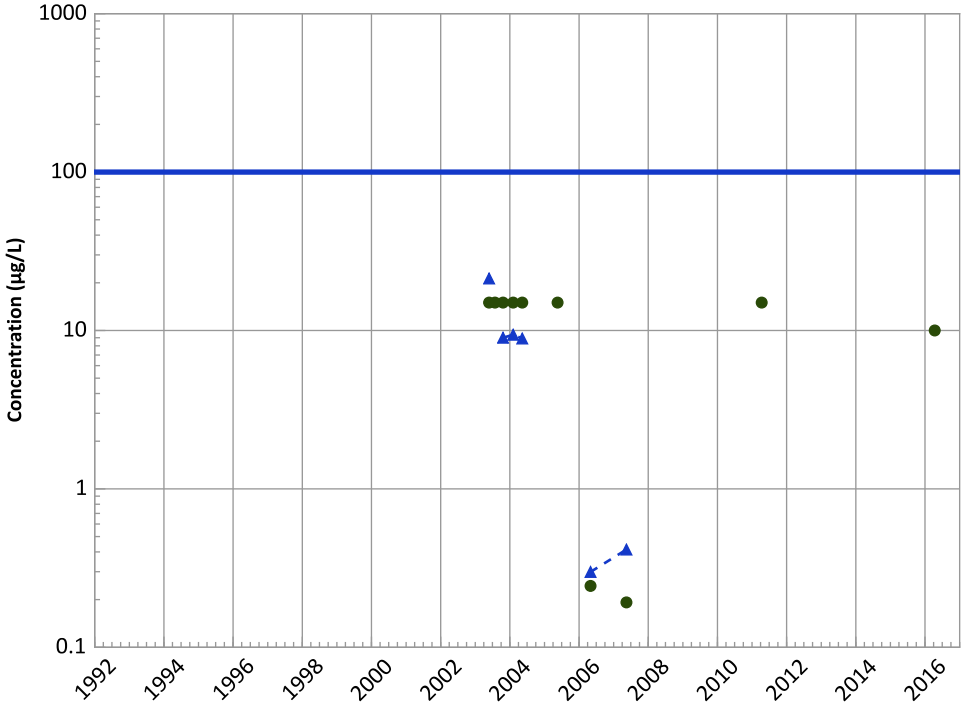
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

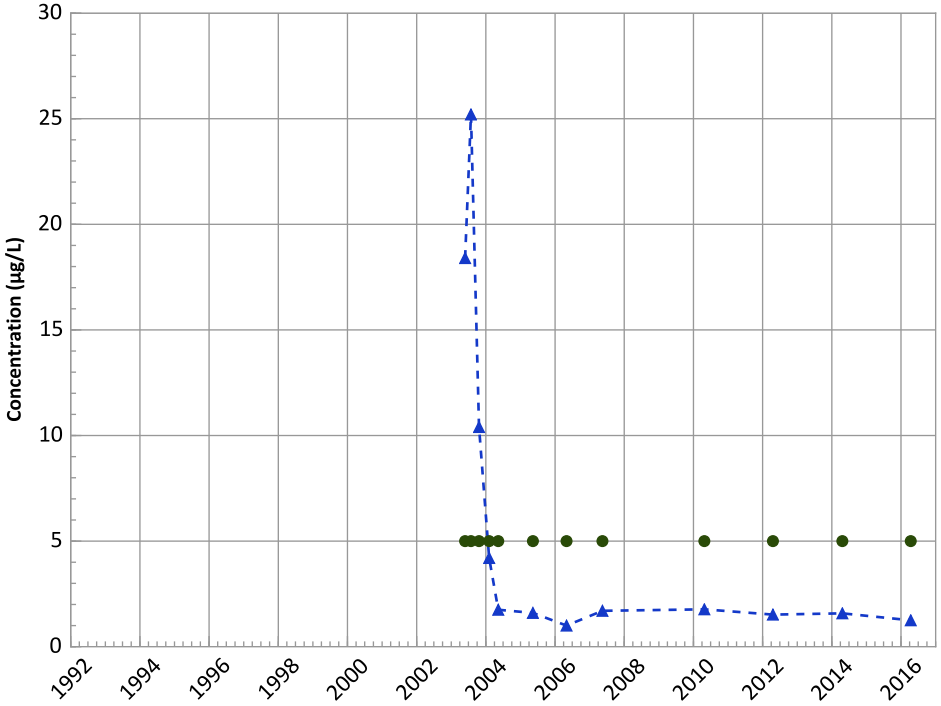


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Manganese Trend



Concentration Trend

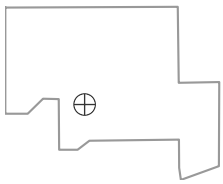
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

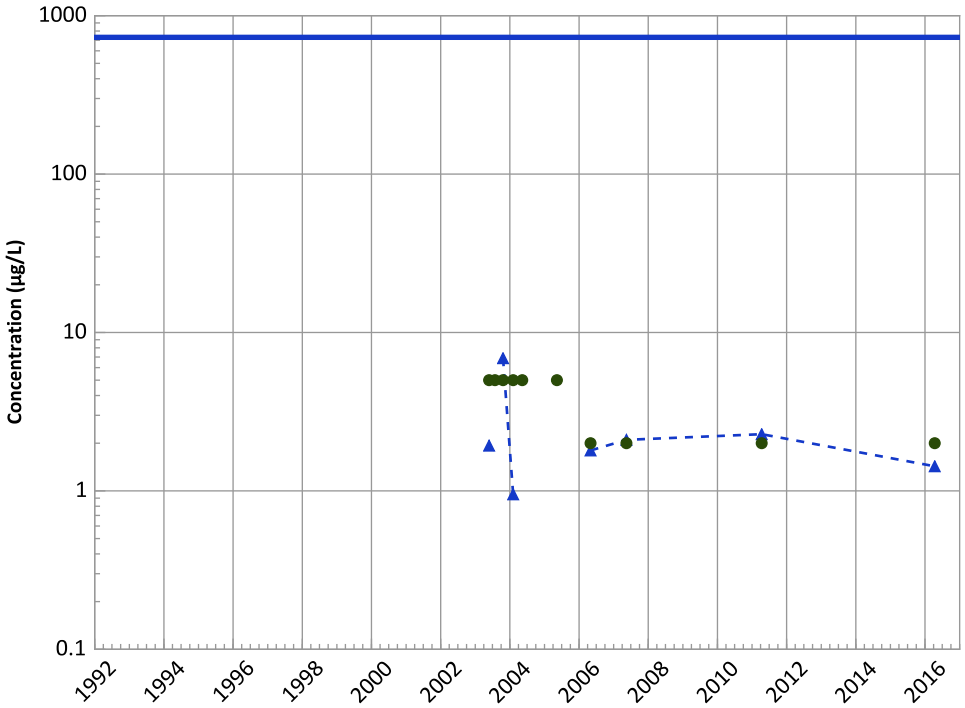
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

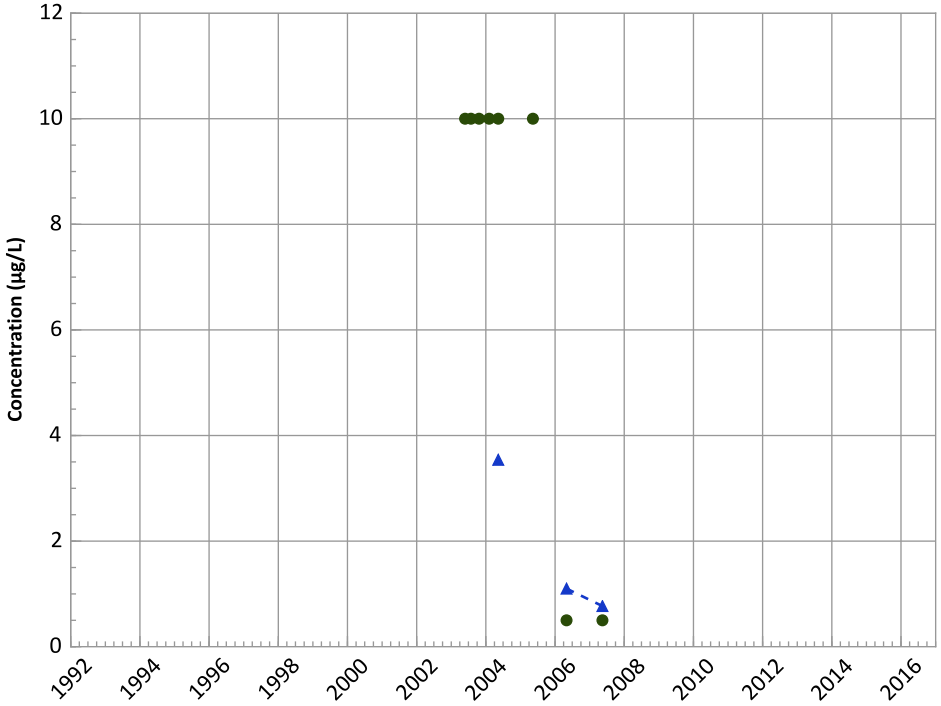


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Molybdenum Trend



Concentration Trend

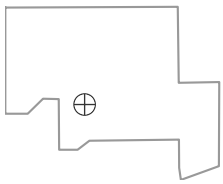
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

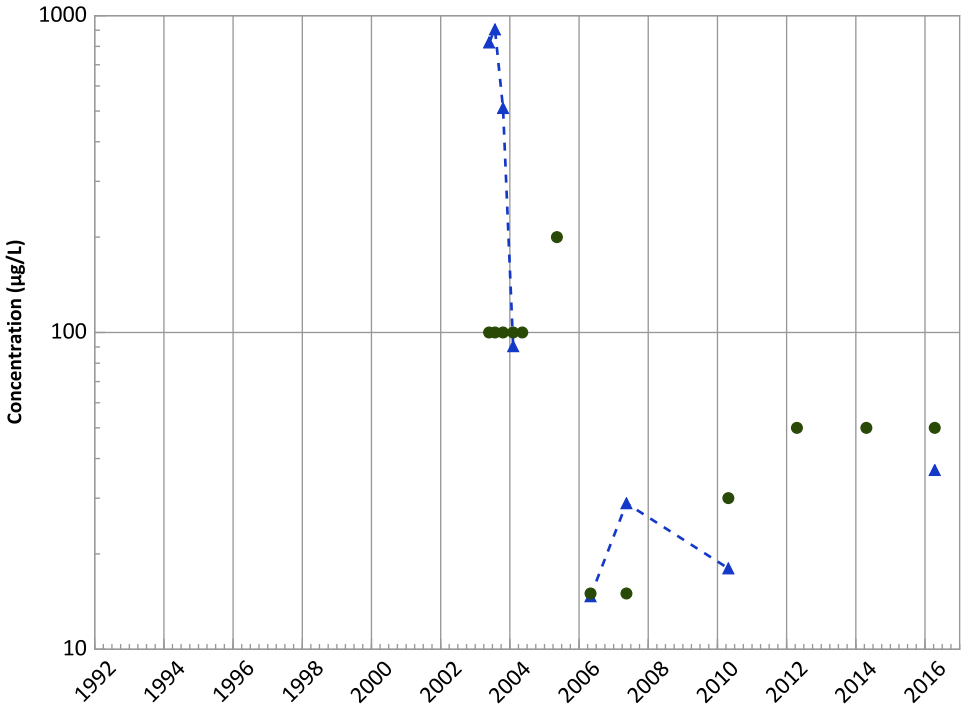
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

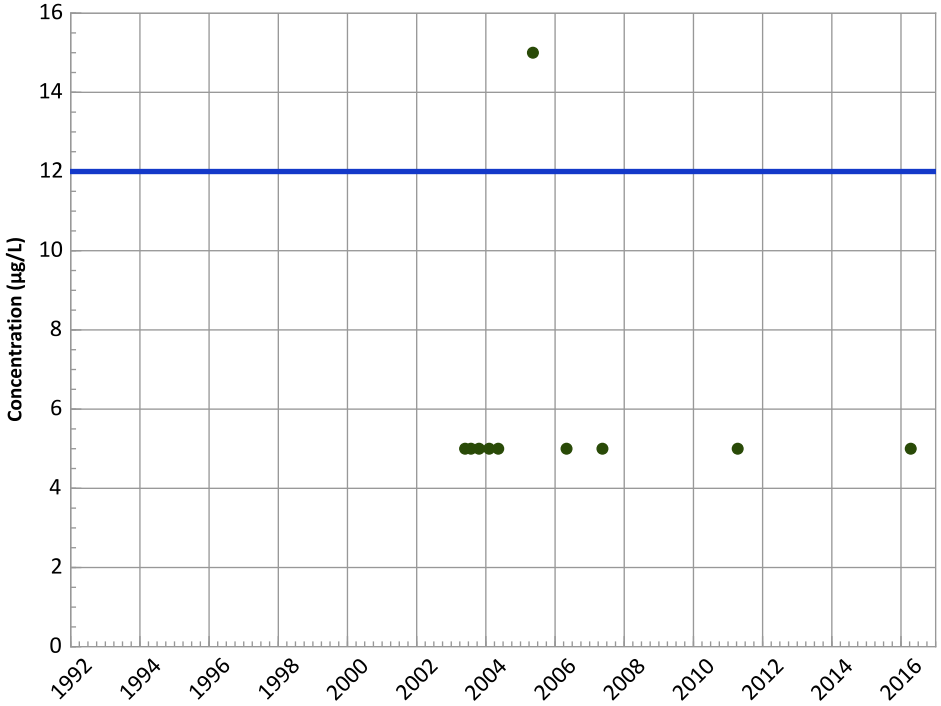


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Arsenic Trend



Concentration Trend

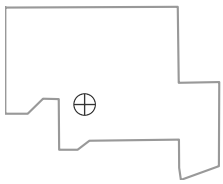
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

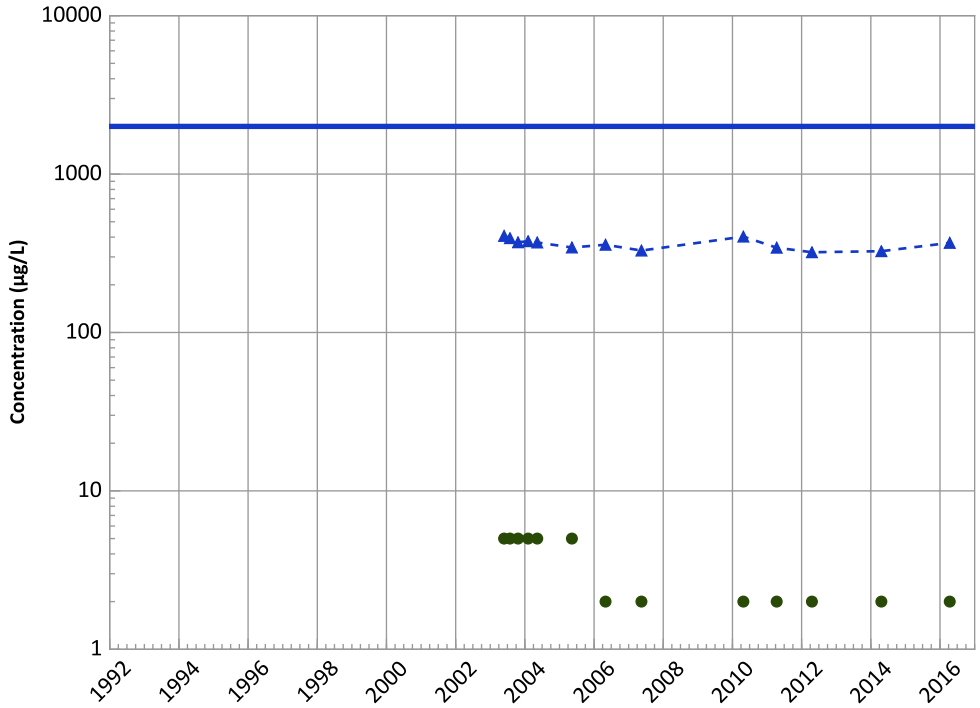
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

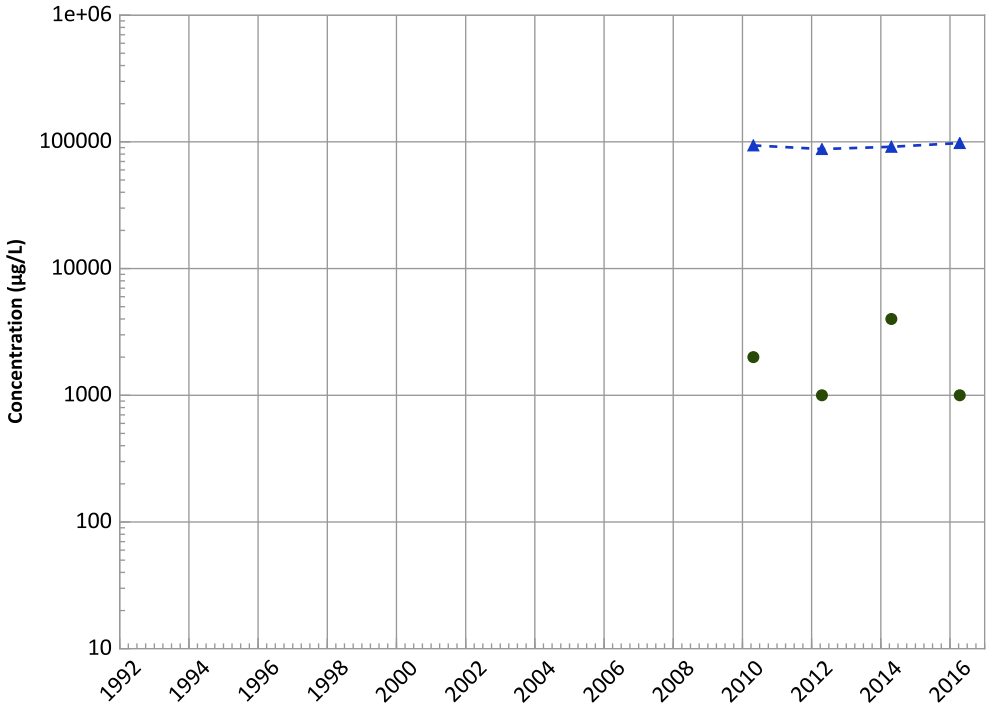


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Decreasing

Calcium Trend



Concentration Trend

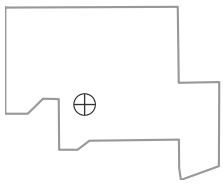
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

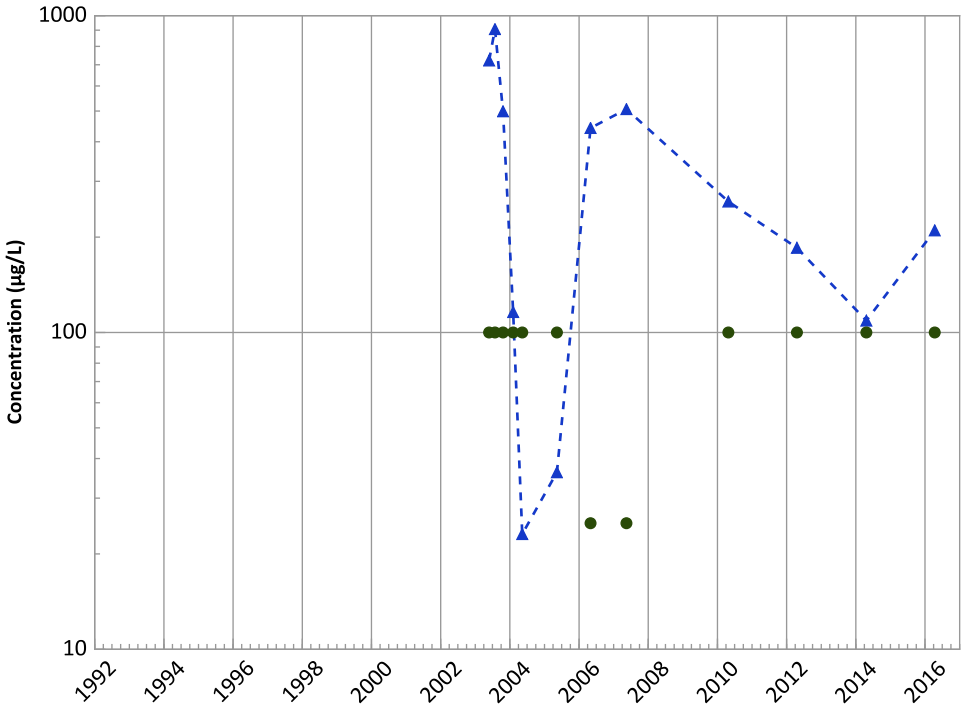
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

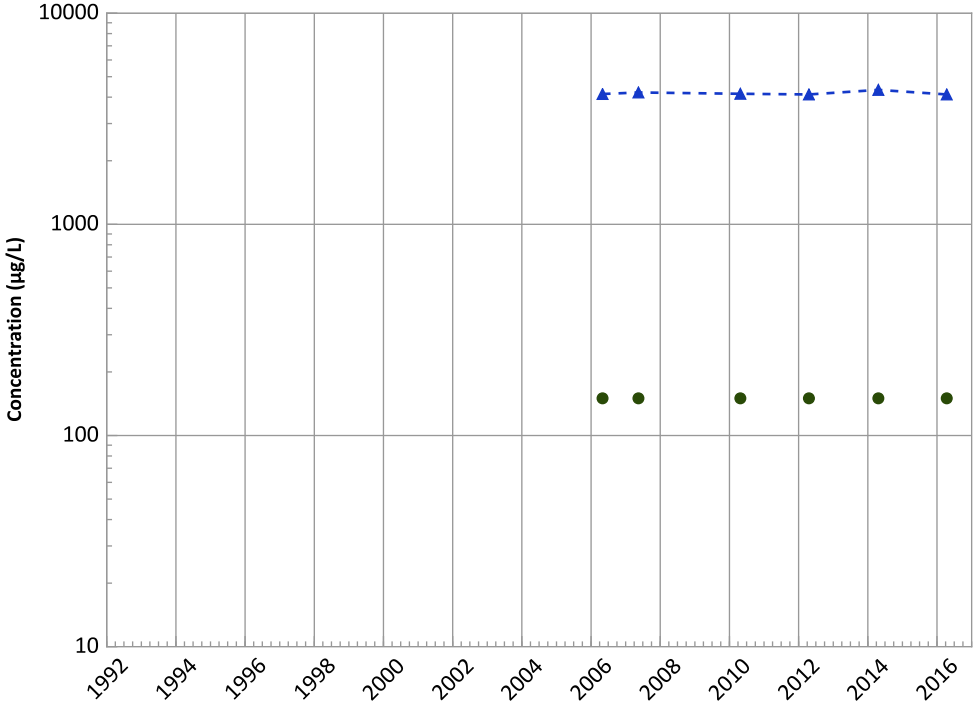


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Potassium Trend



Concentration Trend

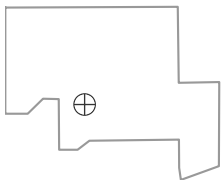
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

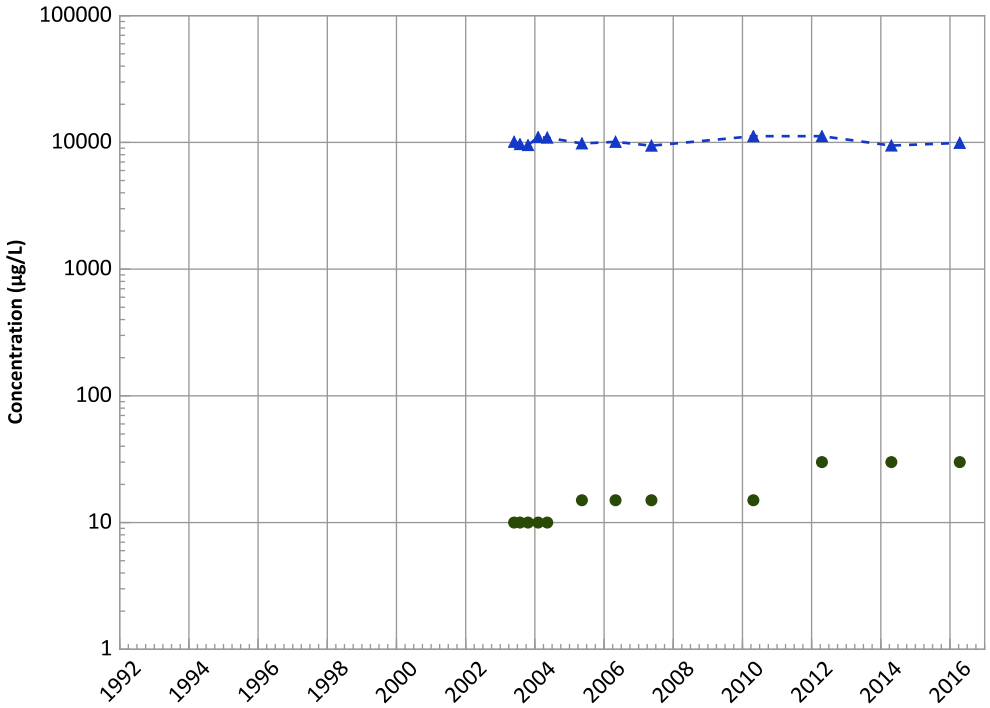
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

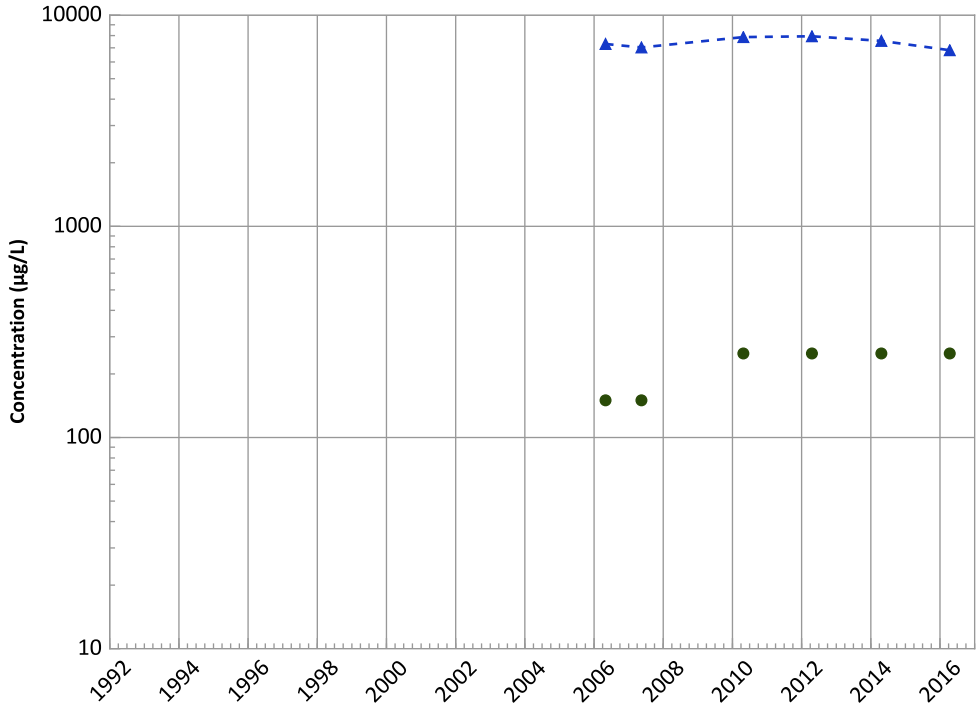


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Increasing

Sodium Trend



Concentration Trend

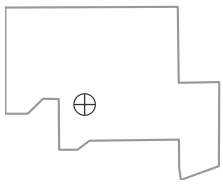
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

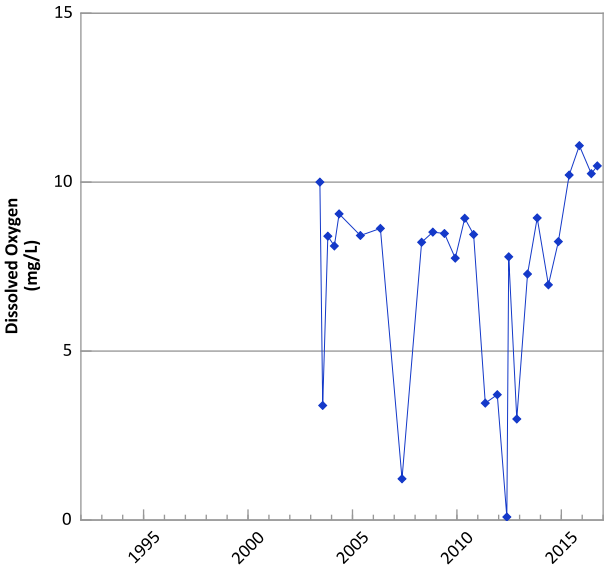
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/27/2003 to 04/13/2016
Analysis Date: 03/07/2017

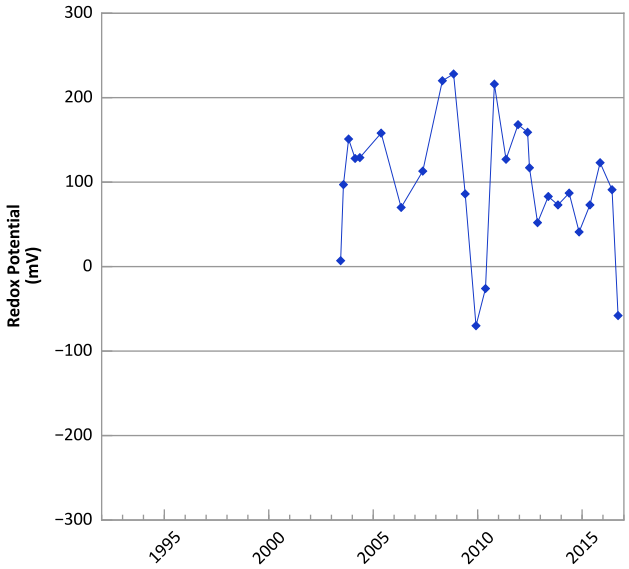
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

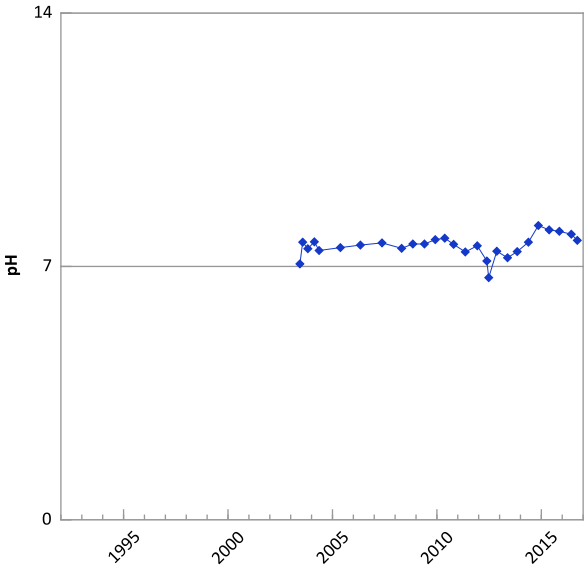
Well Location

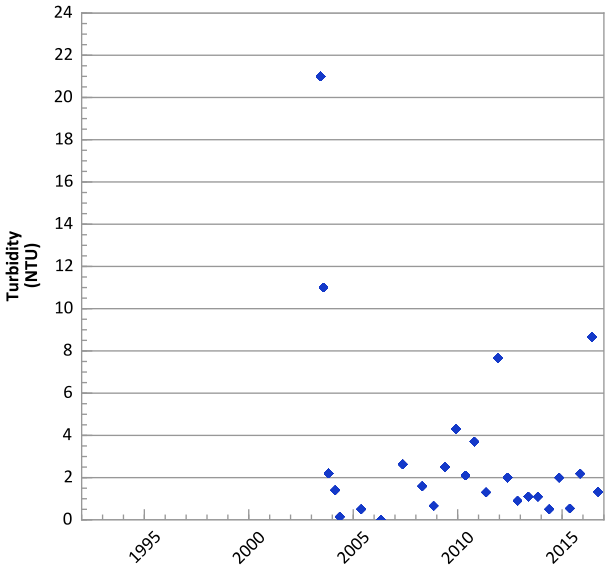


PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



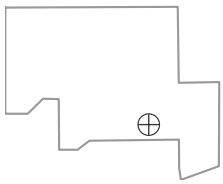






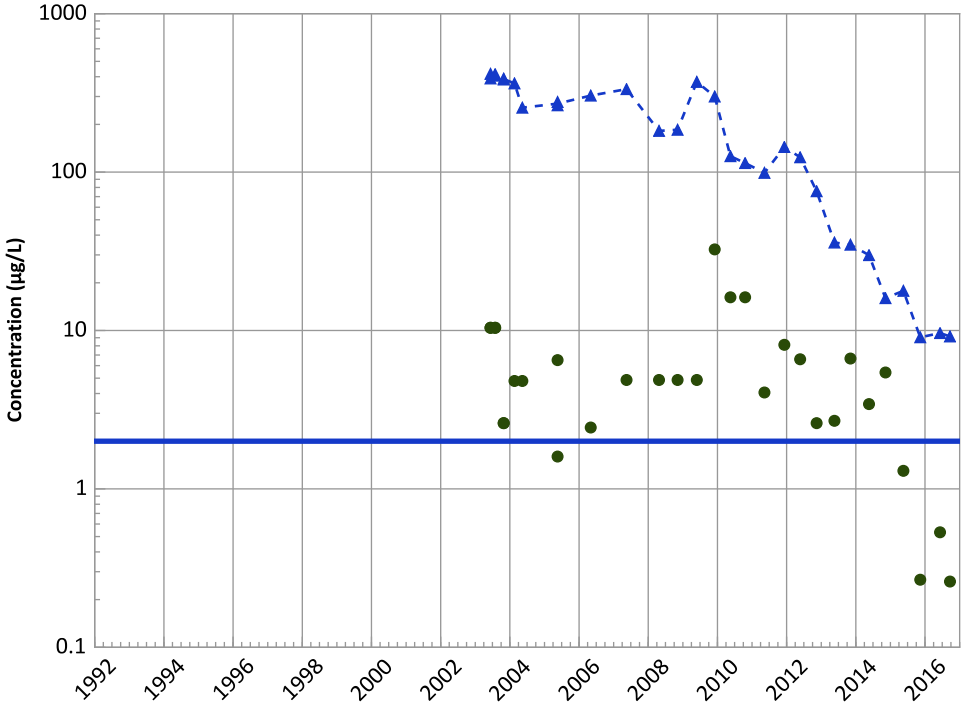
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/11/2003 to 09/21/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

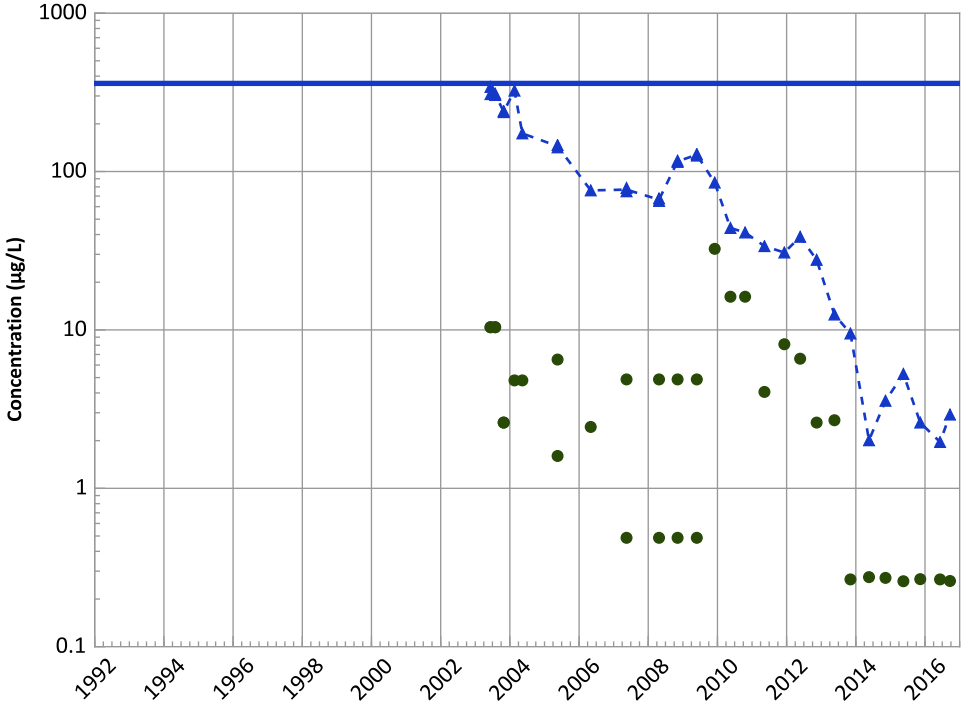


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

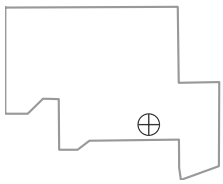
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/11/2003 to 09/21/2016
Analysis Date: 03/07/2017

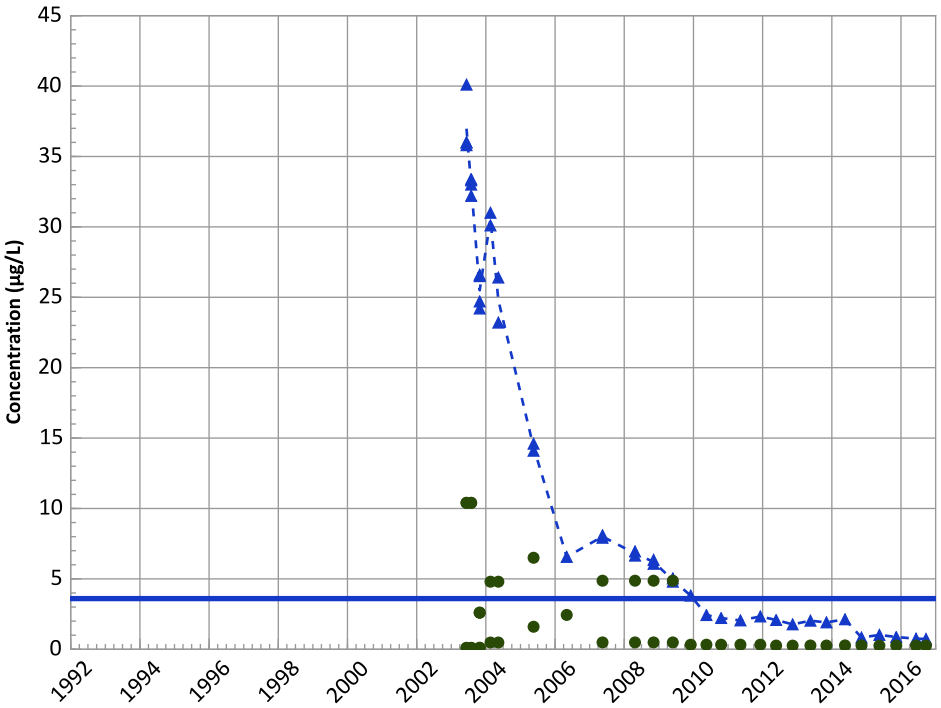
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

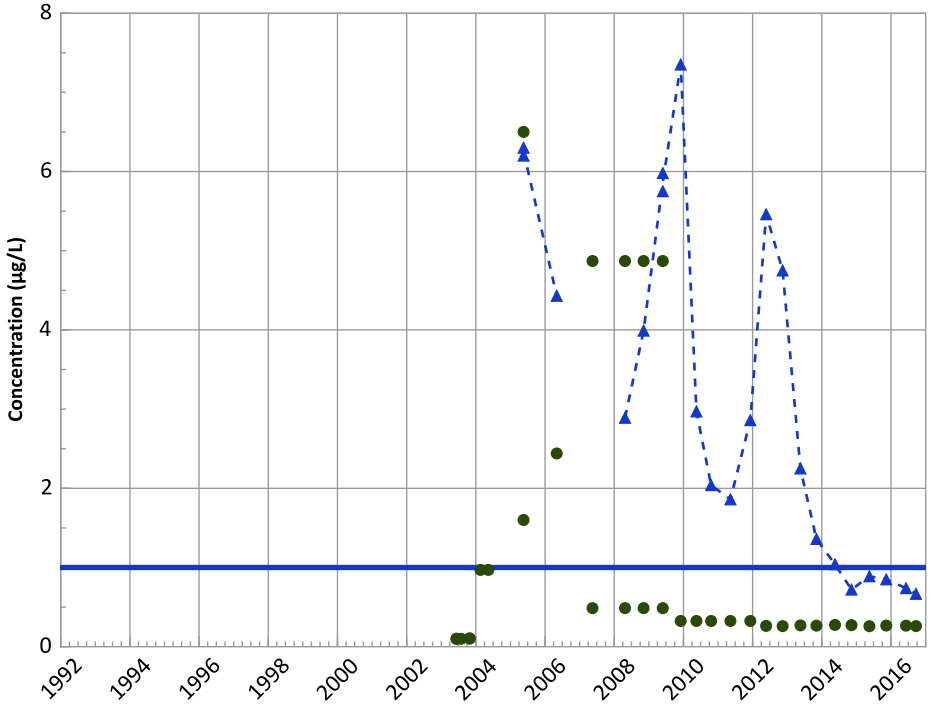


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

2,4-Dinitrotoluene Trend



Concentration Trend

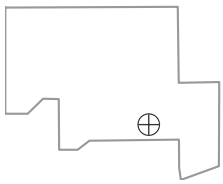
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/11/2003 to 09/21/2016
Analysis Date: 03/07/2017

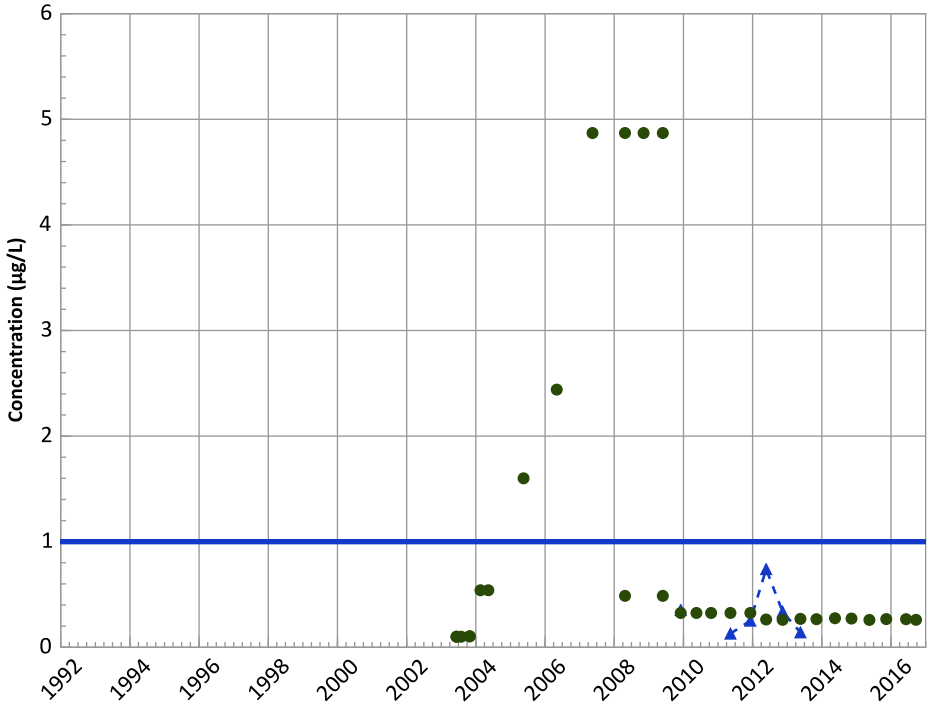
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

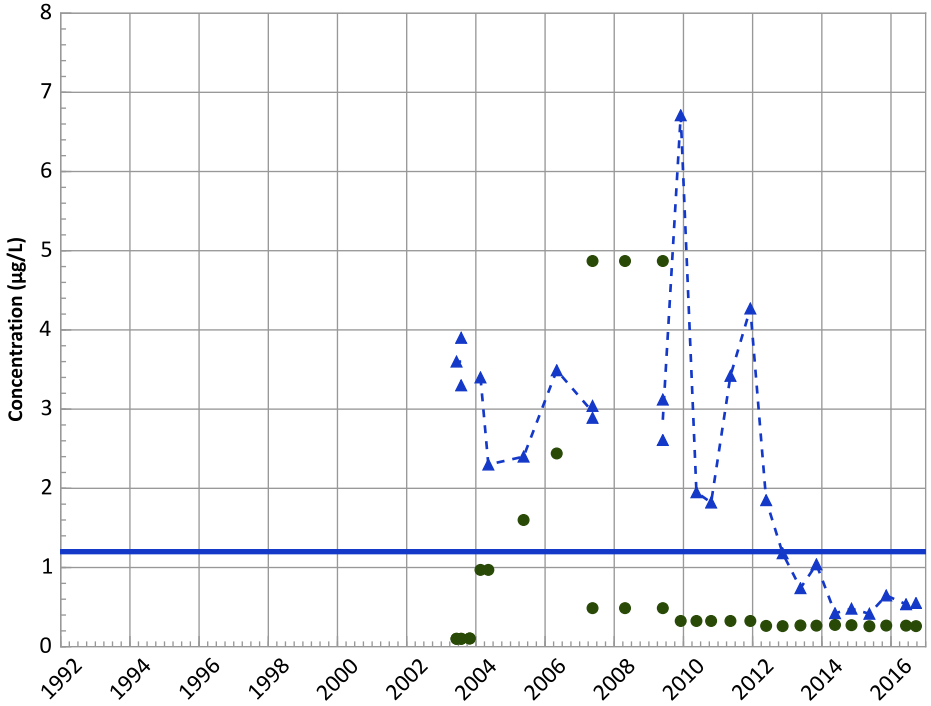


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

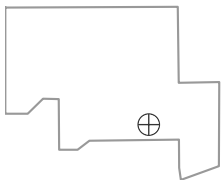
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/11/2003 to 09/21/2016
Analysis Date: 03/07/2017

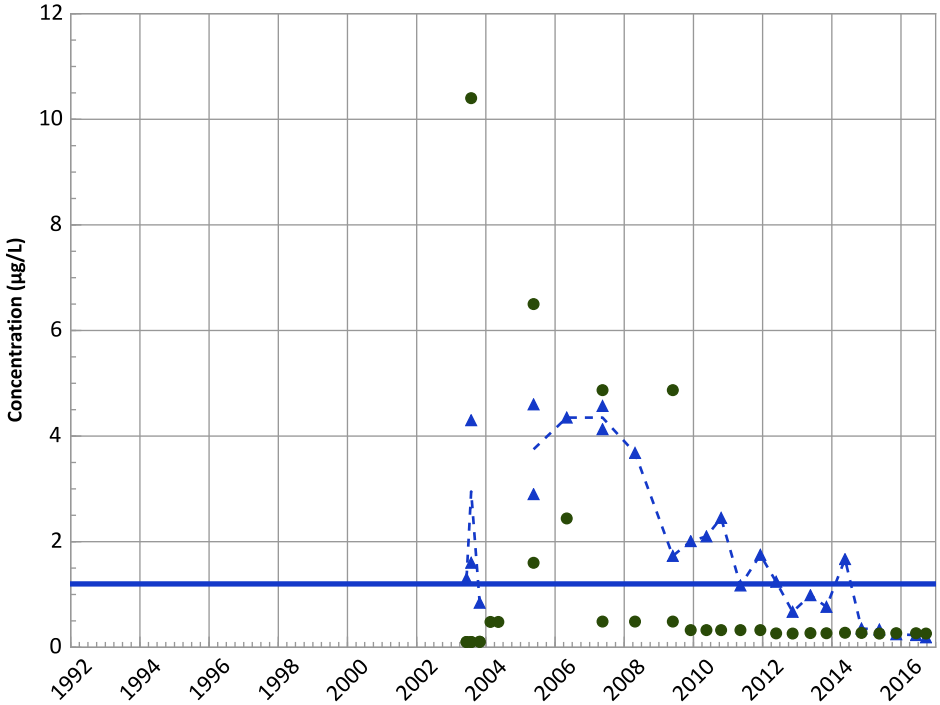
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

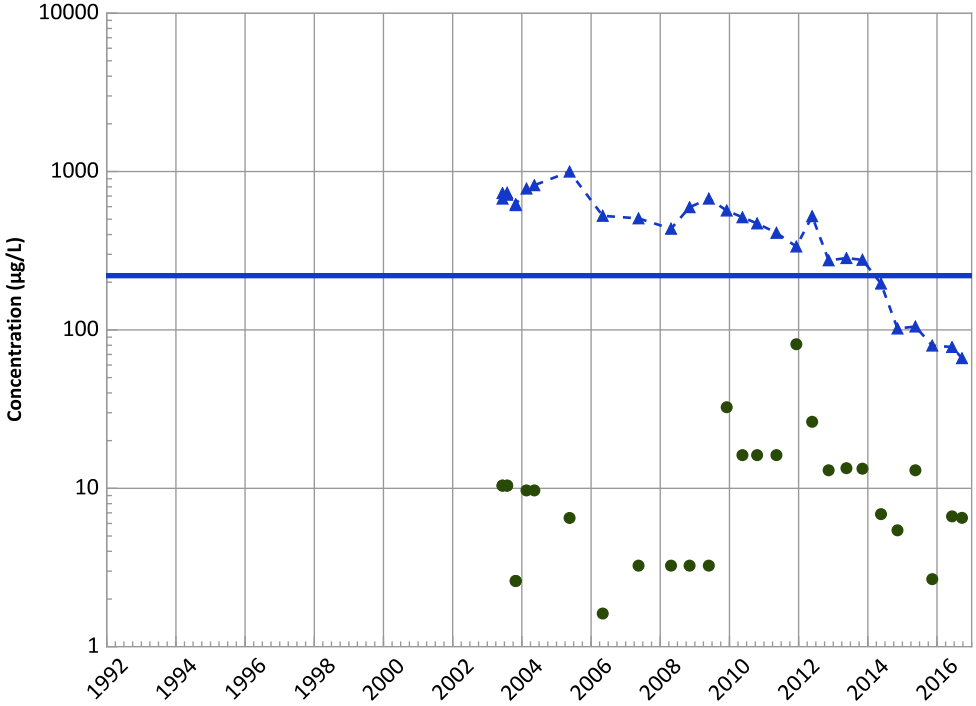


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

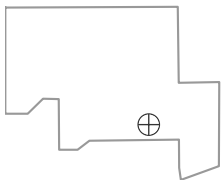
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/11/2003 to 09/21/2016
Analysis Date: 03/07/2017

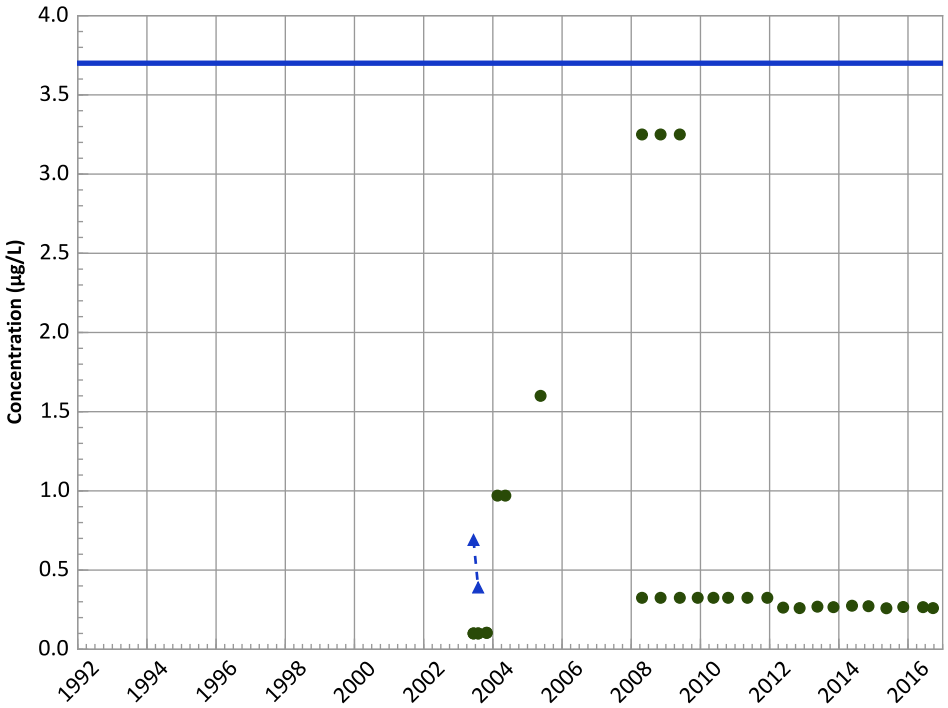
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

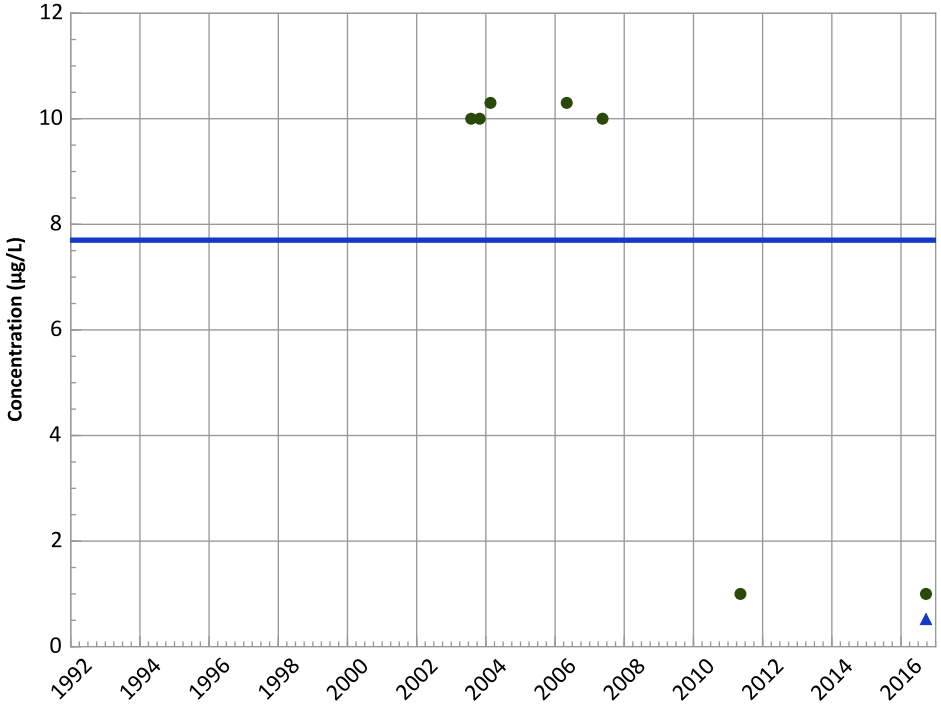


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

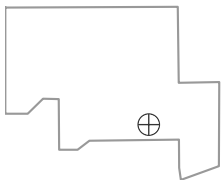
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/11/2003 to 09/21/2016
Analysis Date: 03/07/2017

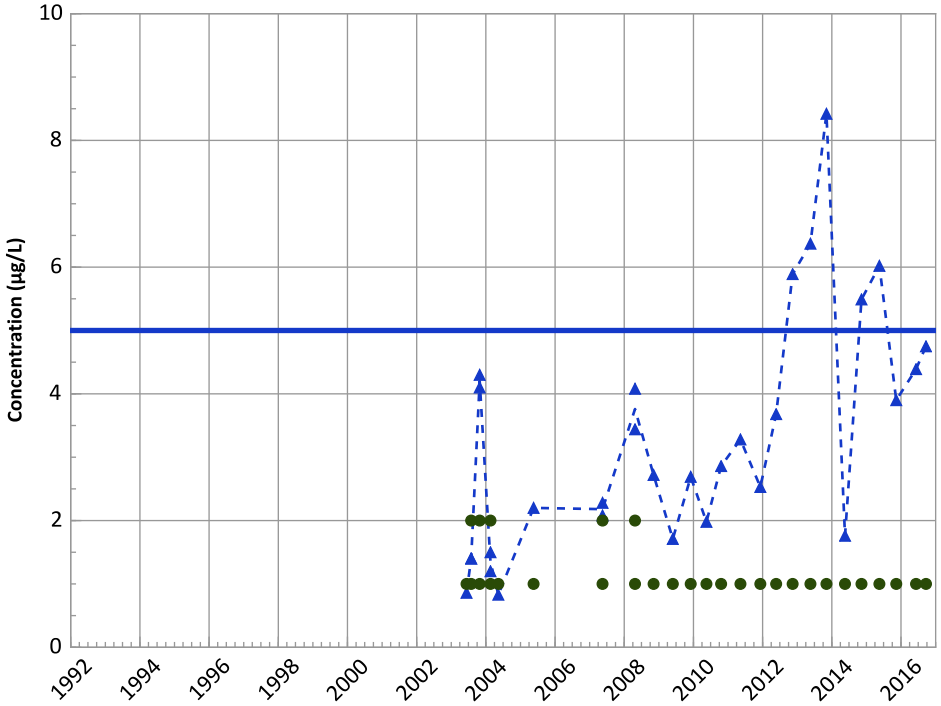
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

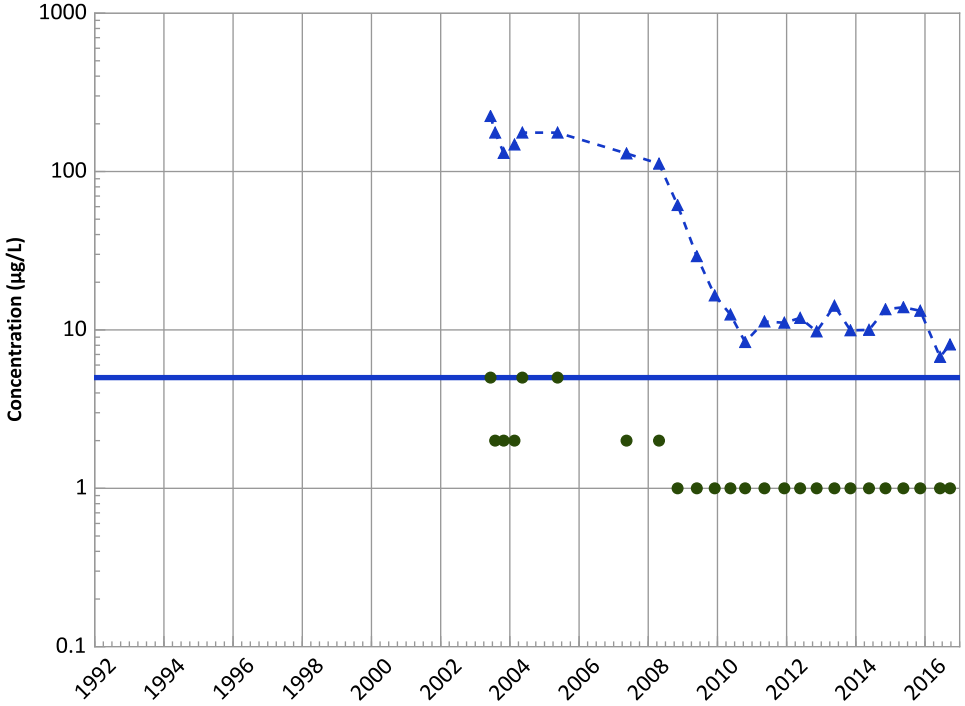


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Trichloroethene Trend



Concentration Trend

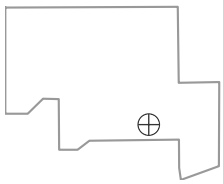
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/11/2003 to 09/21/2016
Analysis Date: 03/07/2017

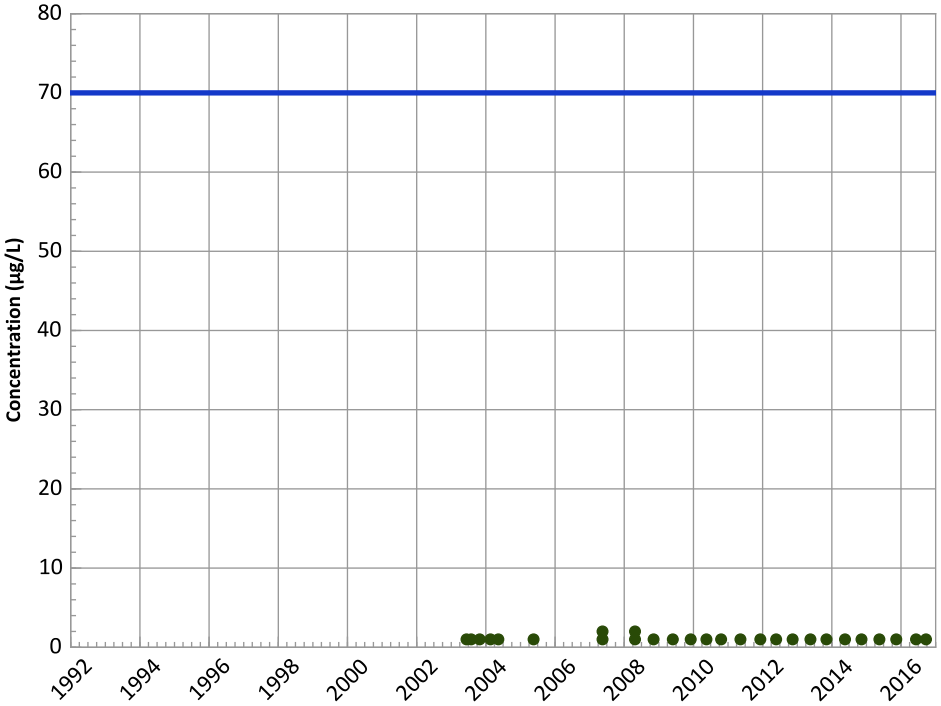
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

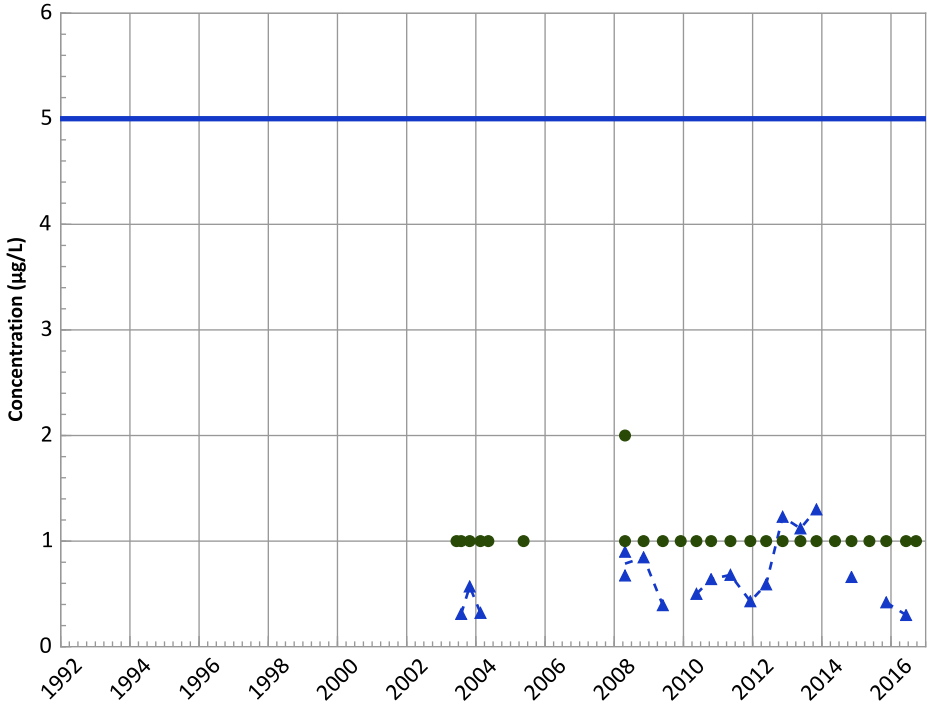


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

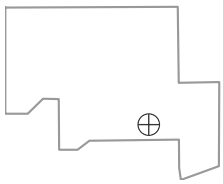
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/11/2003 to 09/21/2016
Analysis Date: 03/07/2017

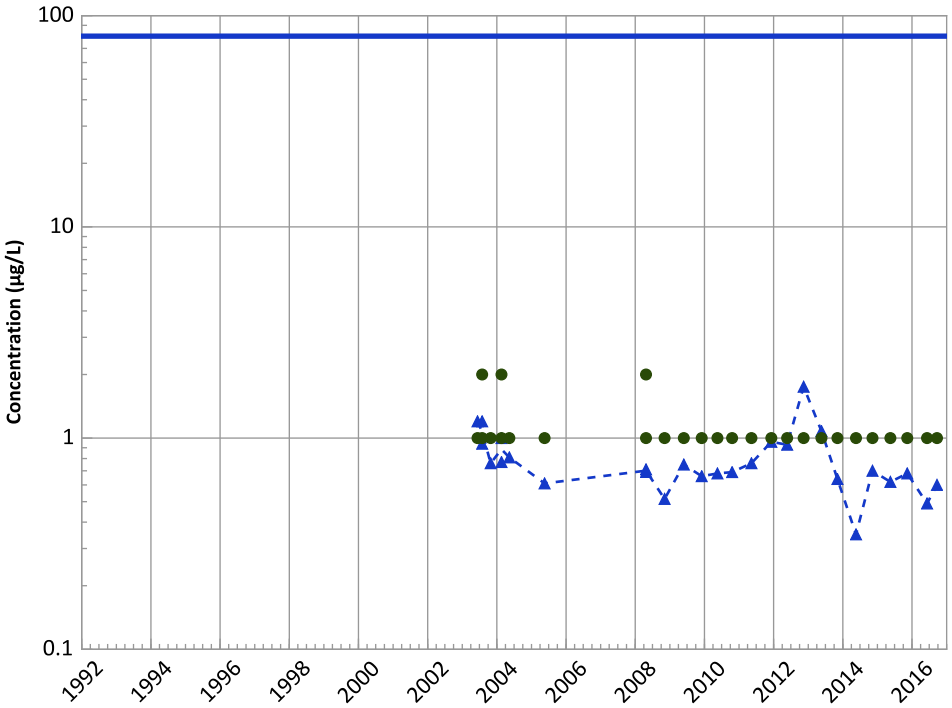
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

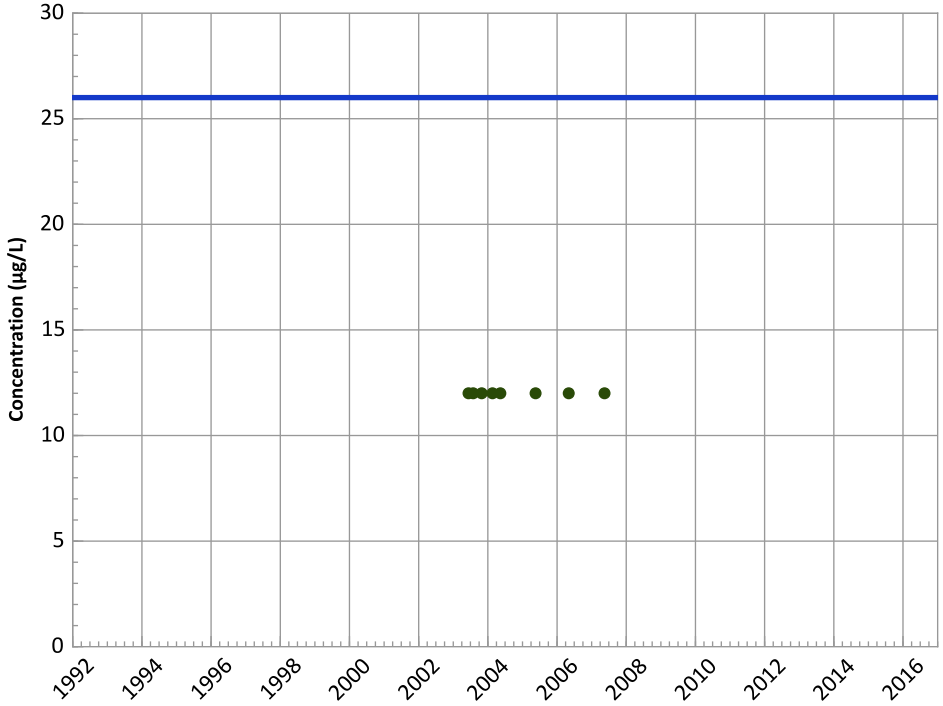


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Decreasing

Perchlorate Trend



Concentration Trend

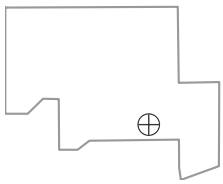
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/11/2003 to 09/21/2016
Analysis Date: 03/07/2017

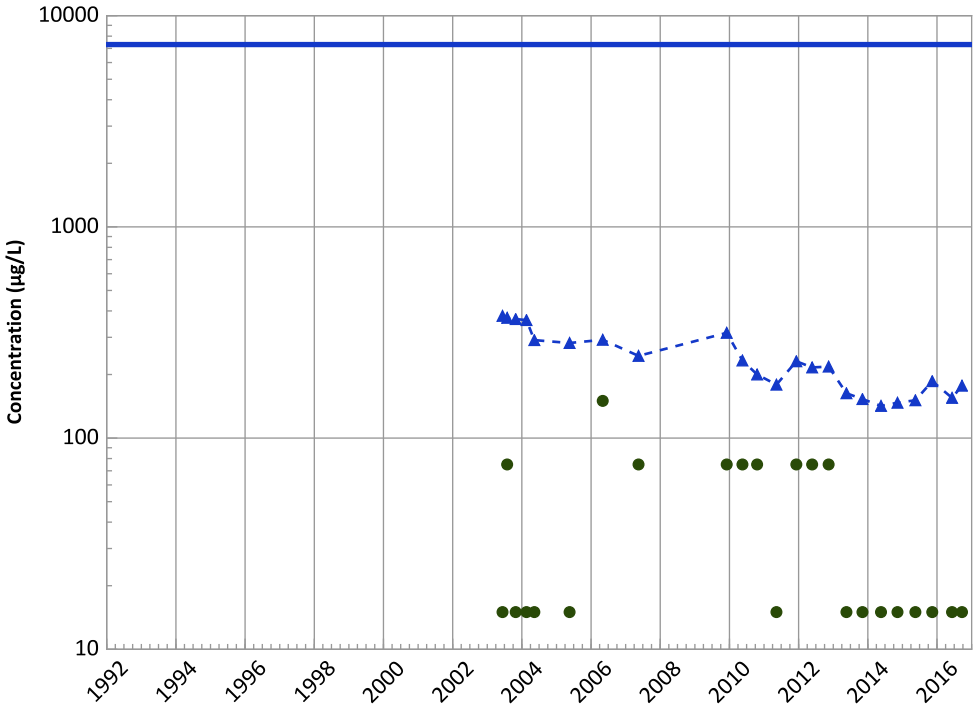
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

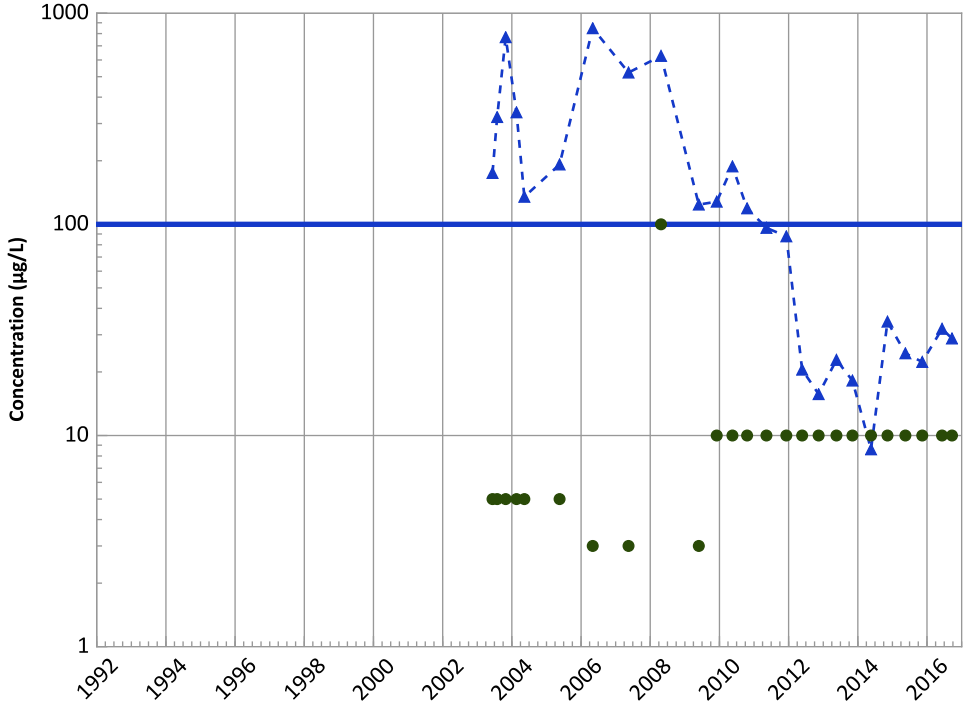


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

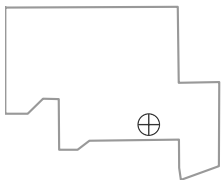
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/11/2003 to 09/21/2016
Analysis Date: 03/07/2017

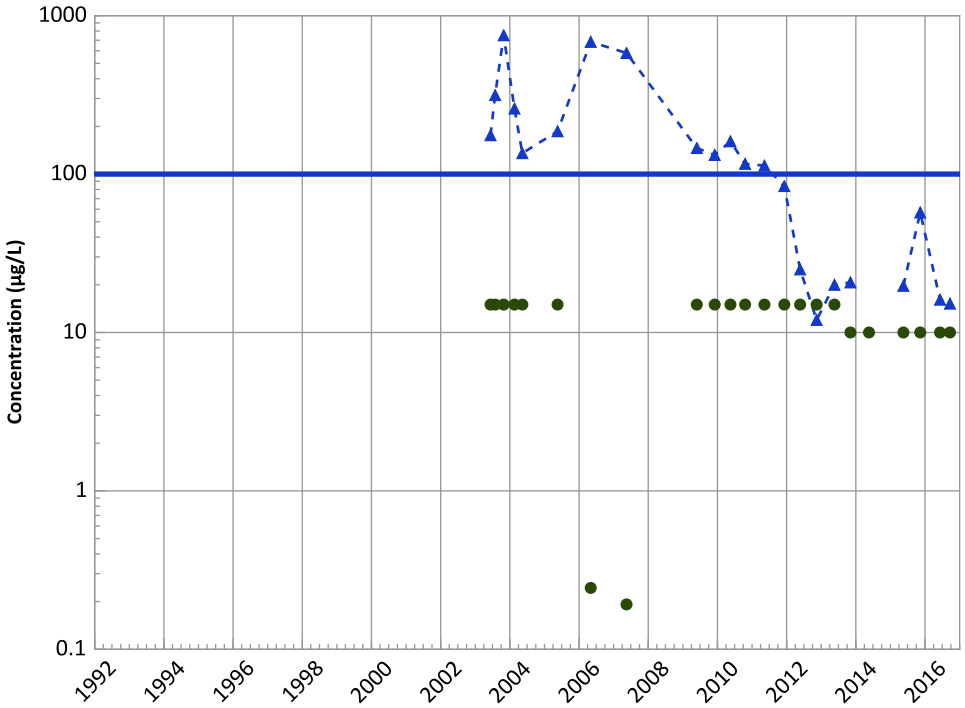
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

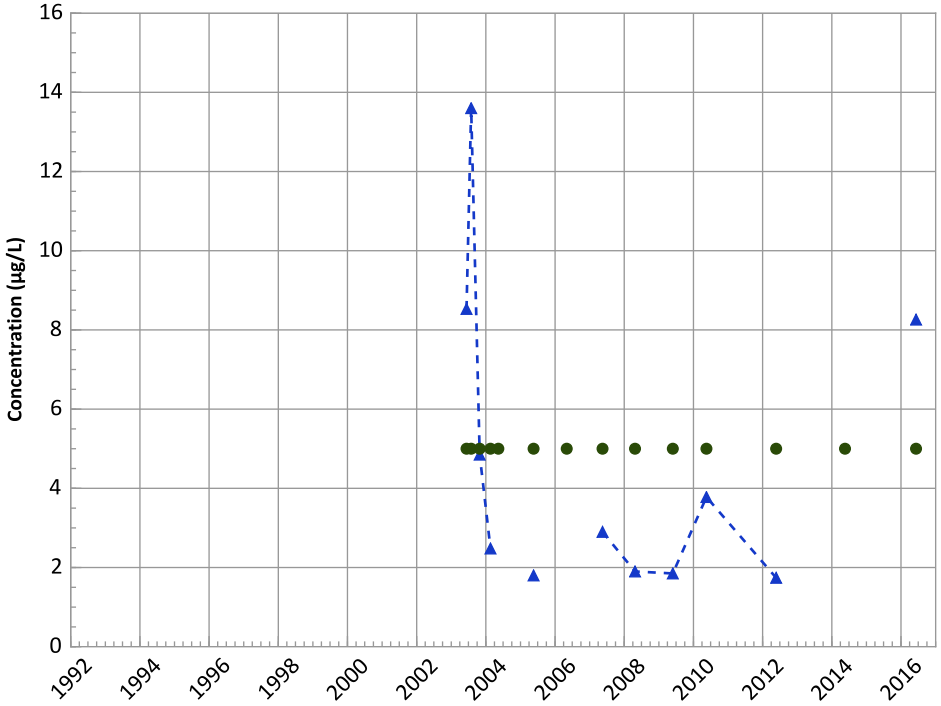


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Manganese Trend



Concentration Trend

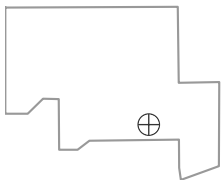
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/11/2003 to 09/21/2016
Analysis Date: 03/07/2017

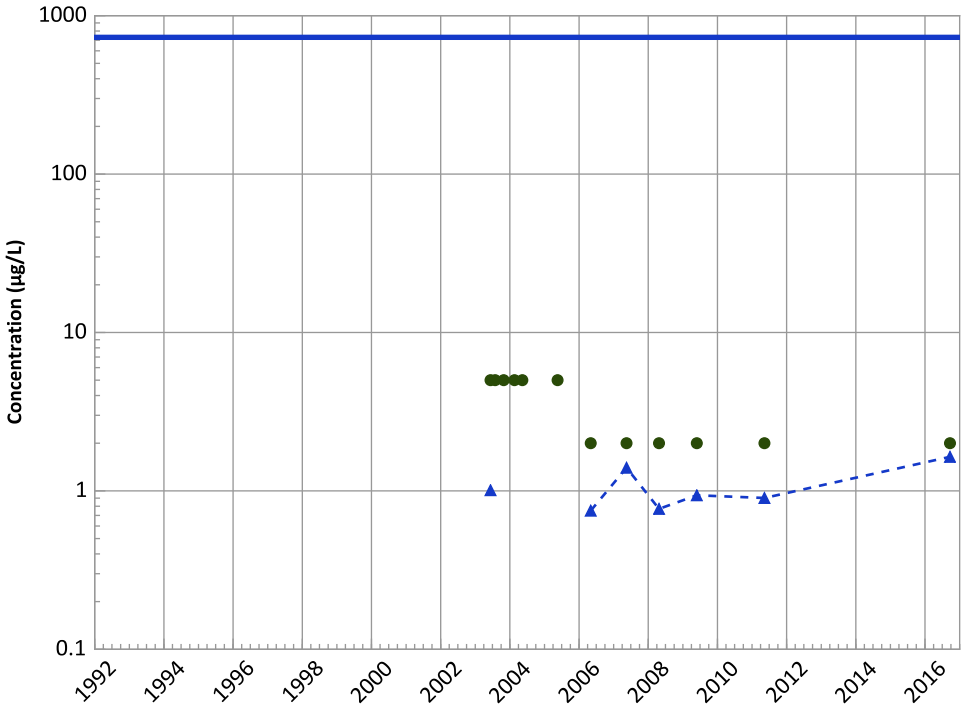
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

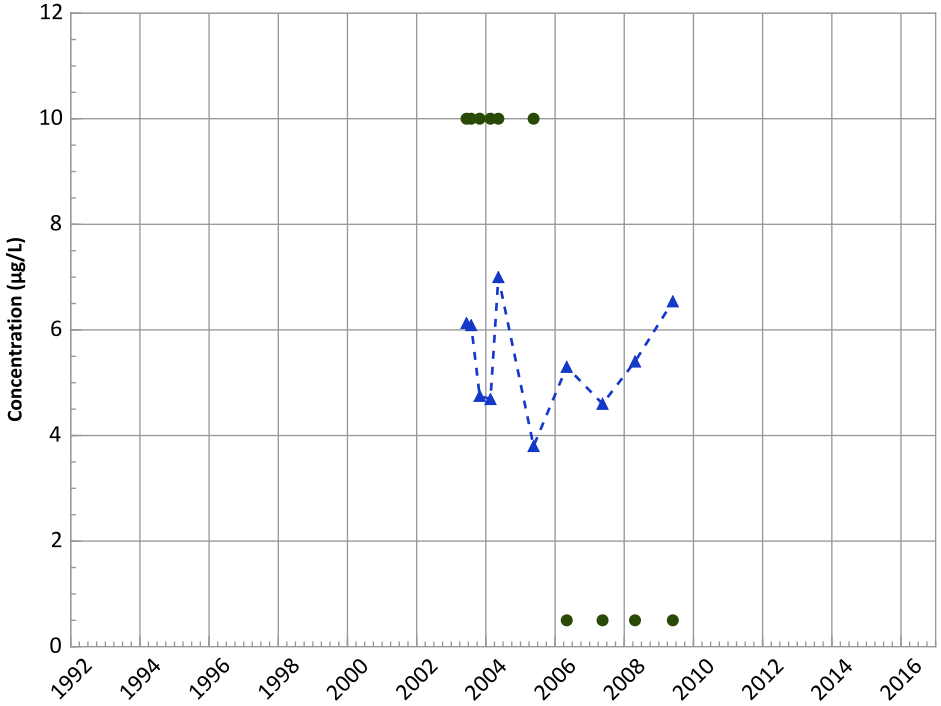


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Molybdenum Trend



Concentration Trend

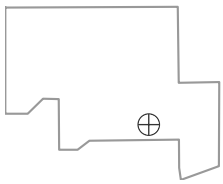
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/11/2003 to 09/21/2016
Analysis Date: 03/07/2017

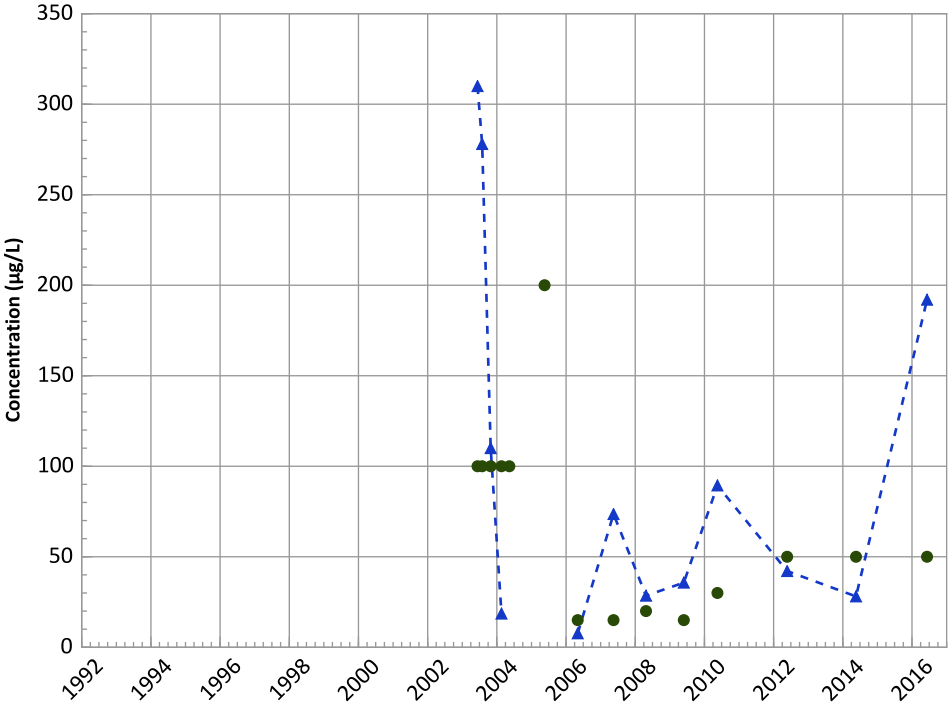
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

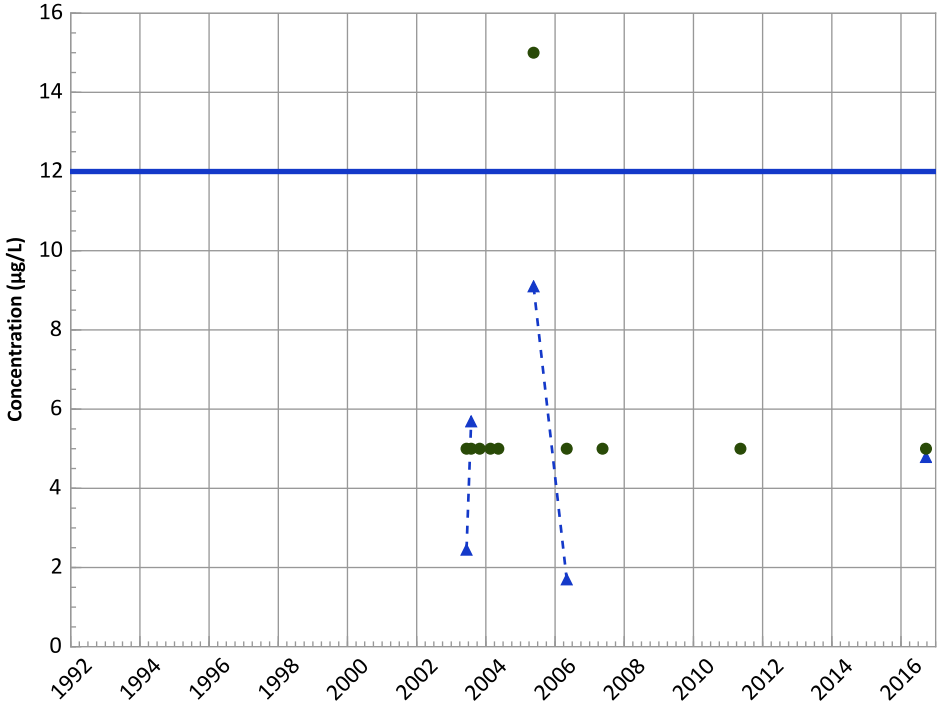


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Arsenic Trend



Concentration Trend

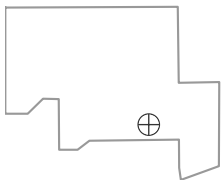
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/11/2003 to 09/21/2016
Analysis Date: 03/07/2017

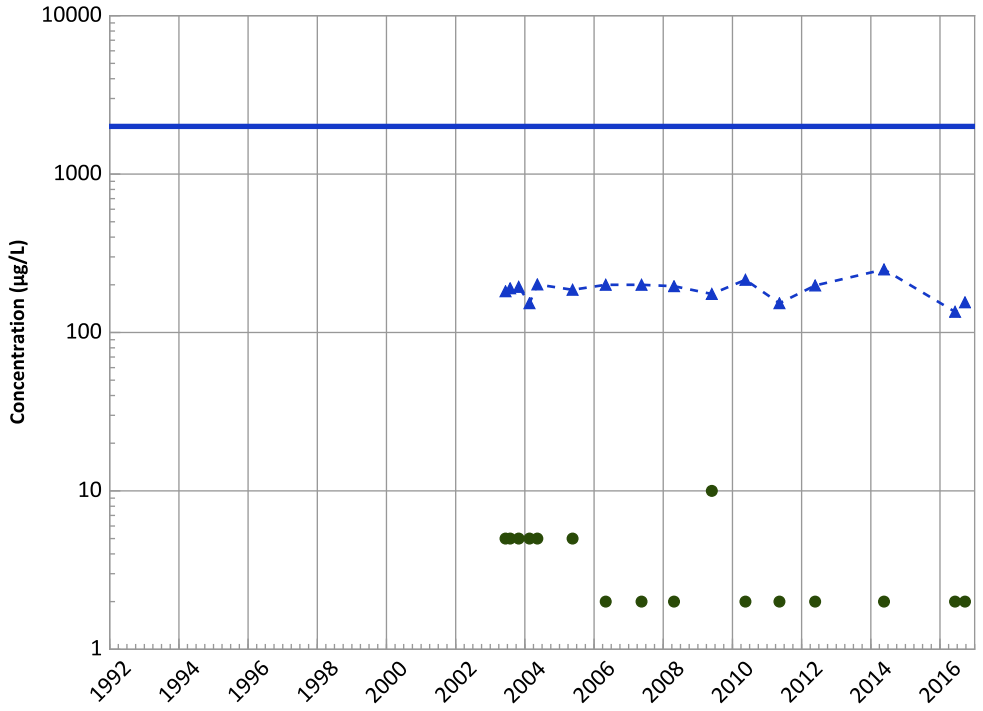
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

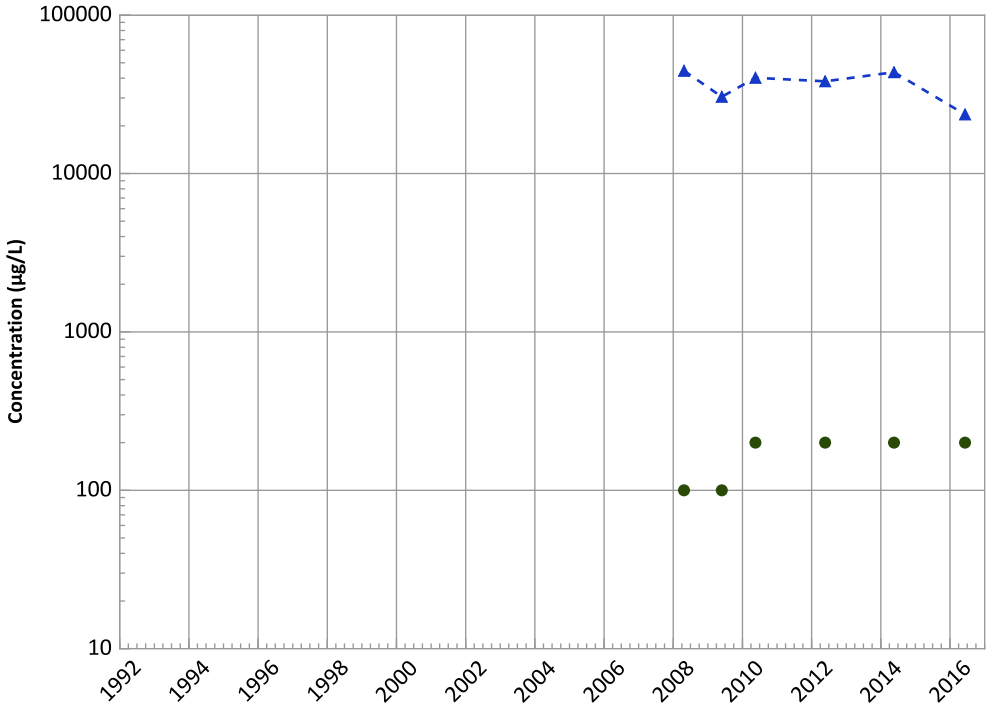


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Calcium Trend



Concentration Trend

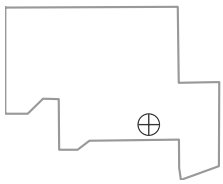
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/11/2003 to 09/21/2016
Analysis Date: 03/07/2017

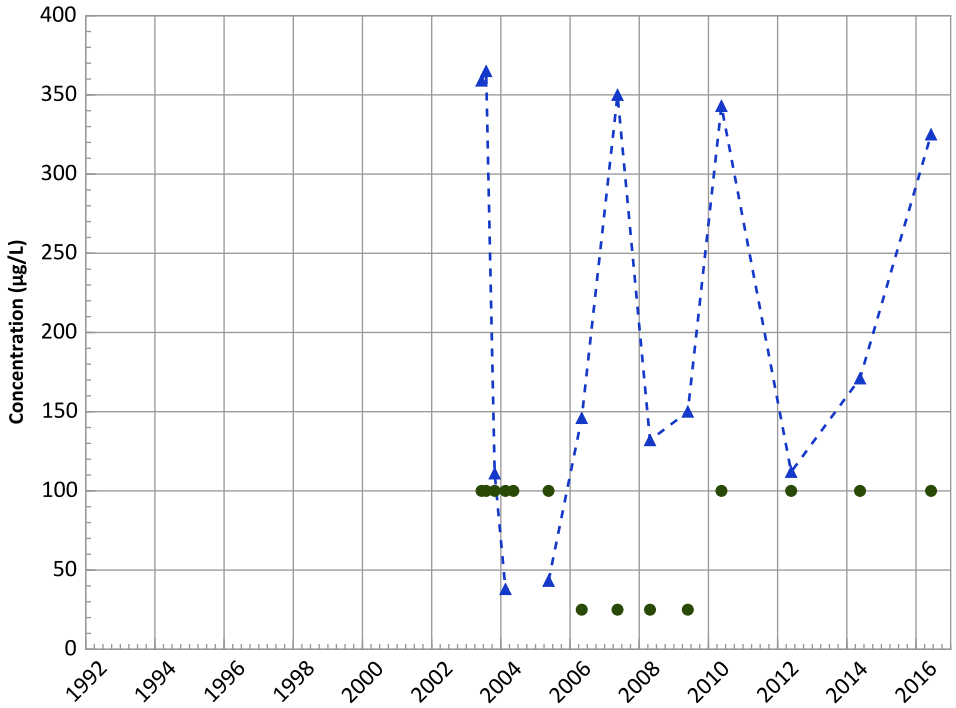
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

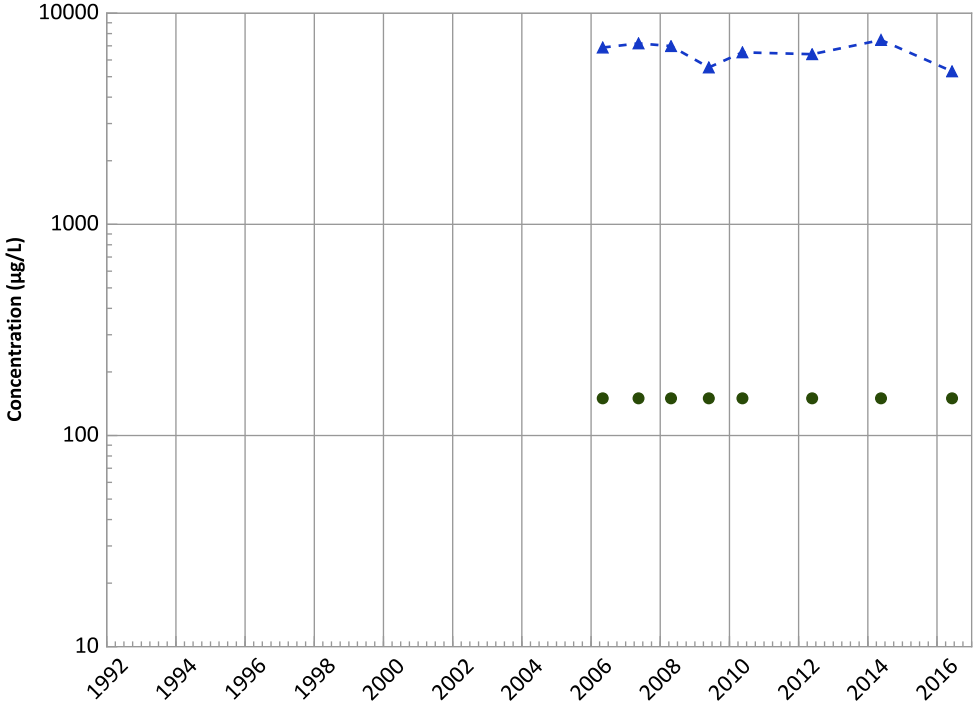


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Potassium Trend



Concentration Trend

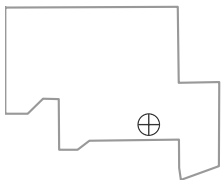
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/11/2003 to 09/21/2016
Analysis Date: 03/07/2017

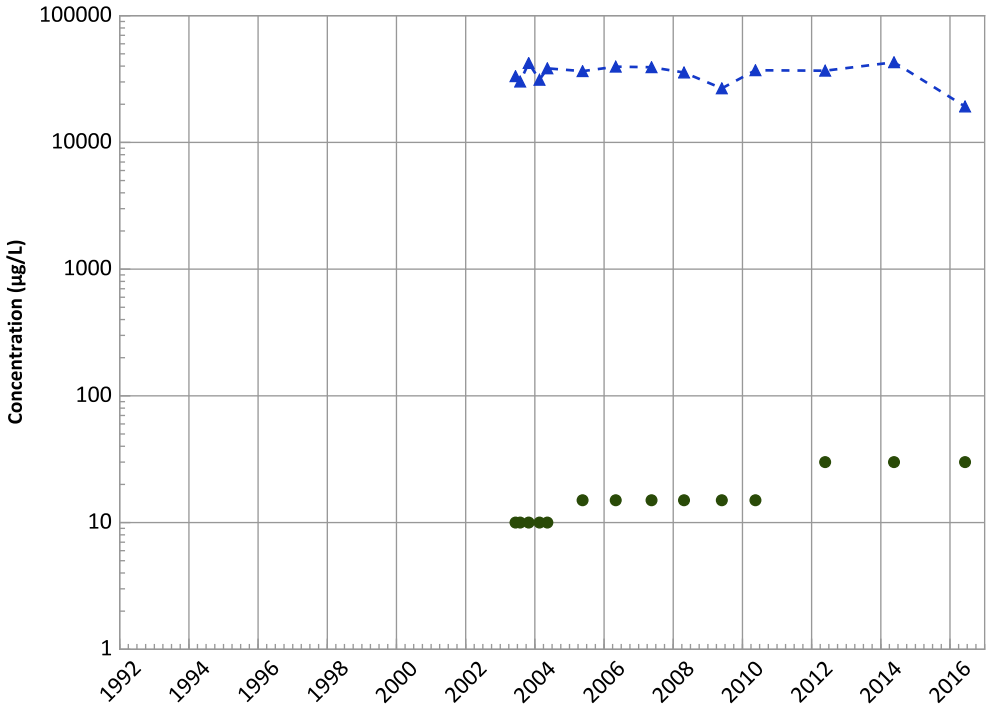
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

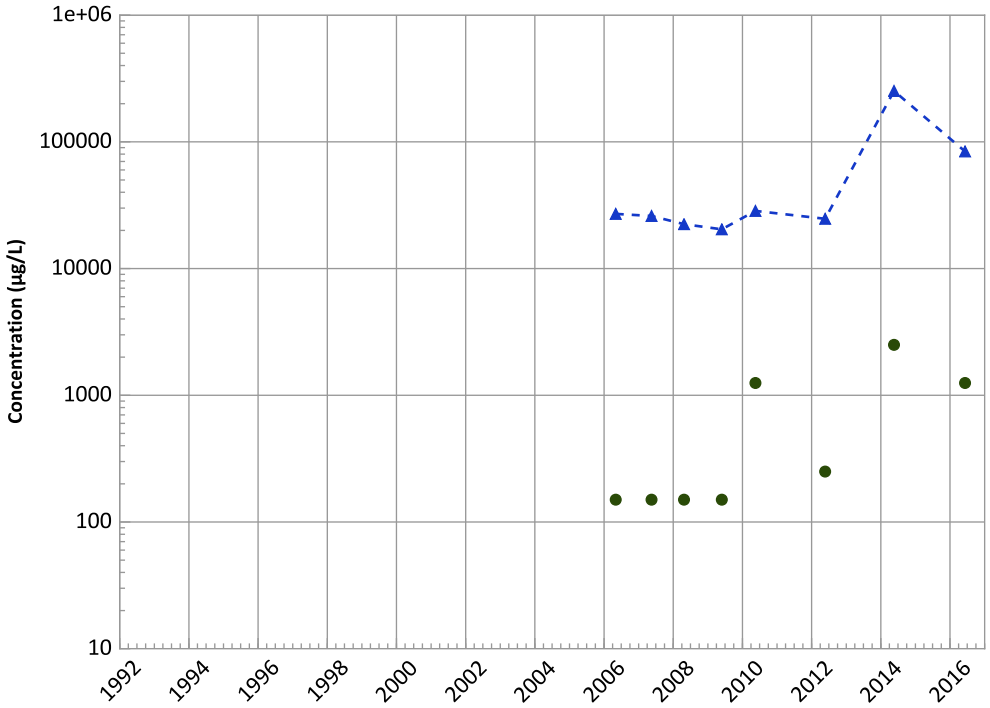


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Sodium Trend



Concentration Trend

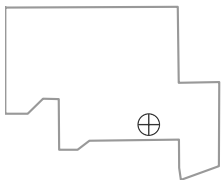
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

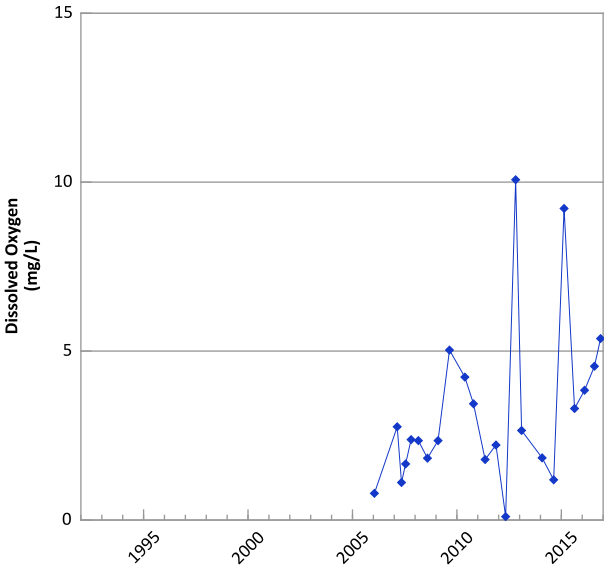
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/11/2003 to 09/21/2016
Analysis Date: 03/07/2017

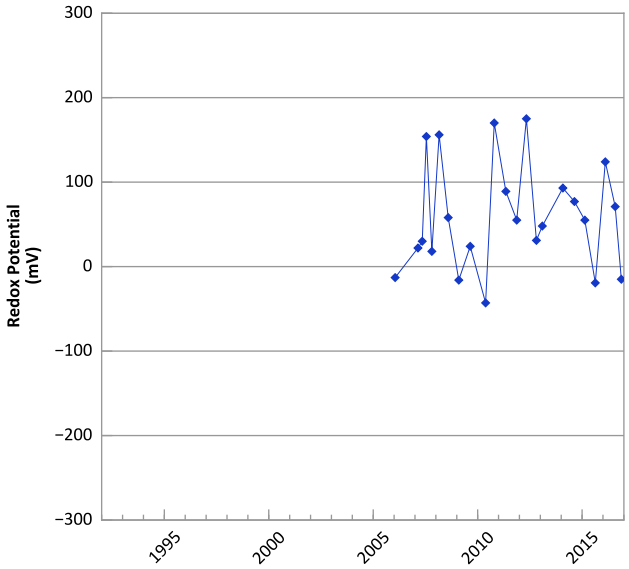
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

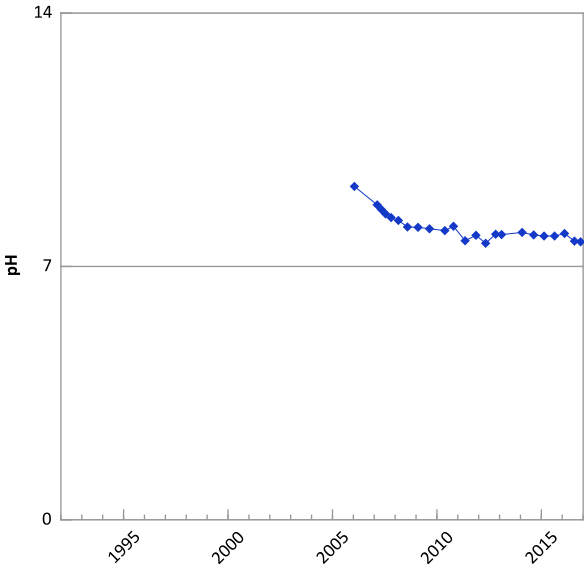
Well Location

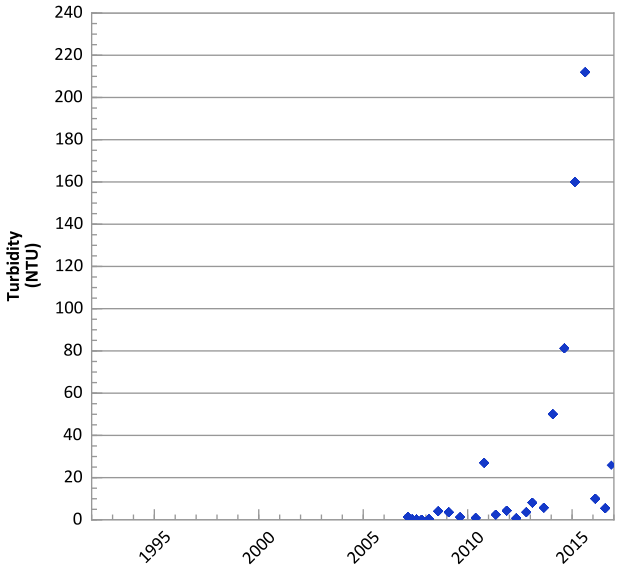


PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



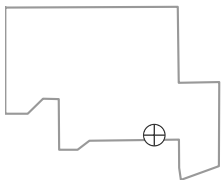






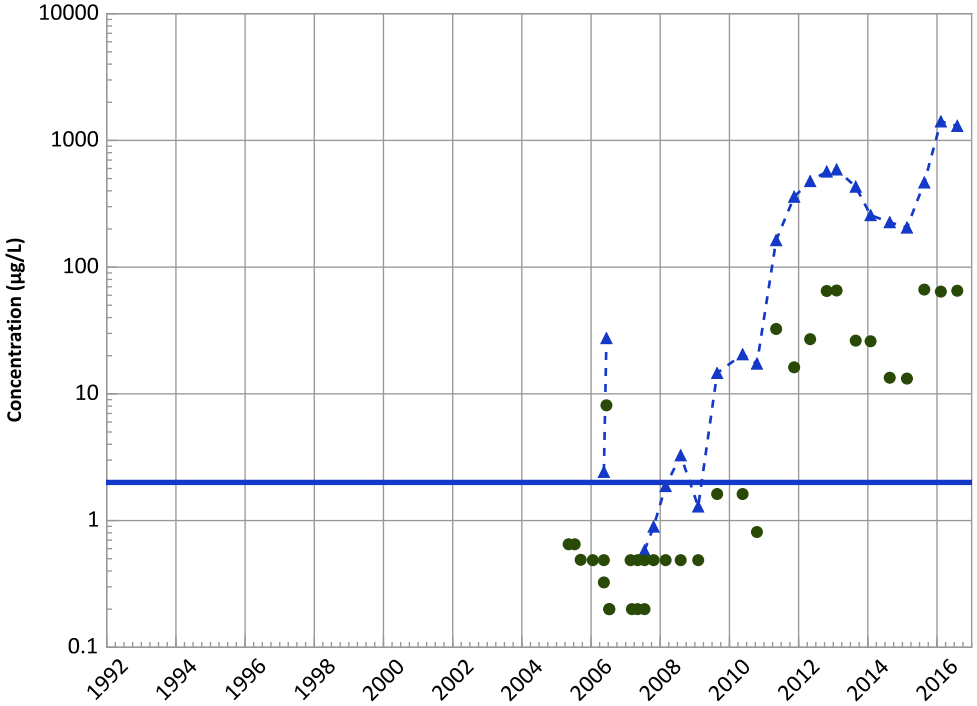
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/09/2005 to 11/17/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

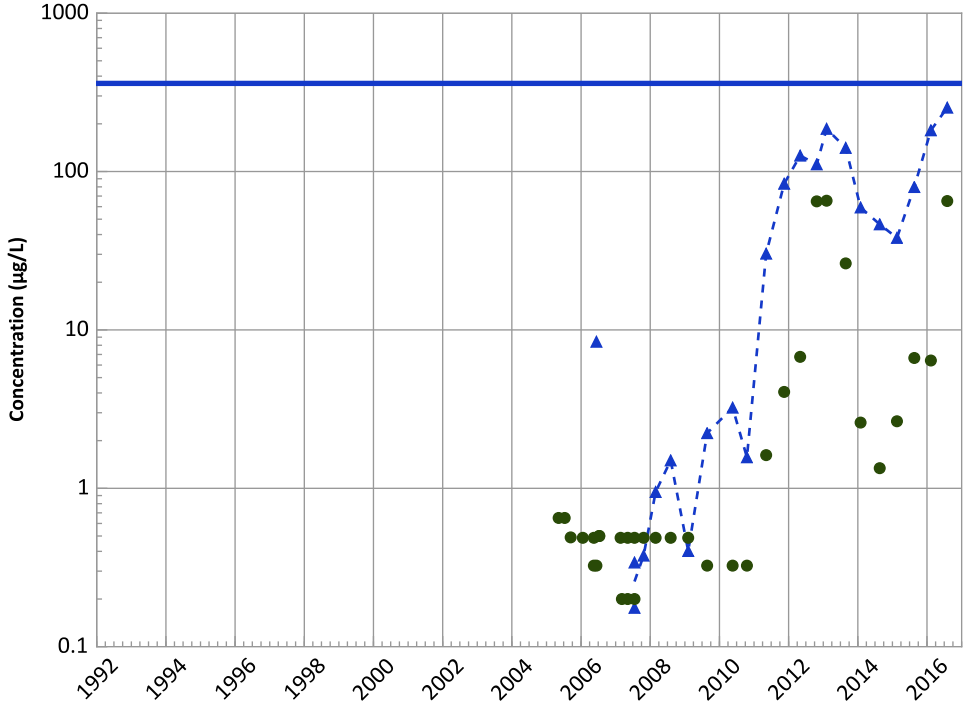


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

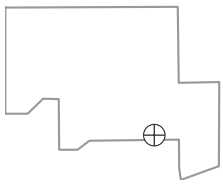
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/09/2005 to 11/17/2016
Analysis Date: 03/07/2017

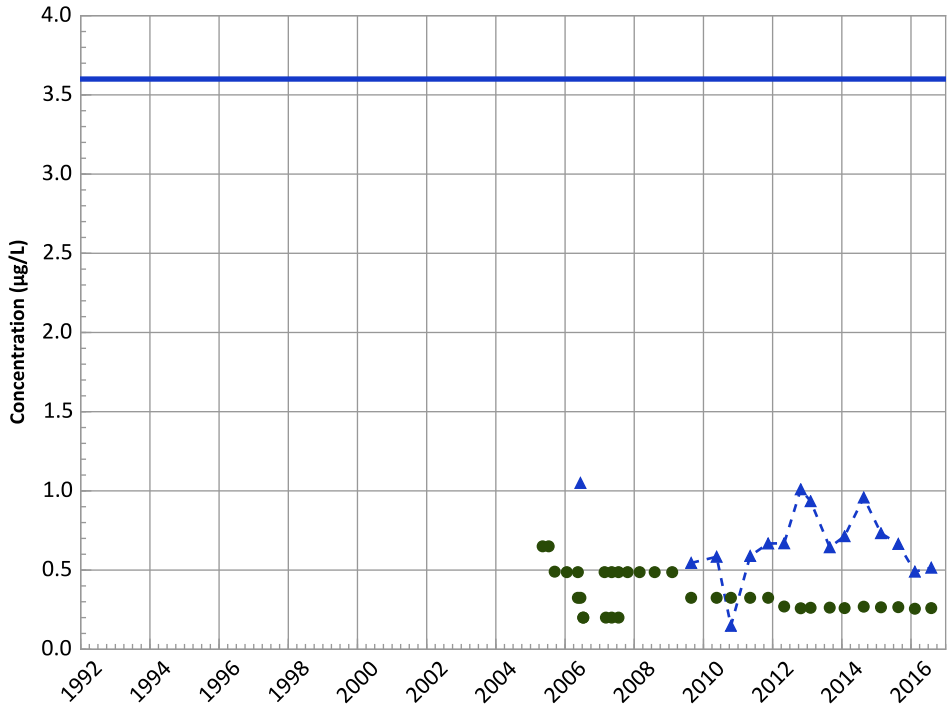
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

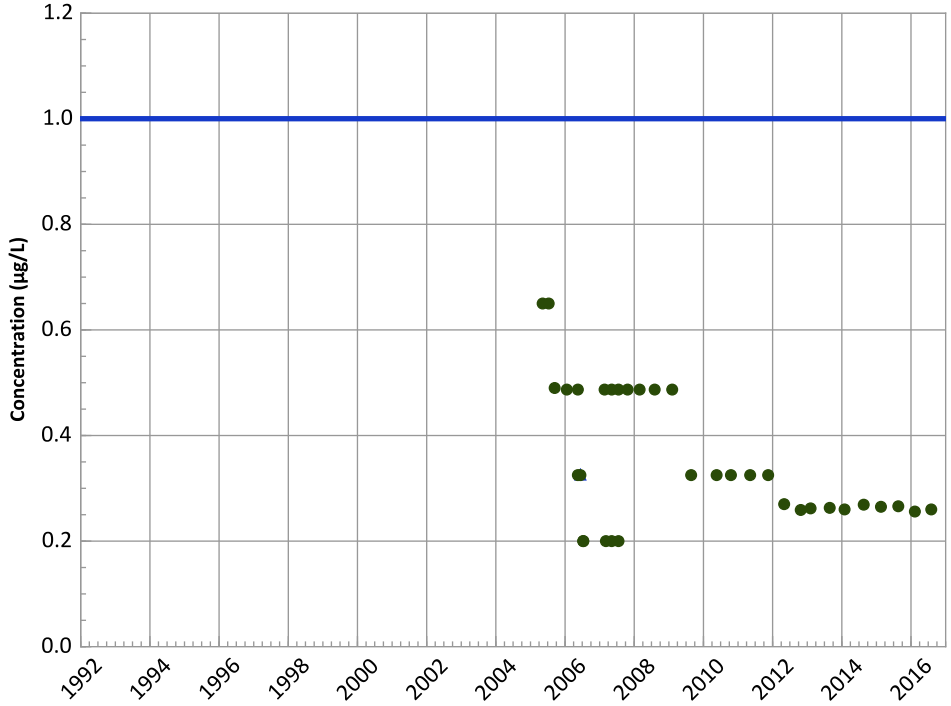


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

2,4-Dinitrotoluene Trend



Concentration Trend

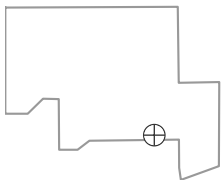
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/09/2005 to 11/17/2016
Analysis Date: 03/07/2017

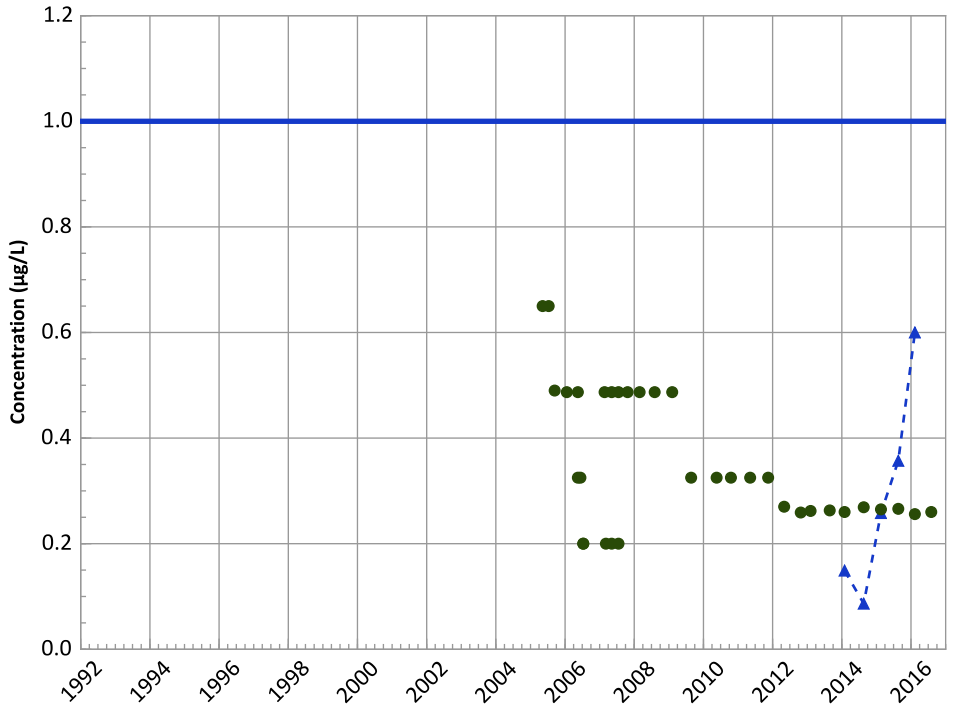
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

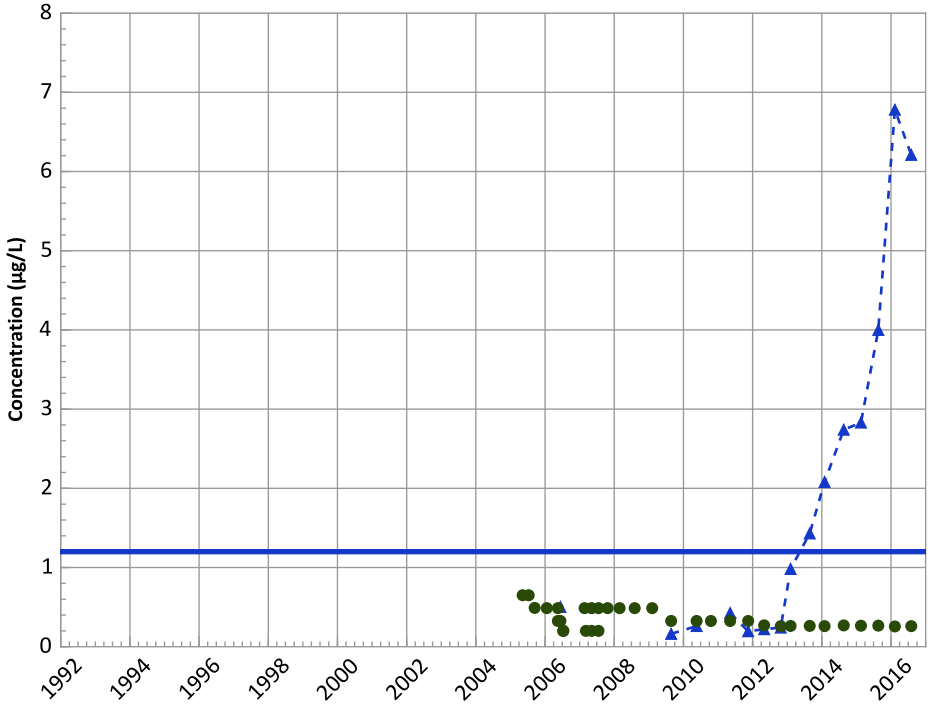


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

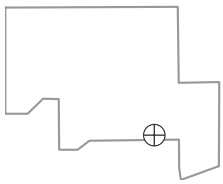
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/09/2005 to 11/17/2016
Analysis Date: 03/07/2017

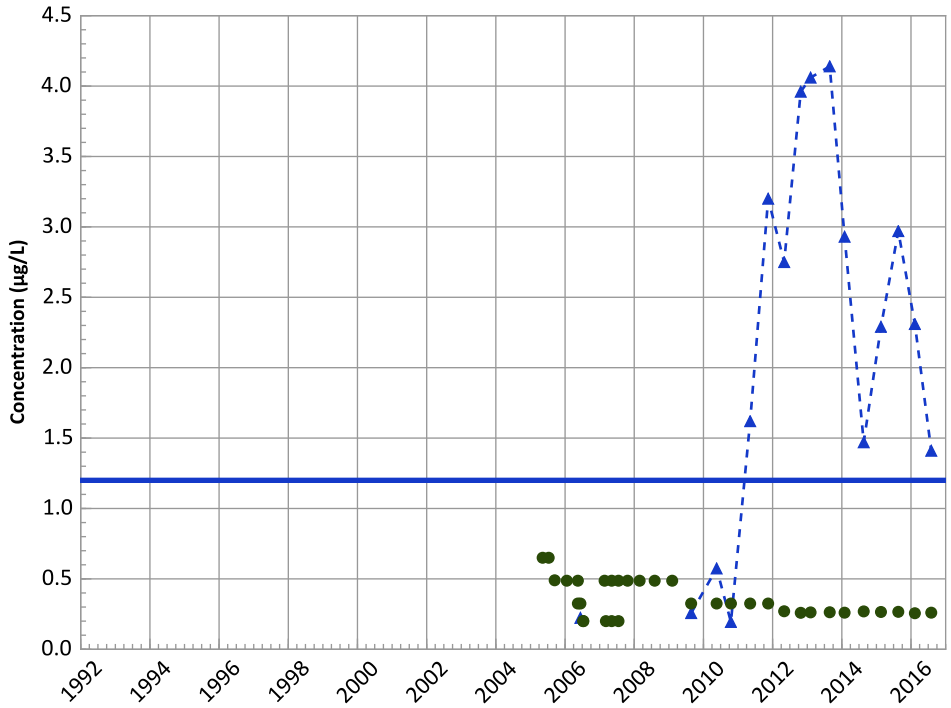
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

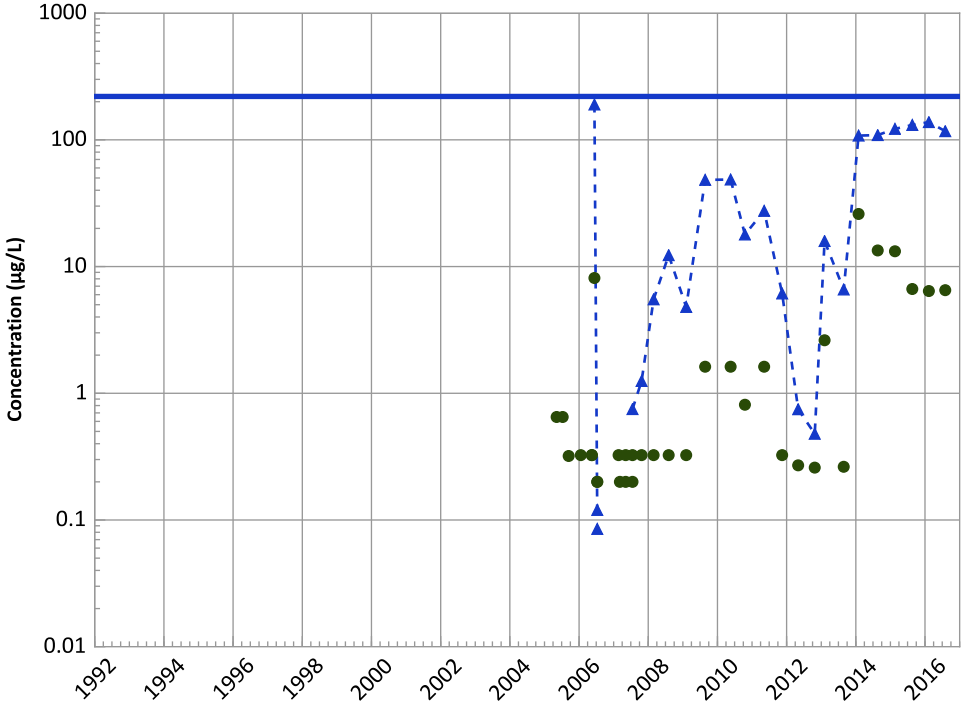


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

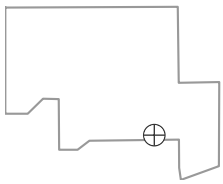
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/09/2005 to 11/17/2016
Analysis Date: 03/07/2017

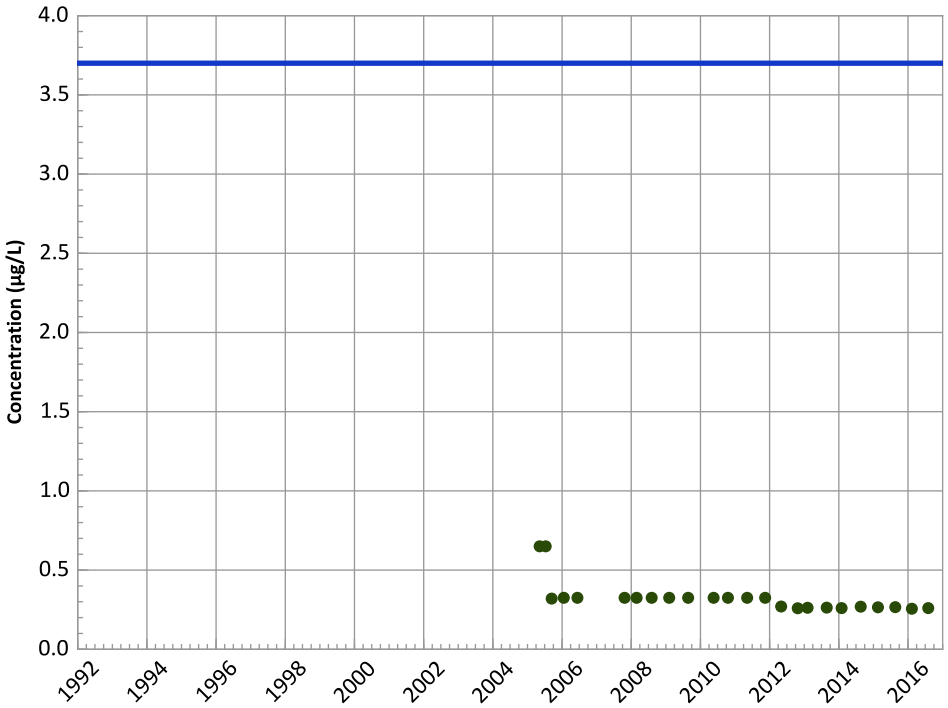
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

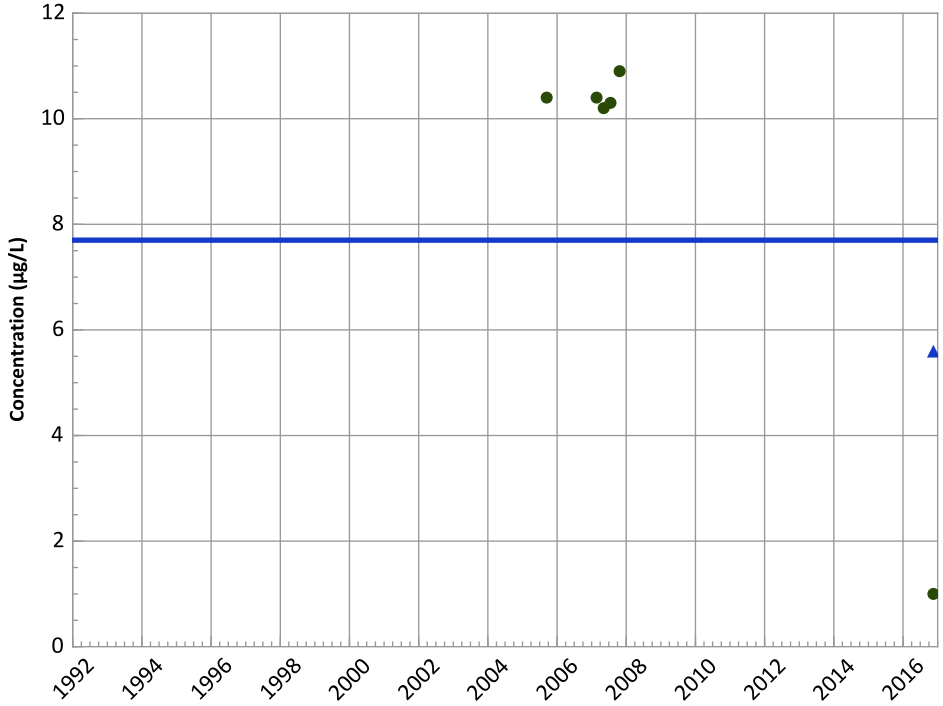


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

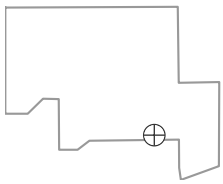
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/09/2005 to 11/17/2016
Analysis Date: 03/07/2017

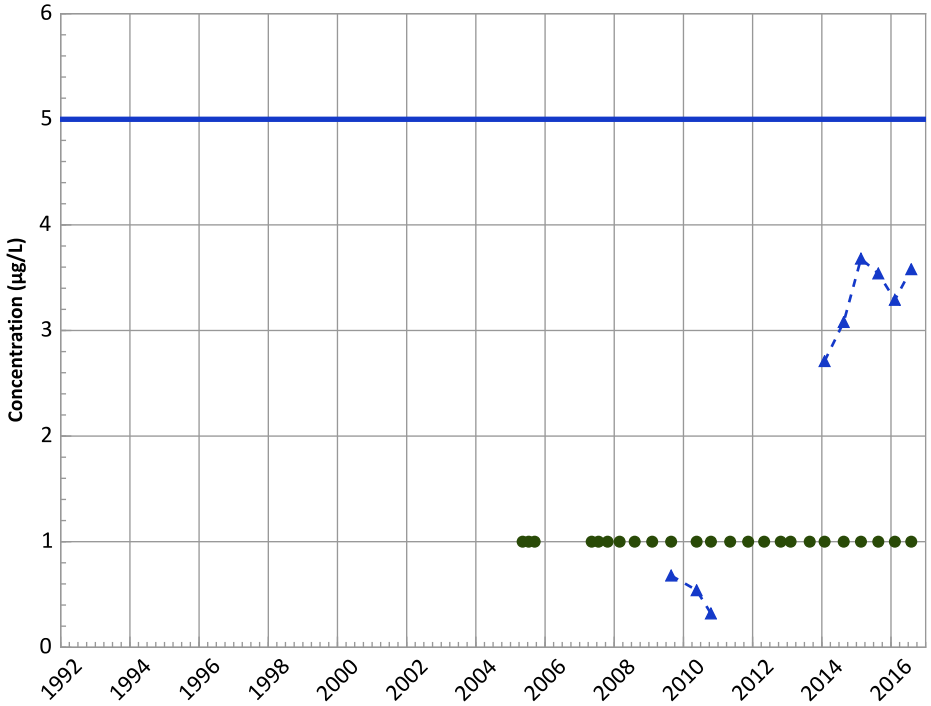
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

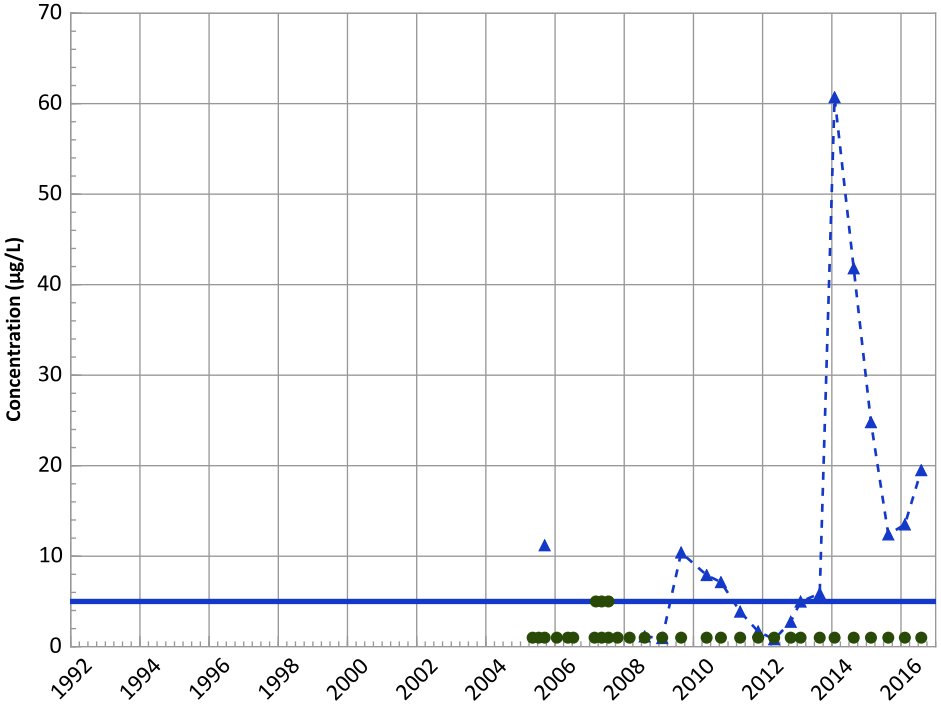


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Trichloroethene Trend



Concentration Trend

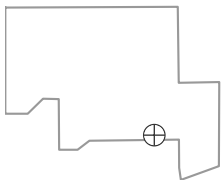
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/09/2005 to 11/17/2016
Analysis Date: 03/07/2017

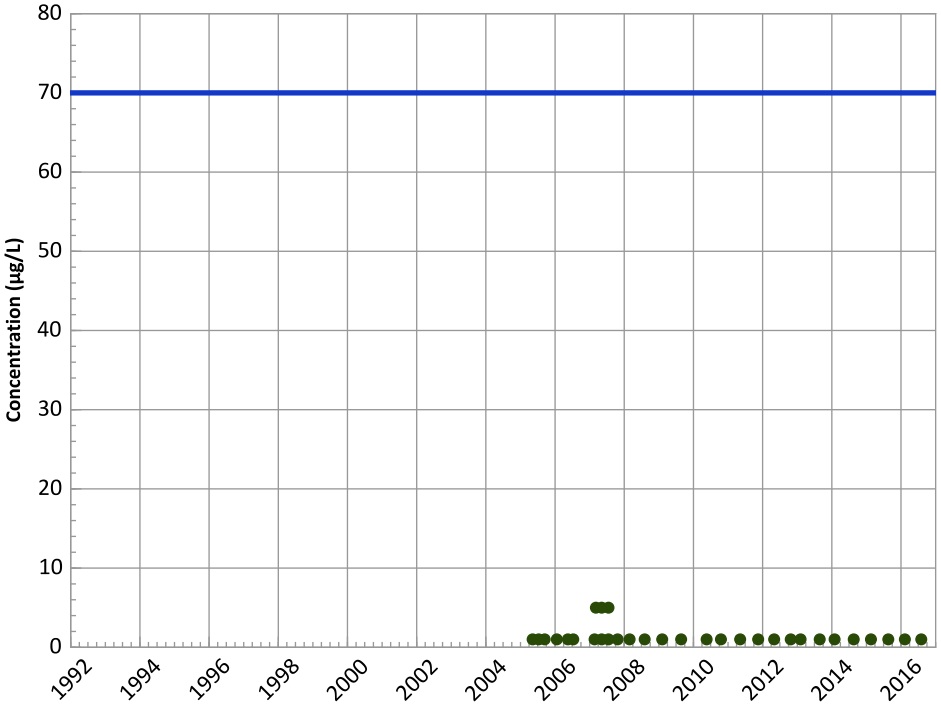
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

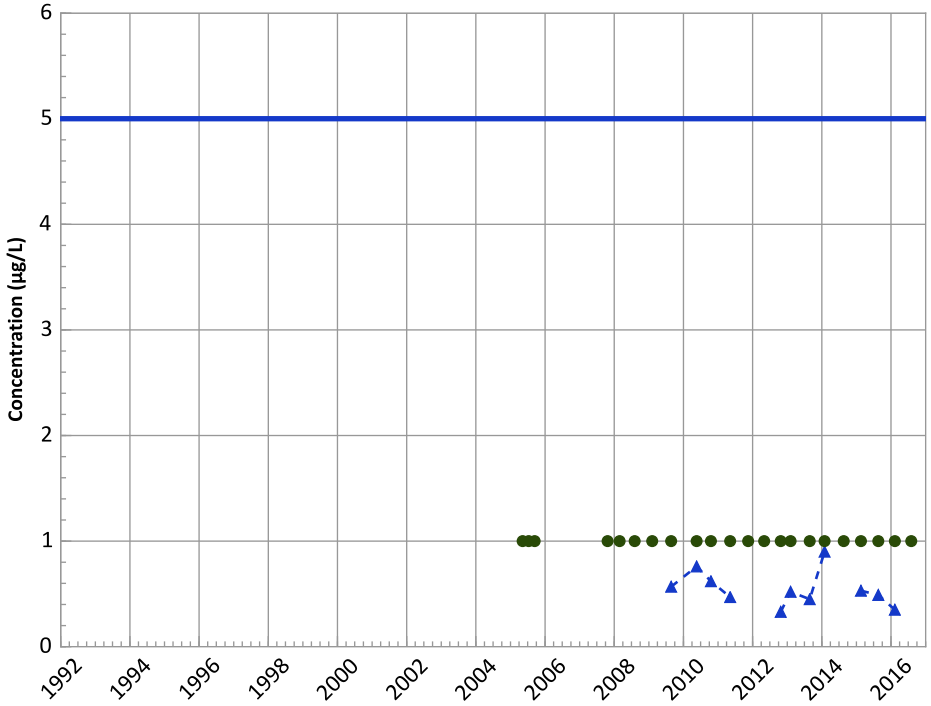


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

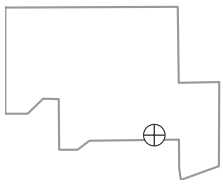
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/09/2005 to 11/17/2016
Analysis Date: 03/07/2017

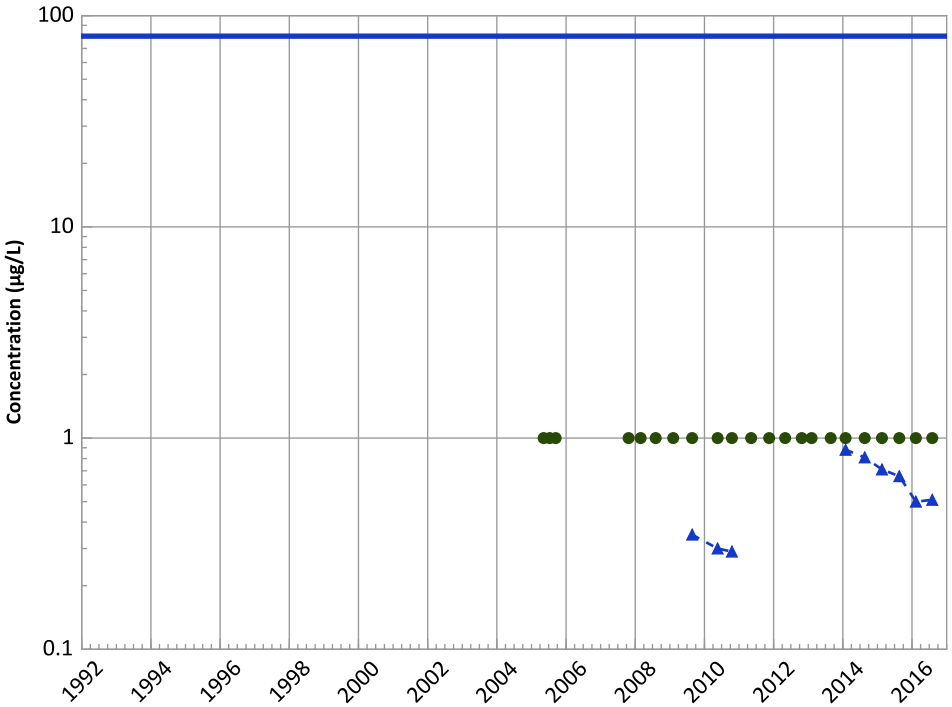
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

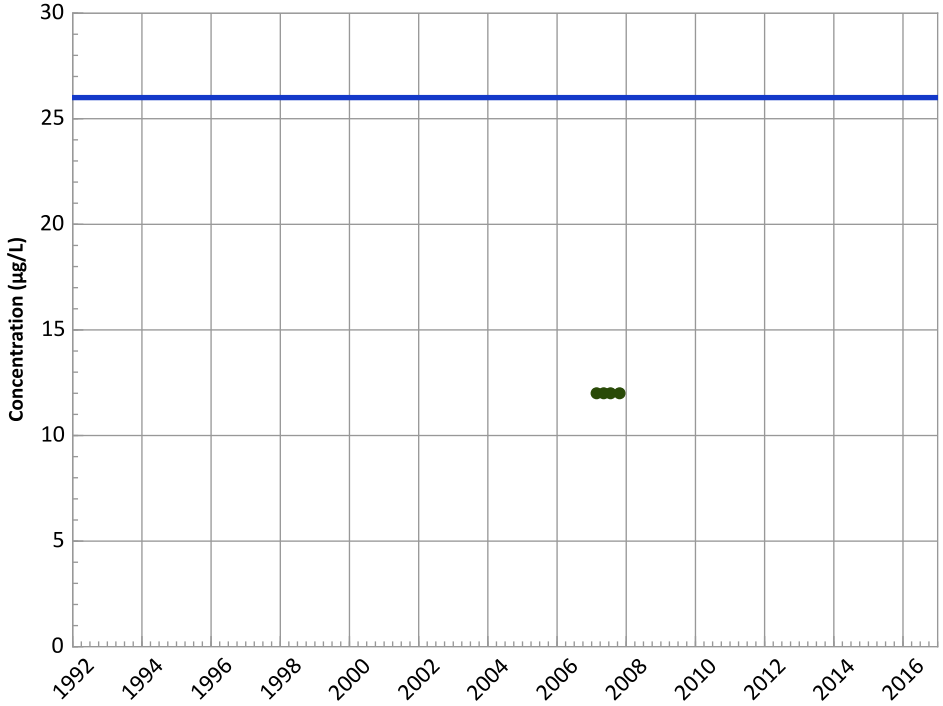


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Perchlorate Trend



Concentration Trend

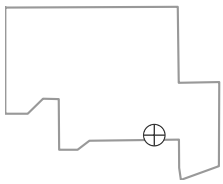
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/09/2005 to 11/17/2016
Analysis Date: 03/07/2017

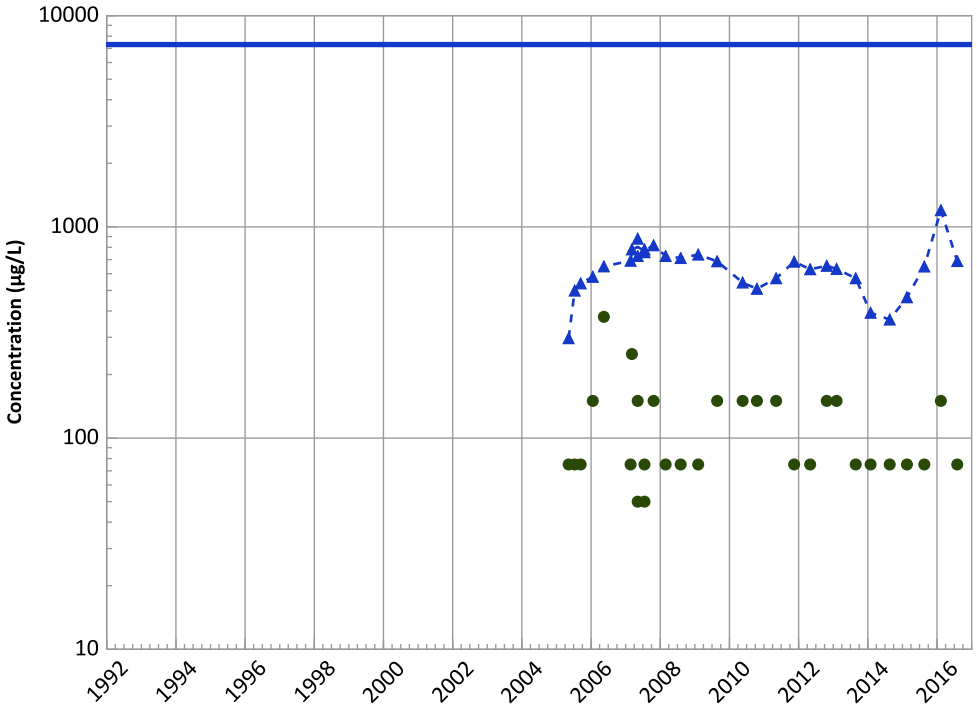
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

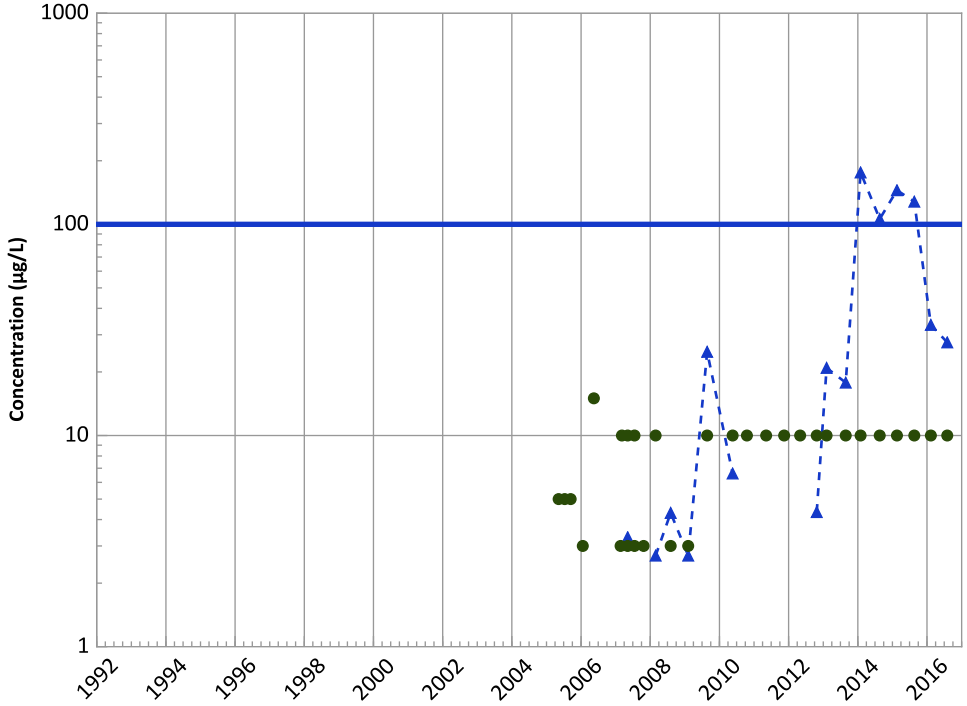


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Chromium, Total Trend



Concentration Trend

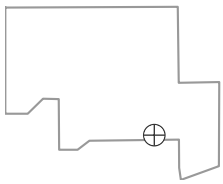
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/09/2005 to 11/17/2016
Analysis Date: 03/07/2017

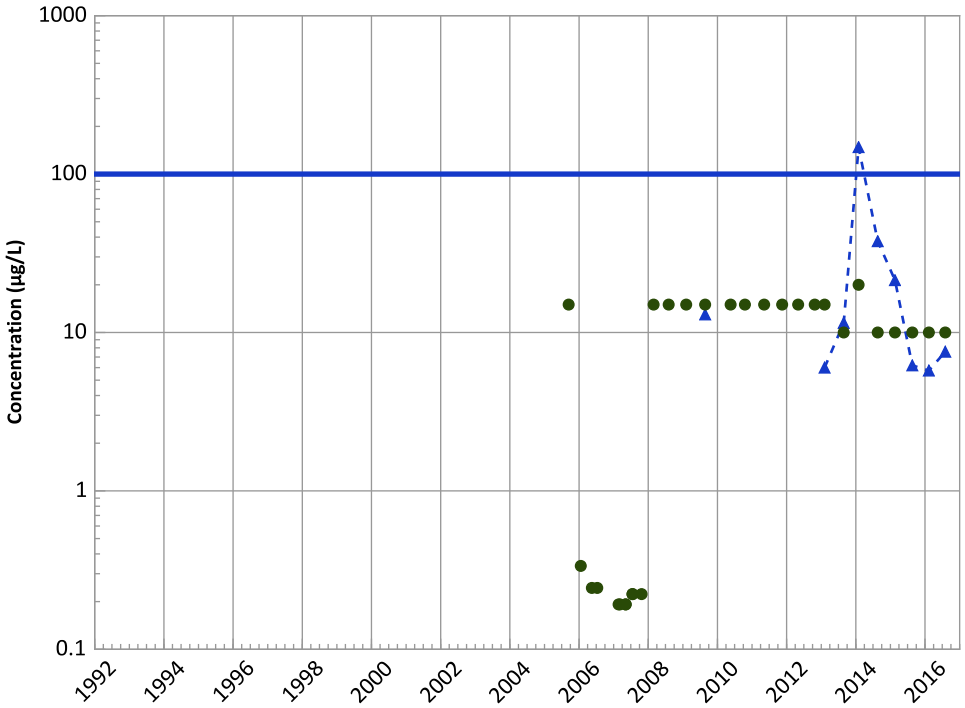
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

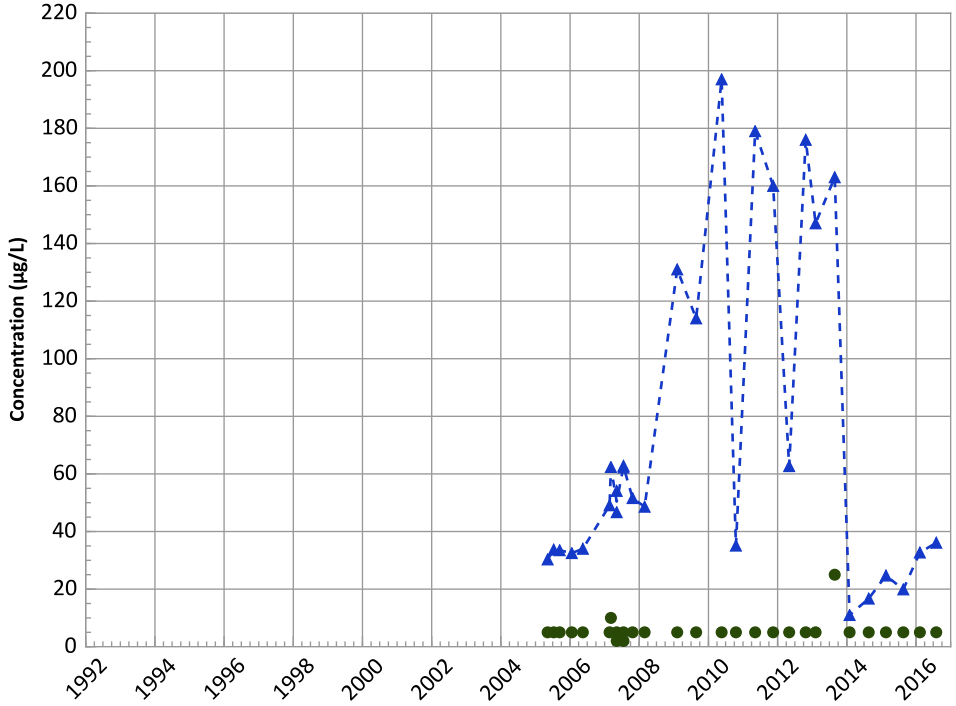


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Manganese Trend



Concentration Trend

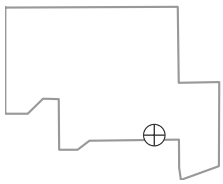
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/09/2005 to 11/17/2016
Analysis Date: 03/07/2017

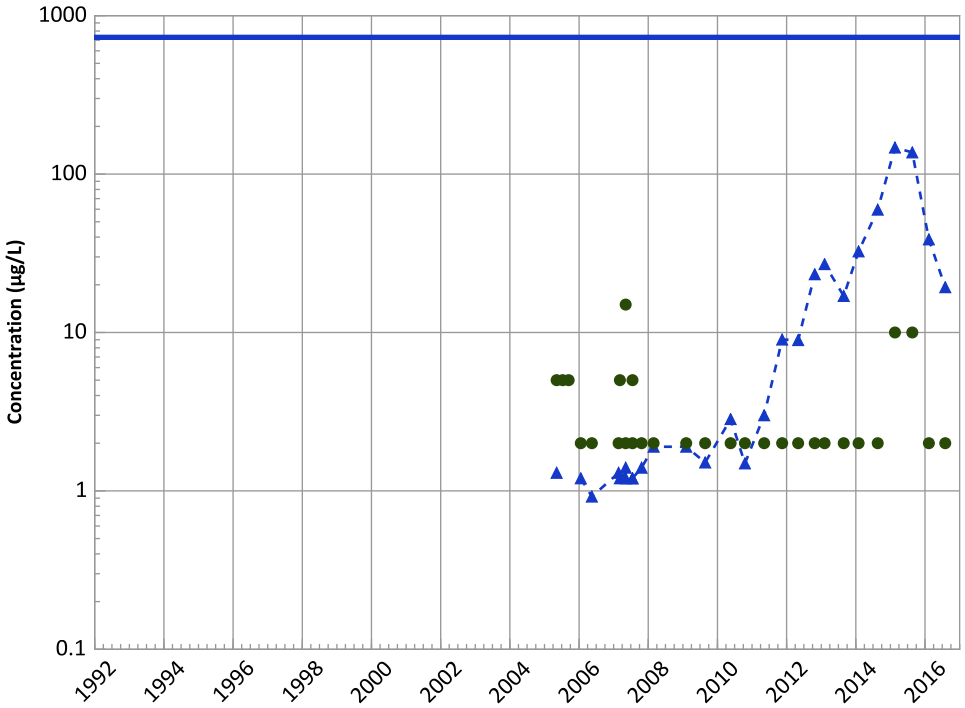
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

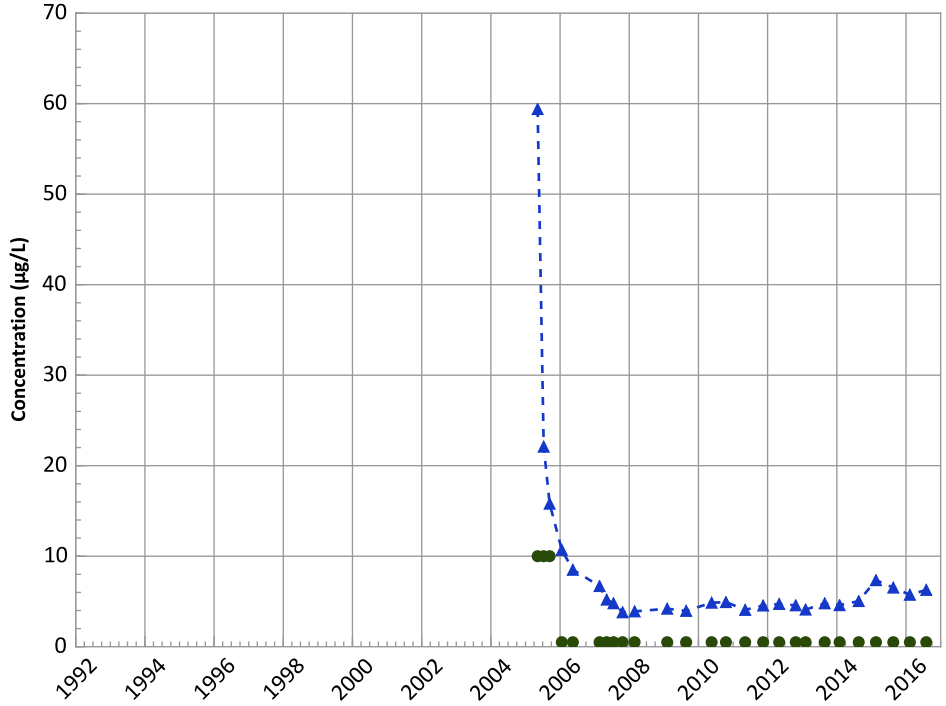


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Molybdenum Trend



Concentration Trend

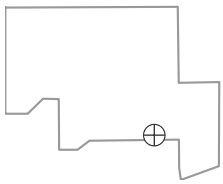
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/09/2005 to 11/17/2016
Analysis Date: 03/07/2017

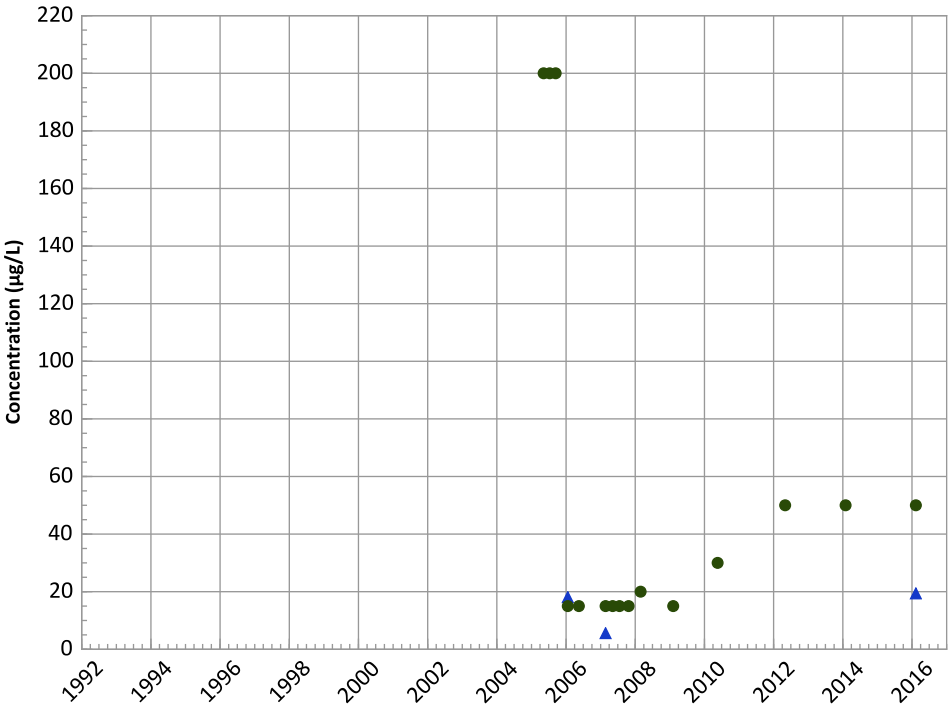
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

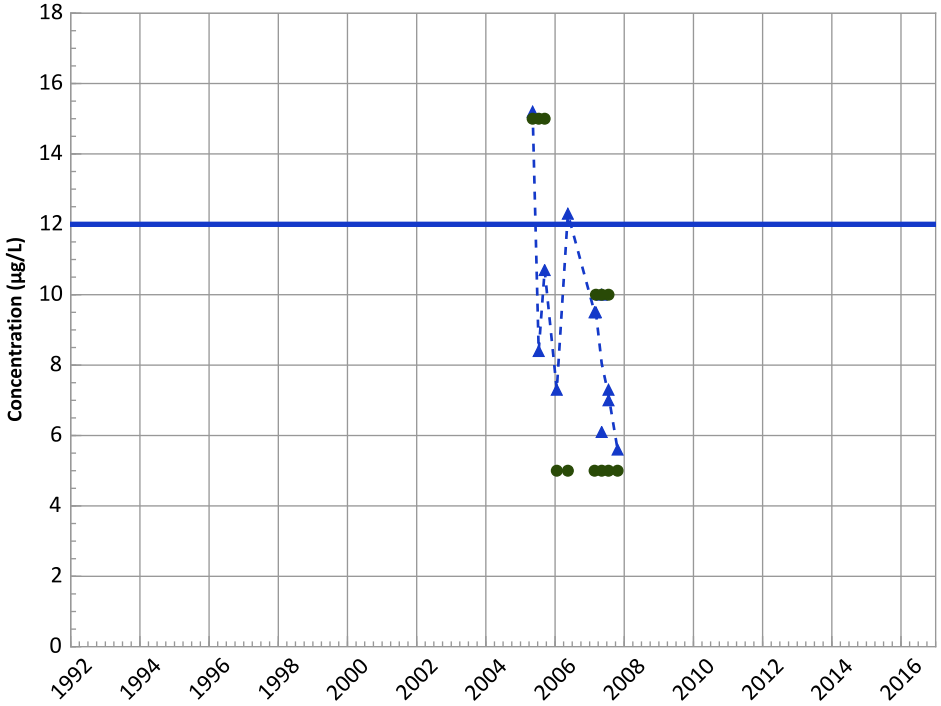


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

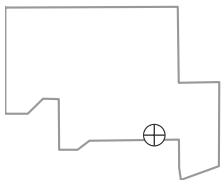
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/09/2005 to 11/17/2016
Analysis Date: 03/07/2017

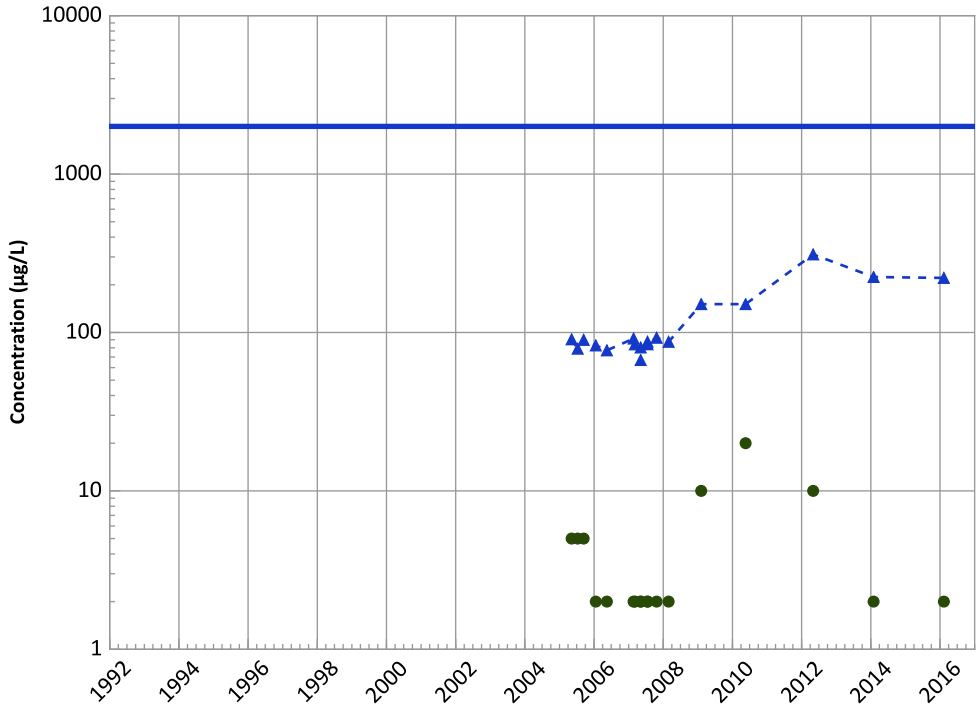
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

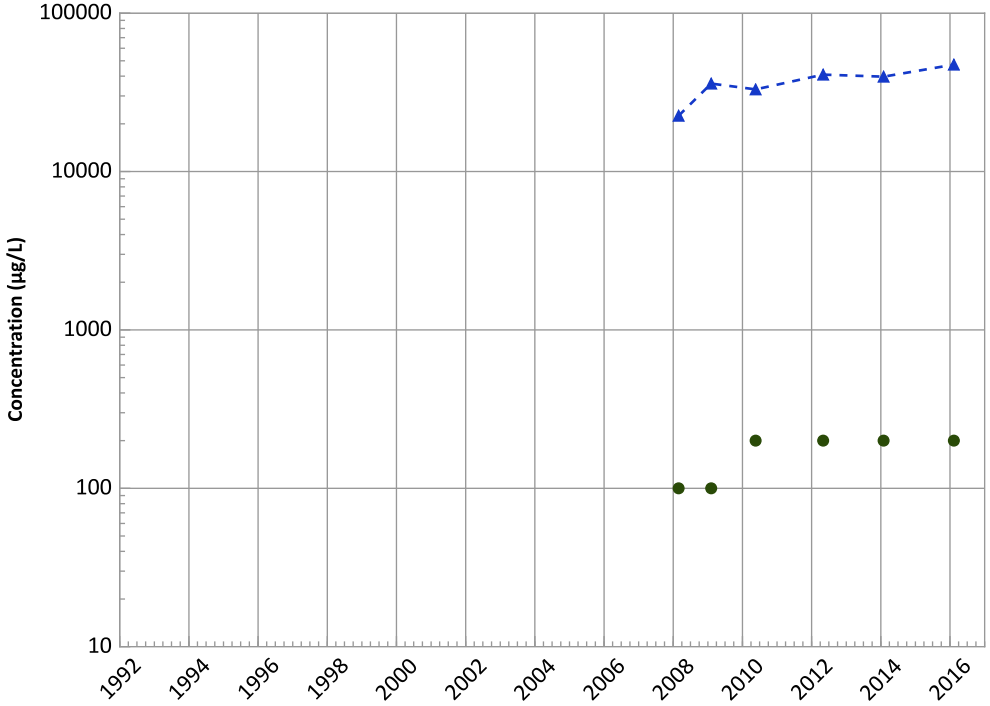


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Calcium Trend



Concentration Trend

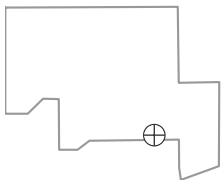
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/09/2005 to 11/17/2016
Analysis Date: 03/07/2017

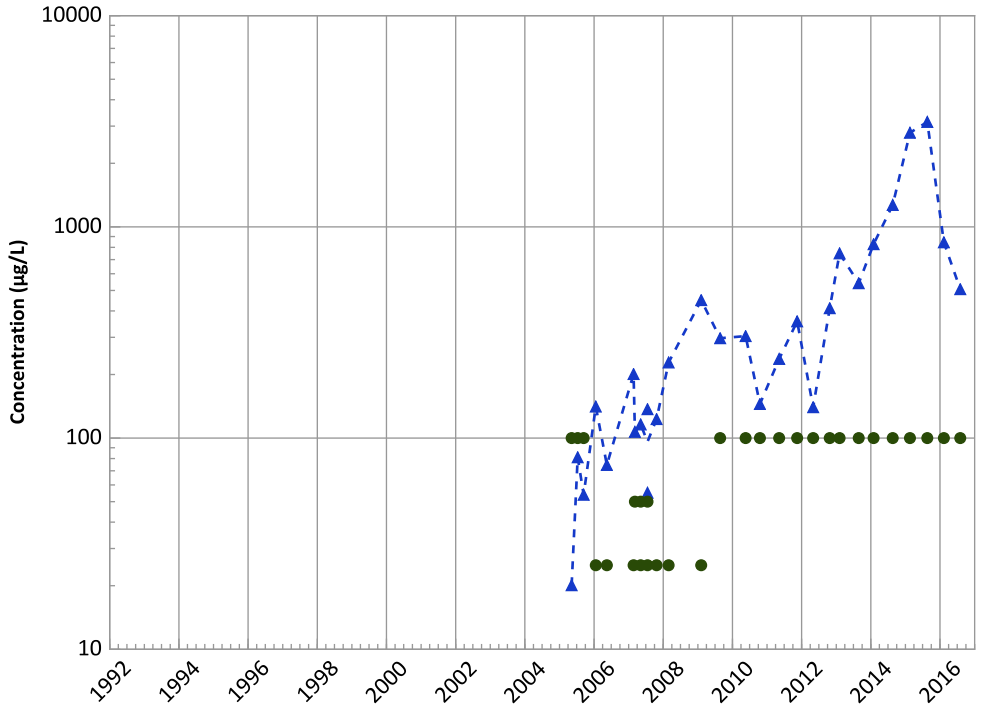
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

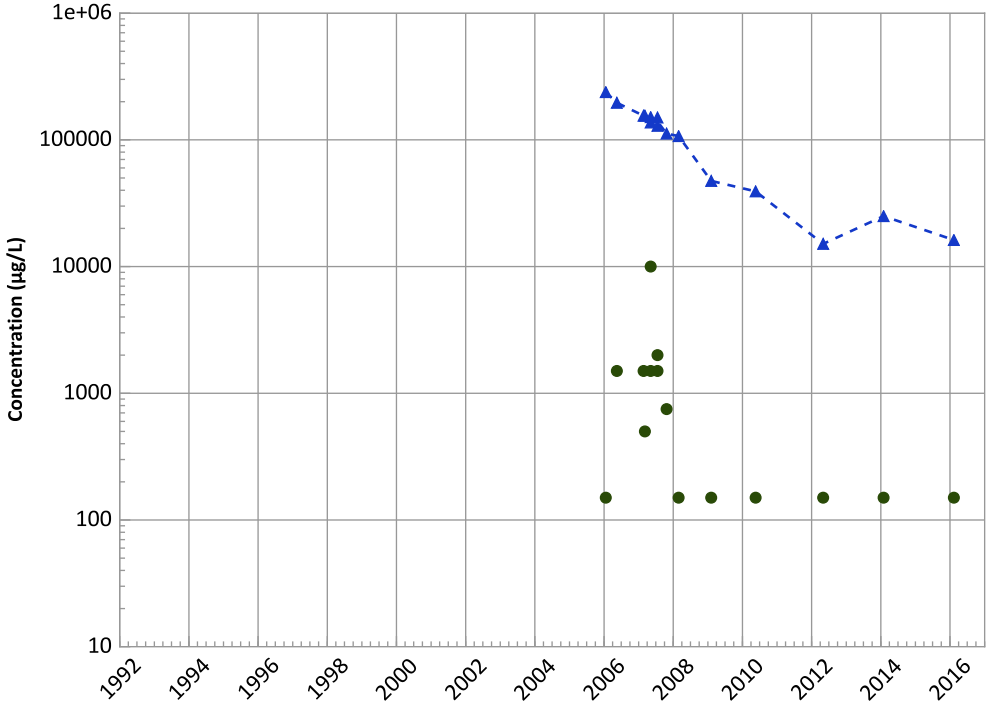


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Potassium Trend



Concentration Trend

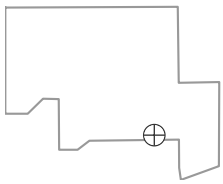
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/09/2005 to 11/17/2016
Analysis Date: 03/07/2017

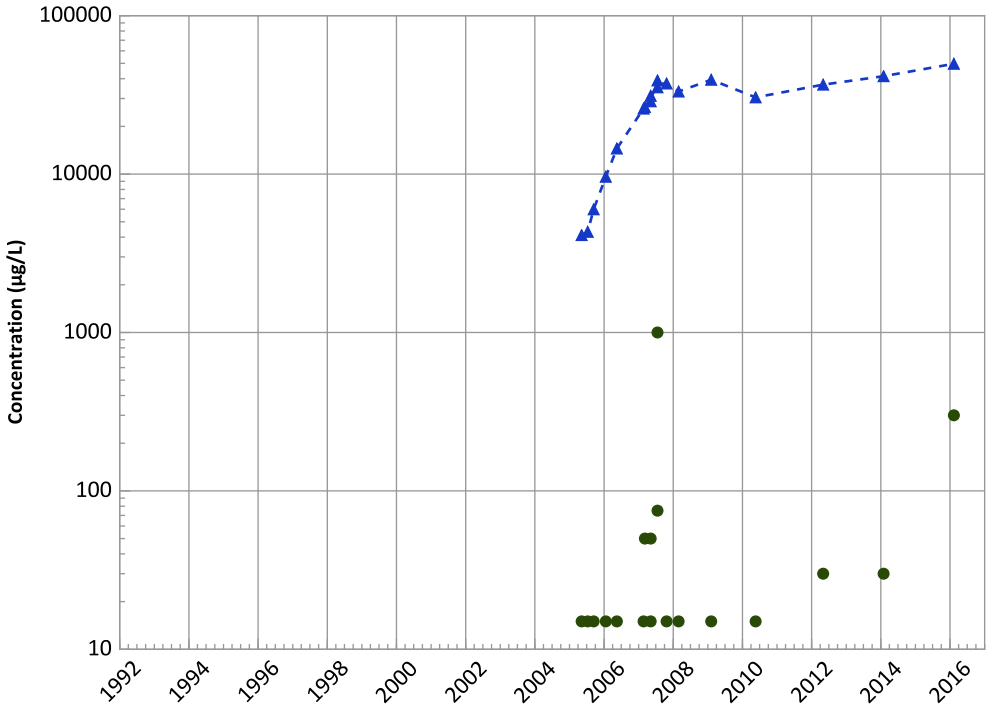
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

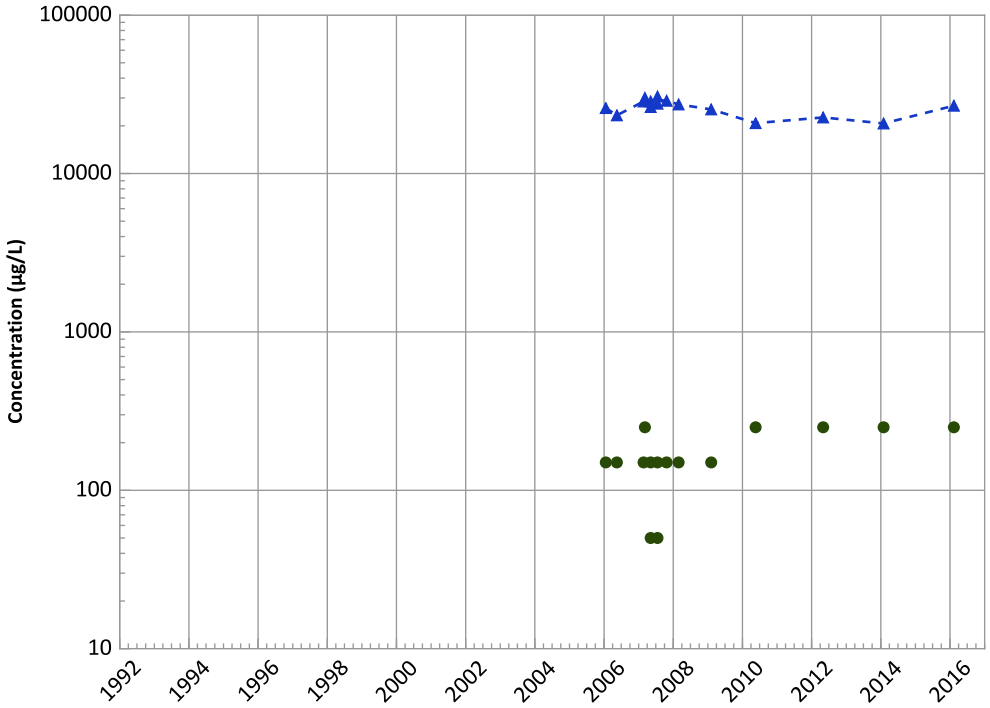


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Sodium Trend



Concentration Trend

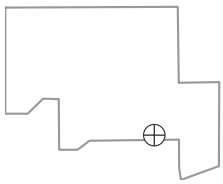
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Decreasing

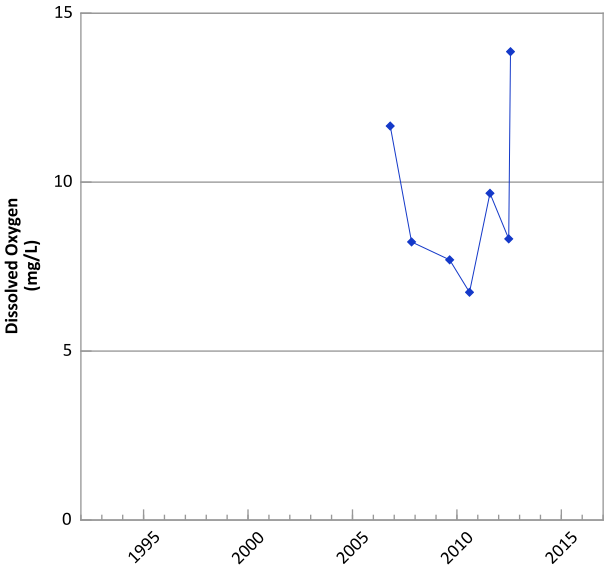
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/09/2005 to 11/17/2016
Analysis Date: 03/07/2017

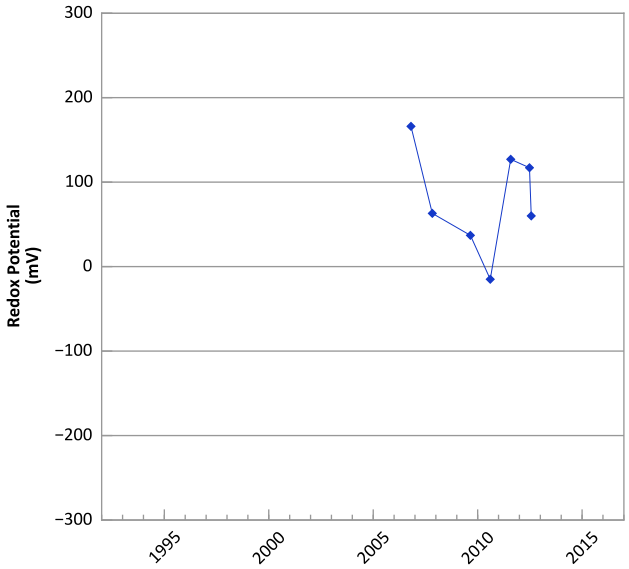
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

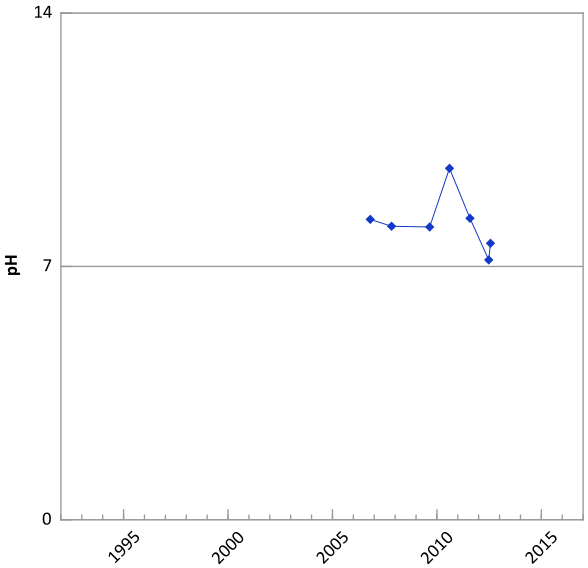
Well Location

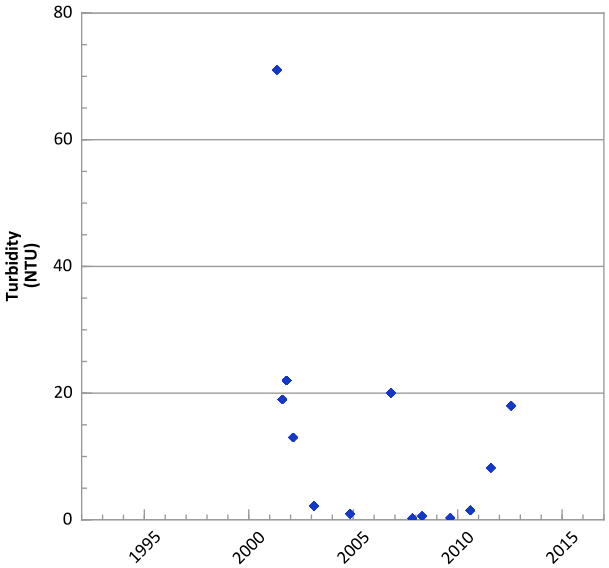


PTX06-1102 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



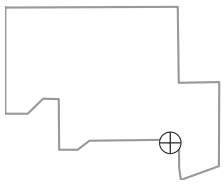






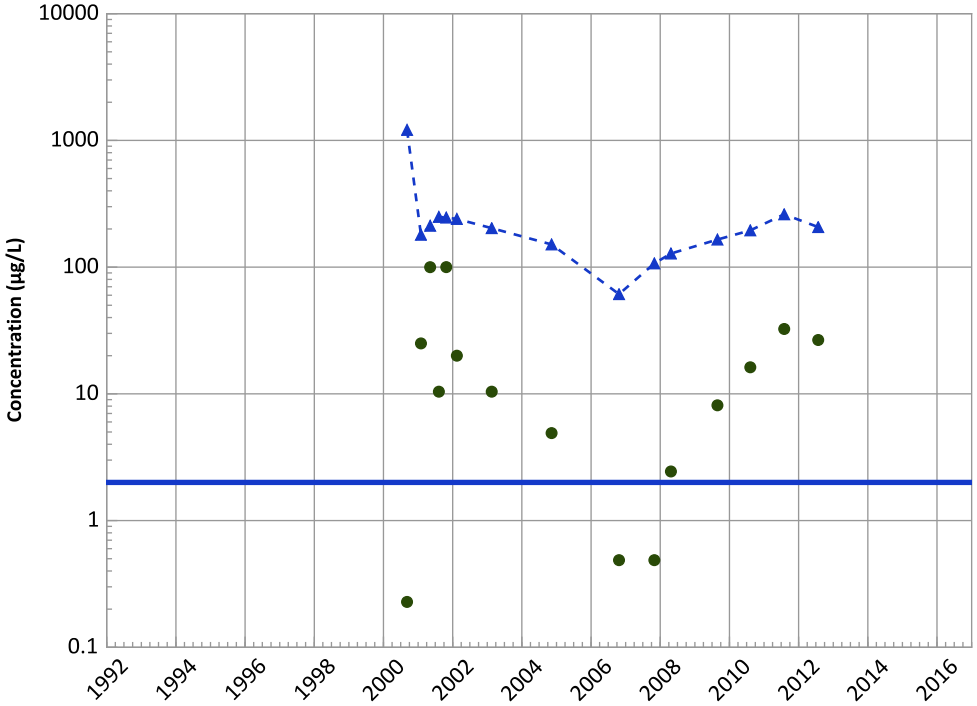
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2000 to 07/26/2012
Analysis Date: 03/07/2017

Well Location



PTX06-1102 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

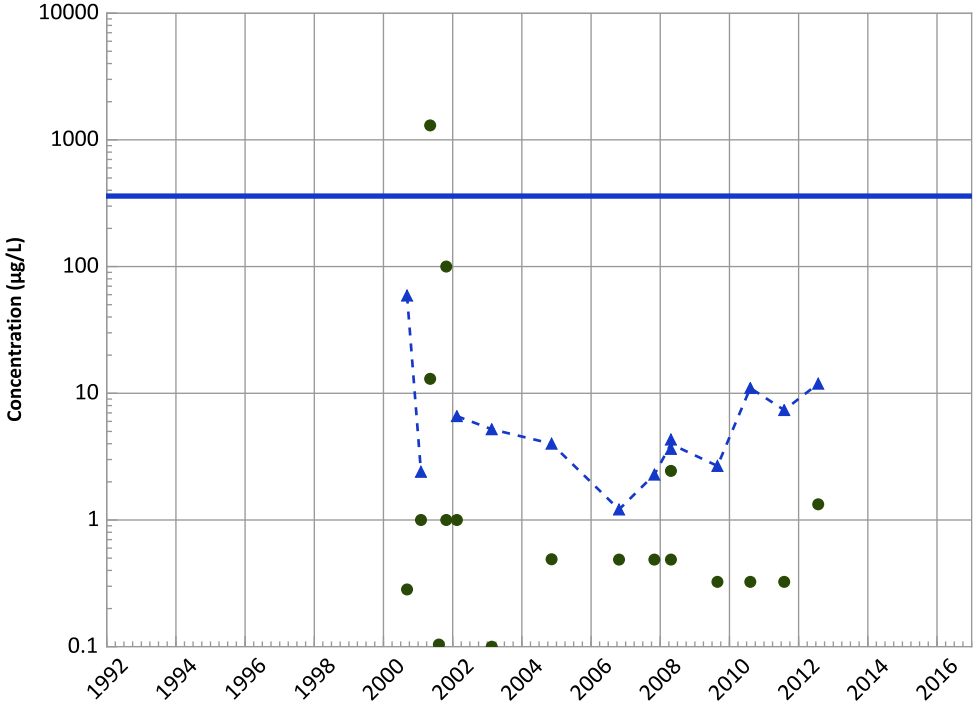


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

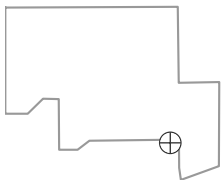
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2000 to 07/26/2012
Analysis Date: 03/07/2017

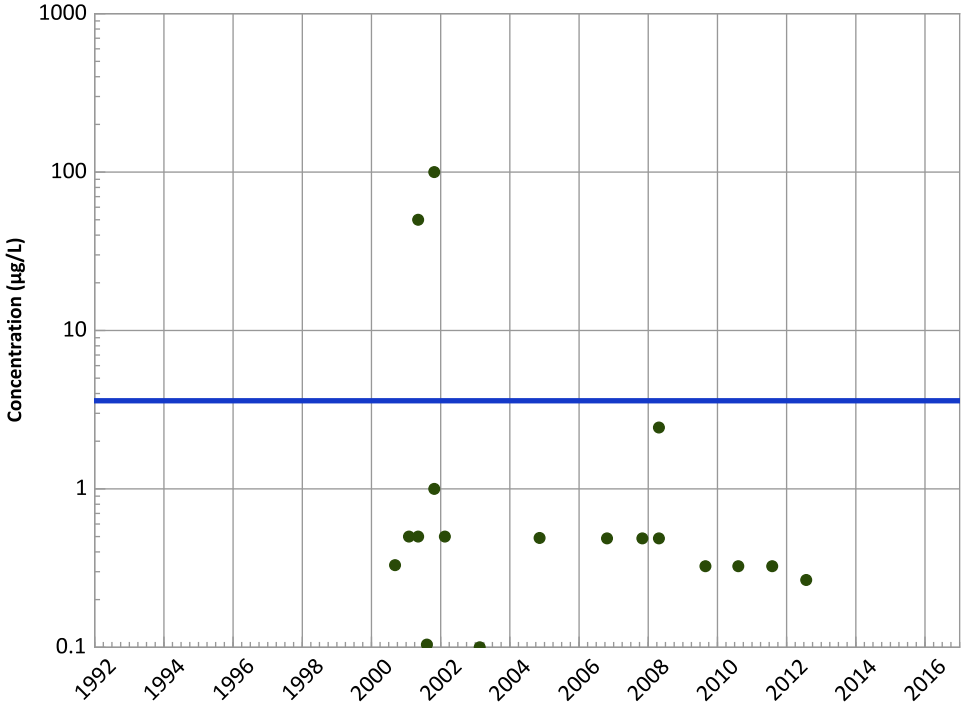
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1102 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

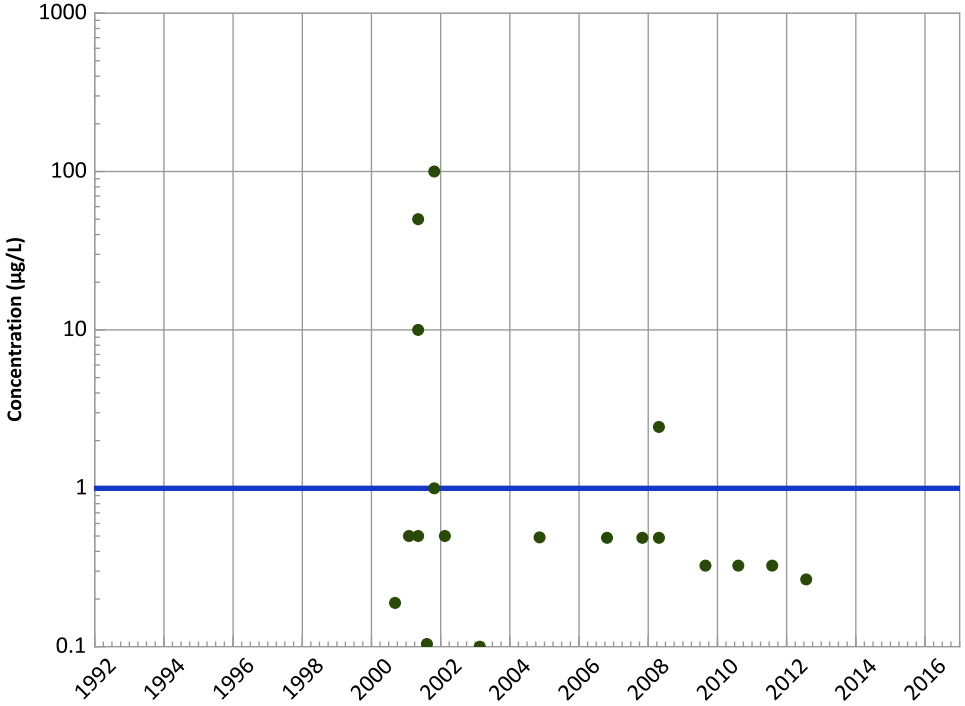


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

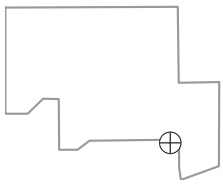
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2000 to 07/26/2012
Analysis Date: 03/07/2017

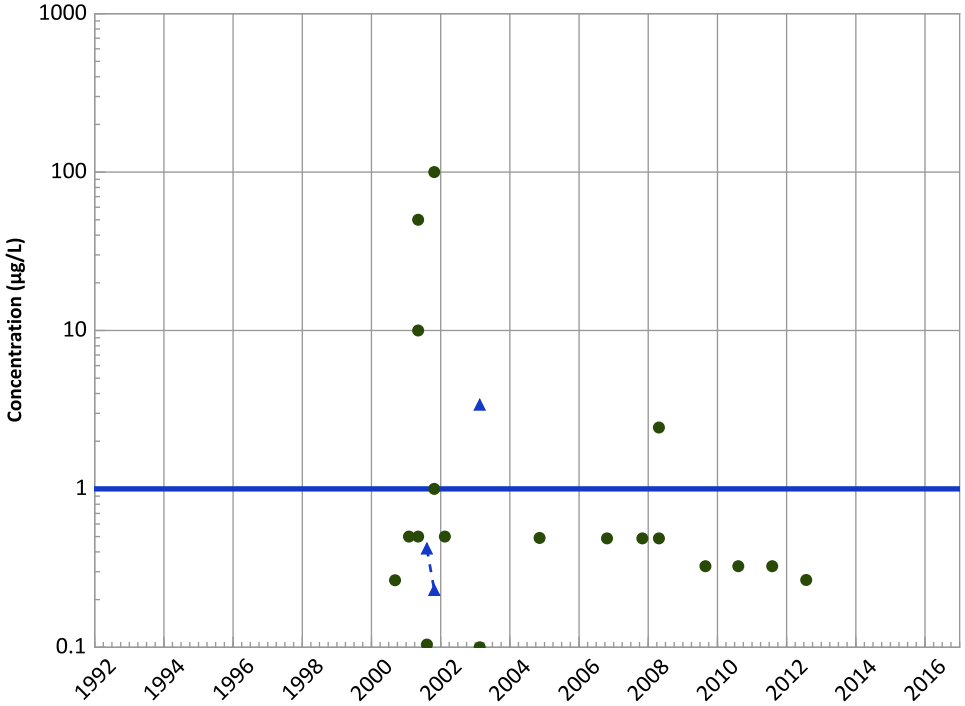
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1102 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

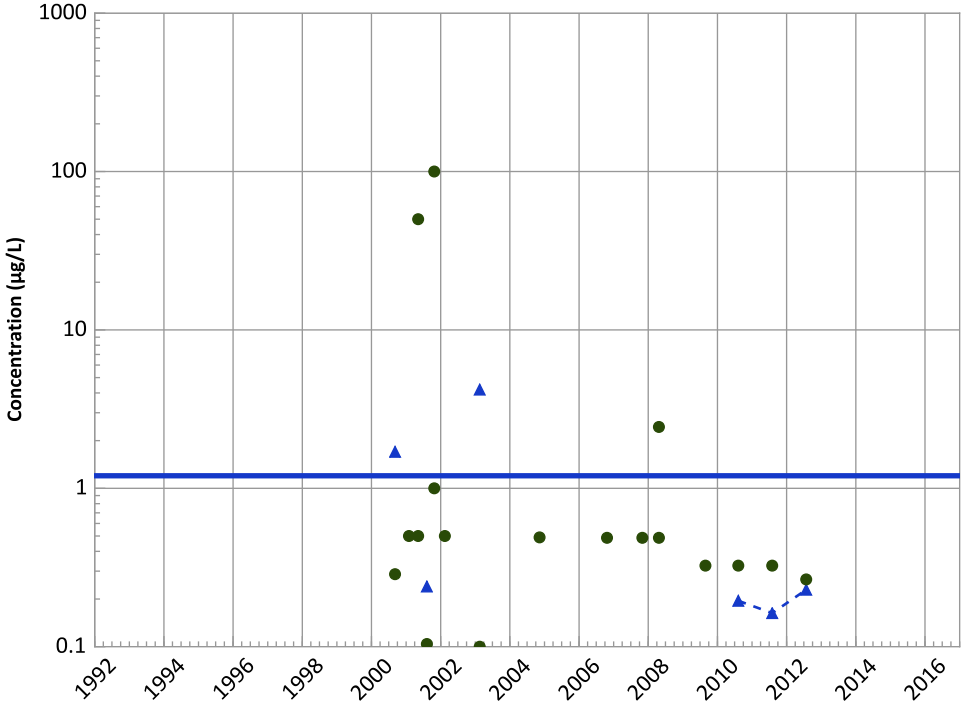


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

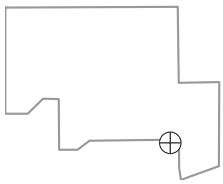
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2000 to 07/26/2012
Analysis Date: 03/07/2017

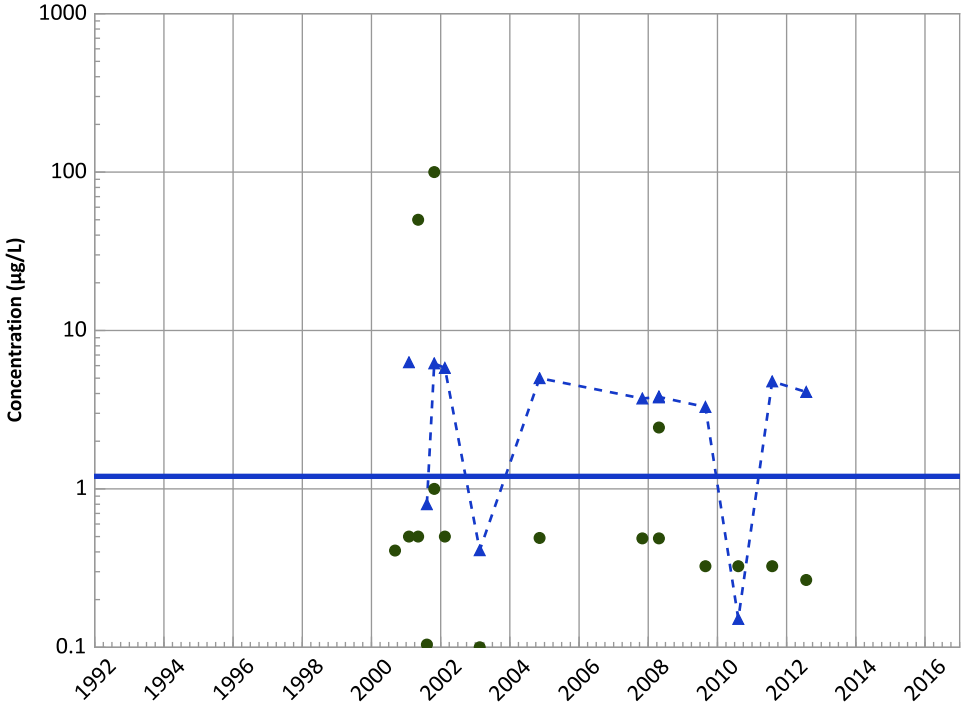
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1102 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

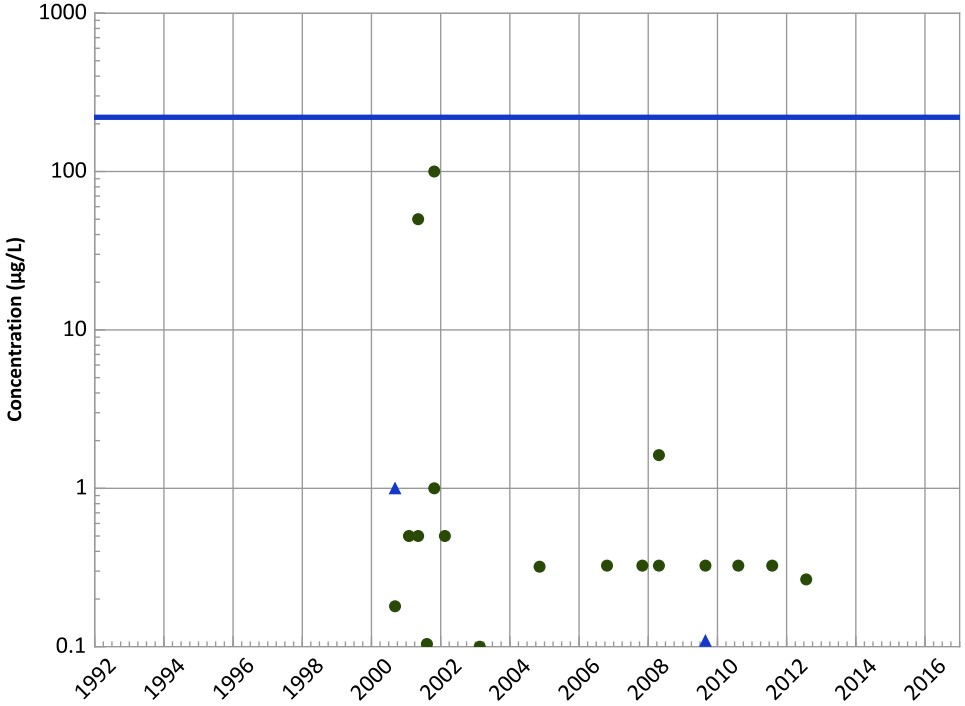


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

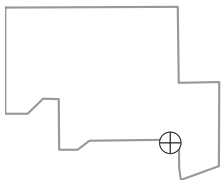
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2000 to 07/26/2012
Analysis Date: 03/07/2017

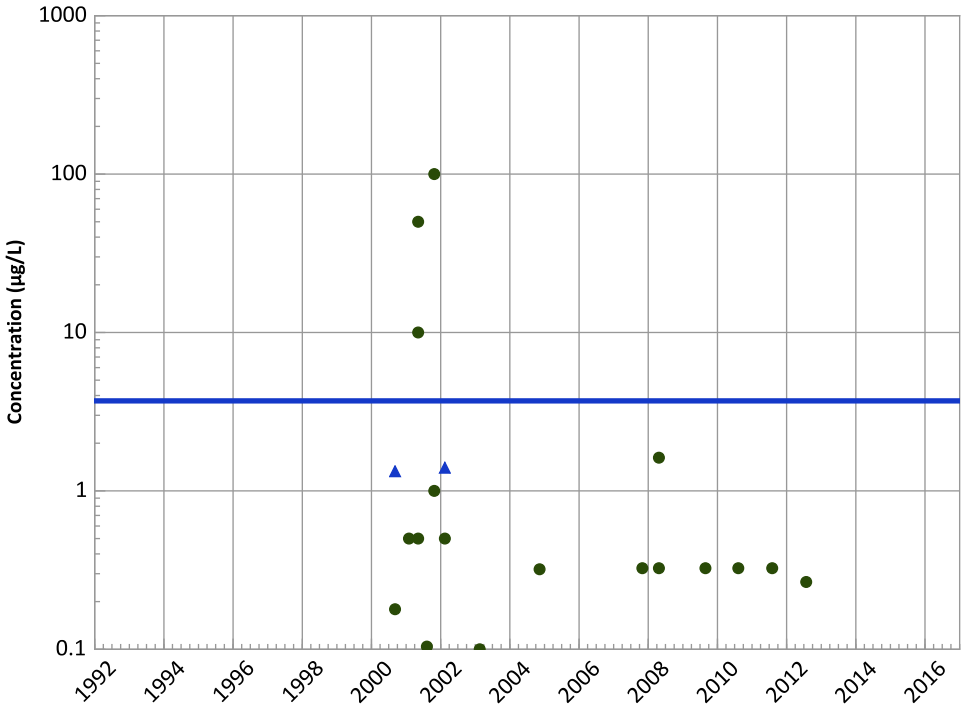
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1102 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

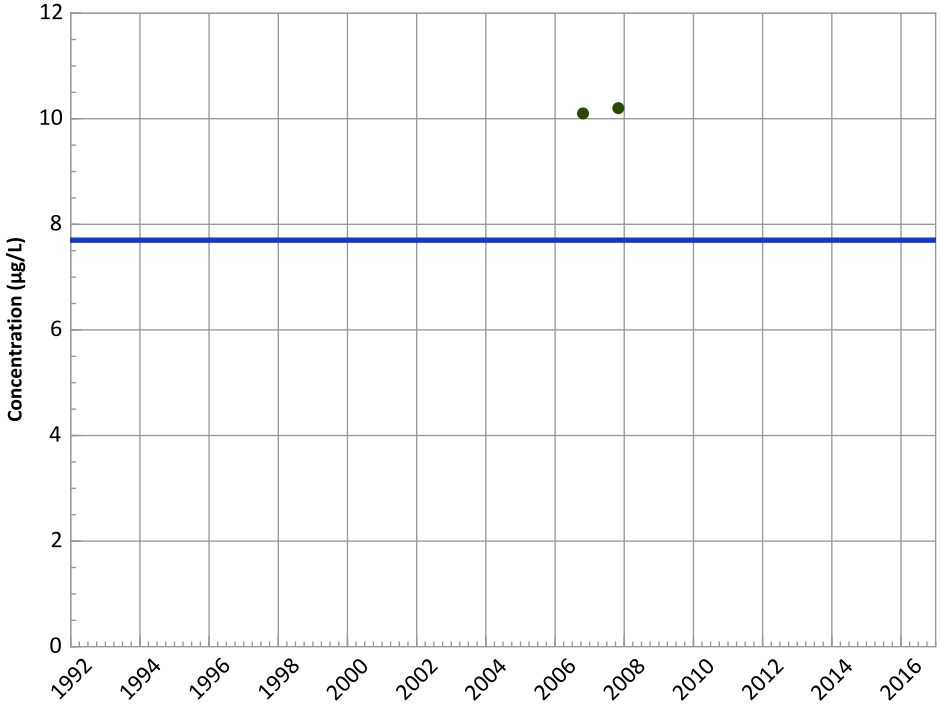


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

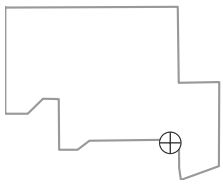
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2000 to 07/26/2012
Analysis Date: 03/07/2017

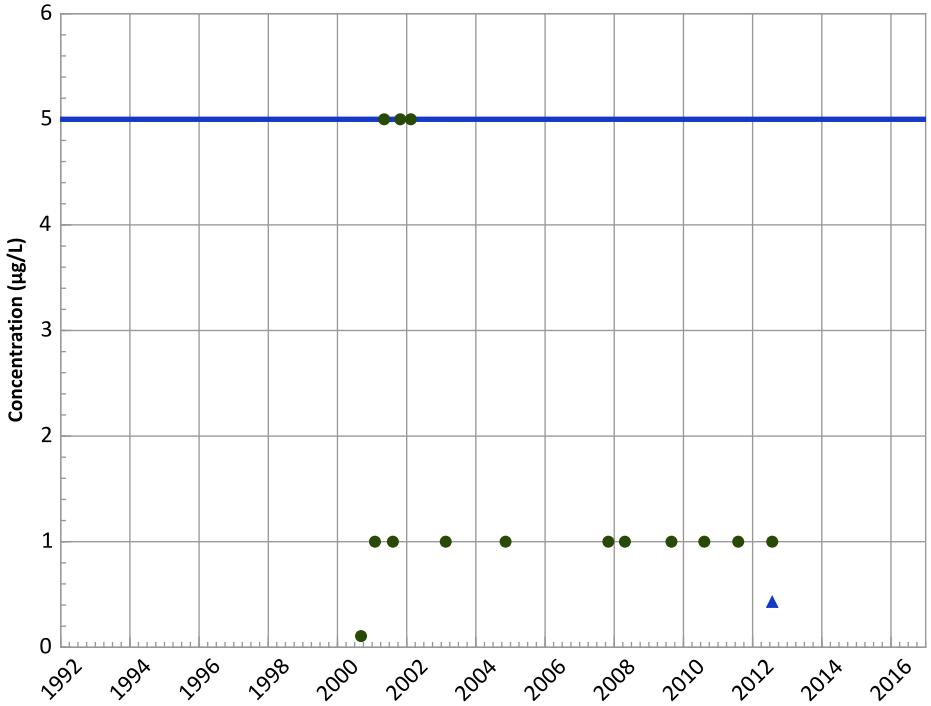
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1102 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

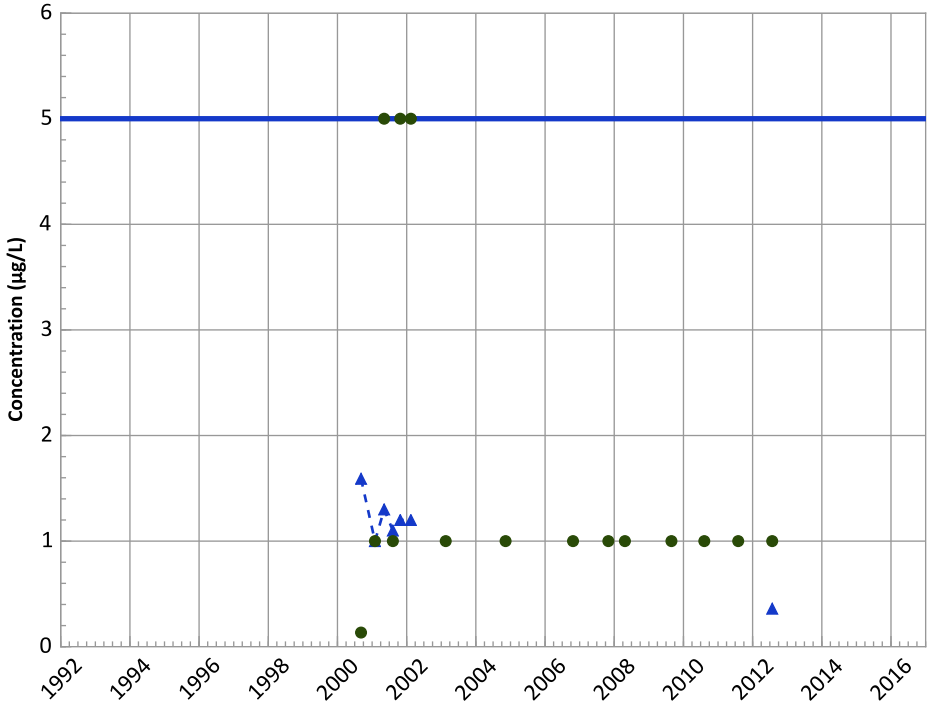


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

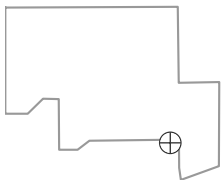
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2000 to 07/26/2012
Analysis Date: 03/07/2017

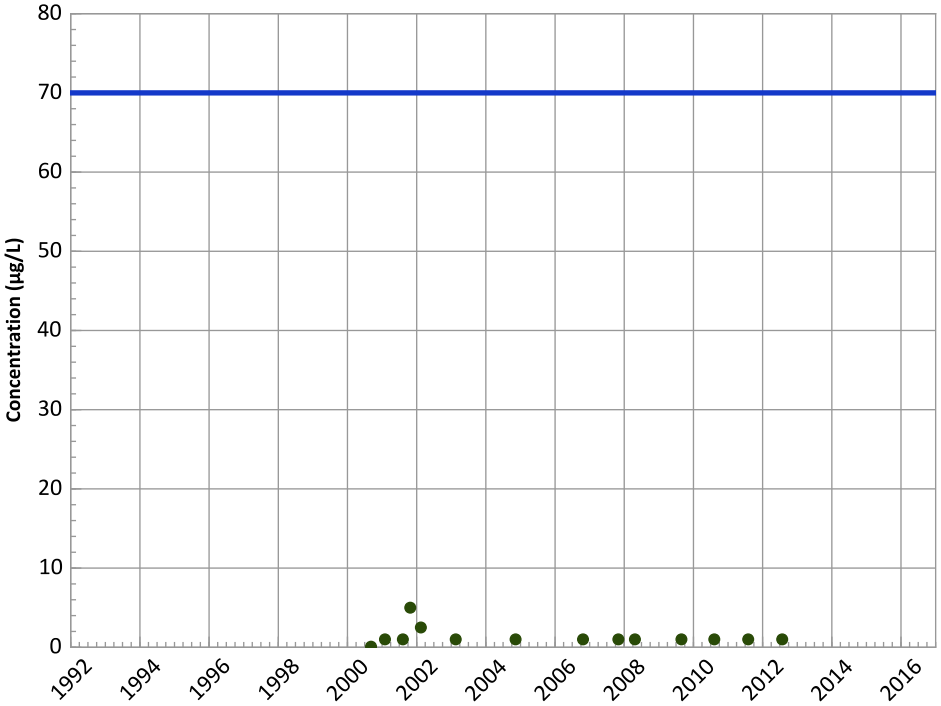
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1102 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

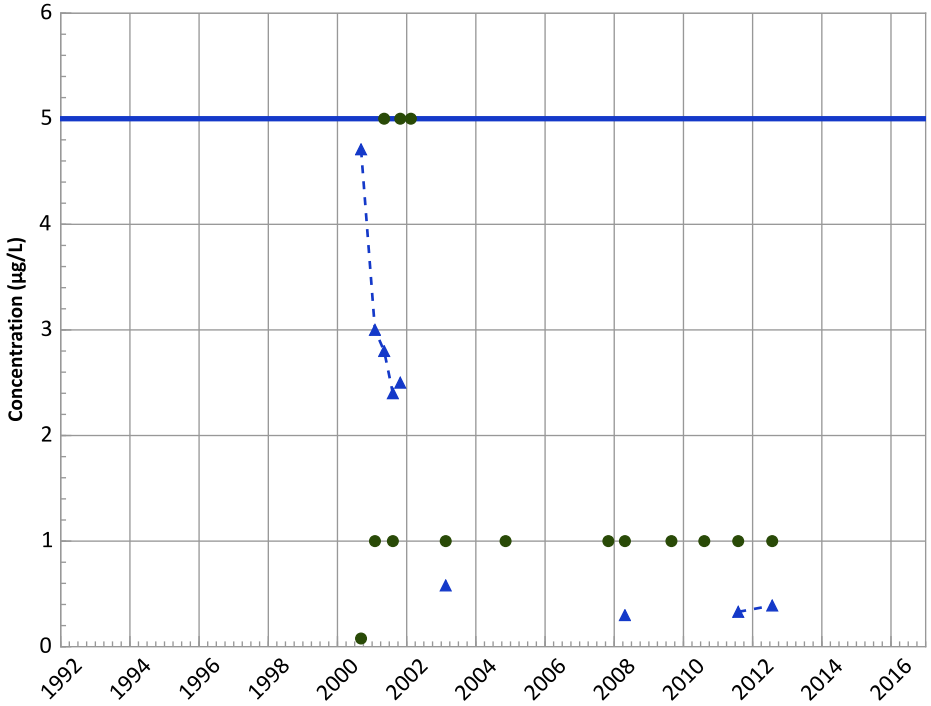


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

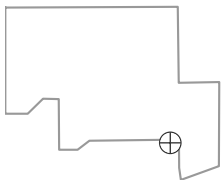
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2000 to 07/26/2012
Analysis Date: 03/07/2017

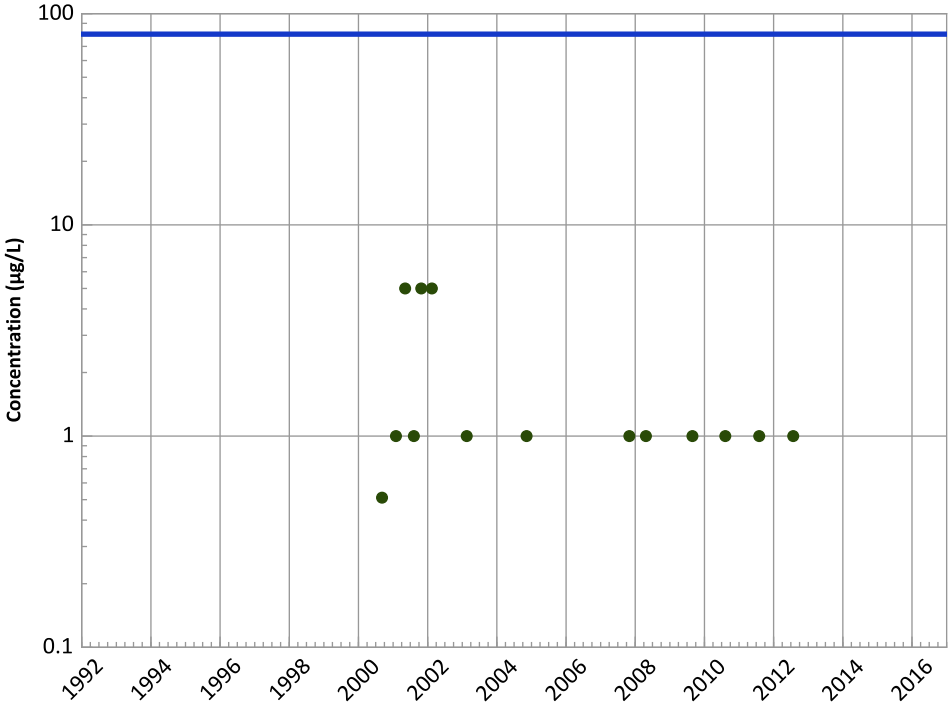
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1102 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

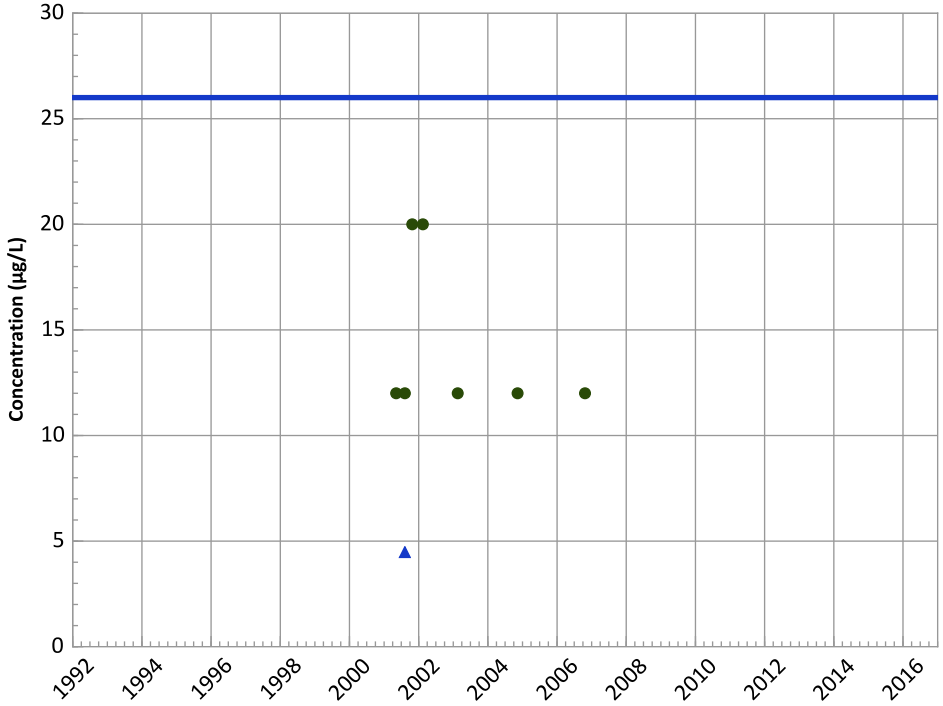


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

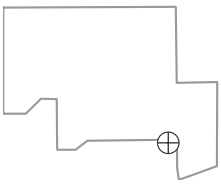
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2000 to 07/26/2012
Analysis Date: 03/07/2017

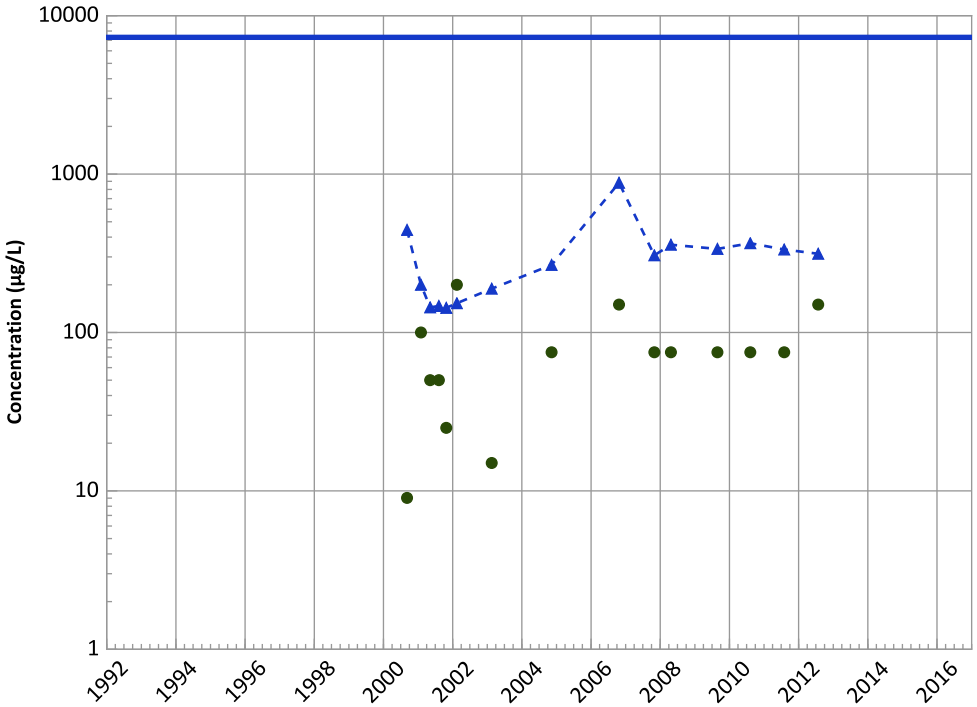
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1102 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

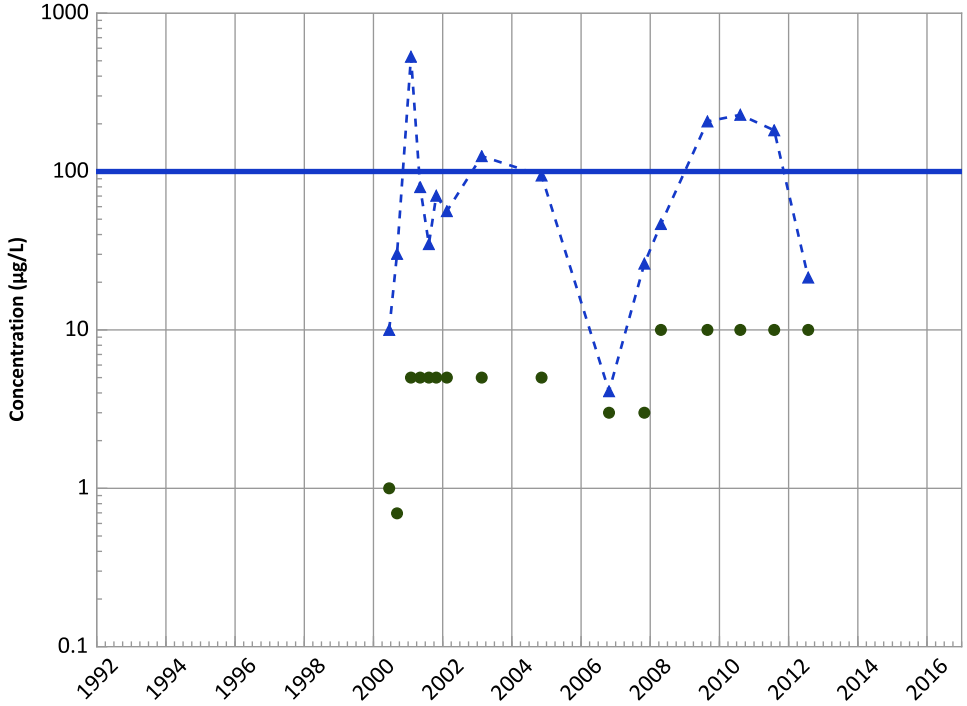


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Chromium, Total Trend



Concentration Trend

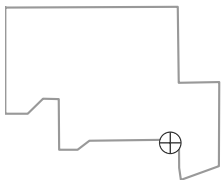
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2000 to 07/26/2012
Analysis Date: 03/07/2017

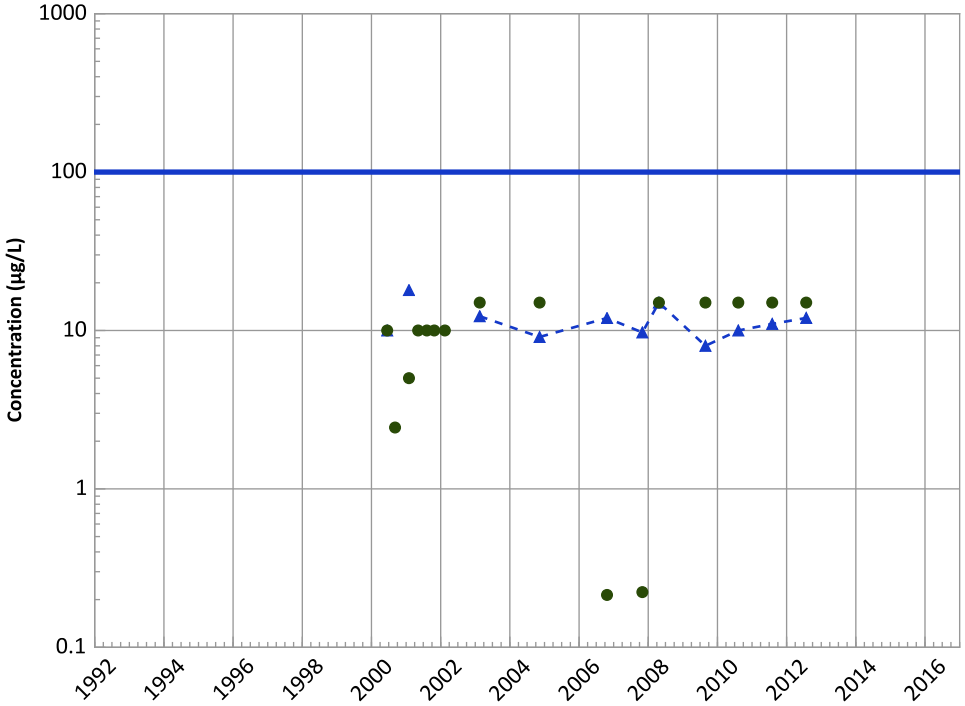
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1102 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

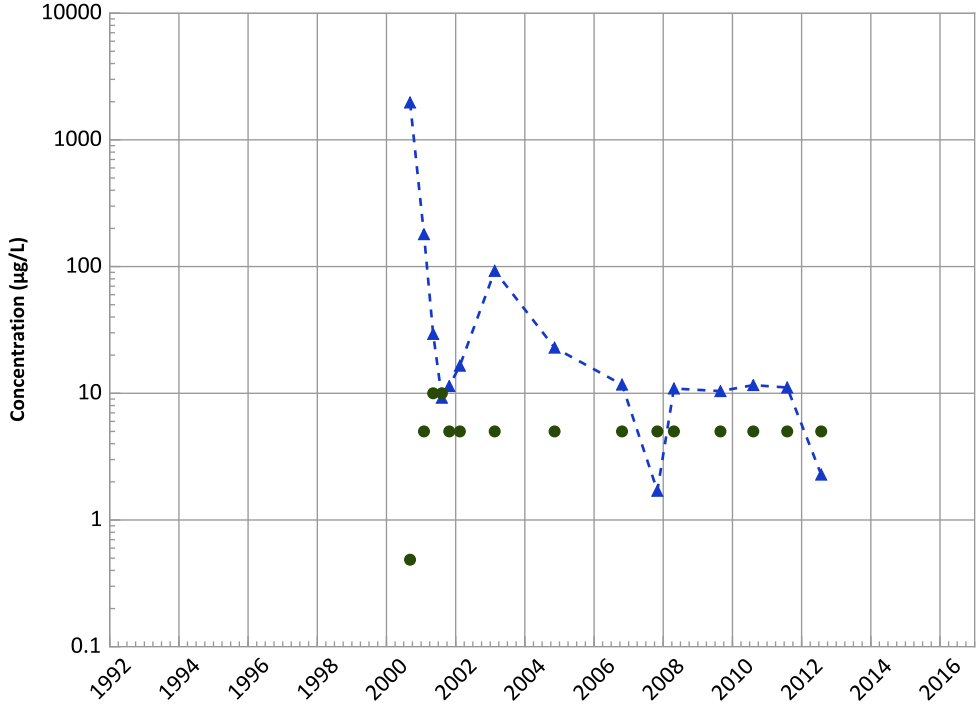


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Stable

Manganese Trend



Concentration Trend

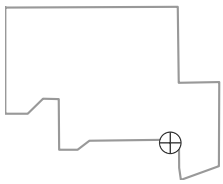
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2000 to 07/26/2012
Analysis Date: 03/07/2017

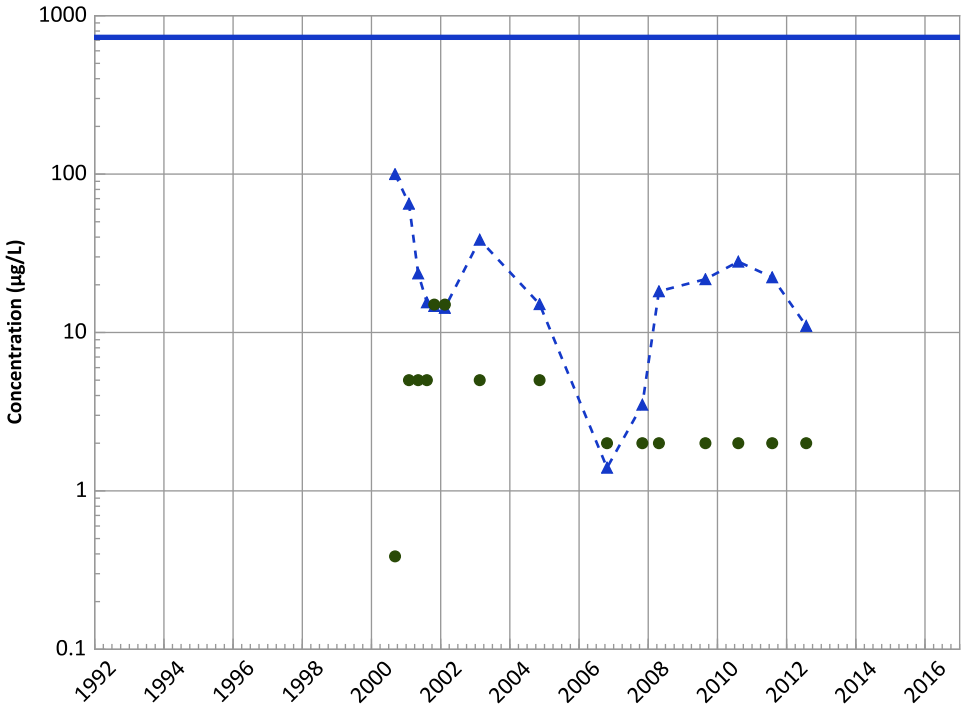
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1102 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

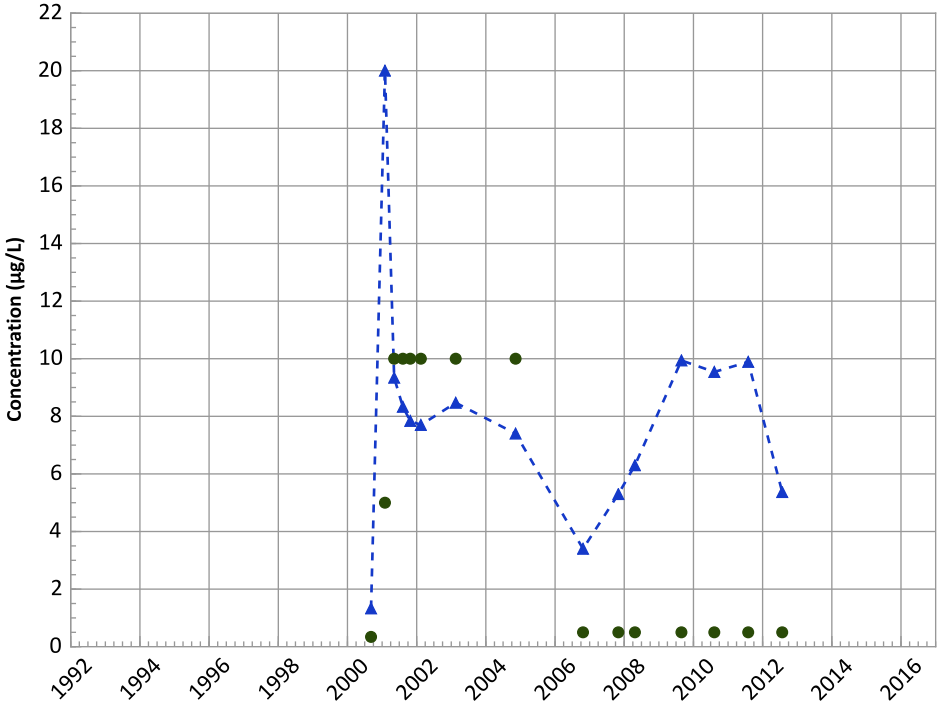


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Molybdenum Trend



Concentration Trend

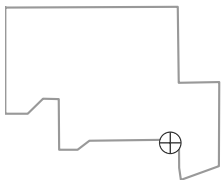
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2000 to 07/26/2012
Analysis Date: 03/07/2017

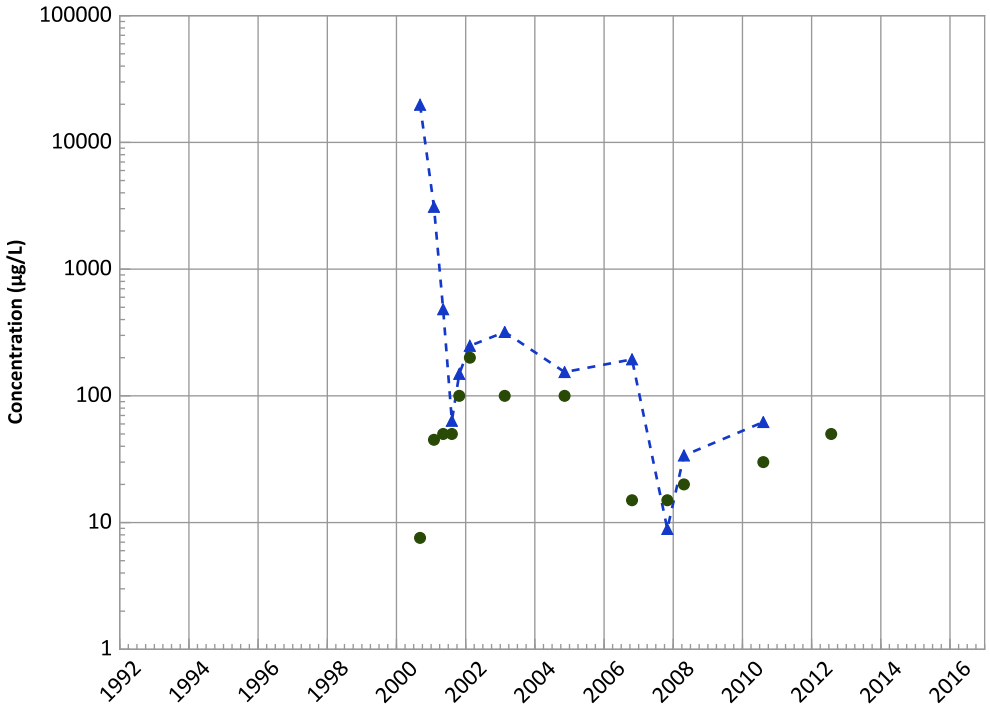
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1102 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

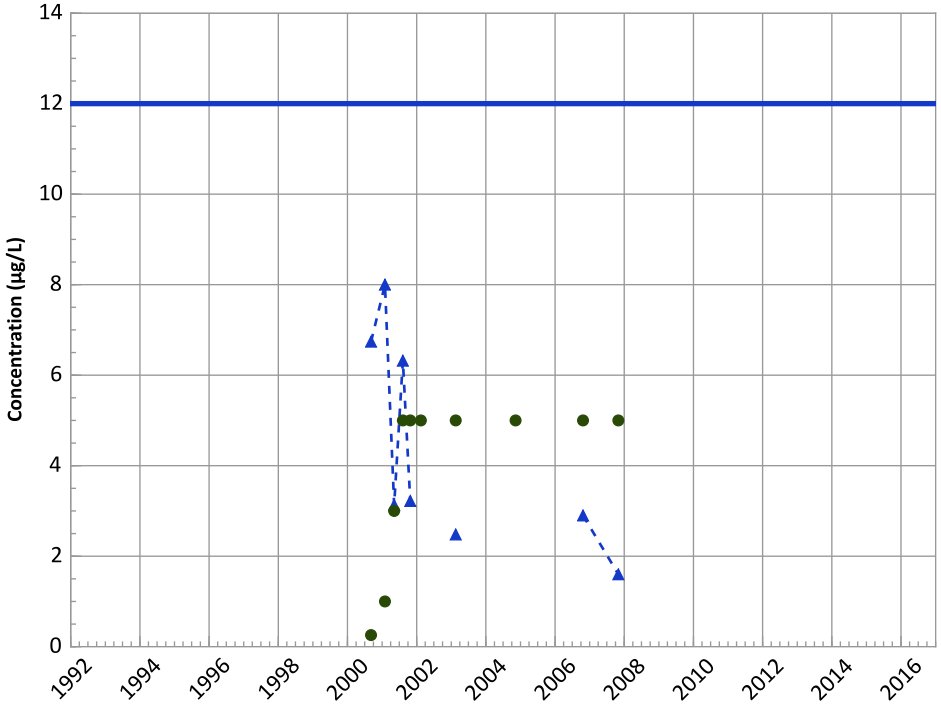


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Arsenic Trend



Concentration Trend

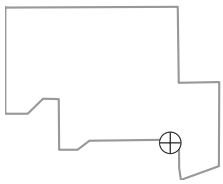
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2000 to 07/26/2012
Analysis Date: 03/07/2017

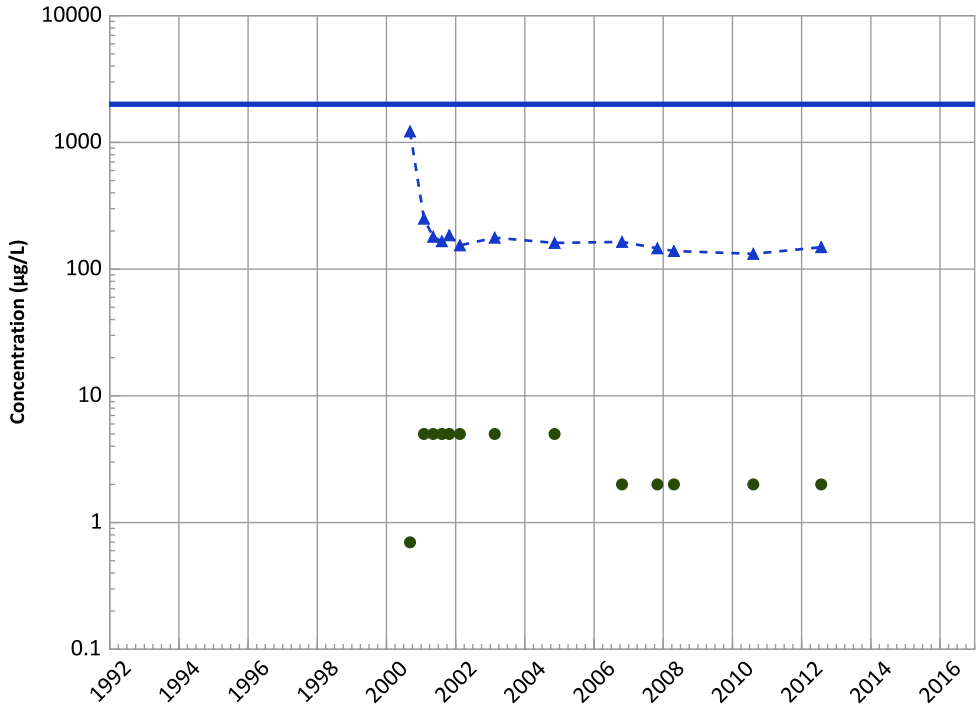
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1102 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

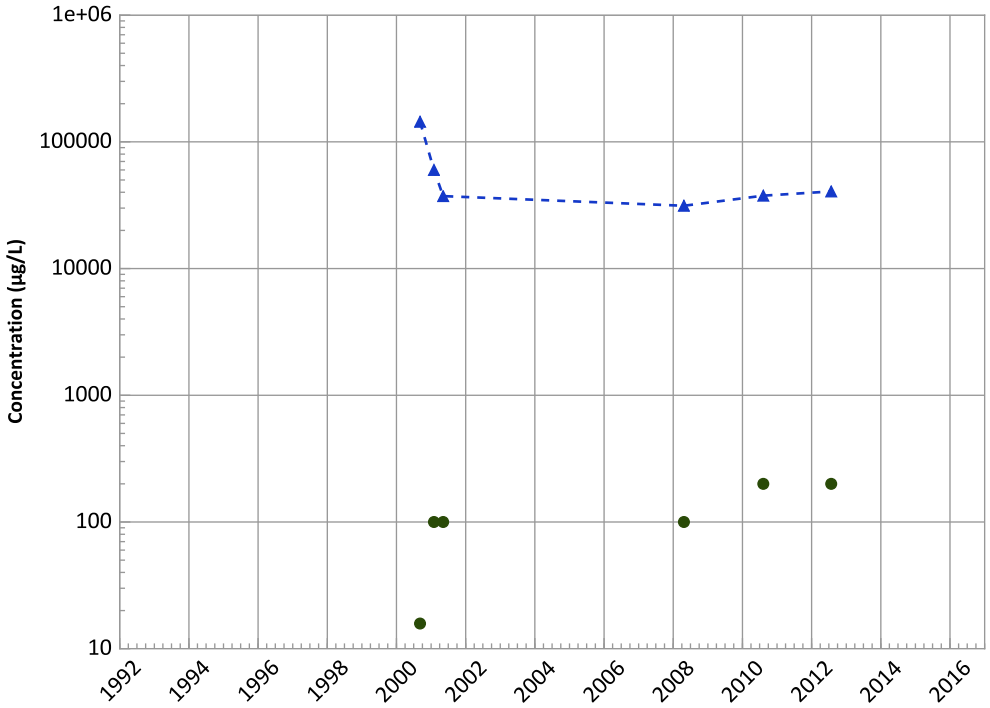


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Calcium Trend



Concentration Trend

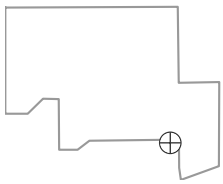
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2000 to 07/26/2012
Analysis Date: 03/07/2017

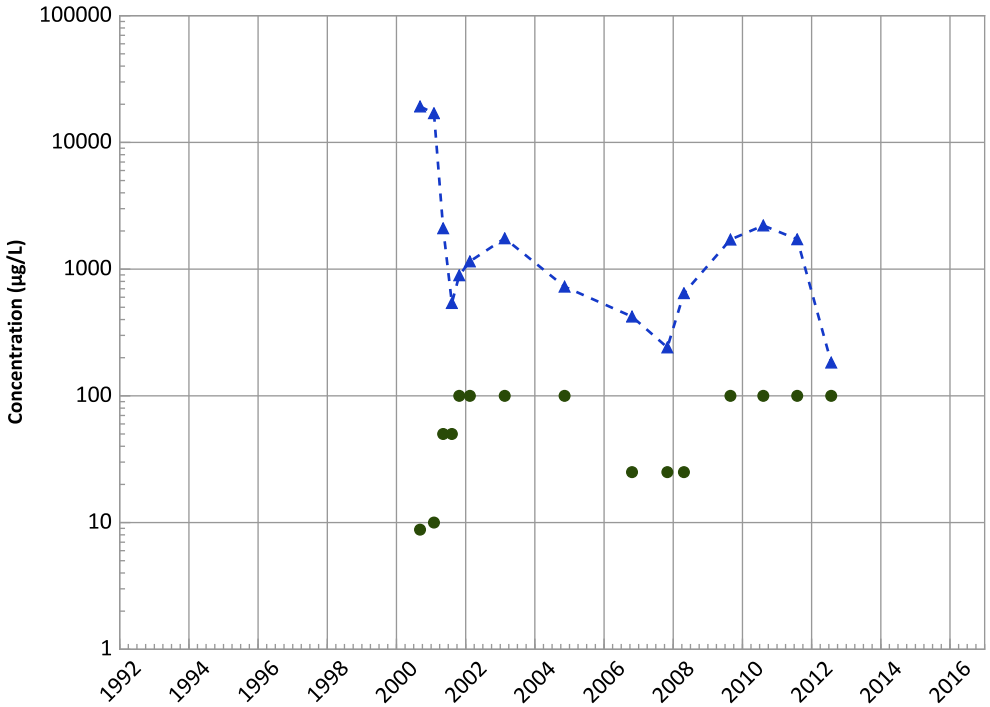
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1102 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

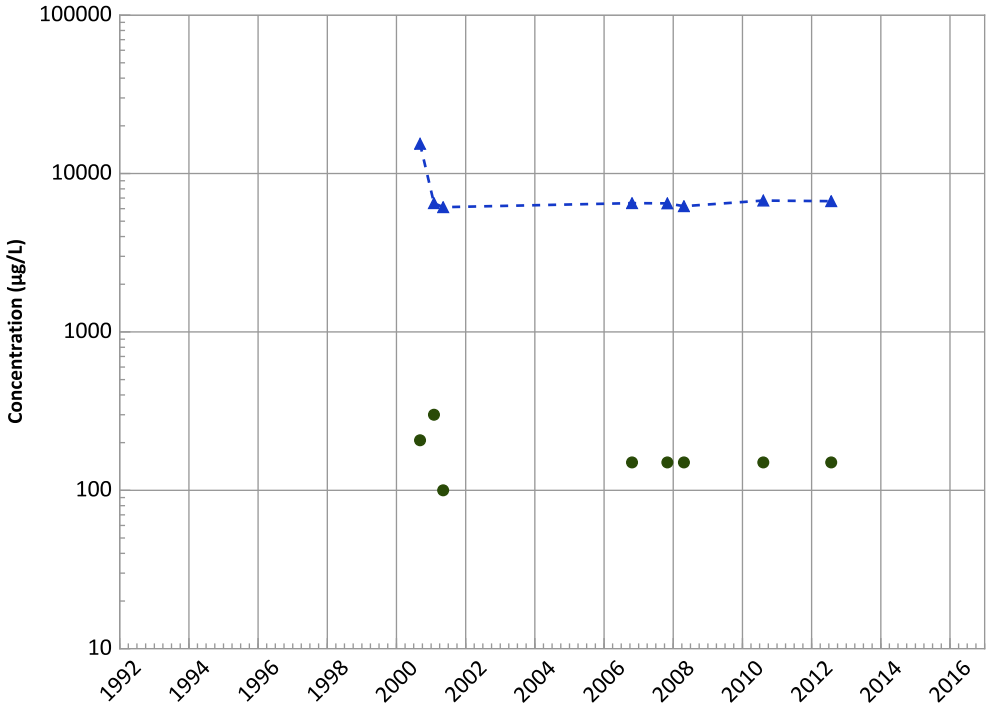


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Potassium Trend



Concentration Trend

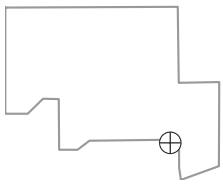
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2000 to 07/26/2012
Analysis Date: 03/07/2017

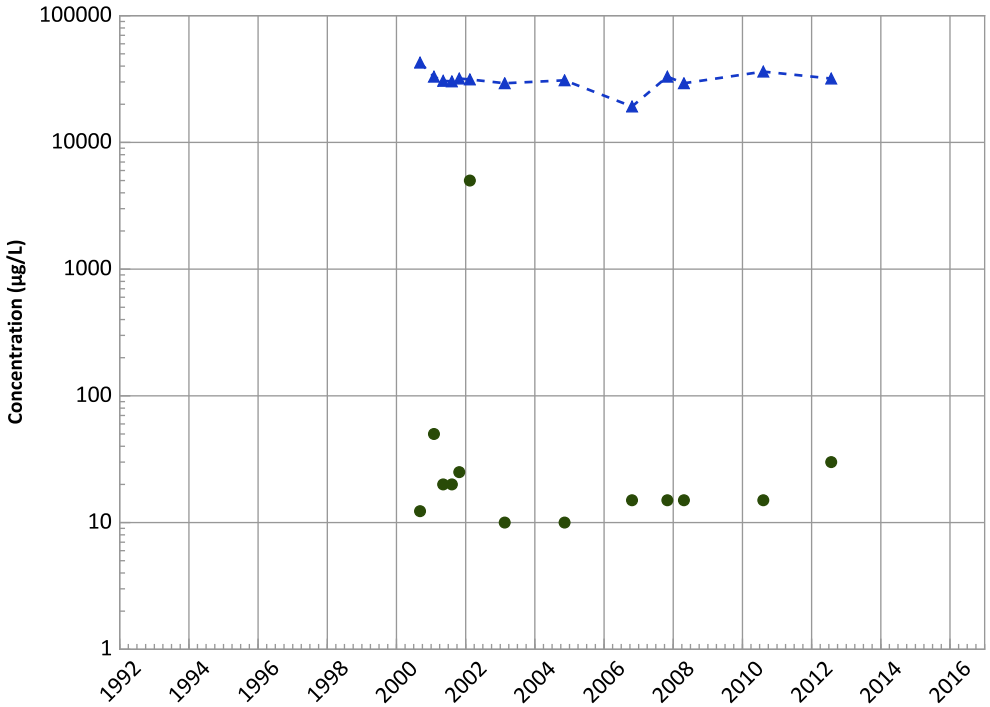
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1102 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

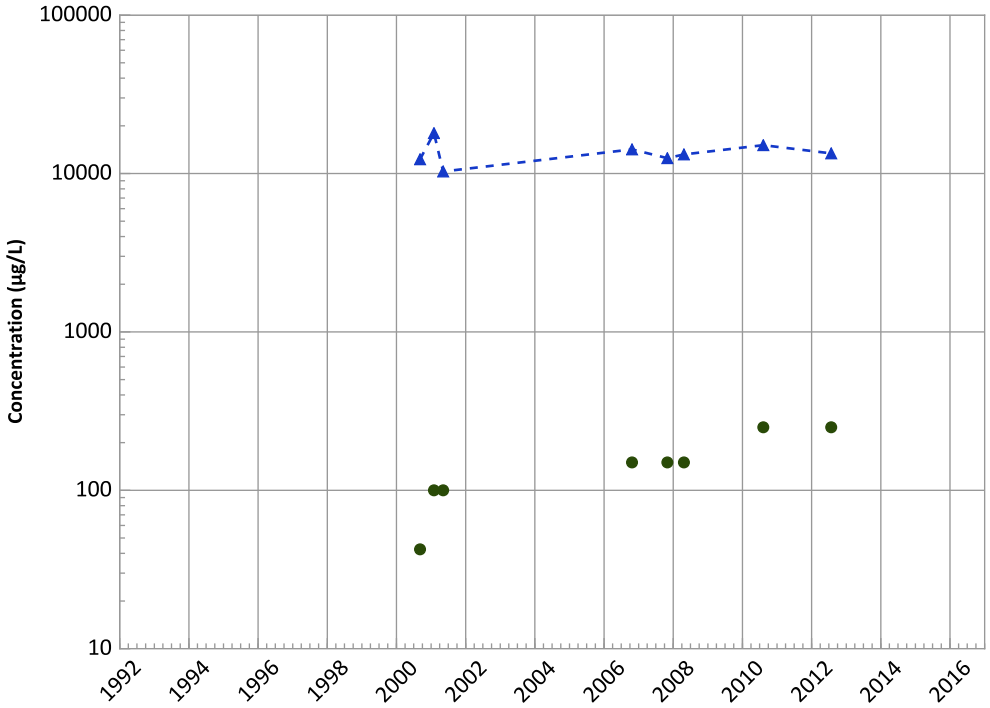


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Sodium Trend



Concentration Trend

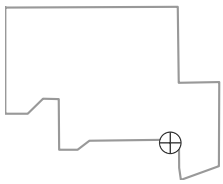
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

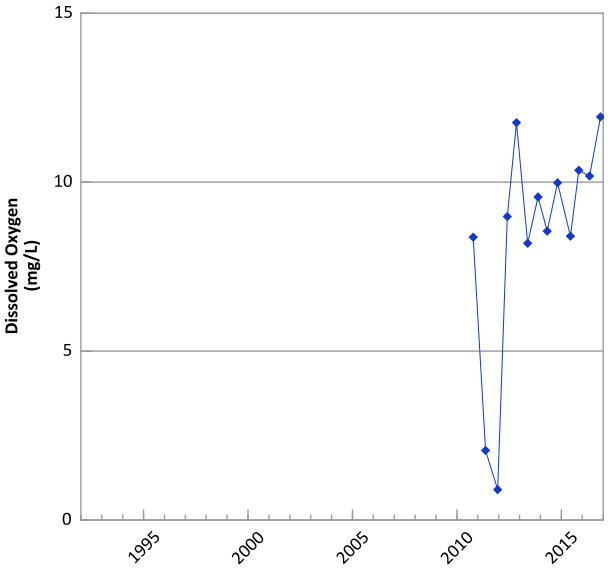
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2000 to 07/26/2012
Analysis Date: 03/07/2017

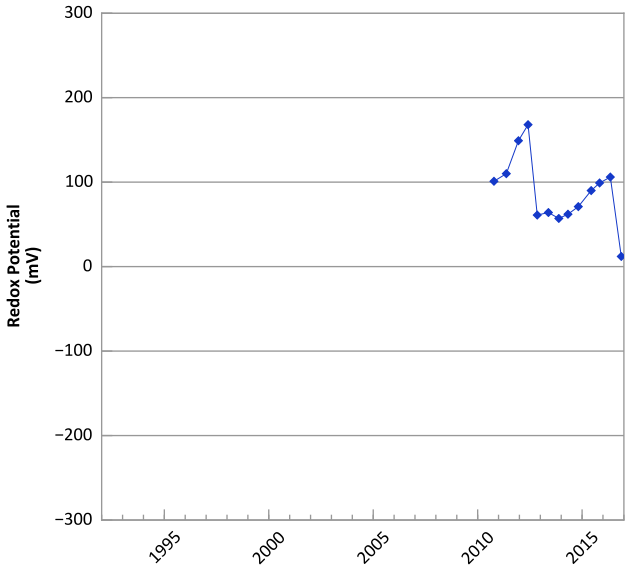
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

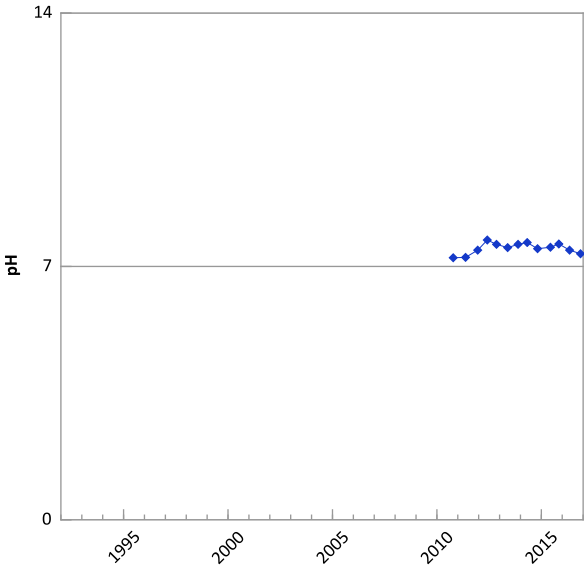
Well Location

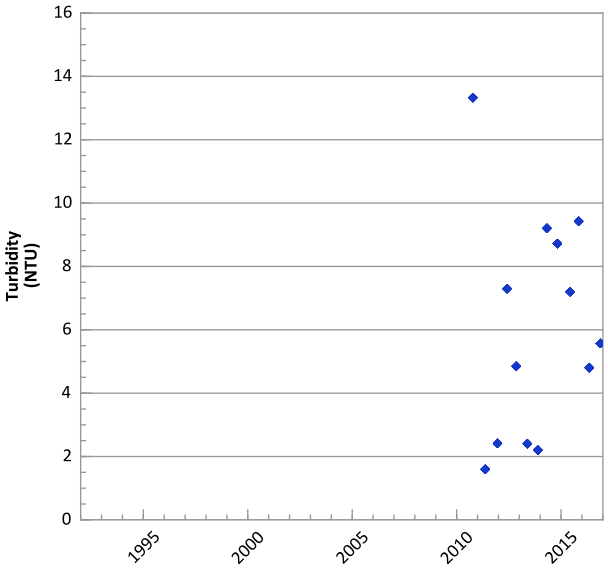


PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



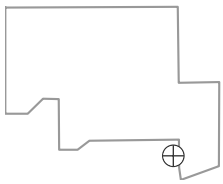






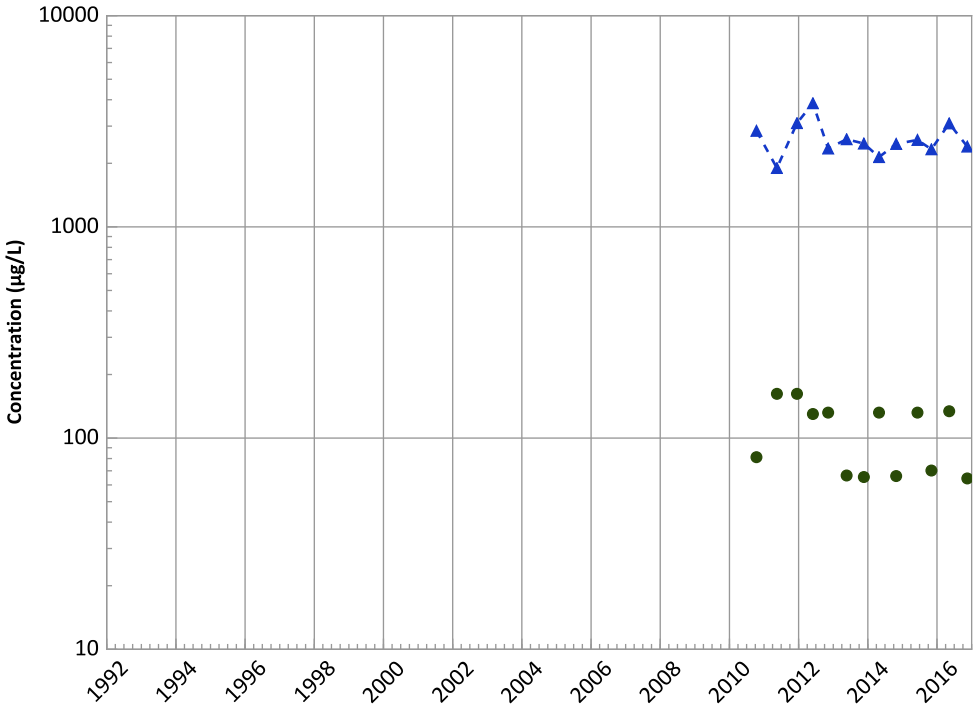
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 11/16/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

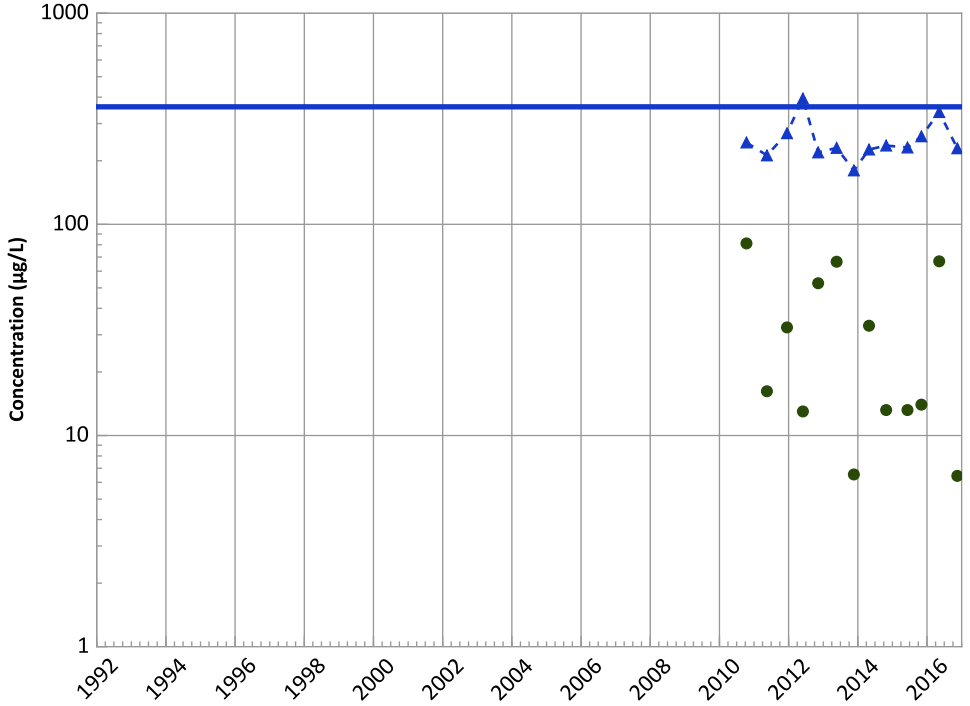


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

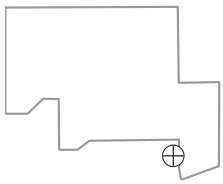
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 11/16/2016
Analysis Date: 03/07/2017

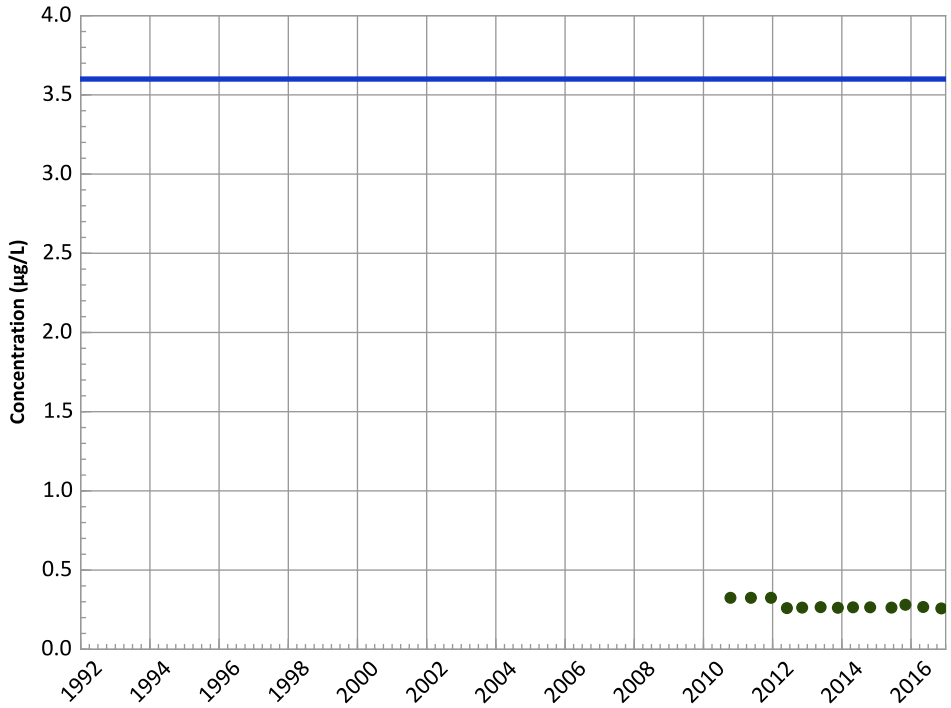
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

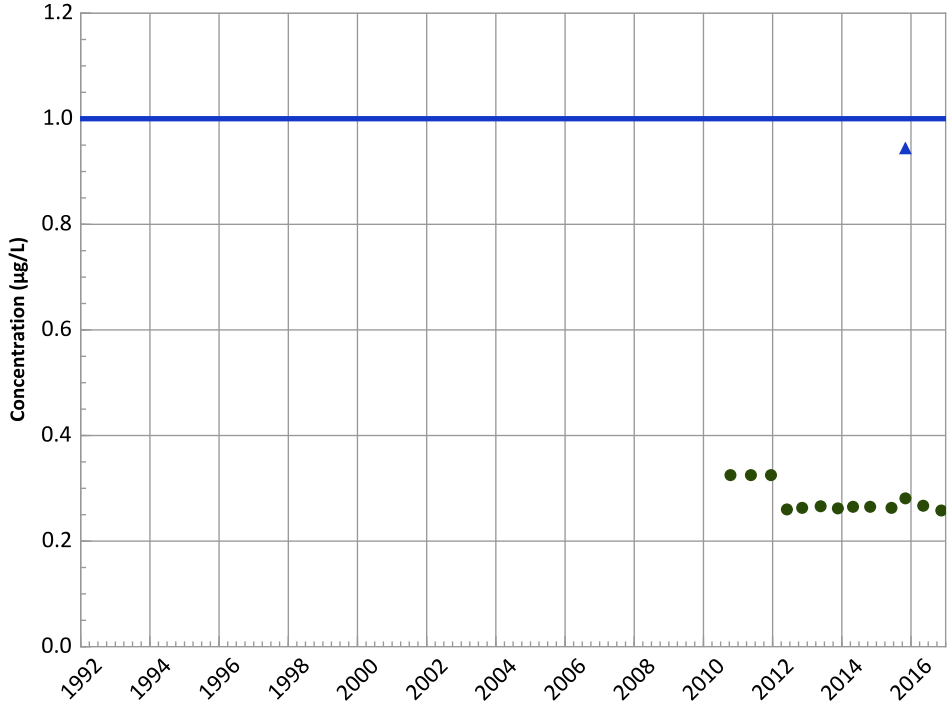


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

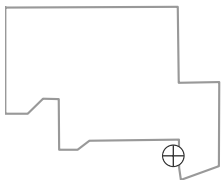
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 11/16/2016
Analysis Date: 03/07/2017

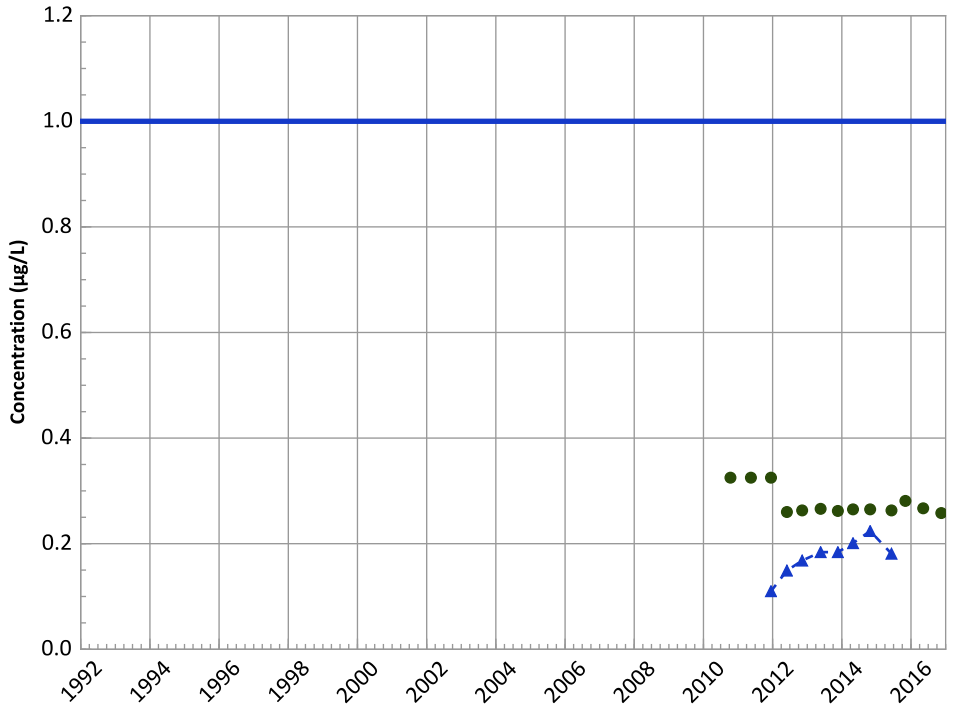
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

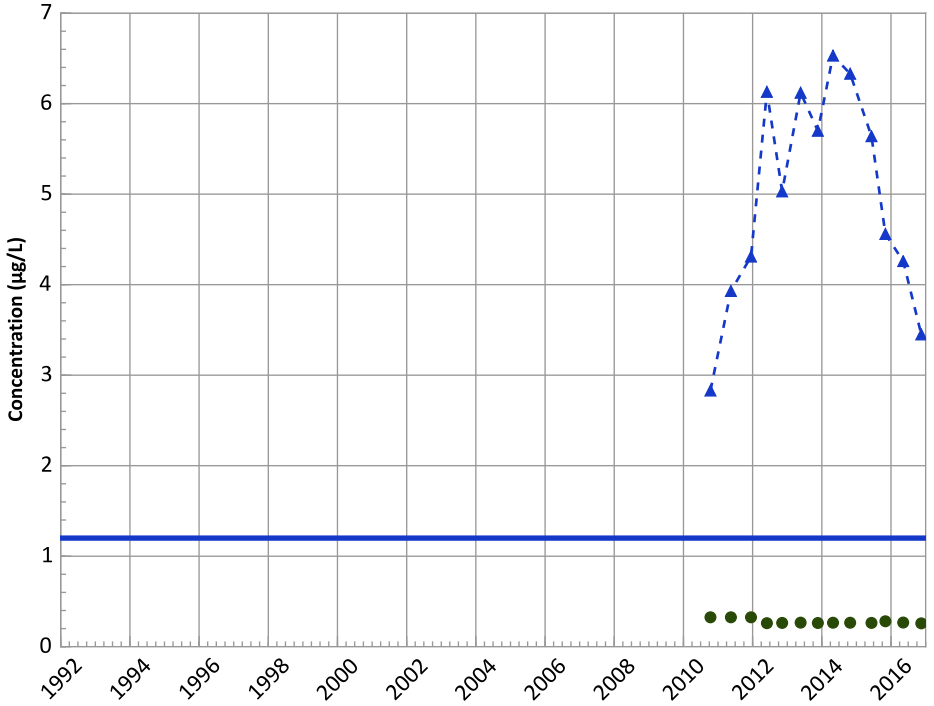


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

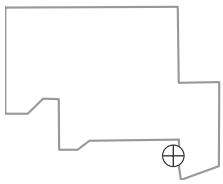
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 11/16/2016
Analysis Date: 03/07/2017

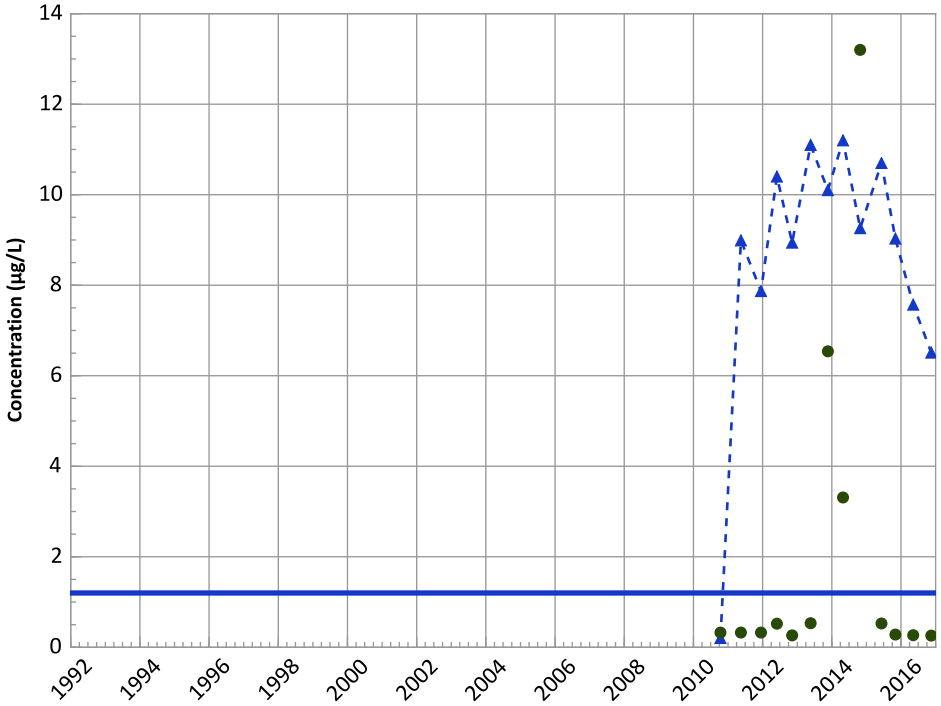
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

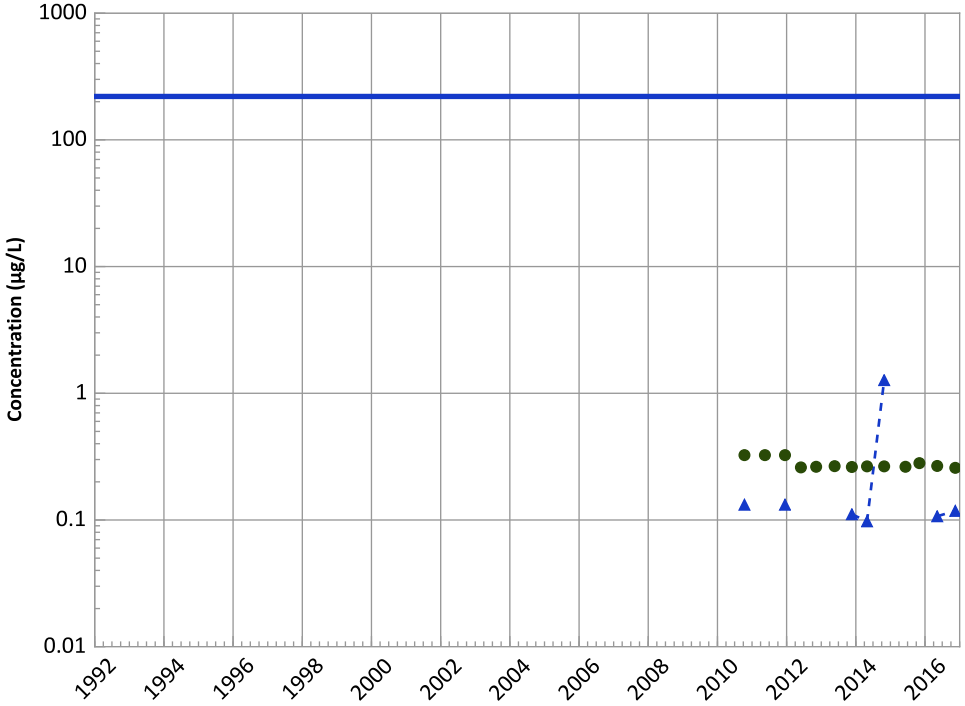


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

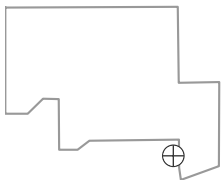
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 11/16/2016
Analysis Date: 03/07/2017

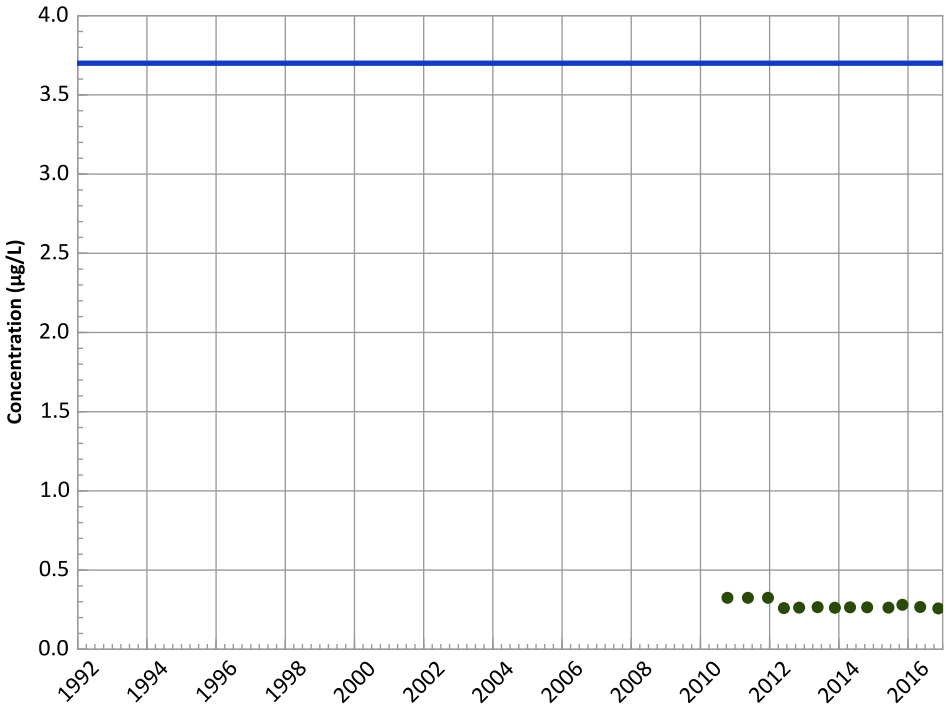
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

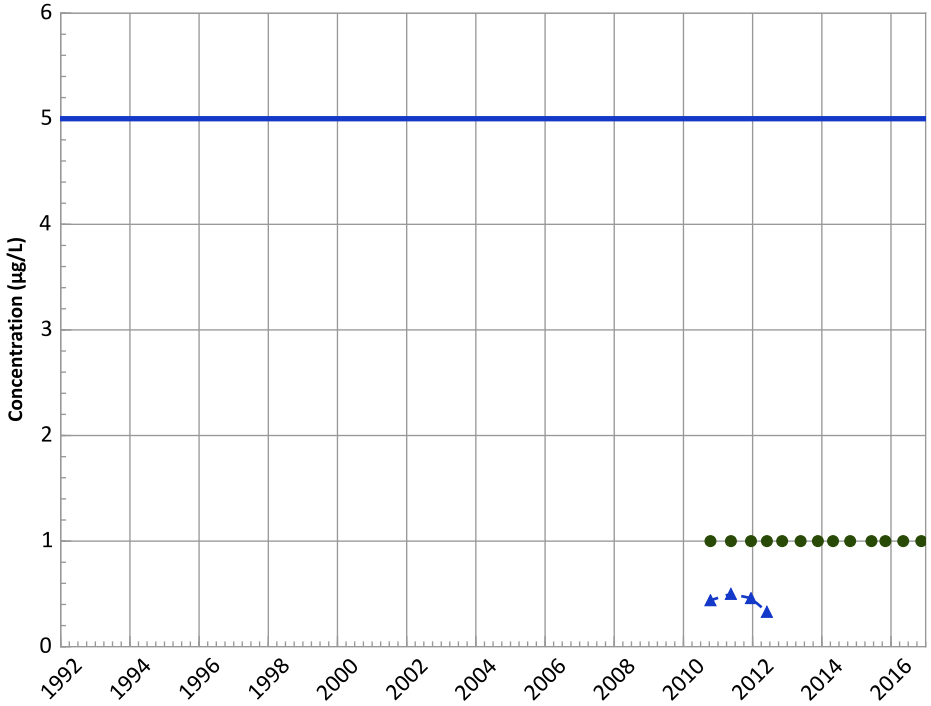


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

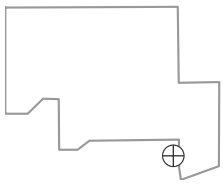
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 11/16/2016
Analysis Date: 03/07/2017

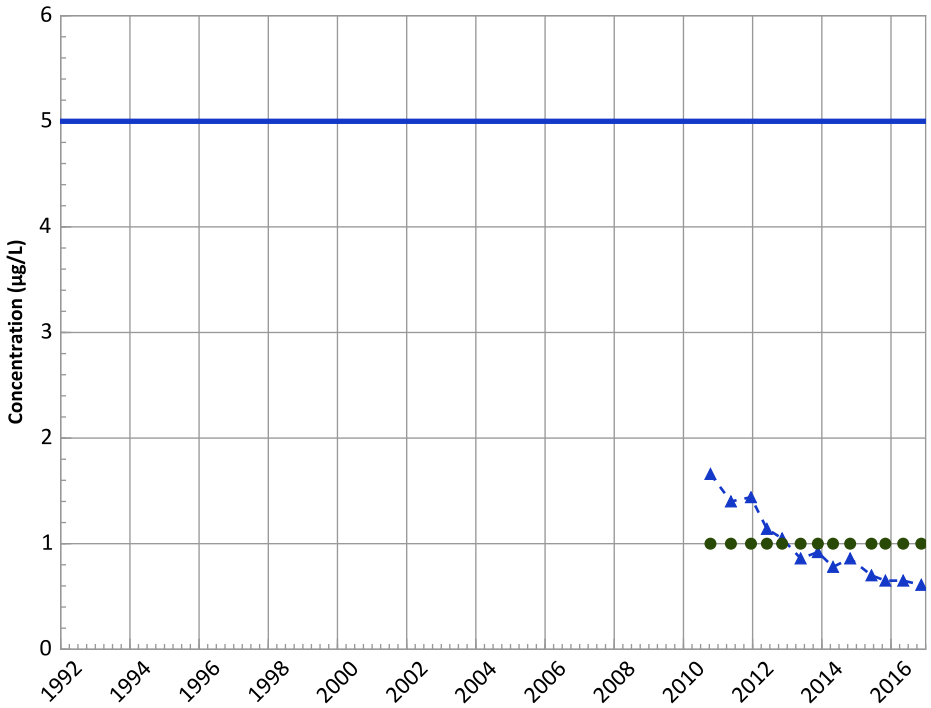
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

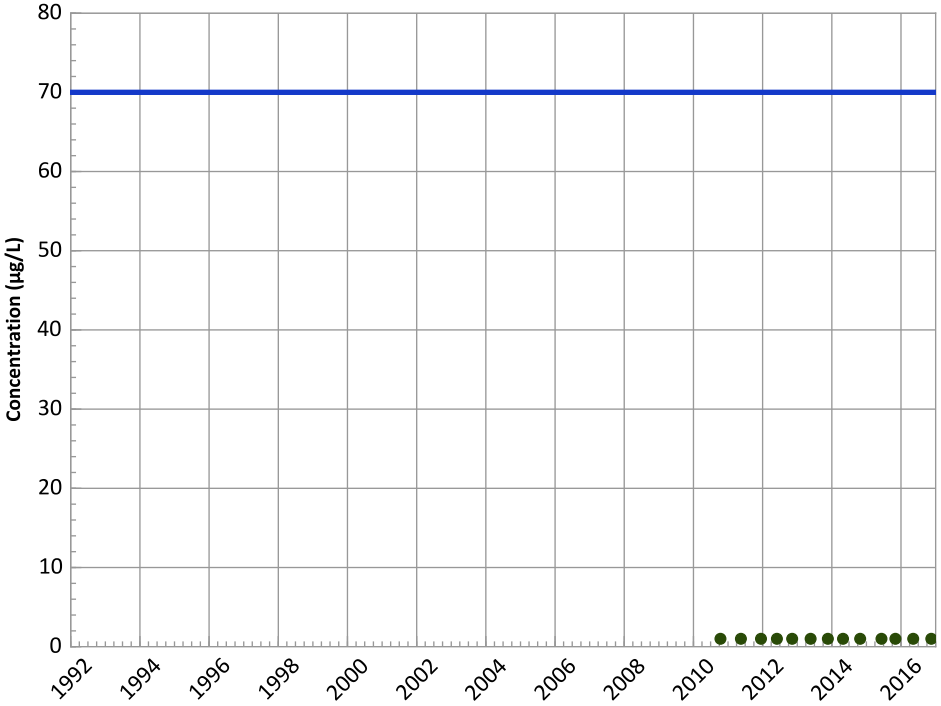


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

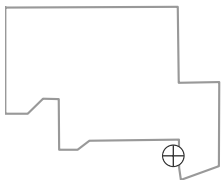
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 11/16/2016
Analysis Date: 03/07/2017

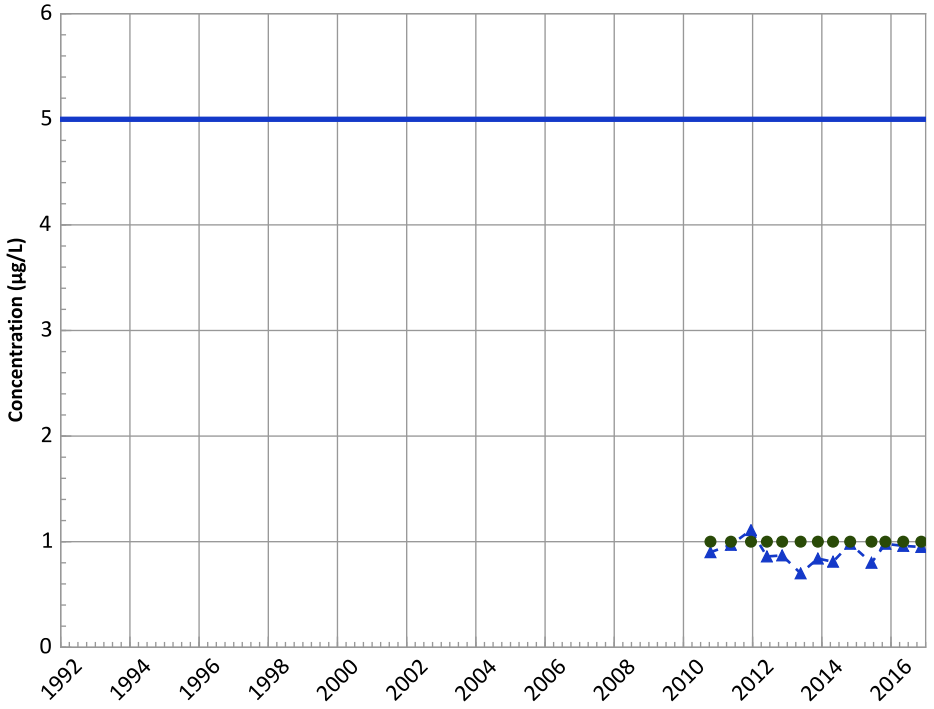
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

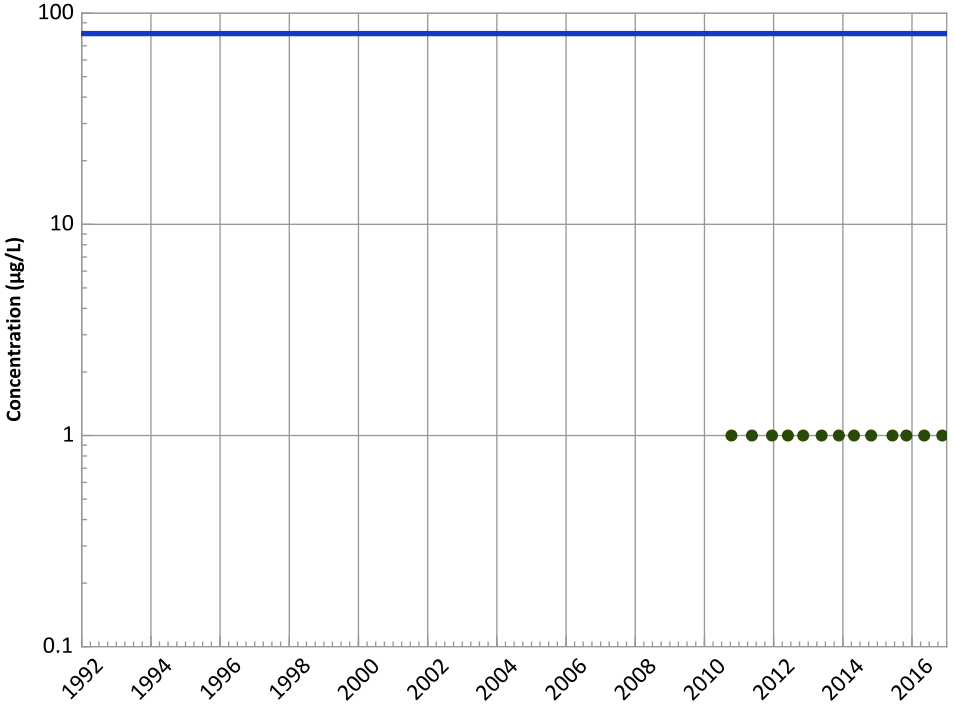


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Chloroform Trend



Concentration Trend

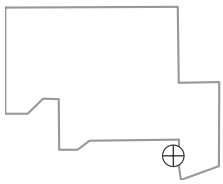
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 11/16/2016
Analysis Date: 03/07/2017

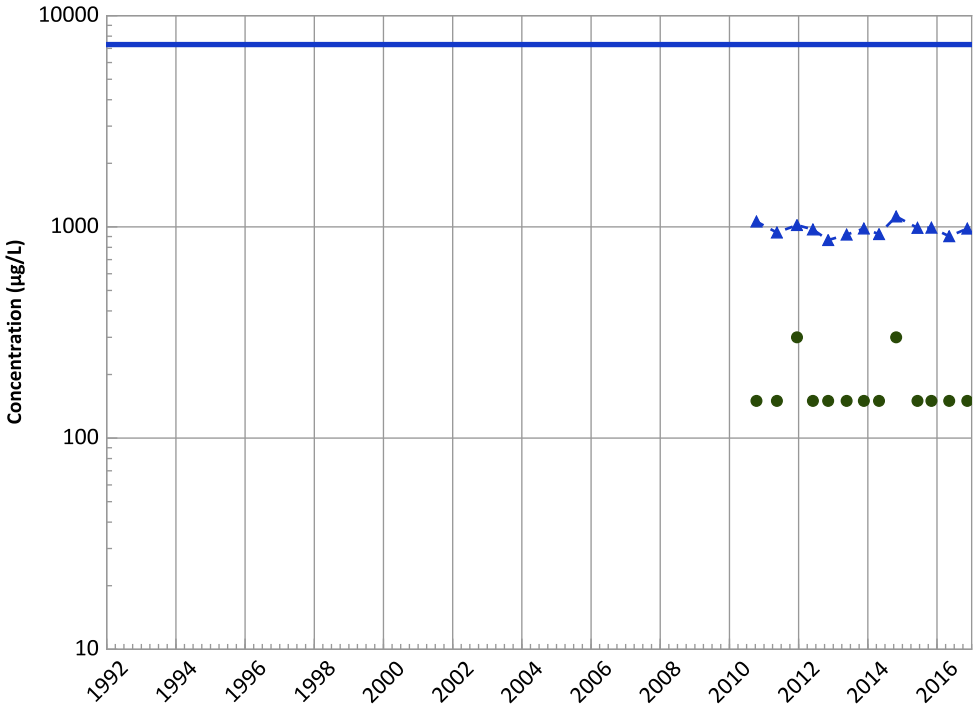
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ═══ Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

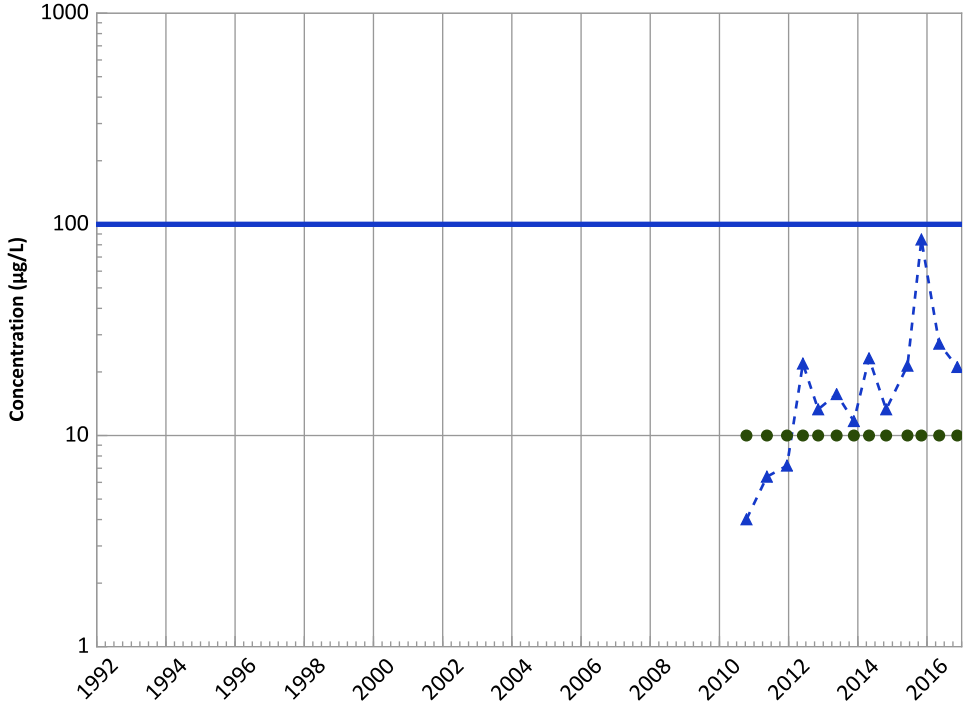


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

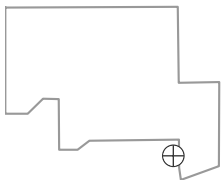
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 11/16/2016
Analysis Date: 03/07/2017

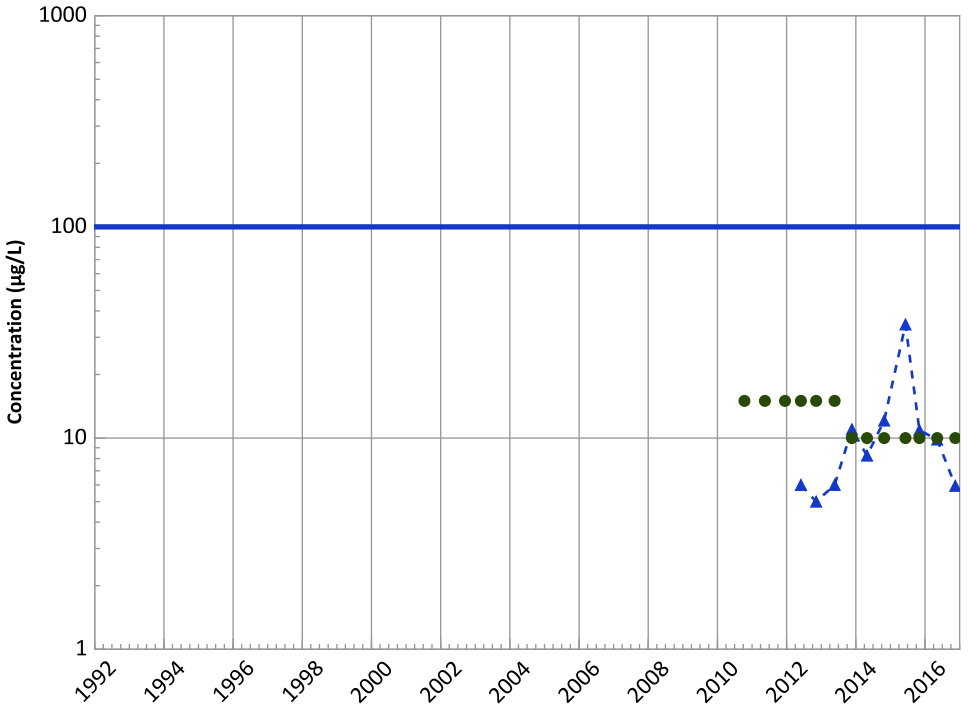
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

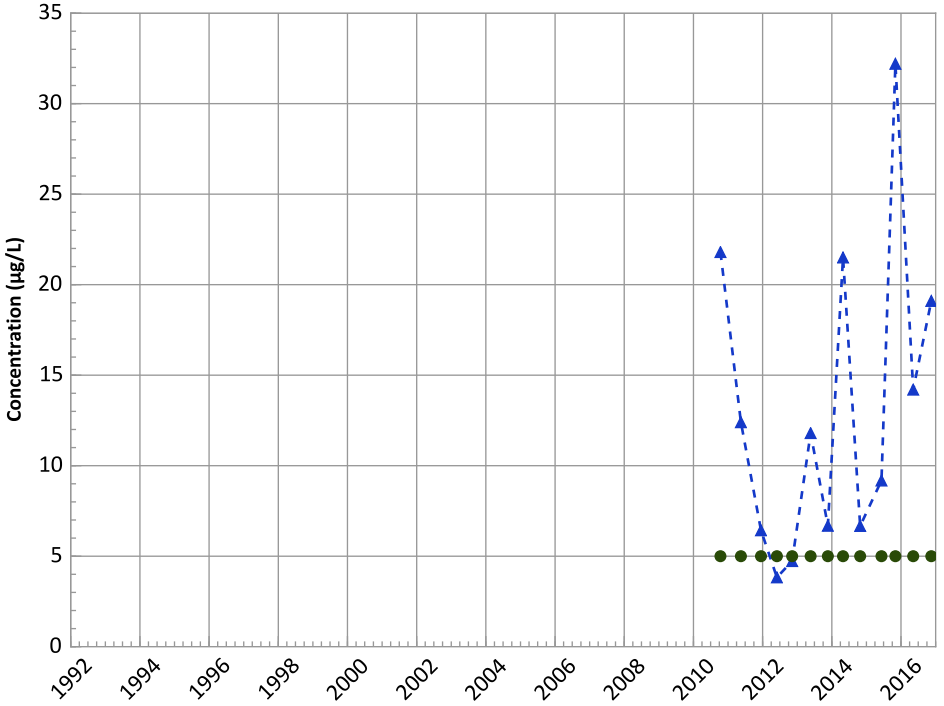


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Manganese Trend



Concentration Trend

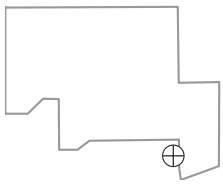
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 11/16/2016
Analysis Date: 03/07/2017

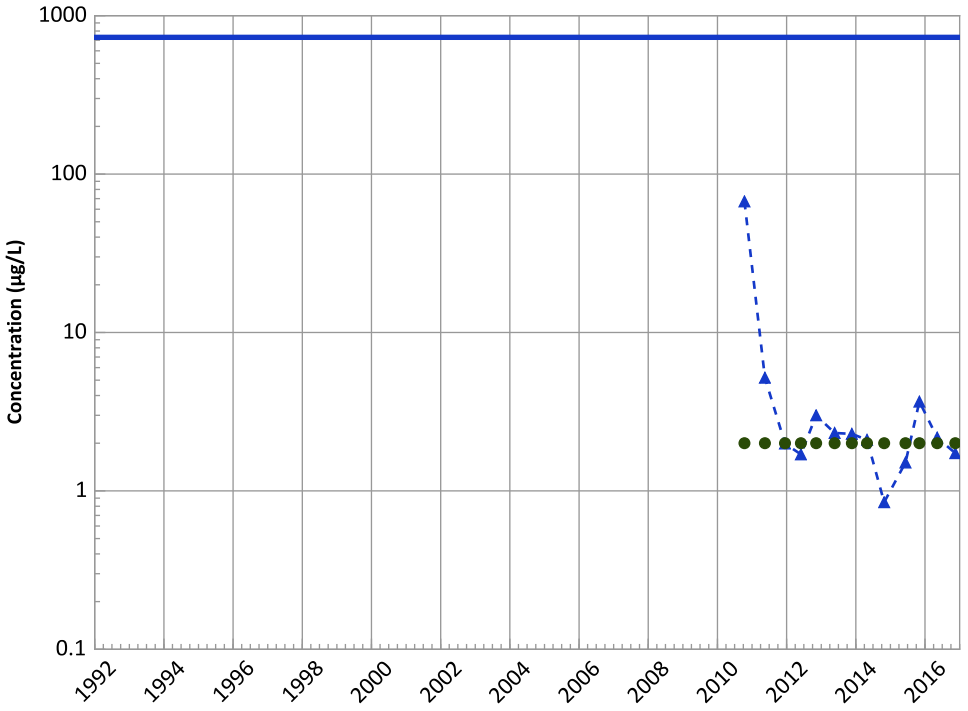
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

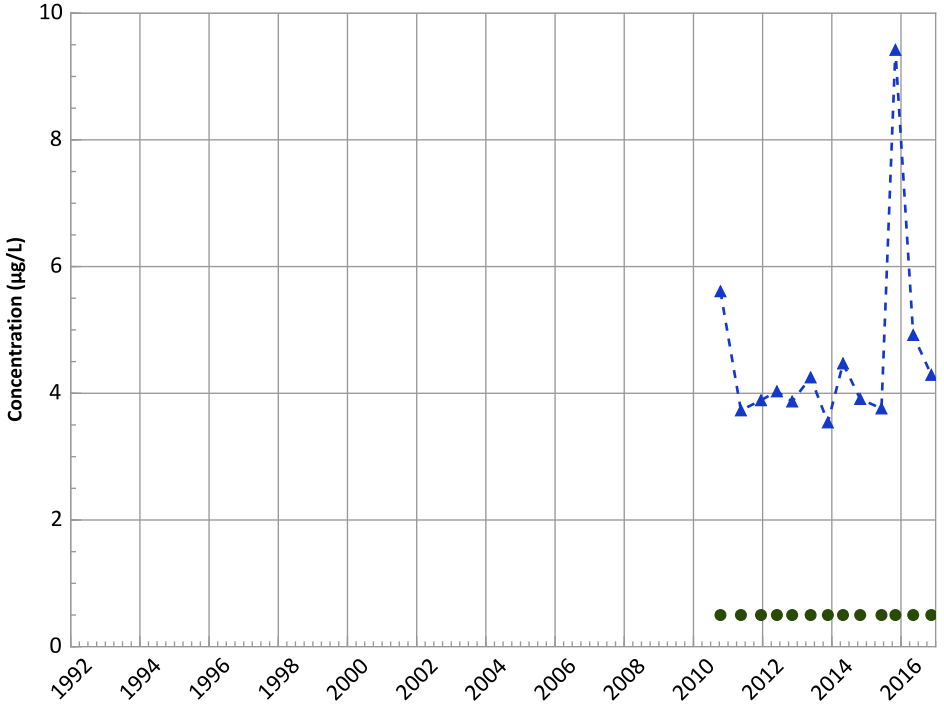


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Molybdenum Trend



Concentration Trend

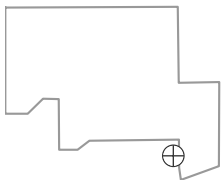
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 11/16/2016
Analysis Date: 03/07/2017

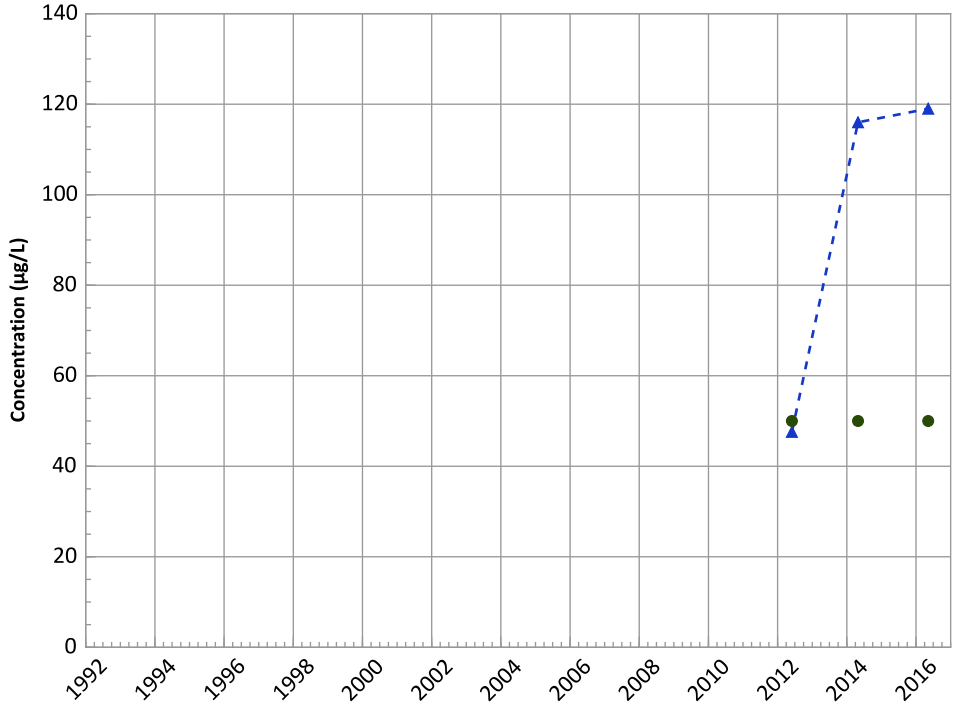
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

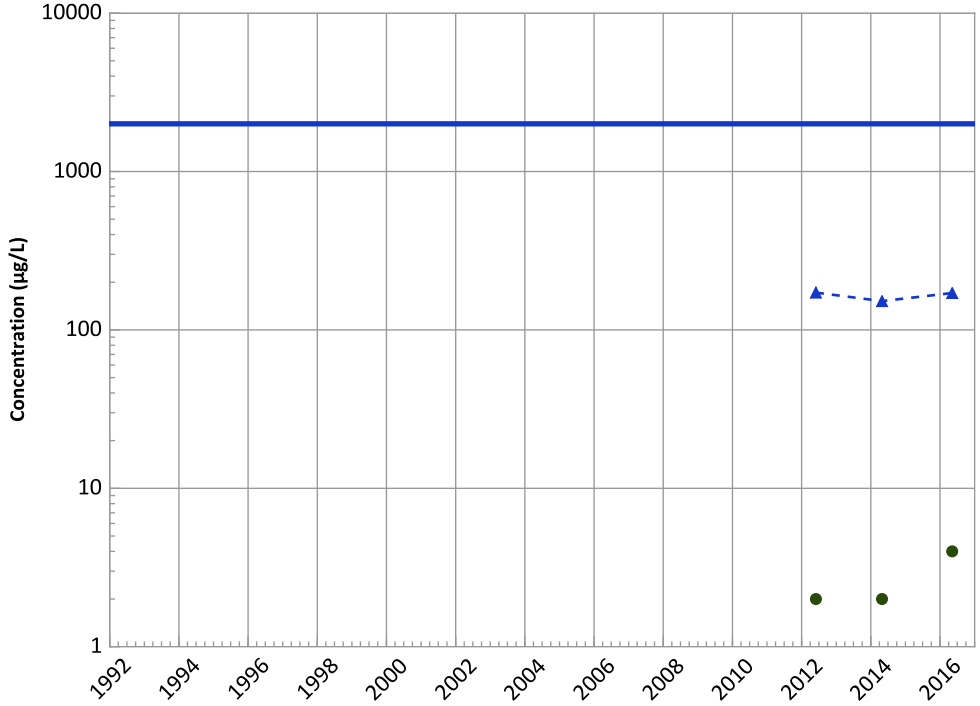


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

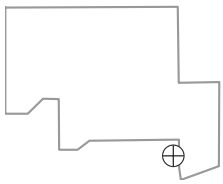
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 11/16/2016
Analysis Date: 03/07/2017

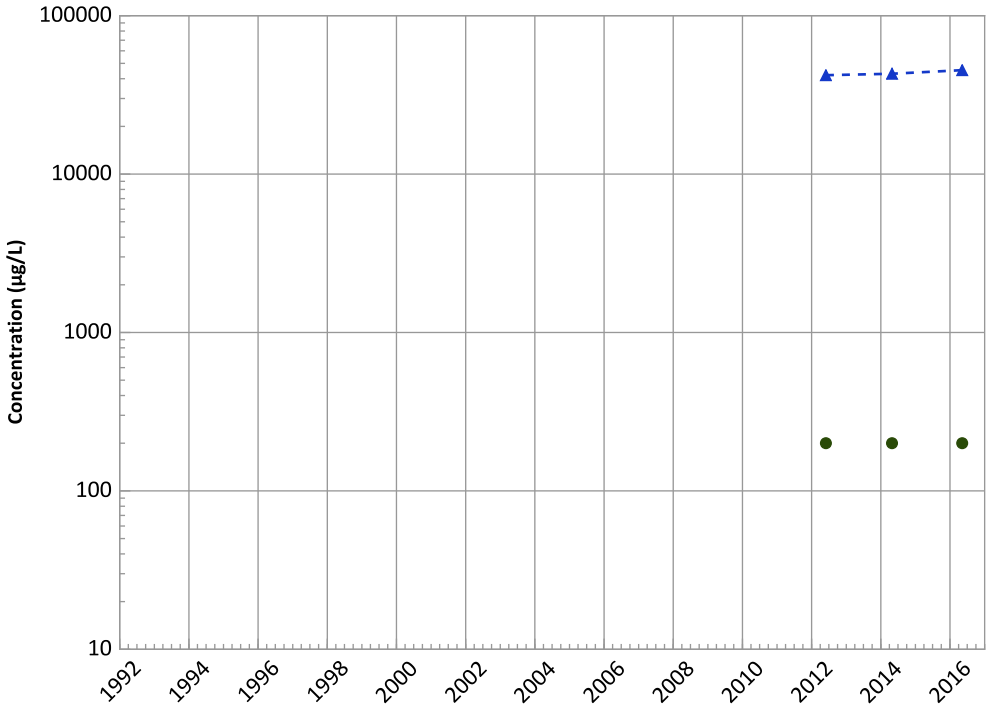
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

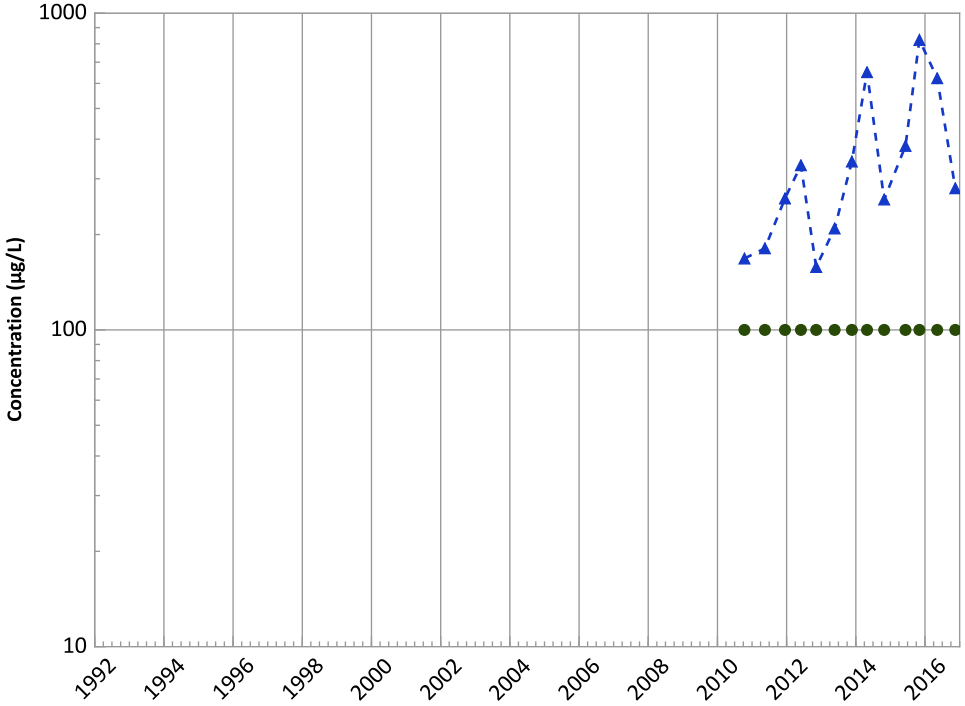


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

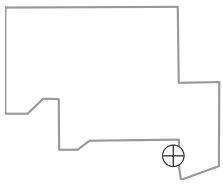
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 11/16/2016
Analysis Date: 03/07/2017

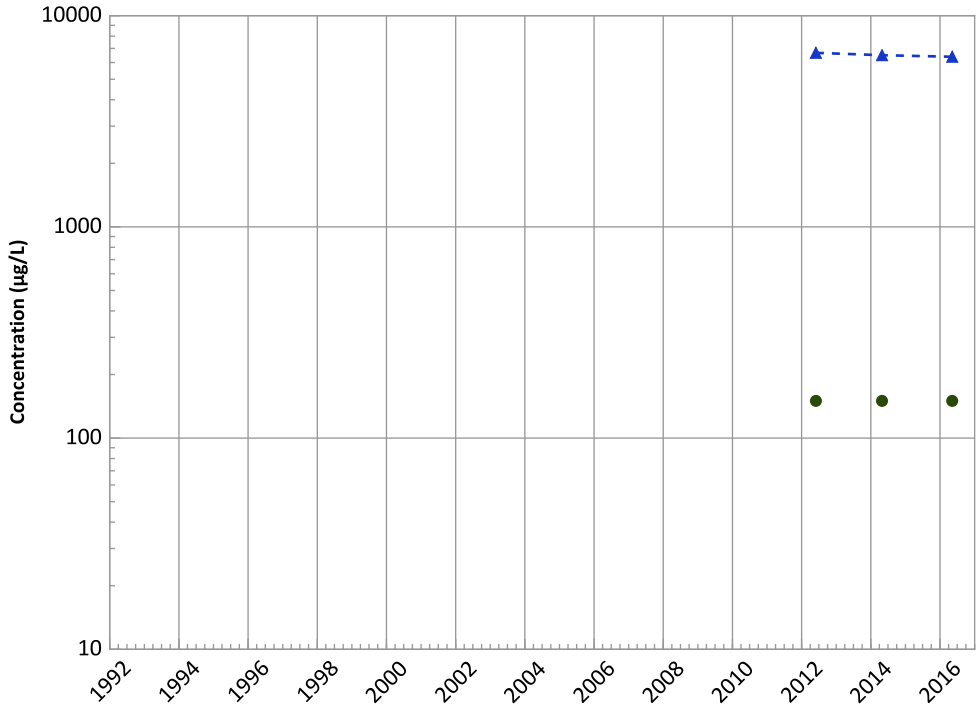
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

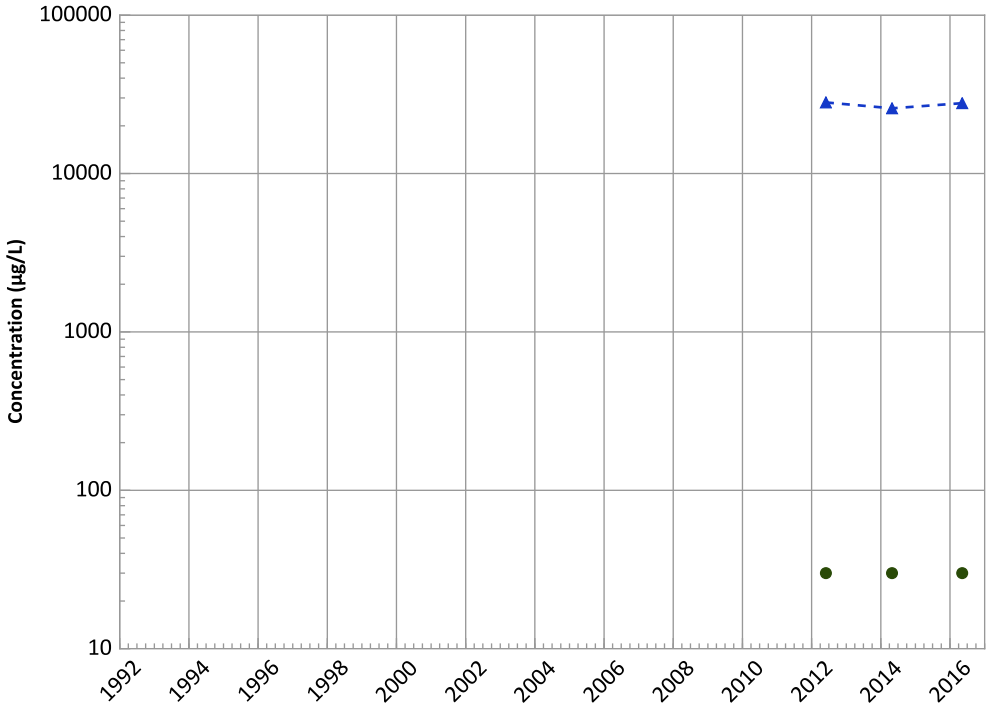


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

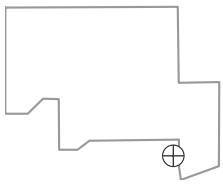
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 11/16/2016
Analysis Date: 03/07/2017

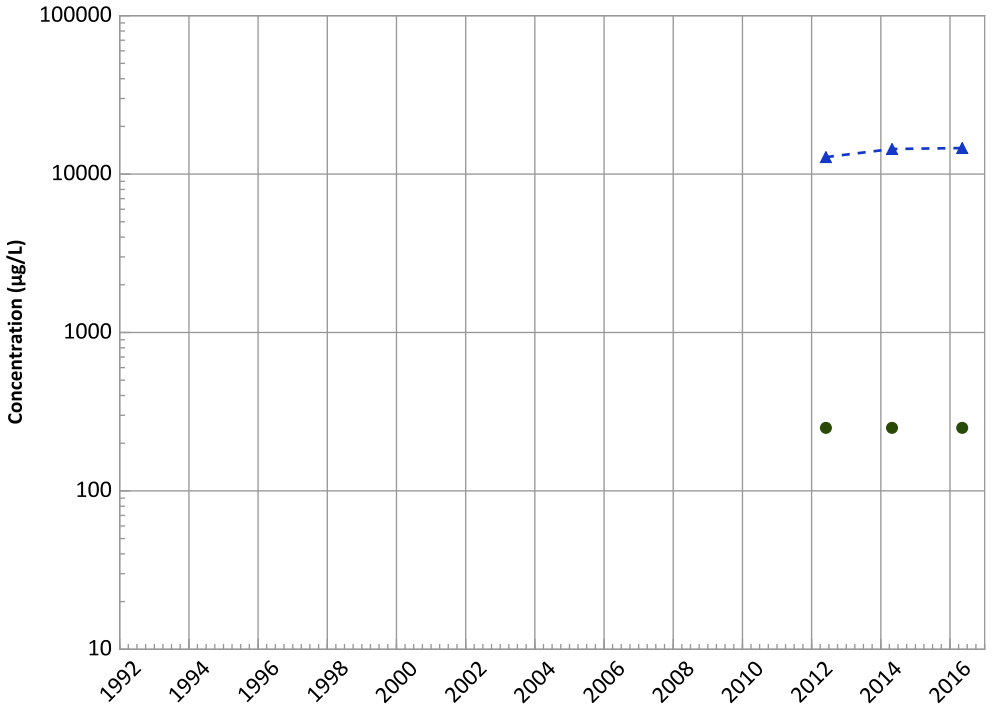
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

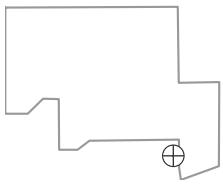
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

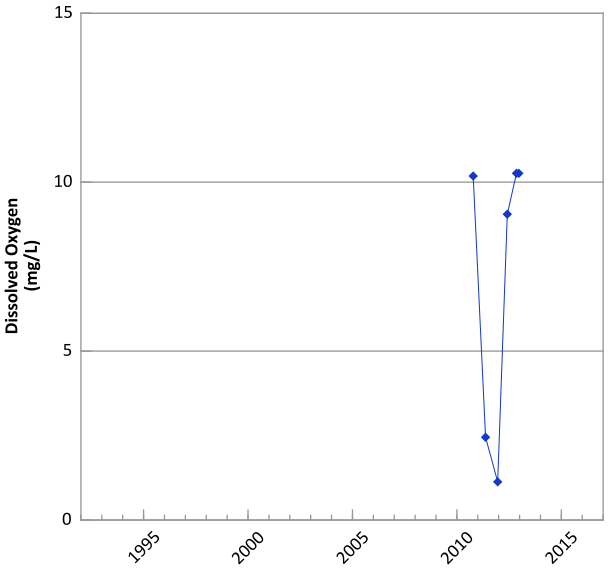
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 11/16/2016
Analysis Date: 03/07/2017

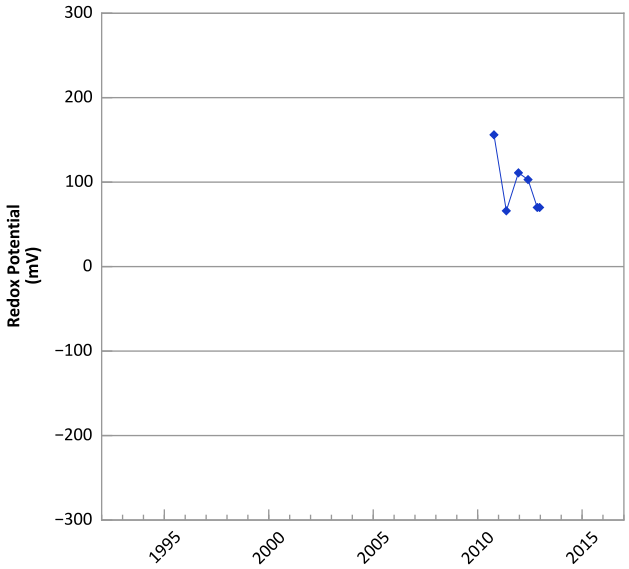
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

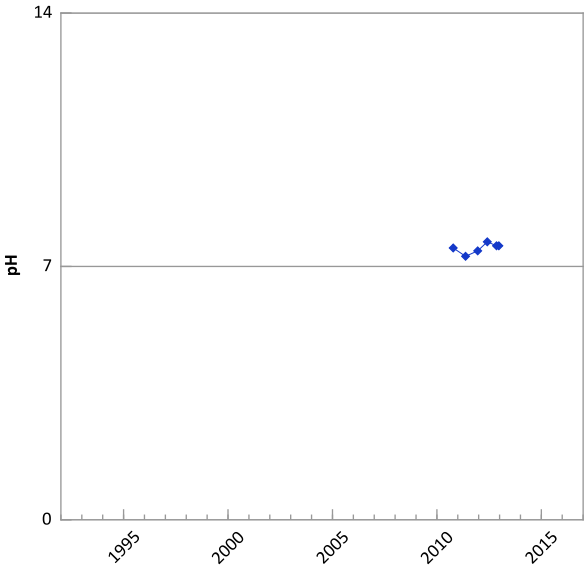
Well Location

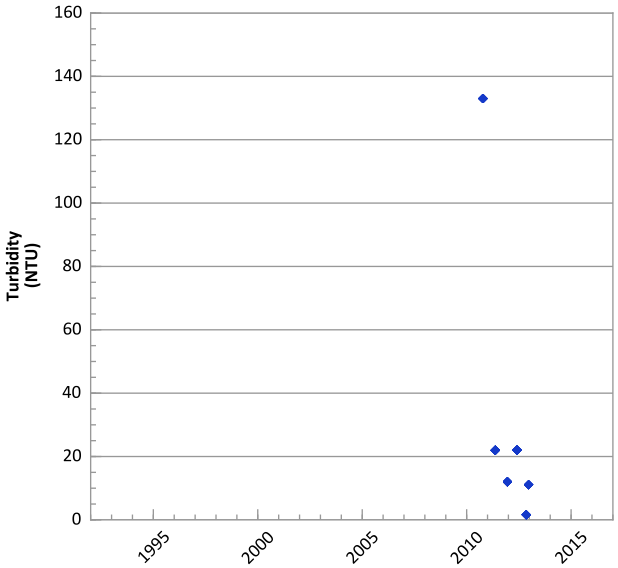


PTX06-1121 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



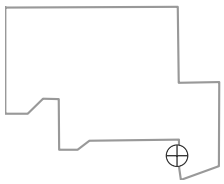






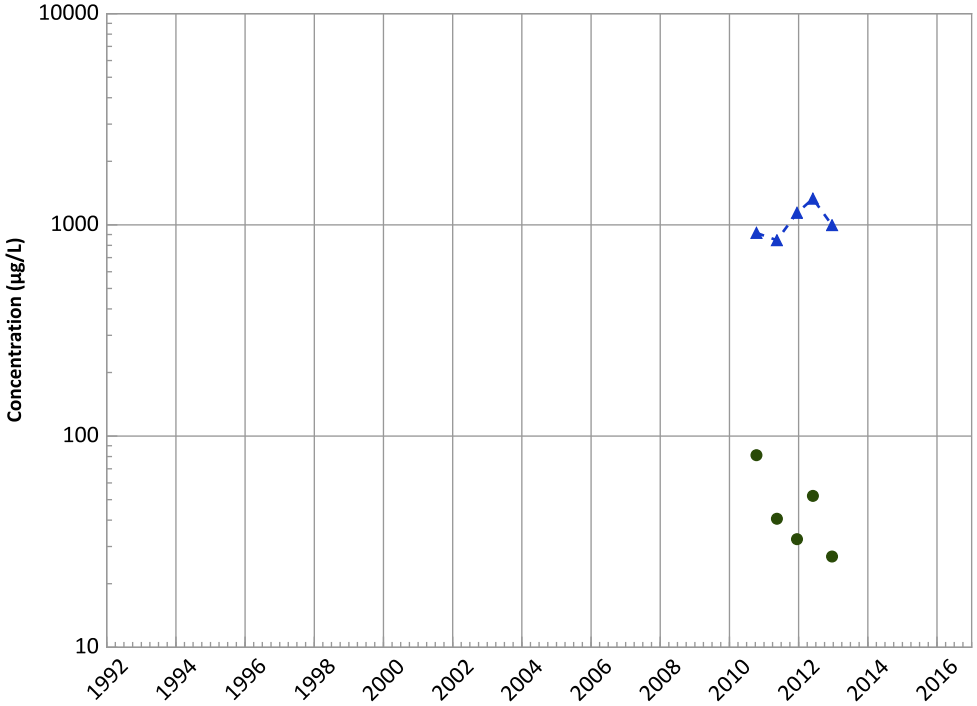
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 12/19/2012
Analysis Date: 03/07/2017

Well Location



PTX06-1121 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

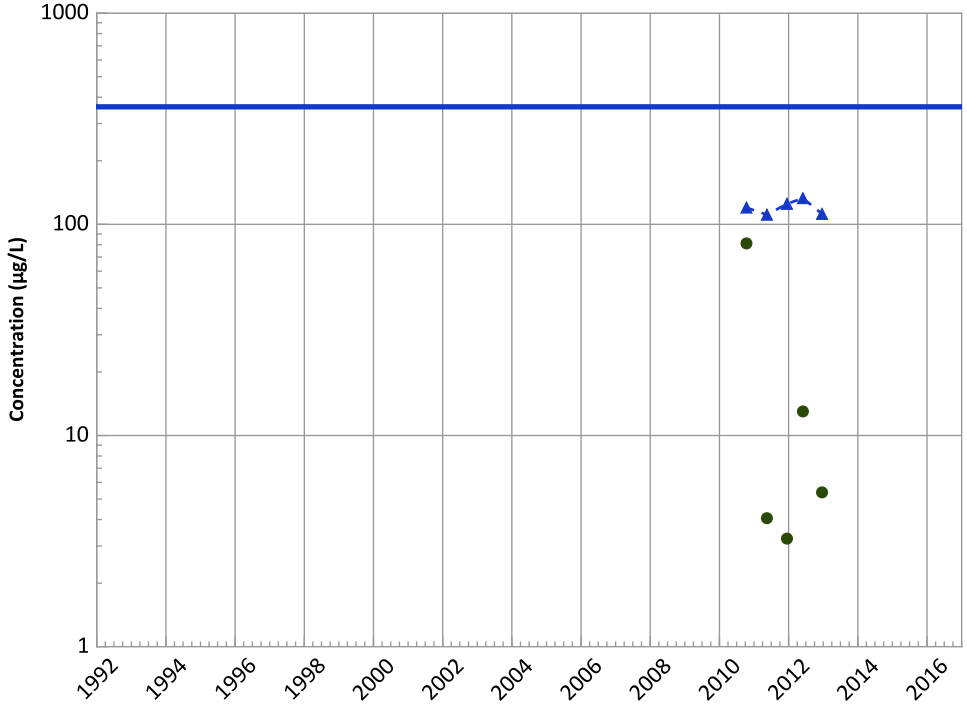


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

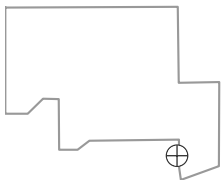
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 12/19/2012
Analysis Date: 03/07/2017

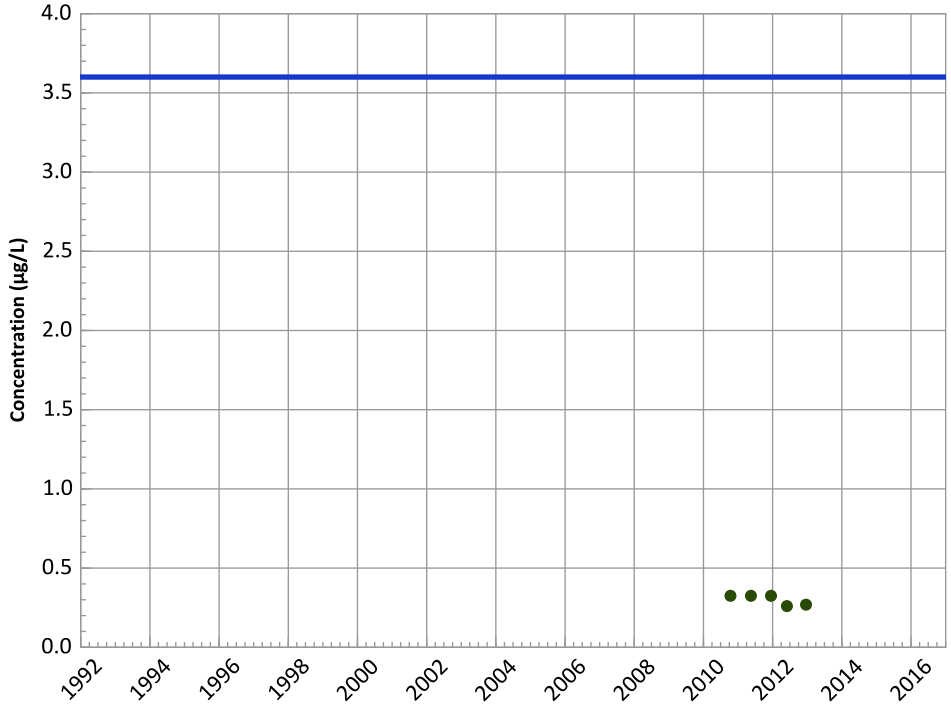
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1121 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

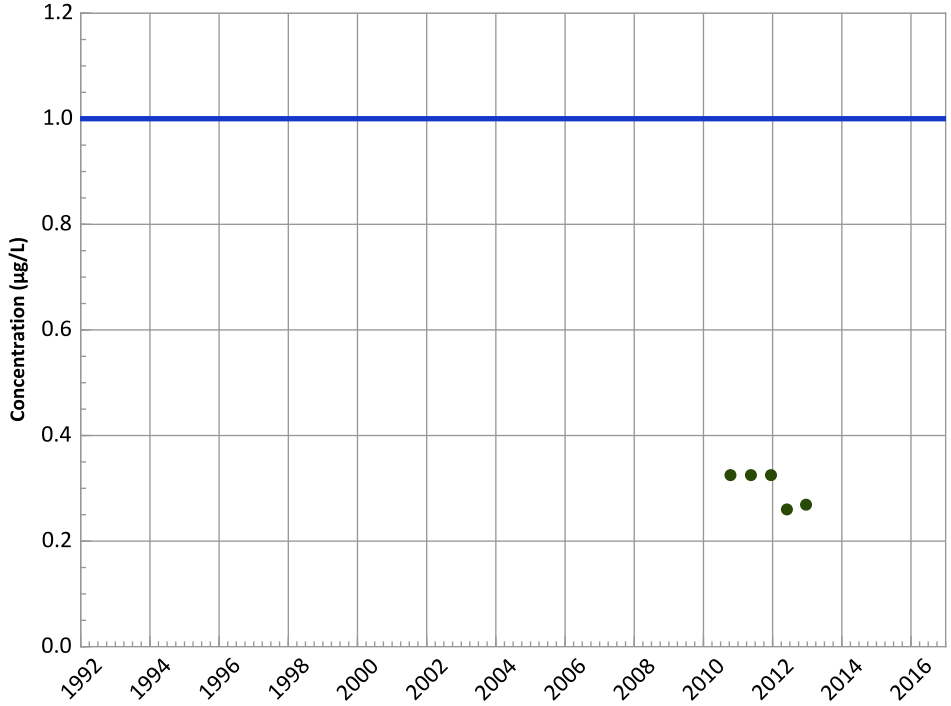


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

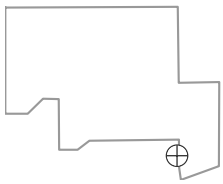
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 12/19/2012
Analysis Date: 03/07/2017

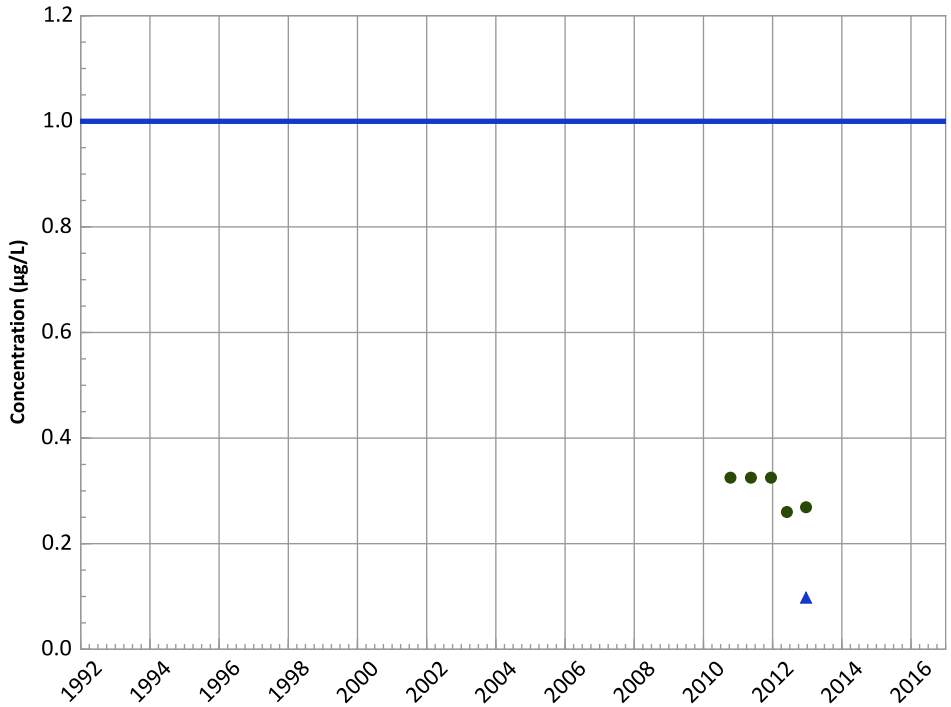
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1121 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

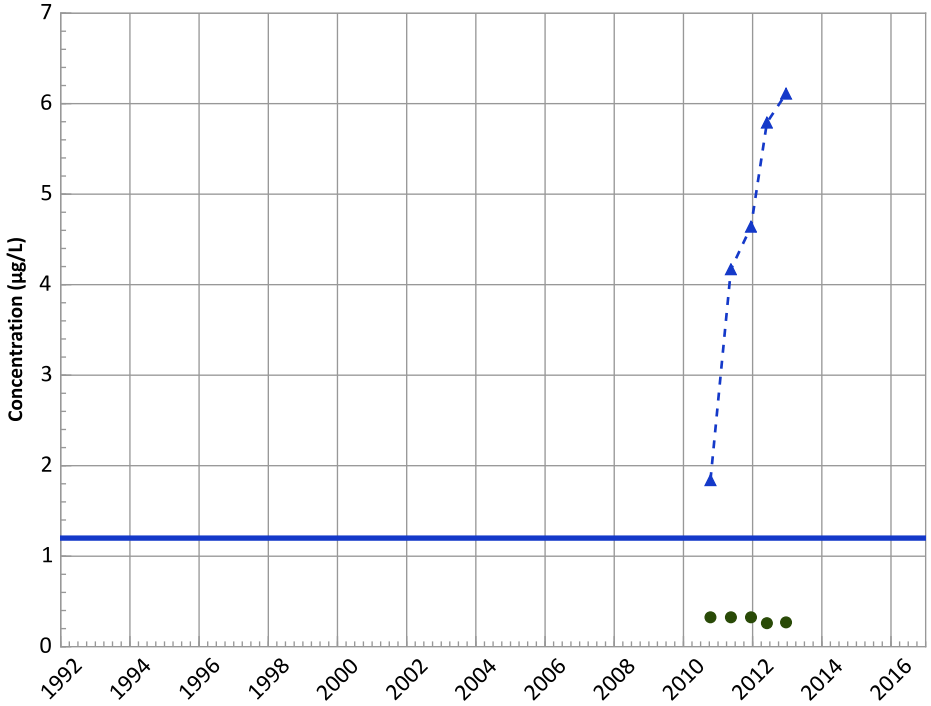


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

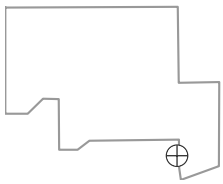
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 12/19/2012
Analysis Date: 03/07/2017

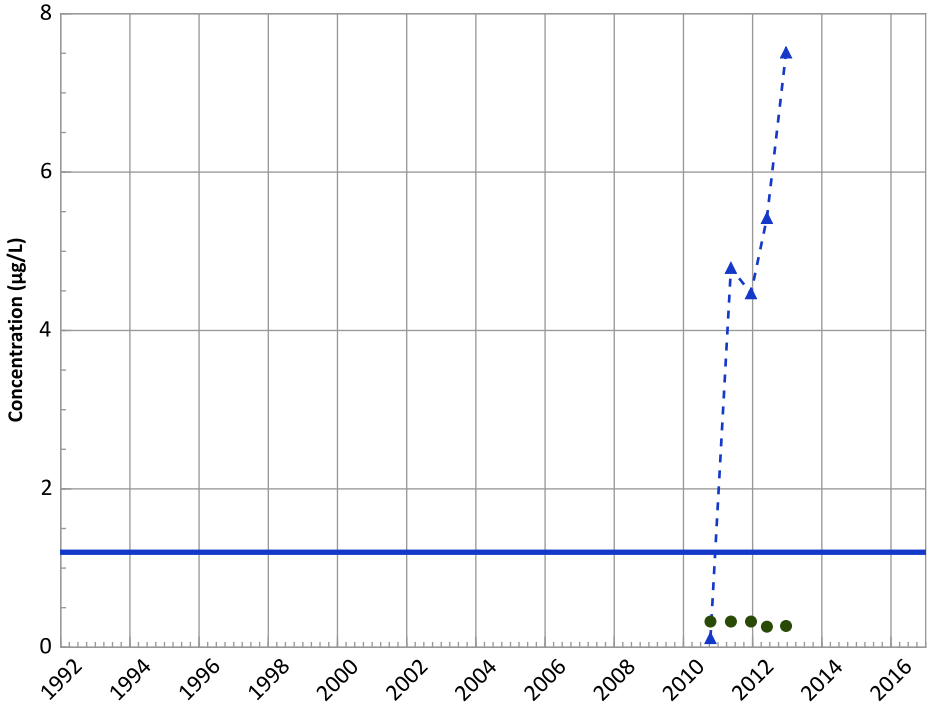
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1121 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

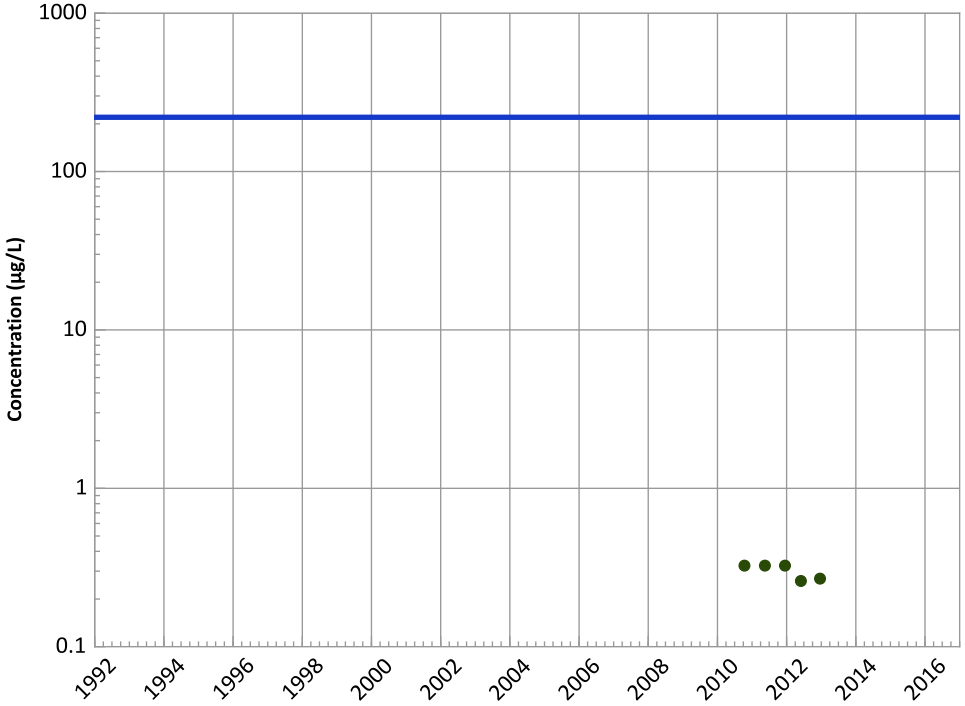


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

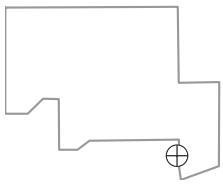
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 12/19/2012
Analysis Date: 03/07/2017

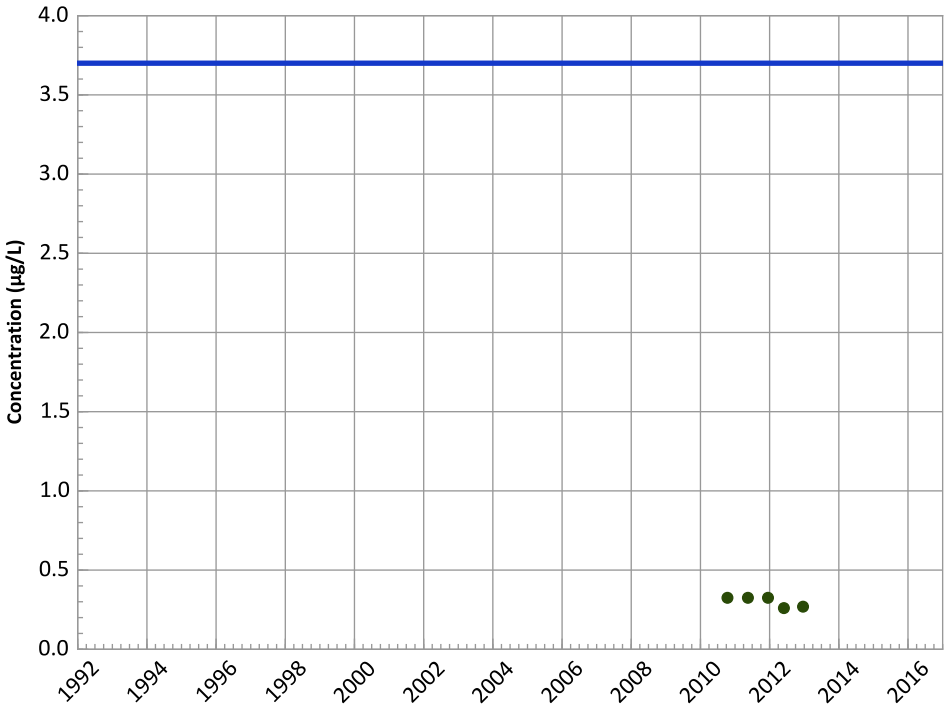
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1121 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

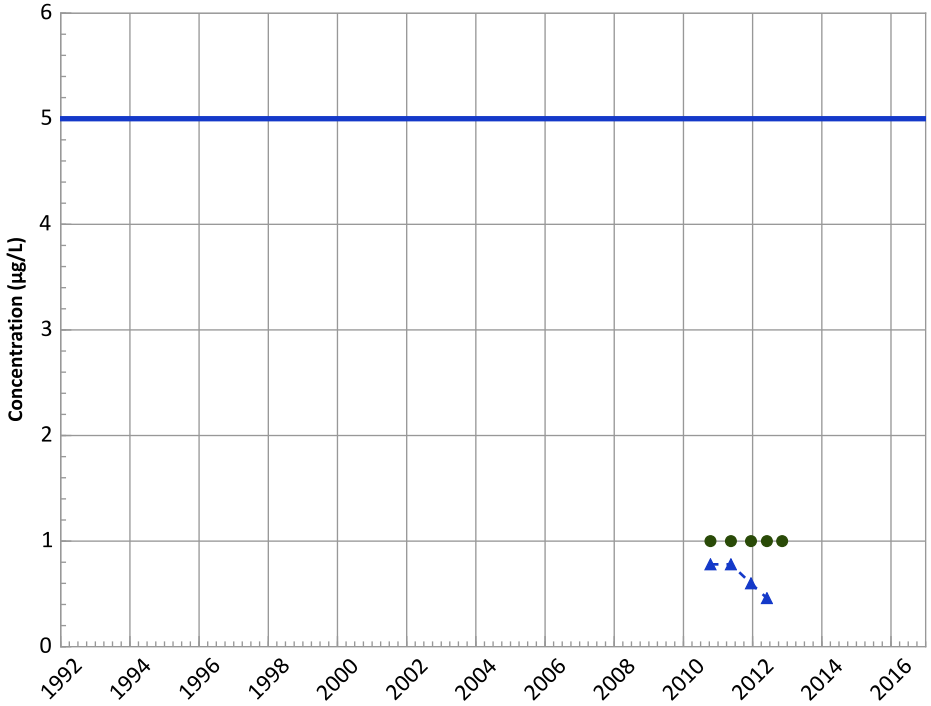


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

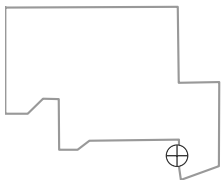
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 12/19/2012
Analysis Date: 03/07/2017

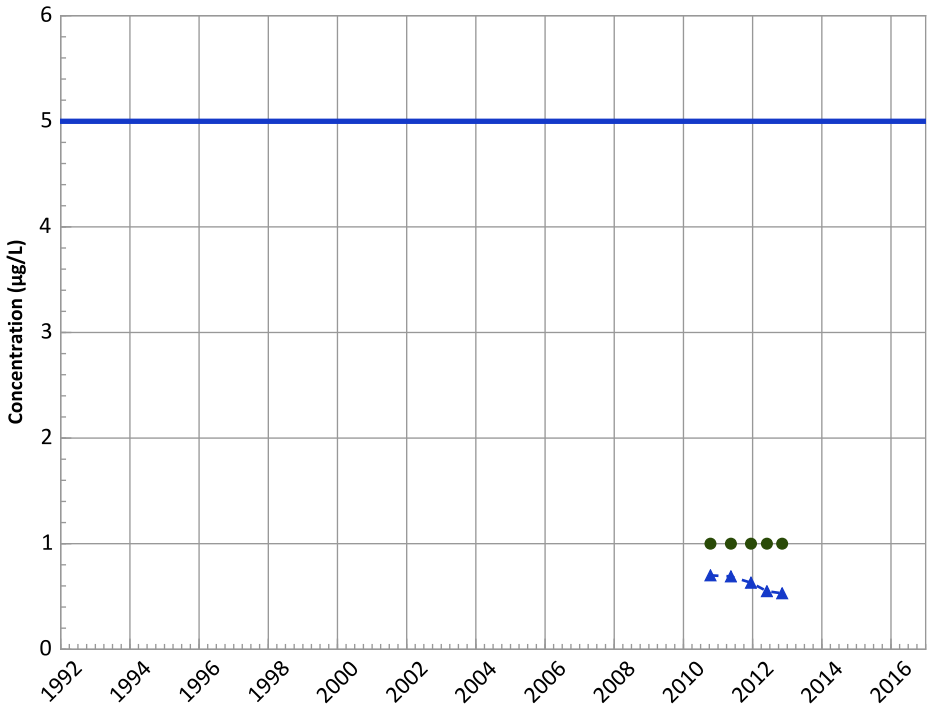
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1121 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

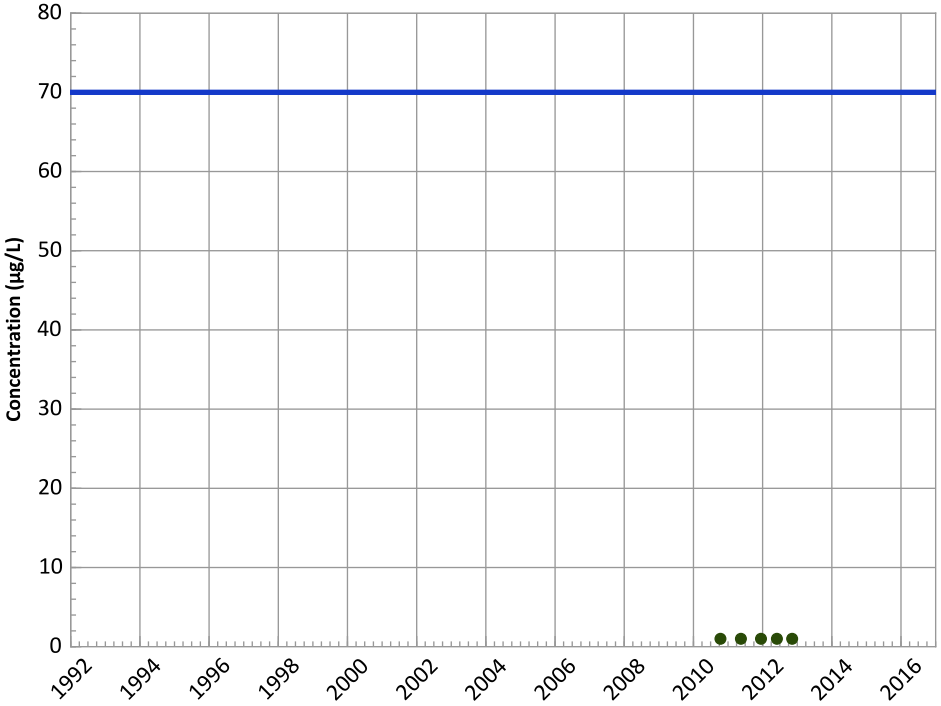


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

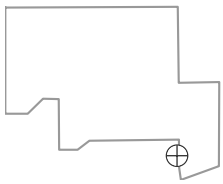
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 12/19/2012
Analysis Date: 03/07/2017

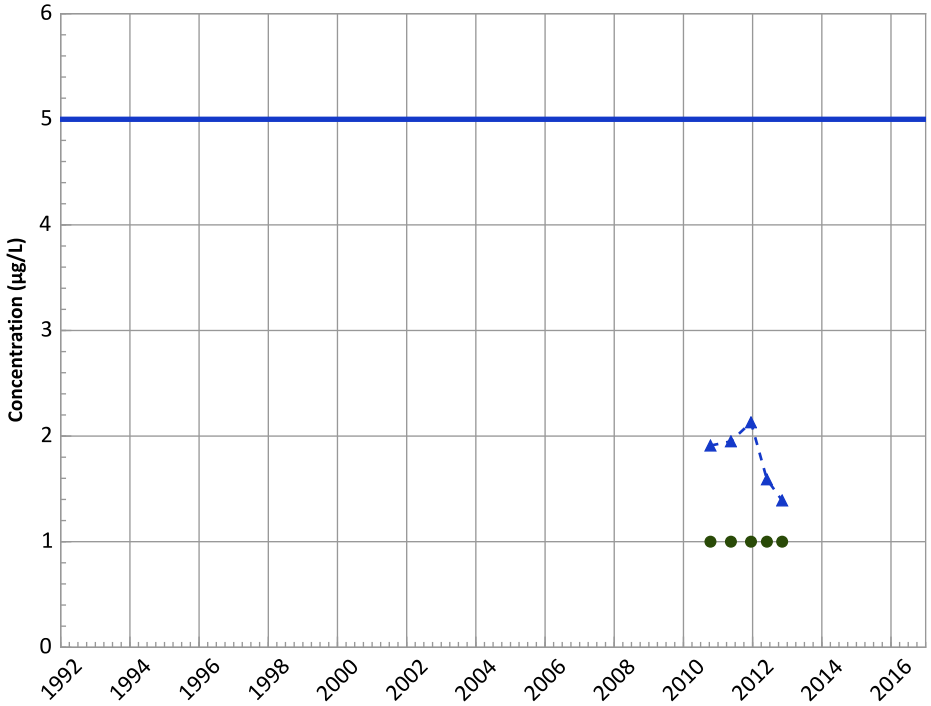
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1121 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

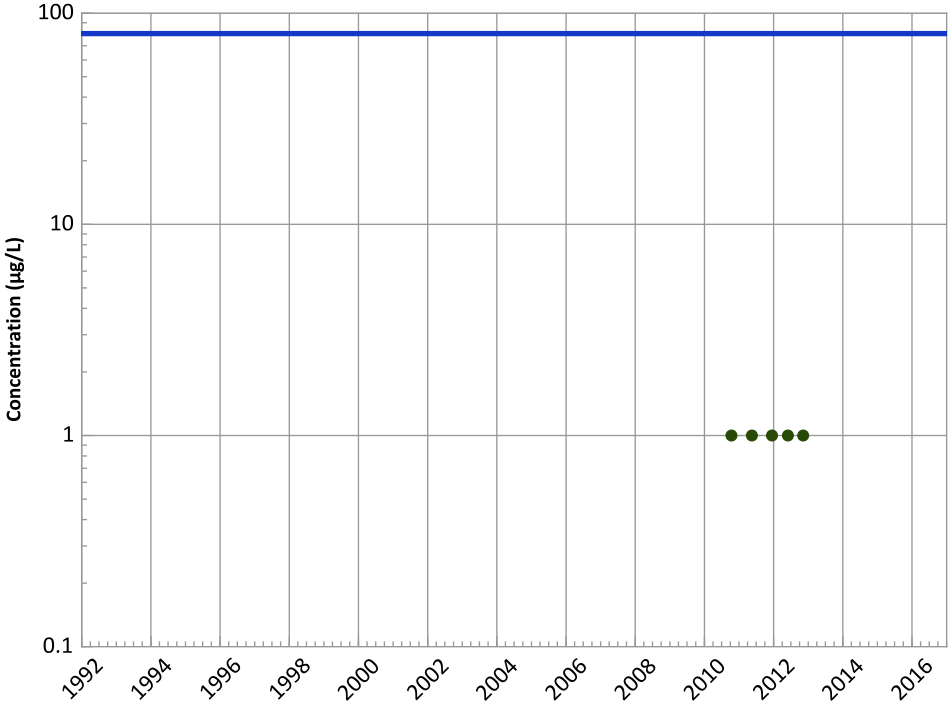


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

Chloroform Trend



Concentration Trend

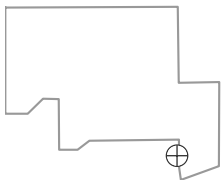
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 12/19/2012
Analysis Date: 03/07/2017

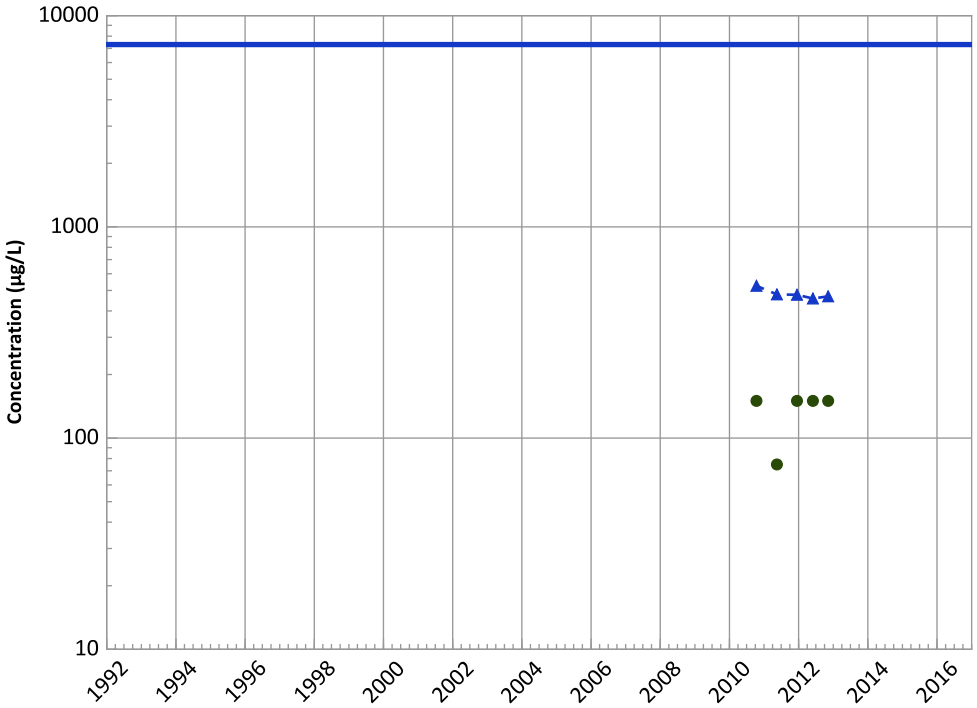
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1121 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

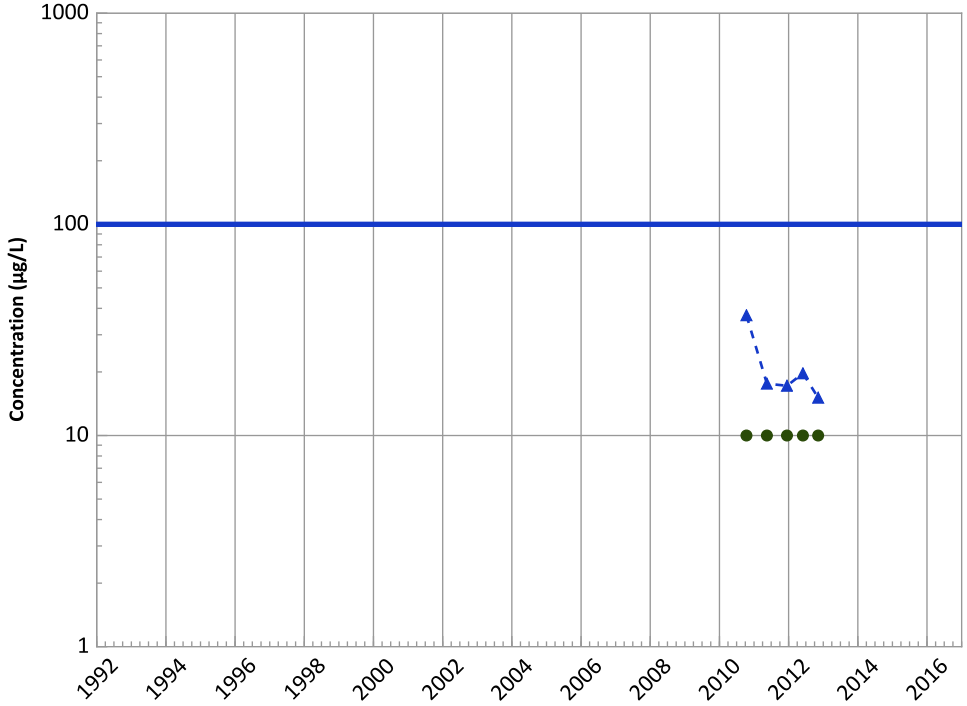


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

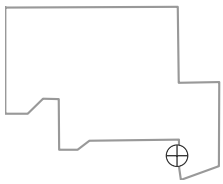
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 12/19/2012
Analysis Date: 03/07/2017

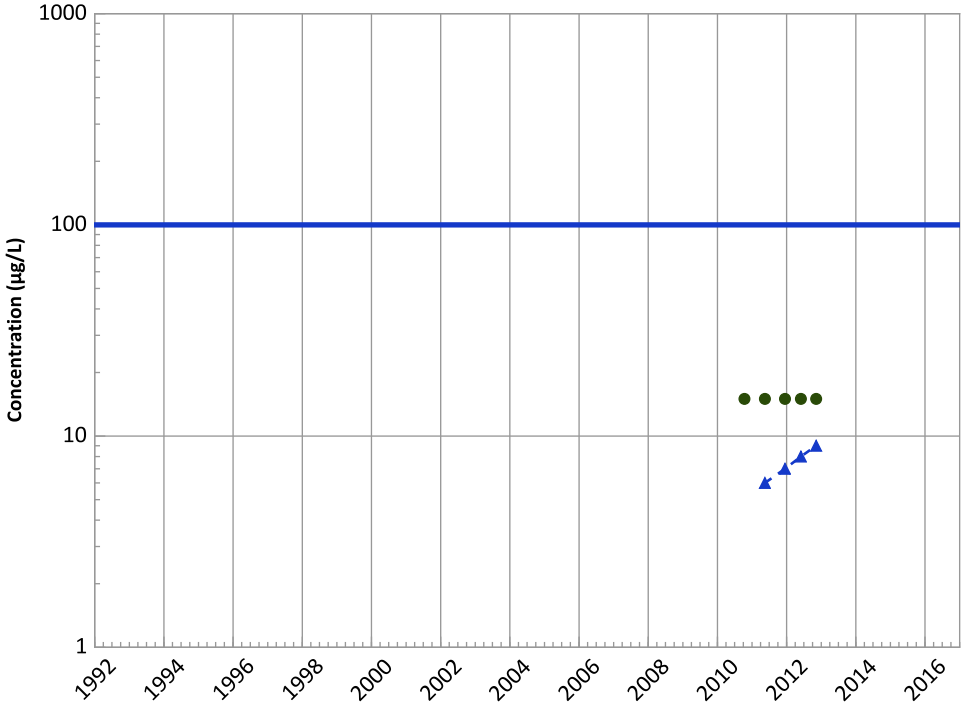
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1121 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

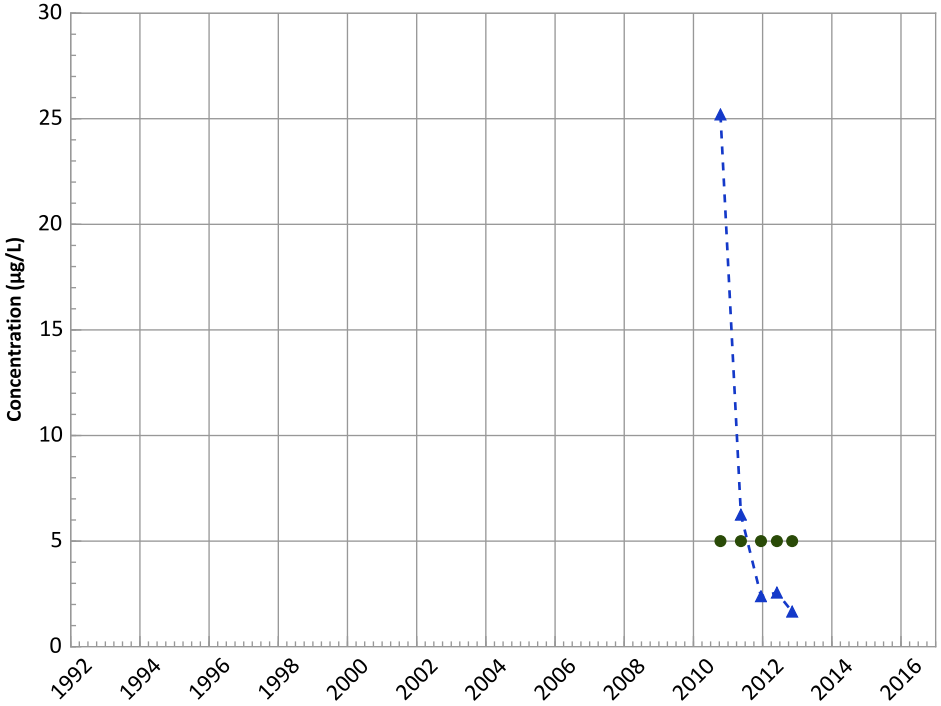


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Manganese Trend



Concentration Trend

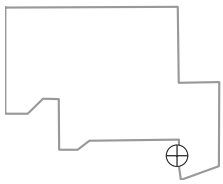
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 12/19/2012
Analysis Date: 03/07/2017

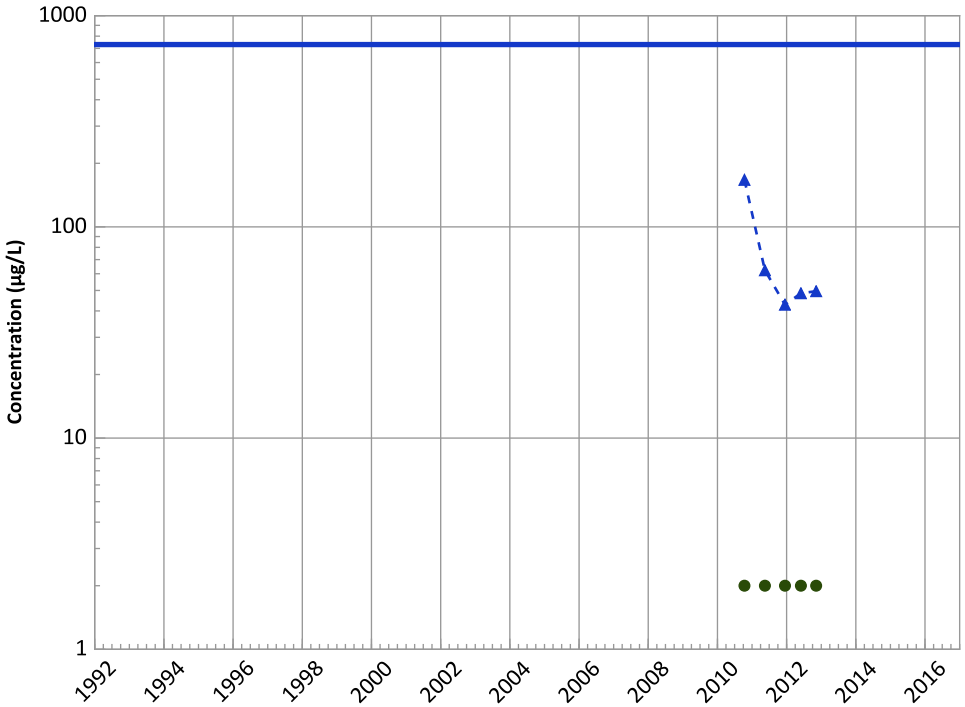
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1121 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

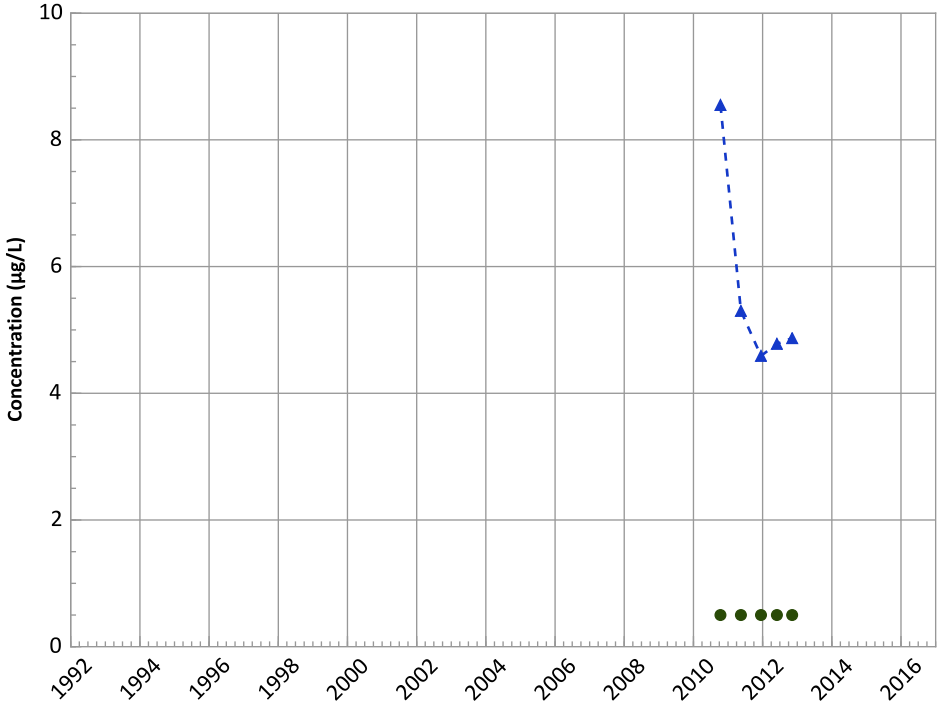


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Molybdenum Trend



Concentration Trend

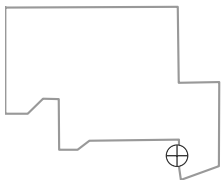
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 12/19/2012
Analysis Date: 03/07/2017

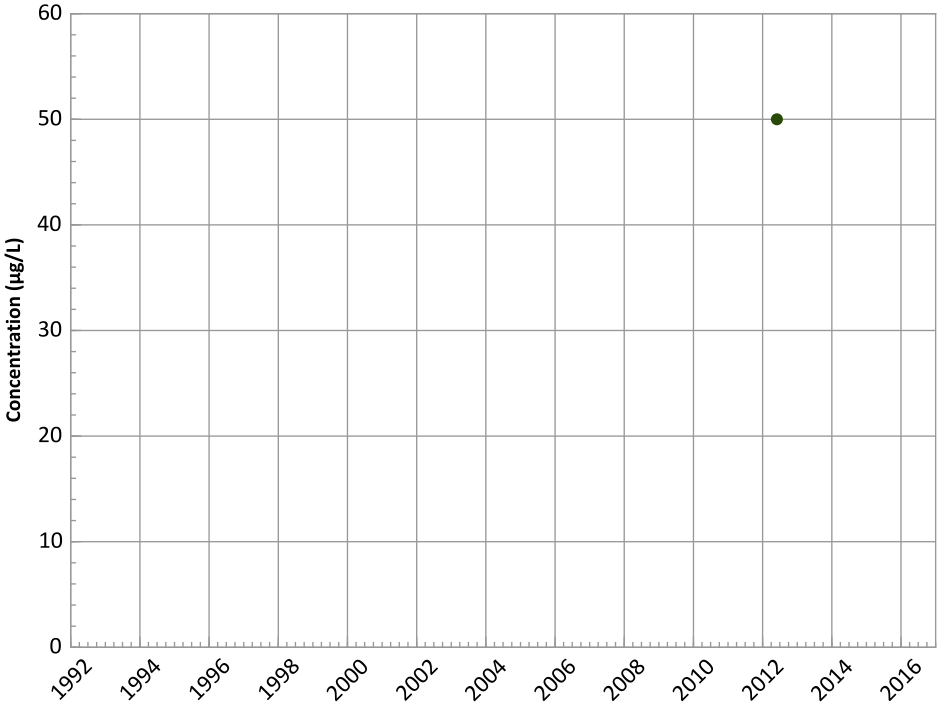
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1121 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

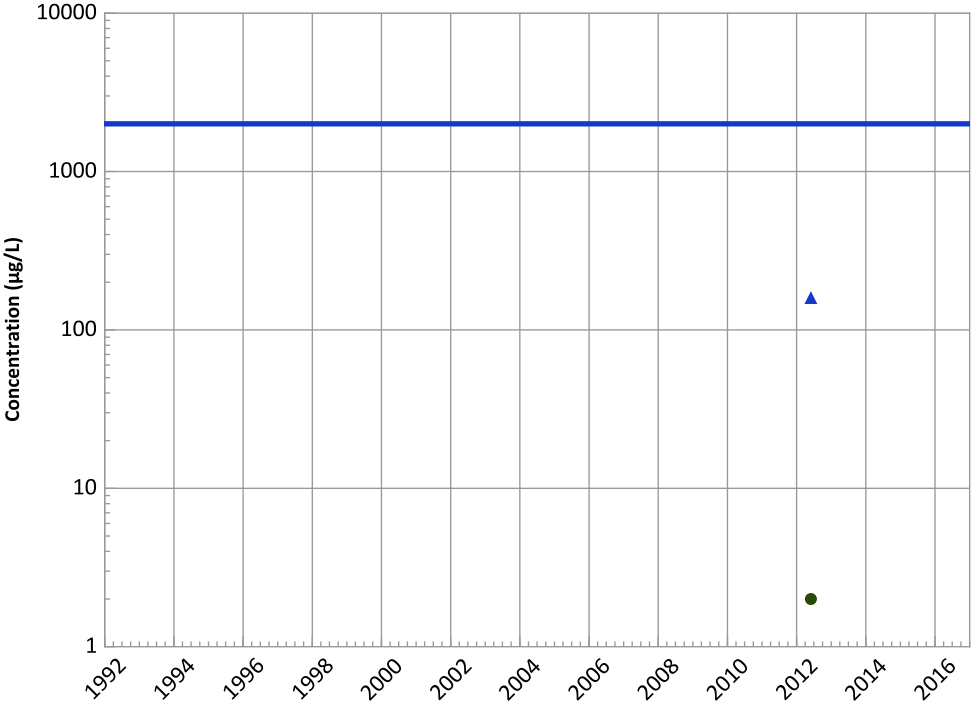


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Barium Trend



Concentration Trend

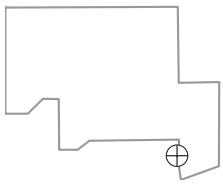
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 12/19/2012
Analysis Date: 03/07/2017

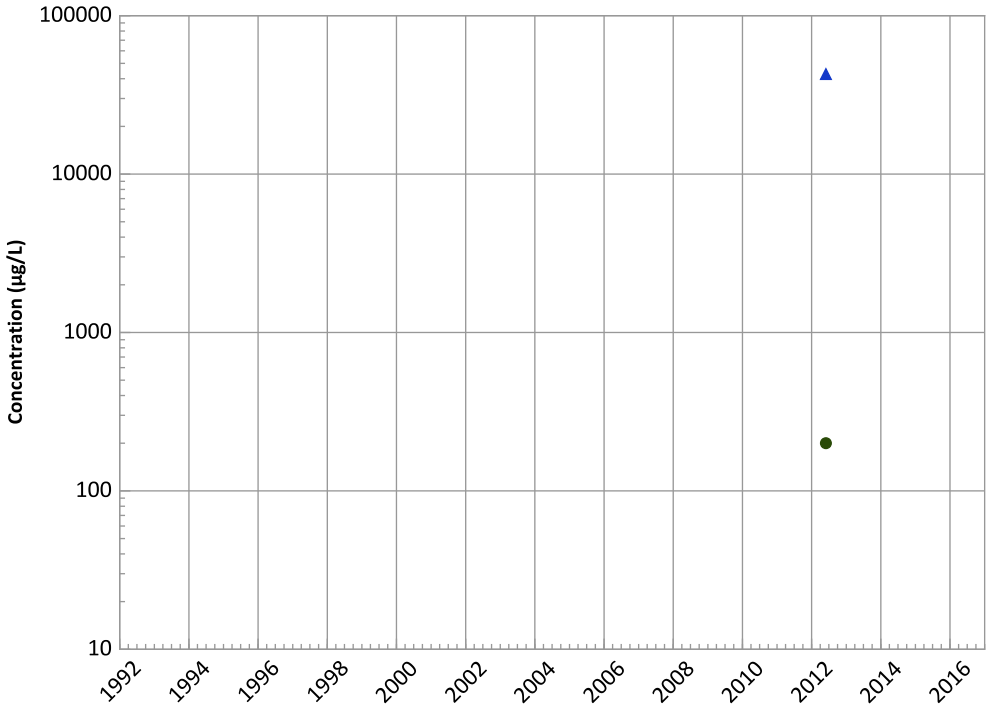
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1121 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

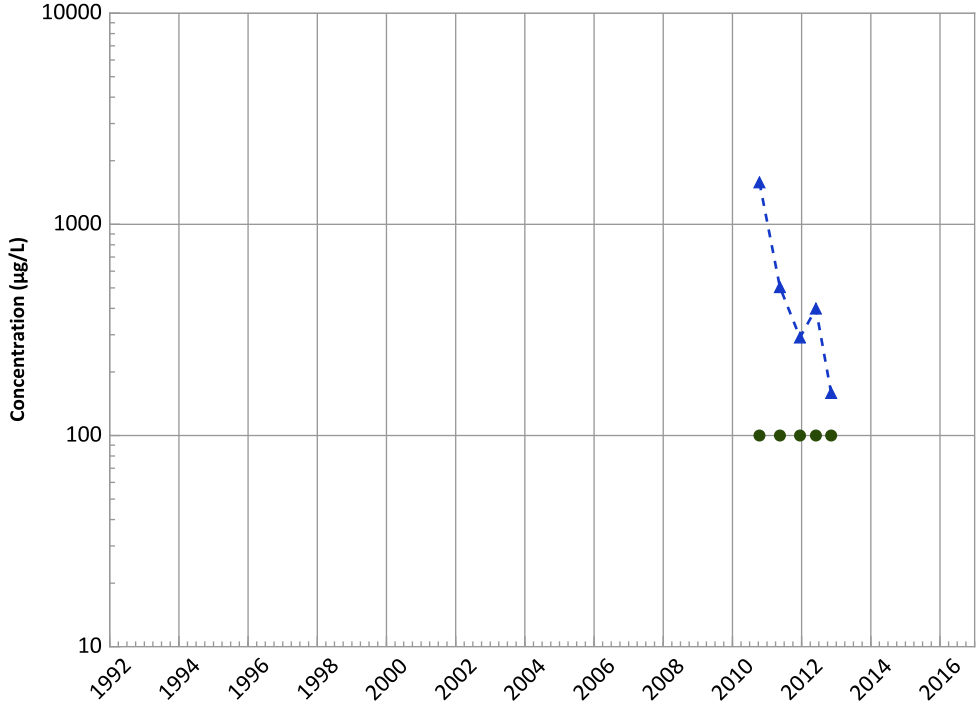


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

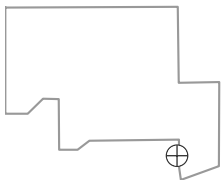
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 12/19/2012
Analysis Date: 03/07/2017

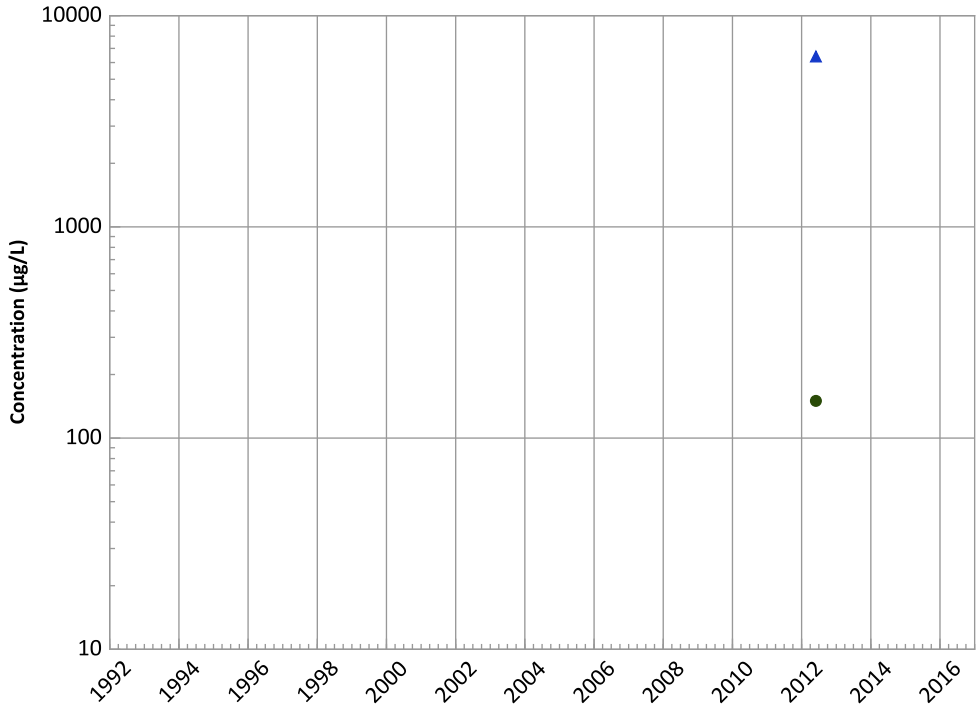
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1121 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

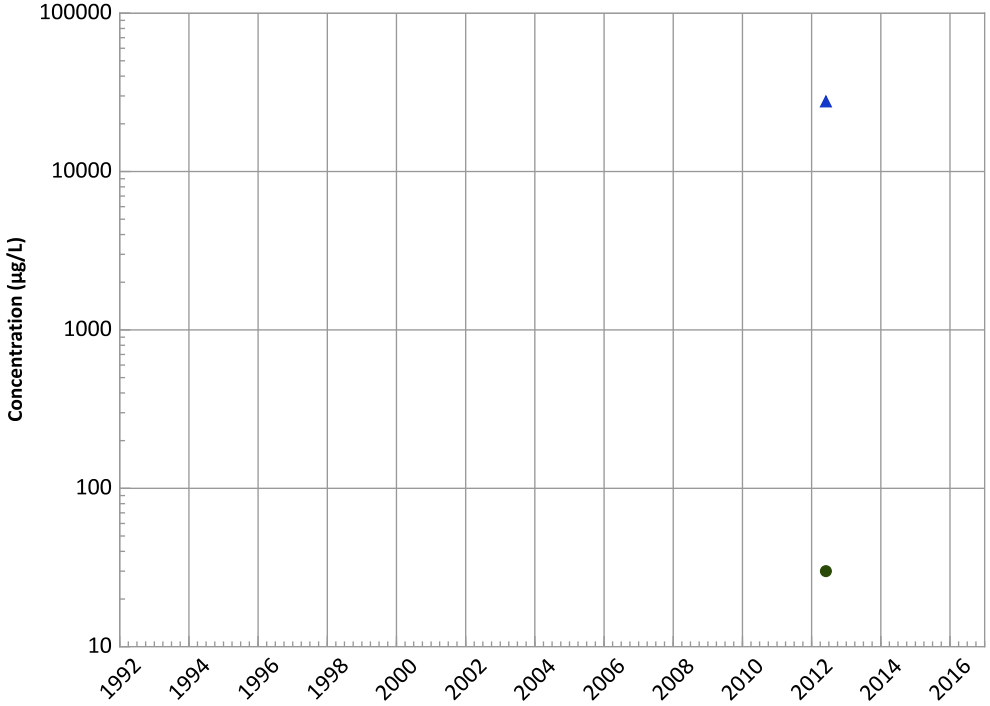


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

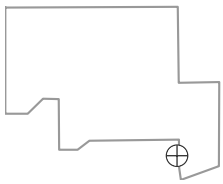
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 12/19/2012
Analysis Date: 03/07/2017

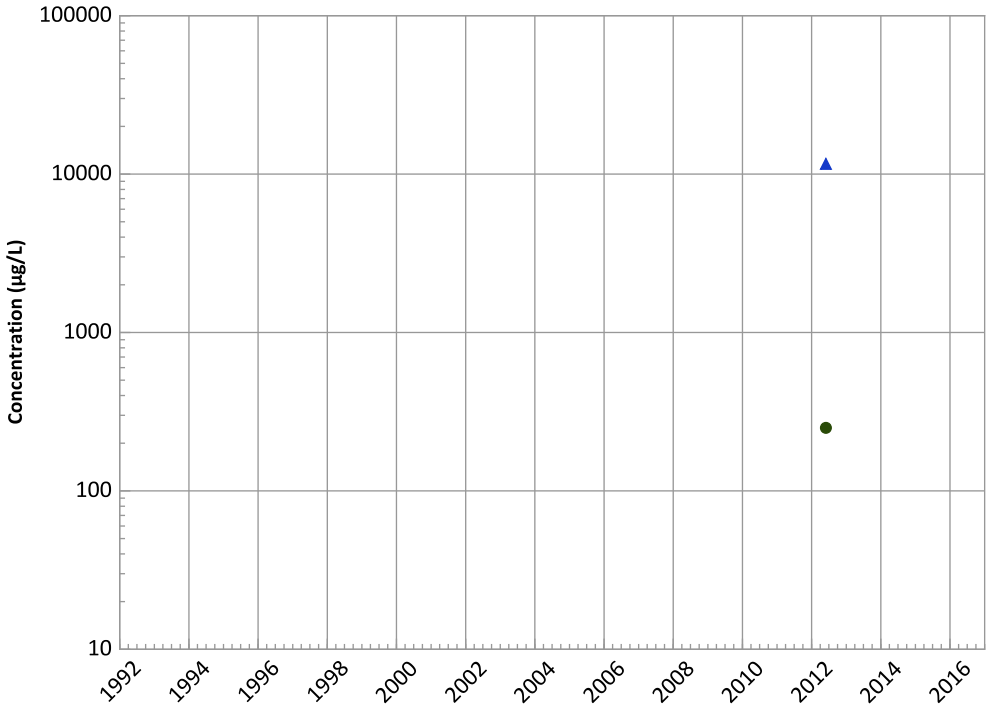
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1121 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

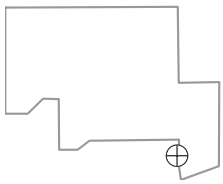
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

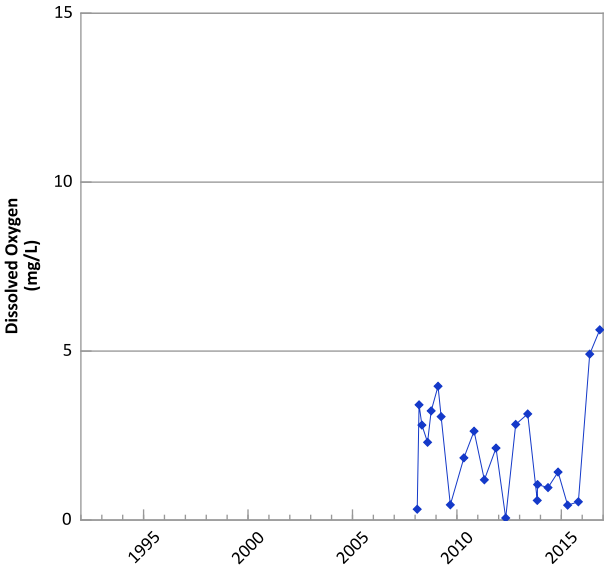
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/2010 to 12/19/2012
Analysis Date: 03/07/2017

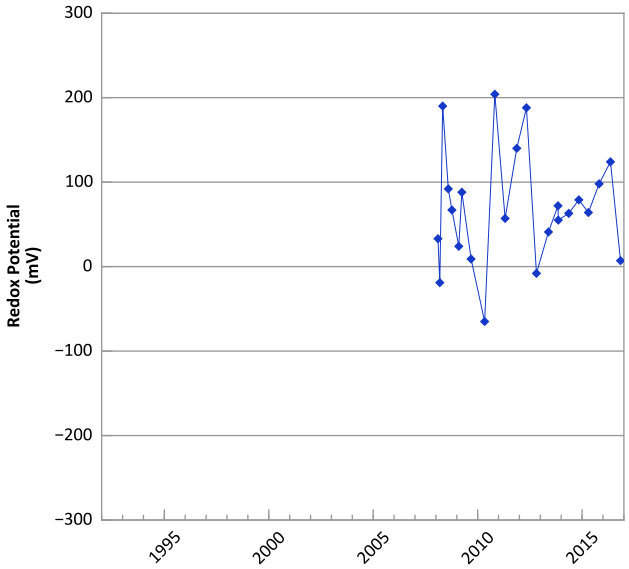
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

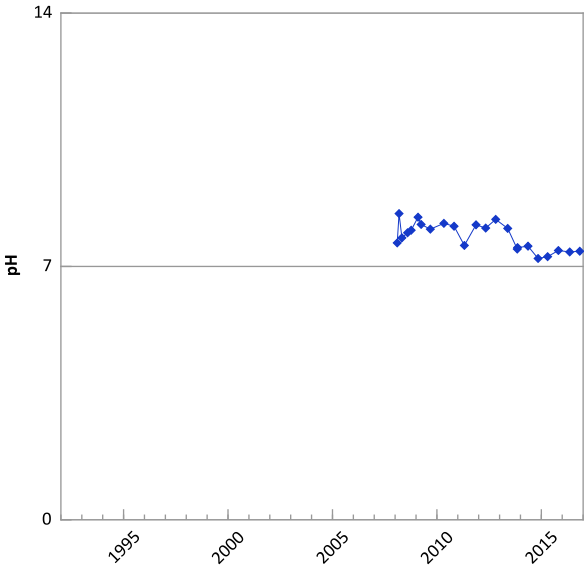
Well Location

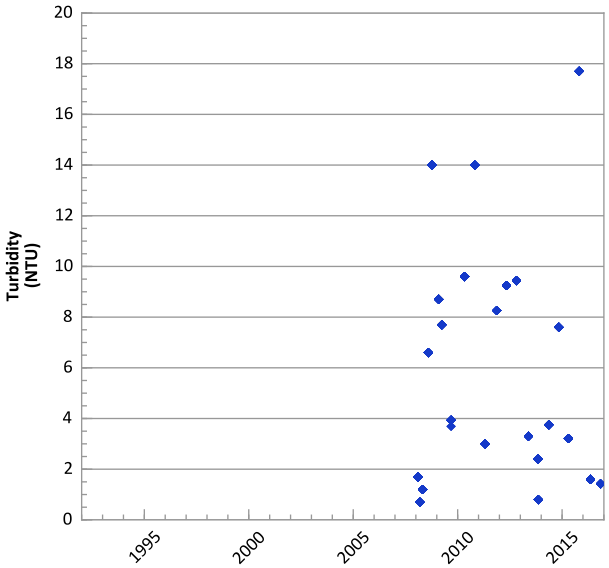


PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



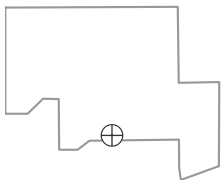






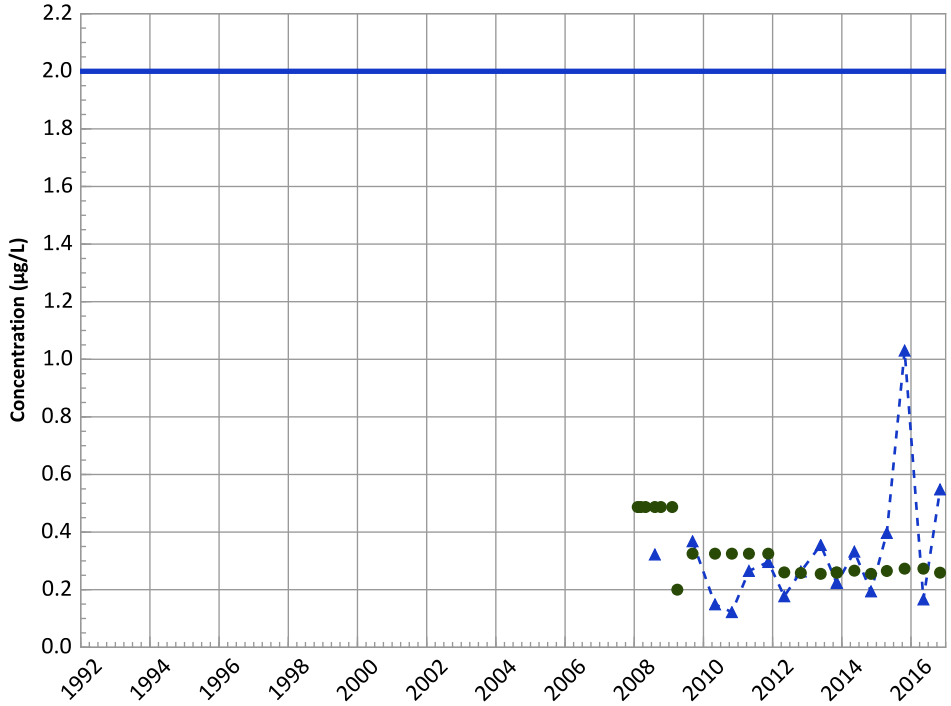
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

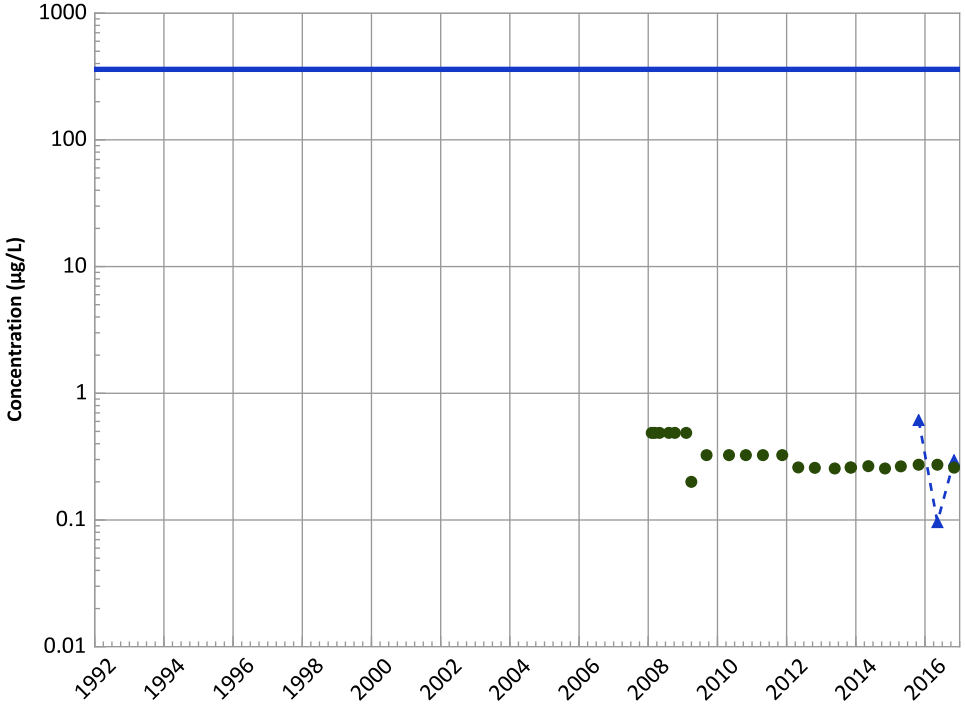


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Probably Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

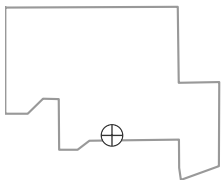
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

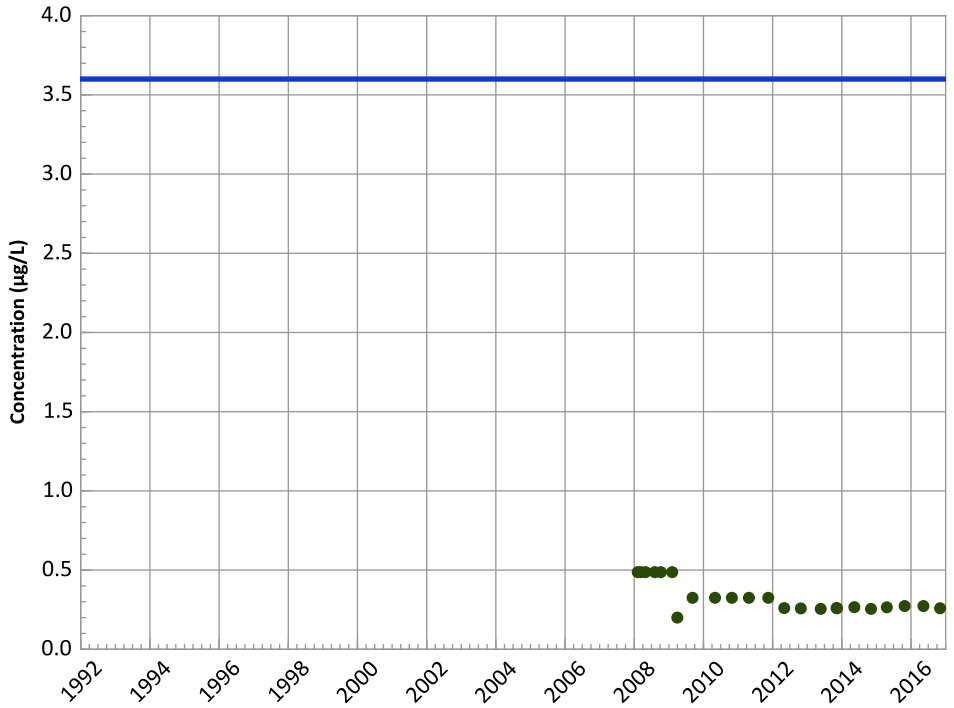
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

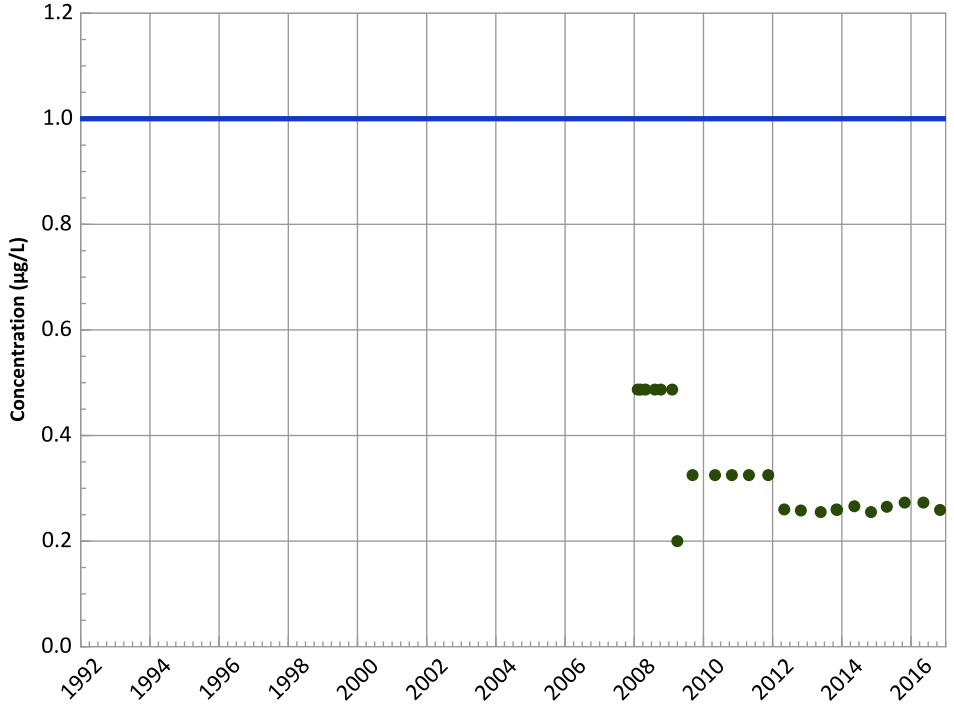


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

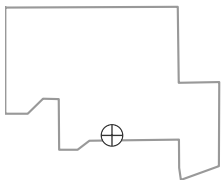
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

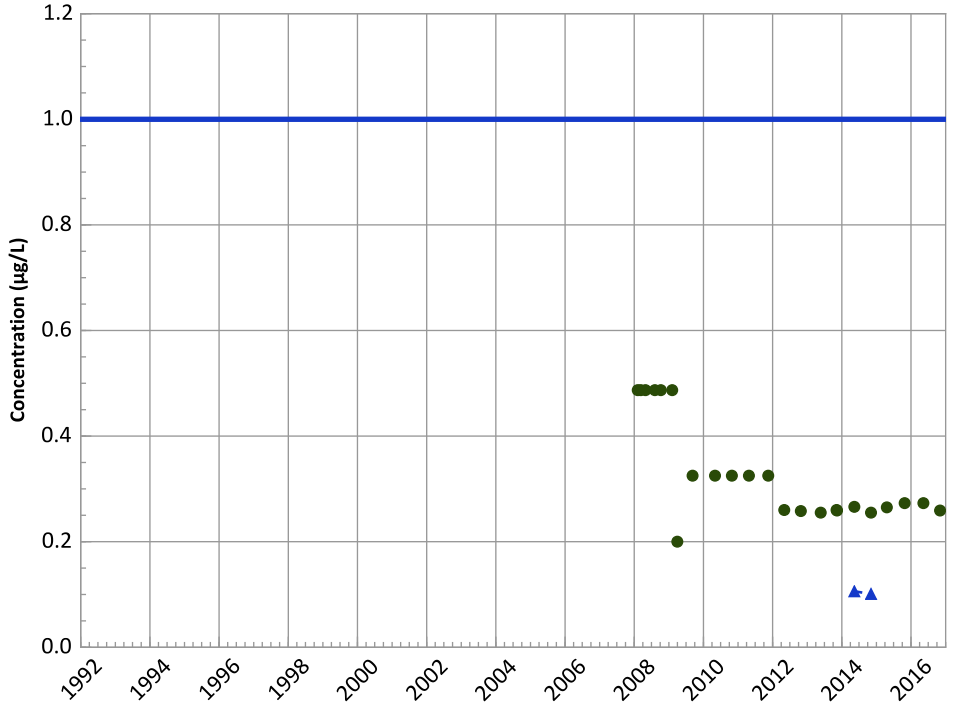
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

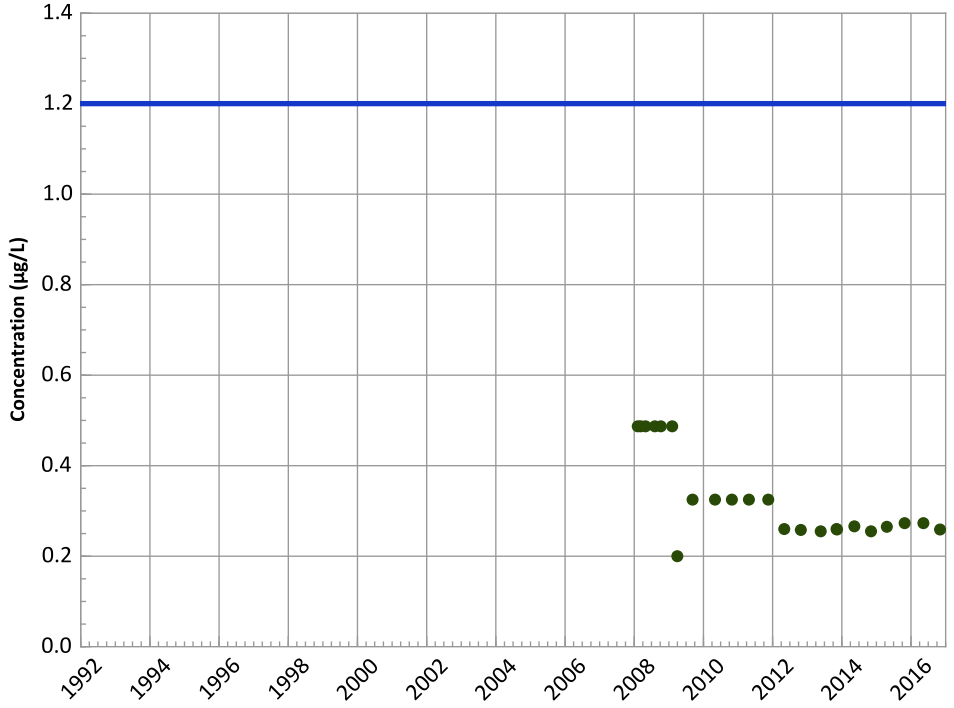


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

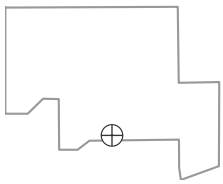
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

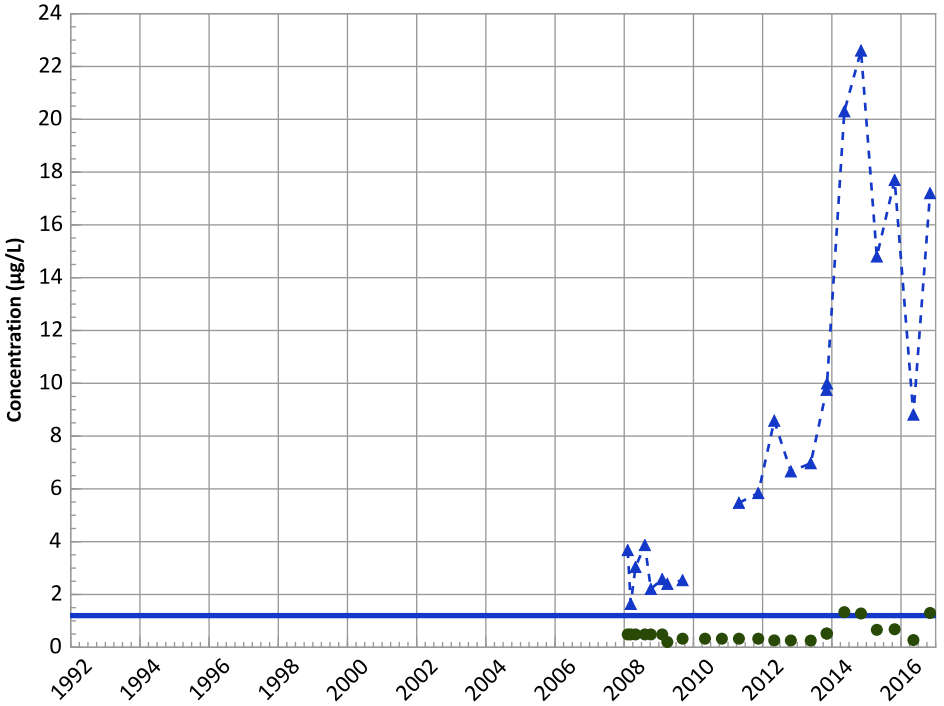
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

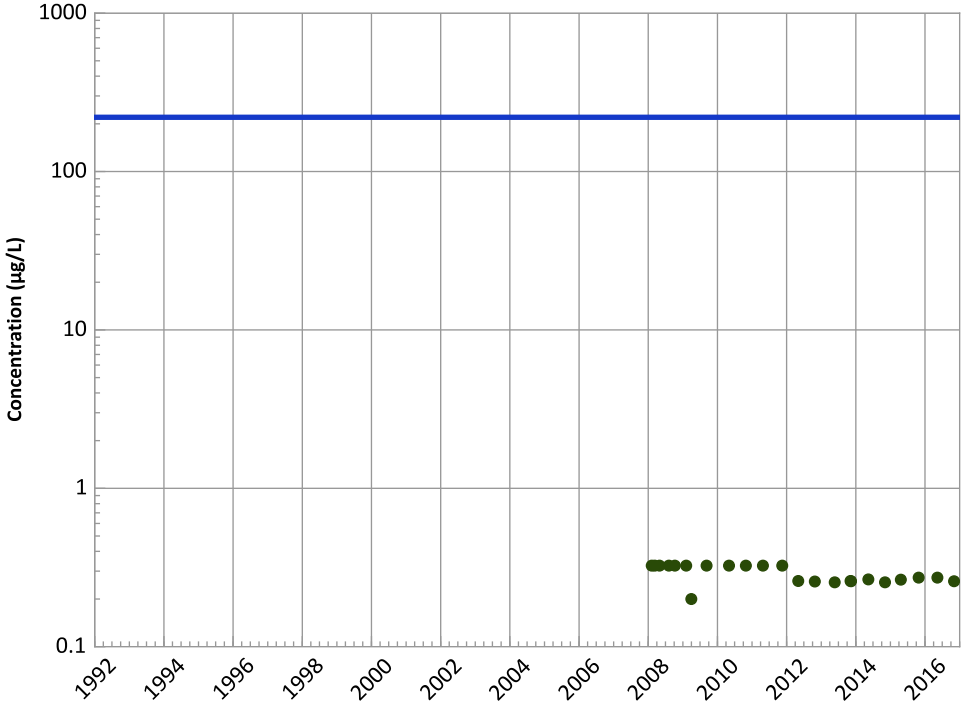


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

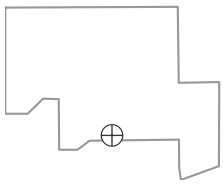
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

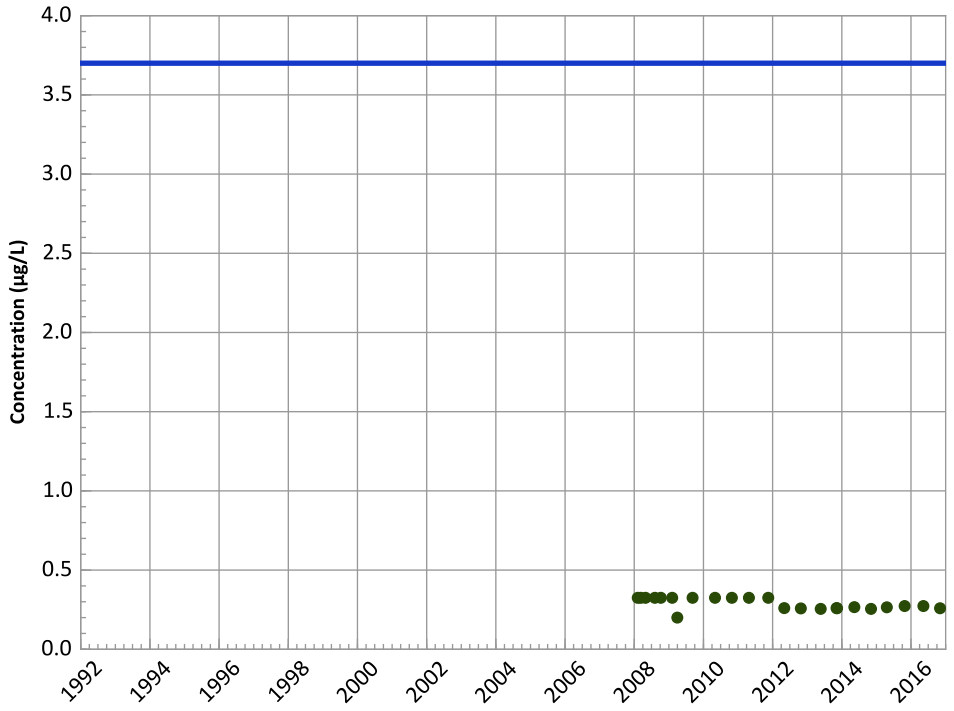
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

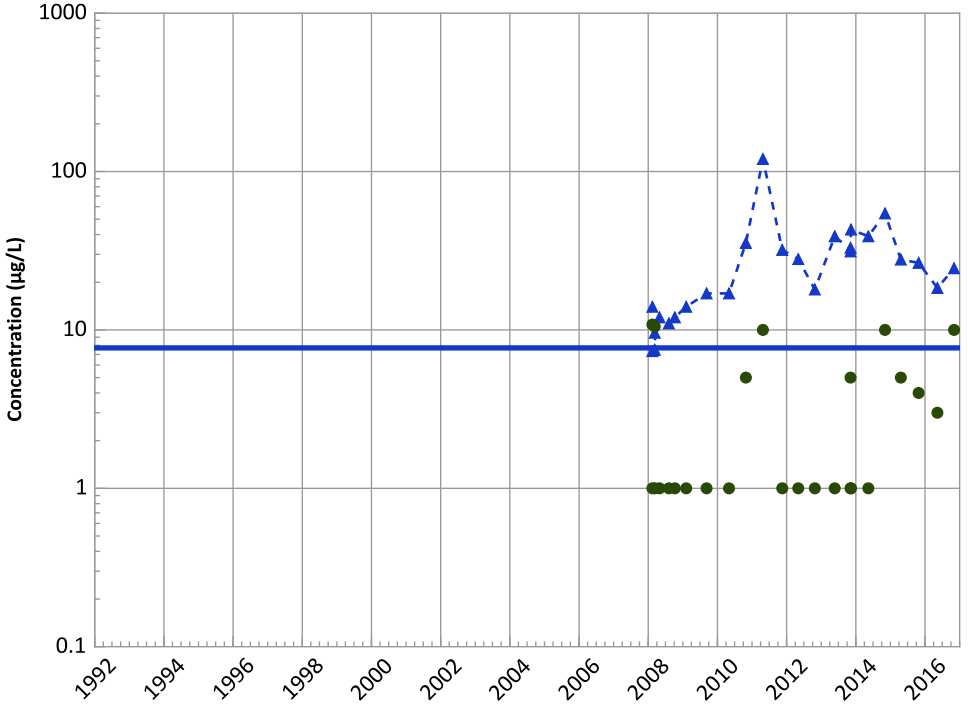


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

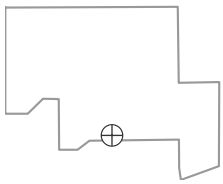
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

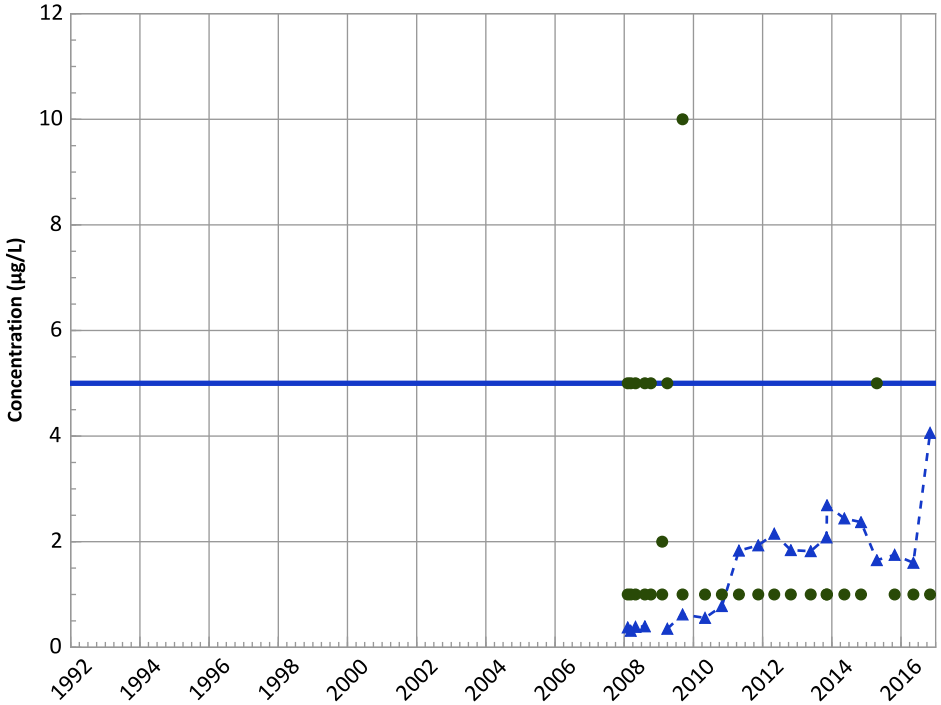
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

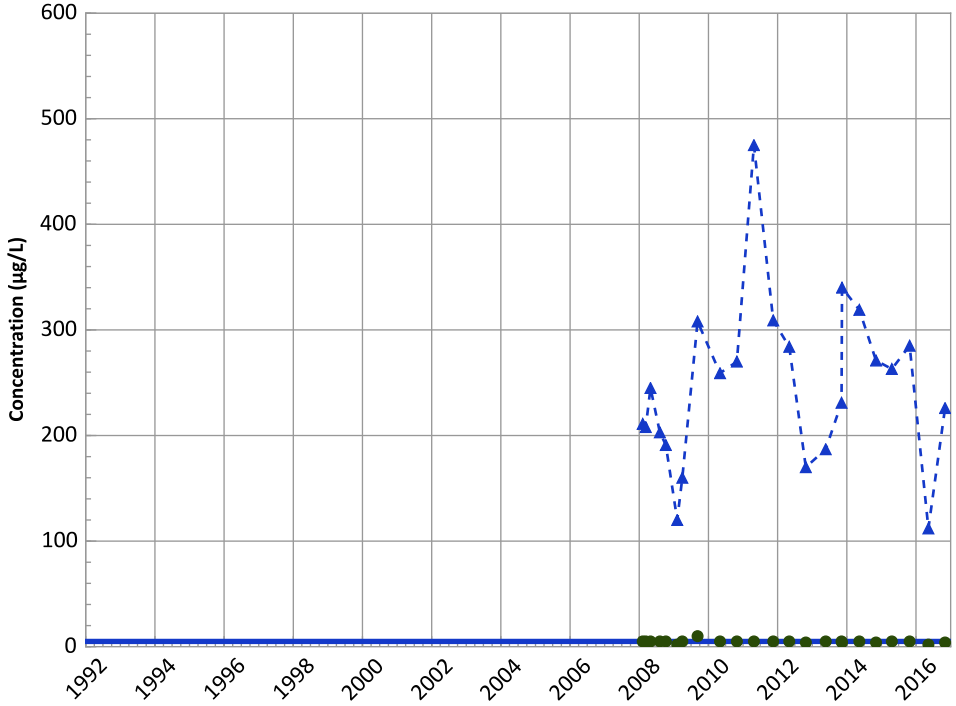


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Trichloroethene Trend



Concentration Trend

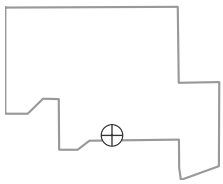
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

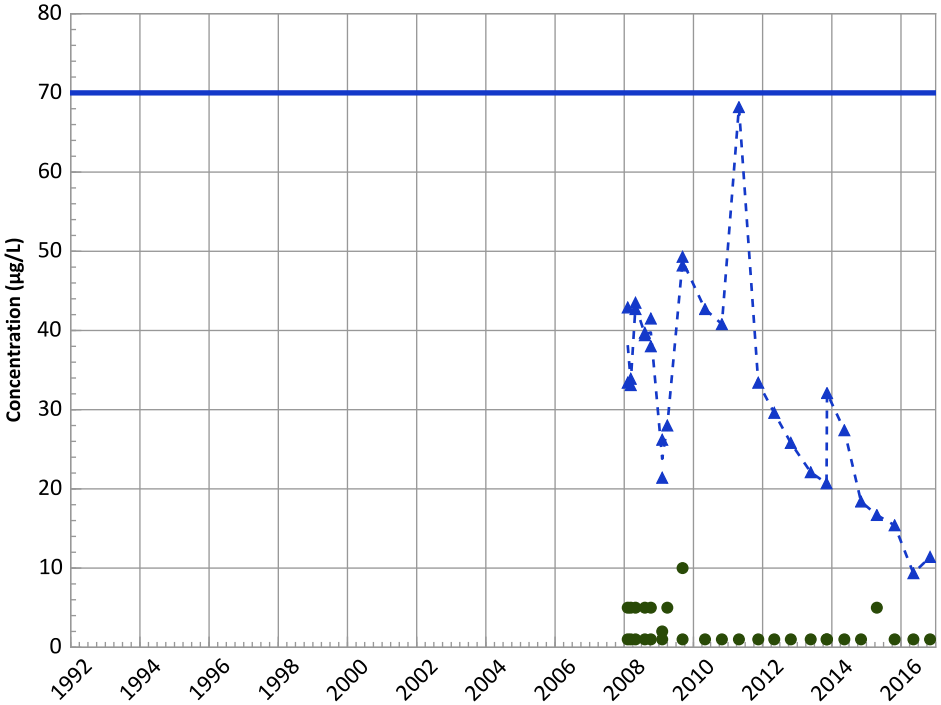
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

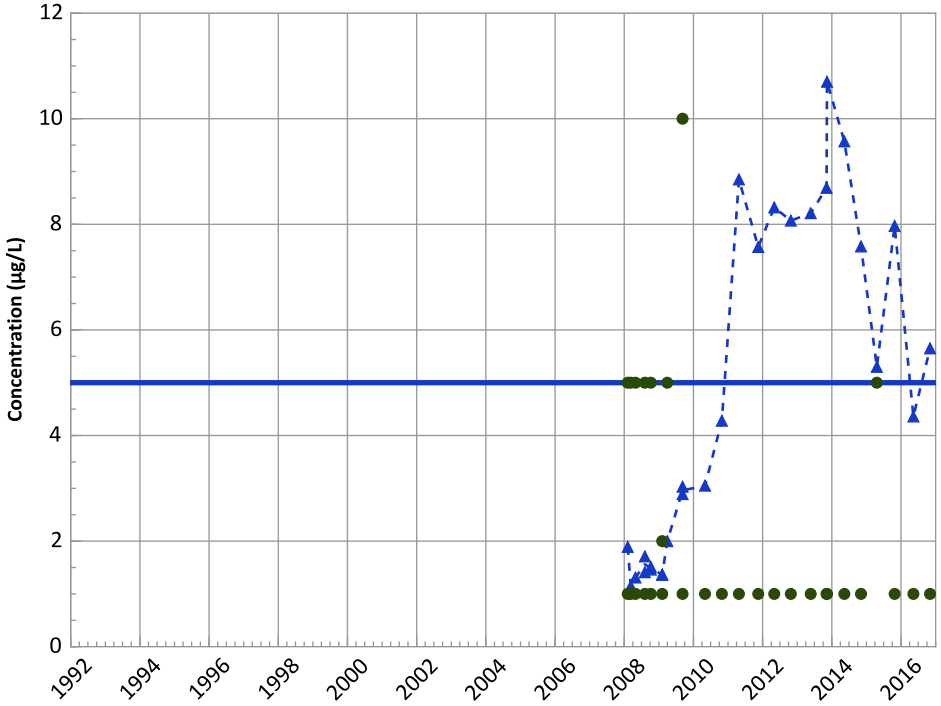


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

1,2-Dichloroethane Trend



Concentration Trend

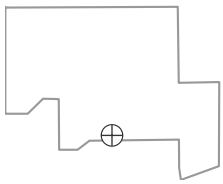
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

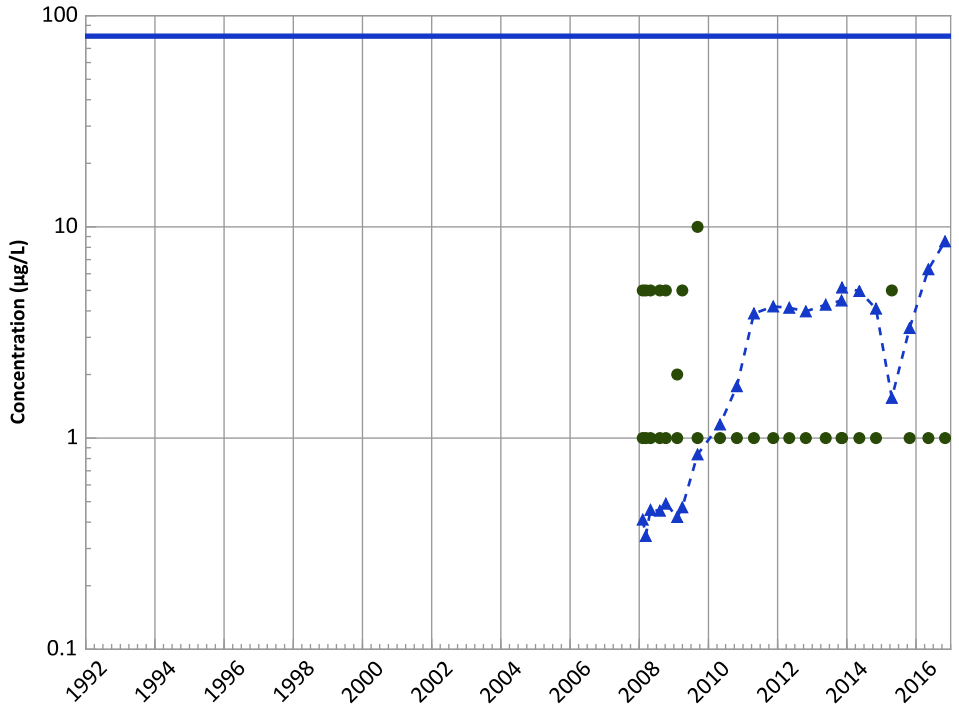
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

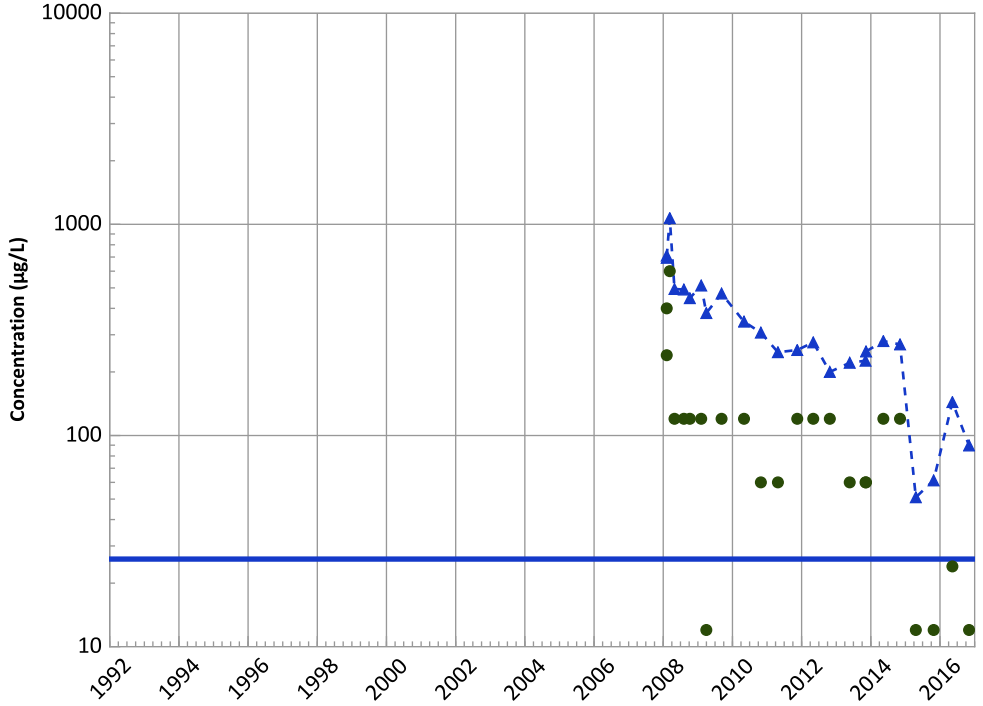


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Perchlorate Trend



Concentration Trend

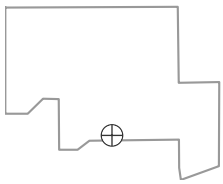
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

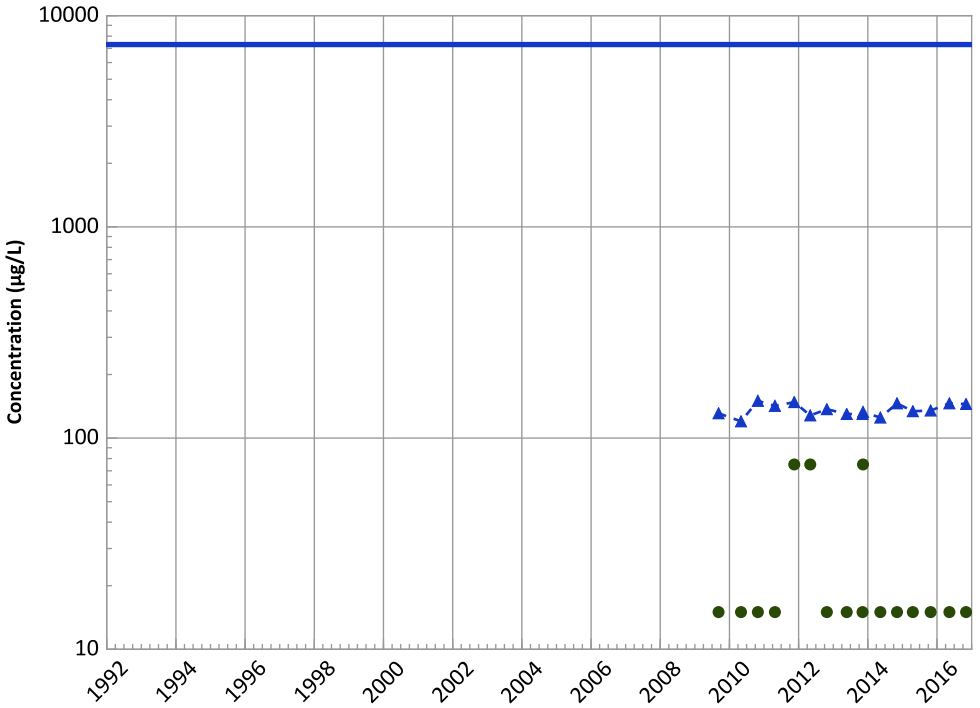
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

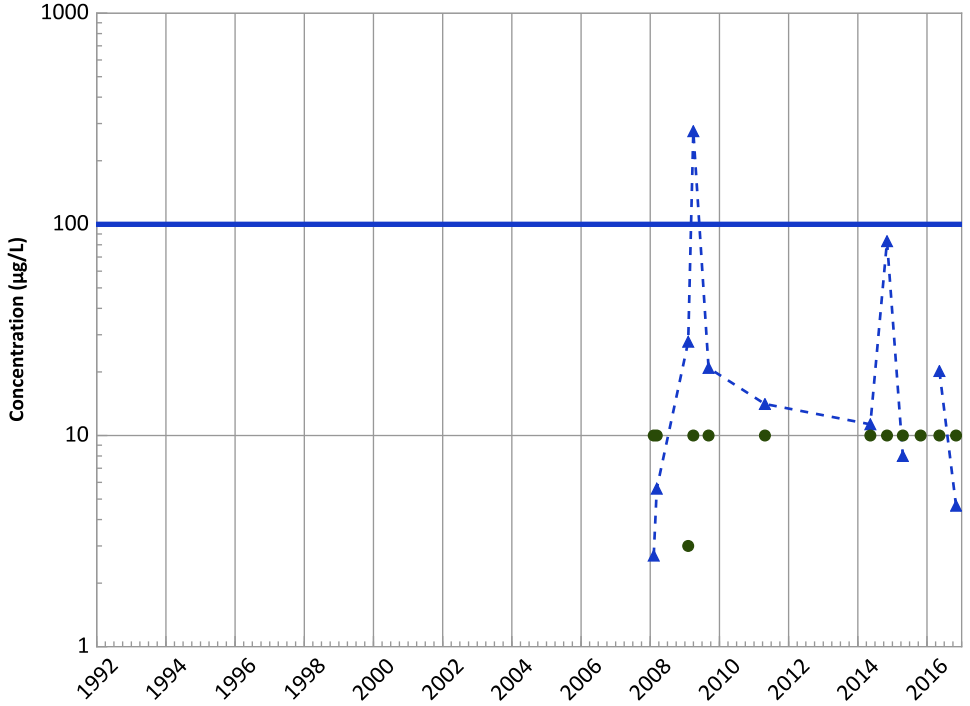


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Chromium, Total Trend



Concentration Trend

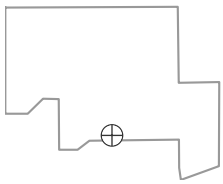
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

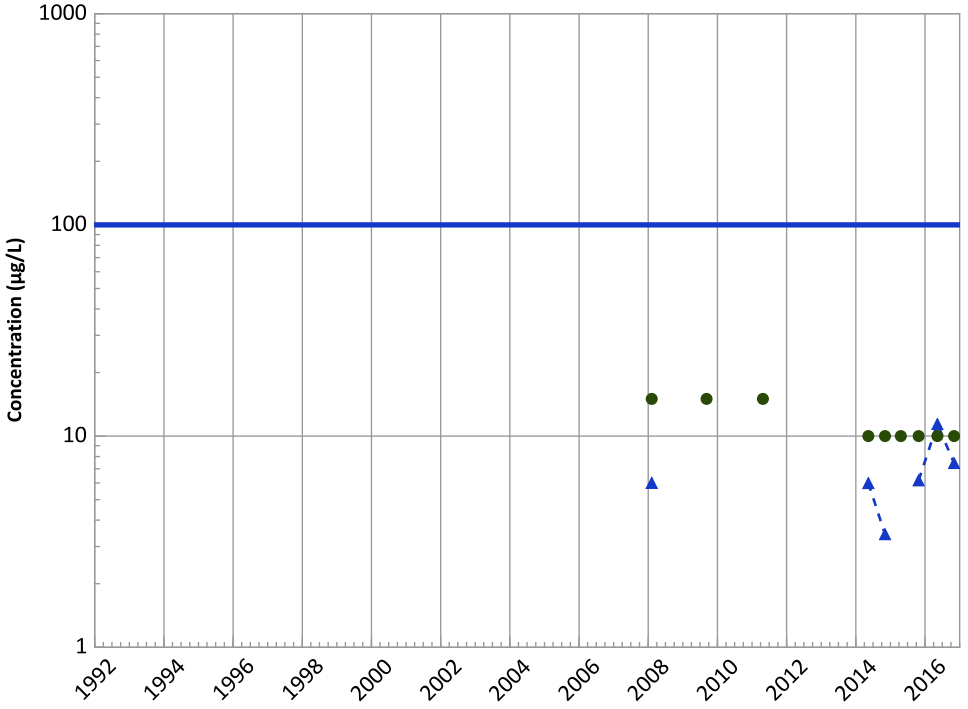
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

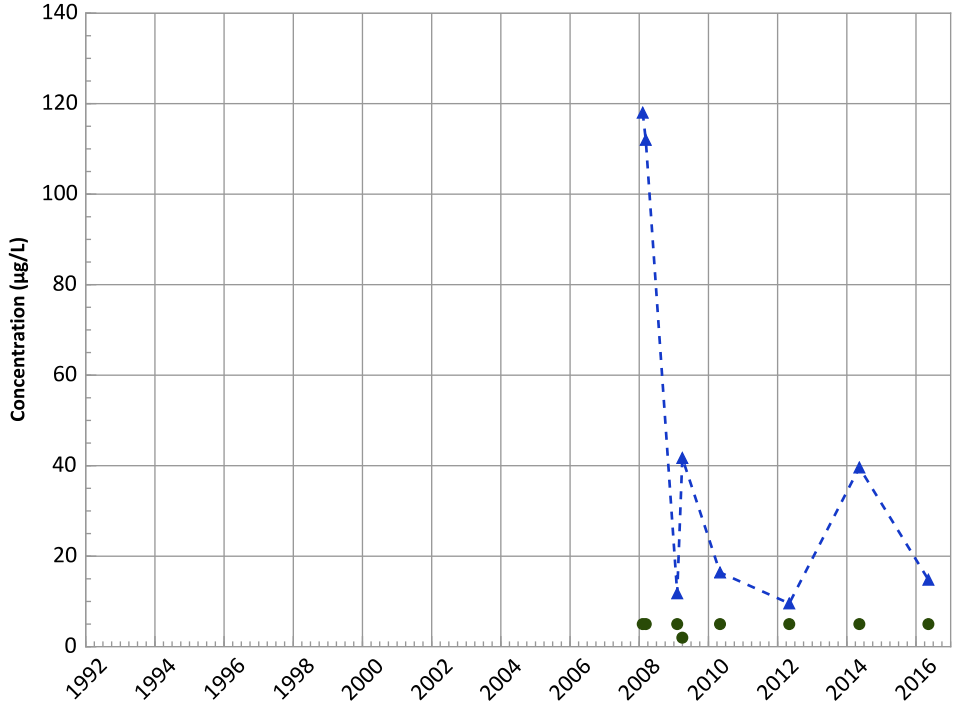


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Manganese Trend



Concentration Trend

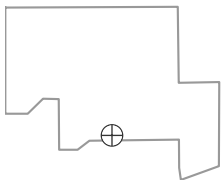
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

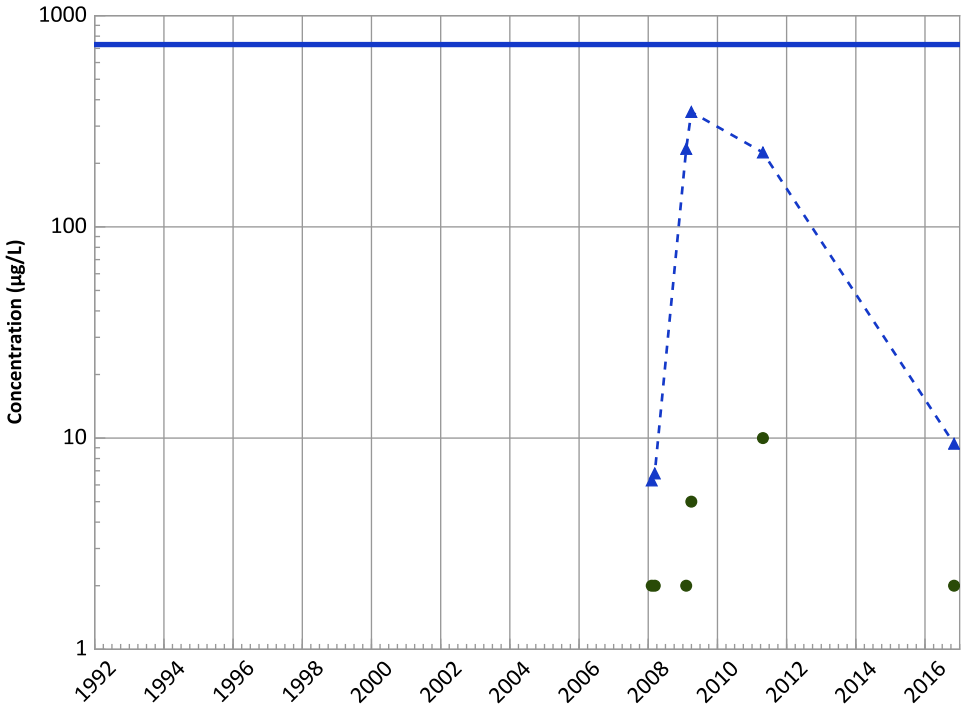
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

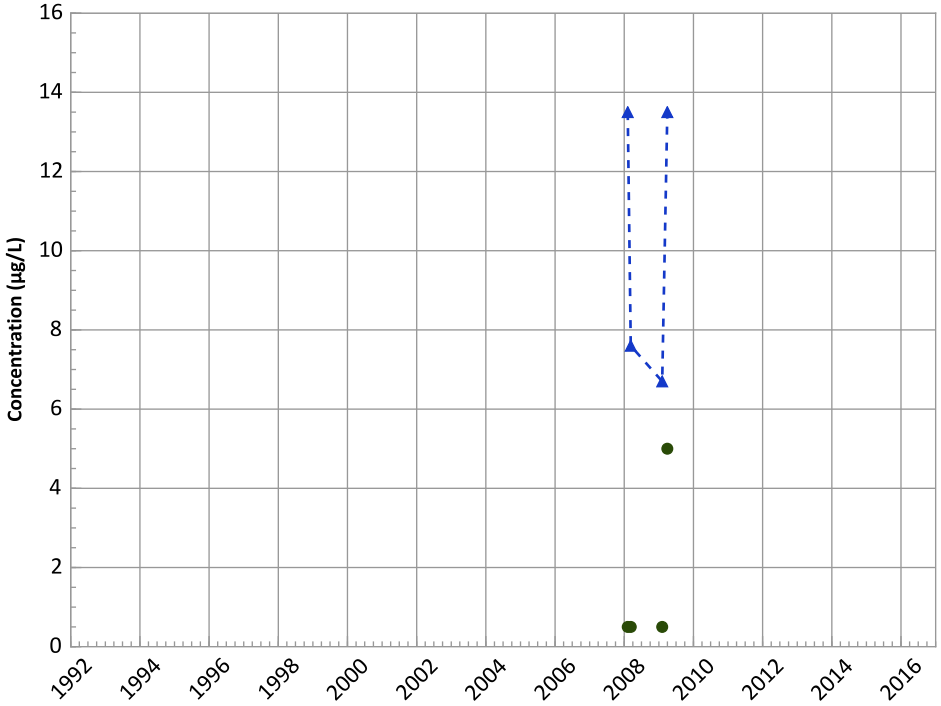


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Molybdenum Trend



Concentration Trend

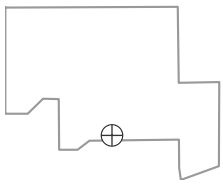
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

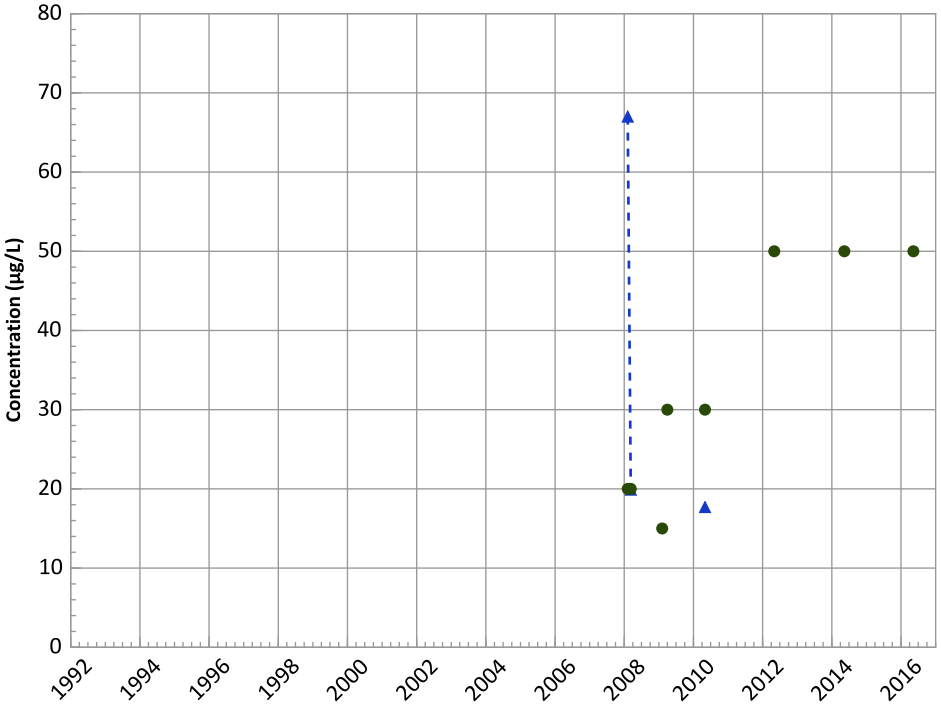
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

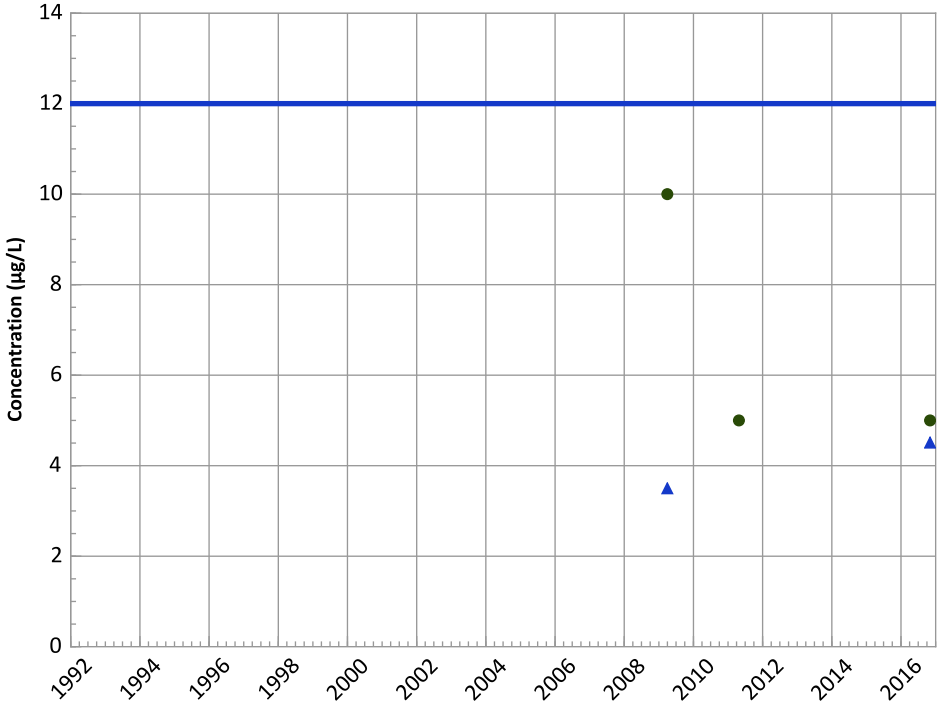


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

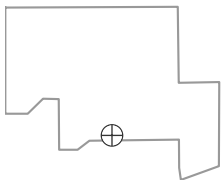
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

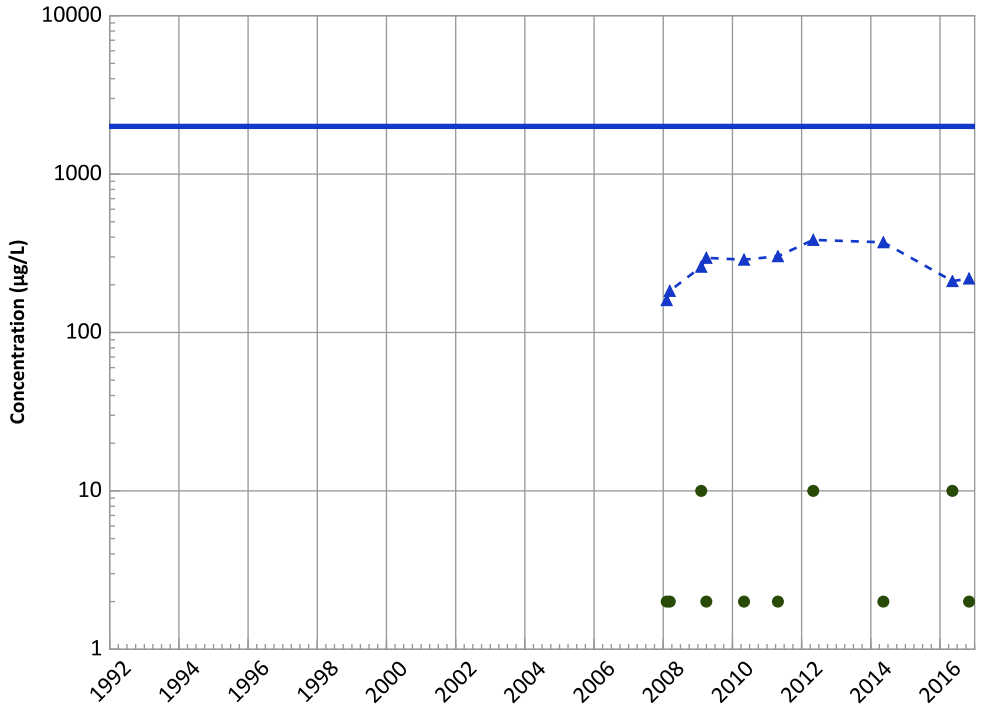
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

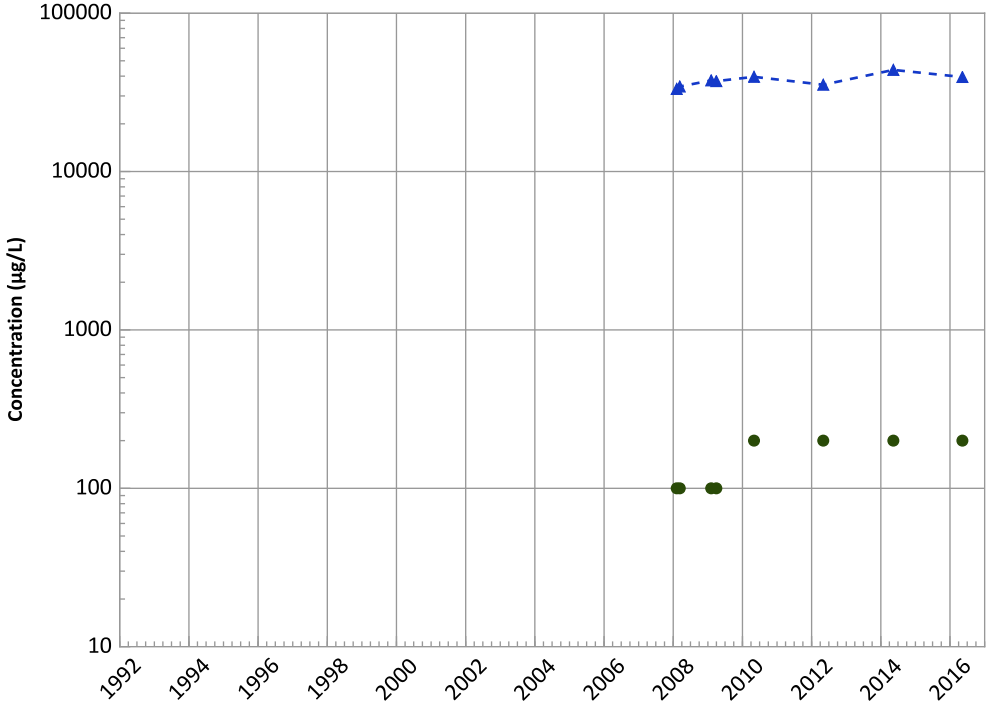


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

Calcium Trend



Concentration Trend

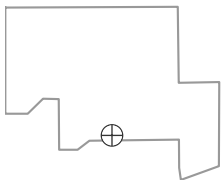
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

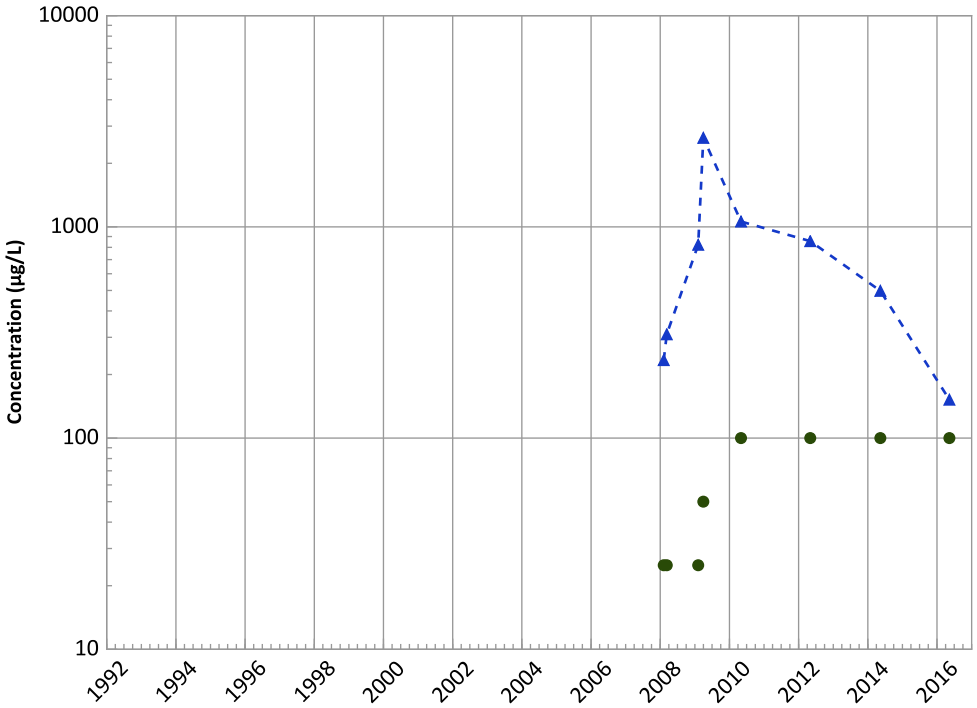
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

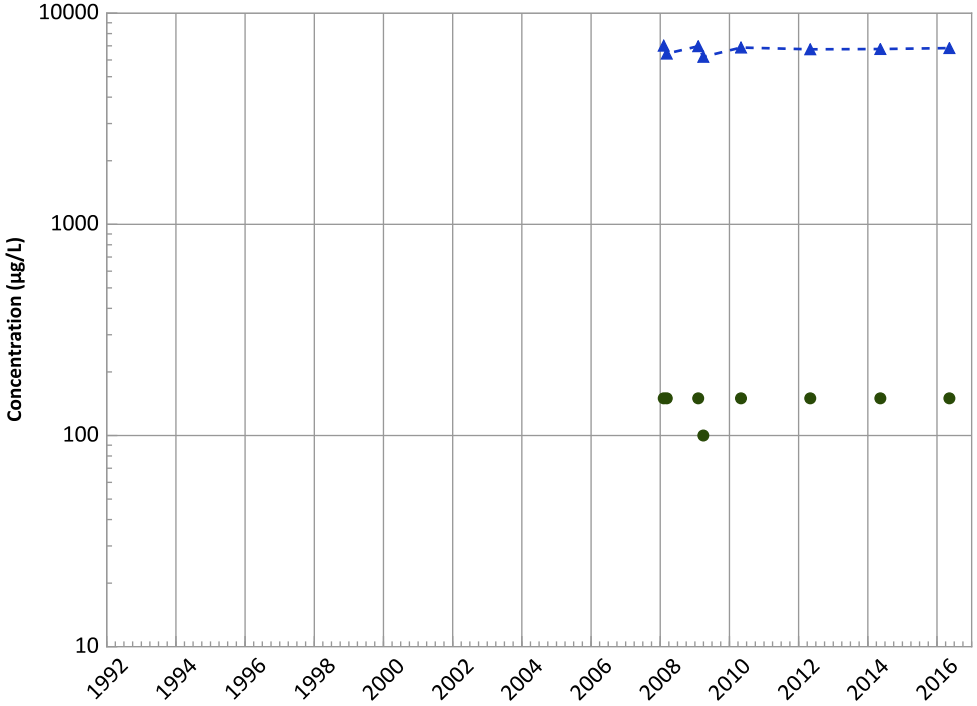


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Stable

Potassium Trend



Concentration Trend

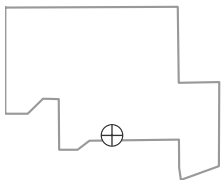
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

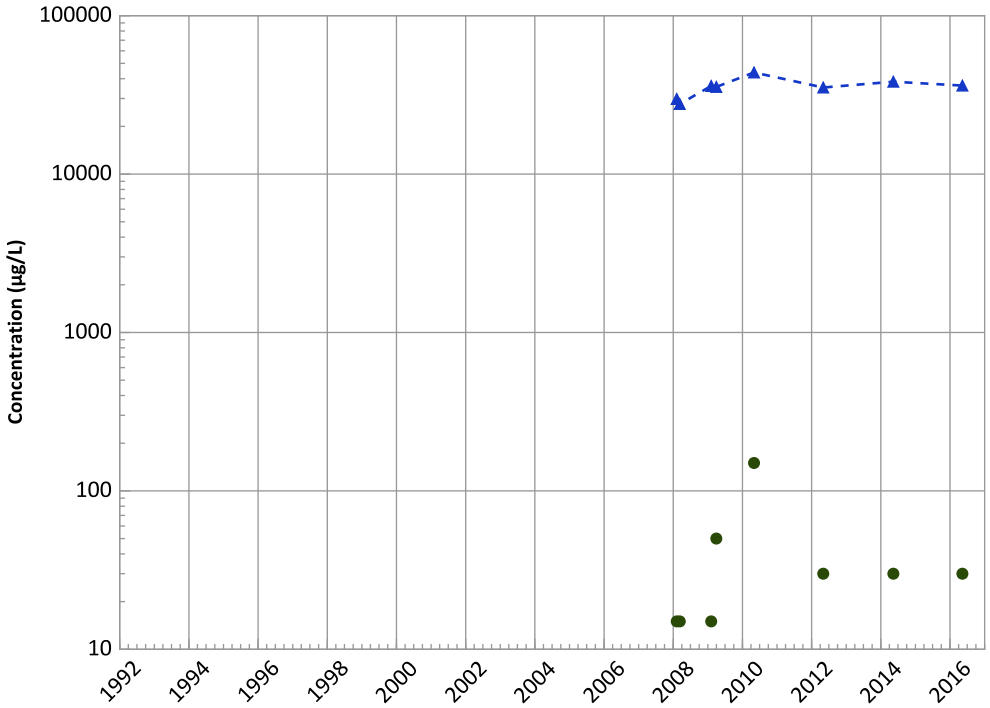
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

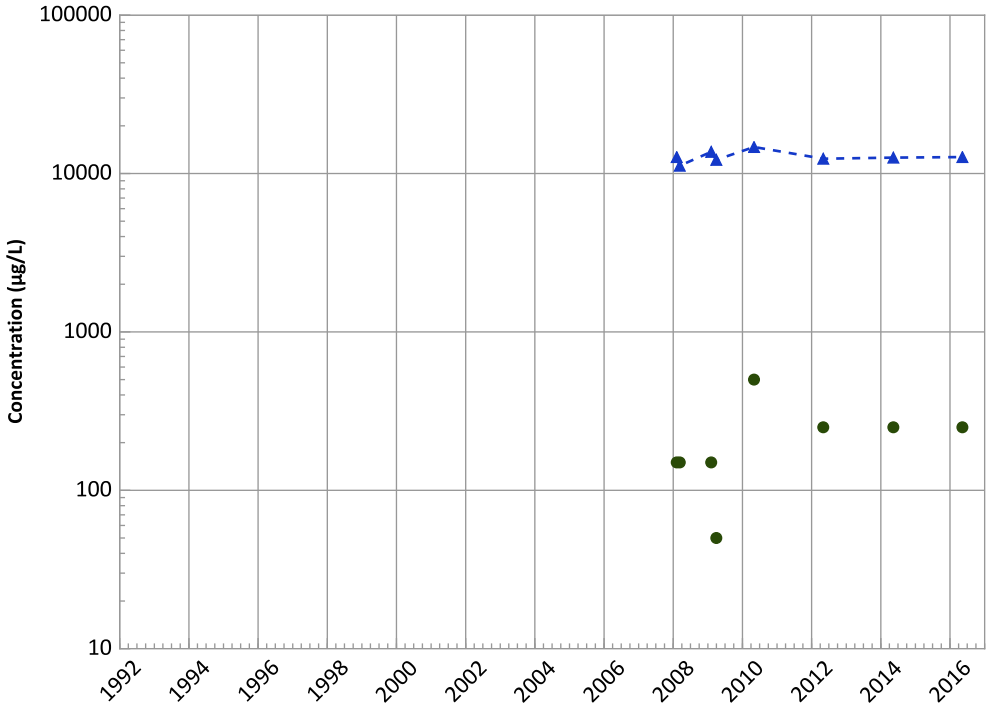


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

Sodium Trend



Concentration Trend

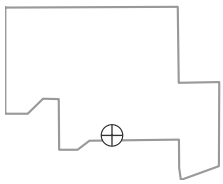
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

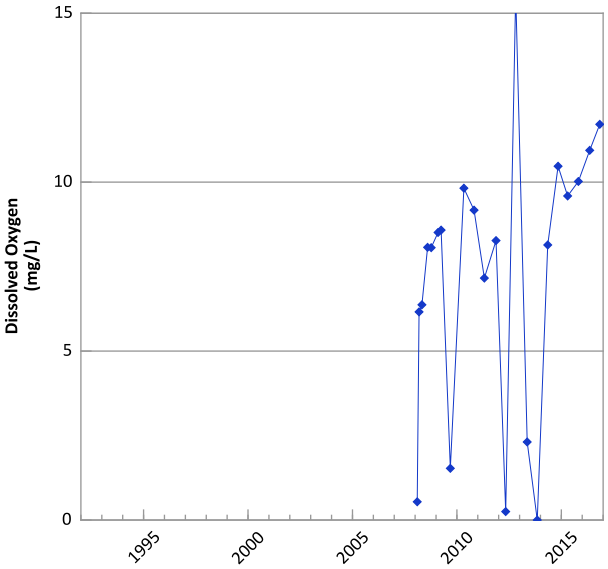
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

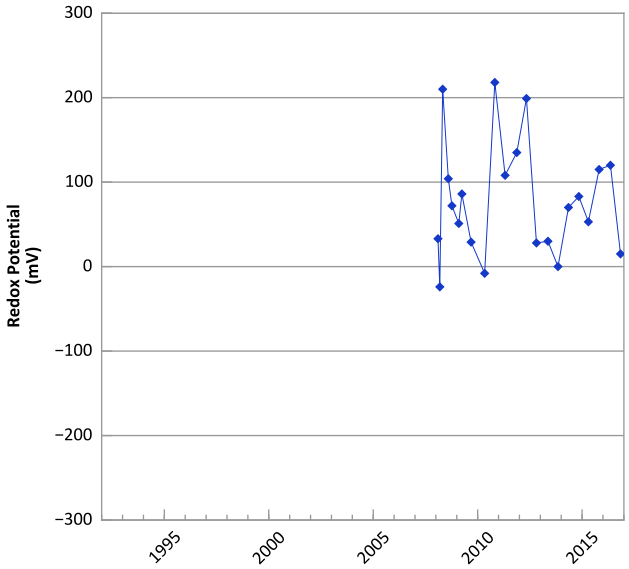
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

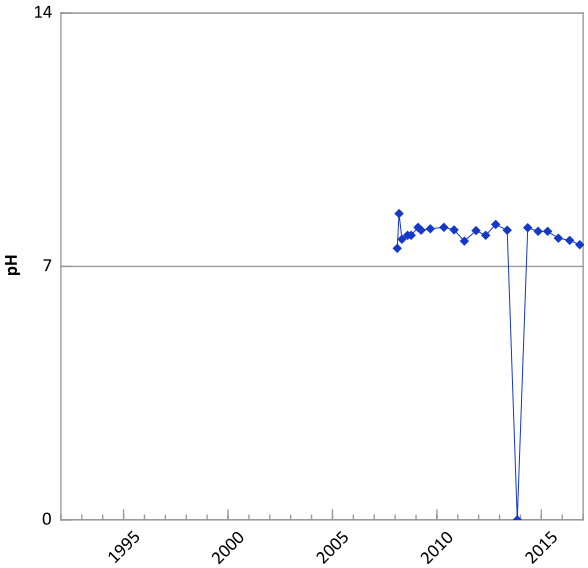
Well Location

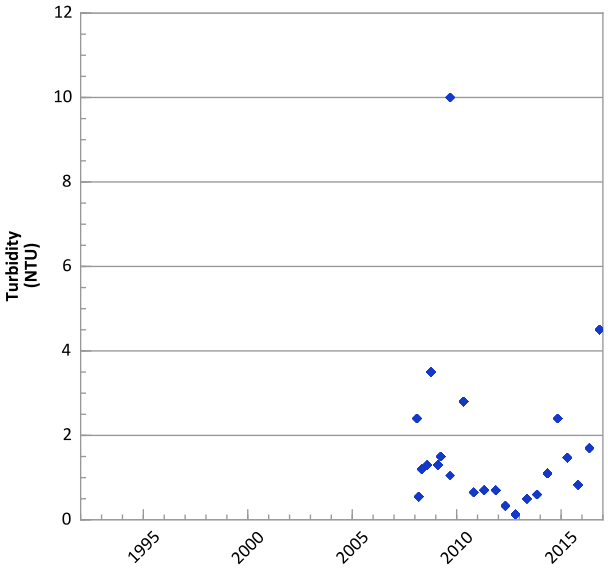


PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



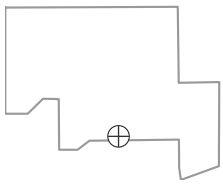






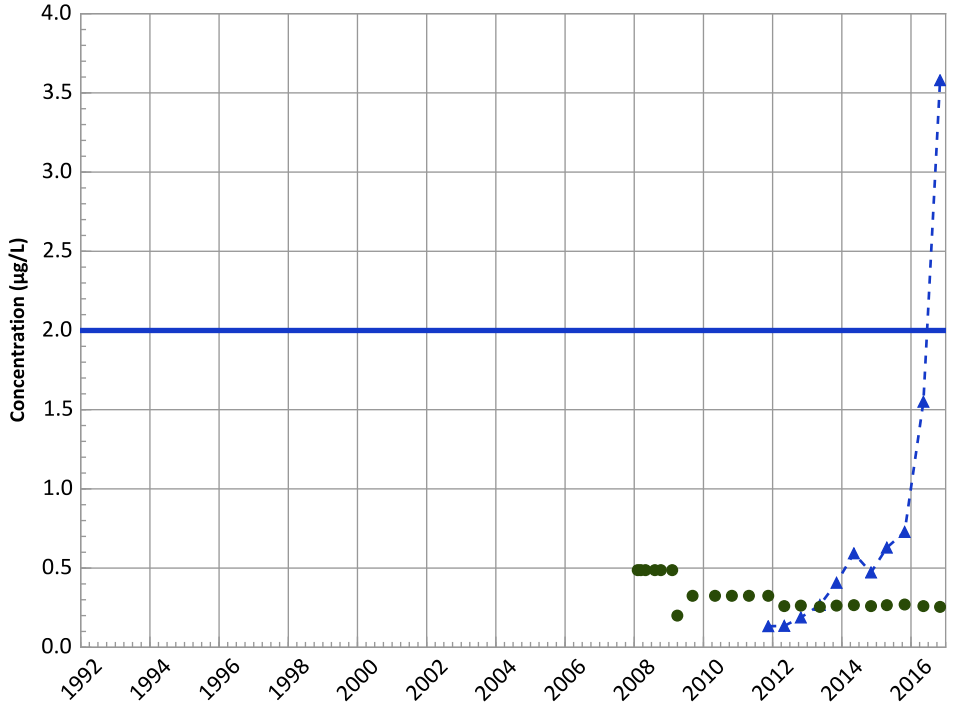
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

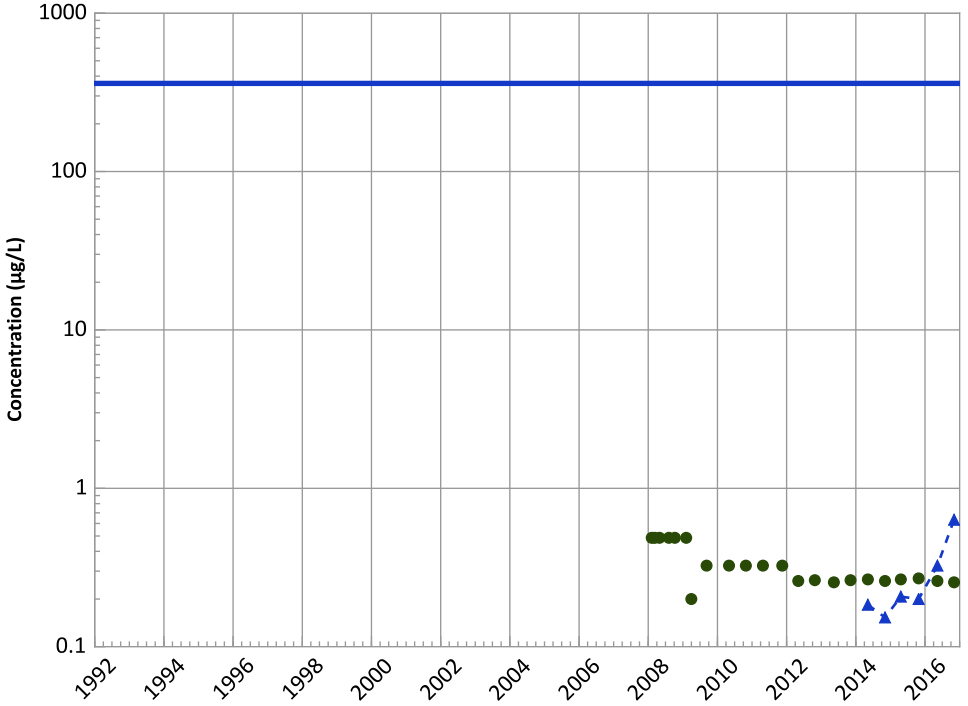


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

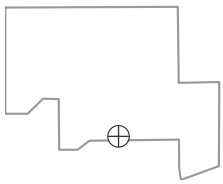
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

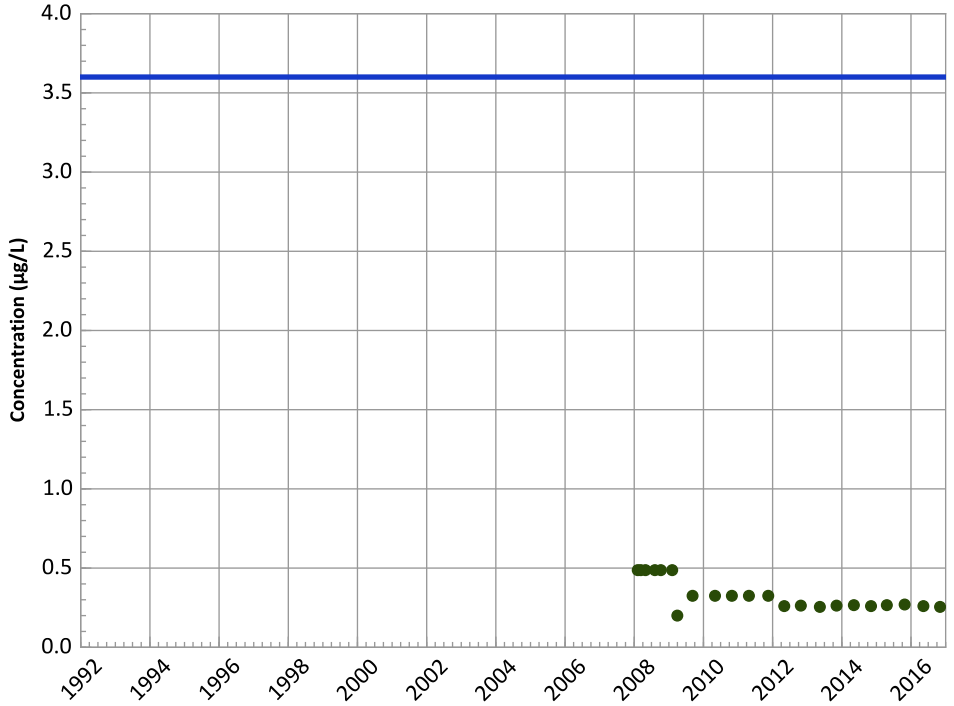
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

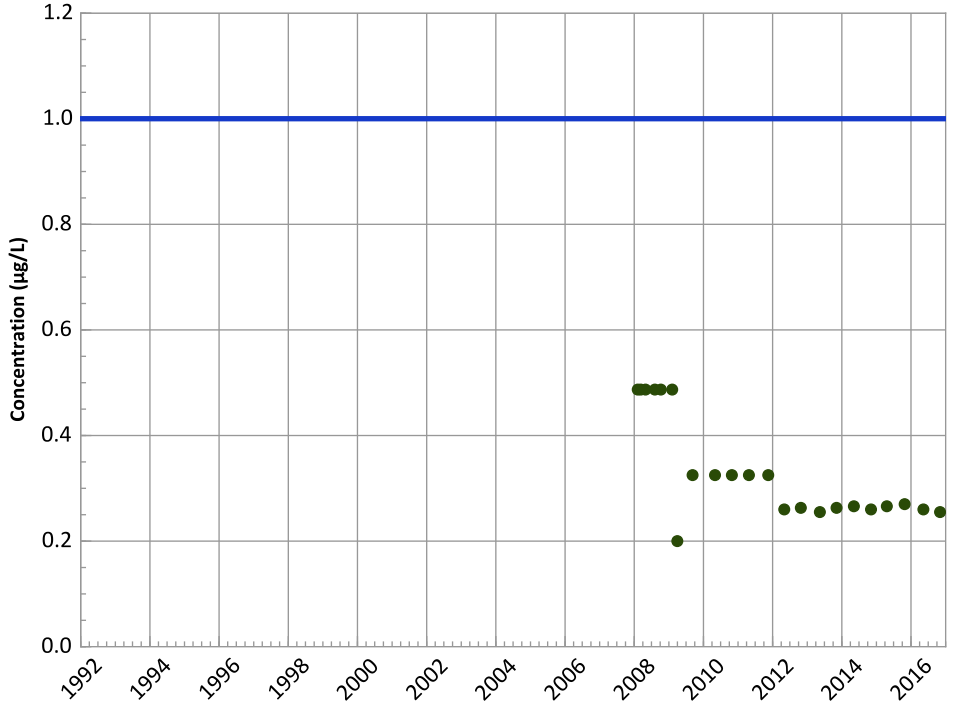


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

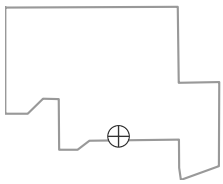
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

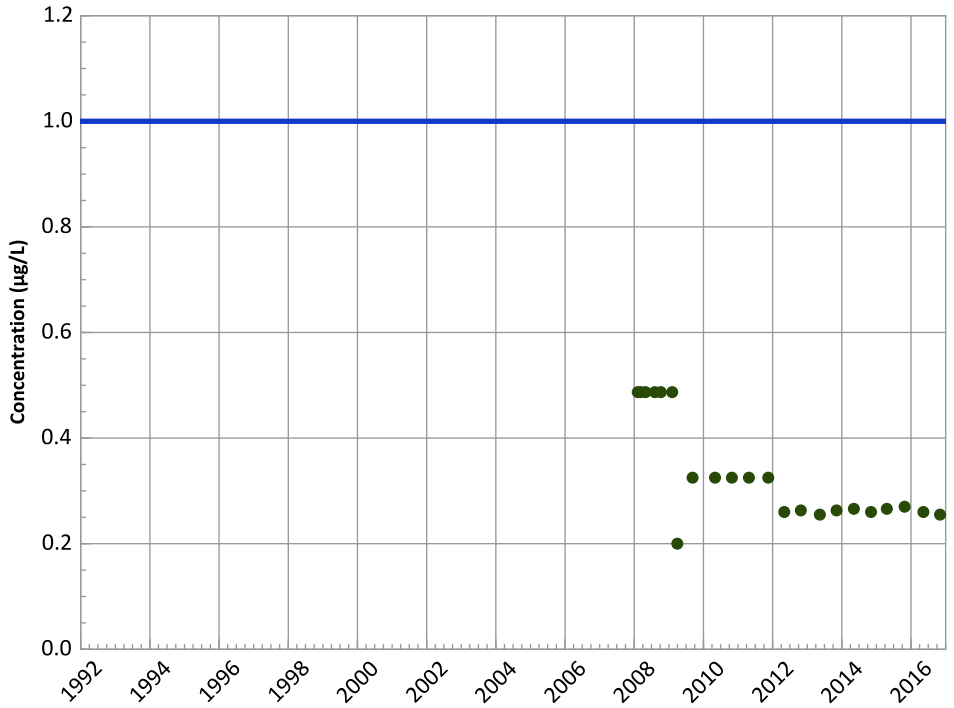
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

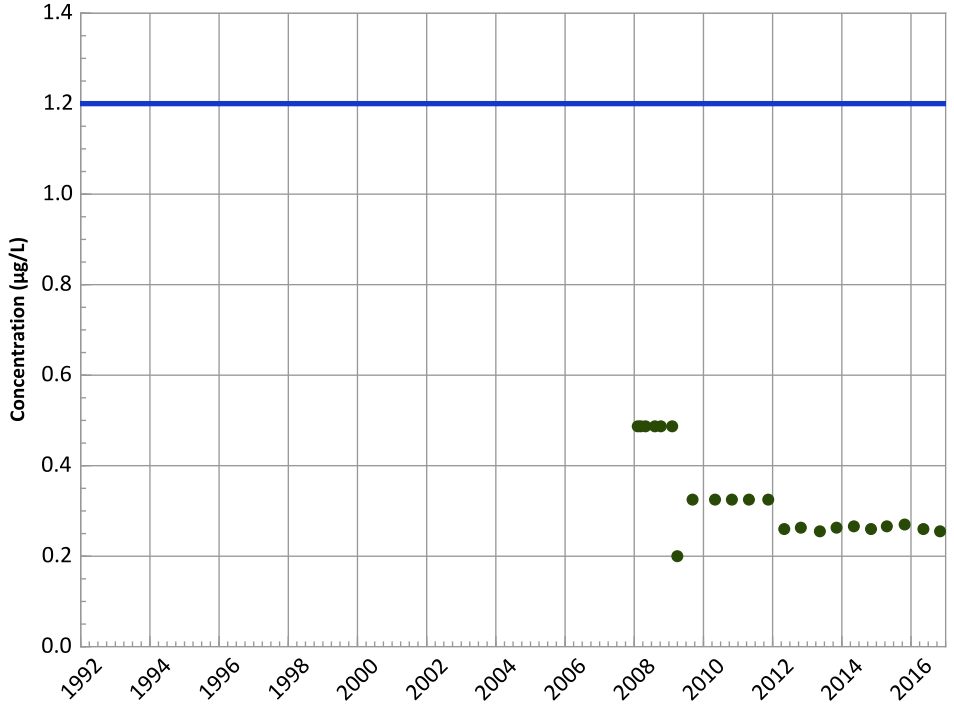


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

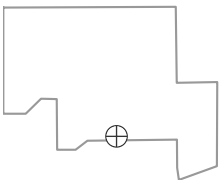
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

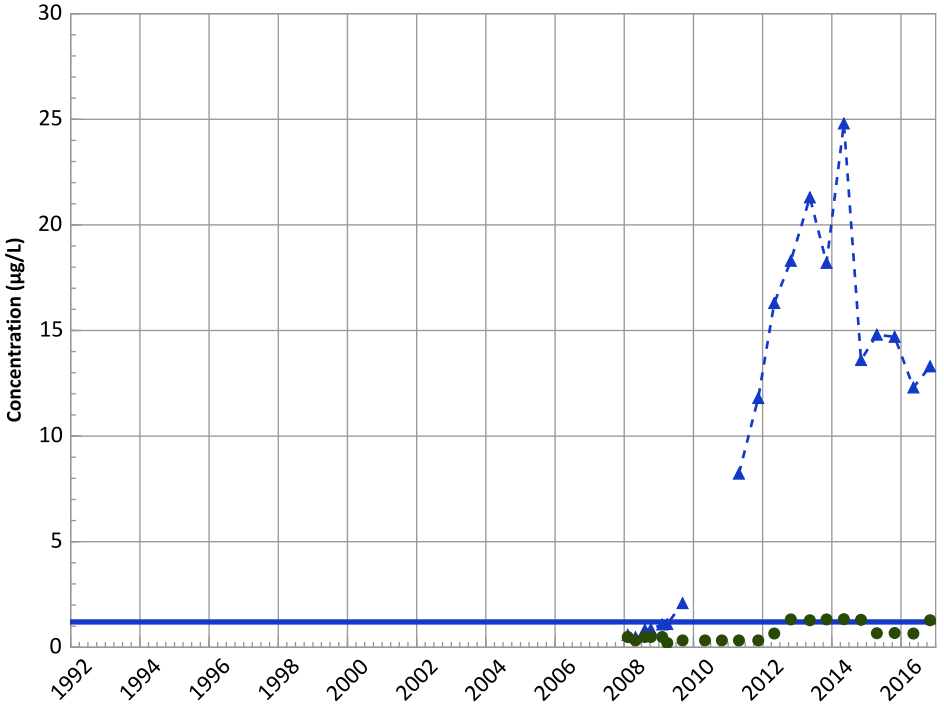
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

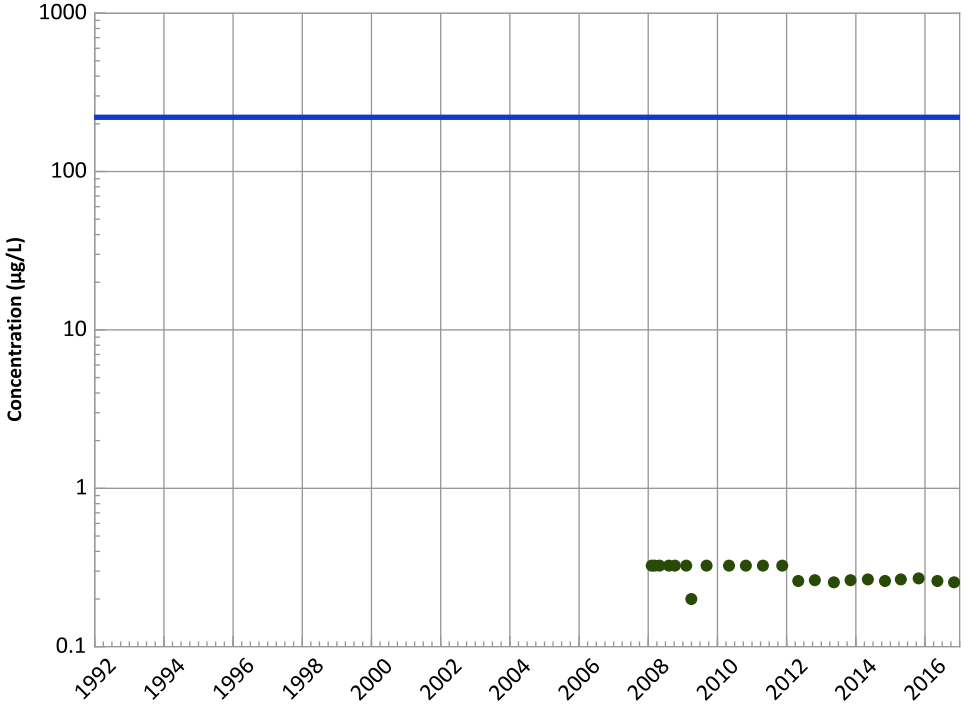


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

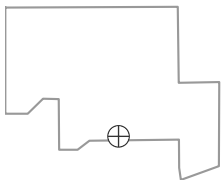
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

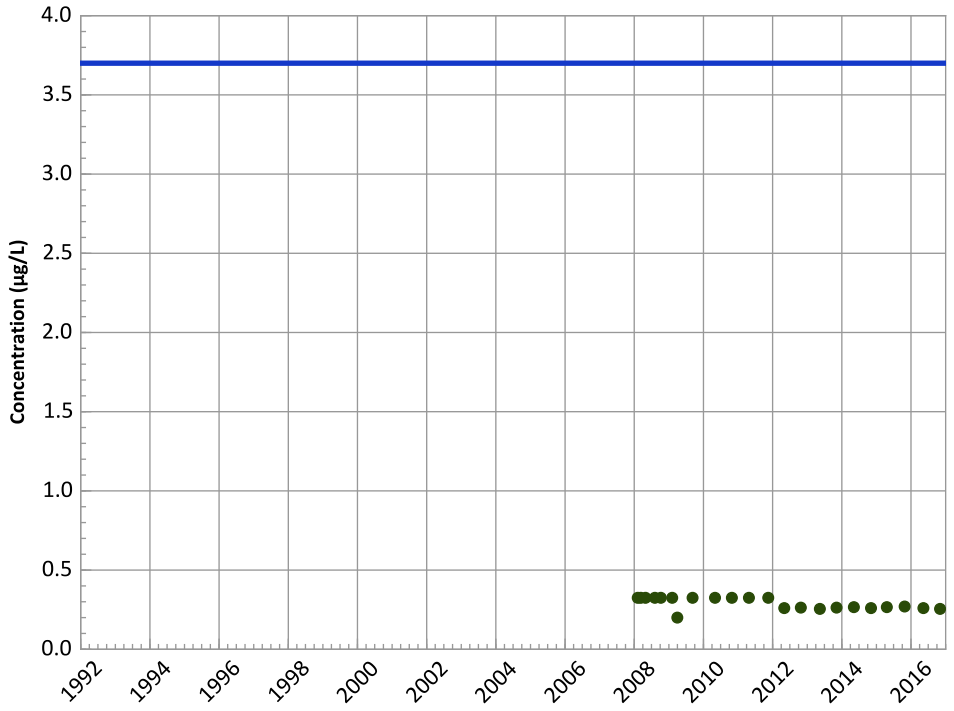
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

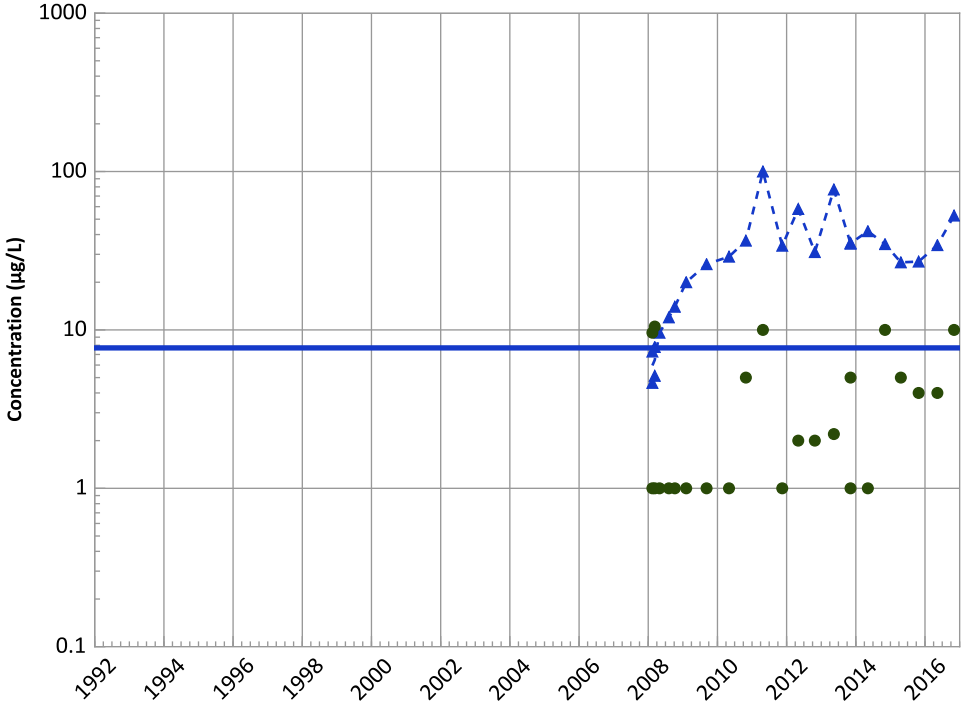


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

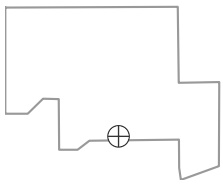
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

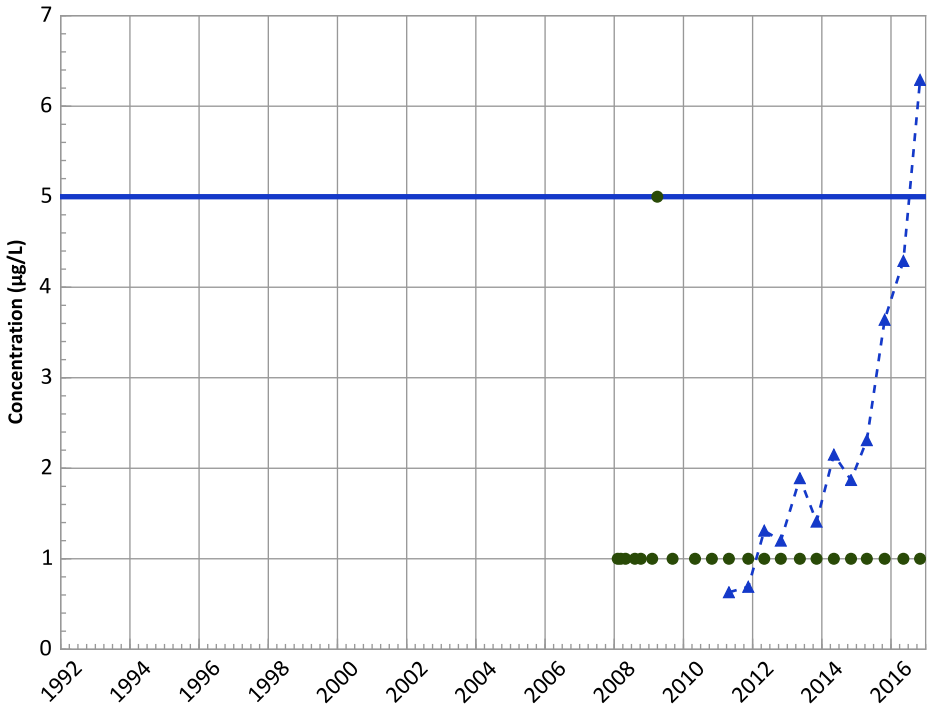
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

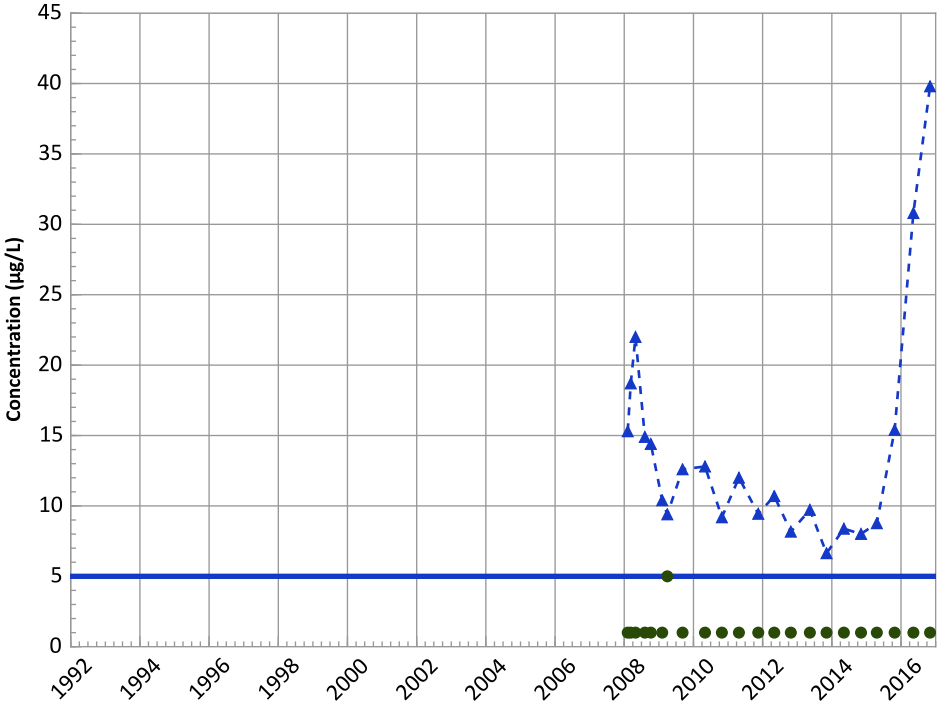


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Trichloroethene Trend



Concentration Trend

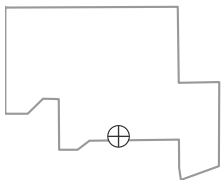
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

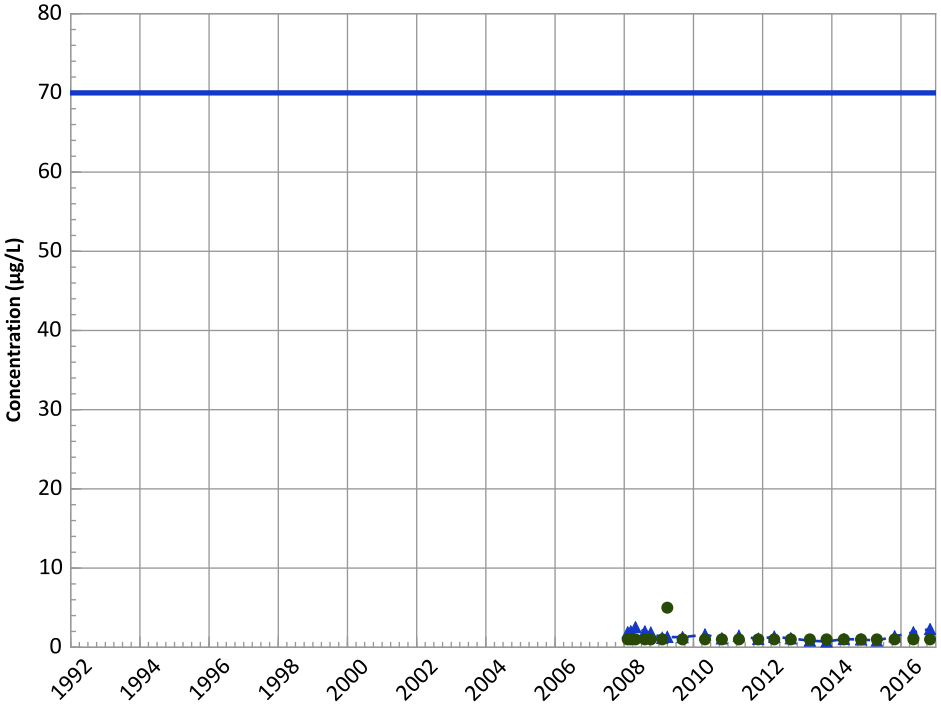
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

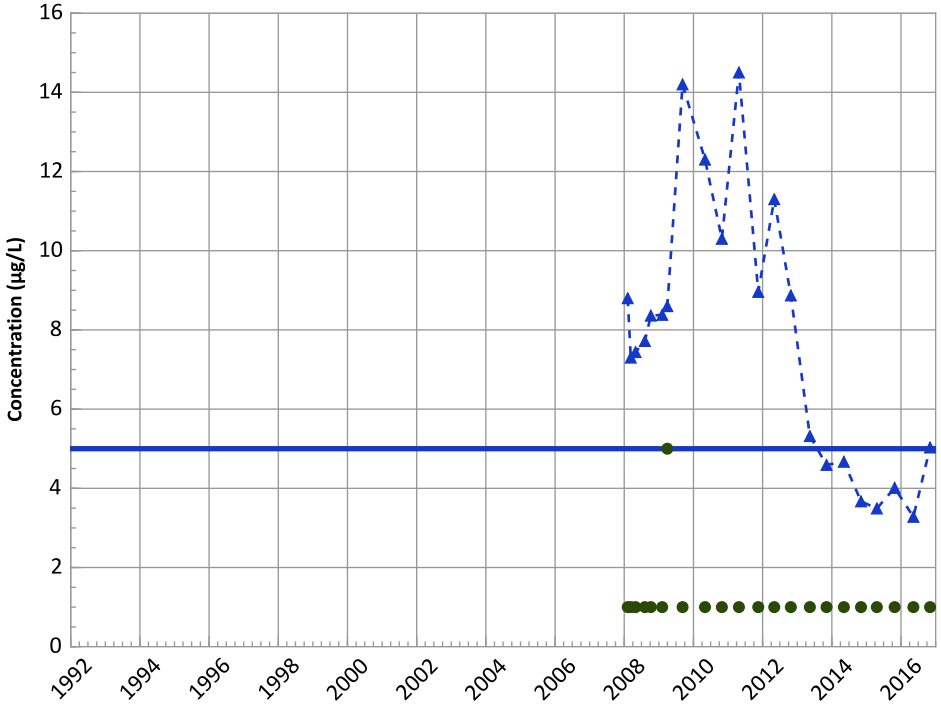


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

1,2-Dichloroethane Trend



Concentration Trend

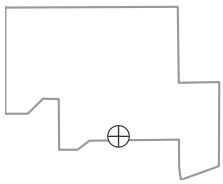
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

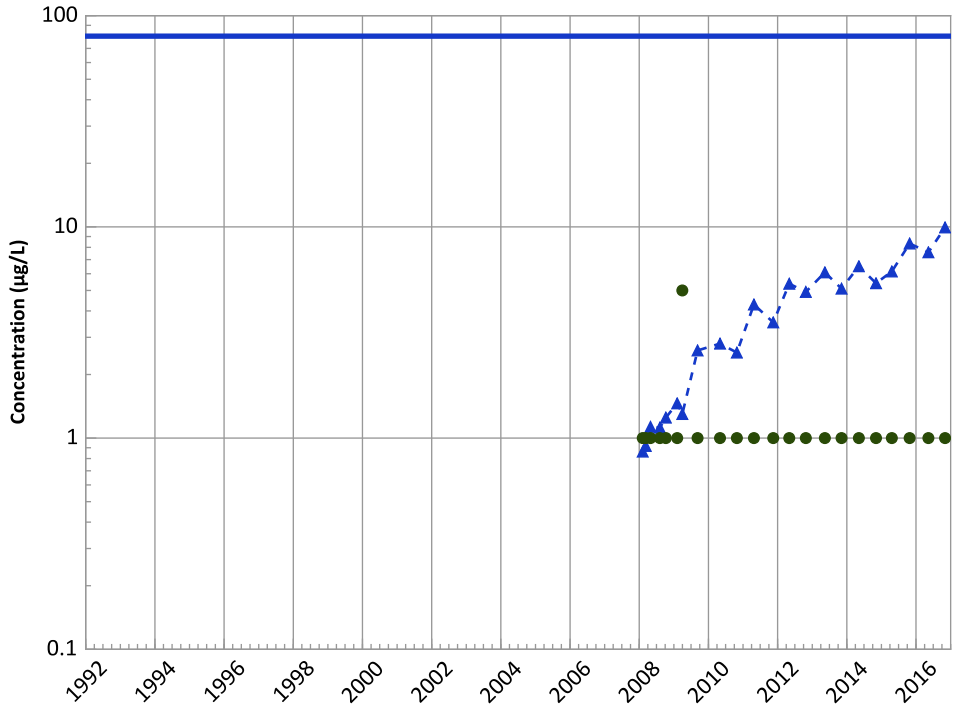
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

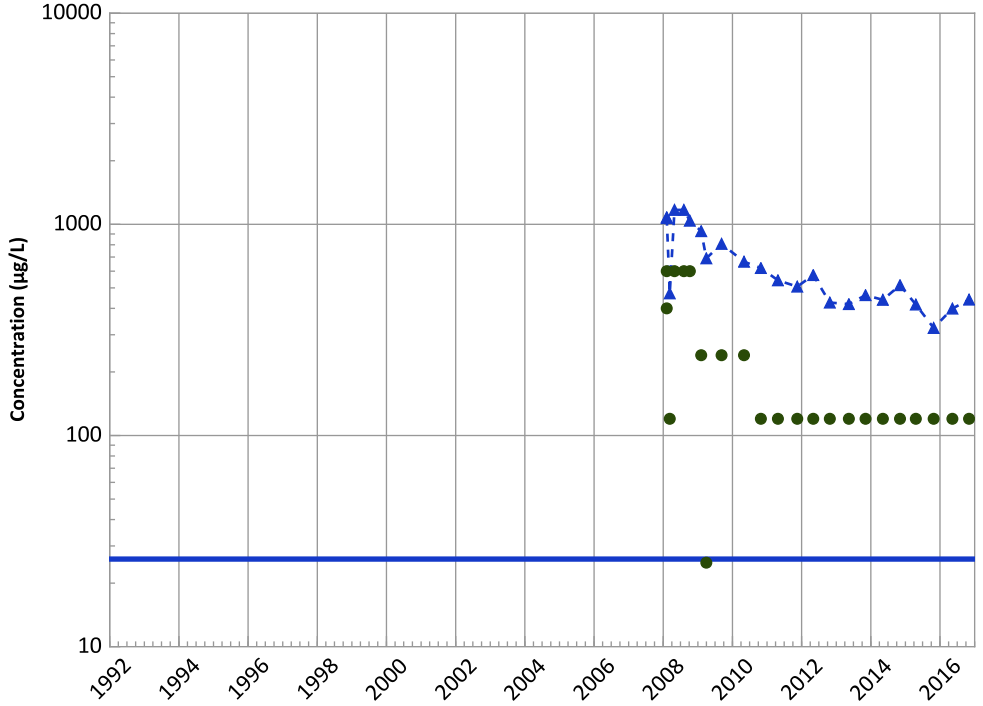


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Perchlorate Trend



Concentration Trend

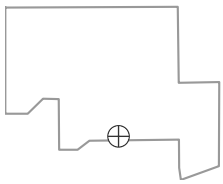
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

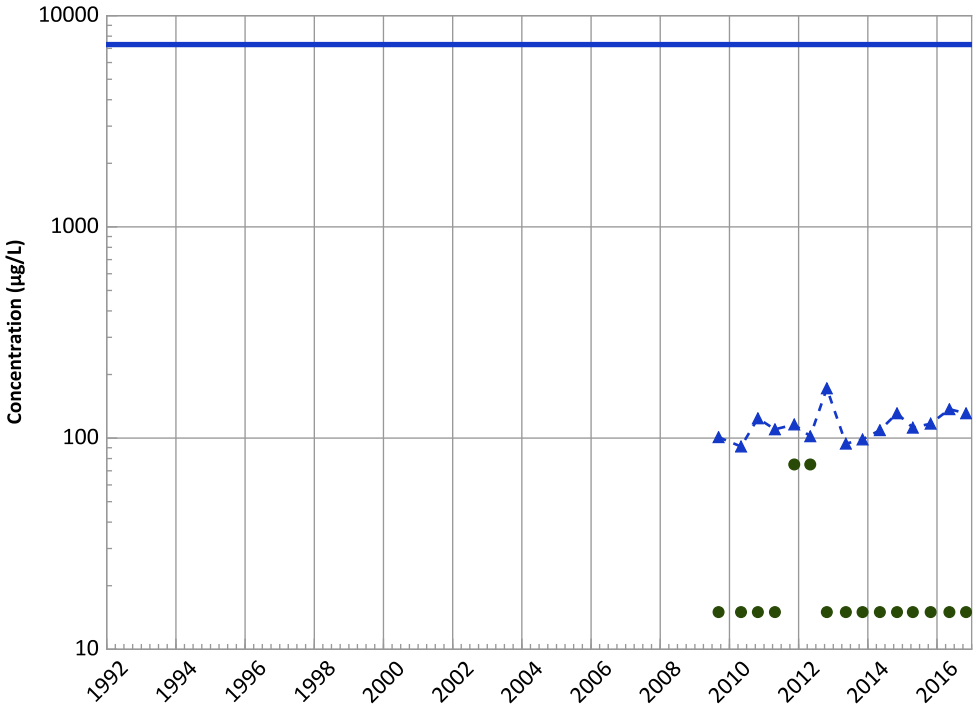
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

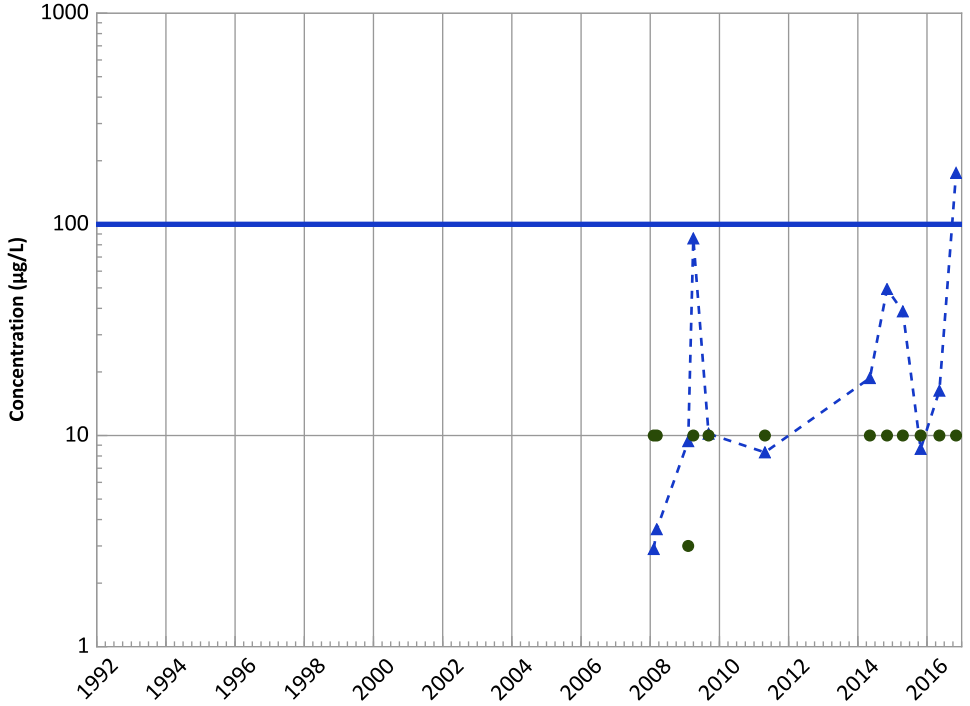


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

Chromium, Total Trend



Concentration Trend

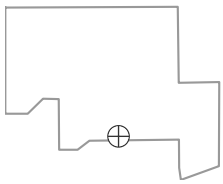
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

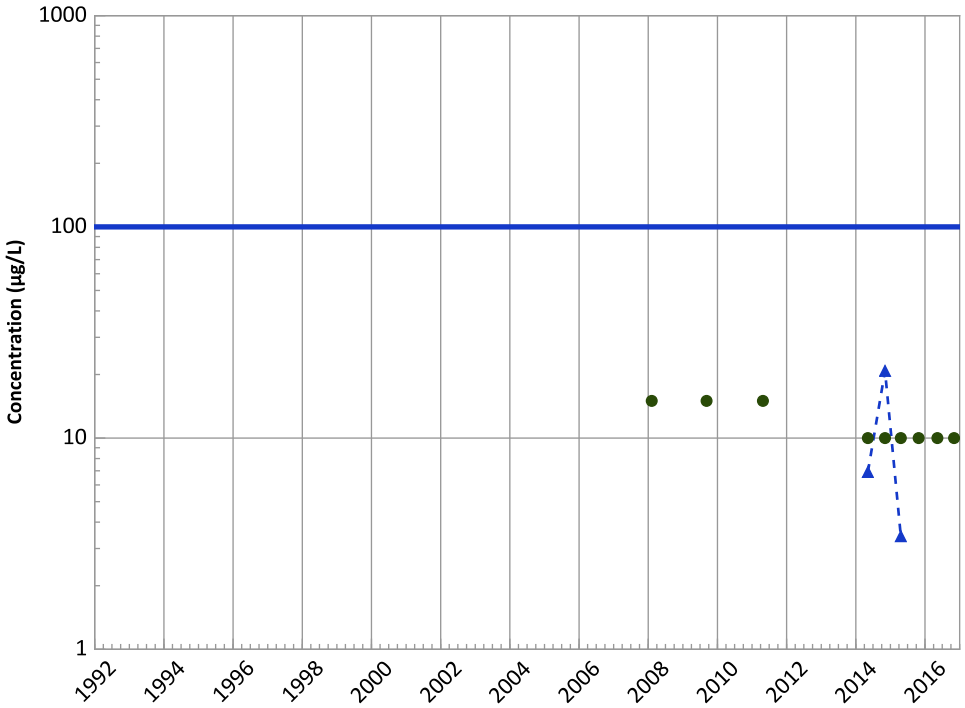
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

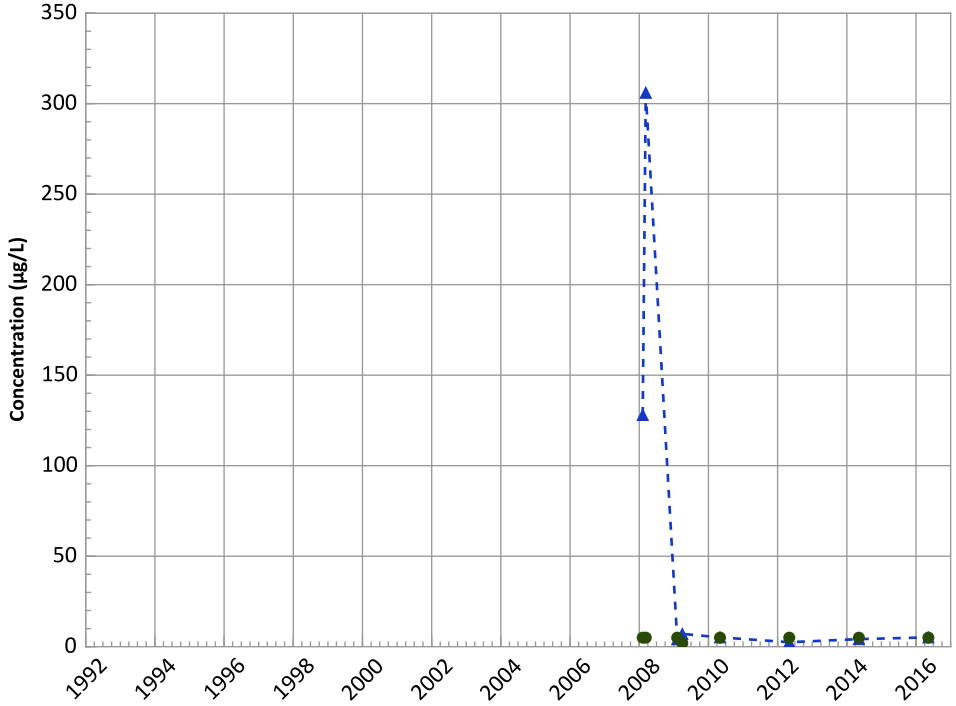


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

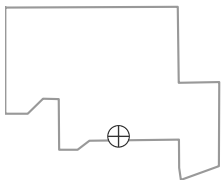
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

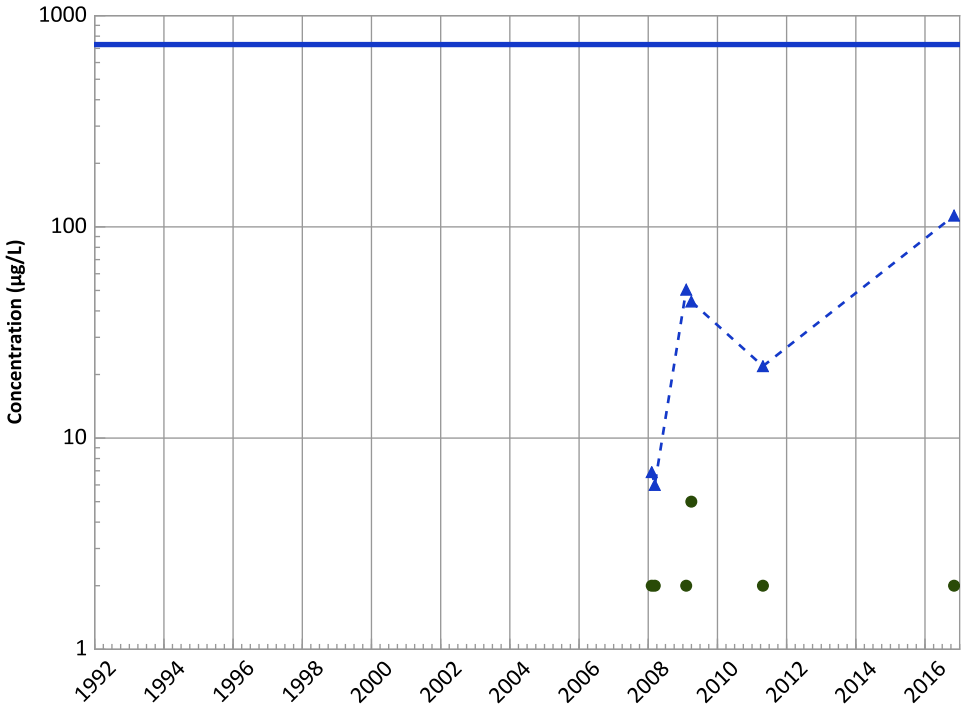
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

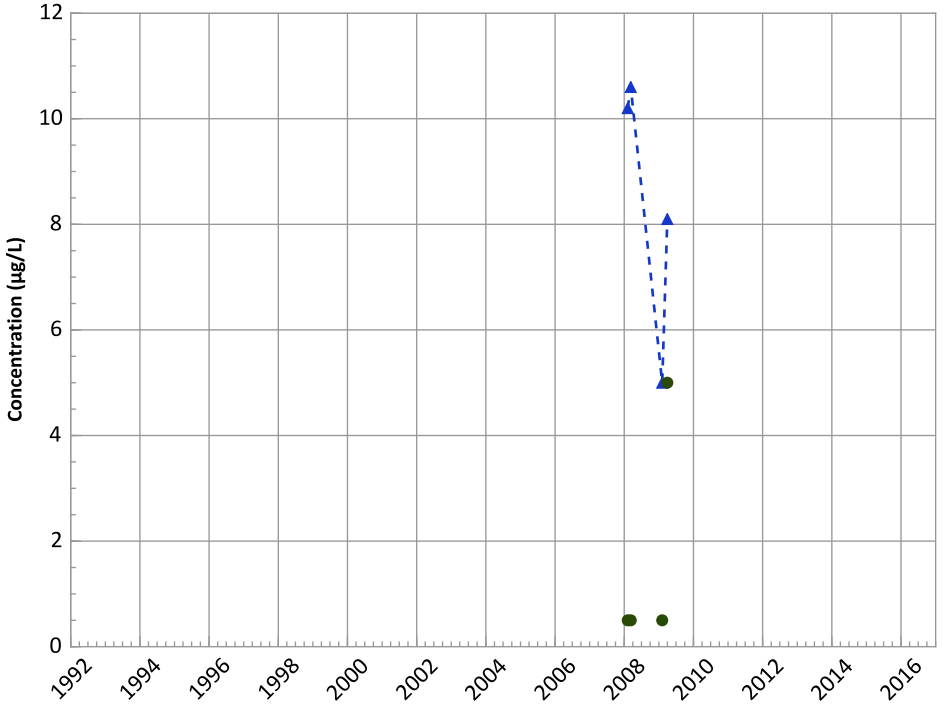


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Increasing

Molybdenum Trend



Concentration Trend

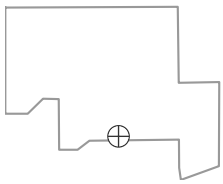
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

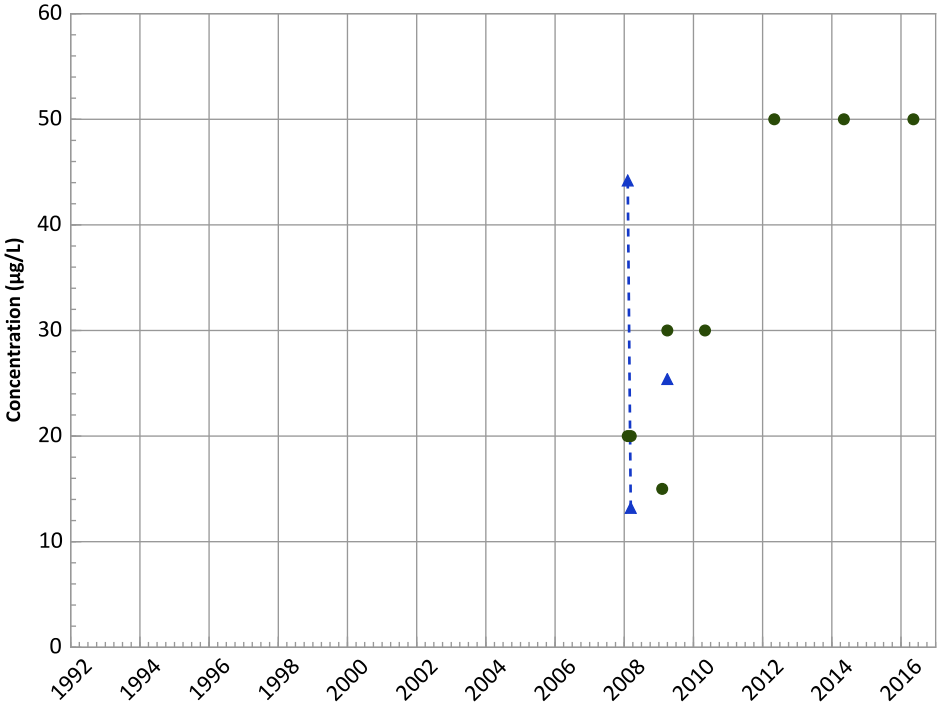
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

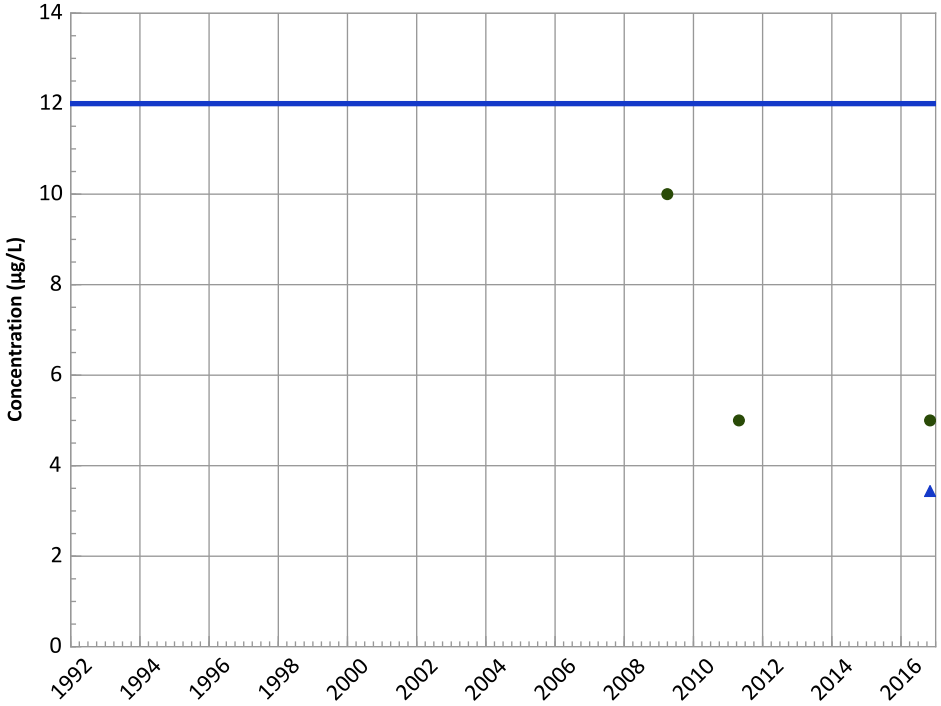


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

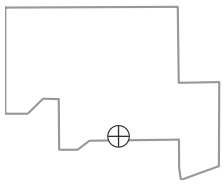
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

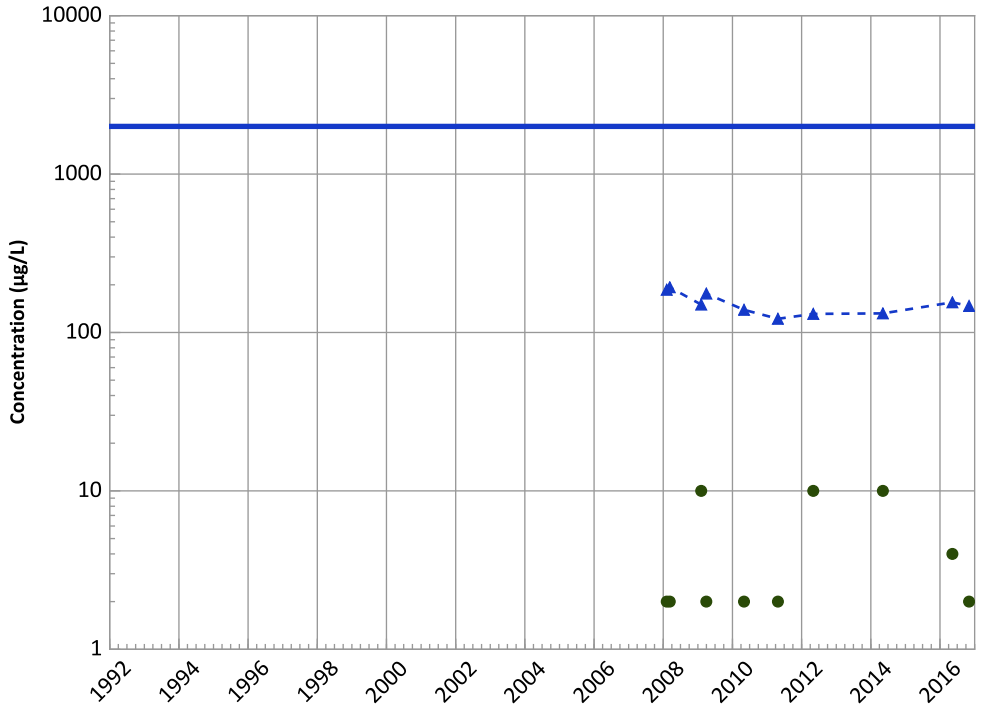
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

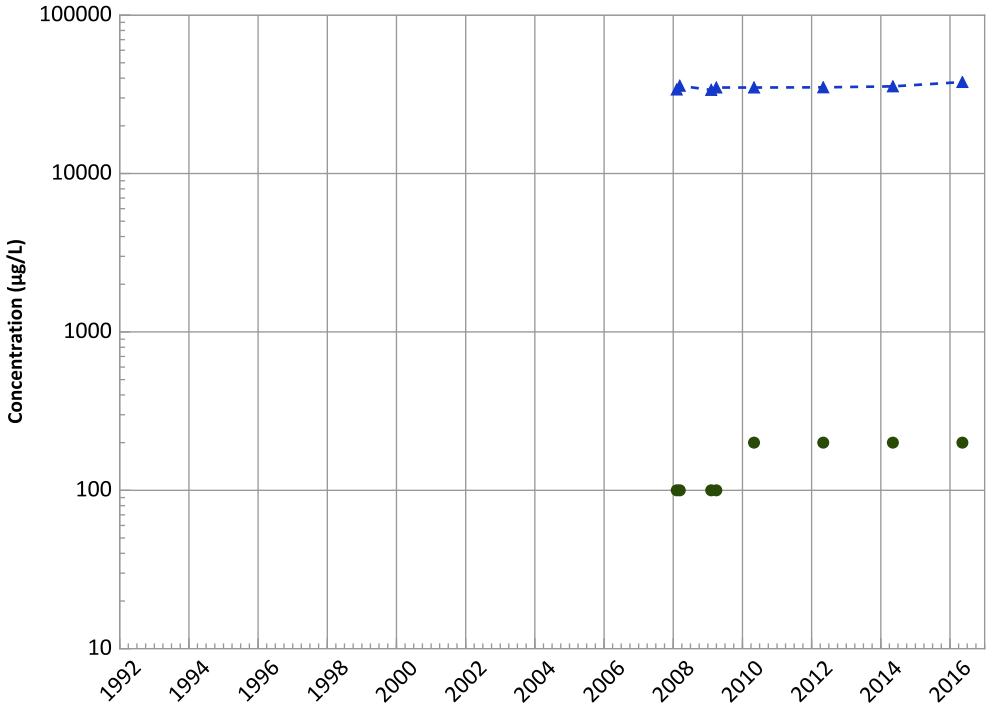


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Decreasing

Calcium Trend



Concentration Trend

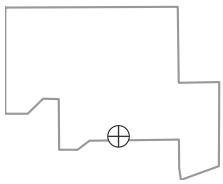
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

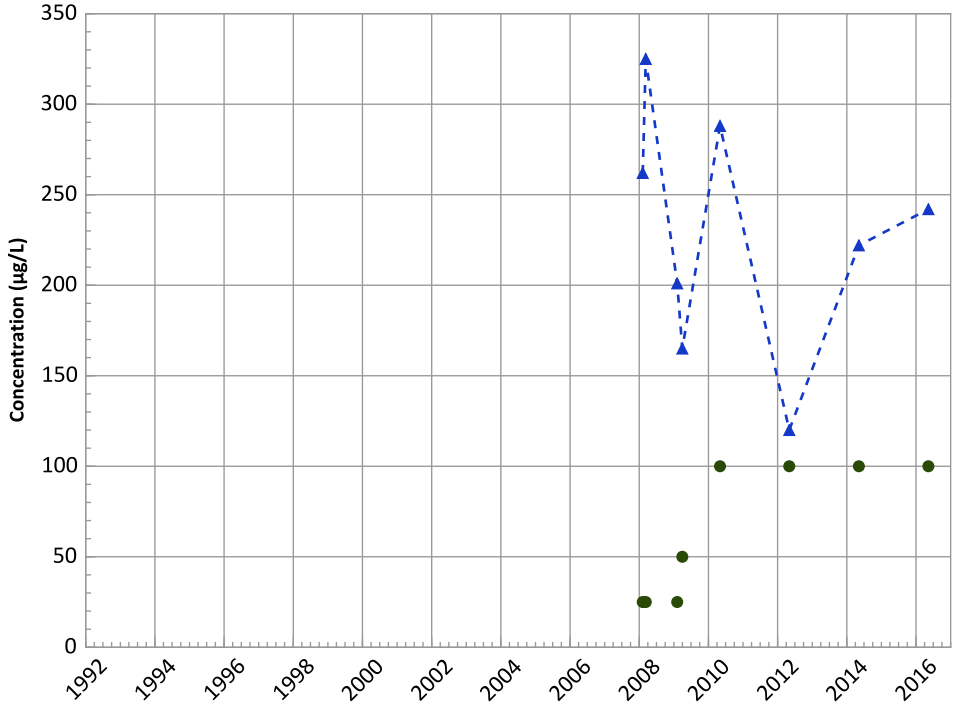
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

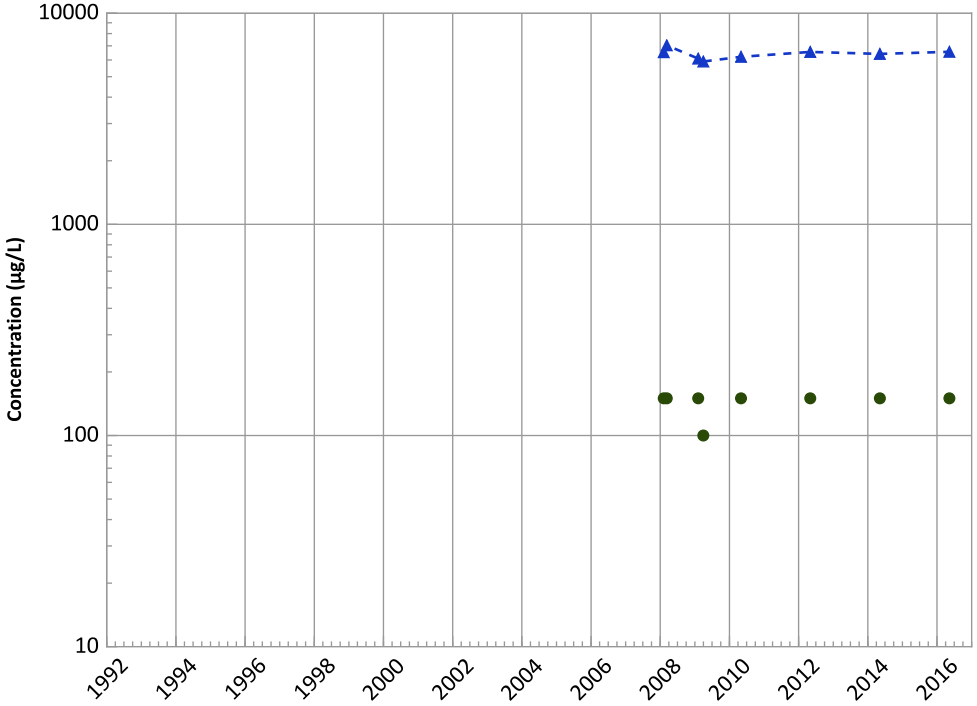


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Stable

Potassium Trend



Concentration Trend

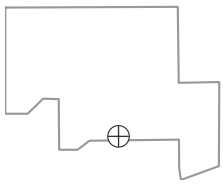
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

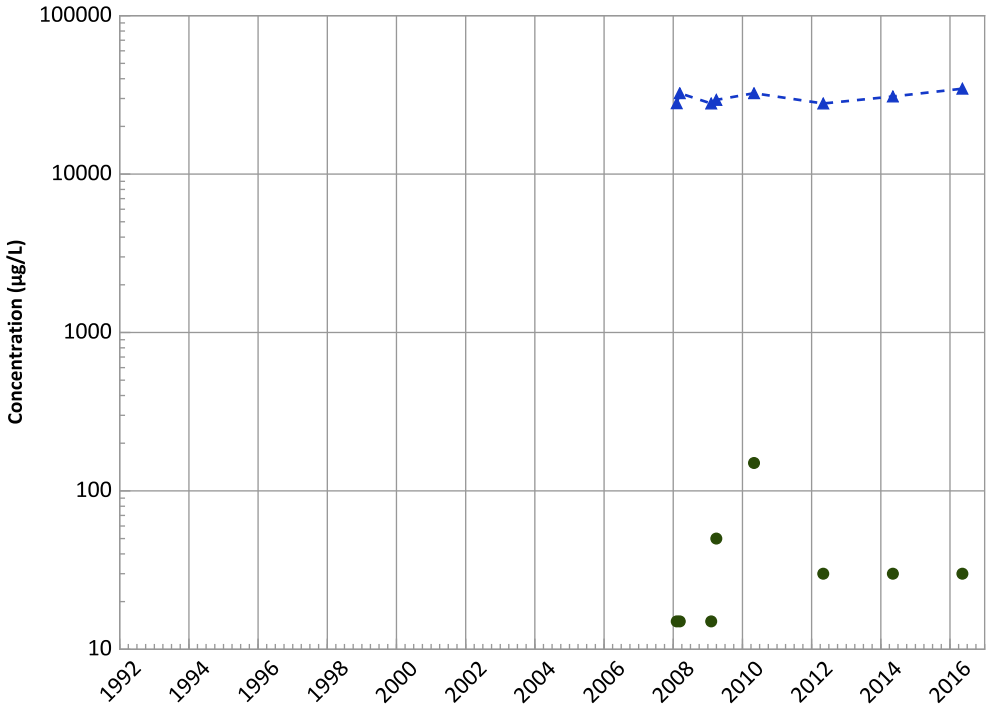
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

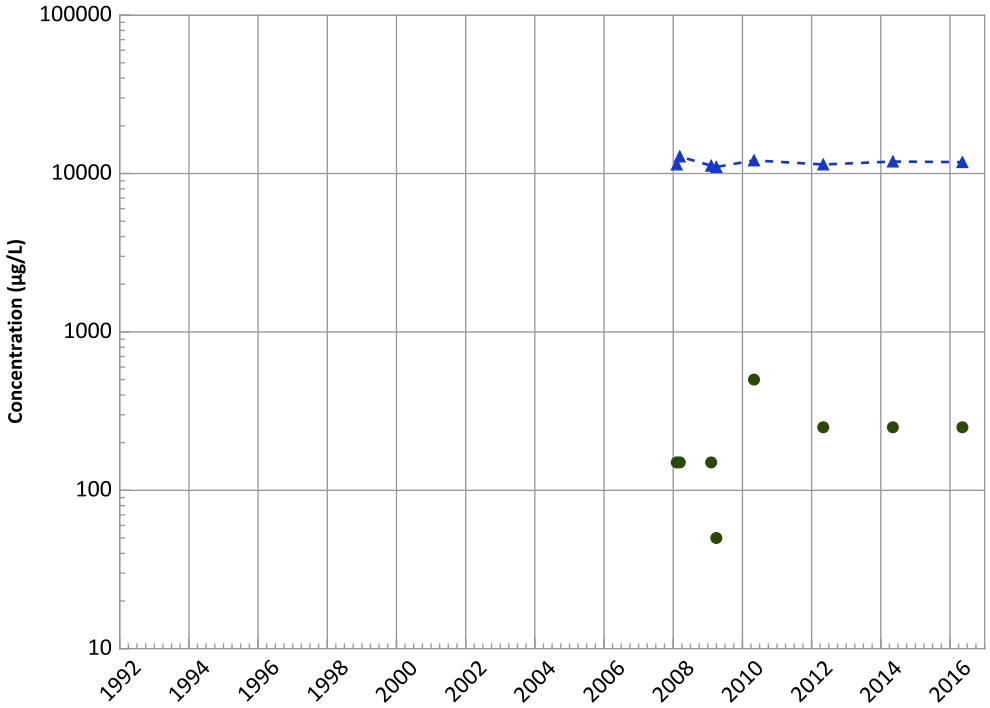


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Sodium Trend



Concentration Trend

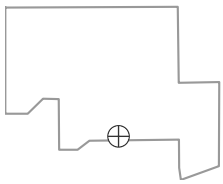
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

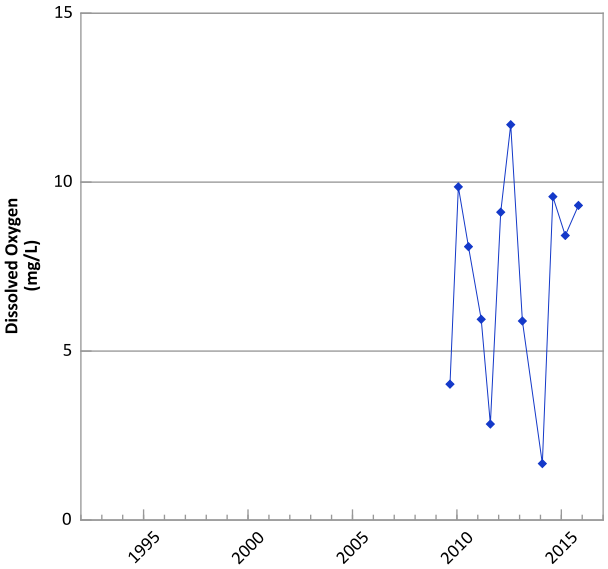
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 02/07/2008 to 11/03/2016
Analysis Date: 03/07/2017

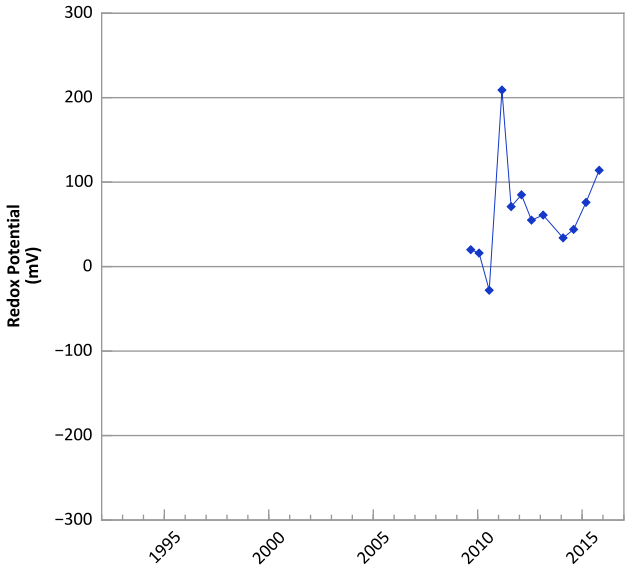
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

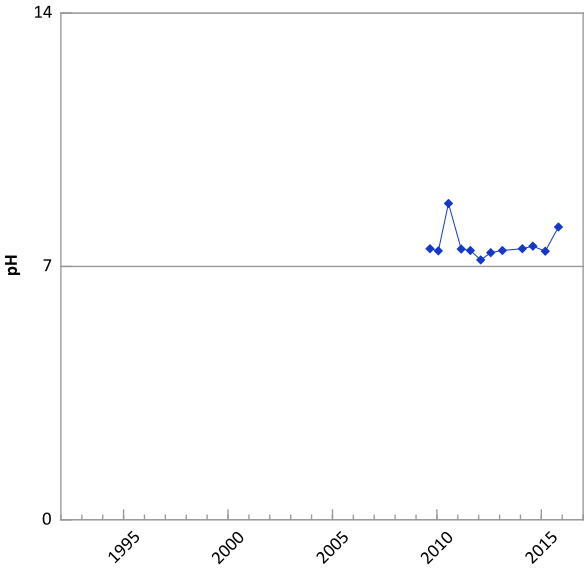
Well Location

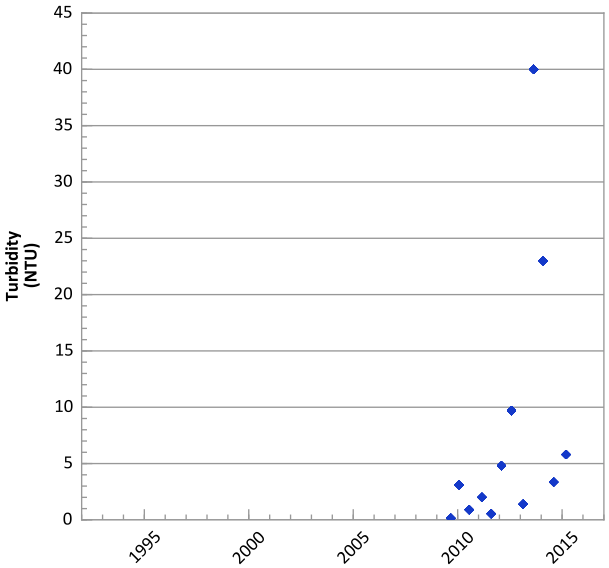


PTX06-1130 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



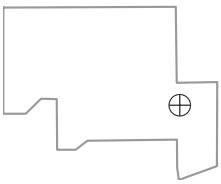






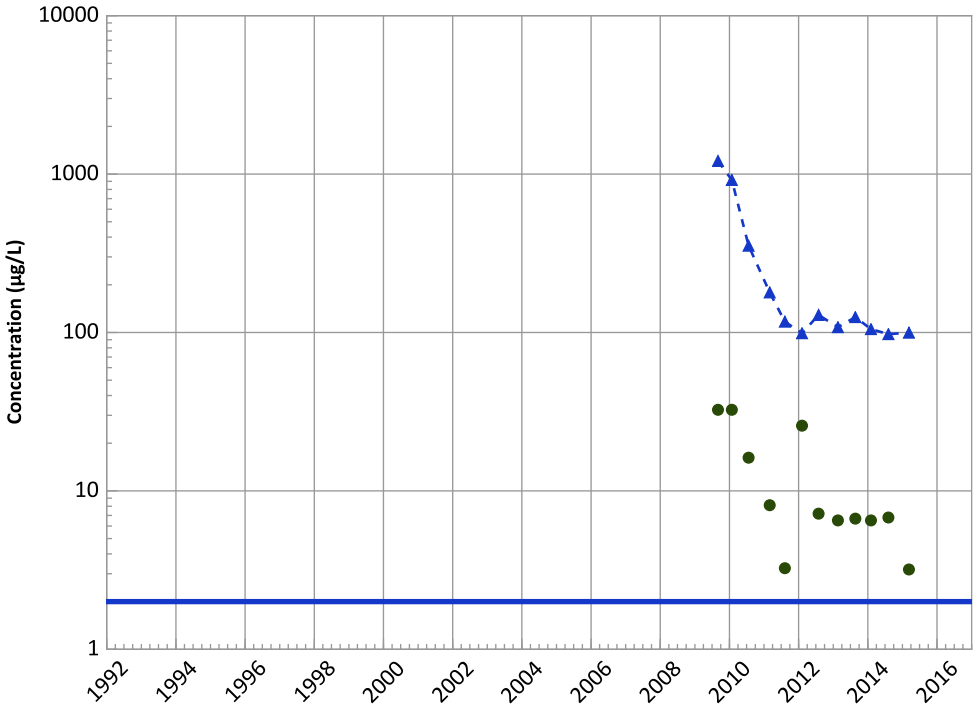
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 03/11/2015
Analysis Date: 03/07/2017

Well Location



PTX06-1130 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

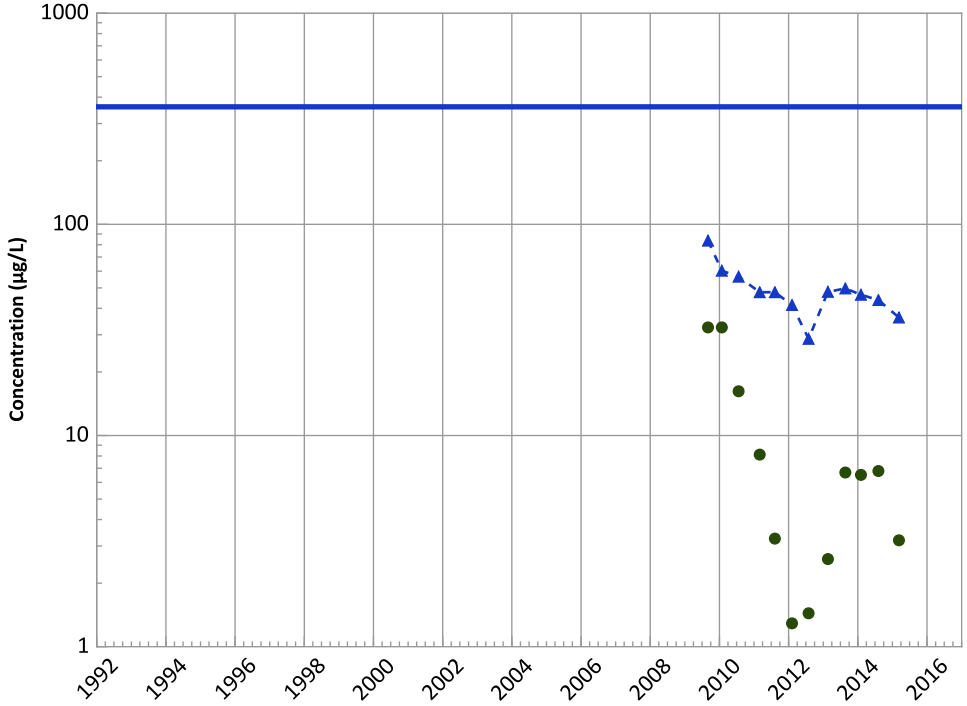


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

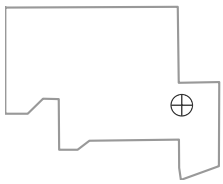
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 03/11/2015
Analysis Date: 03/07/2017

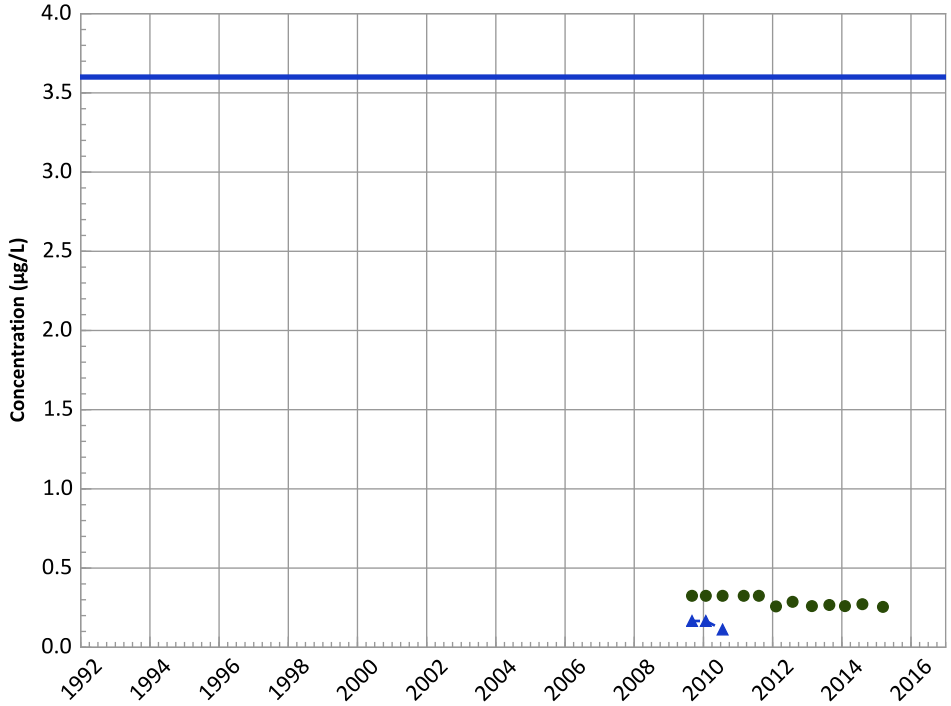
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1130 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

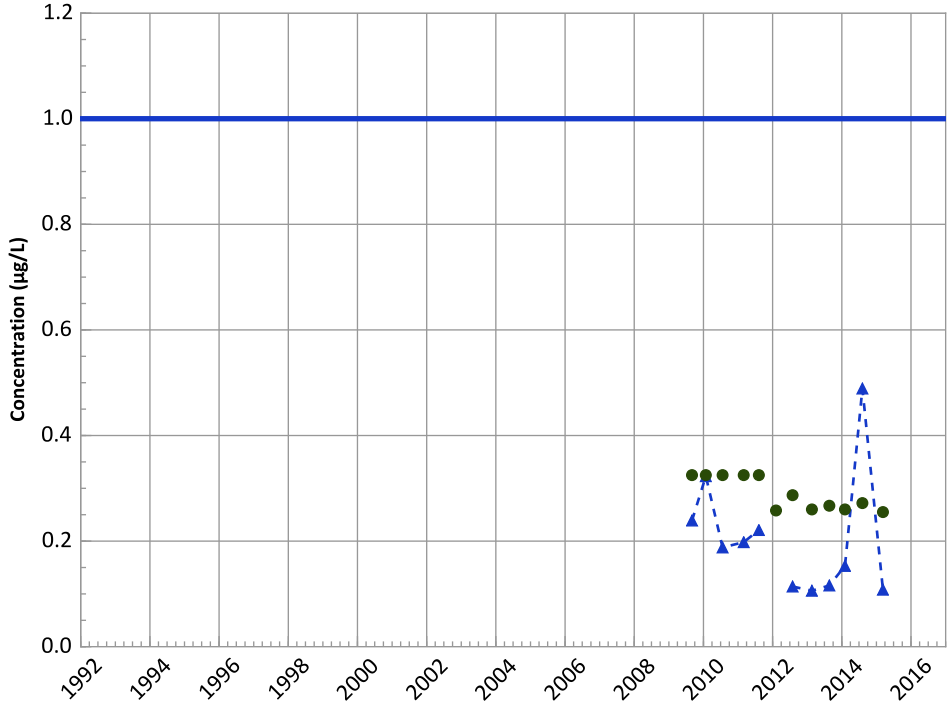


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

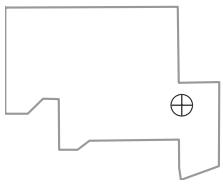
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 03/11/2015
Analysis Date: 03/07/2017

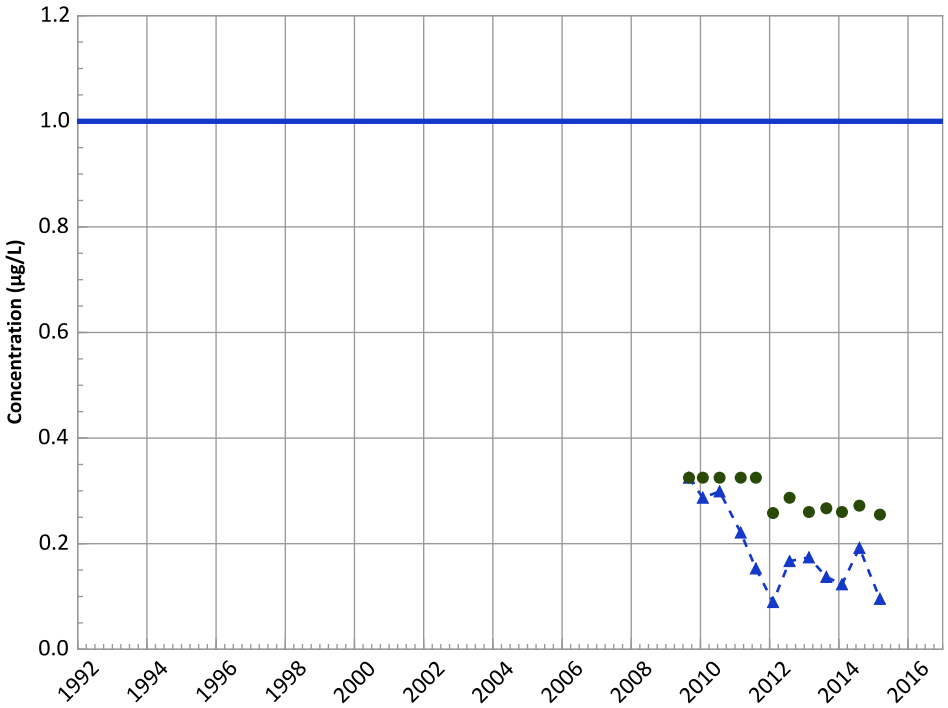
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1130 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

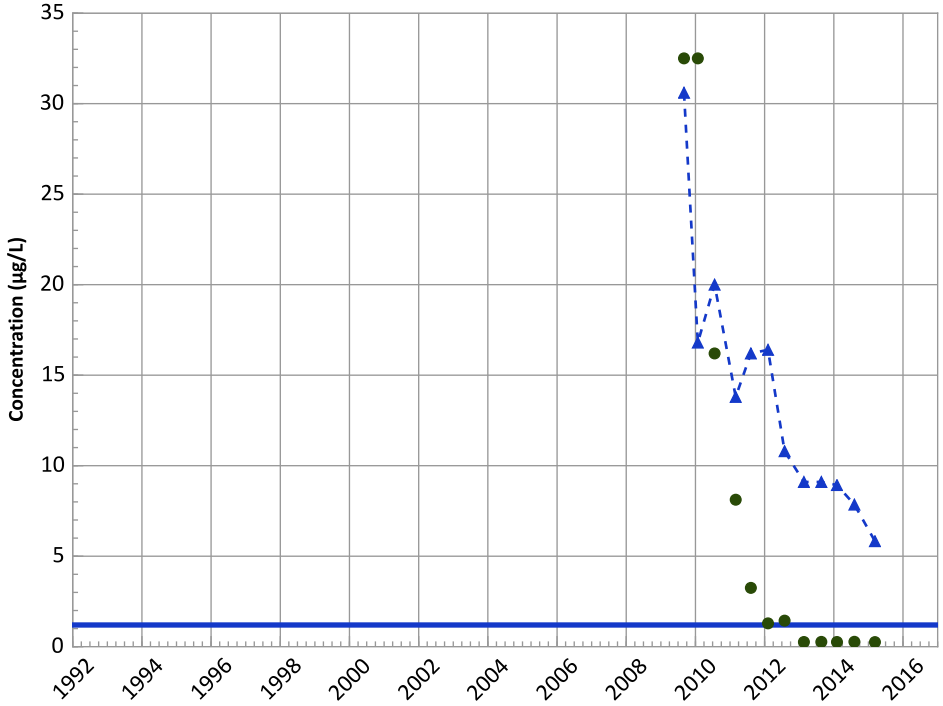


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

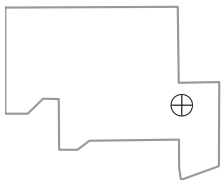
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 03/11/2015
Analysis Date: 03/07/2017

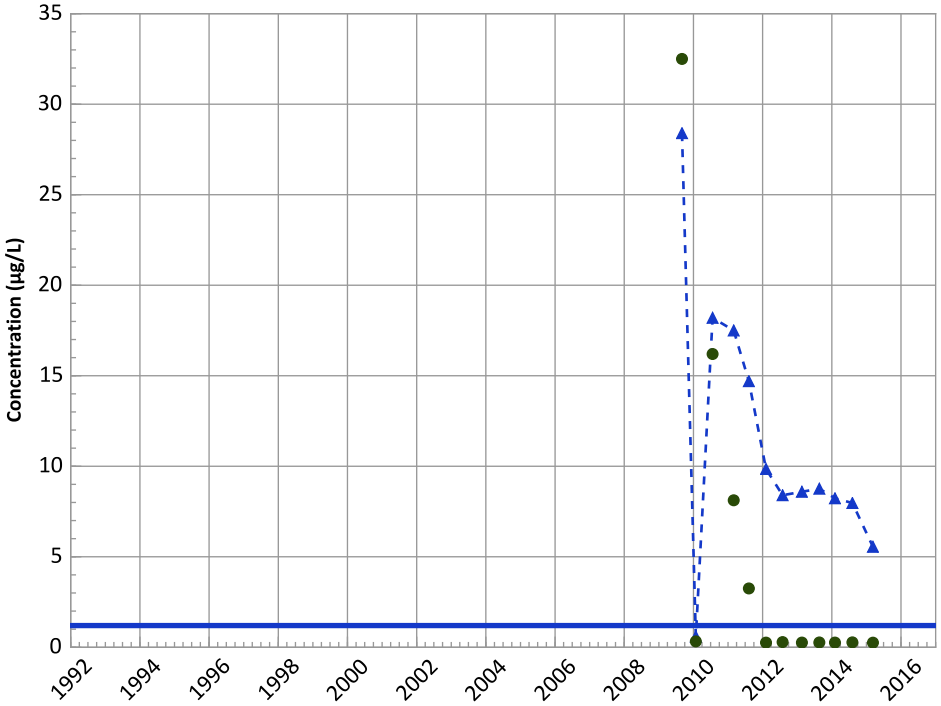
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1130 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

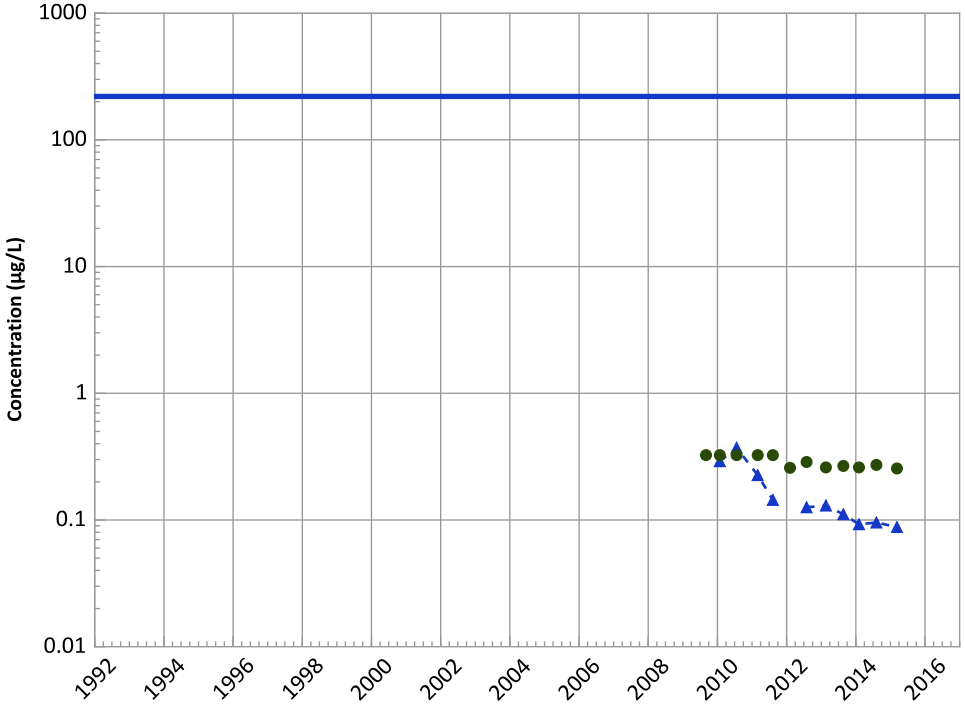


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

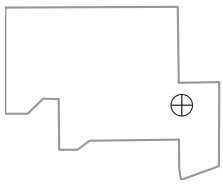
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 03/11/2015
Analysis Date: 03/07/2017

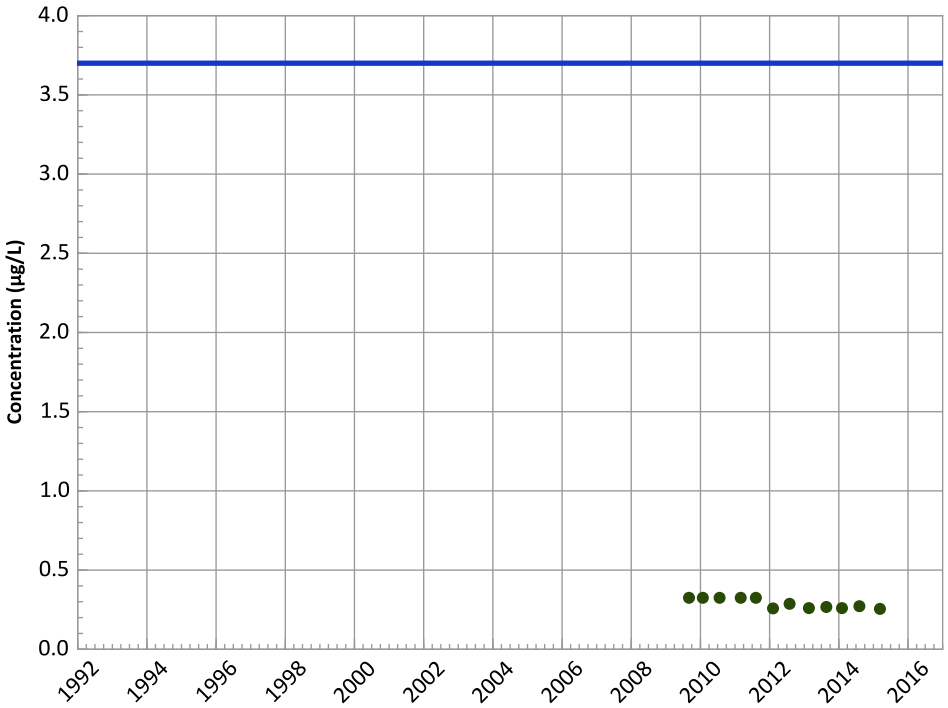
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1130 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

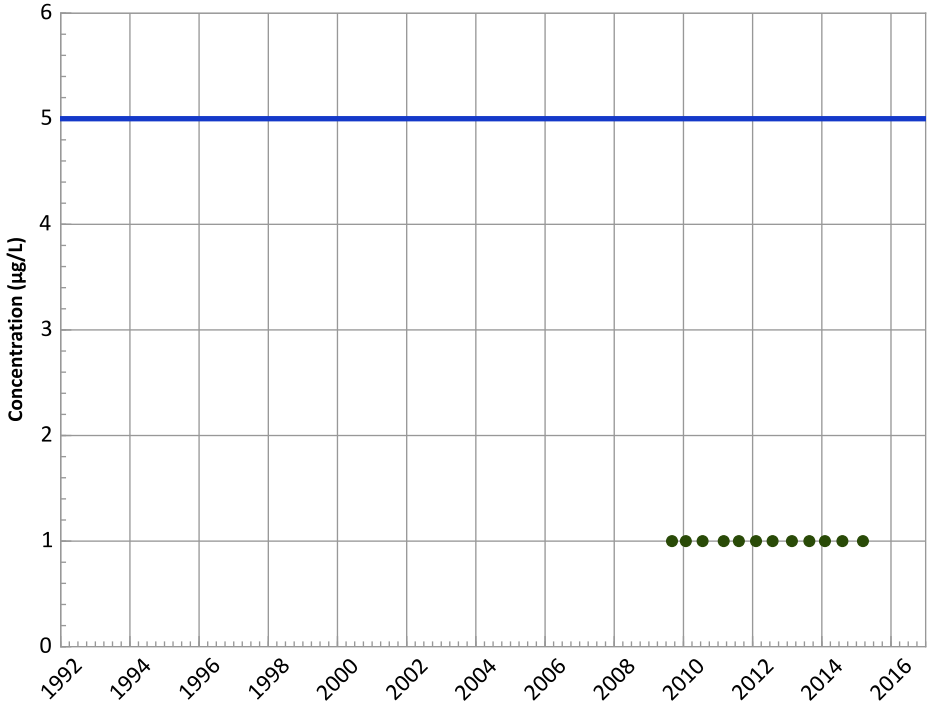


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

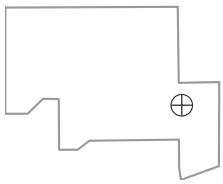
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 03/11/2015
Analysis Date: 03/07/2017

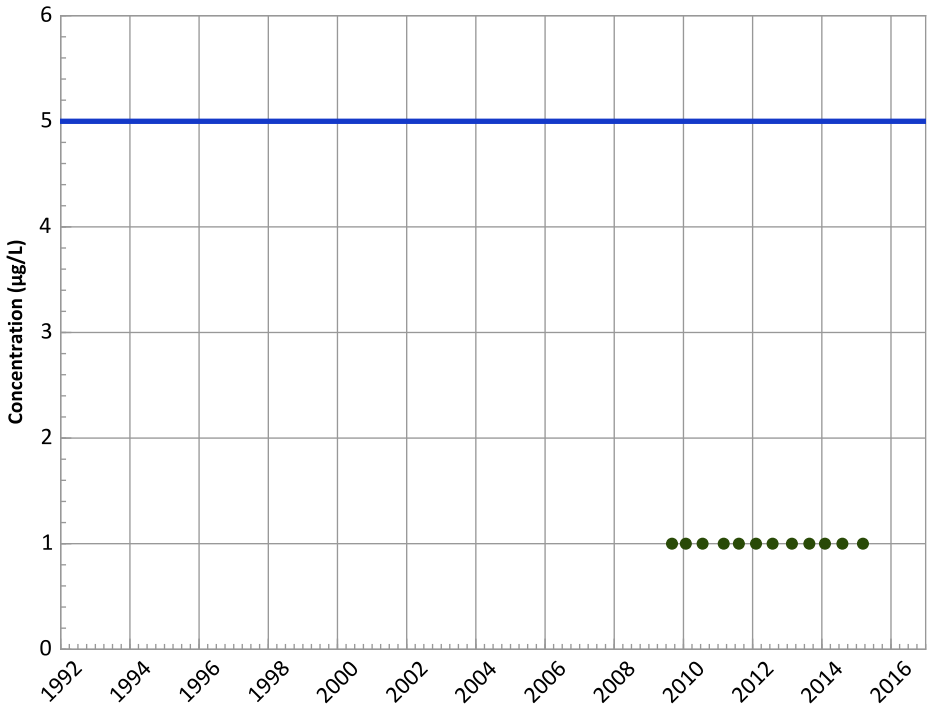
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1130 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

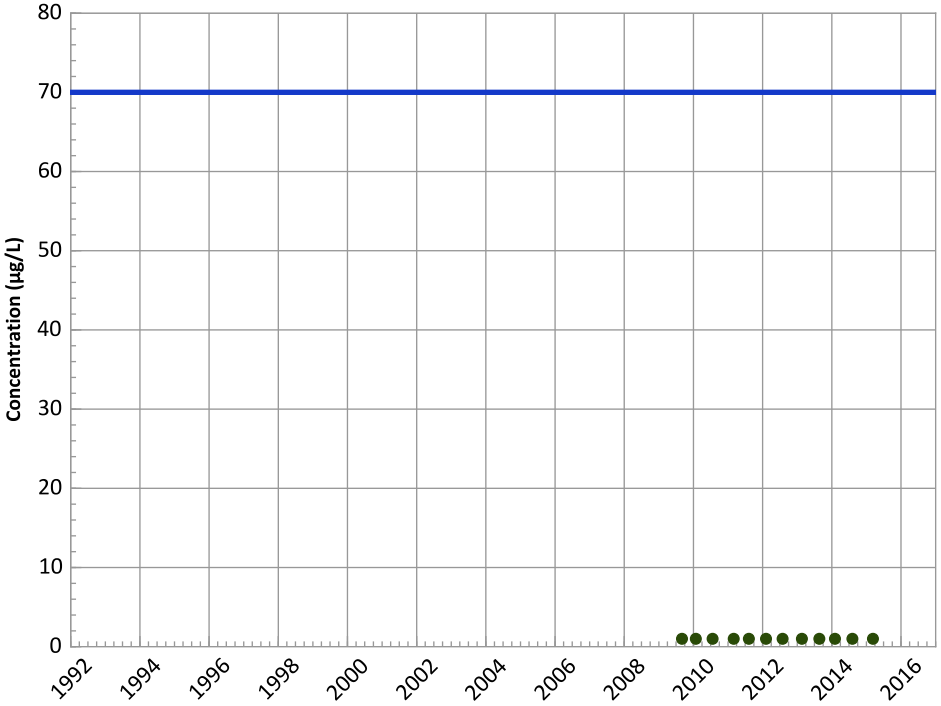


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

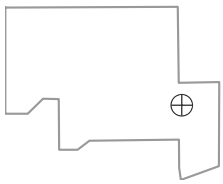
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 03/11/2015
Analysis Date: 03/07/2017

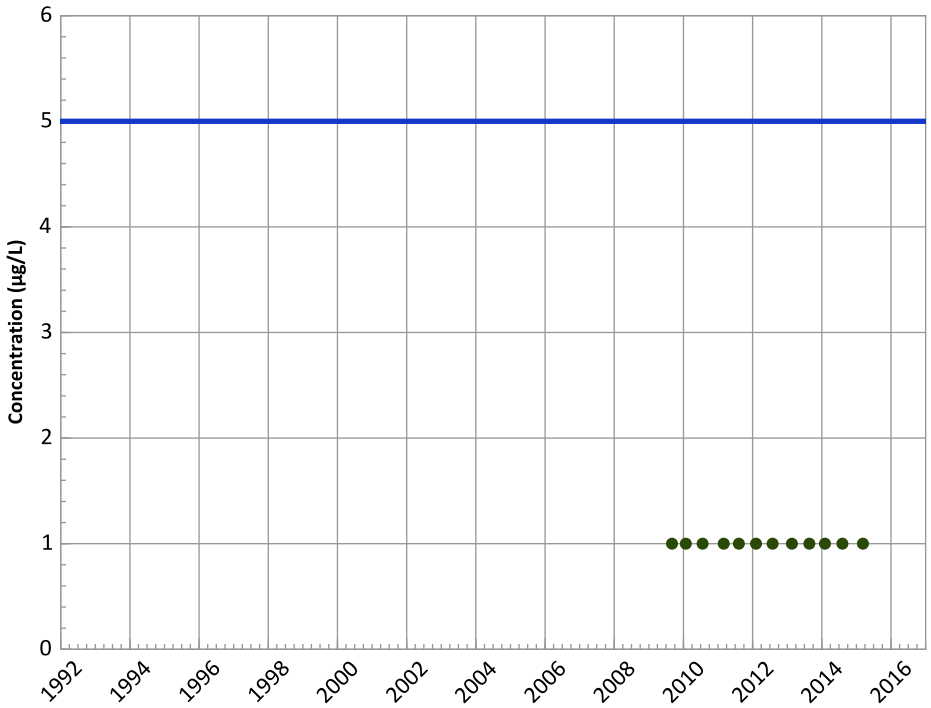
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1130 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

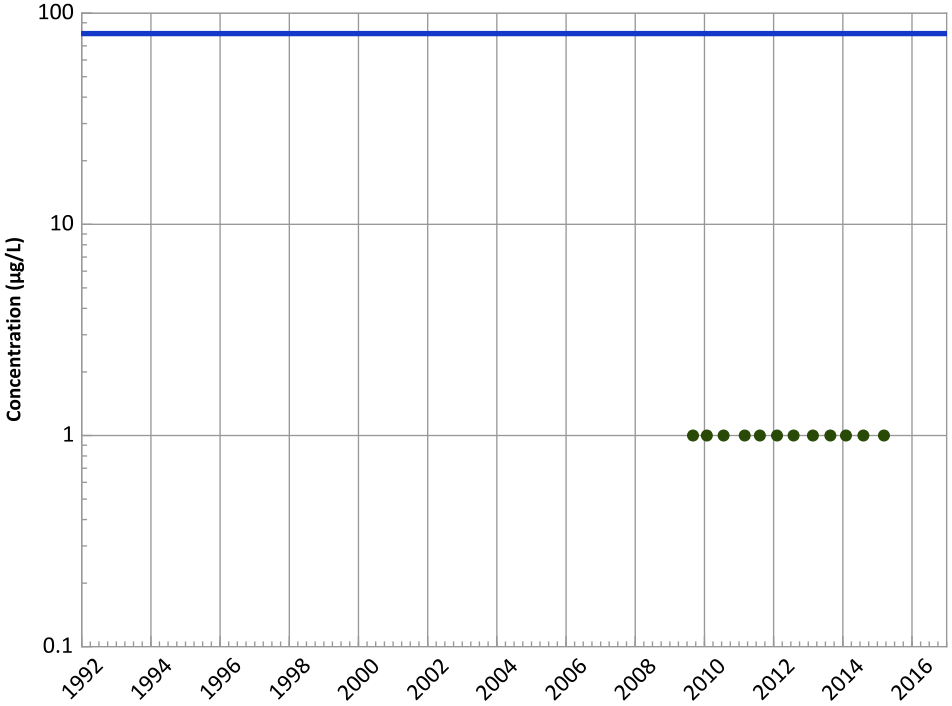


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Chloroform Trend



Concentration Trend

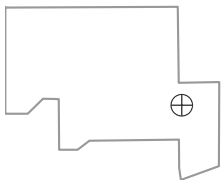
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 03/11/2015
Analysis Date: 03/07/2017

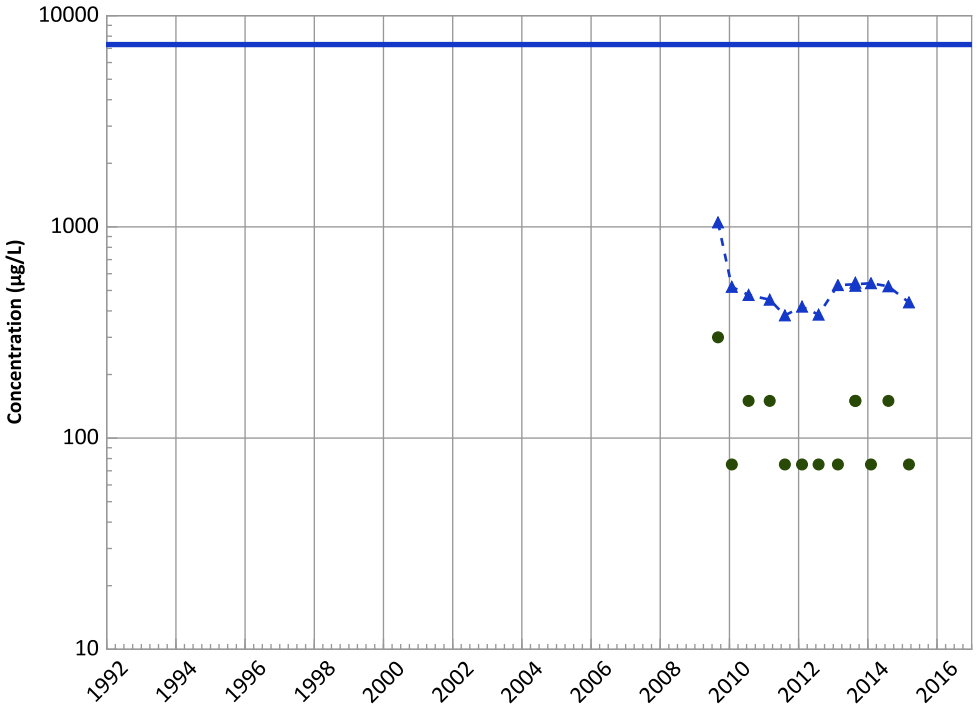
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1130 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

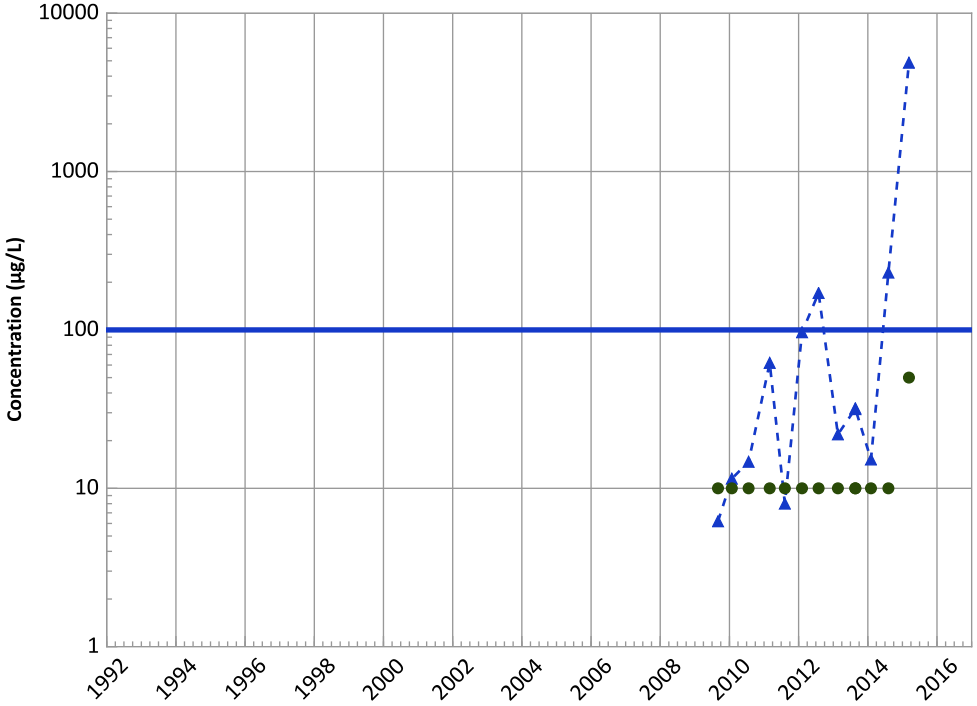


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Chromium, Total Trend



Concentration Trend

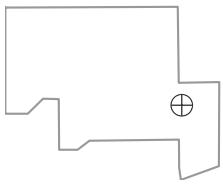
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 03/11/2015
Analysis Date: 03/07/2017

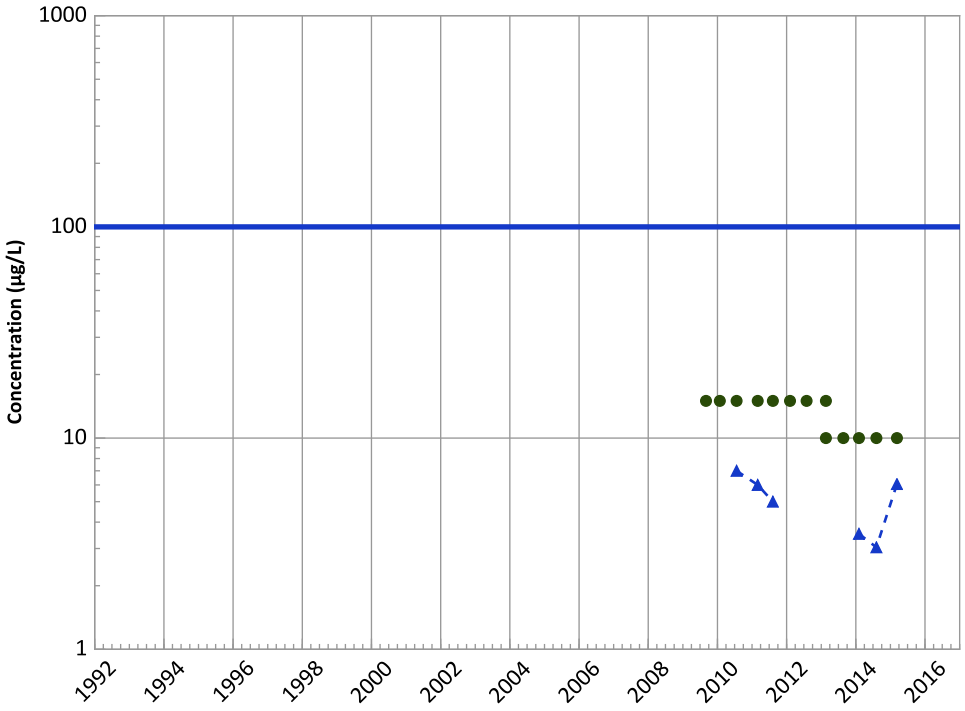
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1130 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

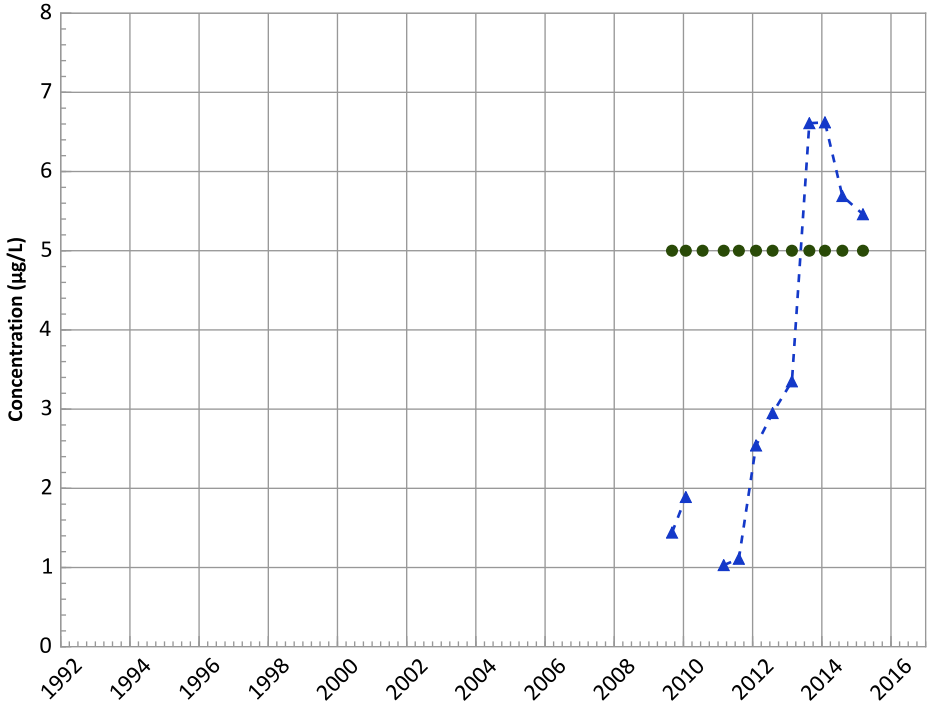


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Manganese Trend



Concentration Trend

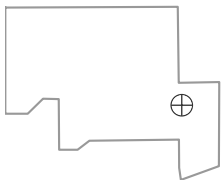
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 03/11/2015
Analysis Date: 03/07/2017

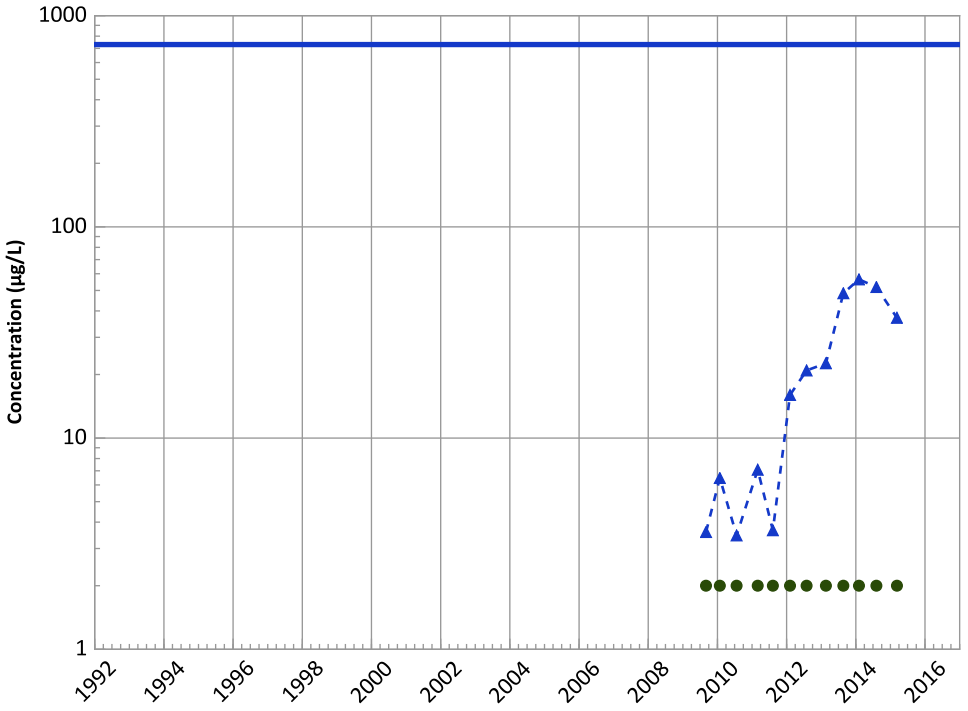
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1130 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

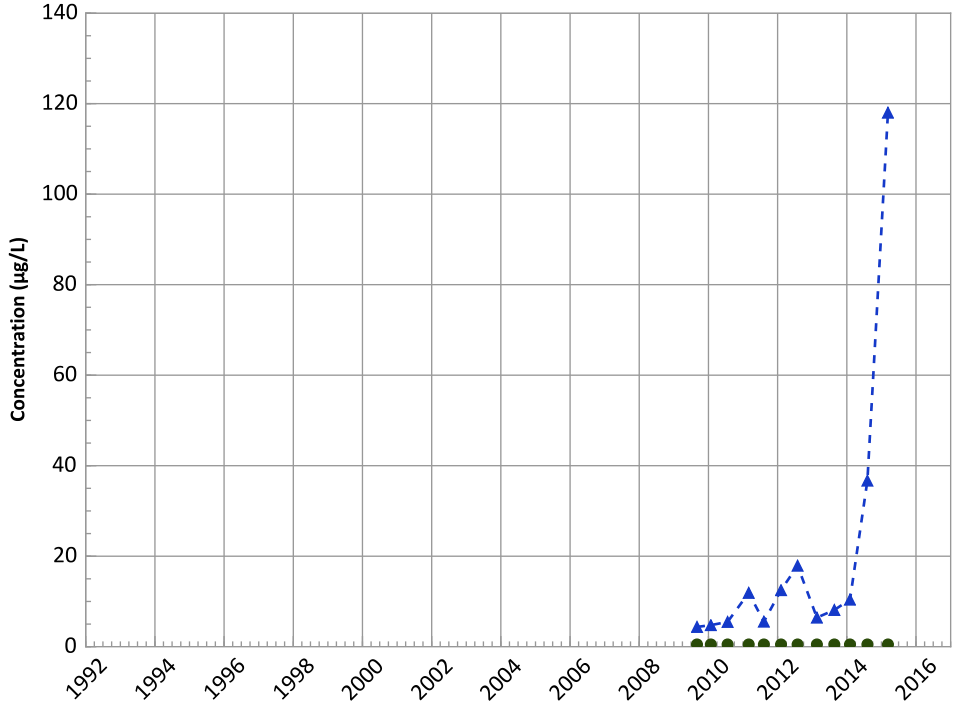


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Molybdenum Trend



Concentration Trend

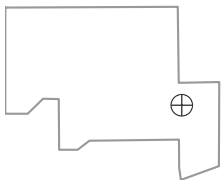
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 03/11/2015
Analysis Date: 03/07/2017

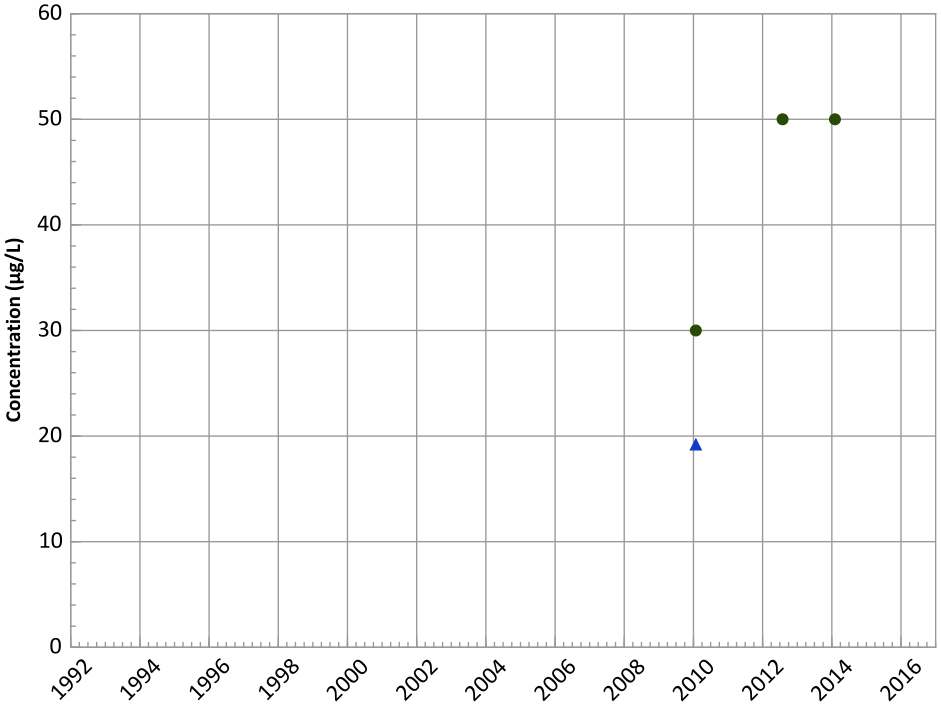
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1130 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

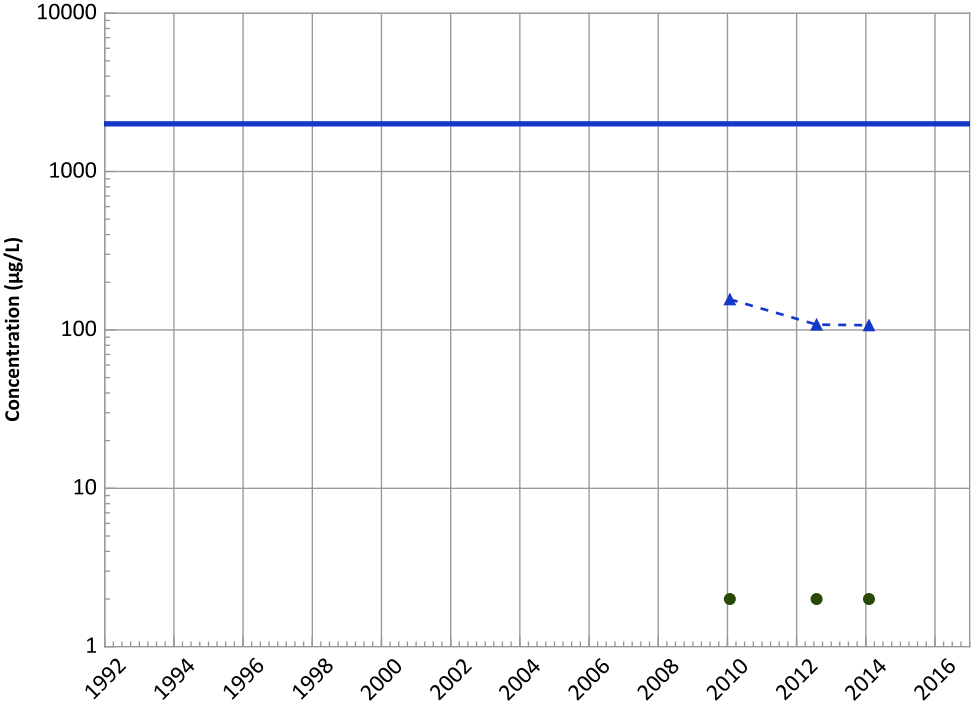


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

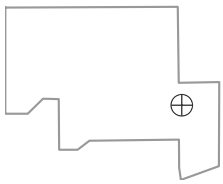
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 03/11/2015
Analysis Date: 03/07/2017

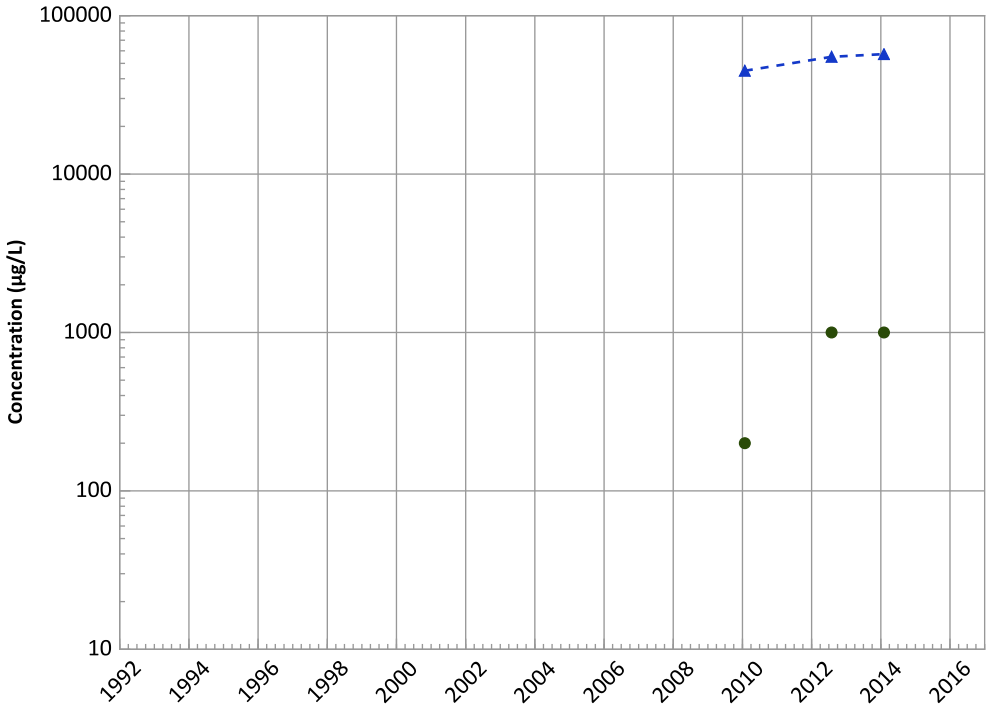
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1130 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

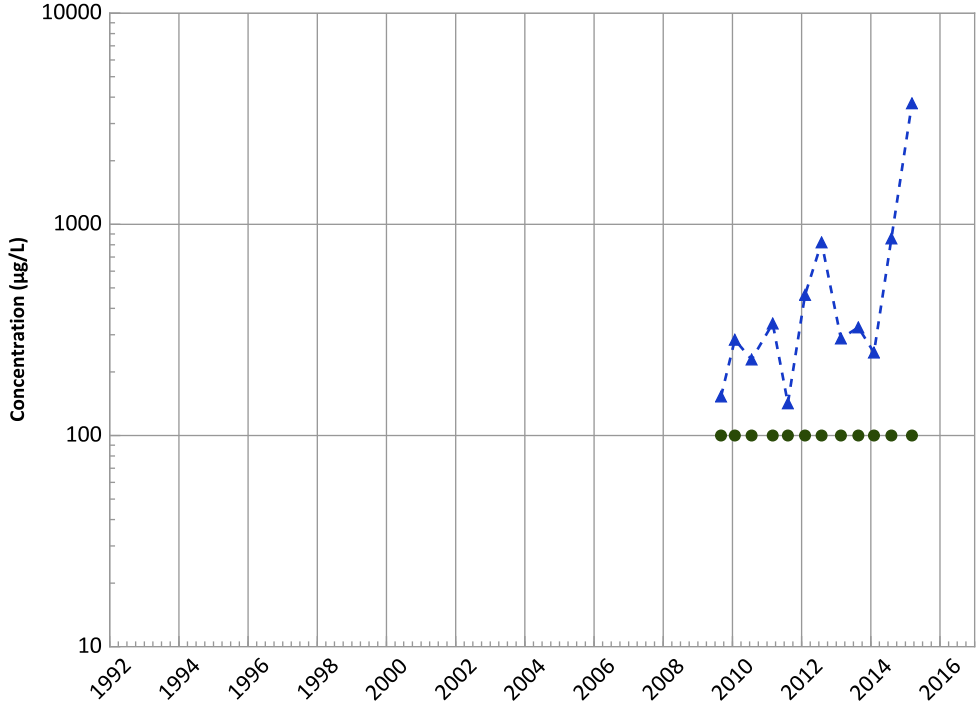


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

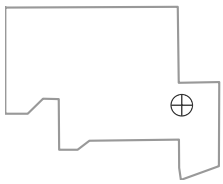
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 03/11/2015
Analysis Date: 03/07/2017

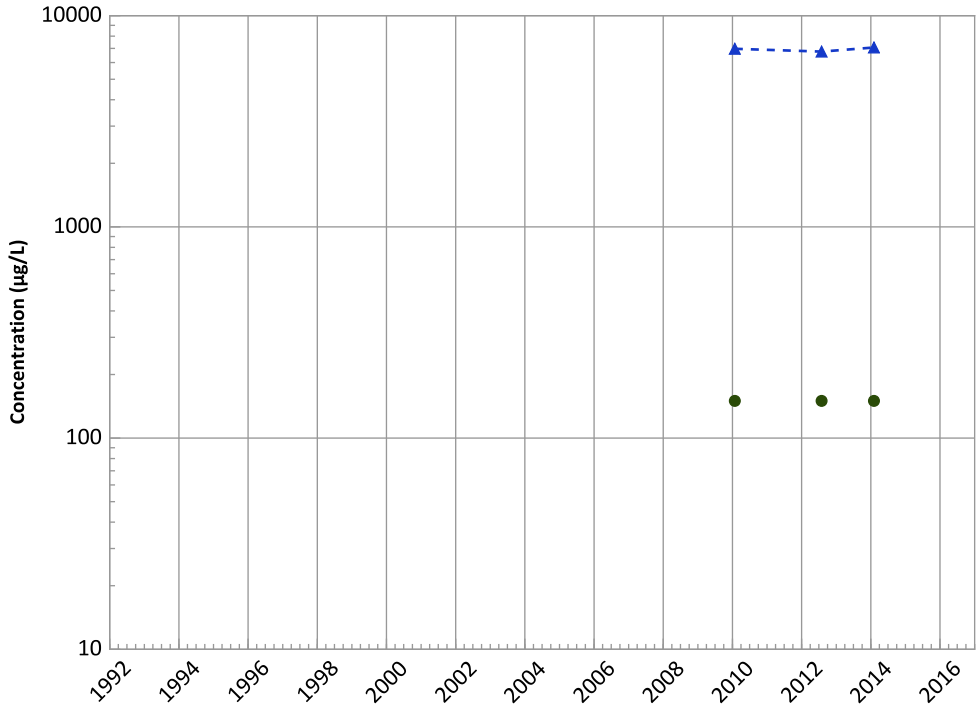
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1130 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

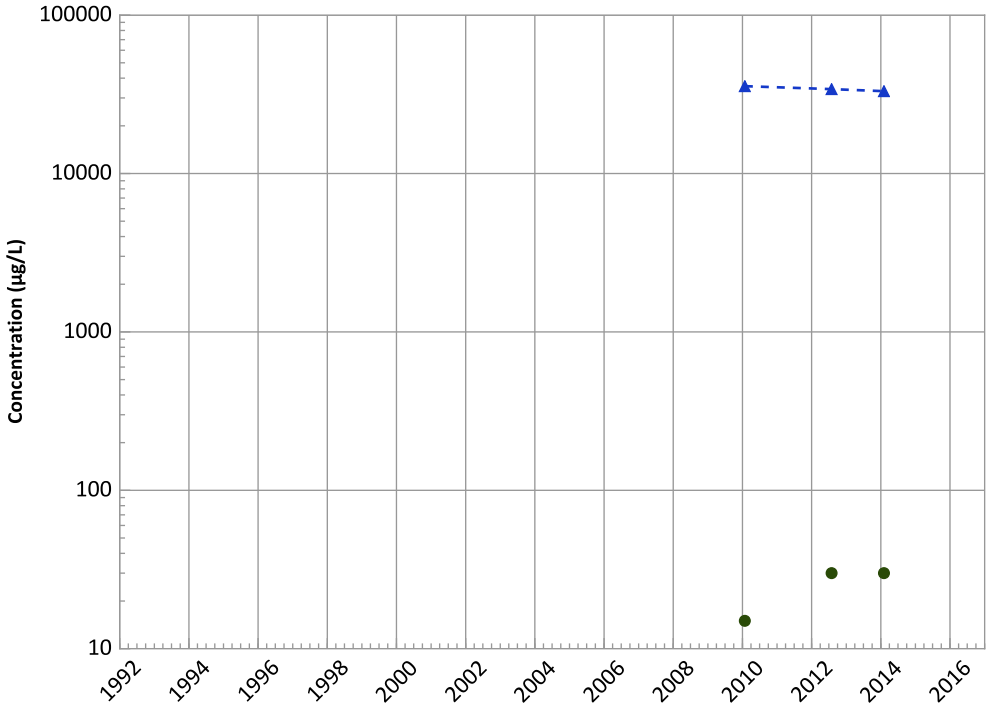


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

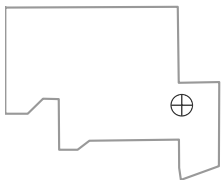
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 03/11/2015
Analysis Date: 03/07/2017

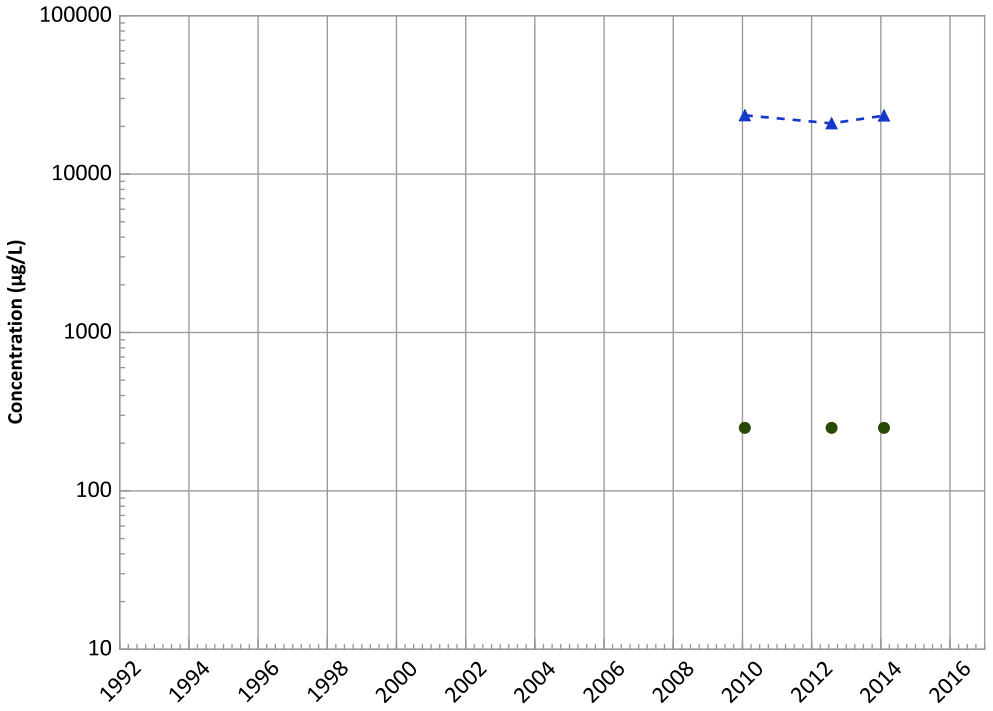
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1130 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

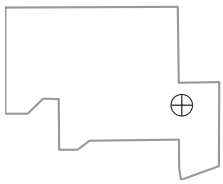
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

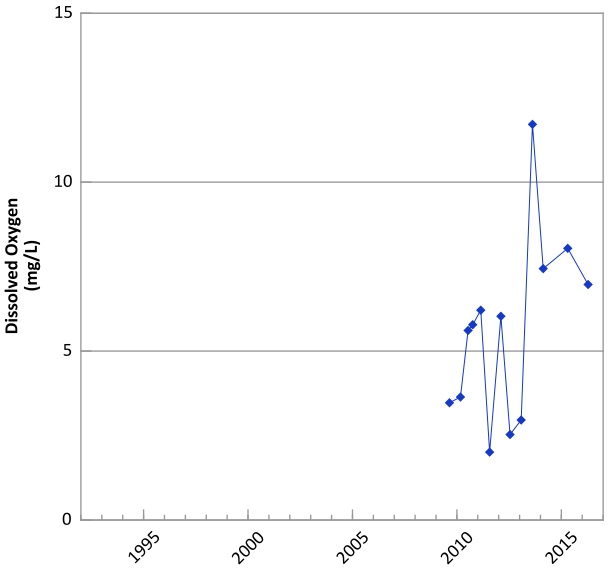
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 03/11/2015
Analysis Date: 03/07/2017

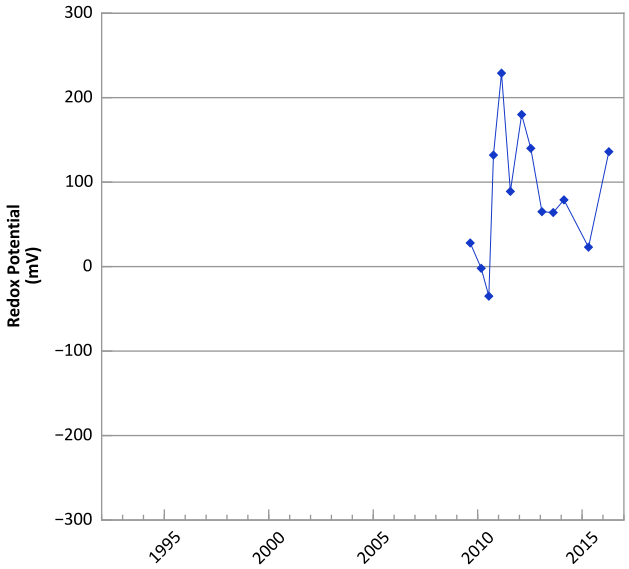
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

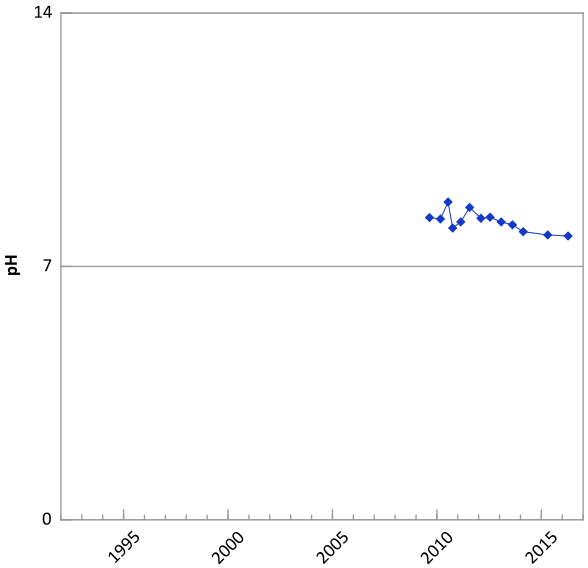
Well Location

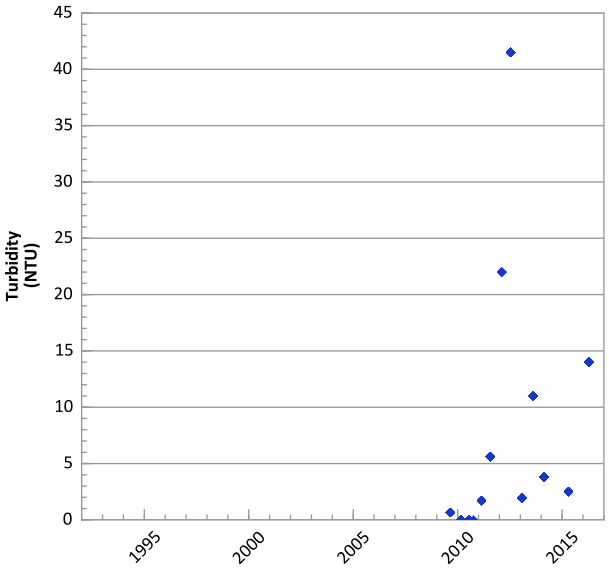


PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



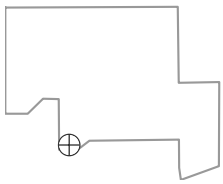






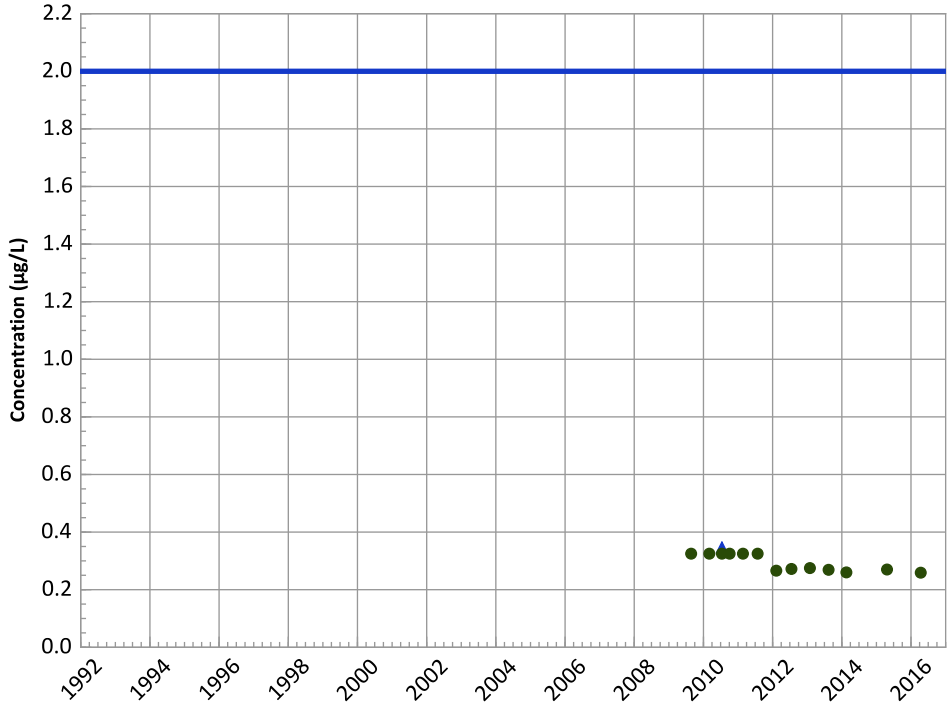
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/24/2009 to 04/13/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

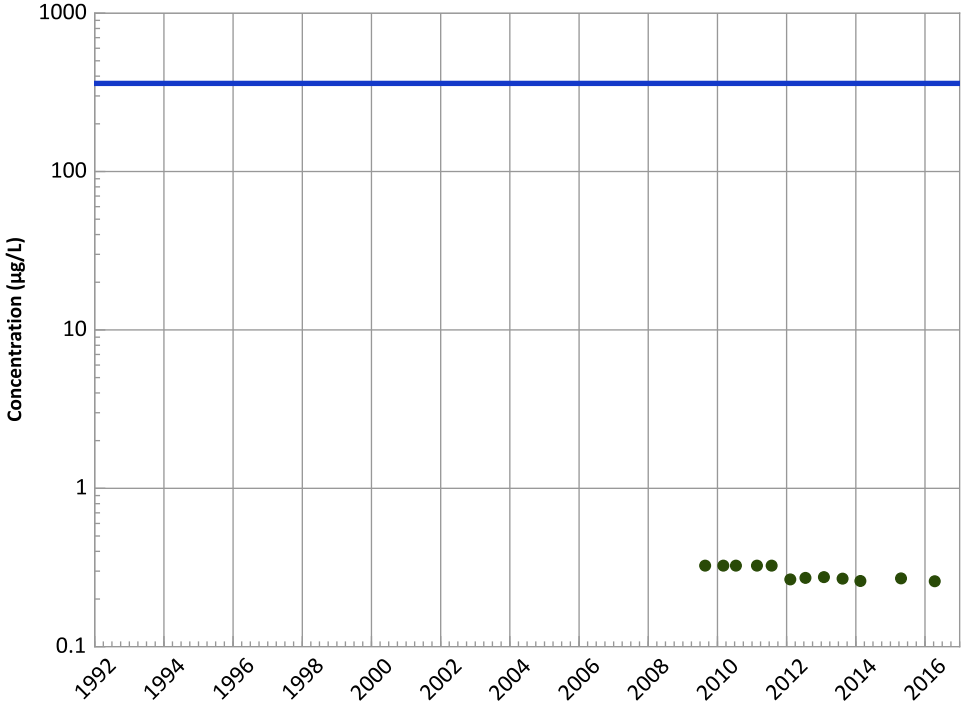


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

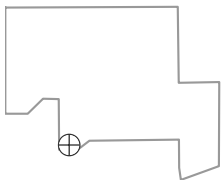
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/24/2009 to 04/13/2016
Analysis Date: 03/07/2017

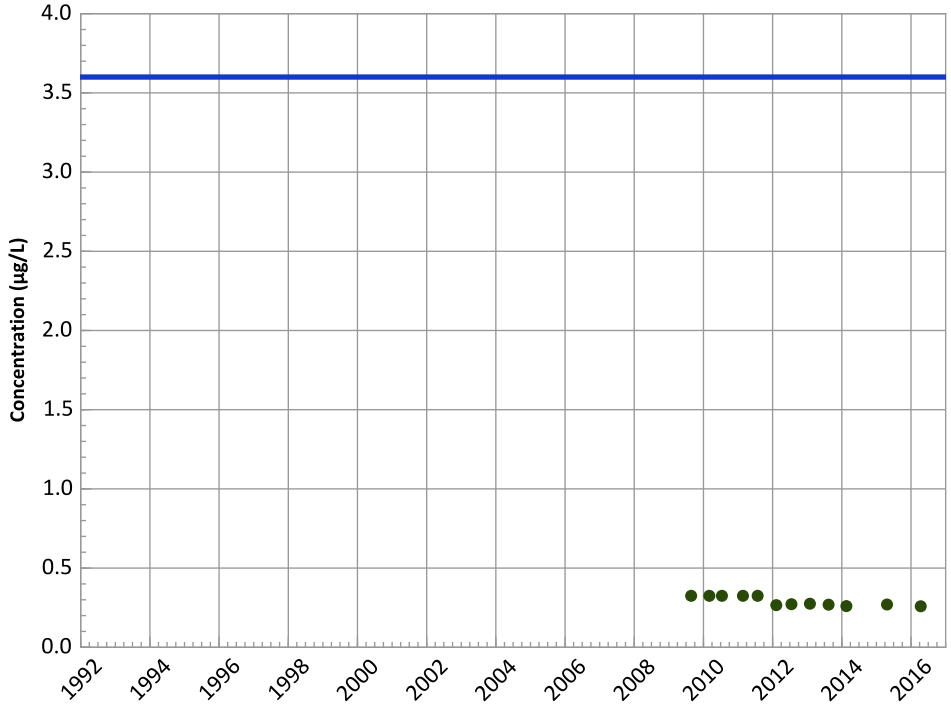
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

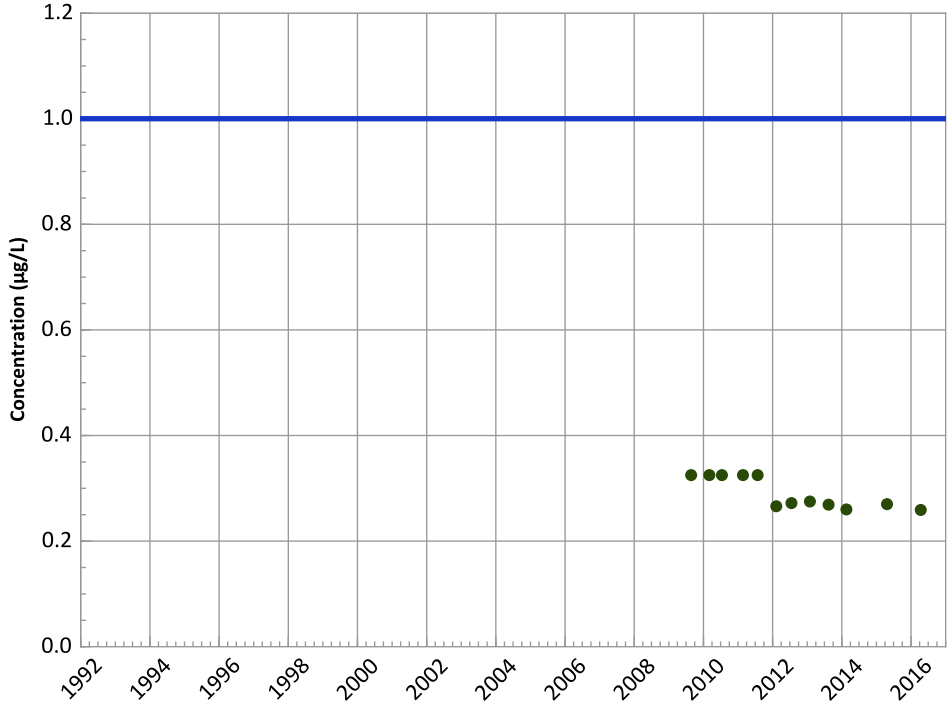


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

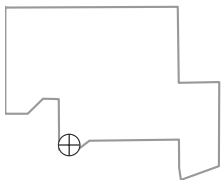
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/24/2009 to 04/13/2016
Analysis Date: 03/07/2017

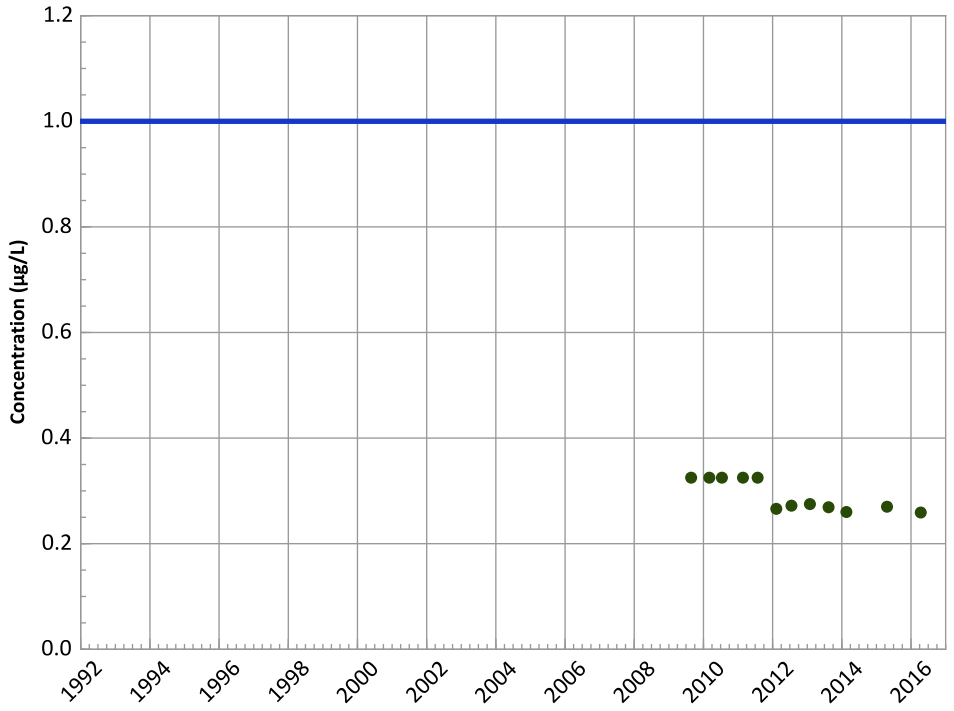
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

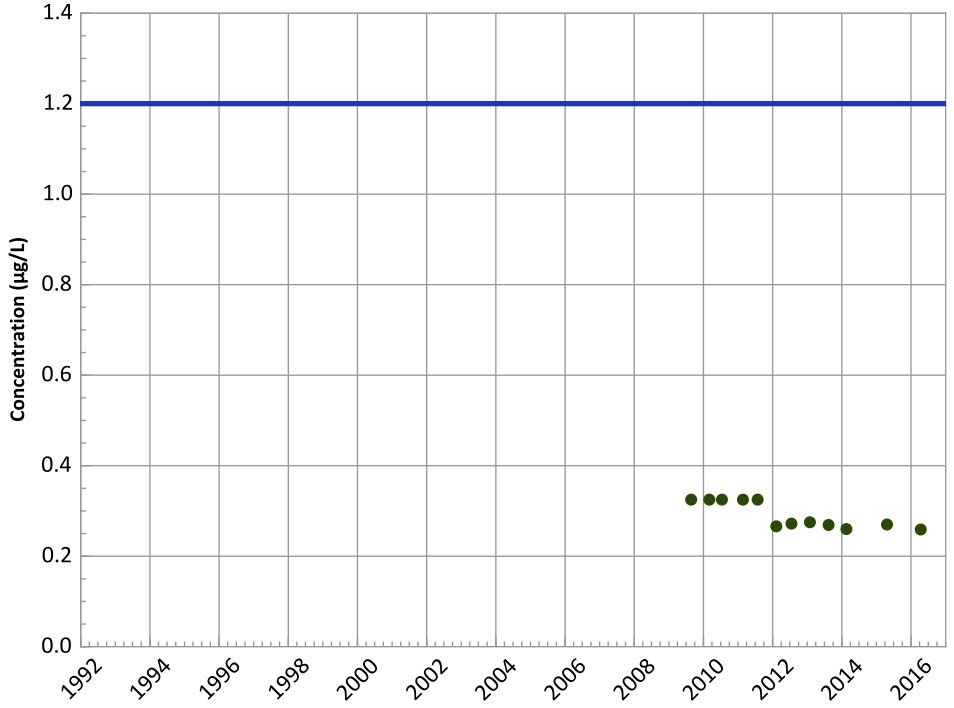


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

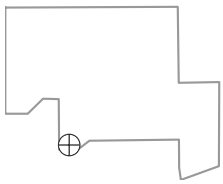
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/24/2009 to 04/13/2016
Analysis Date: 03/07/2017

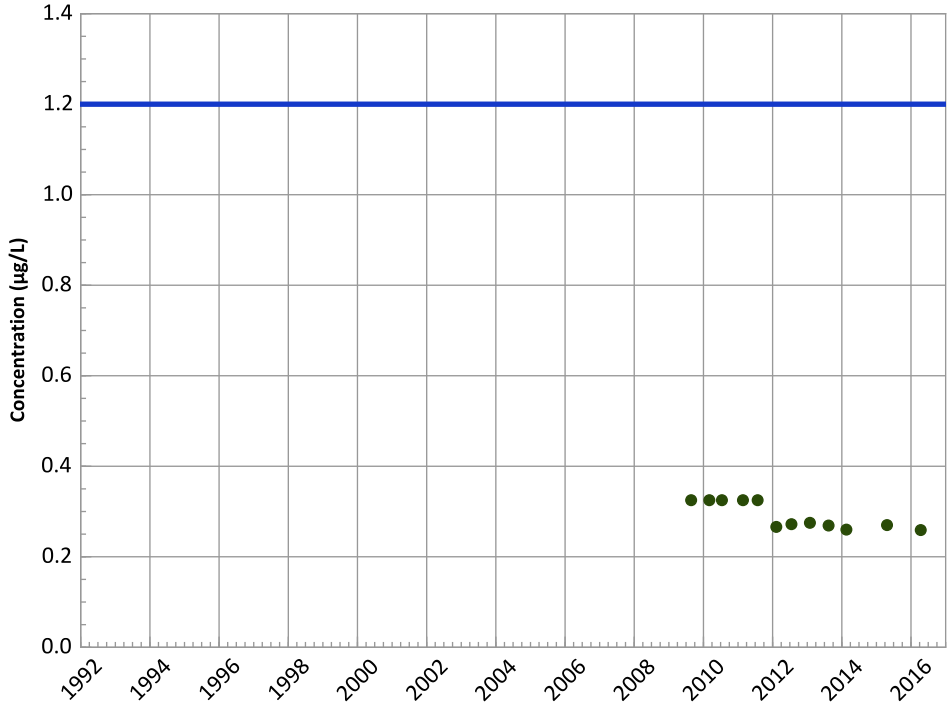
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

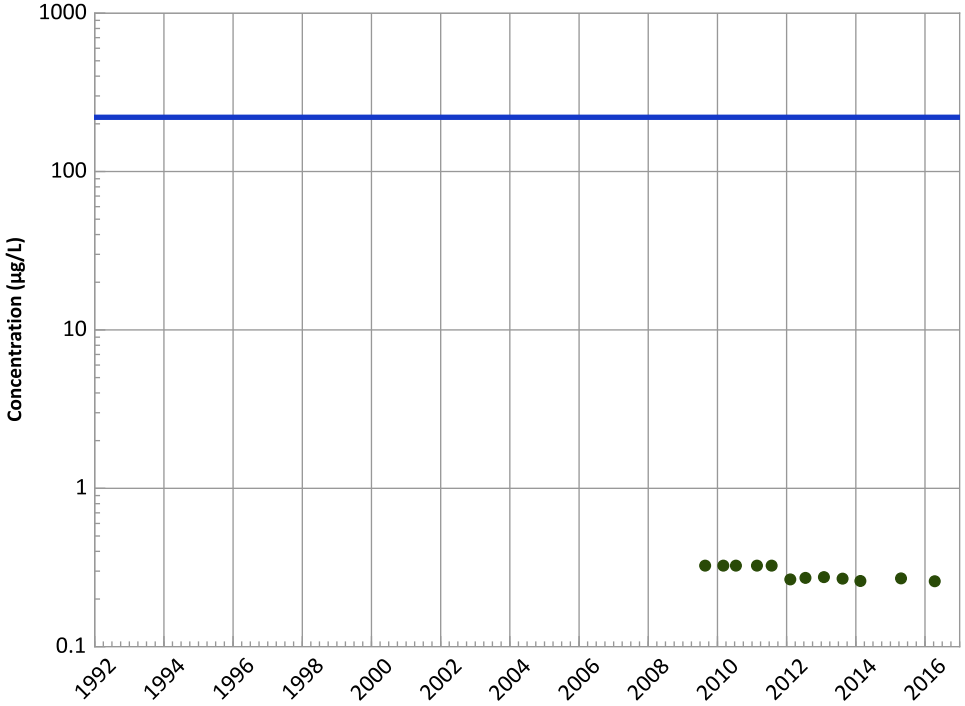


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

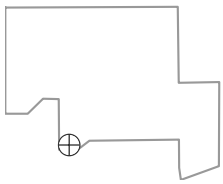
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/24/2009 to 04/13/2016
Analysis Date: 03/07/2017

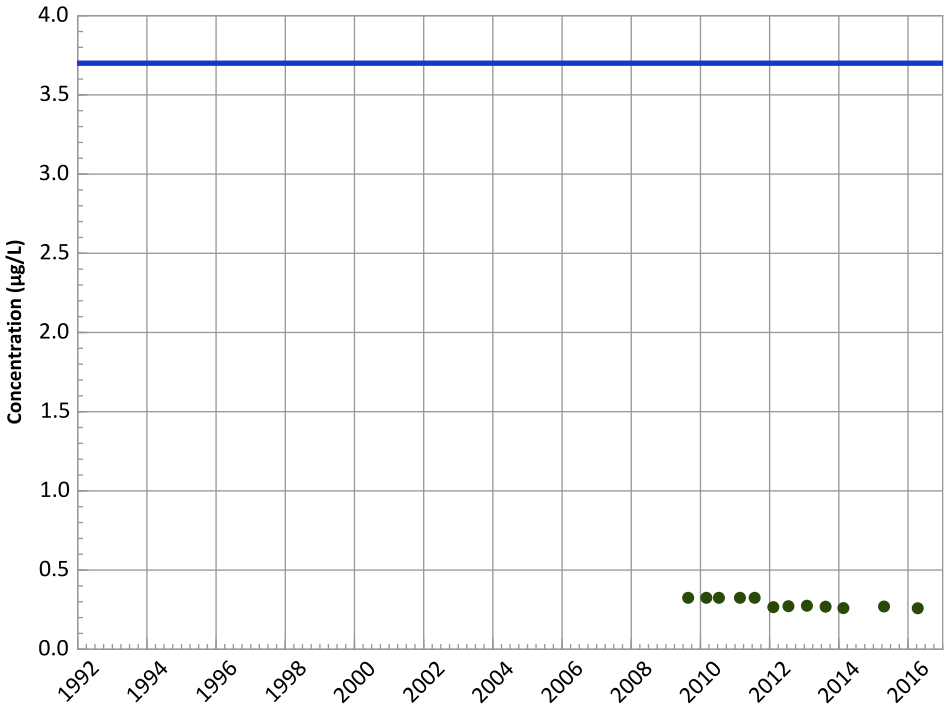
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

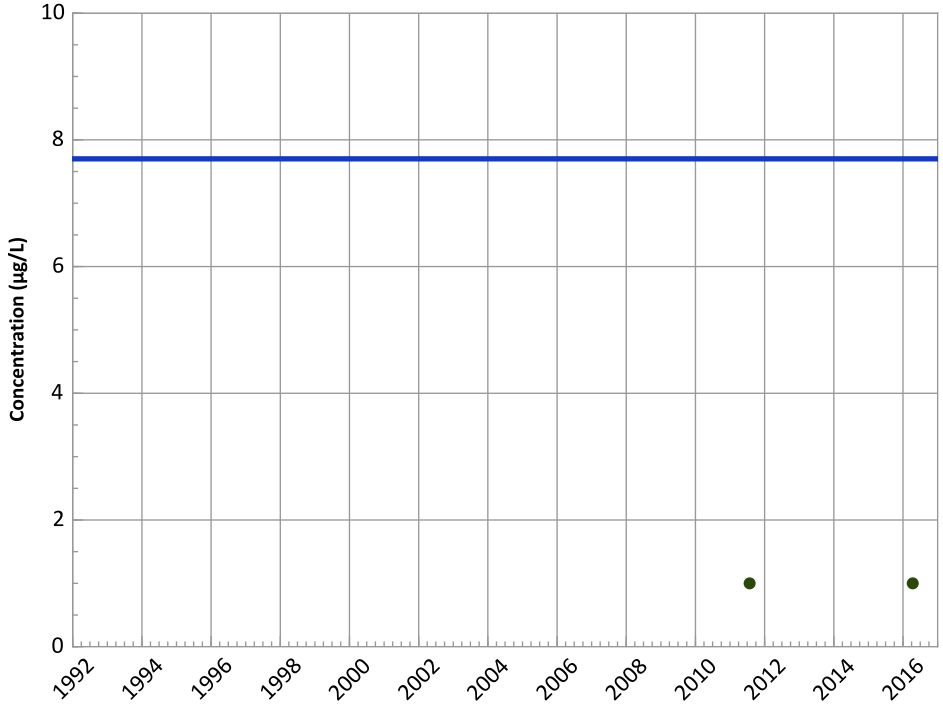


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

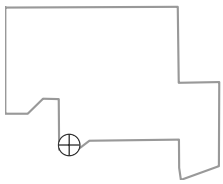
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/24/2009 to 04/13/2016
Analysis Date: 03/07/2017

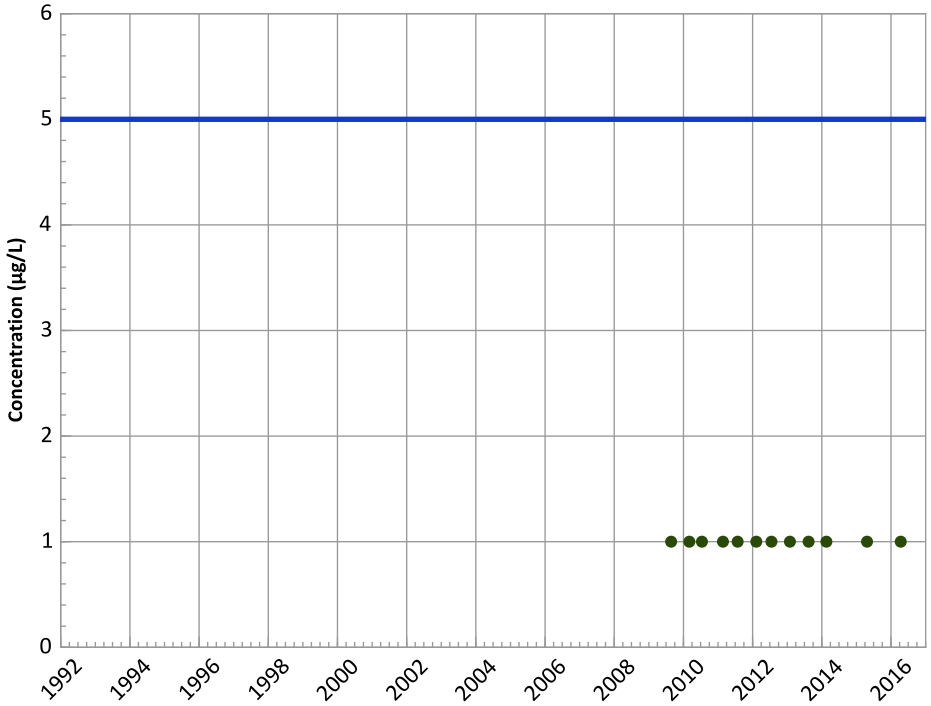
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

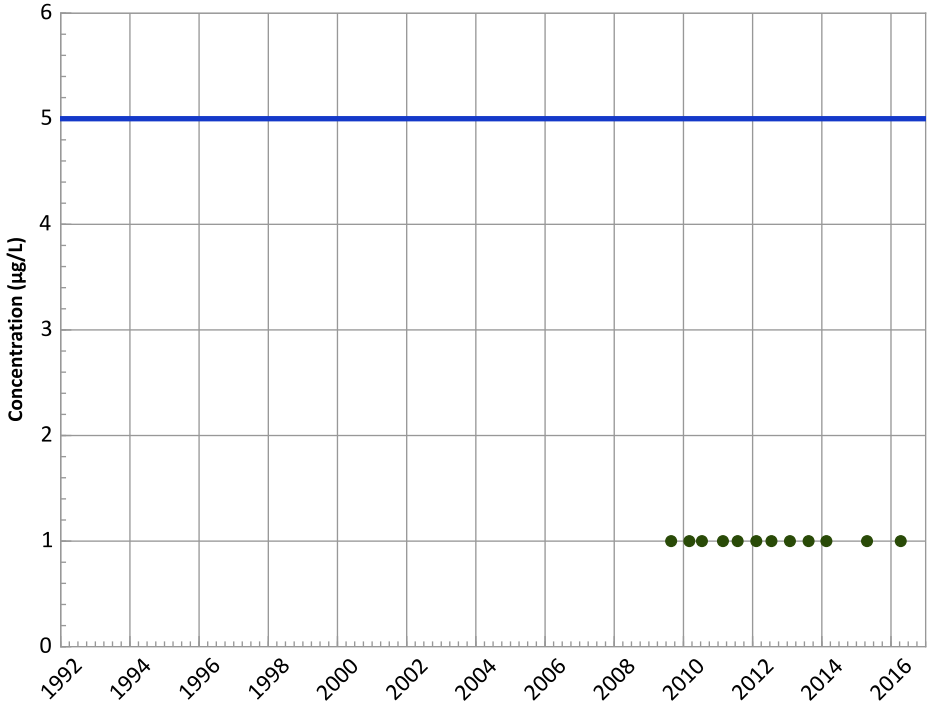


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

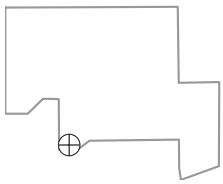
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/24/2009 to 04/13/2016
Analysis Date: 03/07/2017

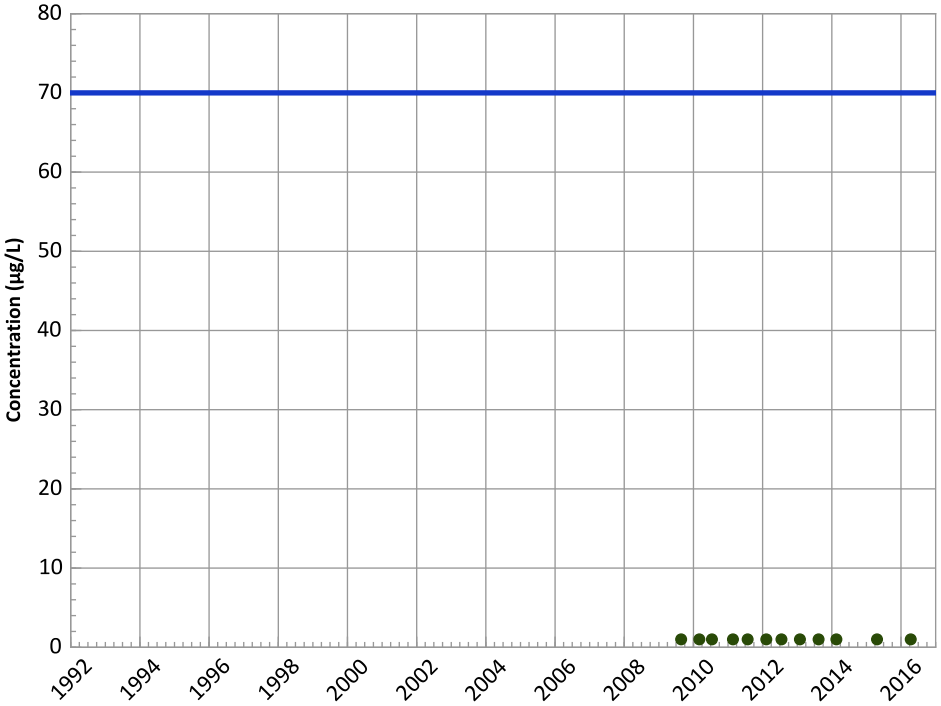
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

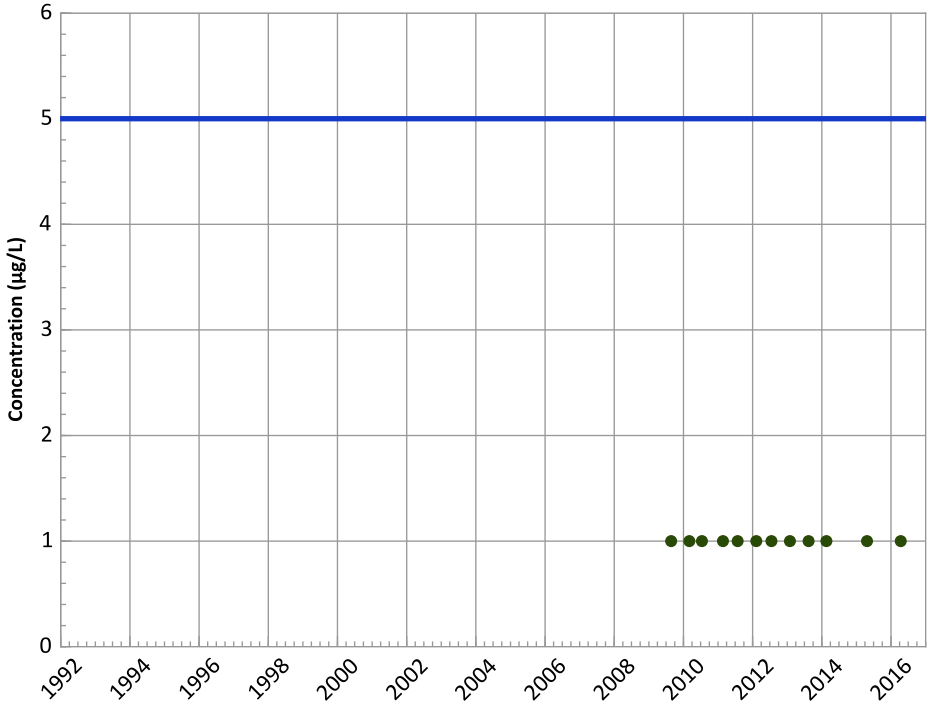


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

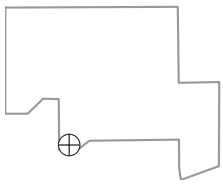
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/24/2009 to 04/13/2016
Analysis Date: 03/07/2017

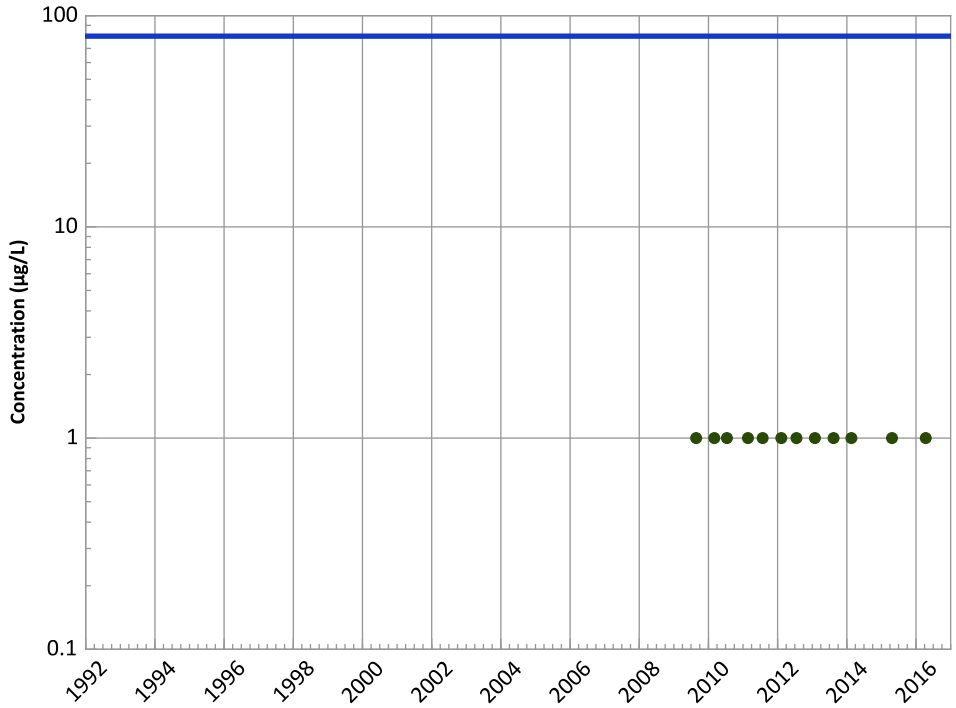
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

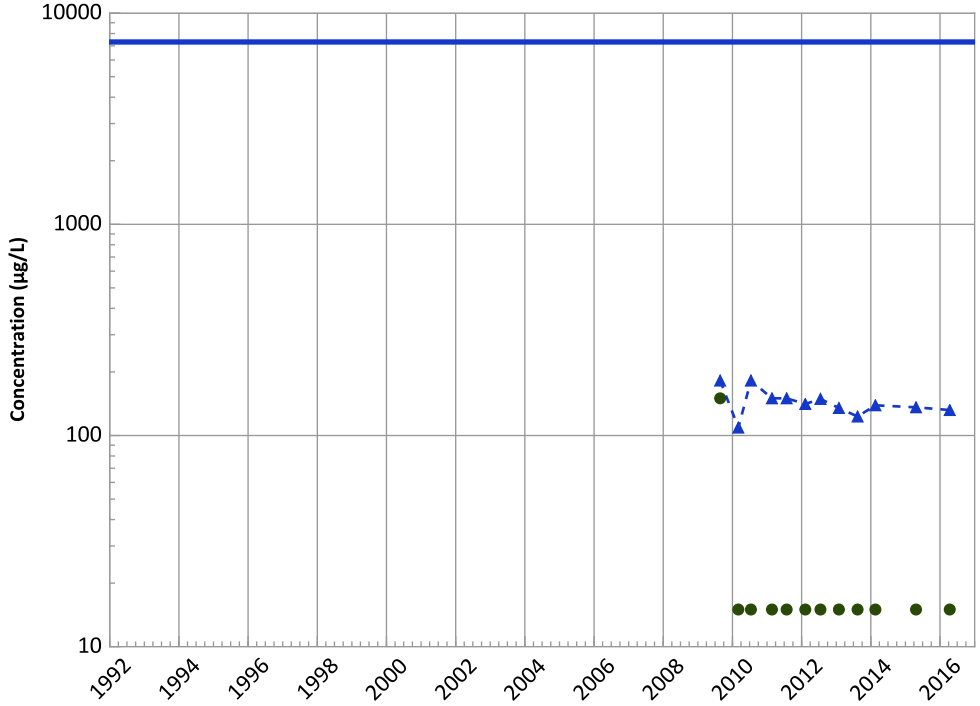


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Boron Trend



Concentration Trend

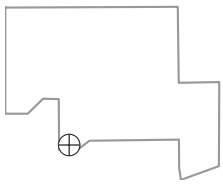
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/24/2009 to 04/13/2016
Analysis Date: 03/07/2017

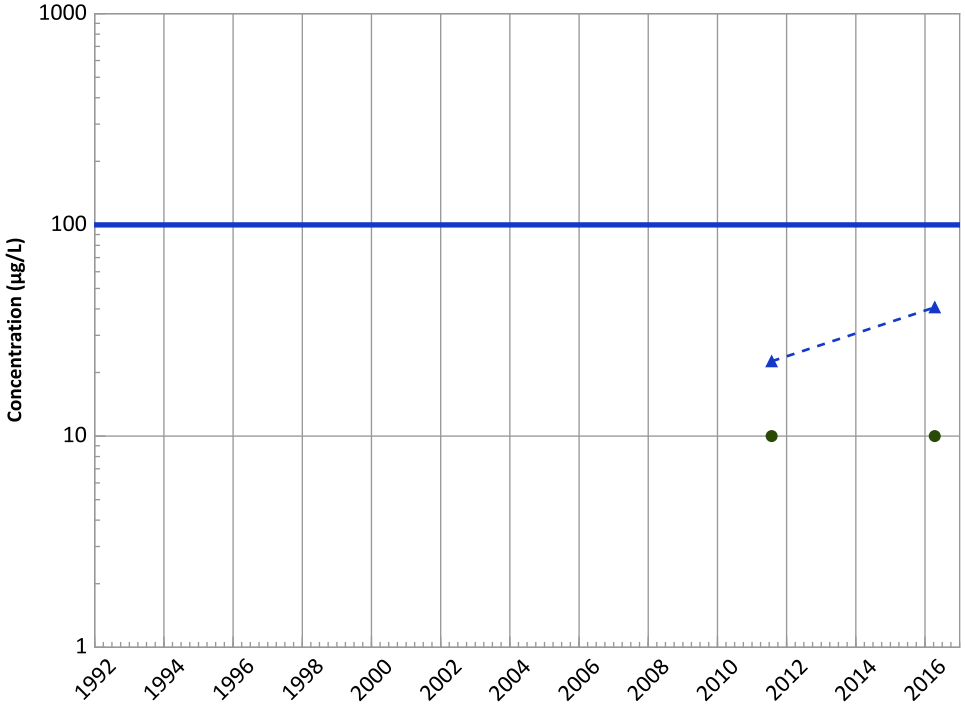
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

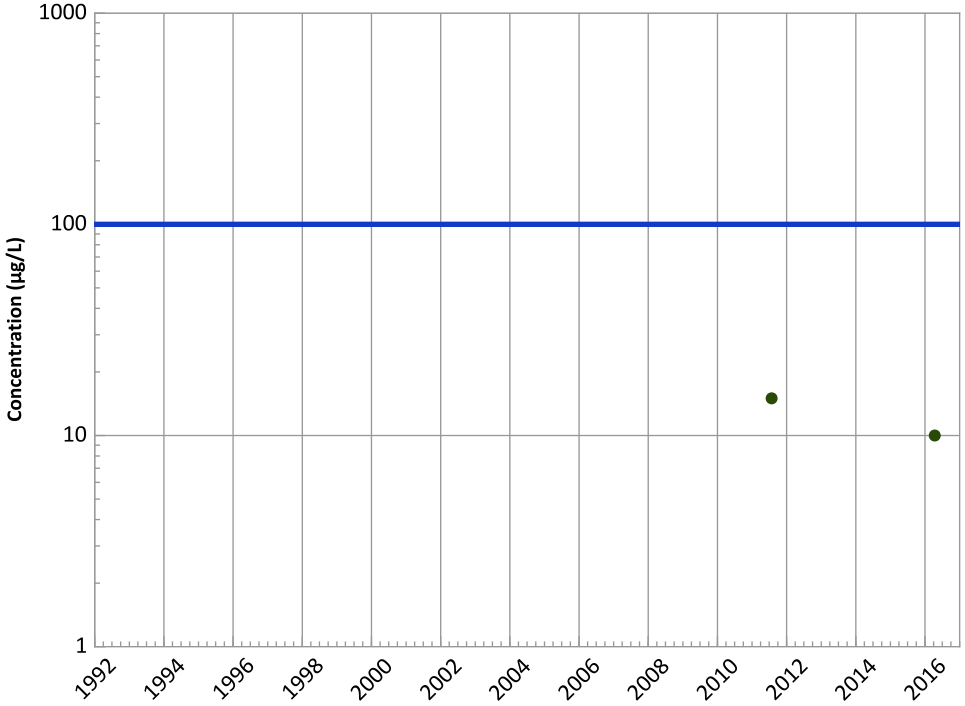


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Chromium, Hexavalent Trend



Concentration Trend

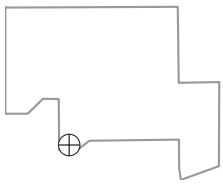
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/24/2009 to 04/13/2016
Analysis Date: 03/07/2017

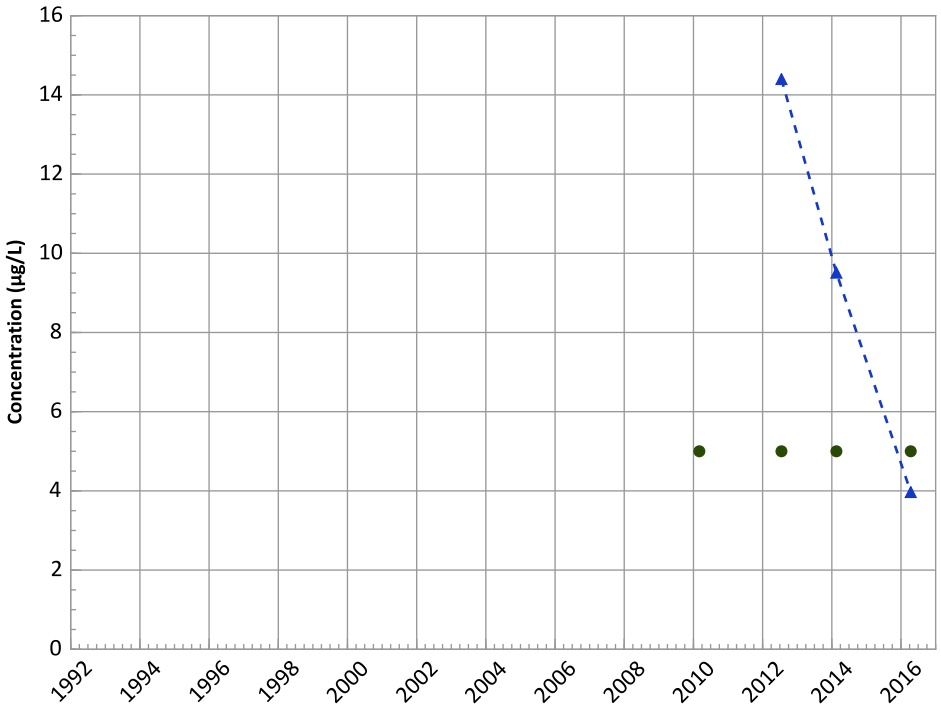
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

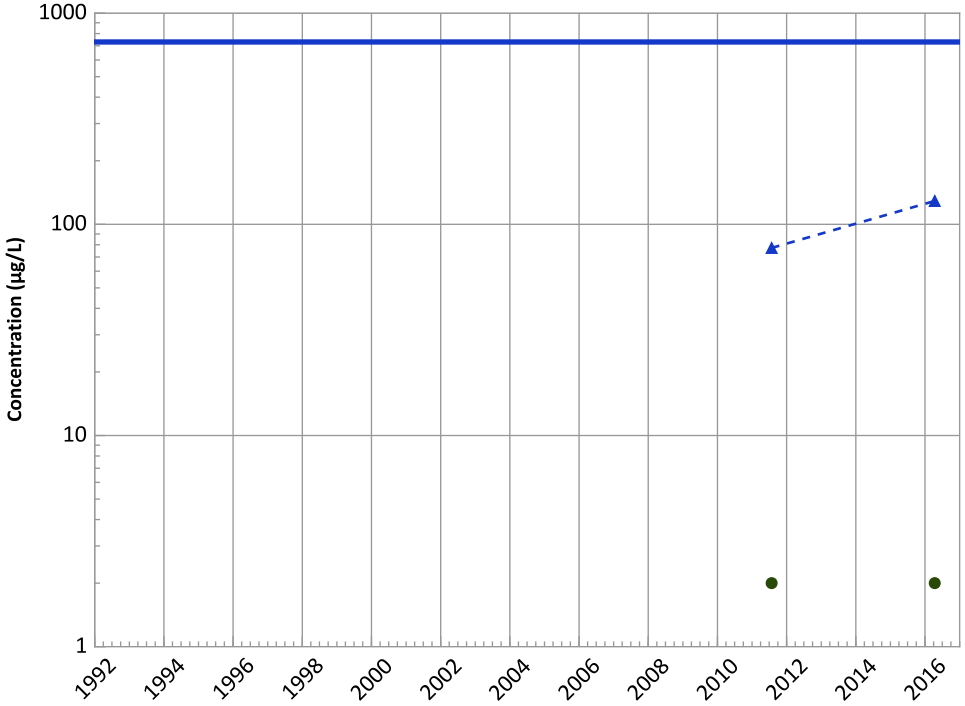


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Nickel Trend



Concentration Trend

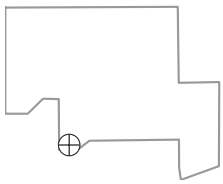
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/24/2009 to 04/13/2016
Analysis Date: 03/07/2017

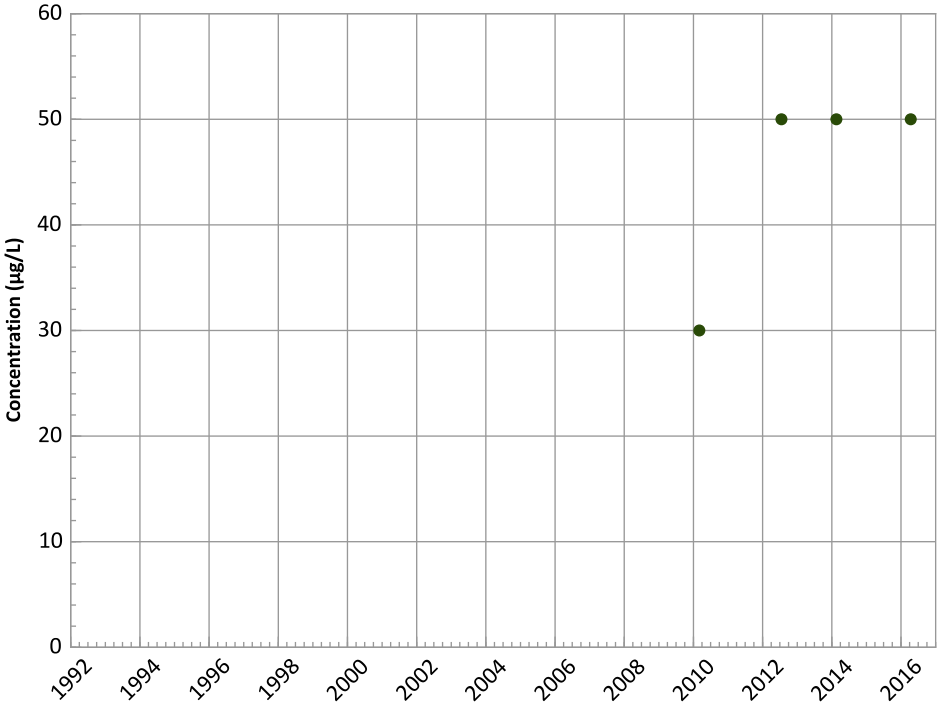
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

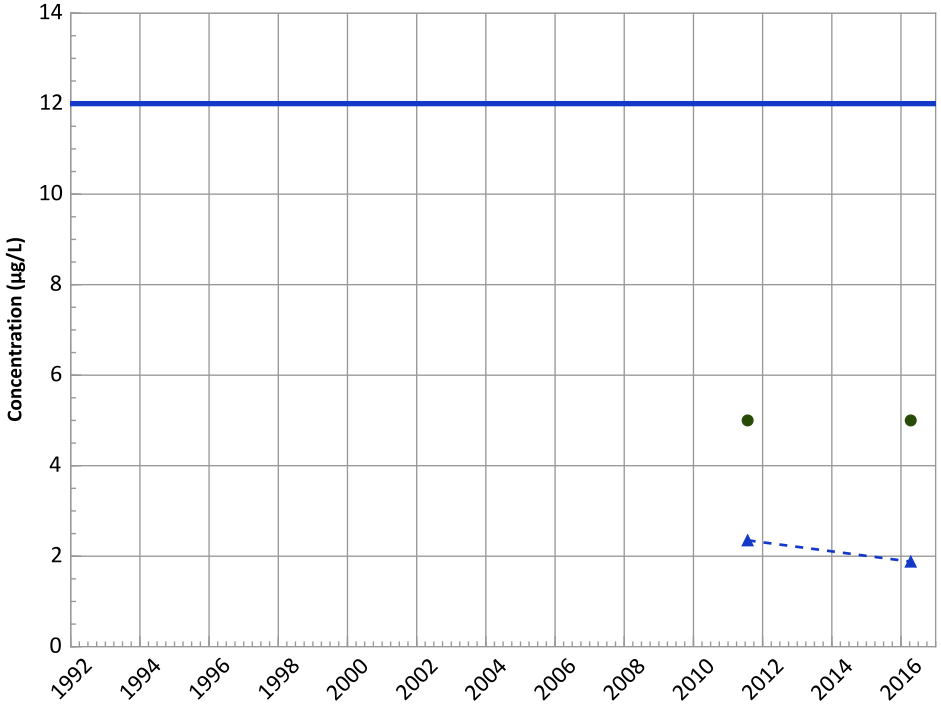


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Arsenic Trend



Concentration Trend

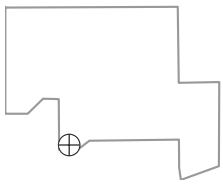
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/24/2009 to 04/13/2016
Analysis Date: 03/07/2017

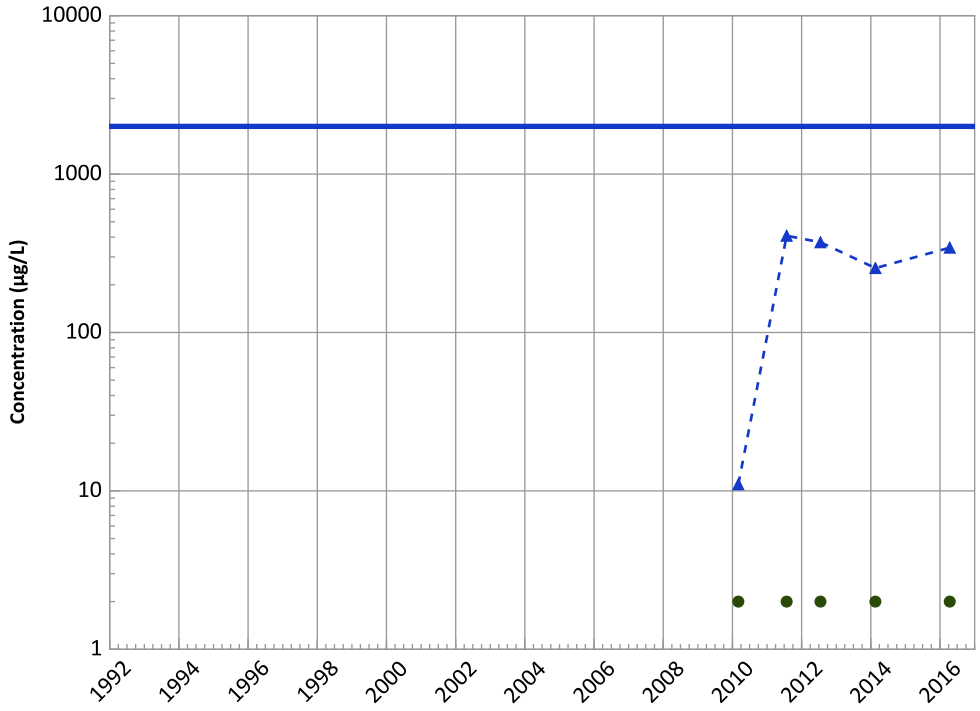
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

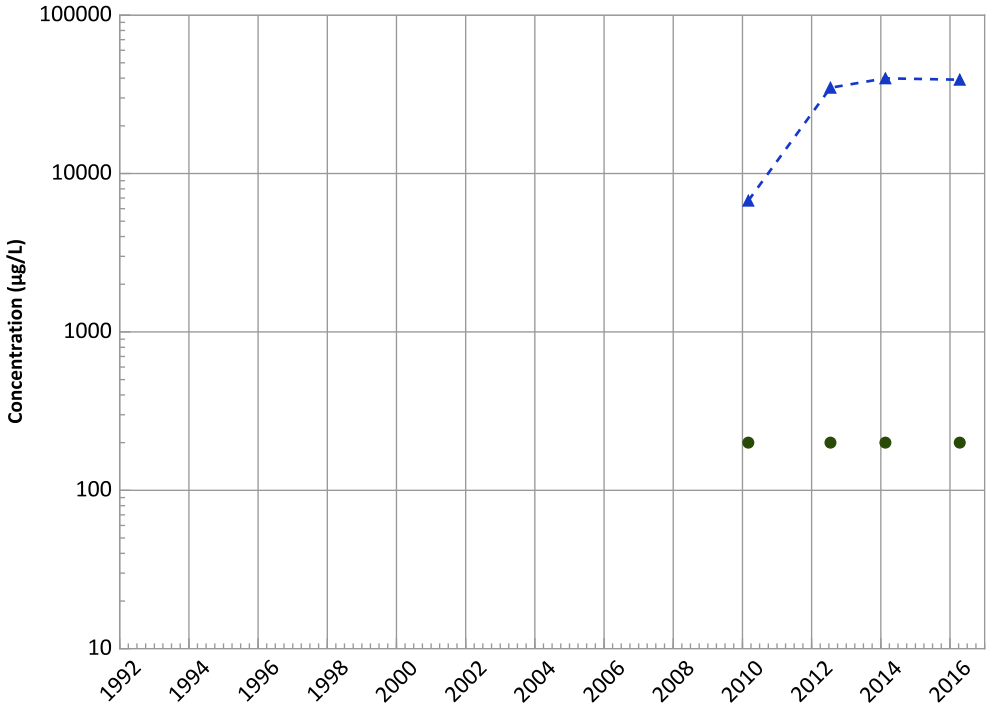


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Calcium Trend



Concentration Trend

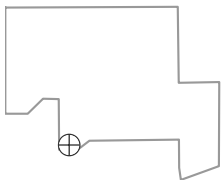
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/24/2009 to 04/13/2016
Analysis Date: 03/07/2017

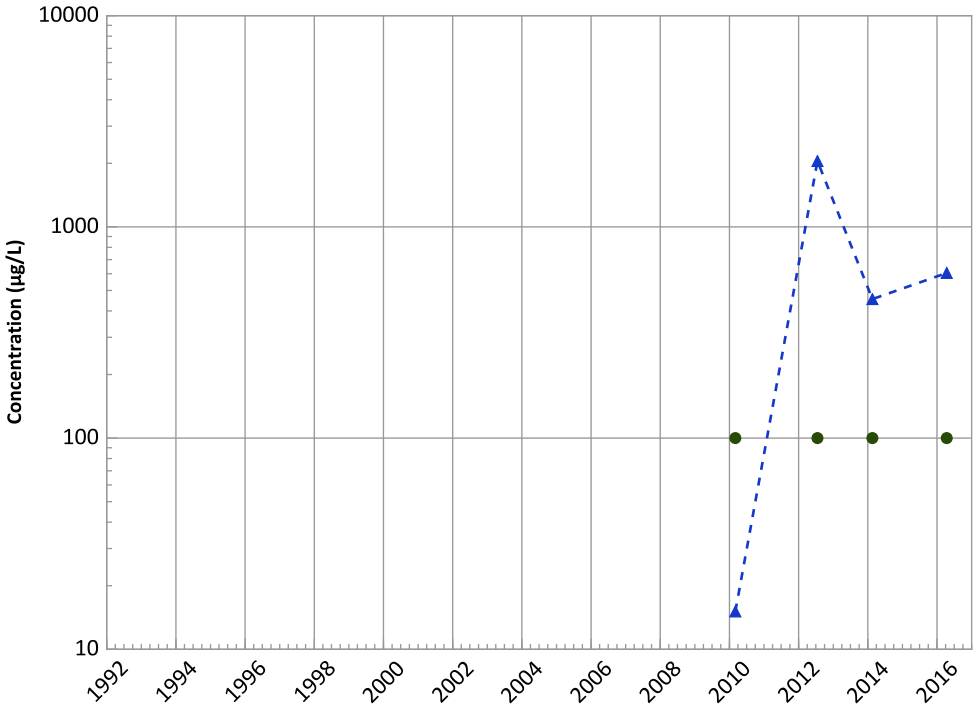
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
━ Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

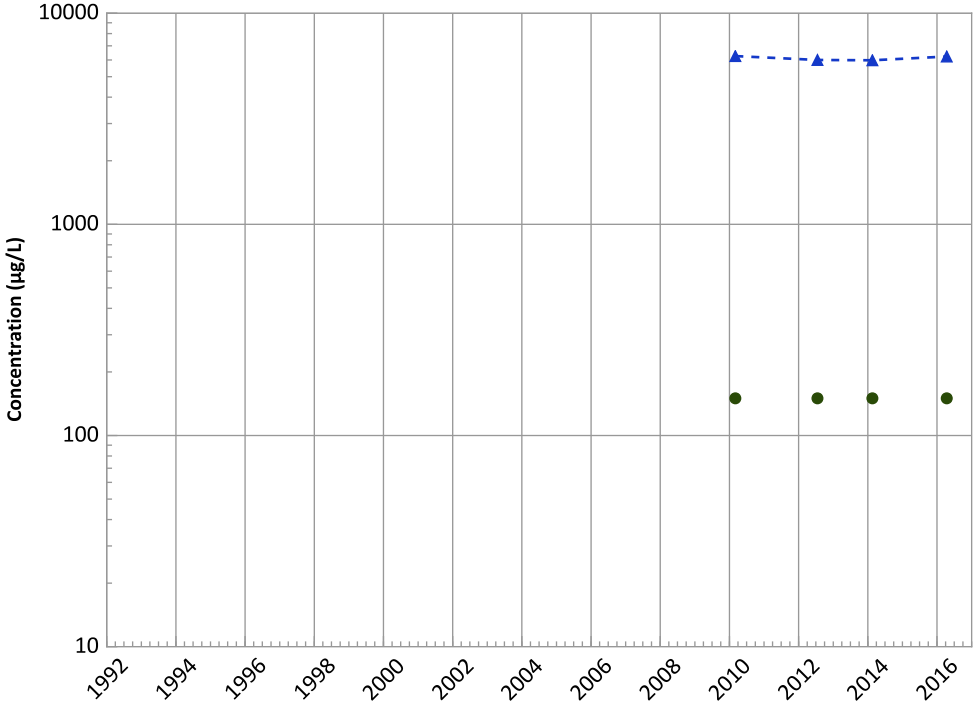


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Potassium Trend



Concentration Trend

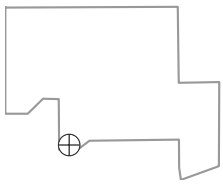
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/24/2009 to 04/13/2016
Analysis Date: 03/07/2017

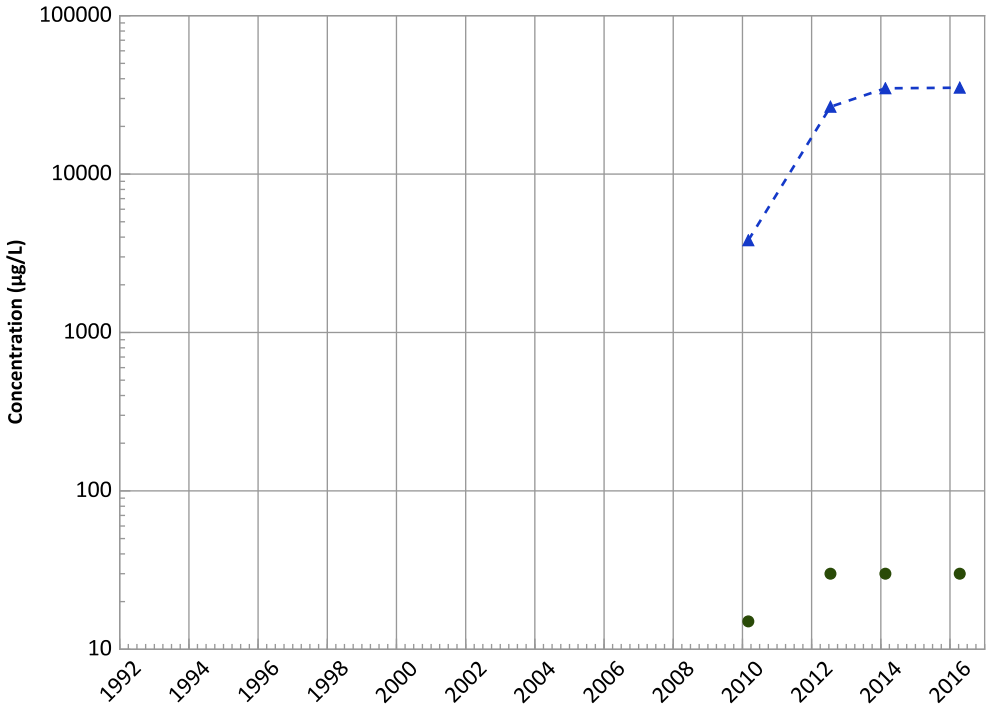
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

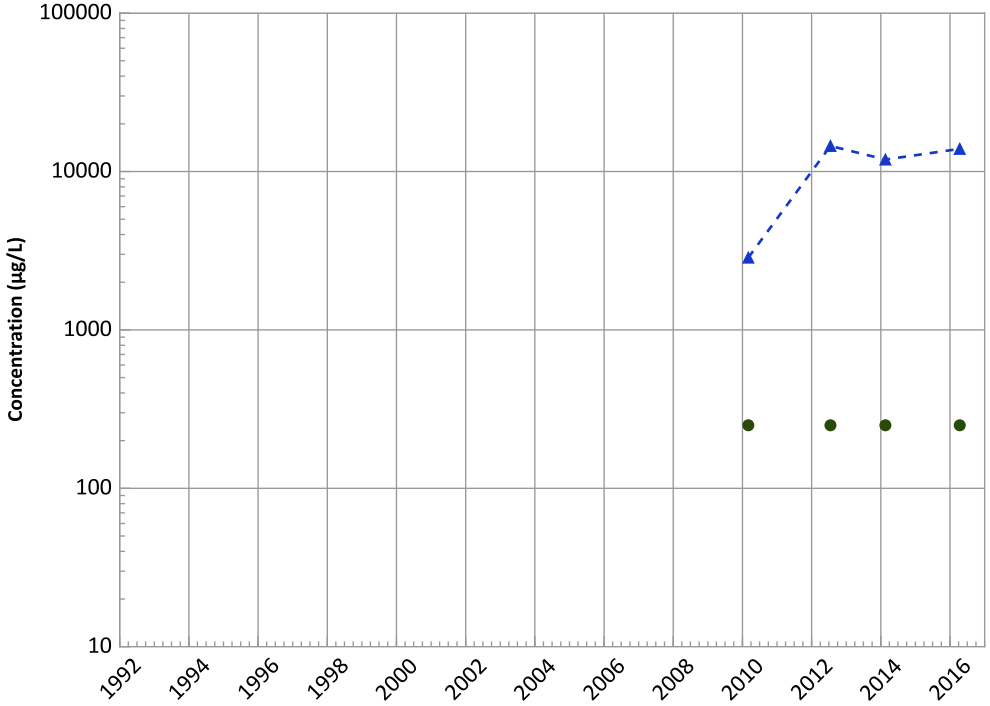


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

Sodium Trend



Concentration Trend

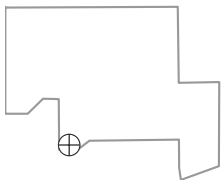
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

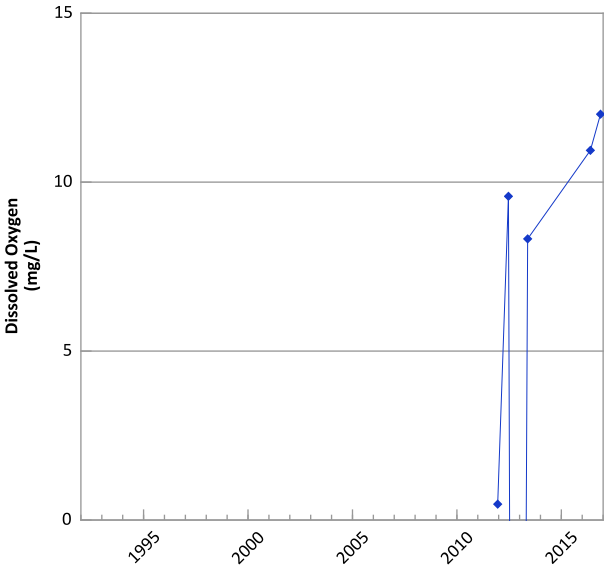
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/24/2009 to 04/13/2016
Analysis Date: 03/07/2017

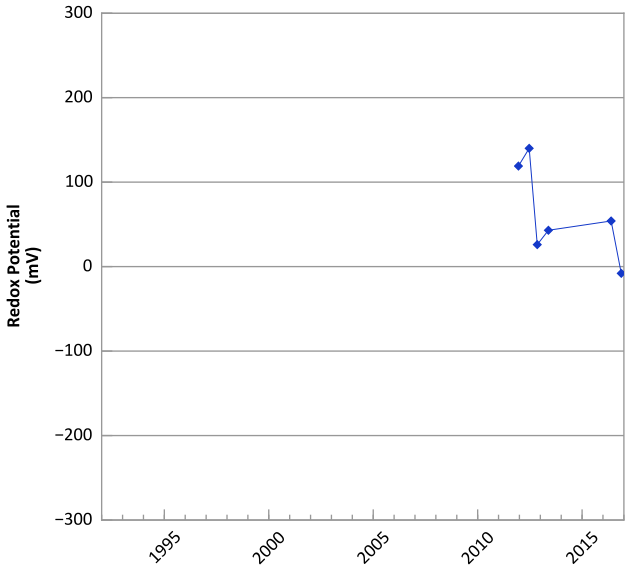
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
━ Groundwater Protection Standard

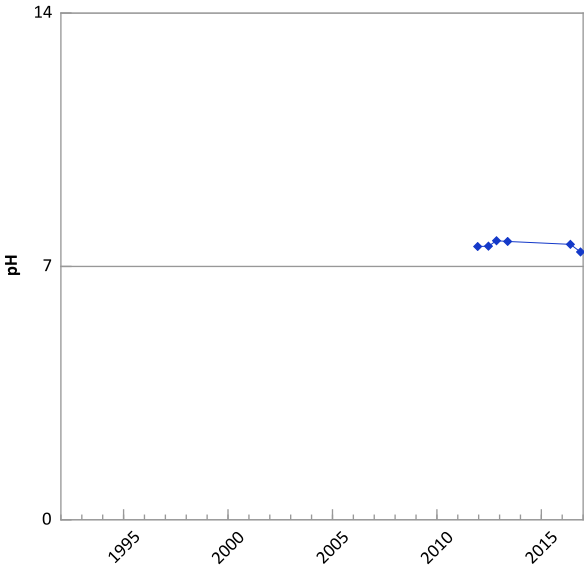
Well Location

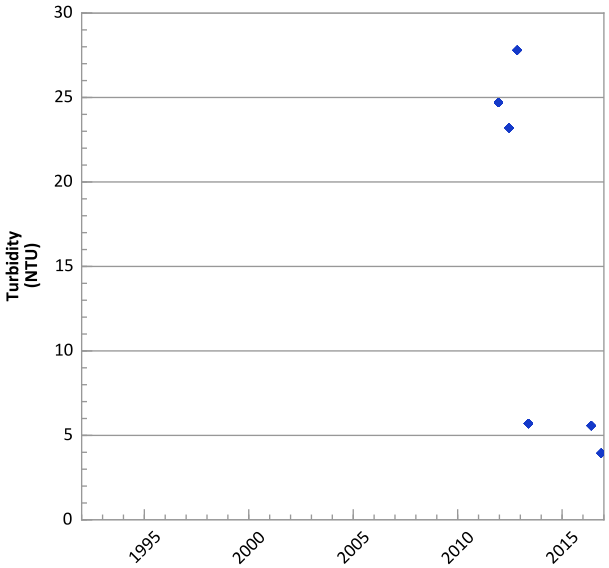


PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



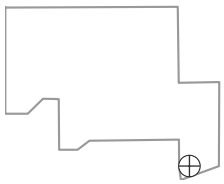






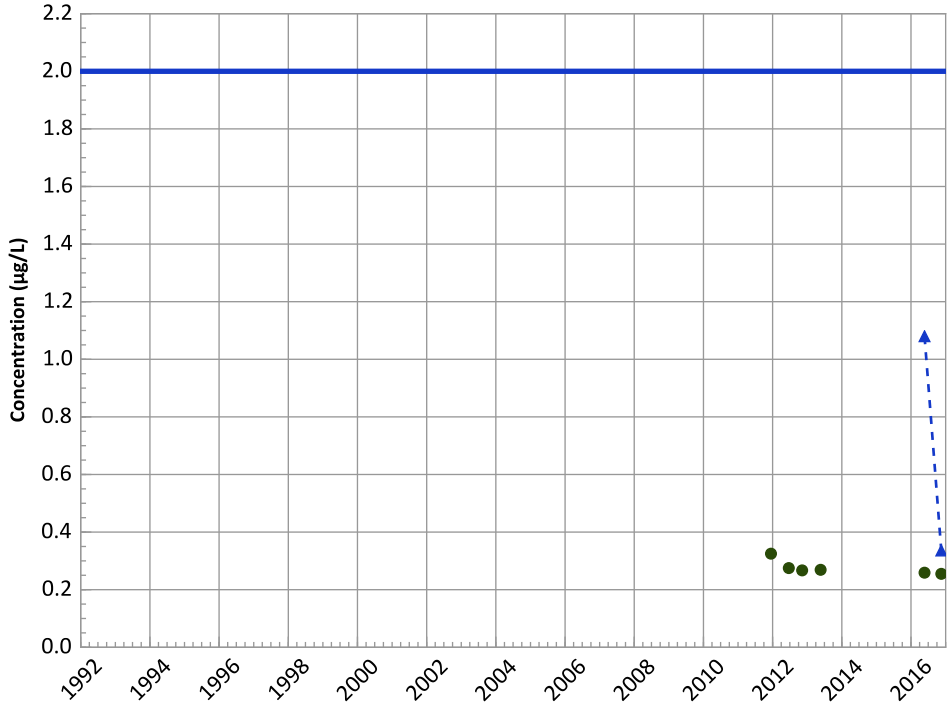
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/15/2011 to 11/16/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

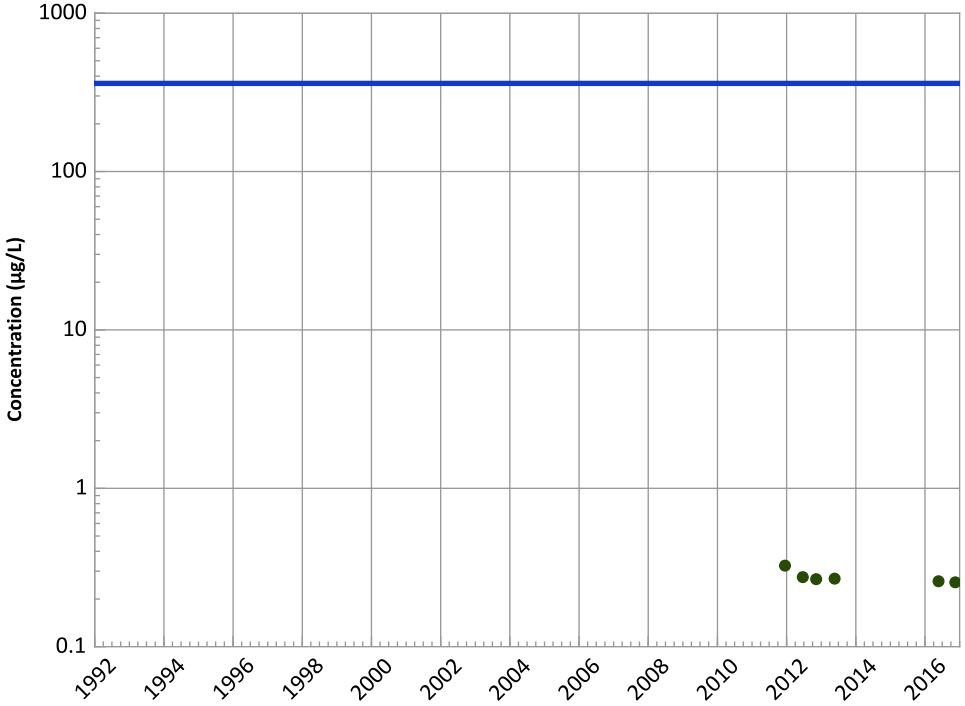


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

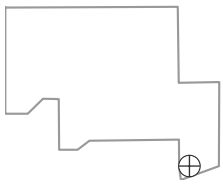
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/15/2011 to 11/16/2016
Analysis Date: 03/07/2017

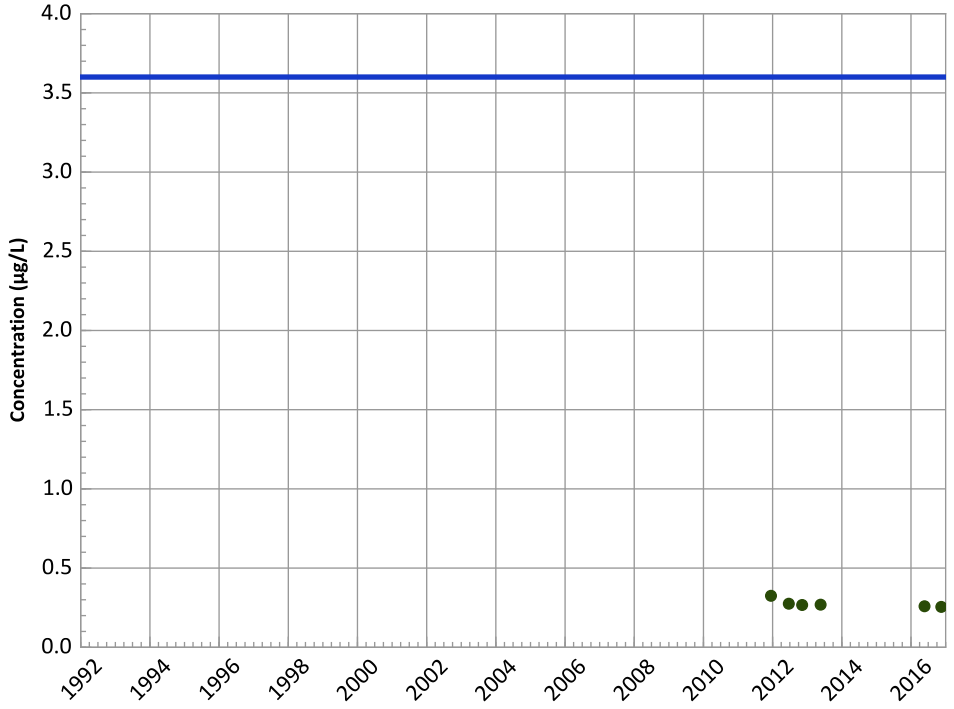
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

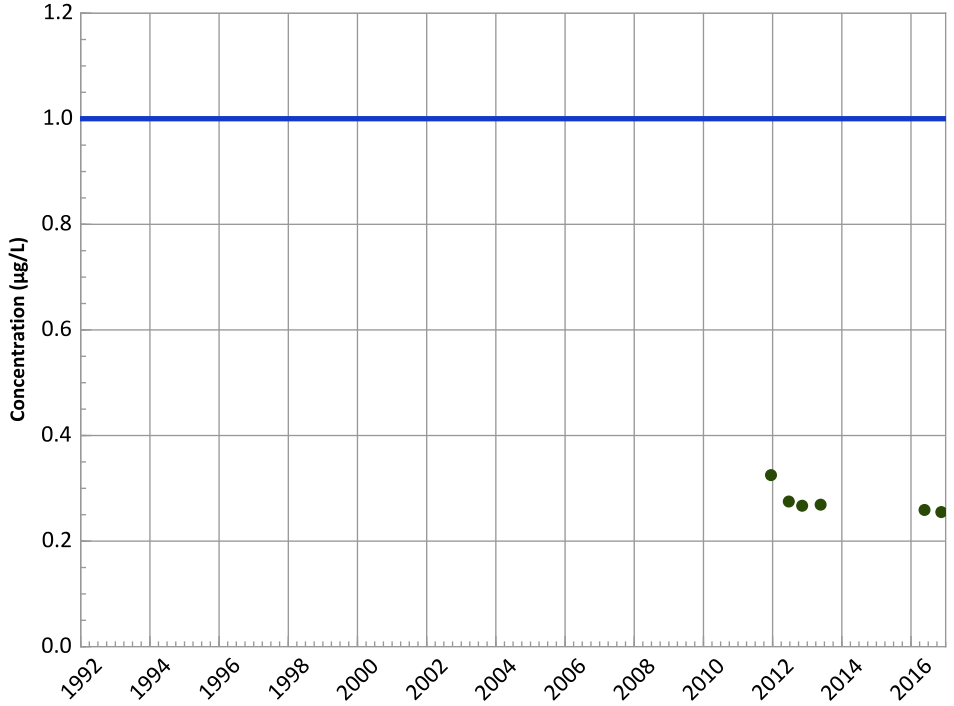


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

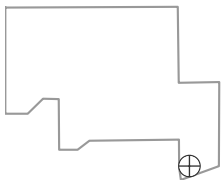
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/15/2011 to 11/16/2016
Analysis Date: 03/07/2017

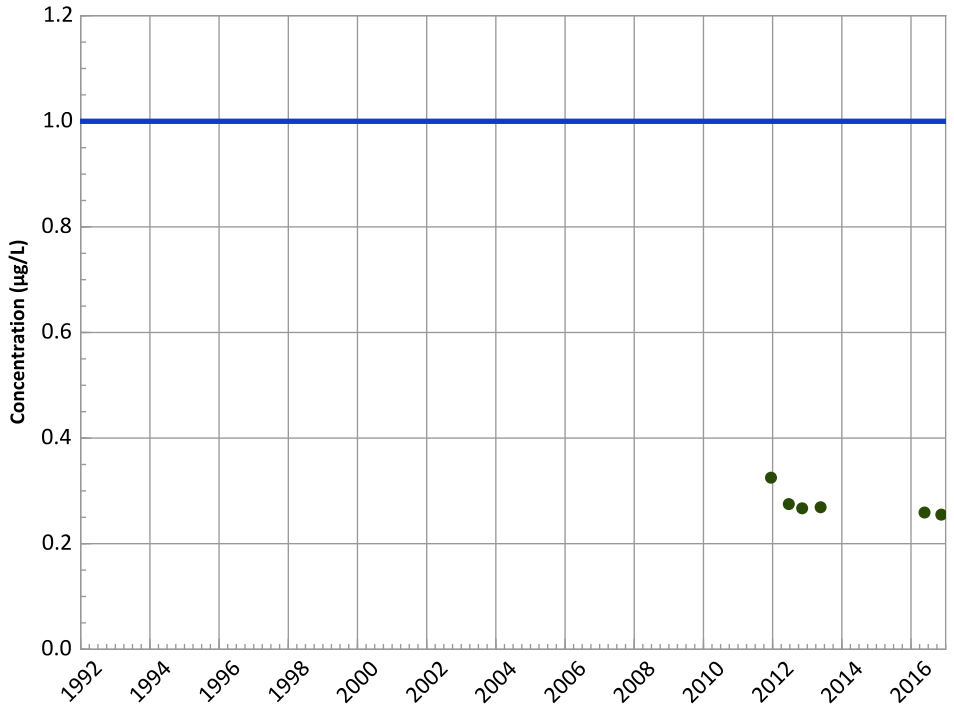
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

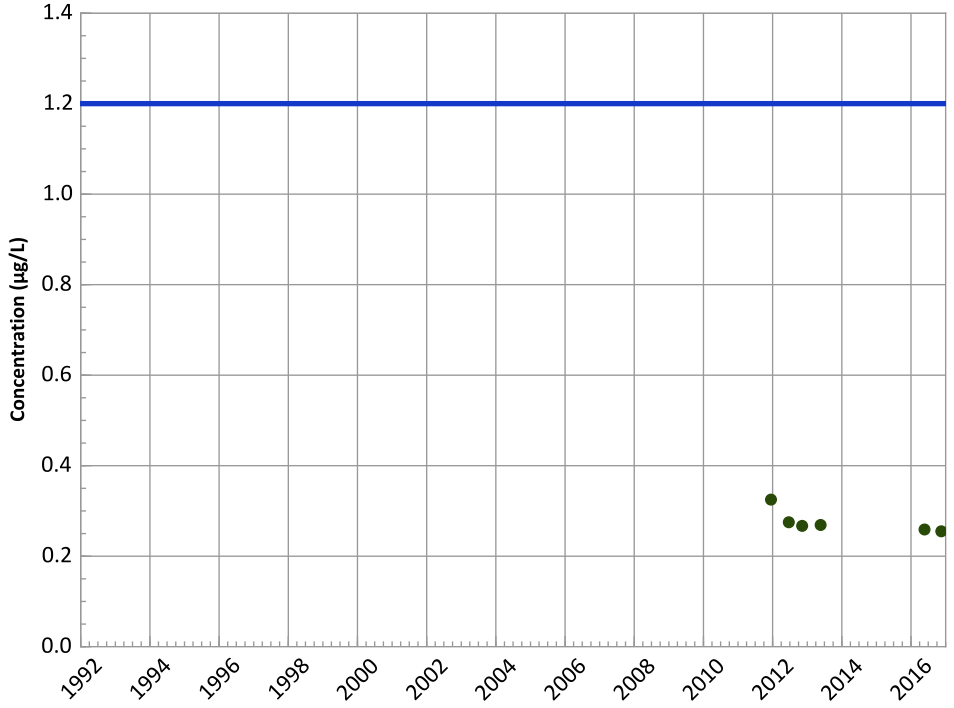


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

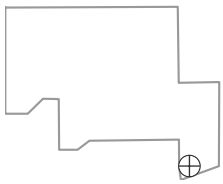
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/15/2011 to 11/16/2016
Analysis Date: 03/07/2017

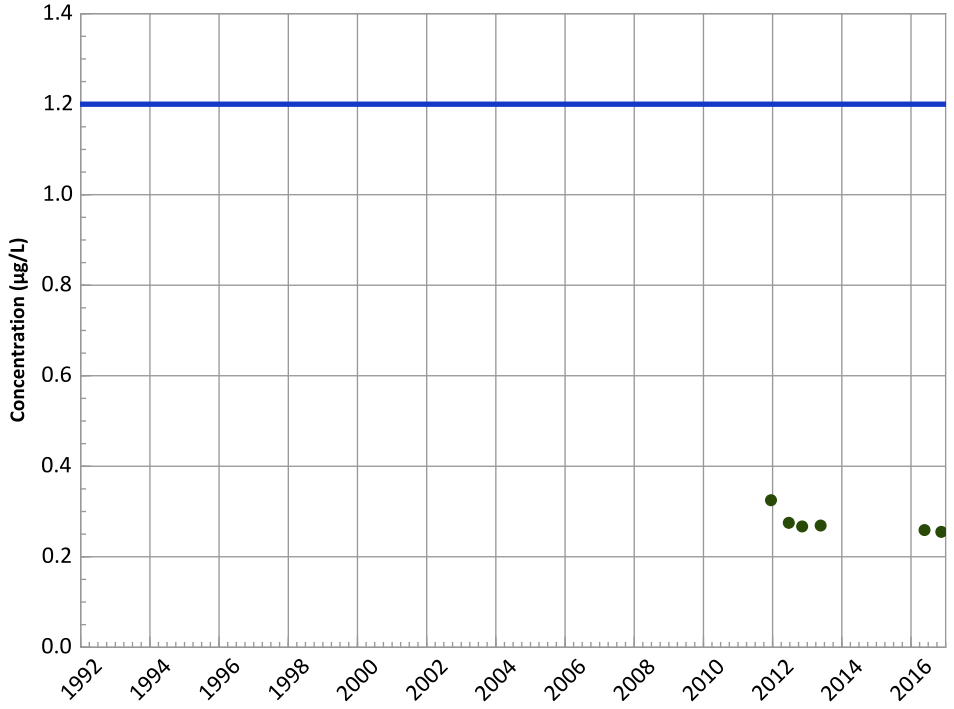
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

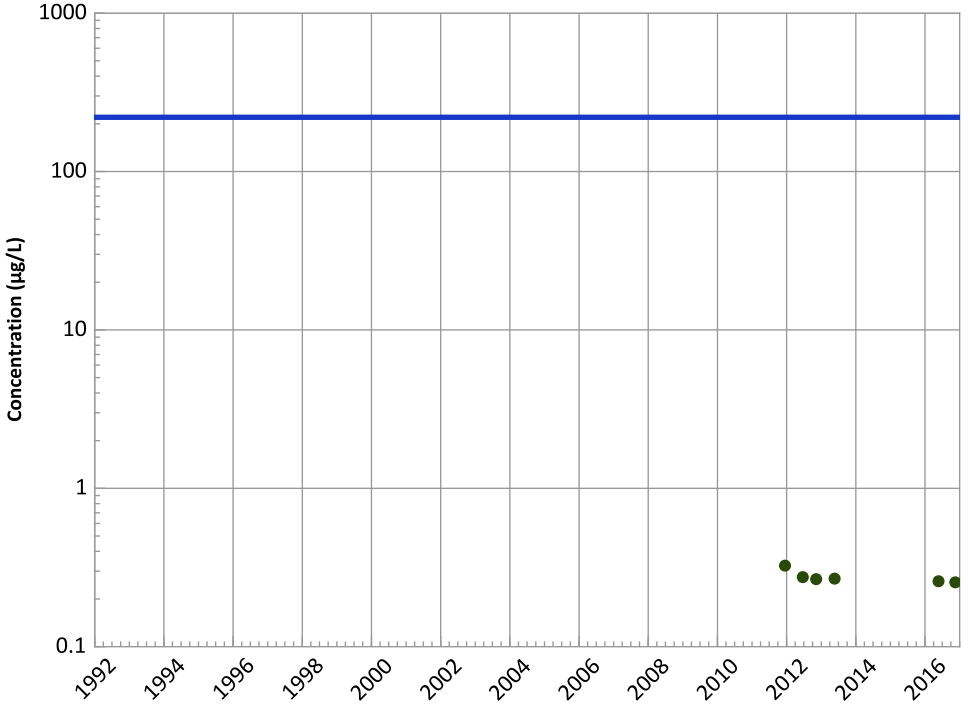


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

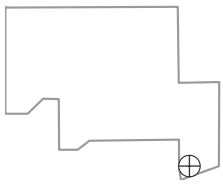
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/15/2011 to 11/16/2016
Analysis Date: 03/07/2017

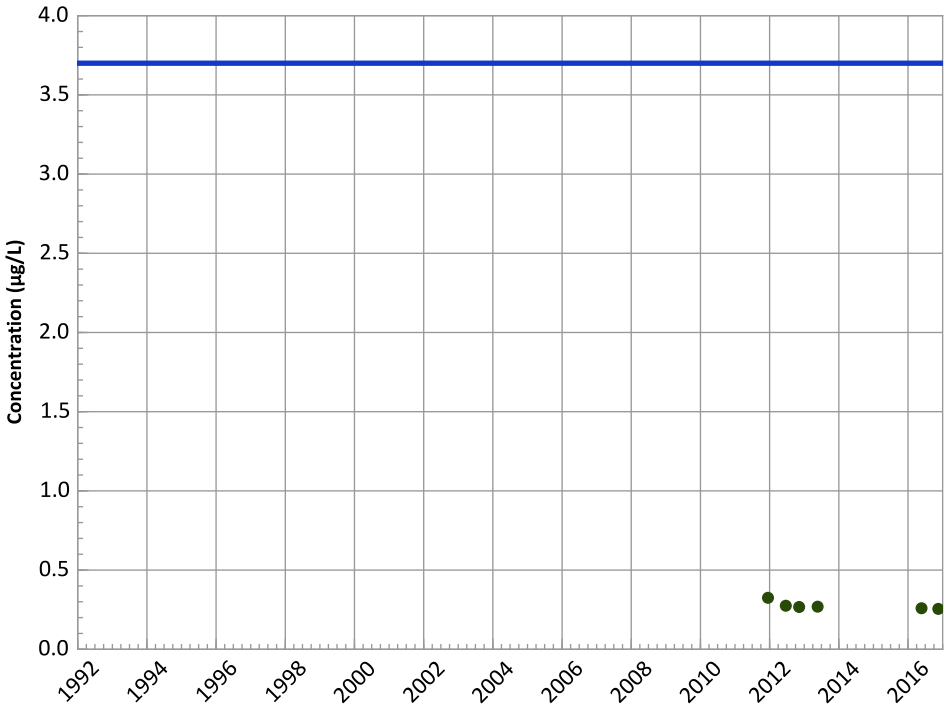
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

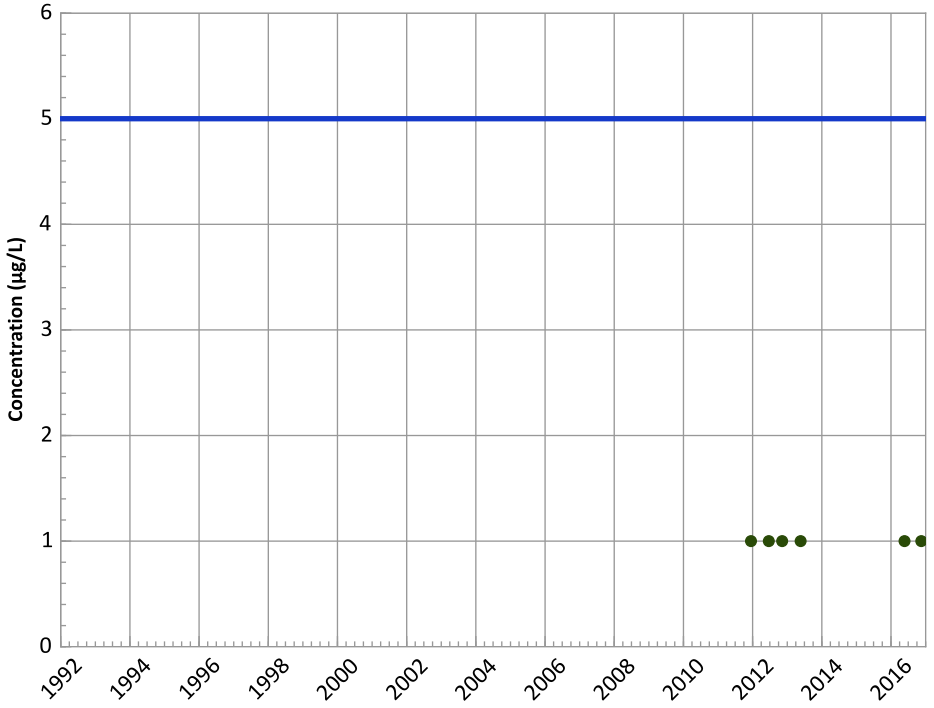


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

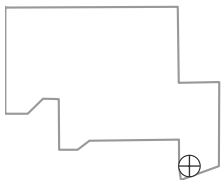
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/15/2011 to 11/16/2016
Analysis Date: 03/07/2017

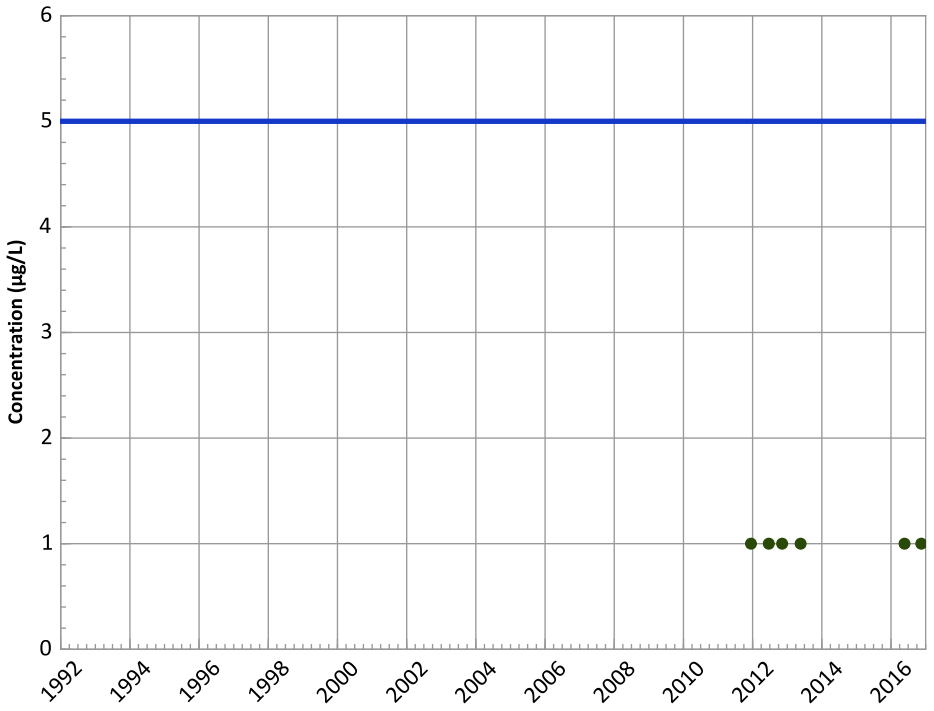
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

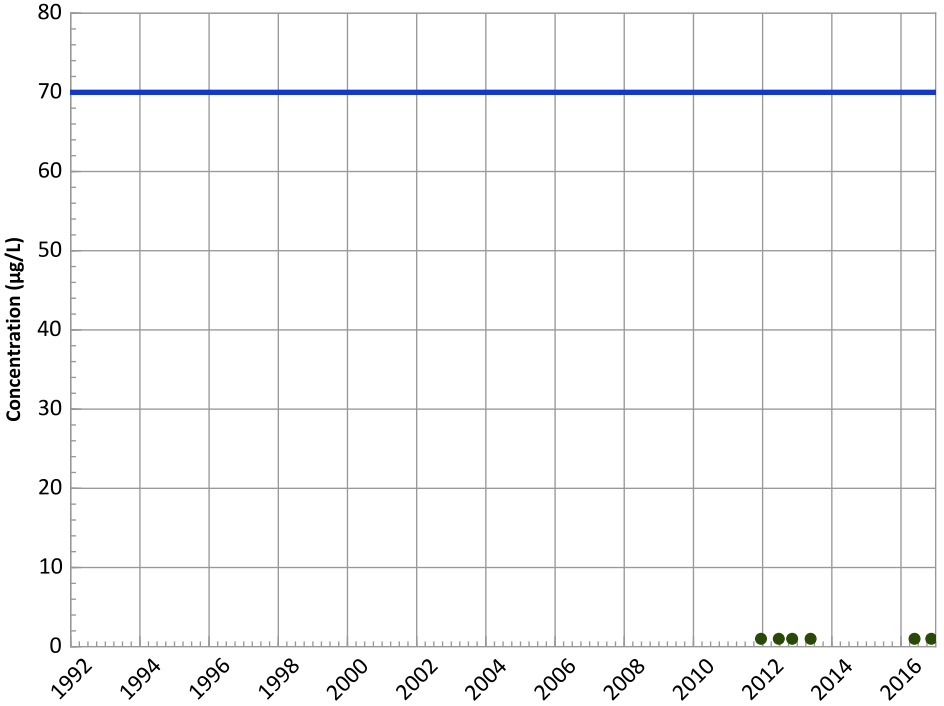


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

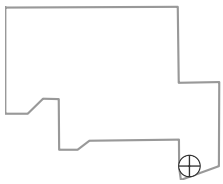
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/15/2011 to 11/16/2016
Analysis Date: 03/07/2017

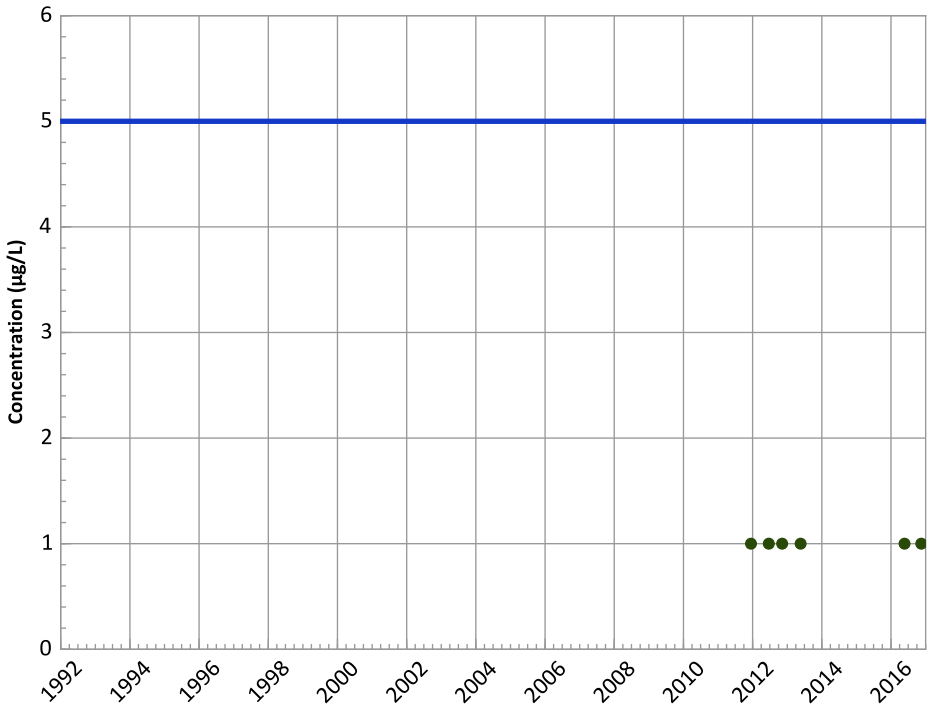
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

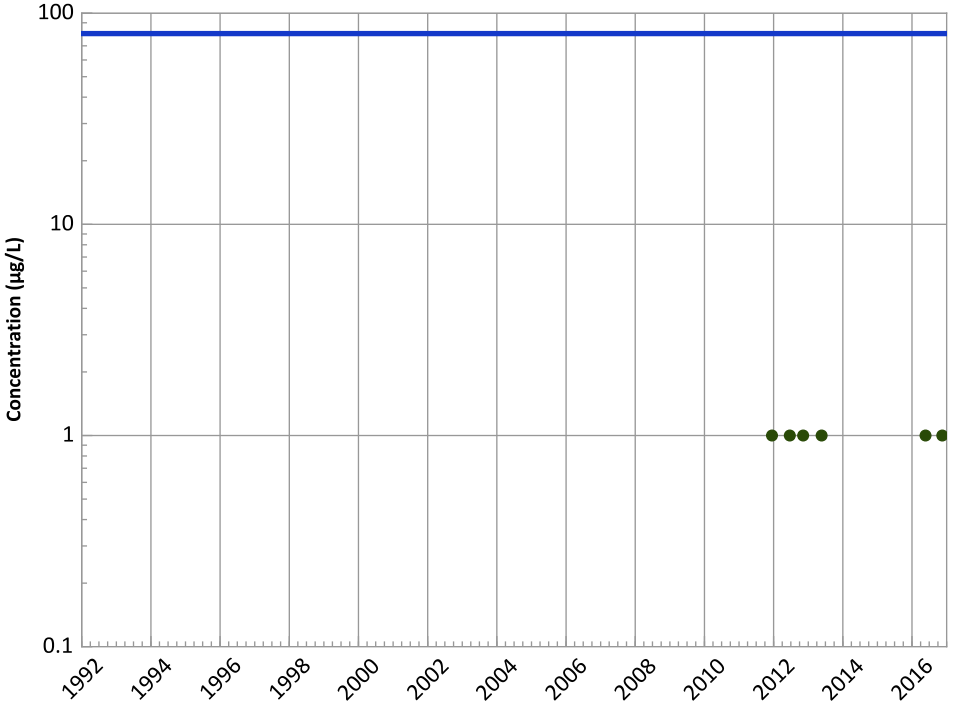


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Chloroform Trend



Concentration Trend

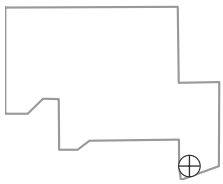
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/15/2011 to 11/16/2016
Analysis Date: 03/07/2017

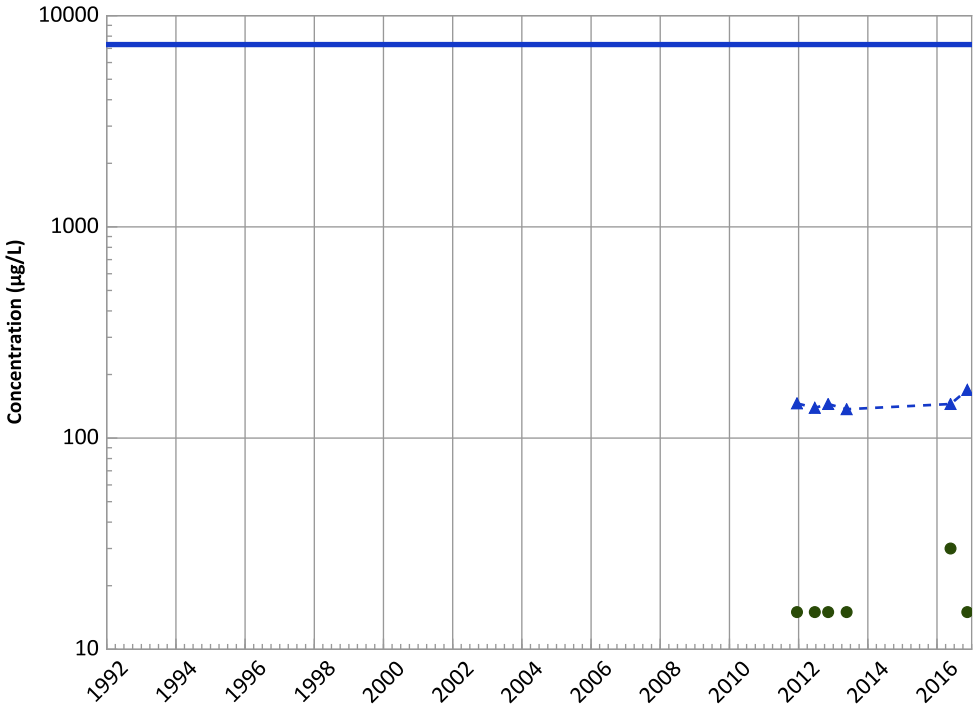
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

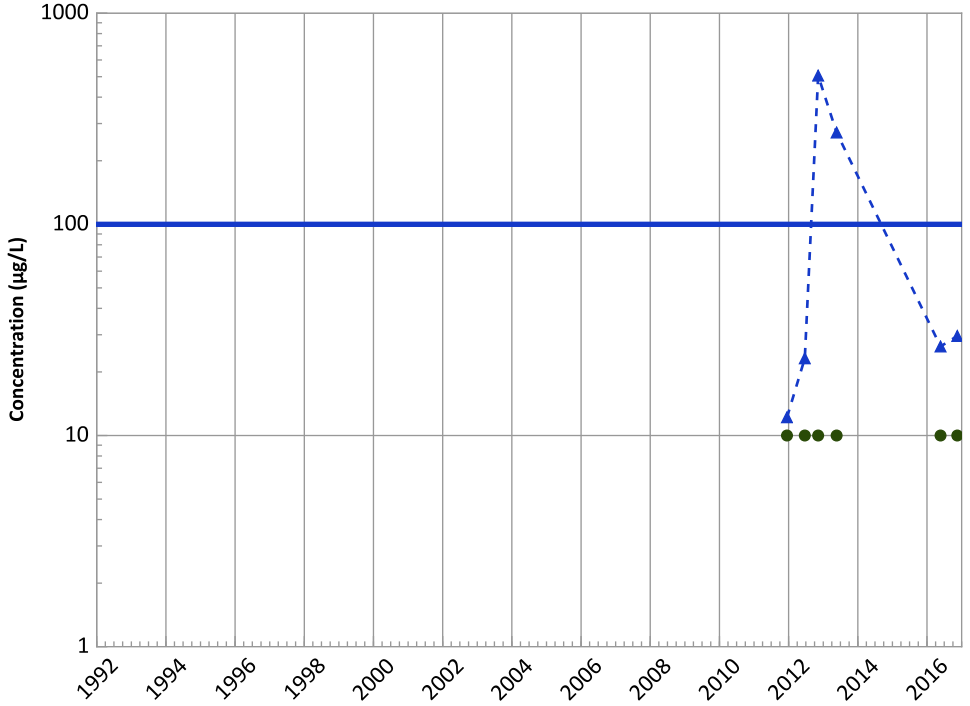


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

Chromium, Total Trend



Concentration Trend

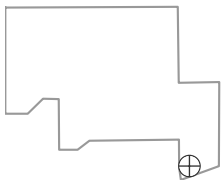
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/15/2011 to 11/16/2016
Analysis Date: 03/07/2017

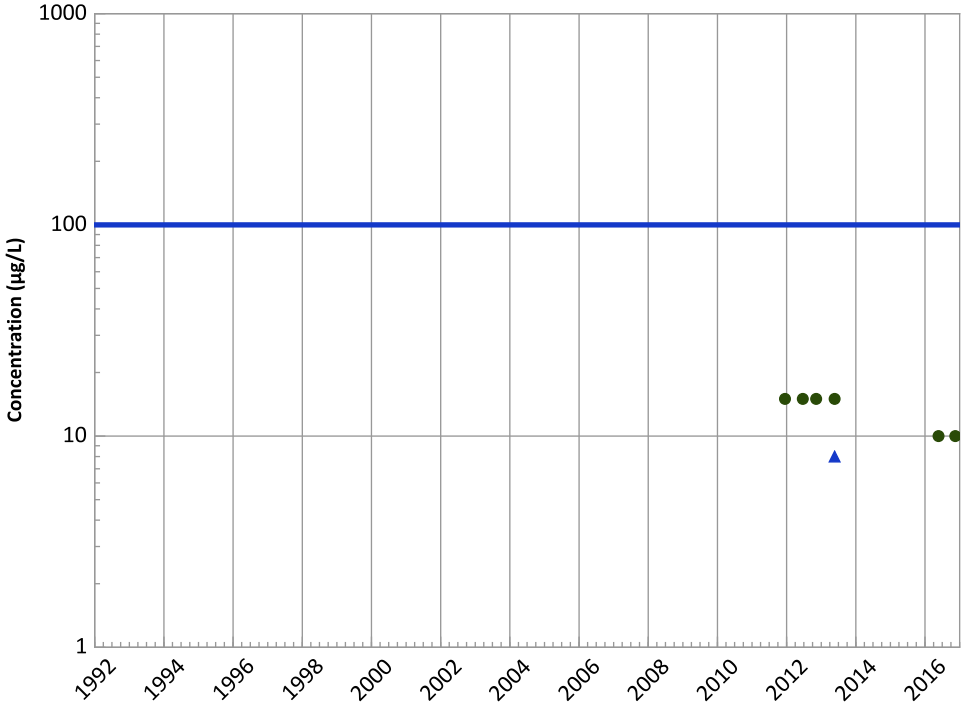
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

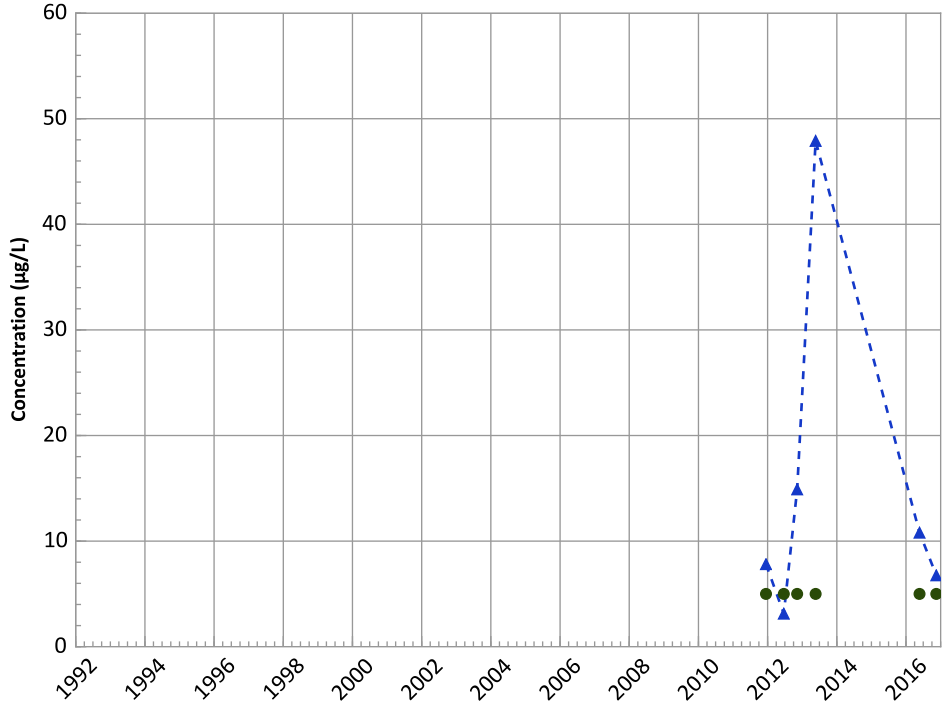


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

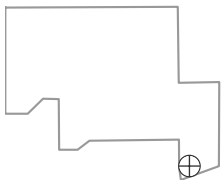
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/15/2011 to 11/16/2016
Analysis Date: 03/07/2017

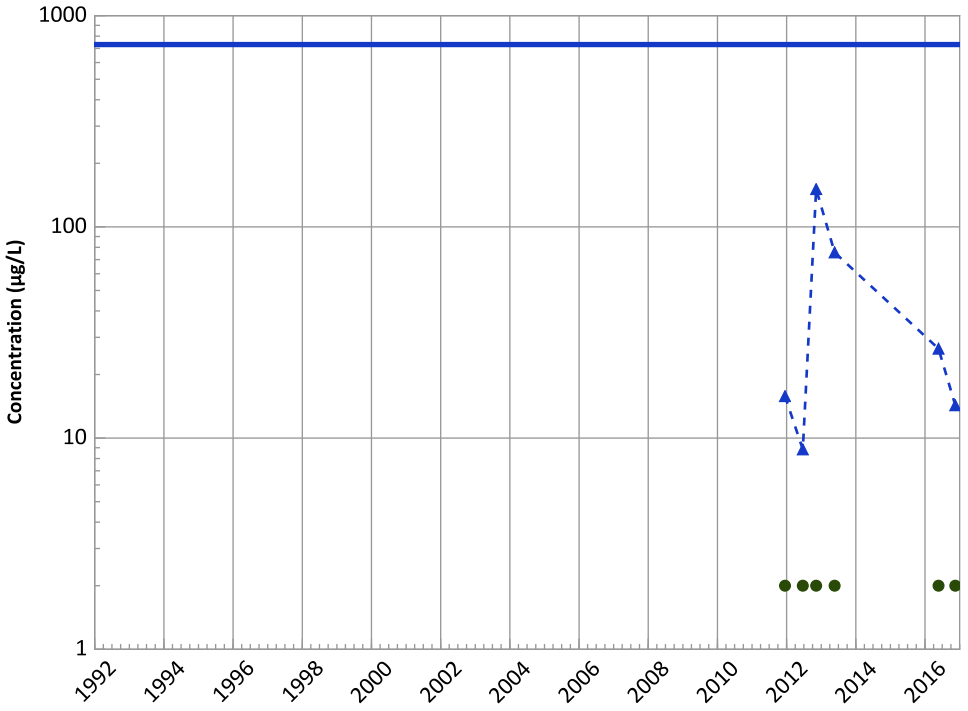
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

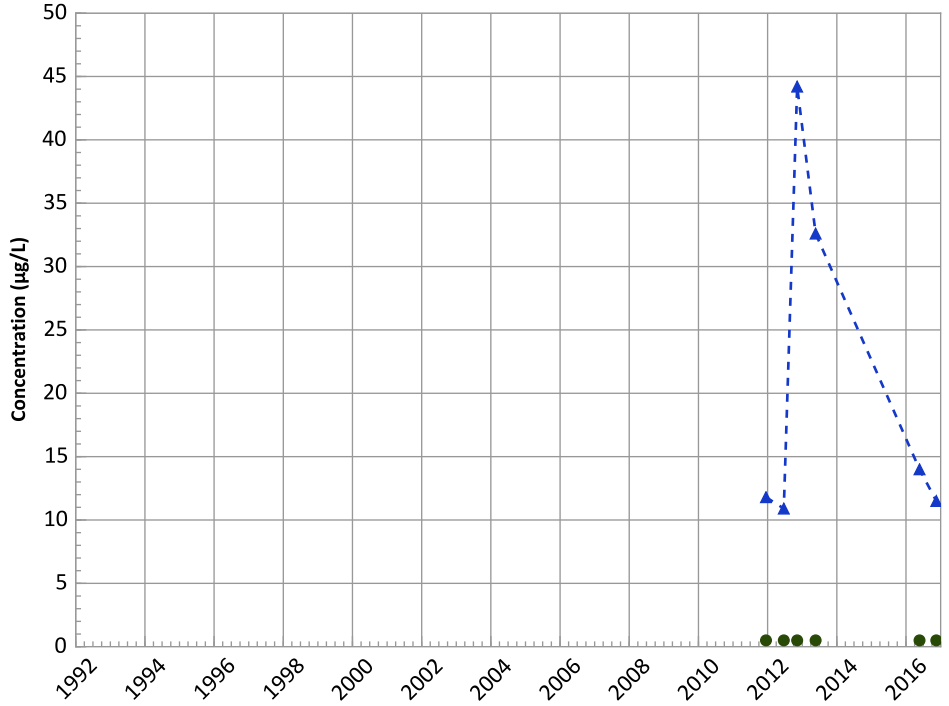


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Molybdenum Trend



Concentration Trend

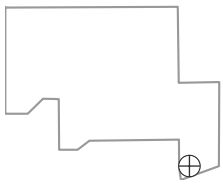
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/15/2011 to 11/16/2016
Analysis Date: 03/07/2017

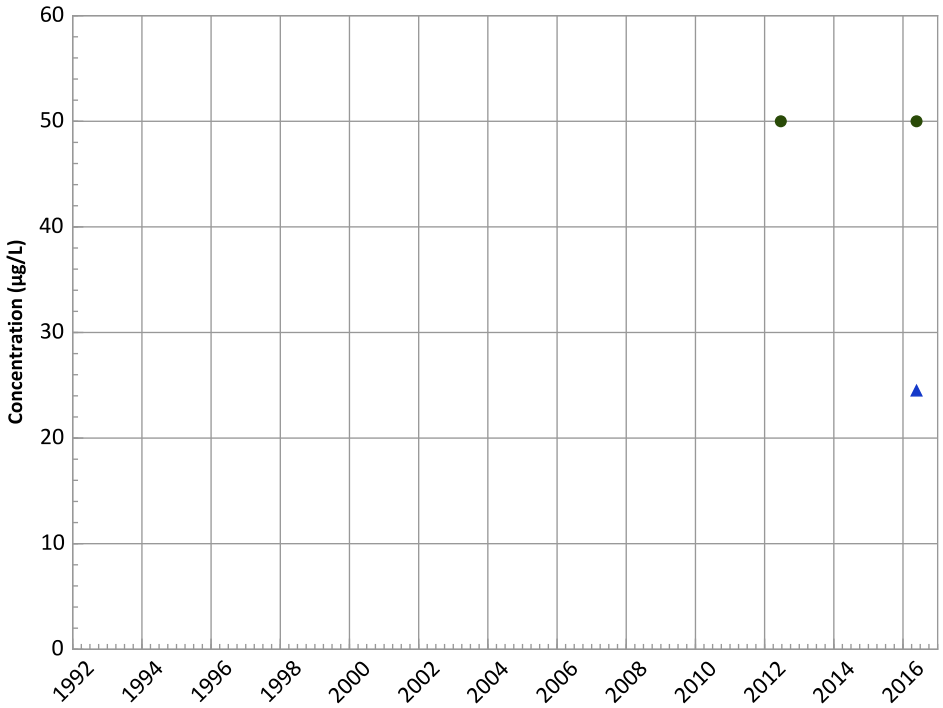
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

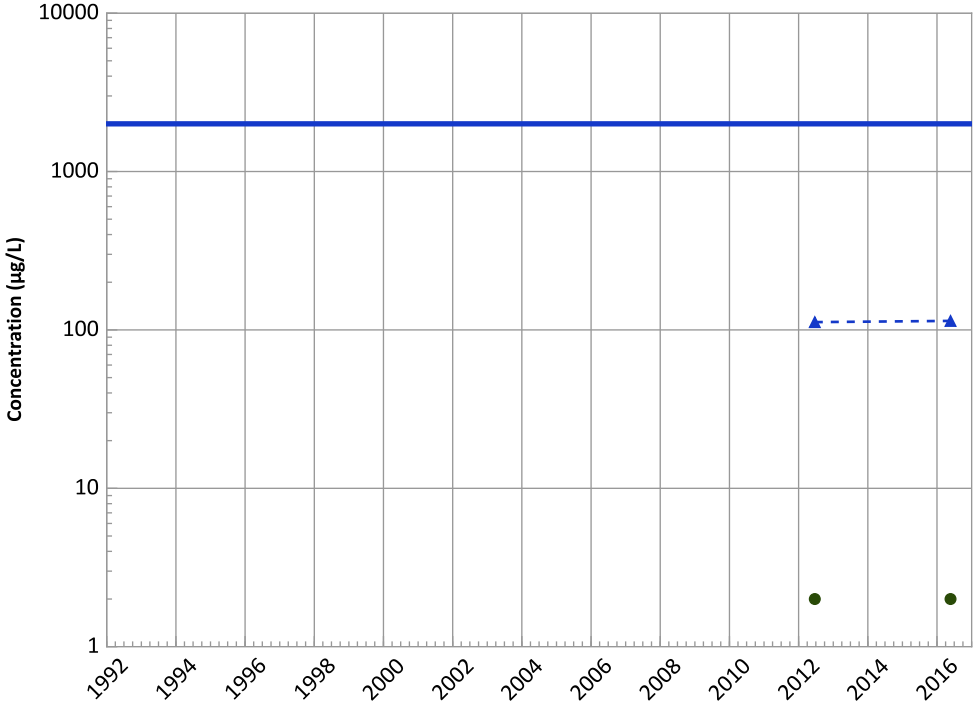


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

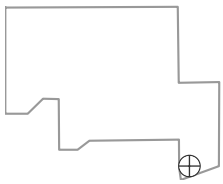
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/15/2011 to 11/16/2016
Analysis Date: 03/07/2017

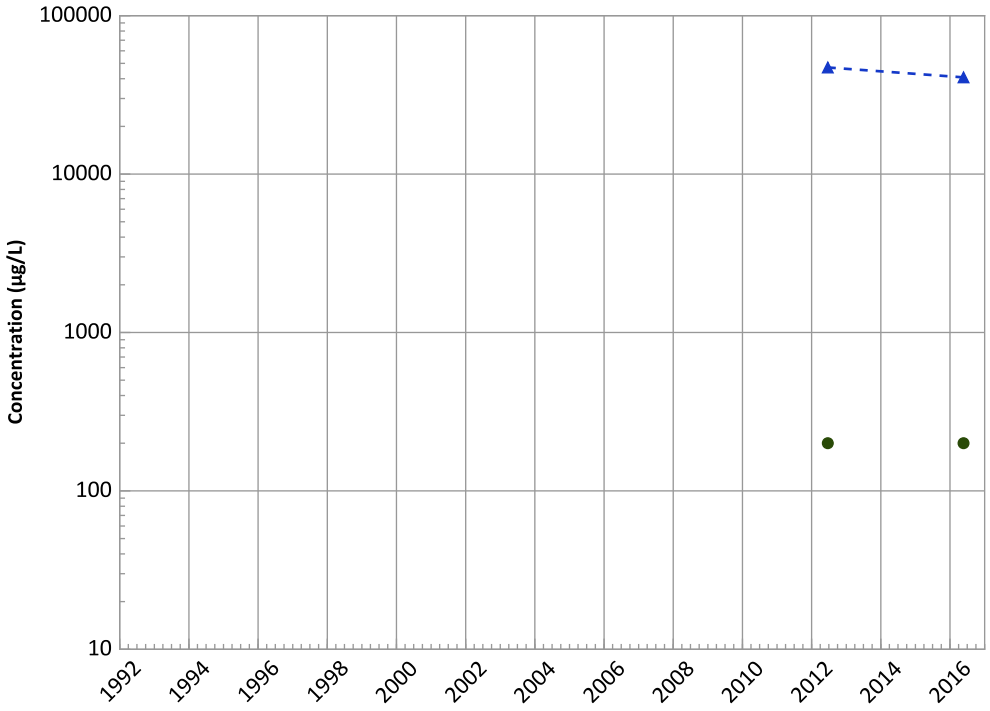
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

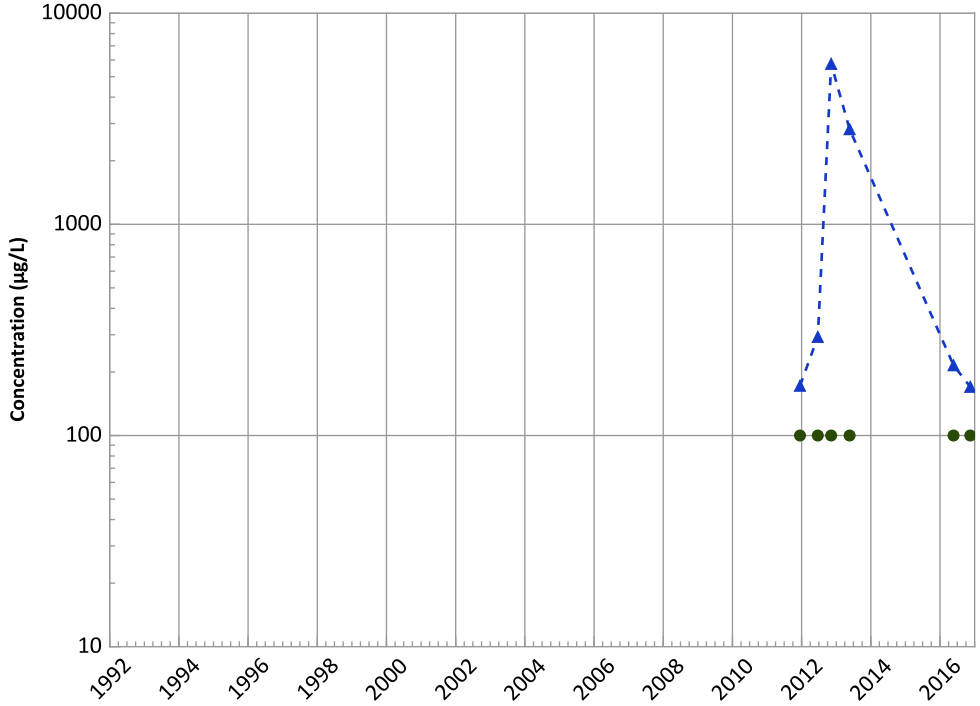


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

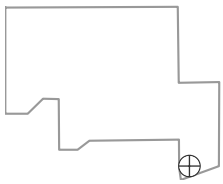
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/15/2011 to 11/16/2016
Analysis Date: 03/07/2017

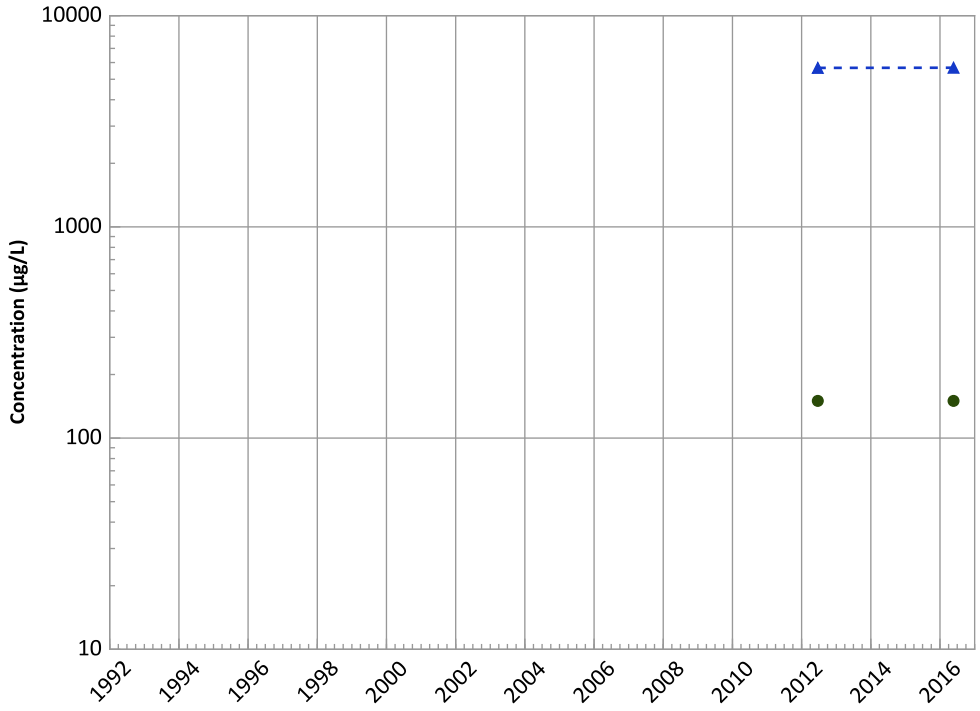
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

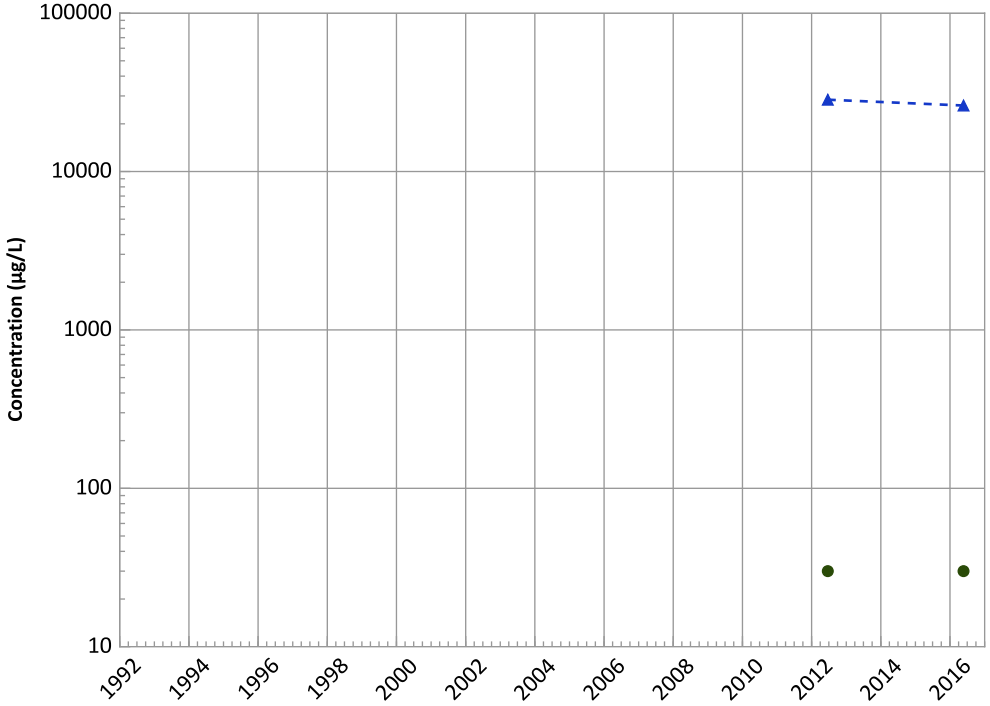


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

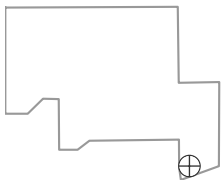
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/15/2011 to 11/16/2016
Analysis Date: 03/07/2017

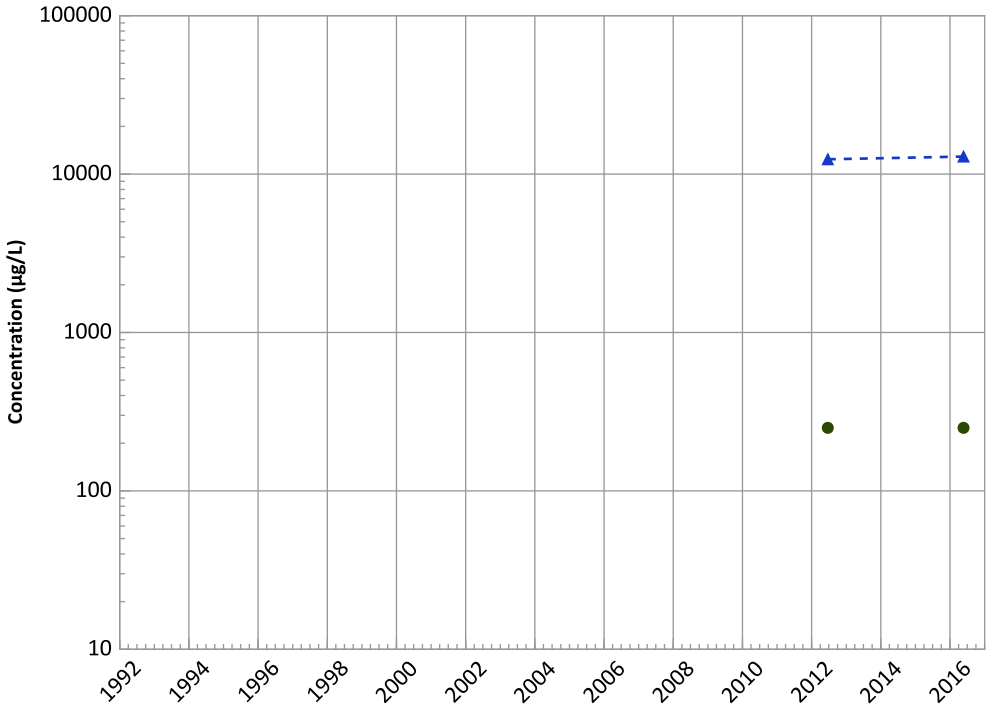
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

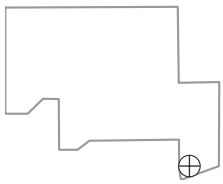
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

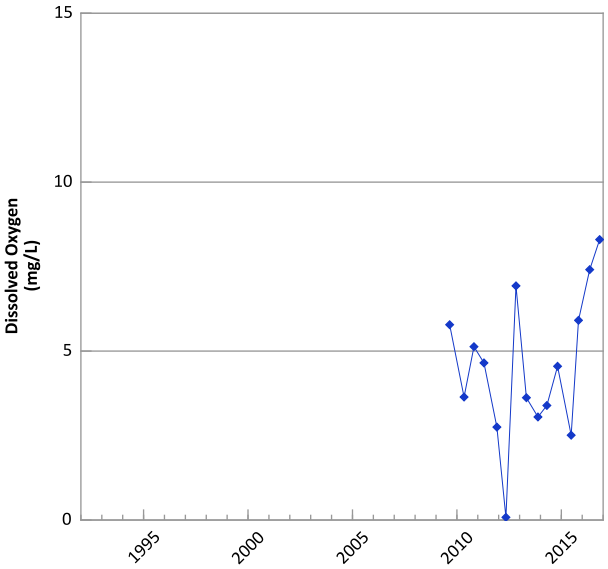
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/15/2011 to 11/16/2016
Analysis Date: 03/07/2017

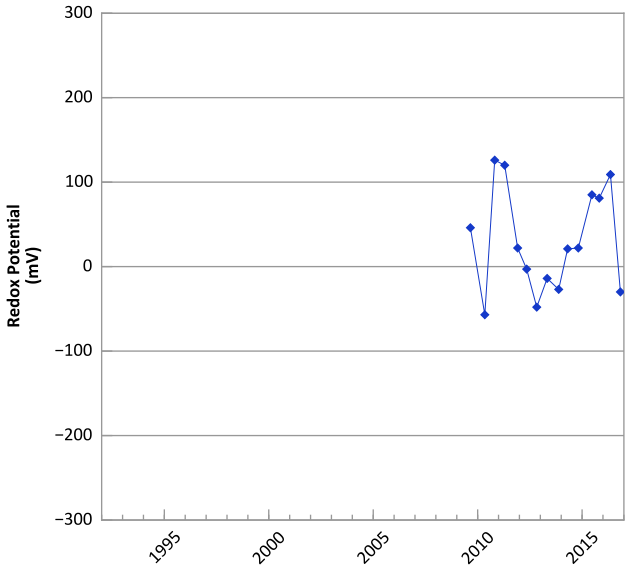
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

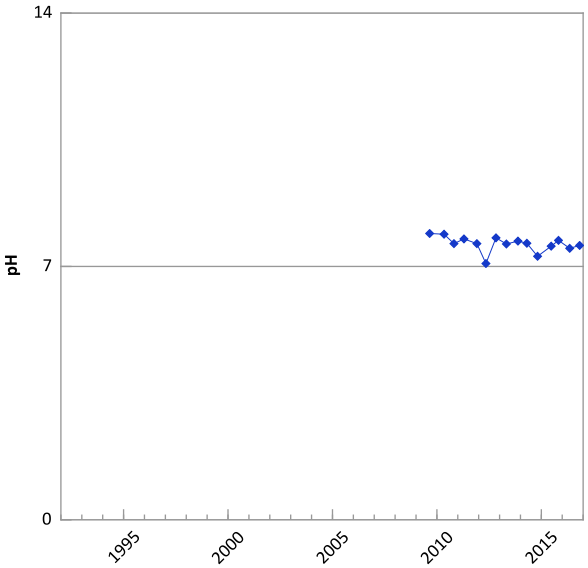
Well Location

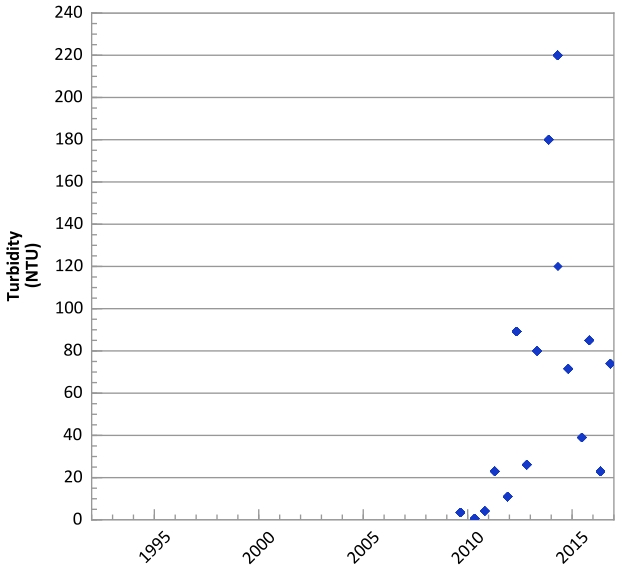


PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



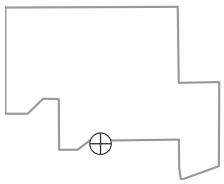






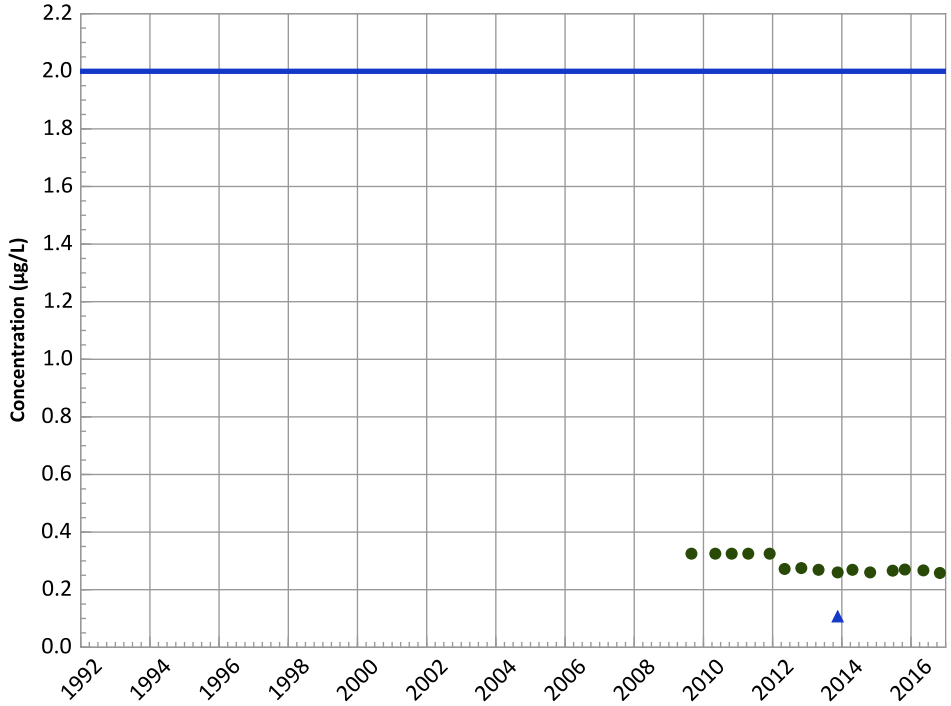
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/27/2009 to 11/01/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

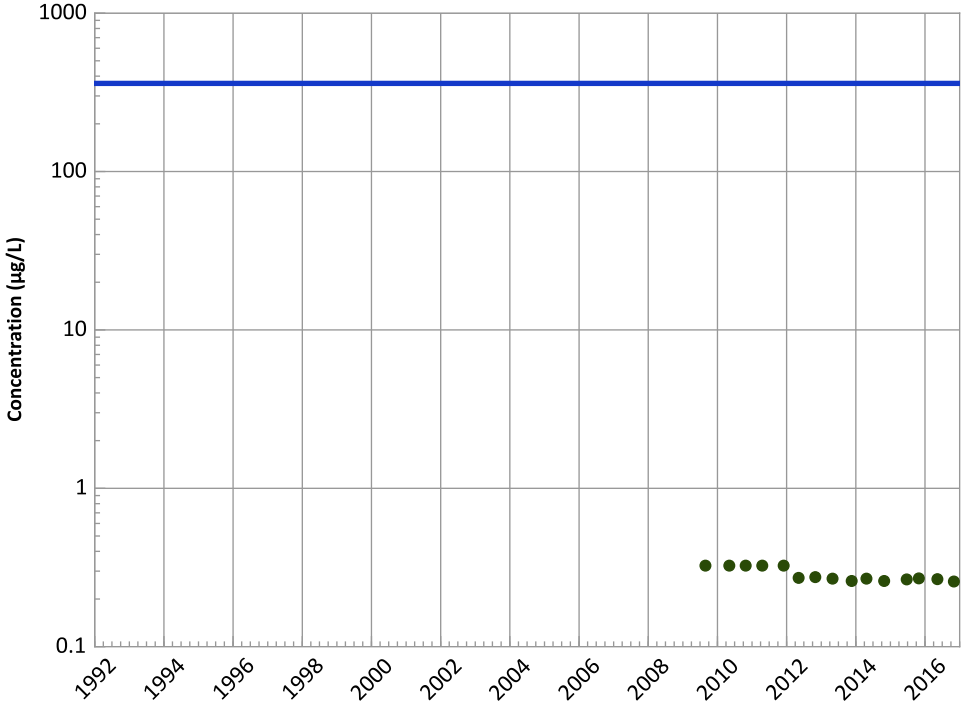


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

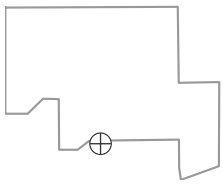
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/27/2009 to 11/01/2016
Analysis Date: 03/07/2017

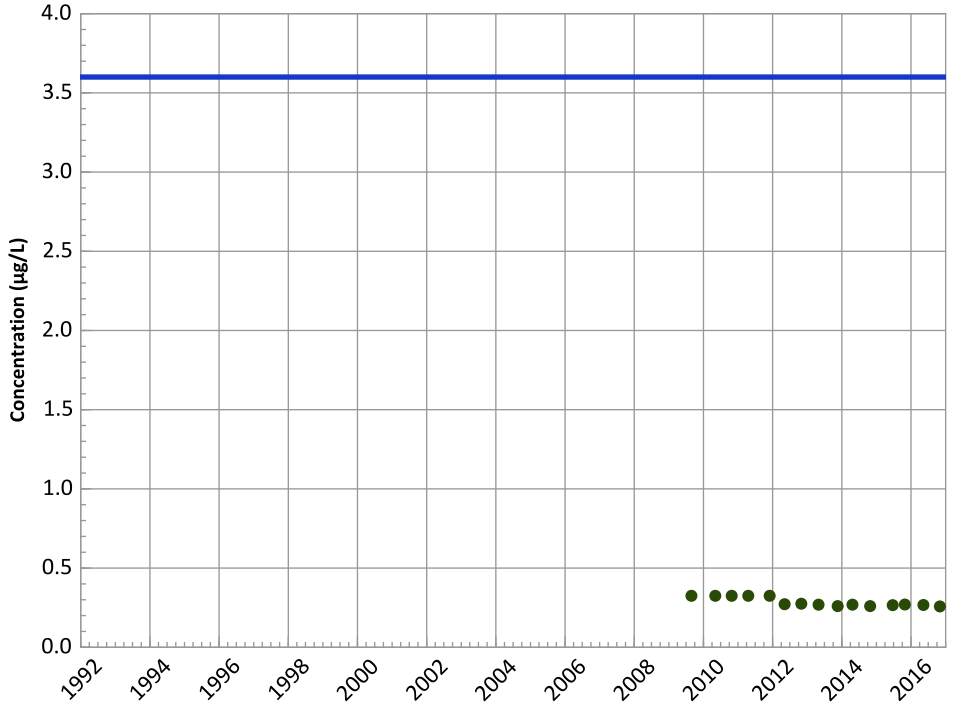
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

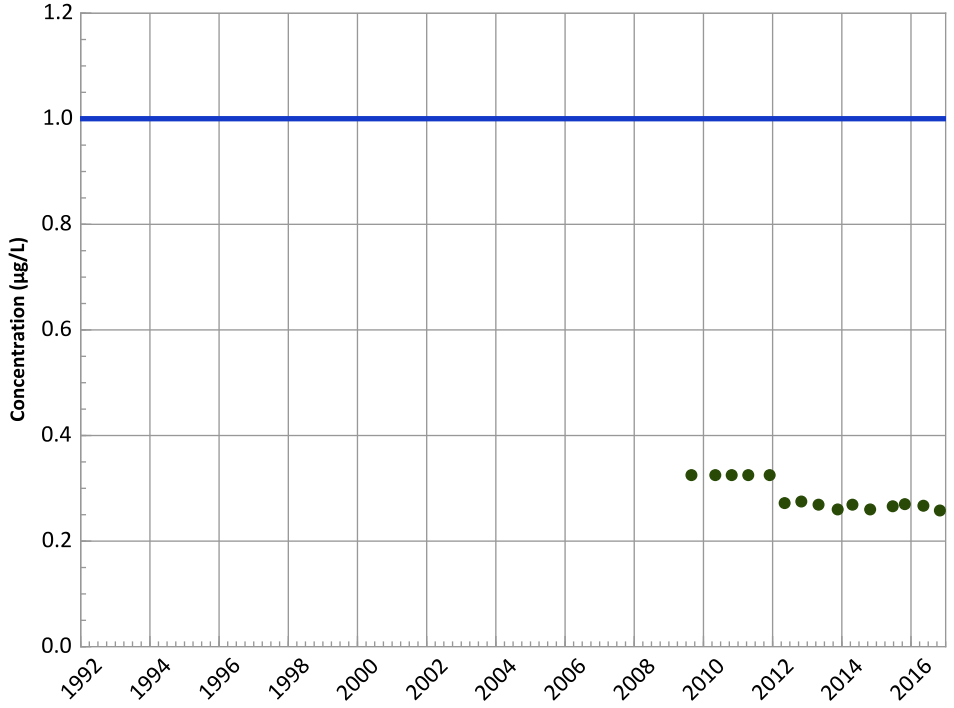


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

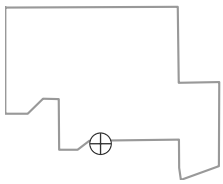
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/27/2009 to 11/01/2016
Analysis Date: 03/07/2017

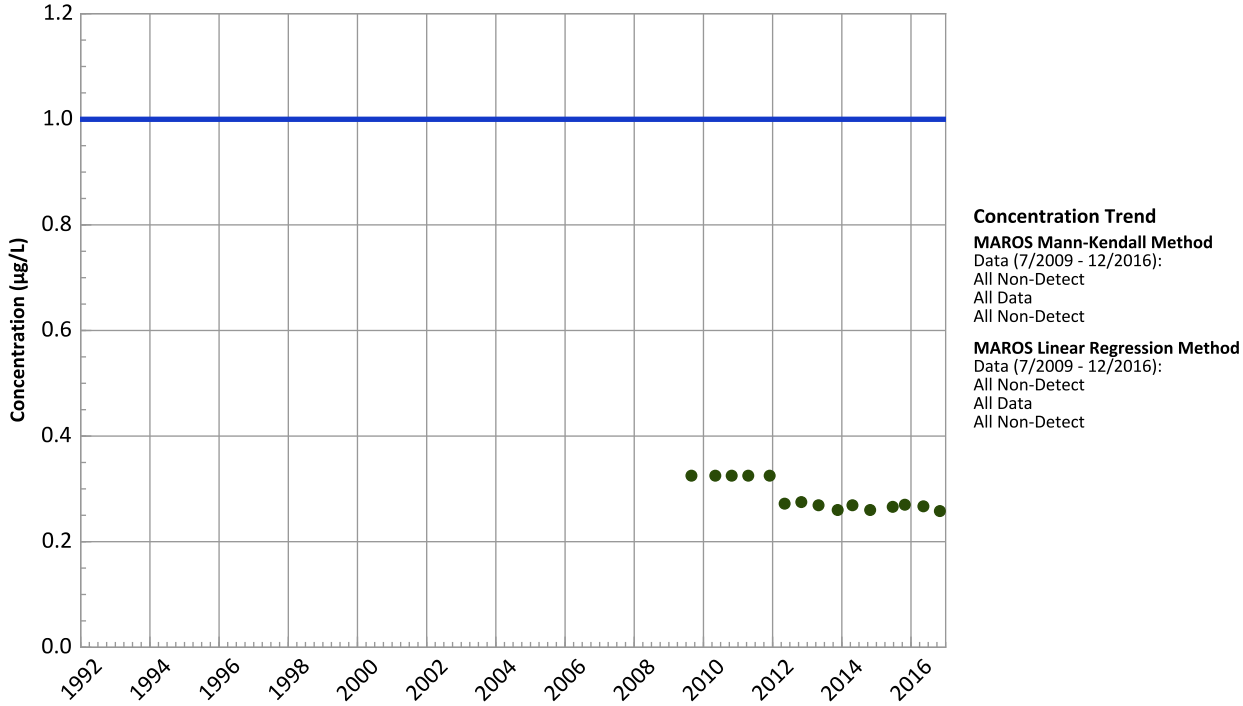
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

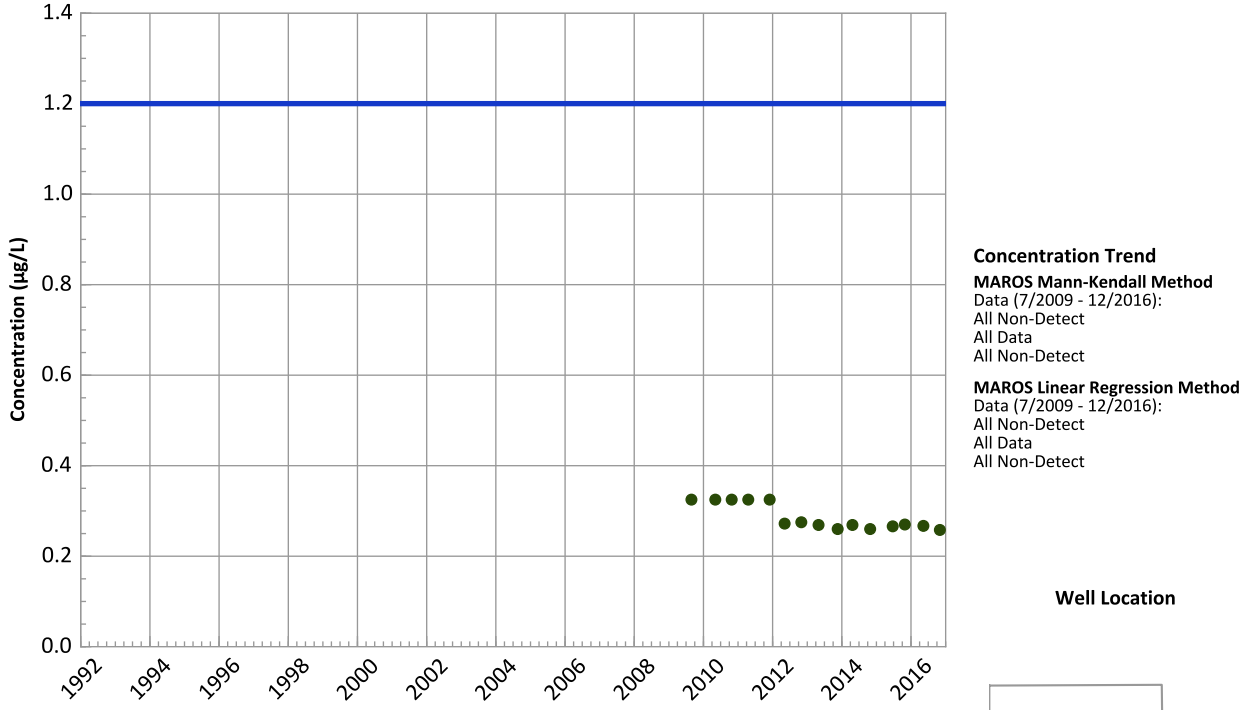


PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



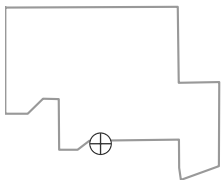
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/27/2009 to 11/01/2016
Analysis Date: 03/07/2017

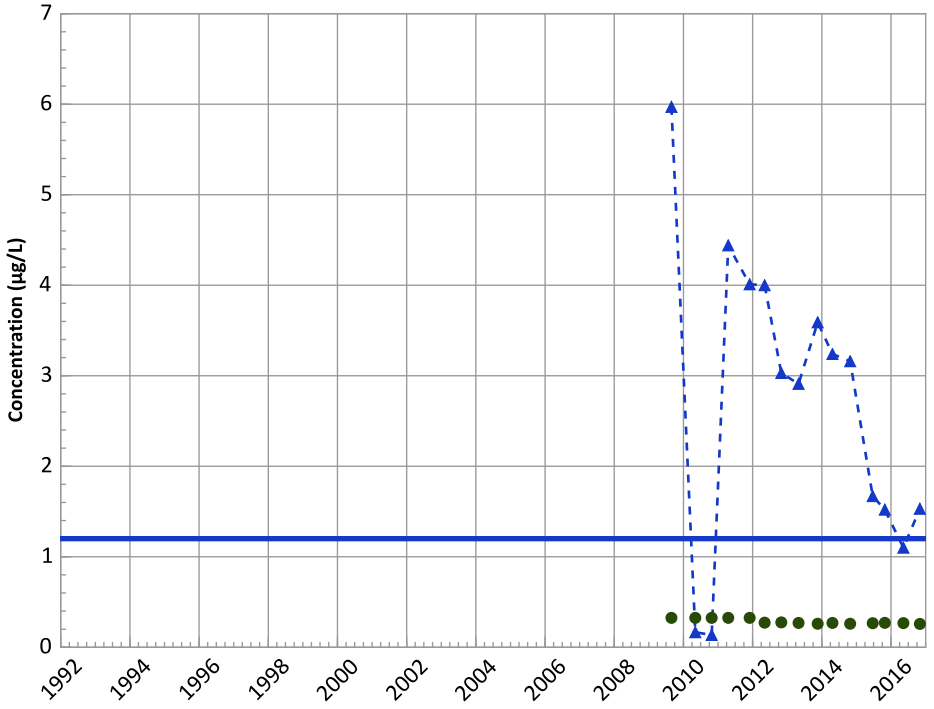
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

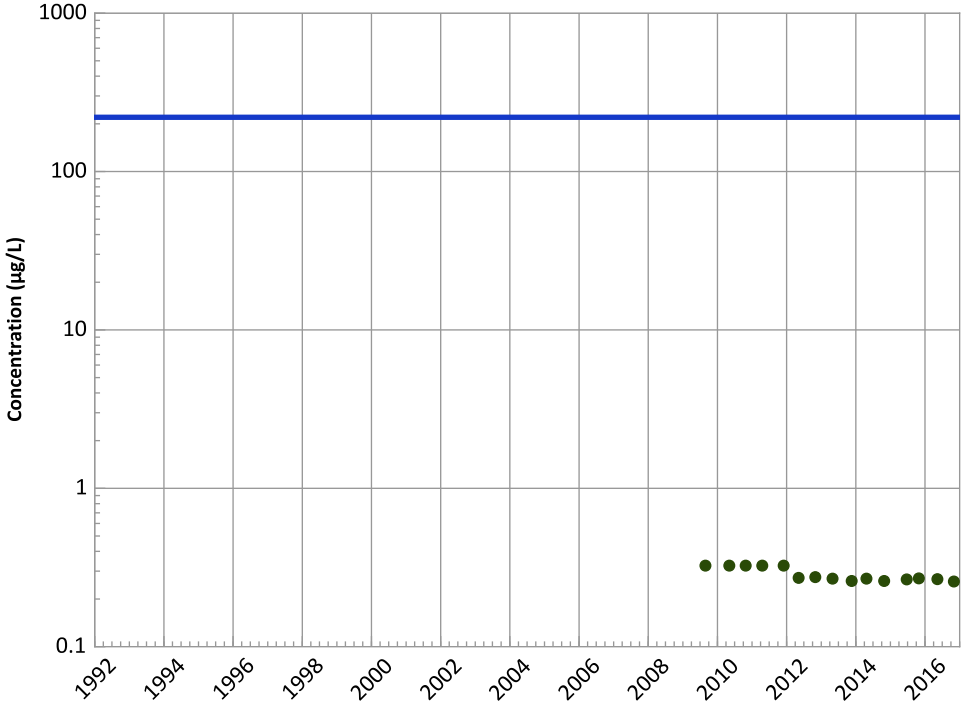


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

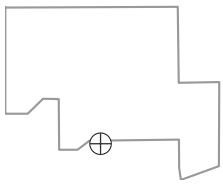
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/27/2009 to 11/01/2016
Analysis Date: 03/07/2017

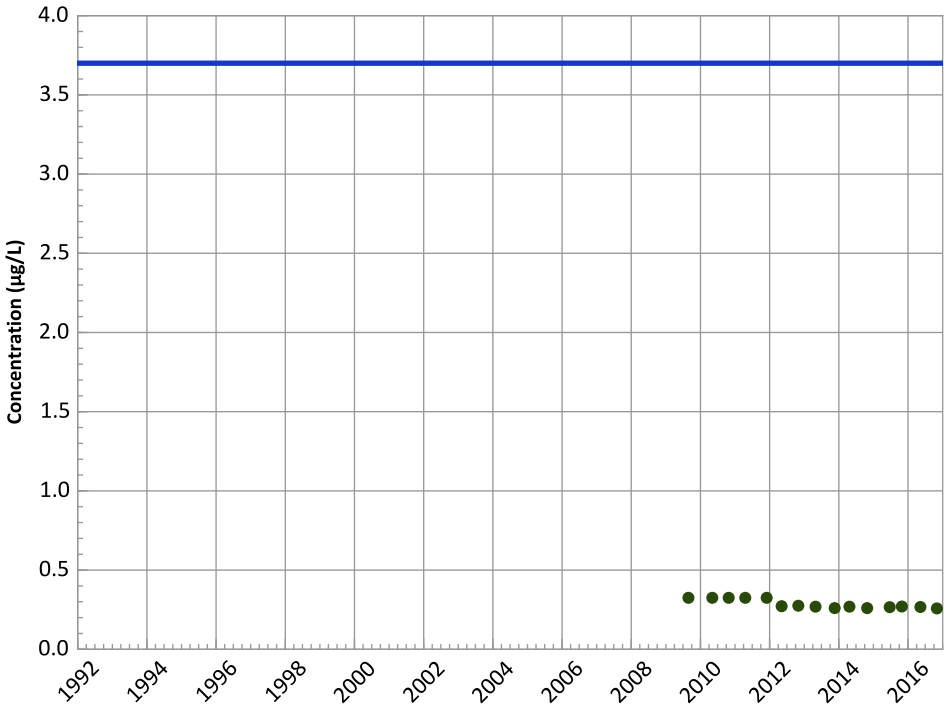
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

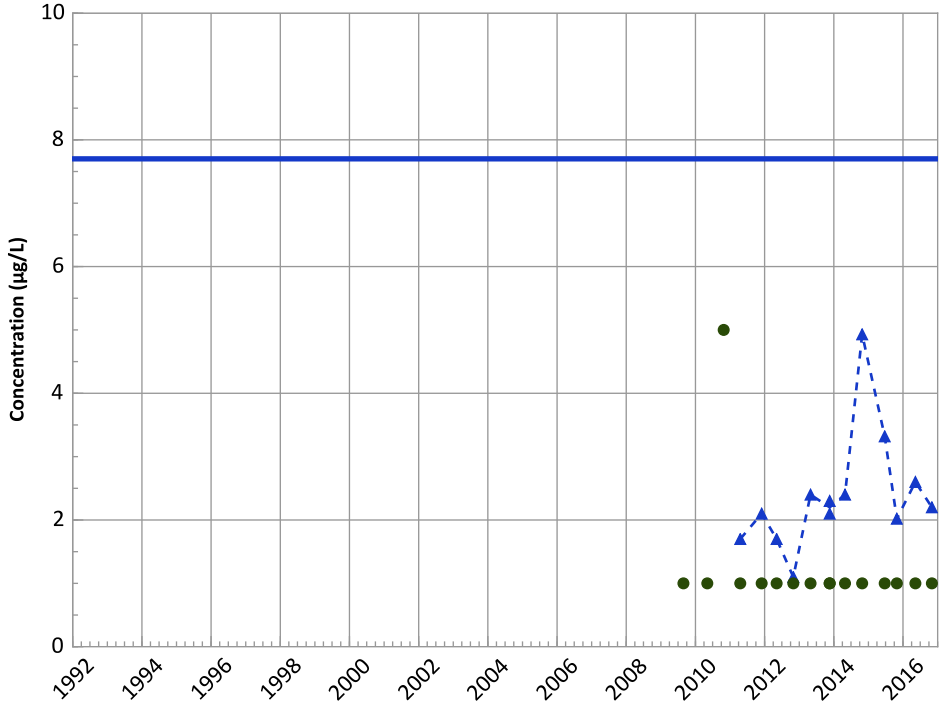


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

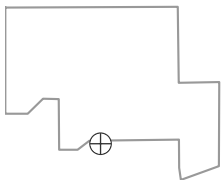
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/27/2009 to 11/01/2016
Analysis Date: 03/07/2017

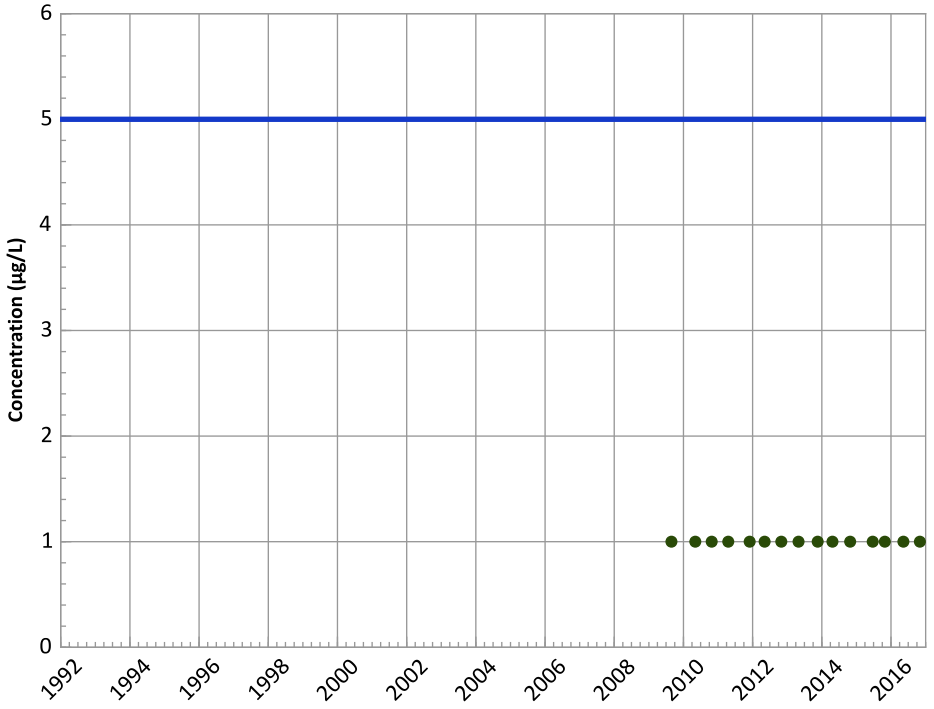
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

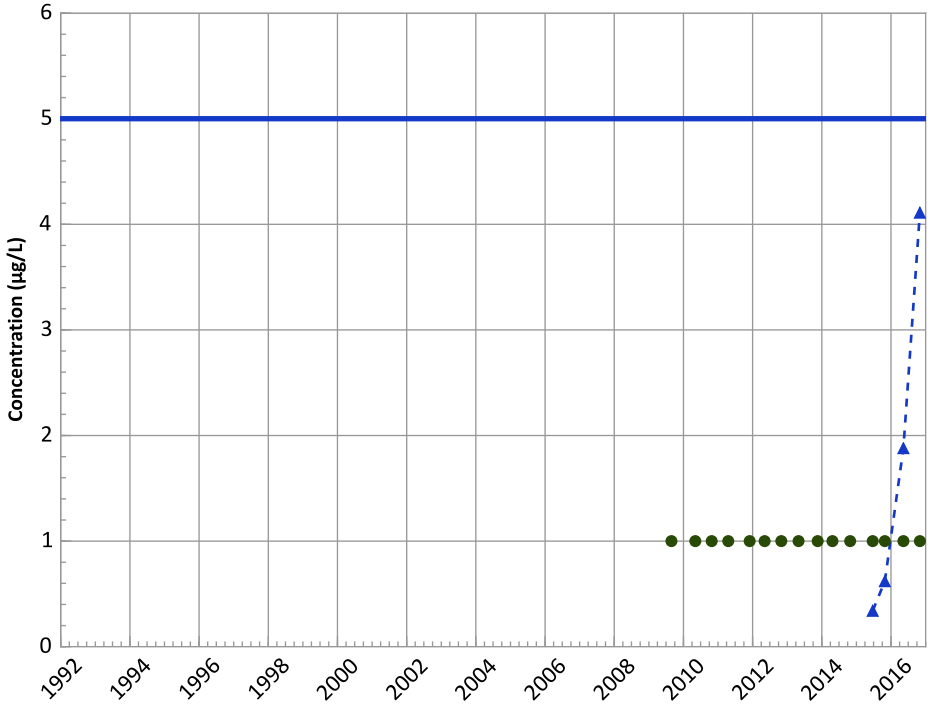


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

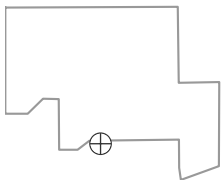
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/27/2009 to 11/01/2016
Analysis Date: 03/07/2017

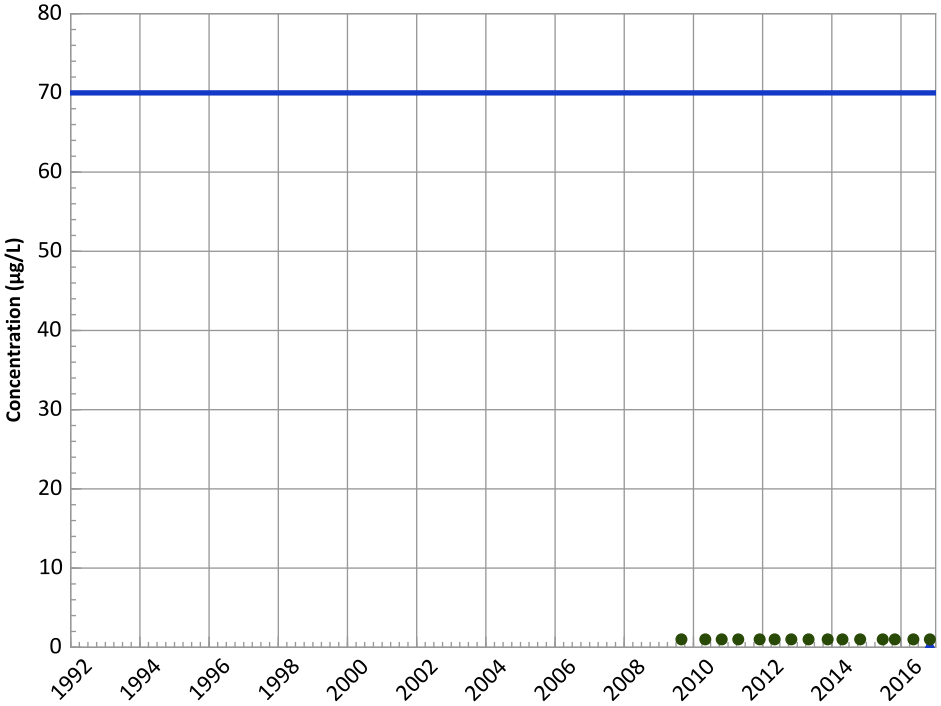
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

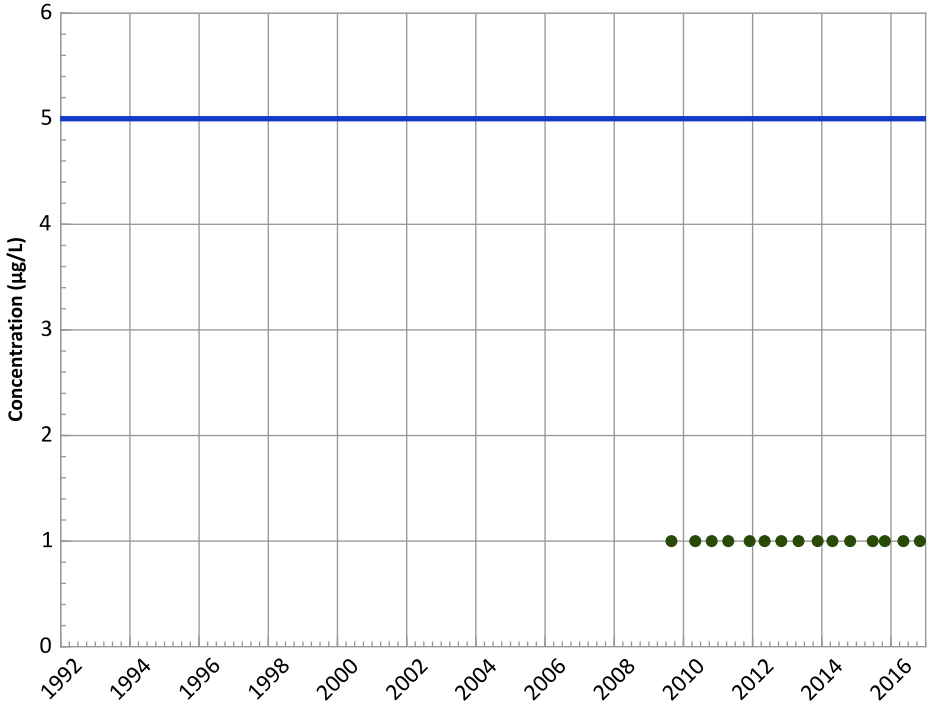


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

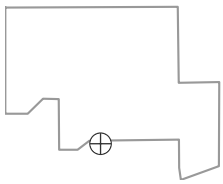
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/27/2009 to 11/01/2016
Analysis Date: 03/07/2017

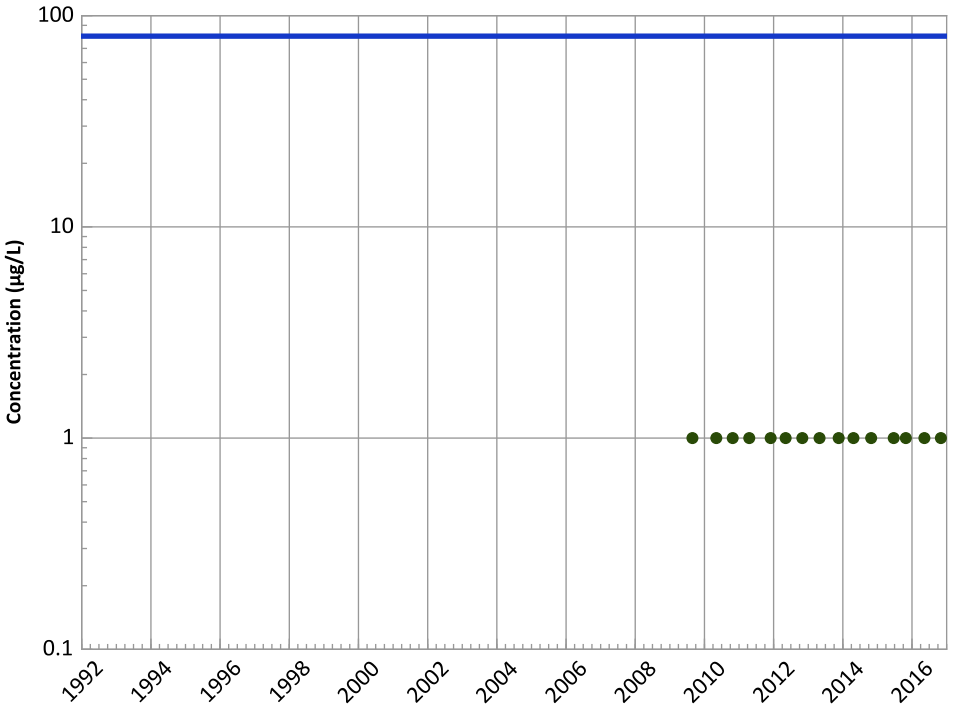
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

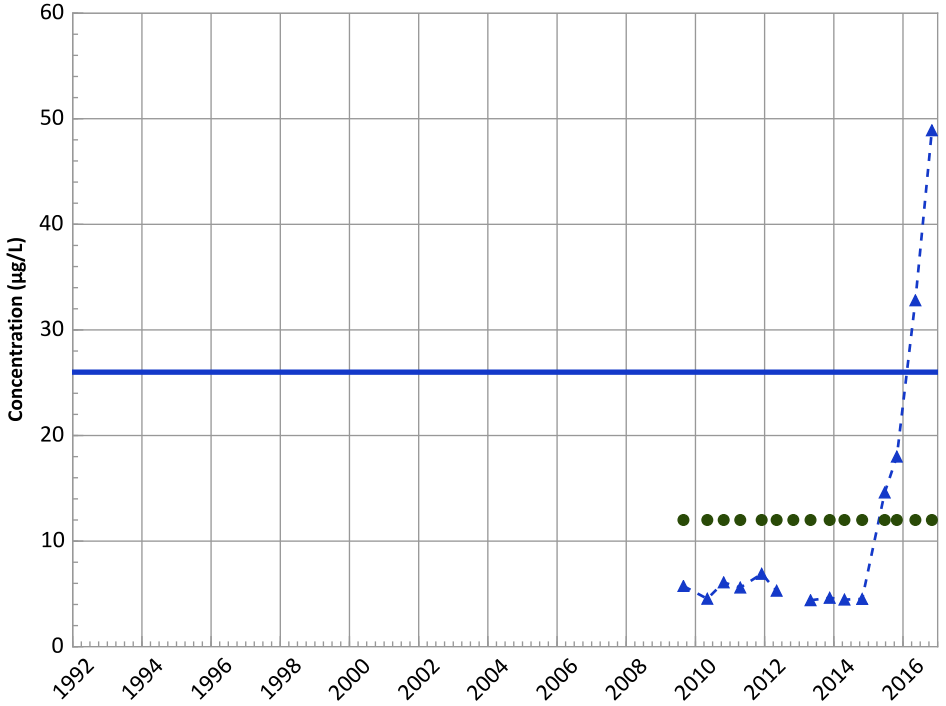


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

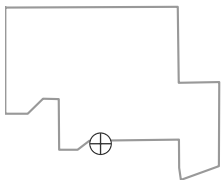
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/27/2009 to 11/01/2016
Analysis Date: 03/07/2017

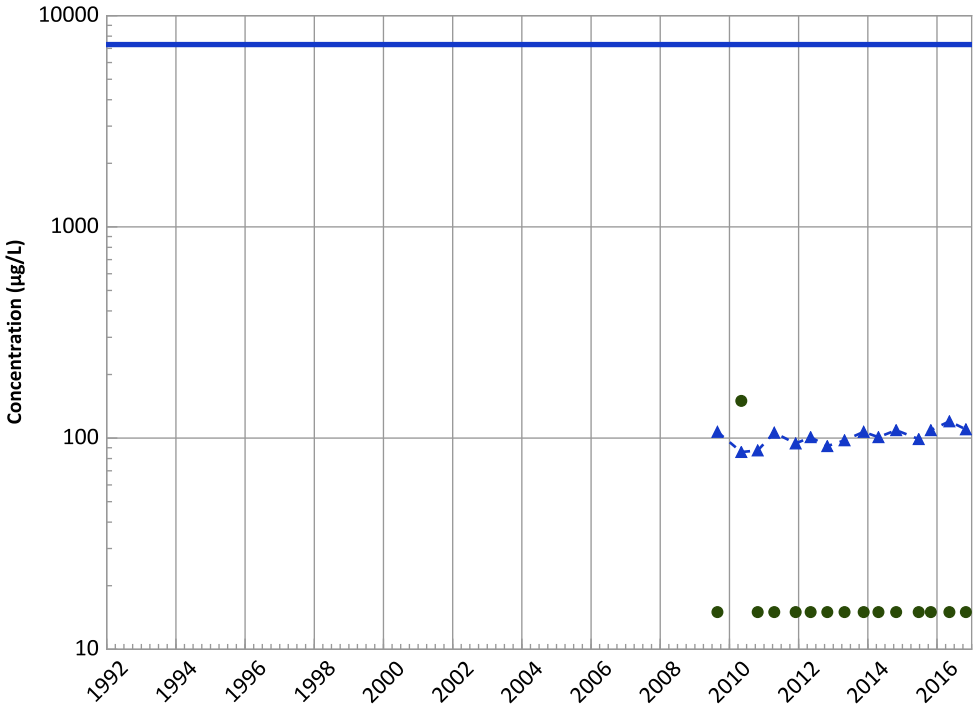
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

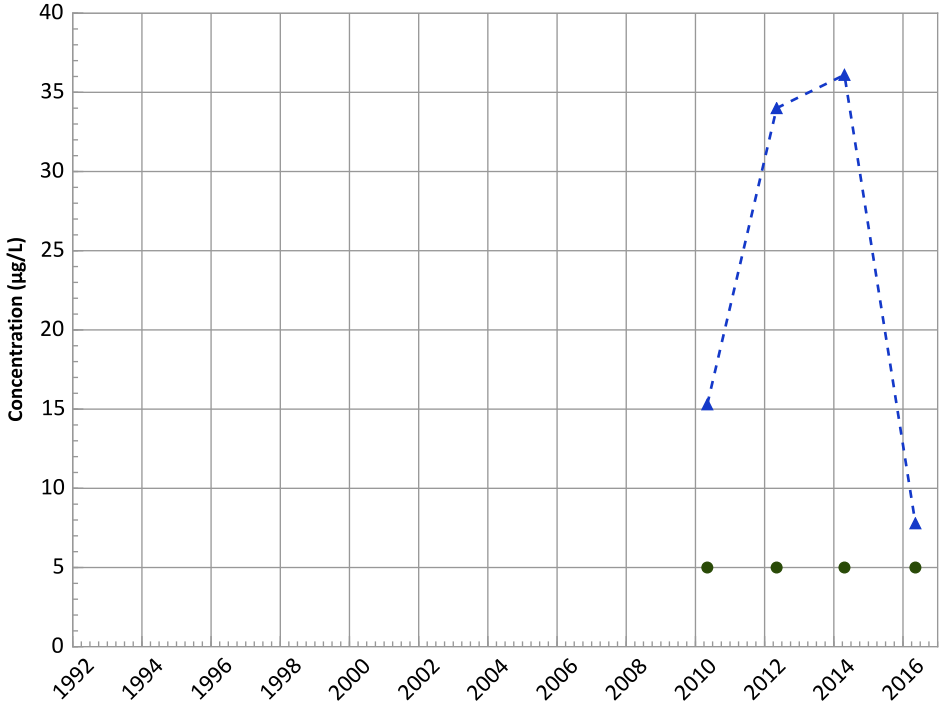


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Manganese Trend



Concentration Trend

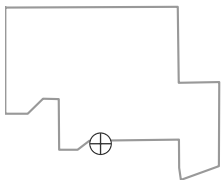
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/27/2009 to 11/01/2016
Analysis Date: 03/07/2017

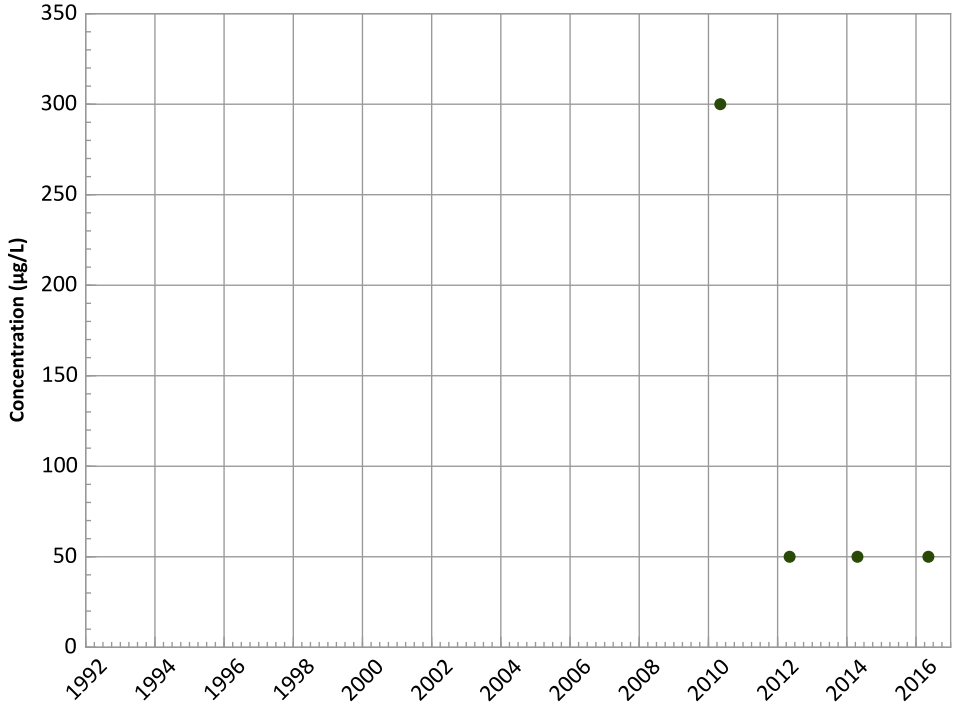
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

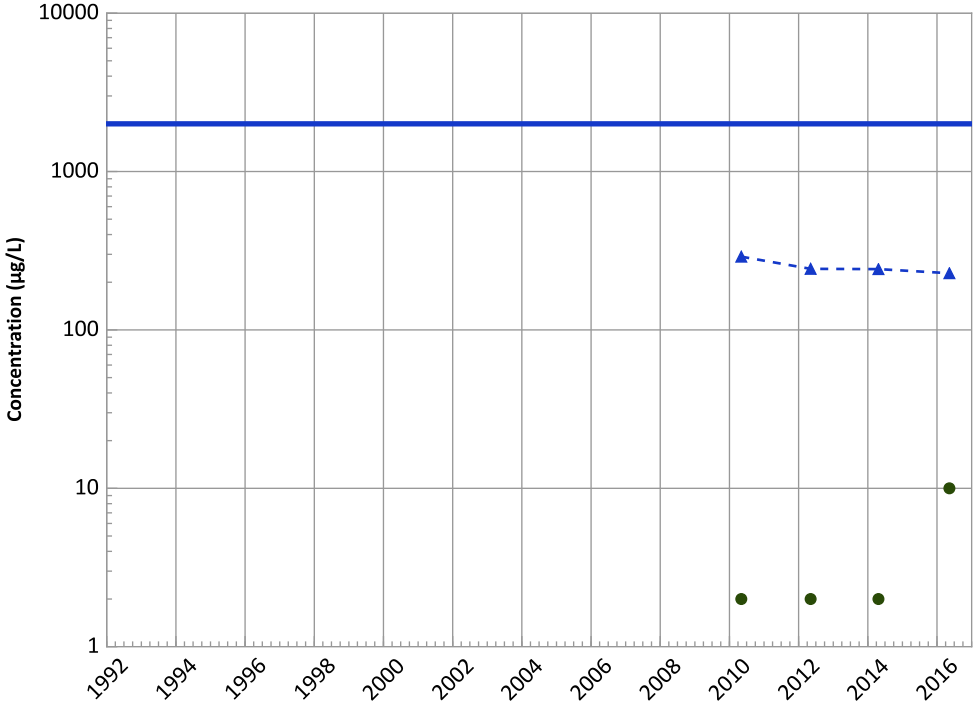


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Barium Trend



Concentration Trend

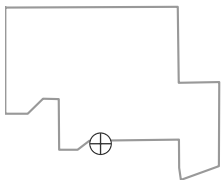
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/27/2009 to 11/01/2016
Analysis Date: 03/07/2017

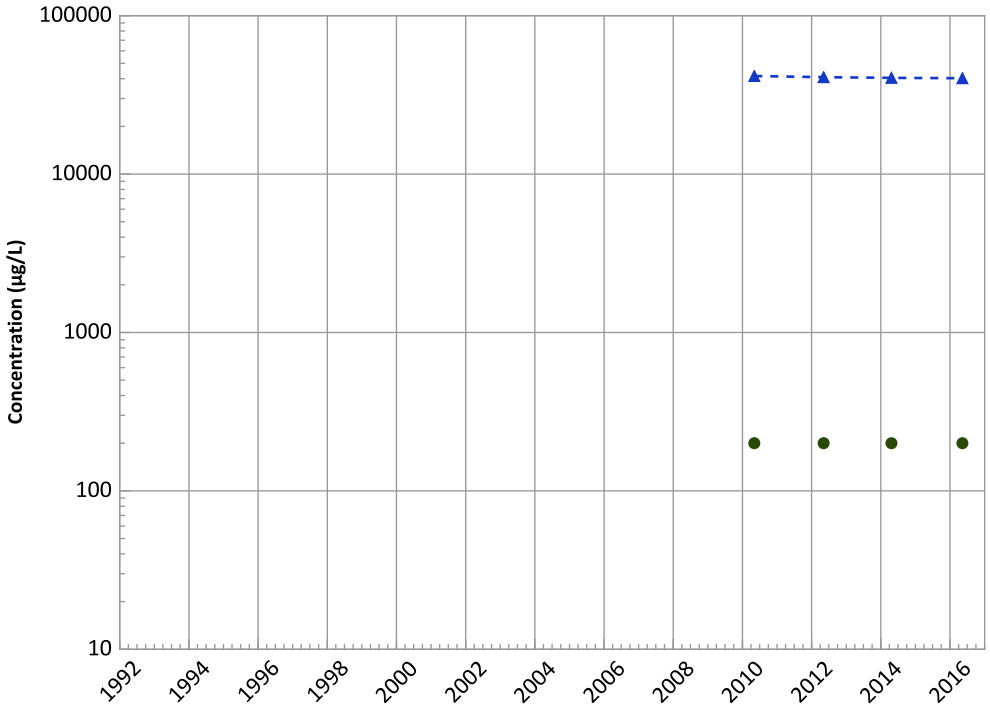
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

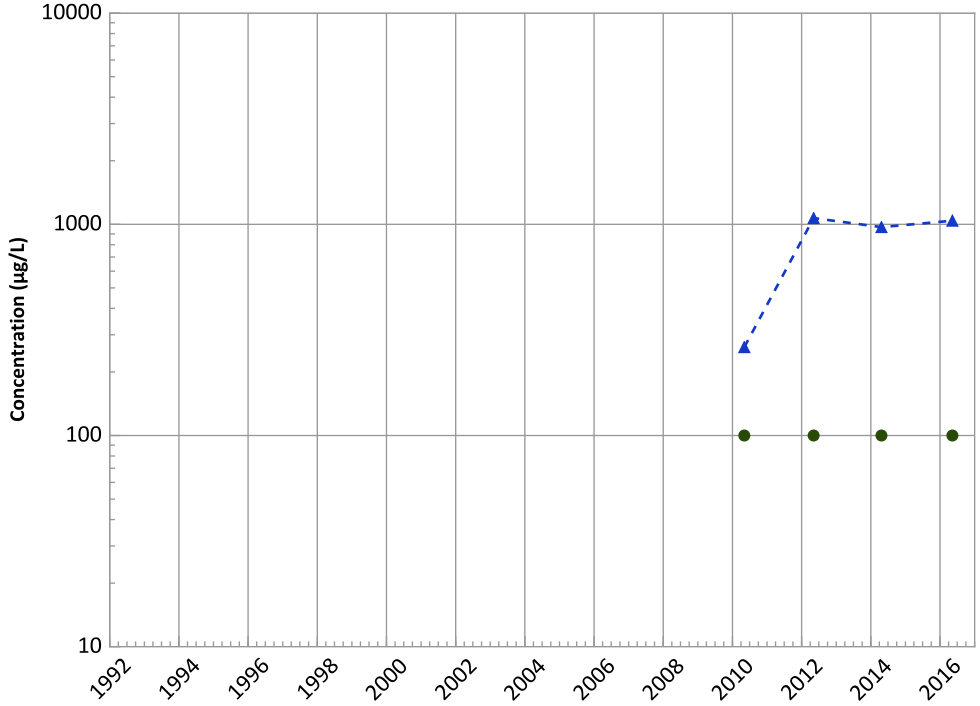


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Iron Trend



Concentration Trend

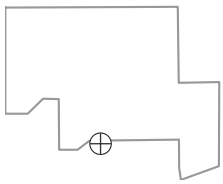
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/27/2009 to 11/01/2016
Analysis Date: 03/07/2017

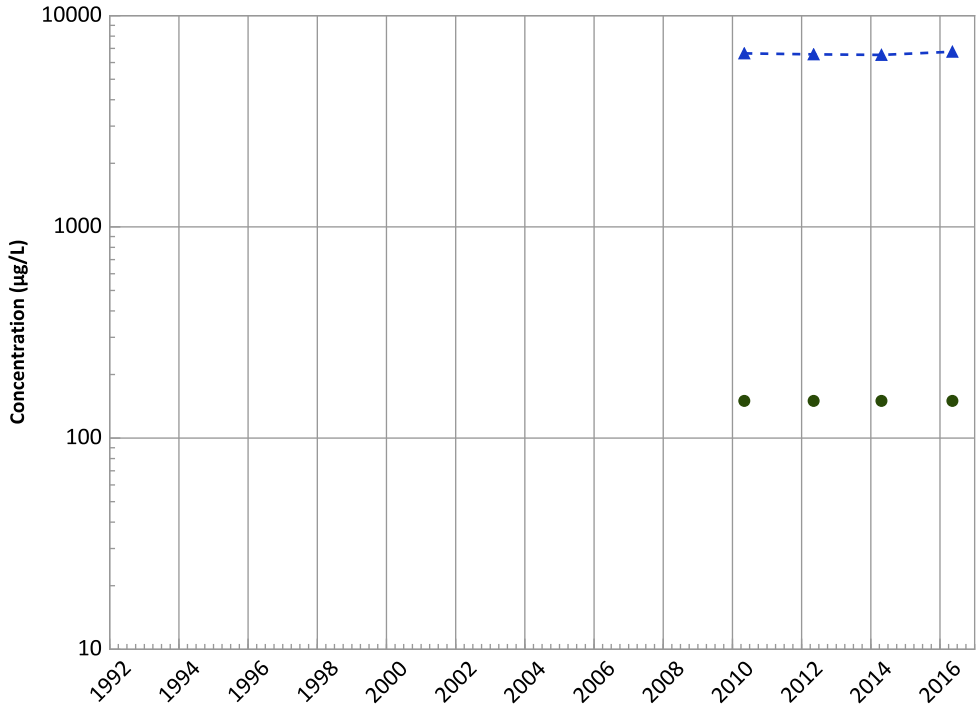
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

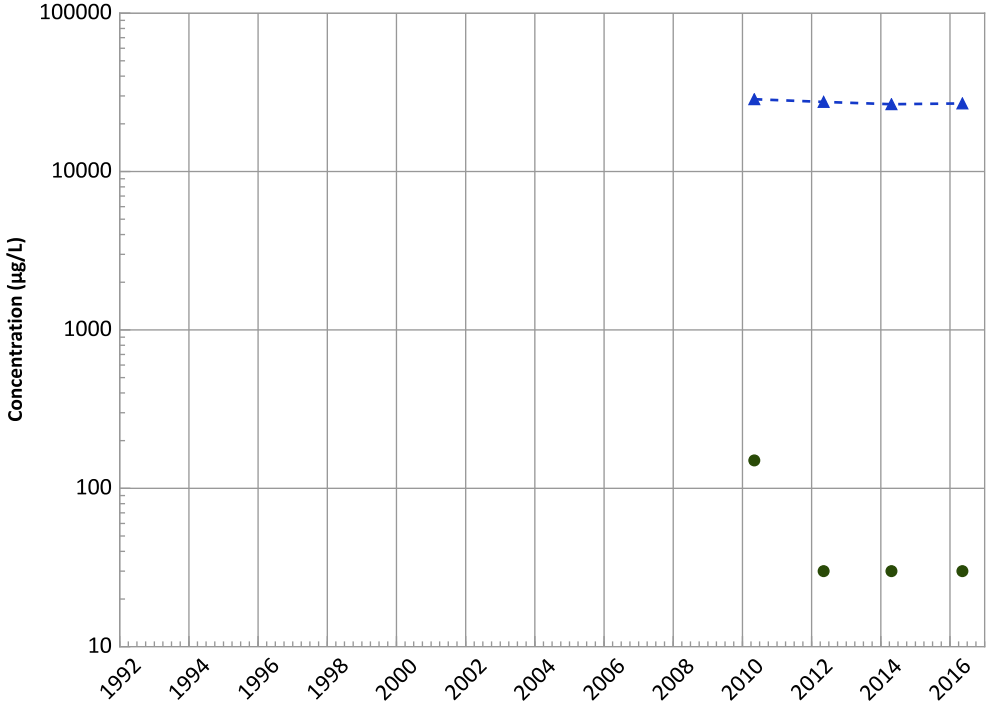


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Magnesium Trend



Concentration Trend

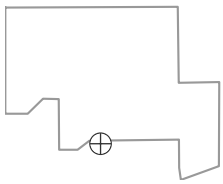
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/27/2009 to 11/01/2016
Analysis Date: 03/07/2017

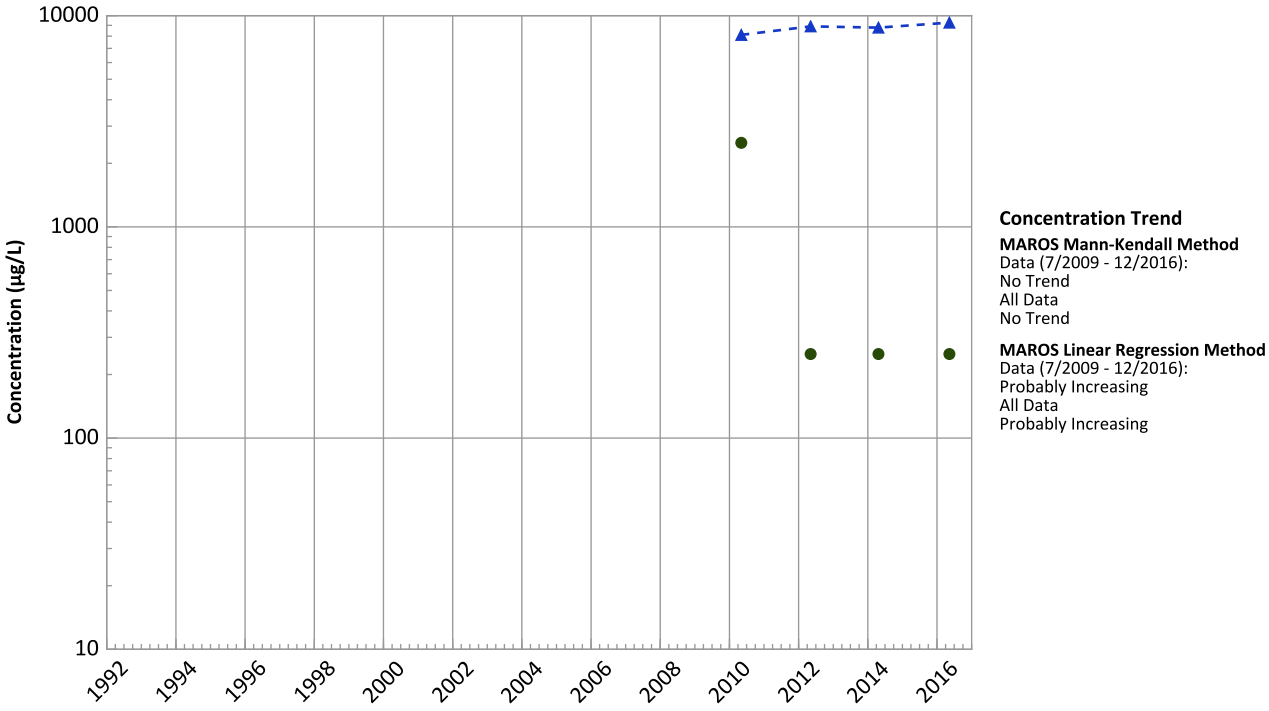
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

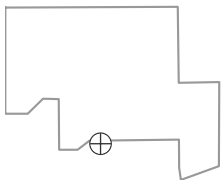
Sodium Trend



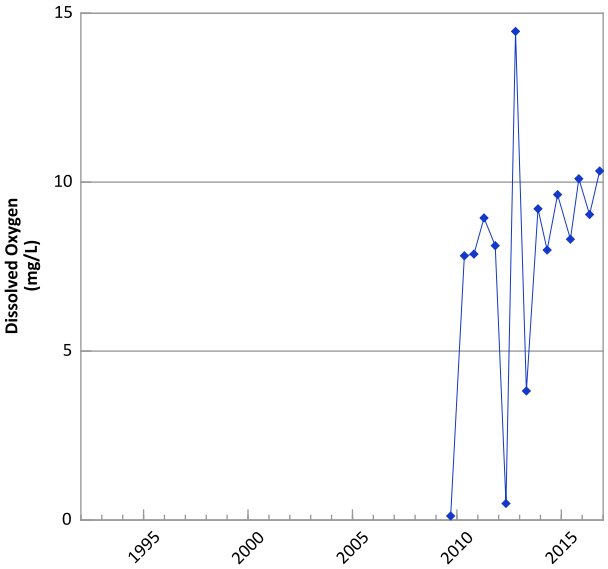
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/27/2009 to 11/01/2016
Analysis Date: 03/07/2017

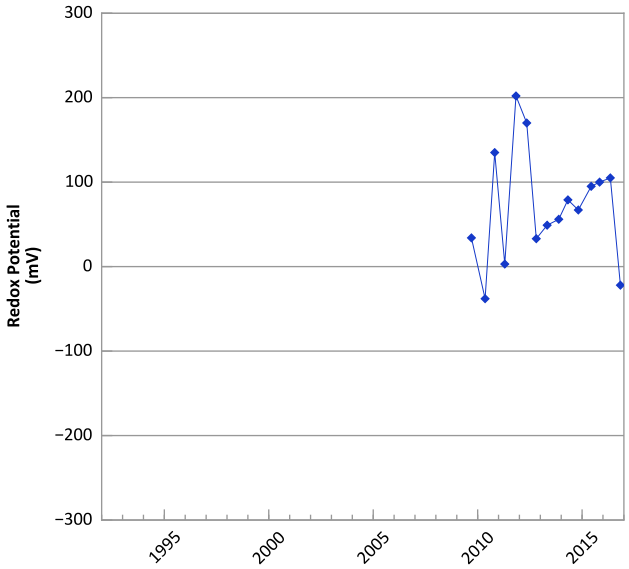
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

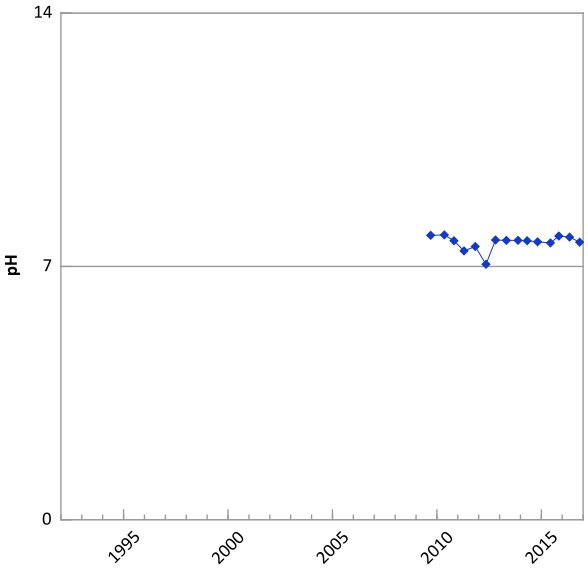
Well Location

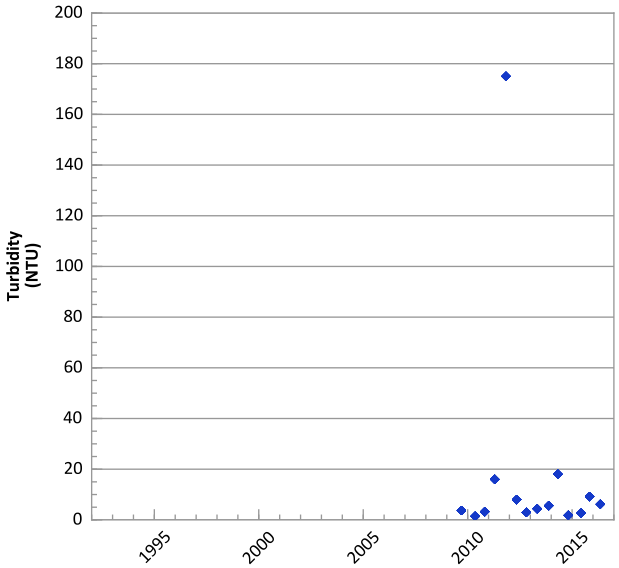


PTX06-1135 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



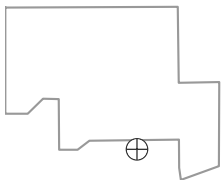






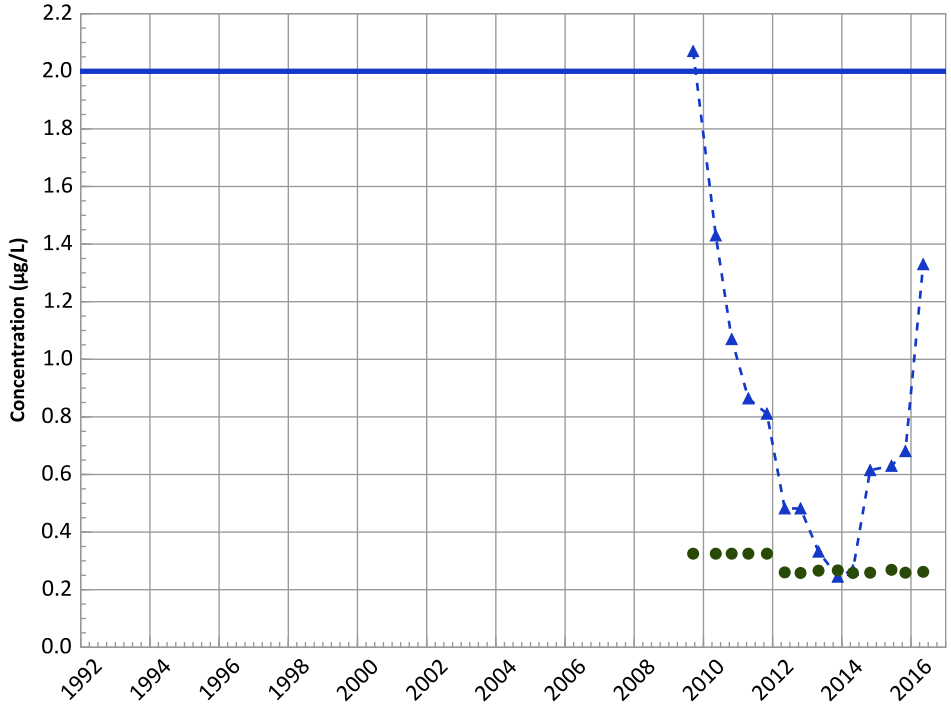
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/2008 to 05/09/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1135 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

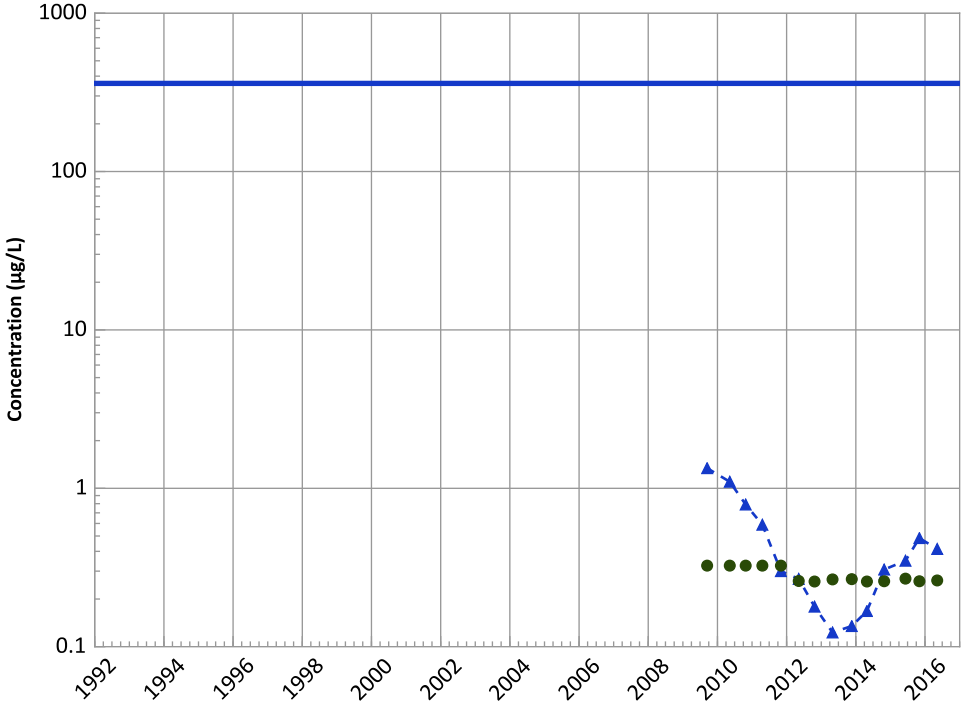


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

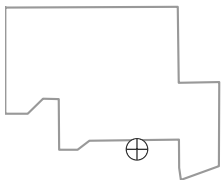
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/2008 to 05/09/2016
Analysis Date: 03/07/2017

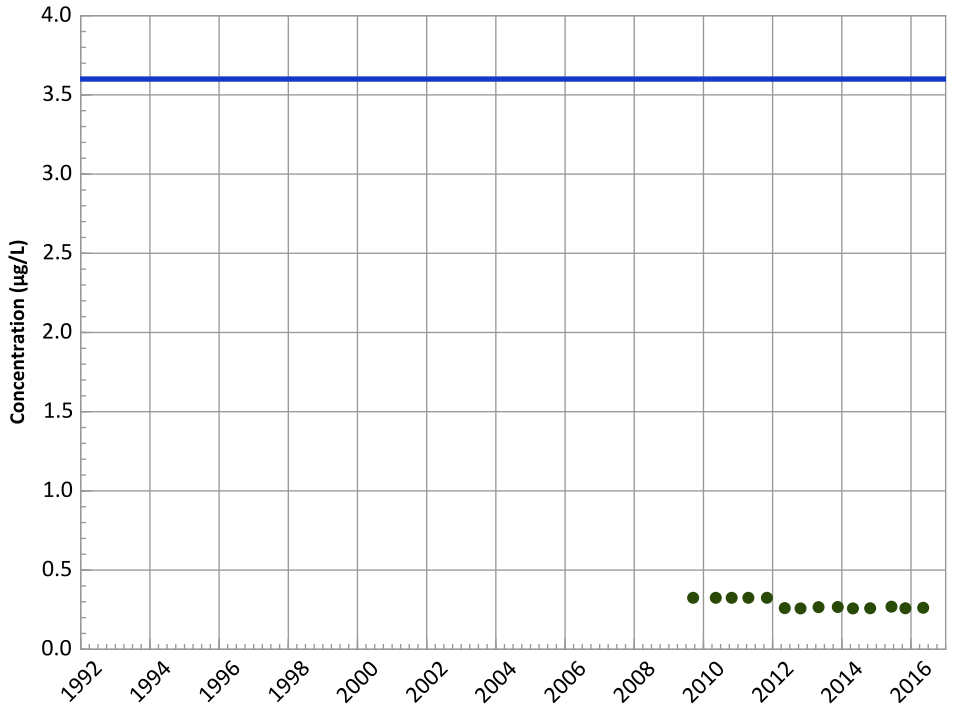
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1135 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

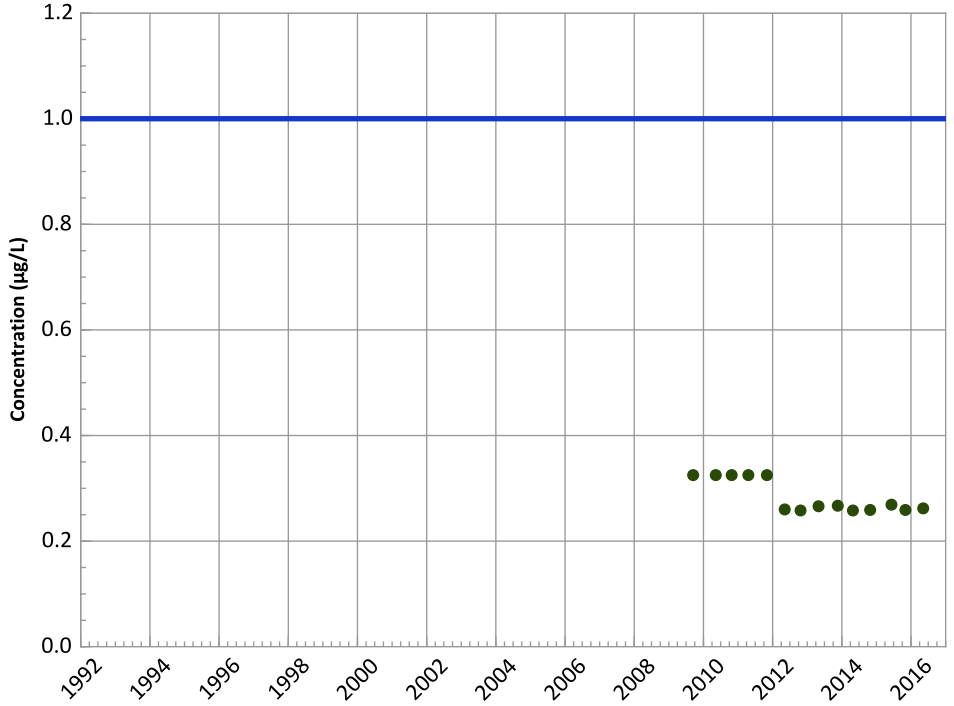


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

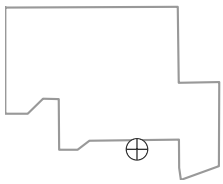
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/2008 to 05/09/2016
Analysis Date: 03/07/2017

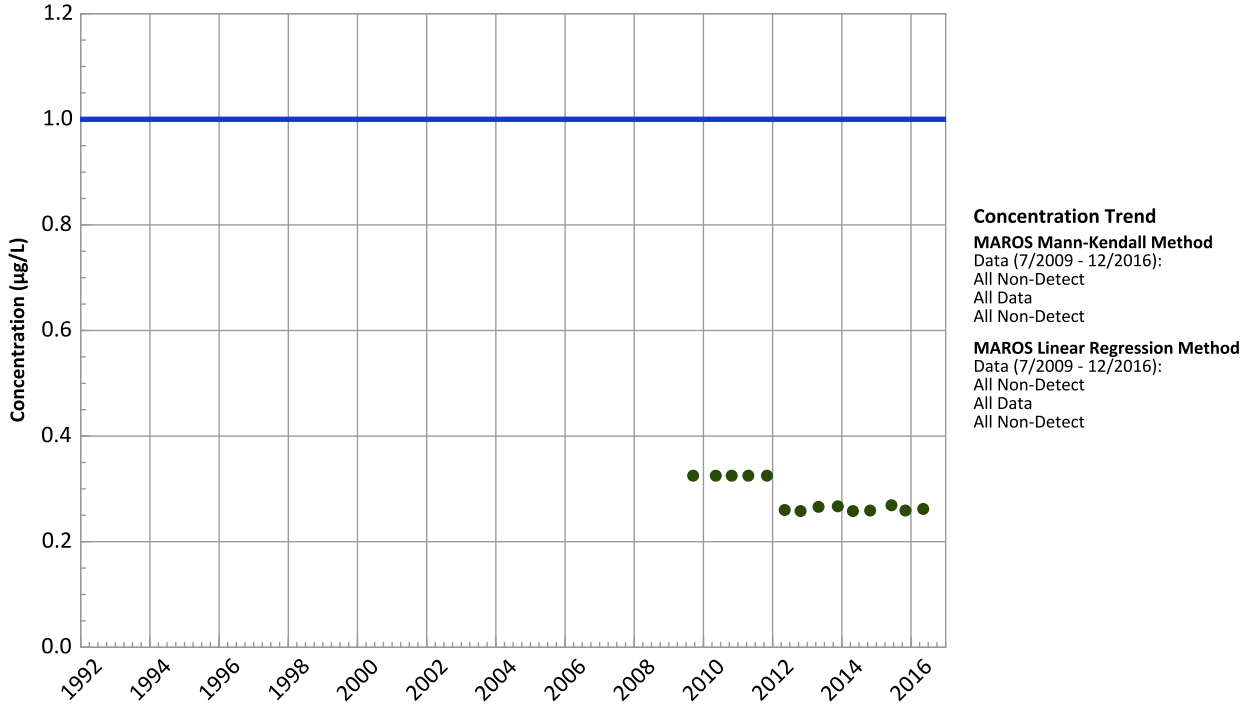
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location

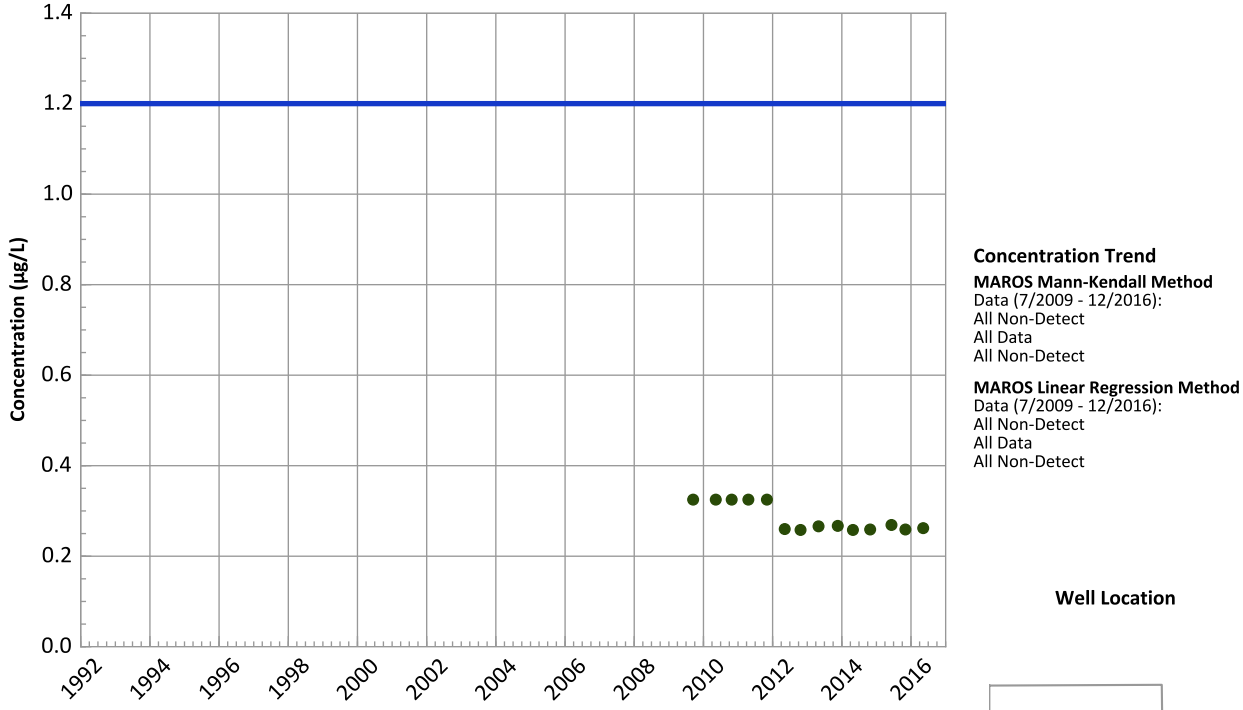


PTX06-1135 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



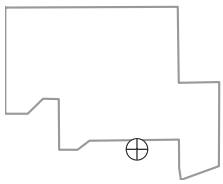
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/2008 to 05/09/2016
Analysis Date: 03/07/2017

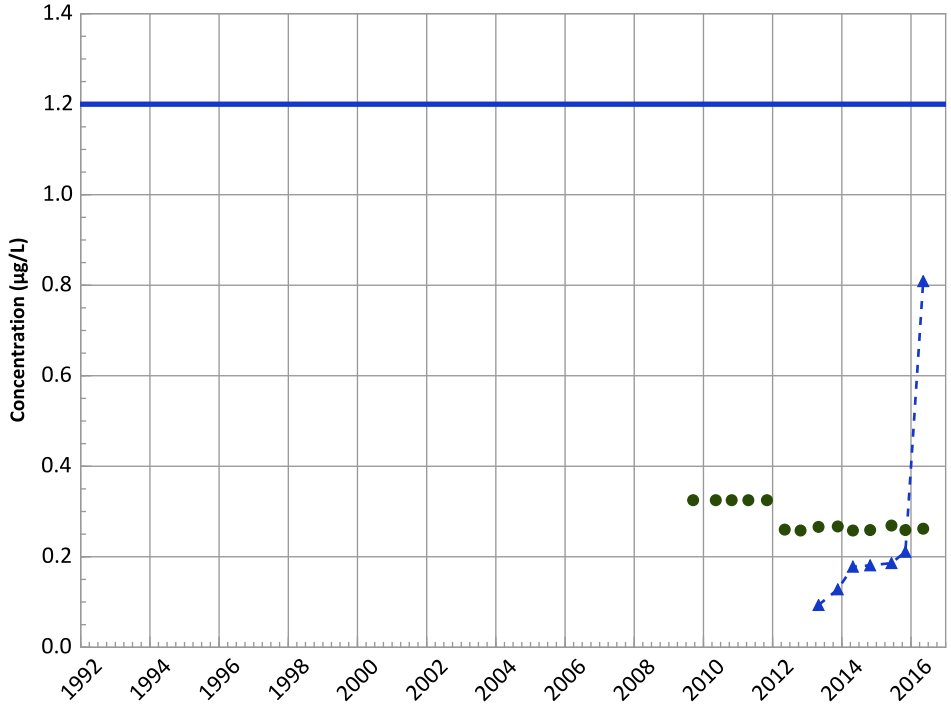
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1135 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

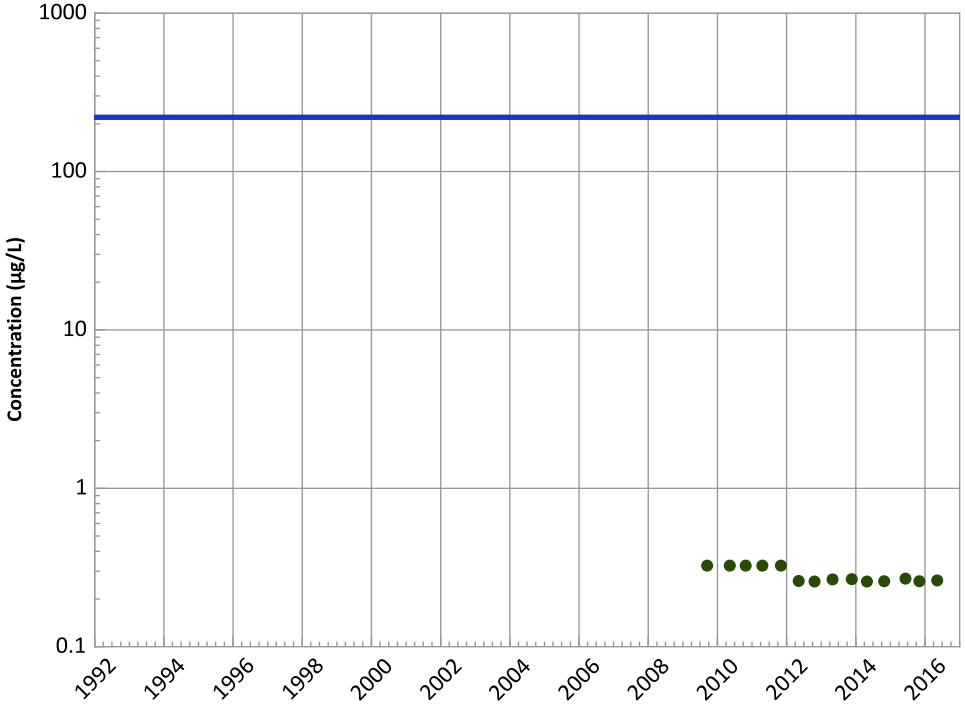


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

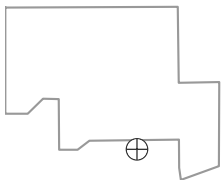
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/2008 to 05/09/2016
Analysis Date: 03/07/2017

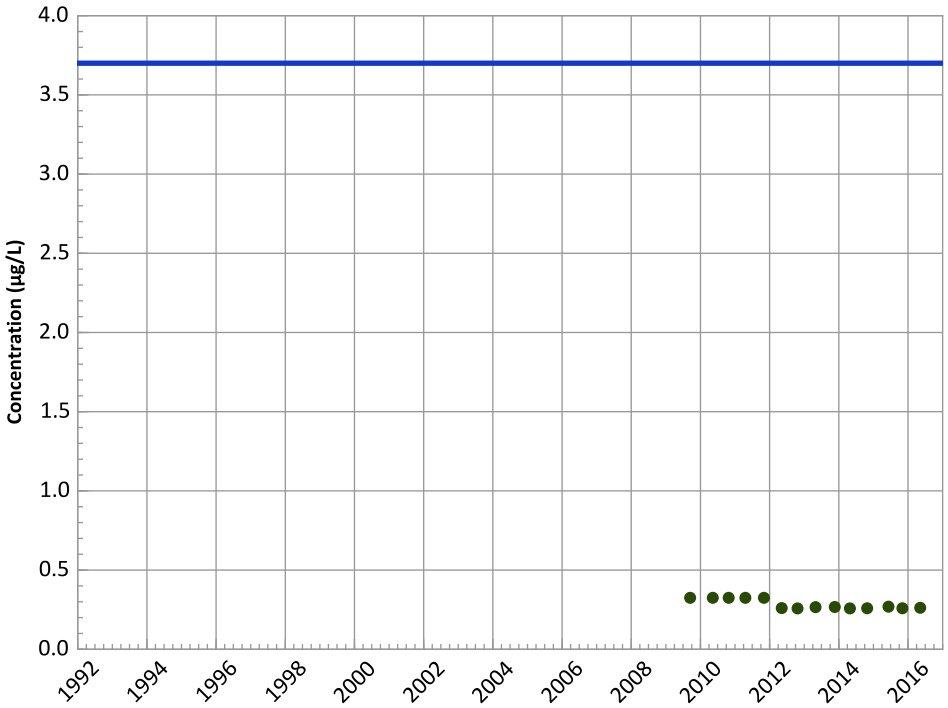
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1135 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

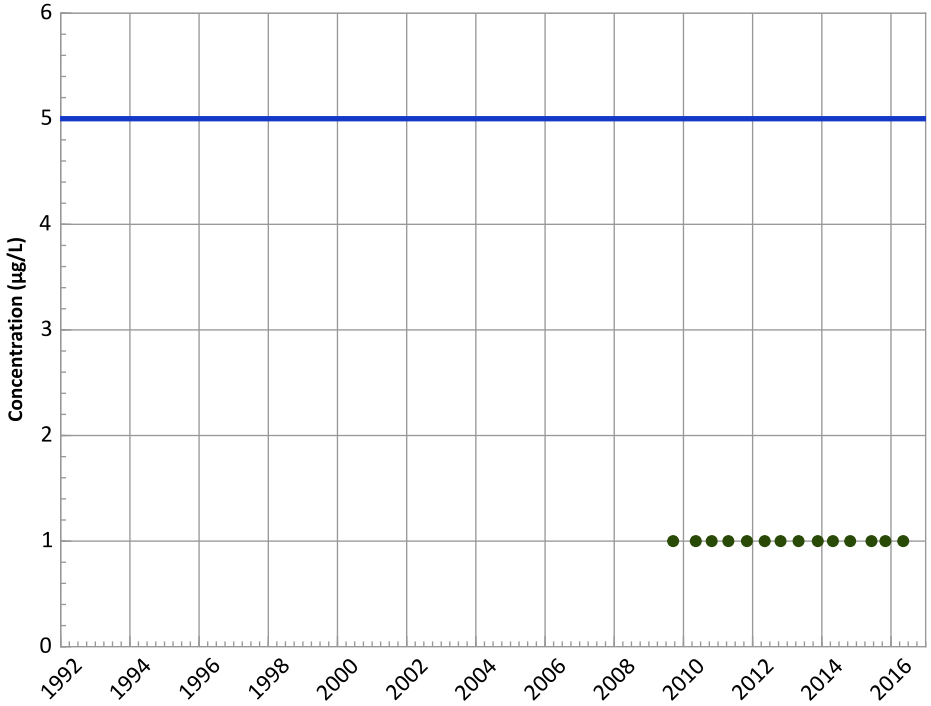


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

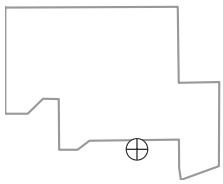
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/2008 to 05/09/2016
Analysis Date: 03/07/2017

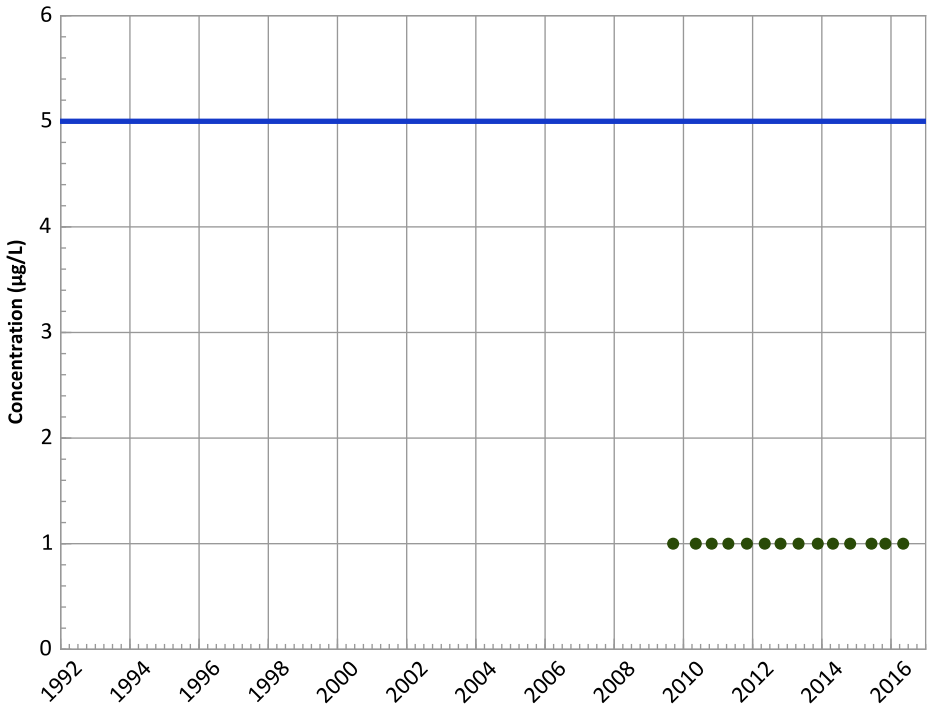
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1135 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

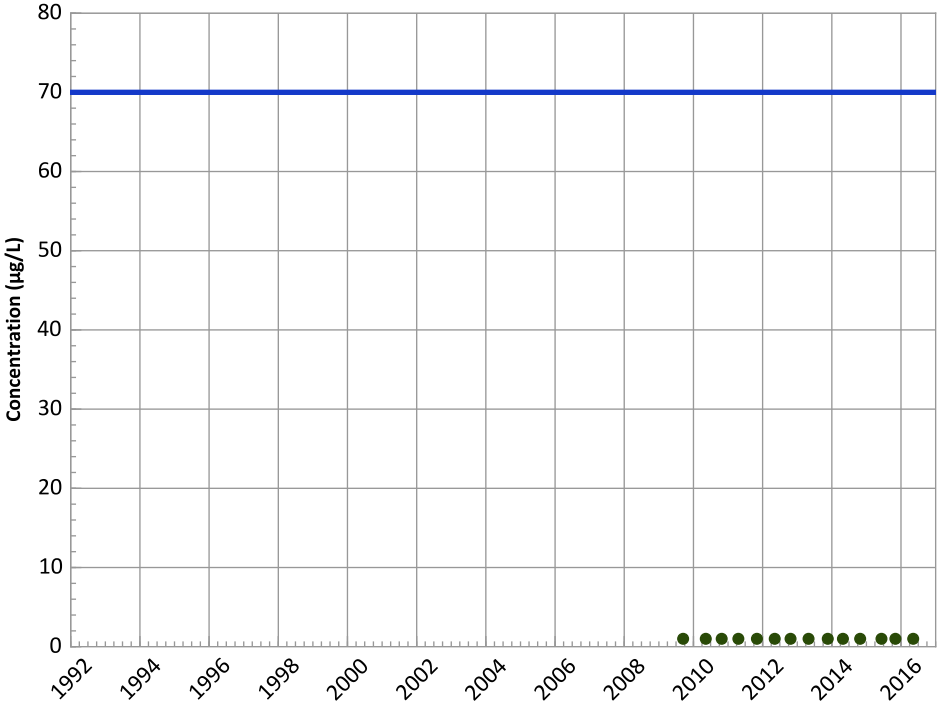


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

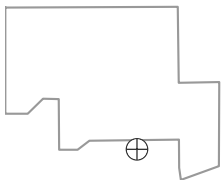
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/2008 to 05/09/2016
Analysis Date: 03/07/2017

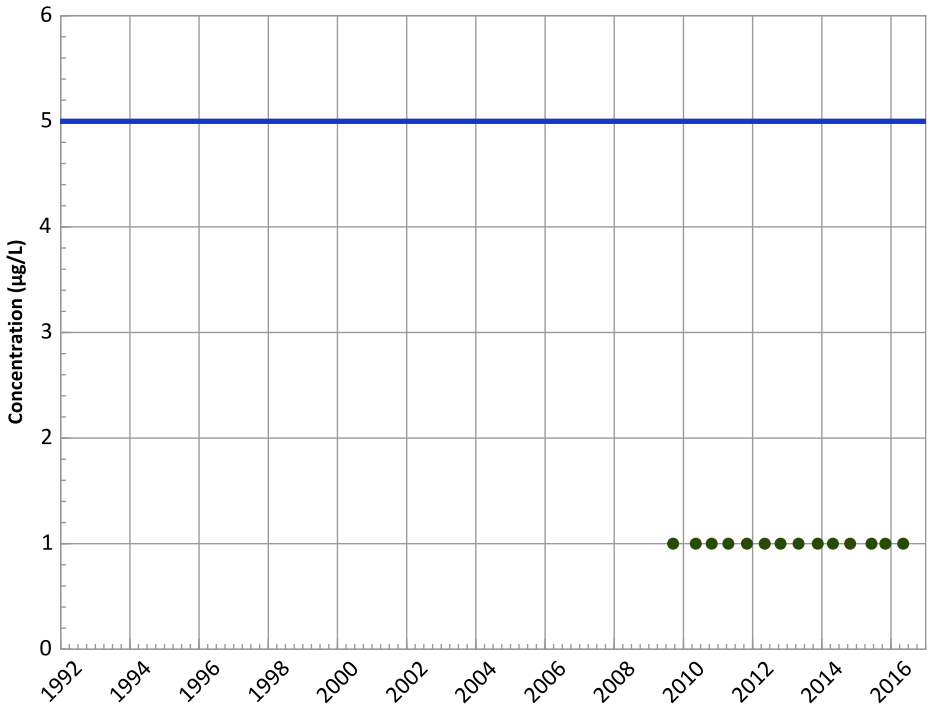
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1135 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

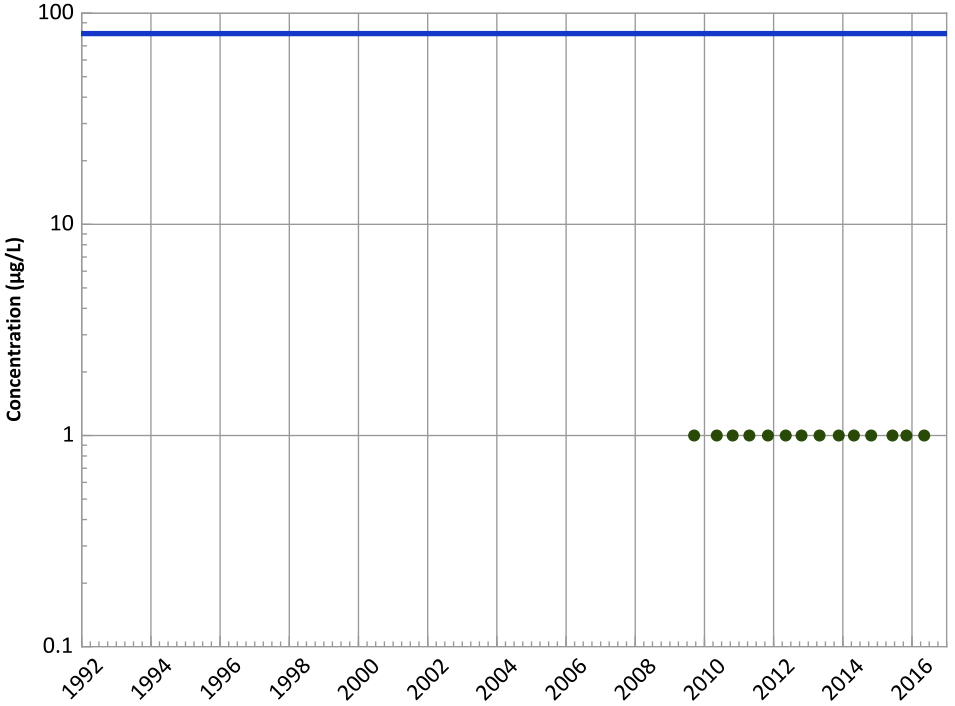


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Chloroform Trend



Concentration Trend

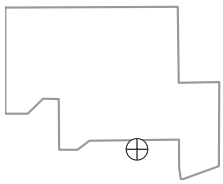
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/2008 to 05/09/2016
Analysis Date: 03/07/2017

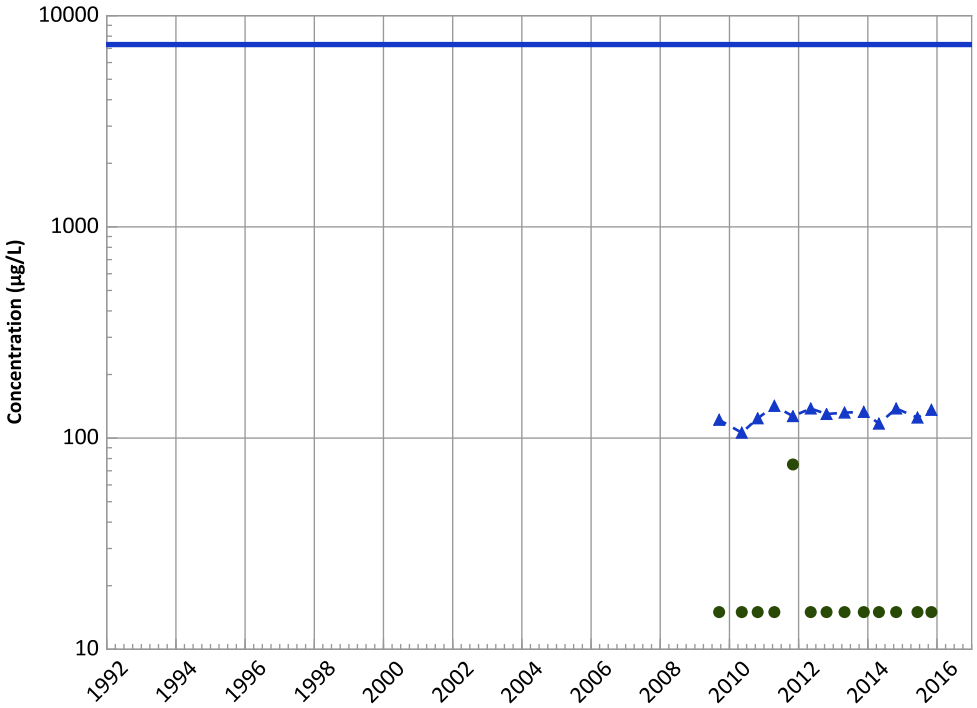
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1135 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

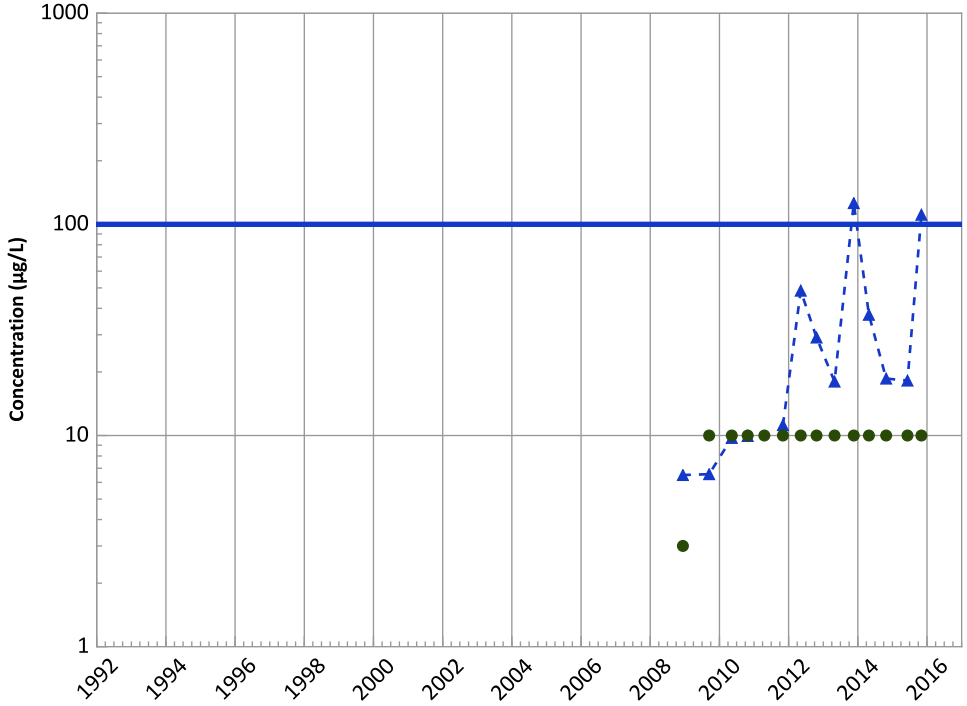


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Chromium, Total Trend



Concentration Trend

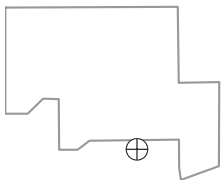
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/2008 to 05/09/2016
Analysis Date: 03/07/2017

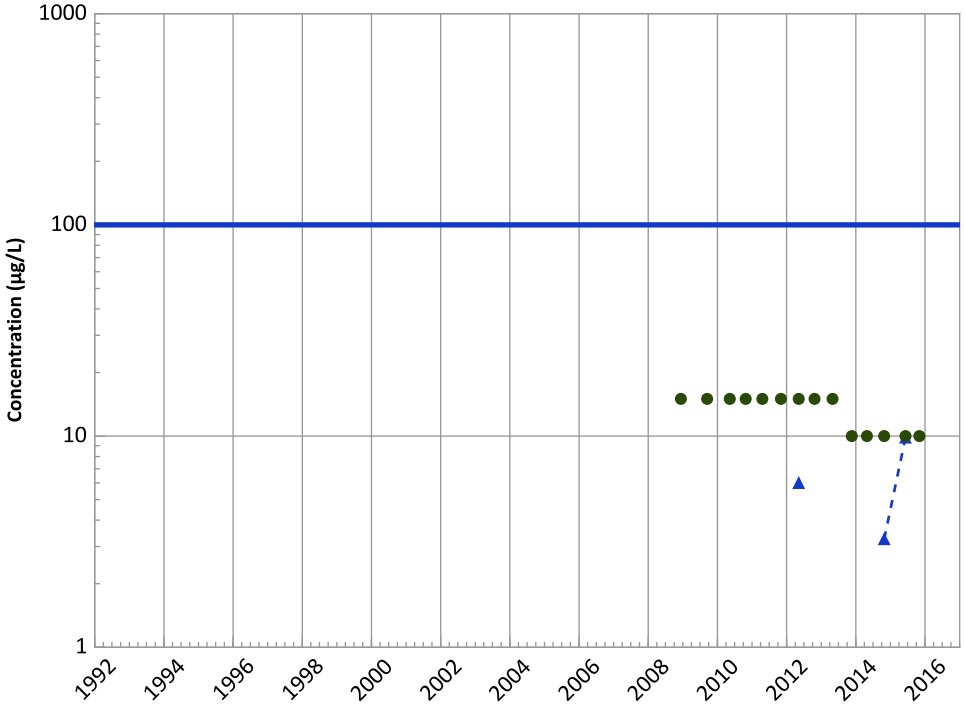
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1135 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

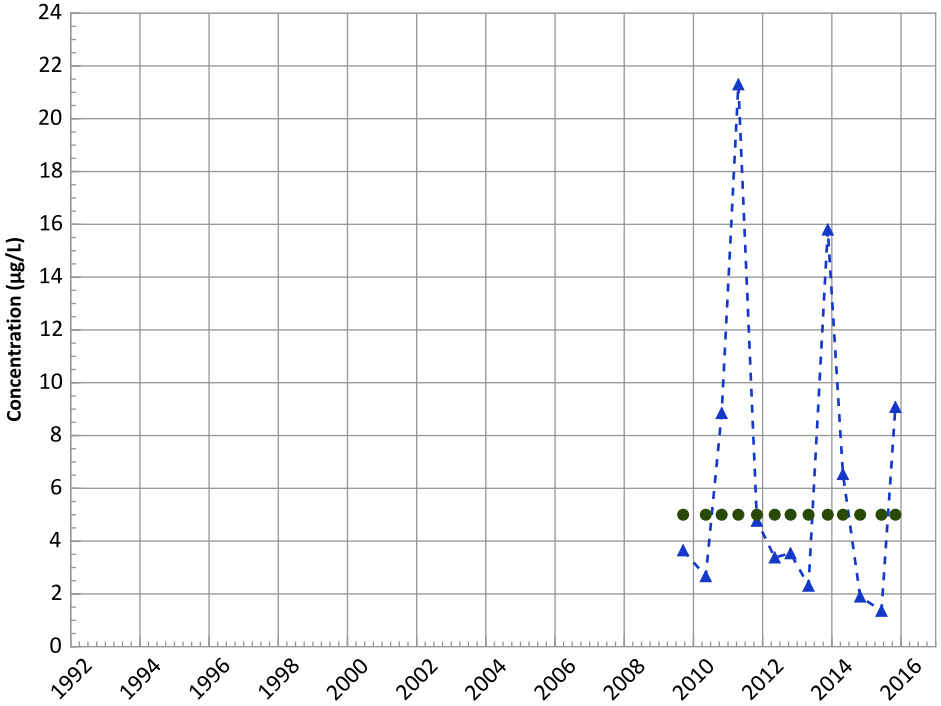


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

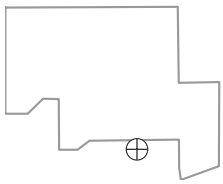
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/2008 to 05/09/2016
Analysis Date: 03/07/2017

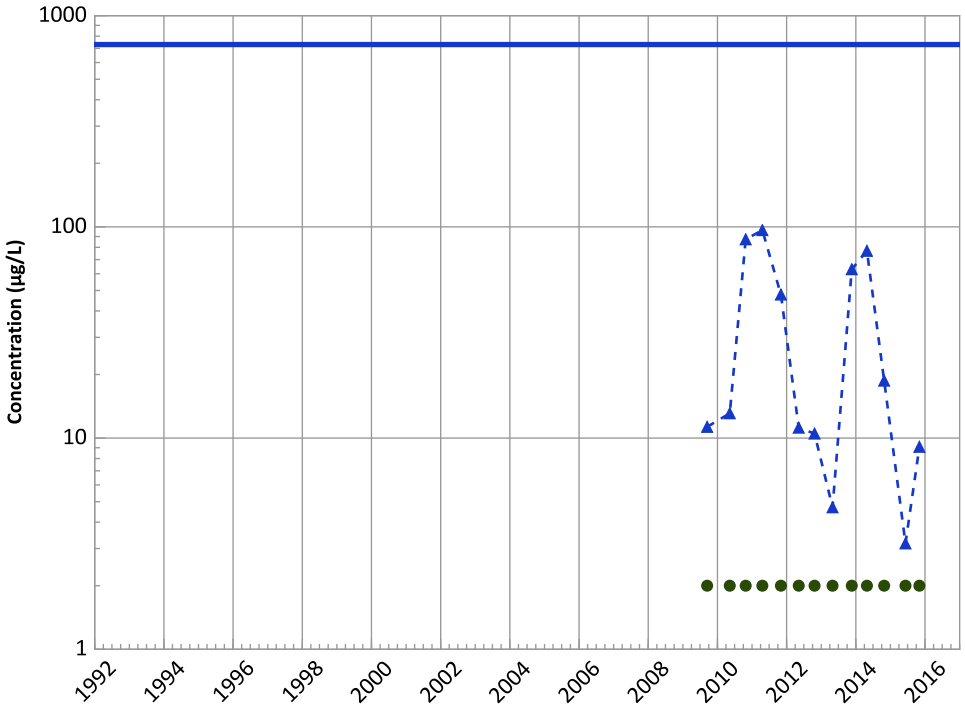
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1135 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

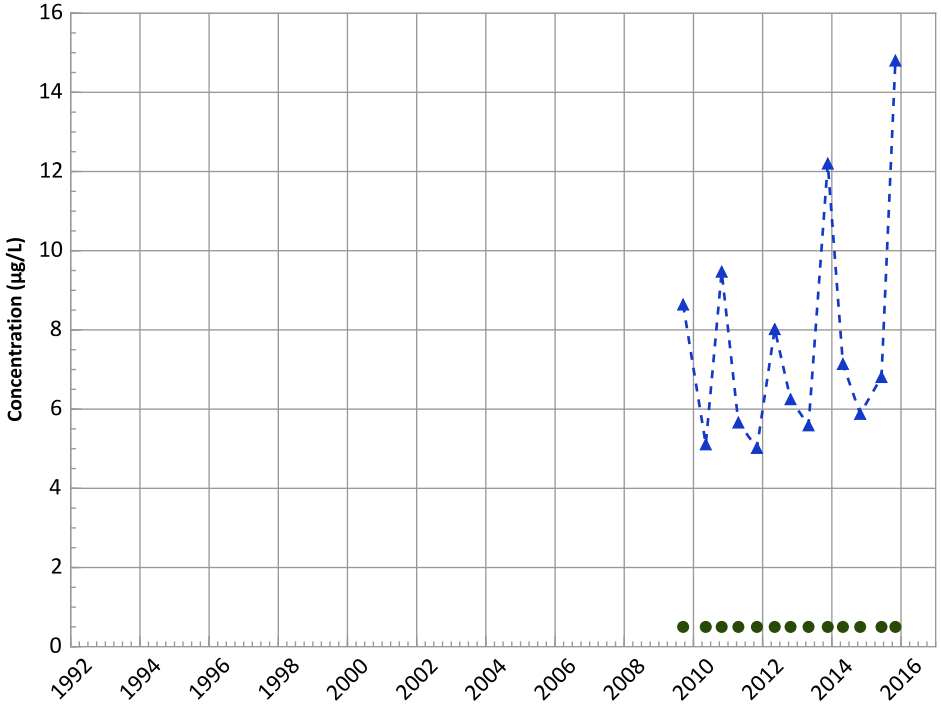


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Molybdenum Trend



Concentration Trend

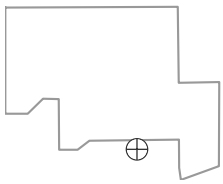
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/2008 to 05/09/2016
Analysis Date: 03/07/2017

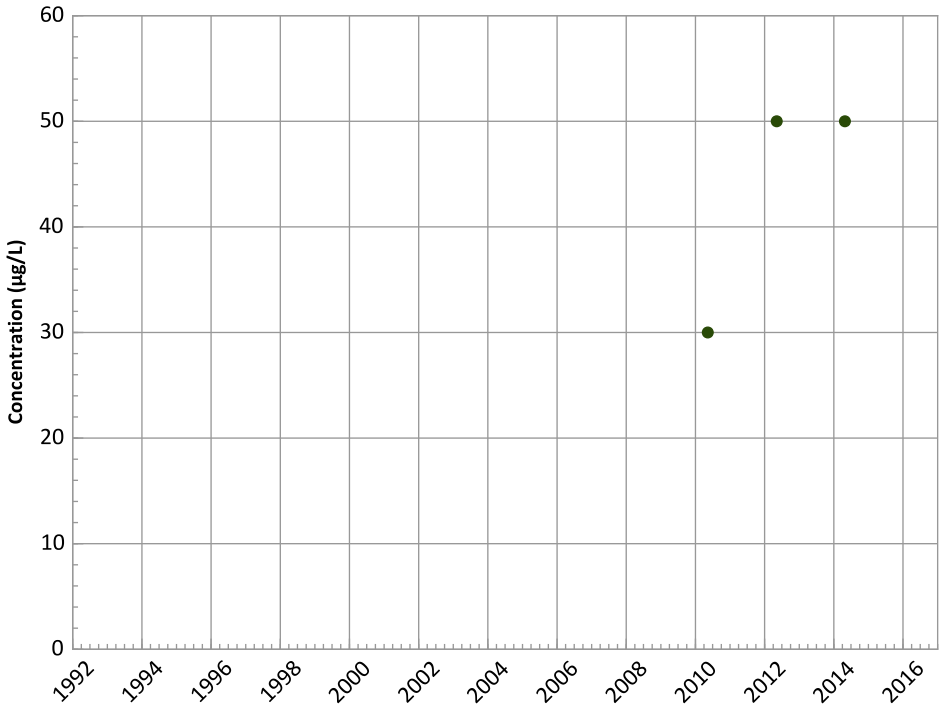
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1135 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

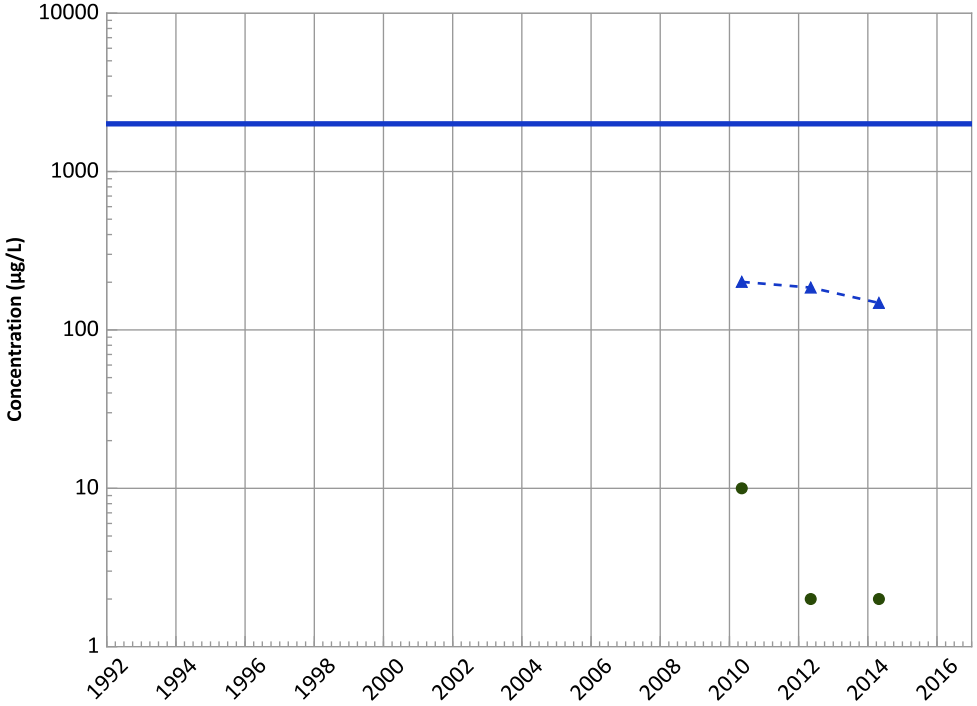


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Barium Trend



Concentration Trend

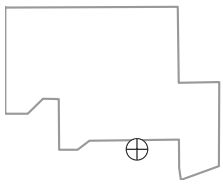
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/2008 to 05/09/2016
Analysis Date: 03/07/2017

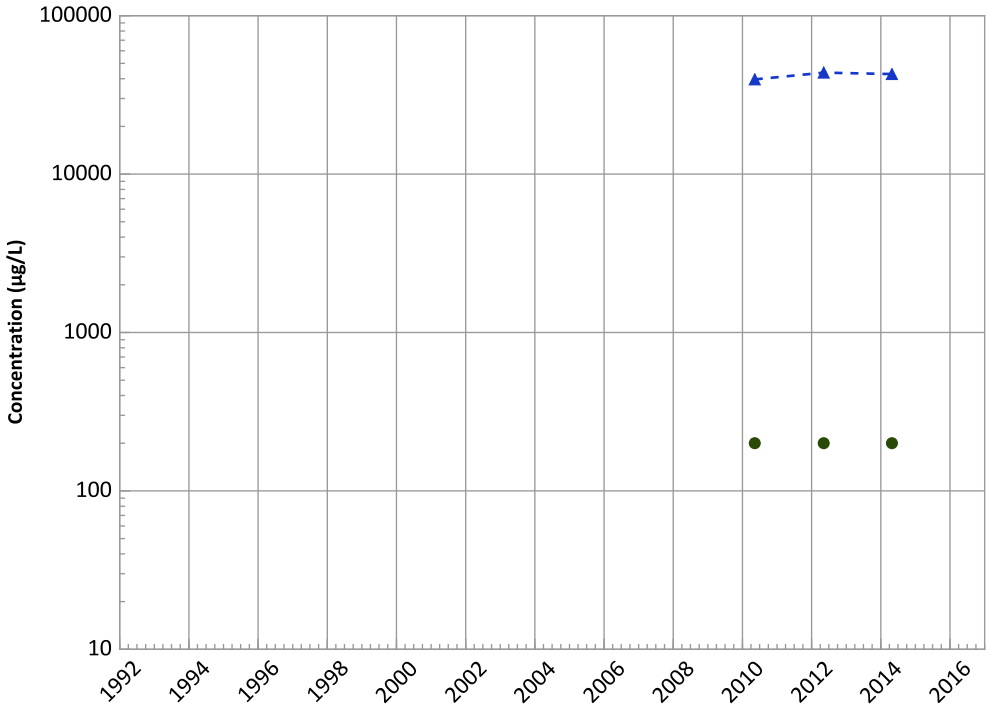
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1135 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

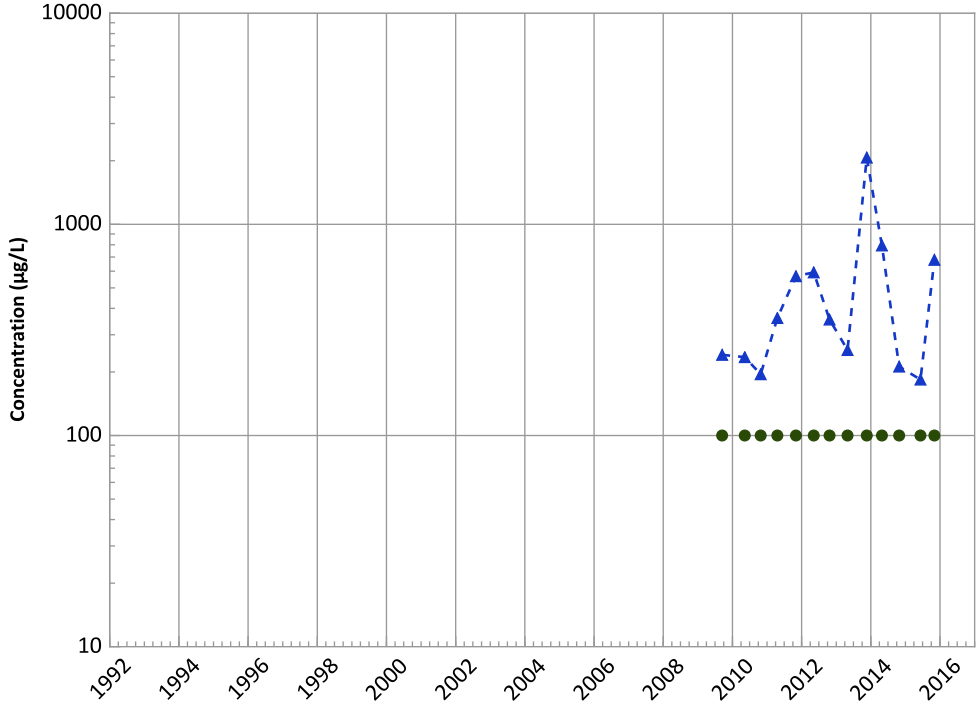


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

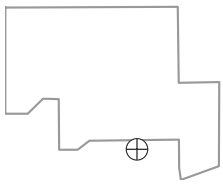
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/2008 to 05/09/2016
Analysis Date: 03/07/2017

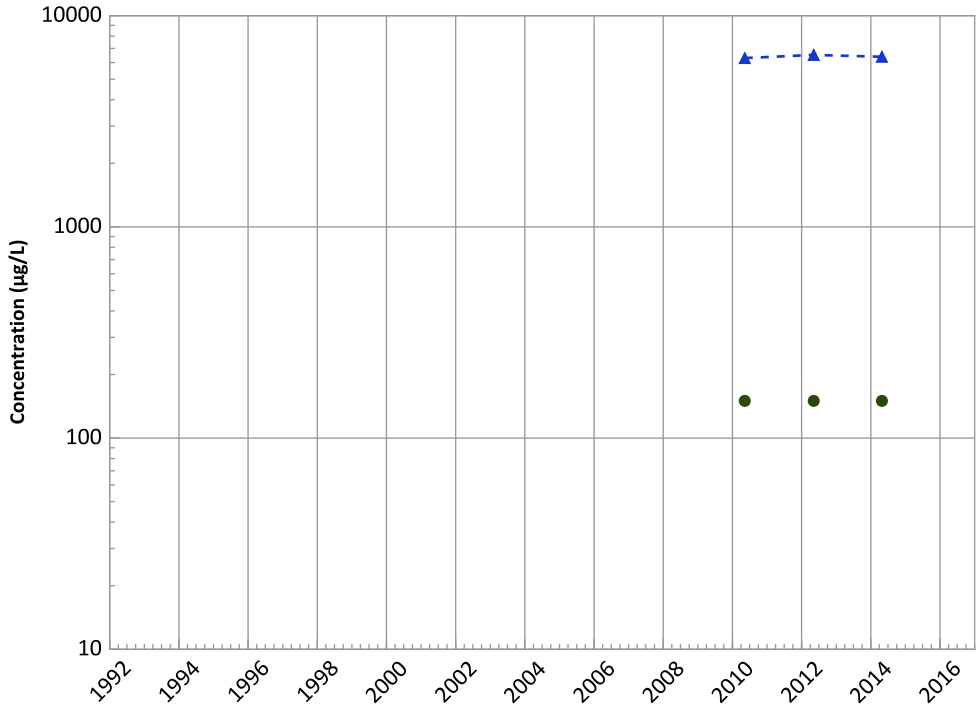
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1135 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

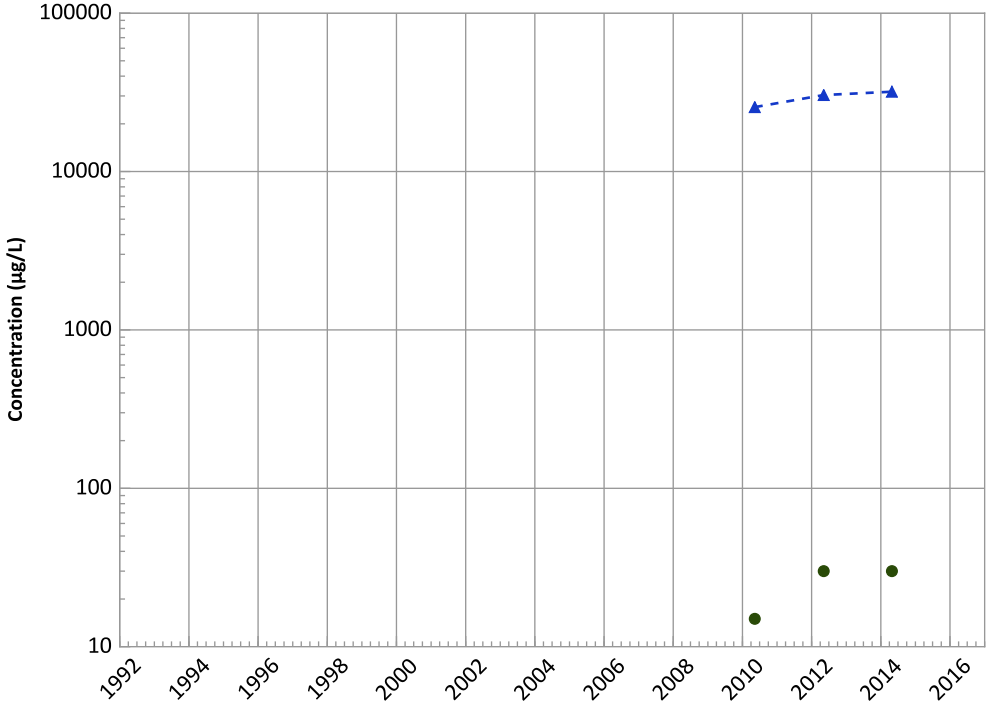


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

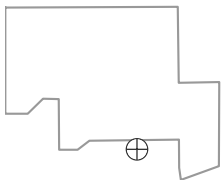
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/2008 to 05/09/2016
Analysis Date: 03/07/2017

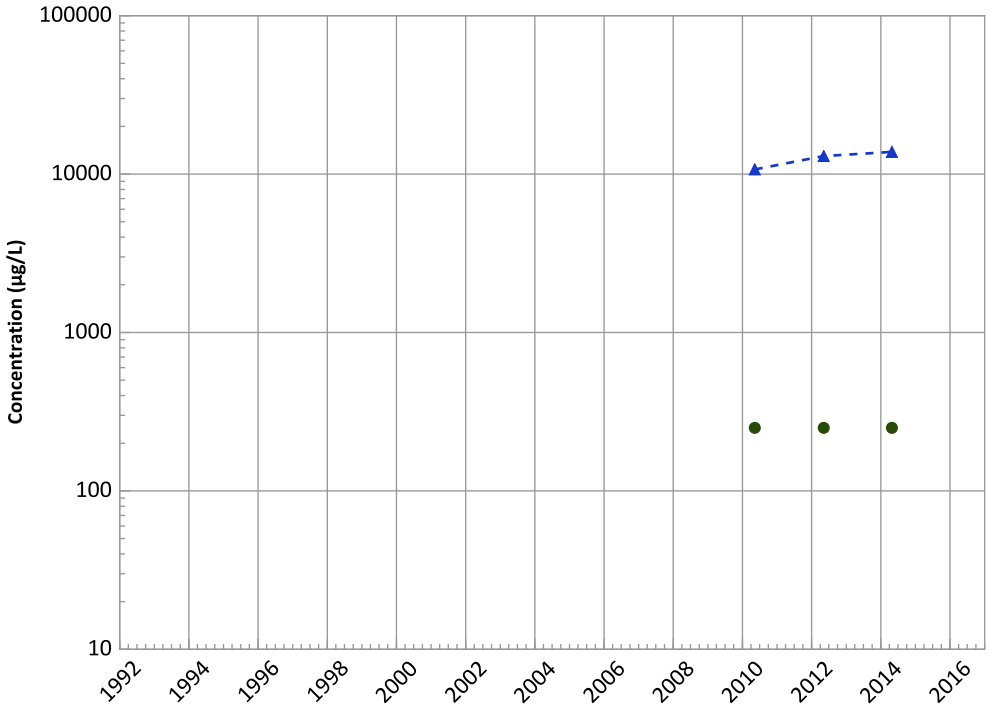
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1135 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

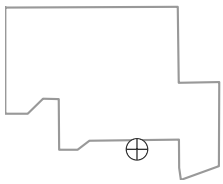
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

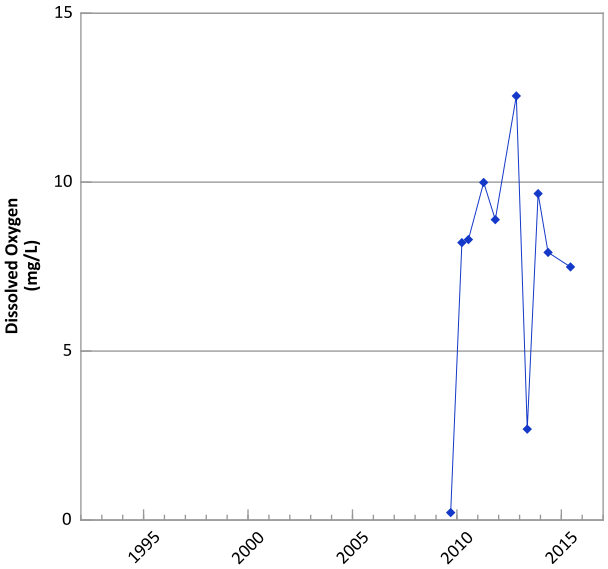
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/2008 to 05/09/2016
Analysis Date: 03/07/2017

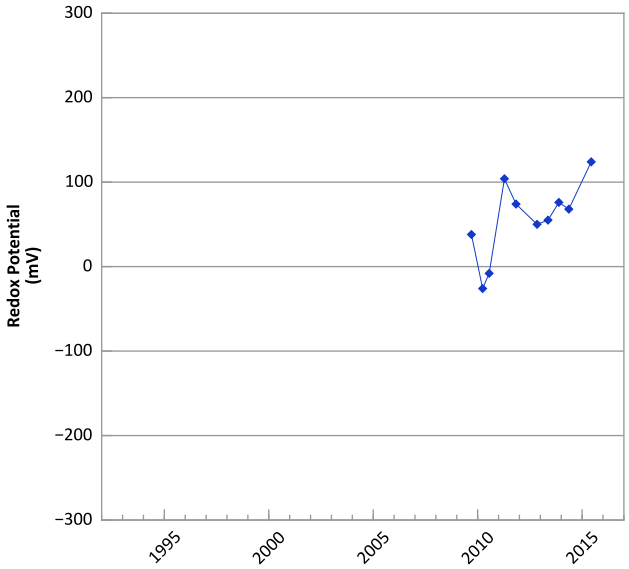
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

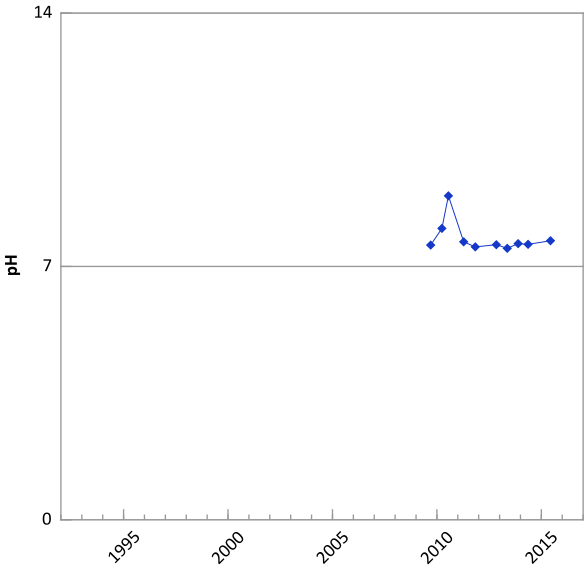
Well Location

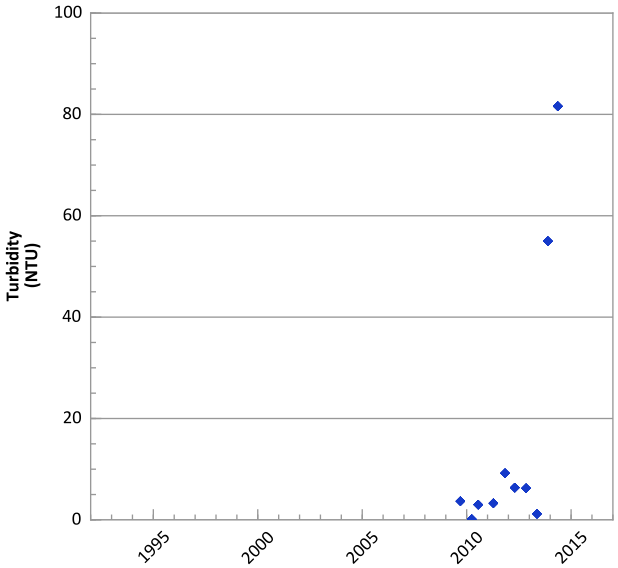


PTX06-1136 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



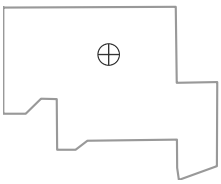






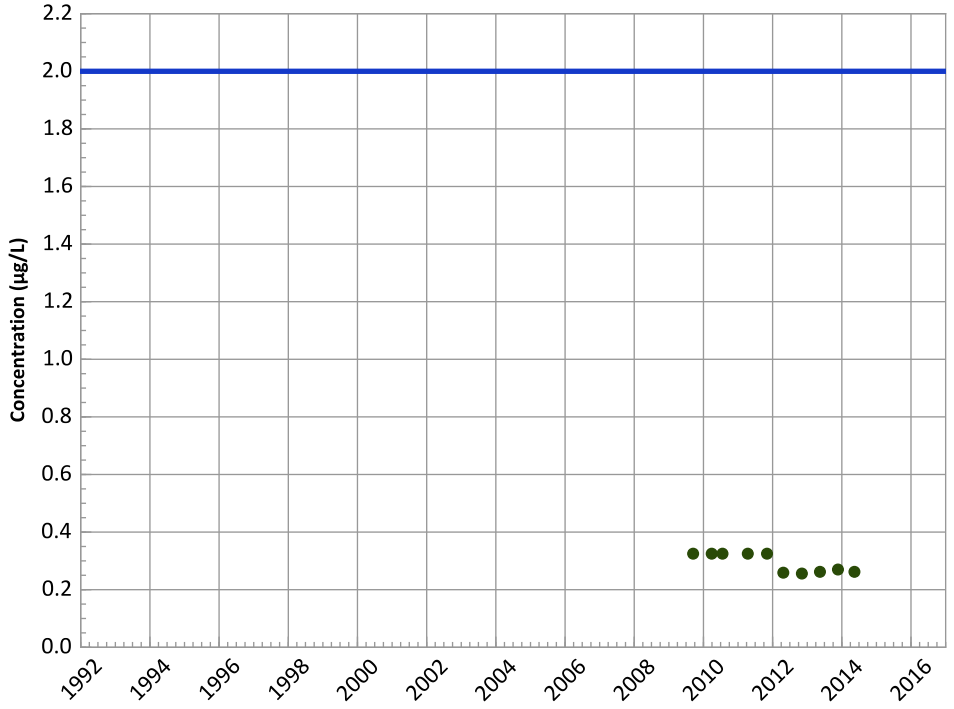
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/14/2009 to 05/14/2014
Analysis Date: 03/07/2017

Well Location



PTX06-1136 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

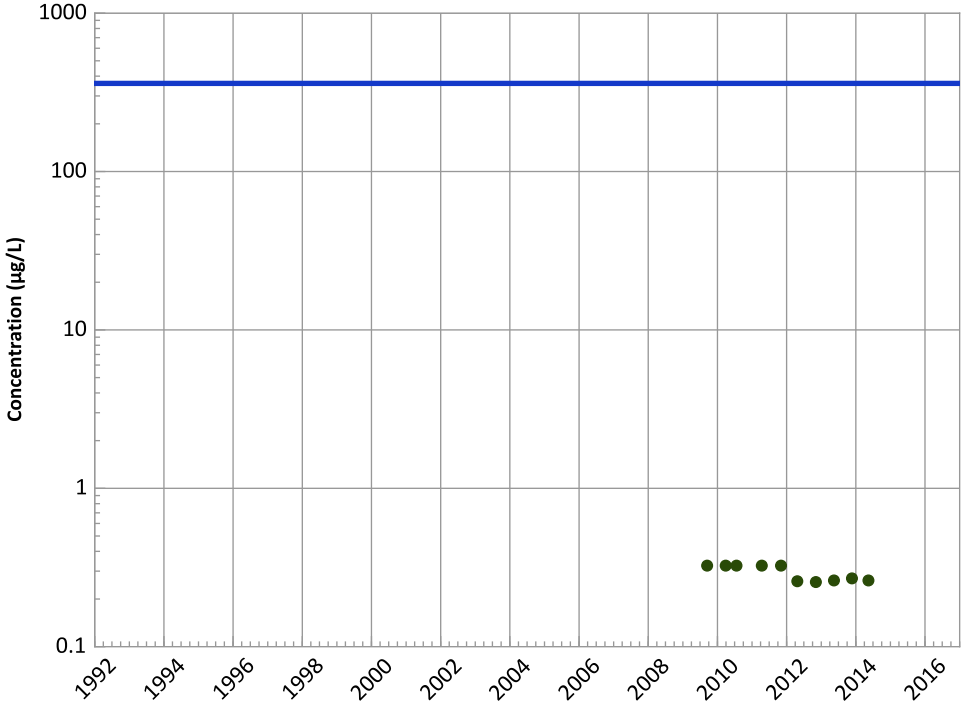


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

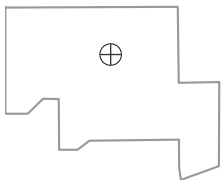
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/14/2009 to 05/14/2014
Analysis Date: 03/07/2017

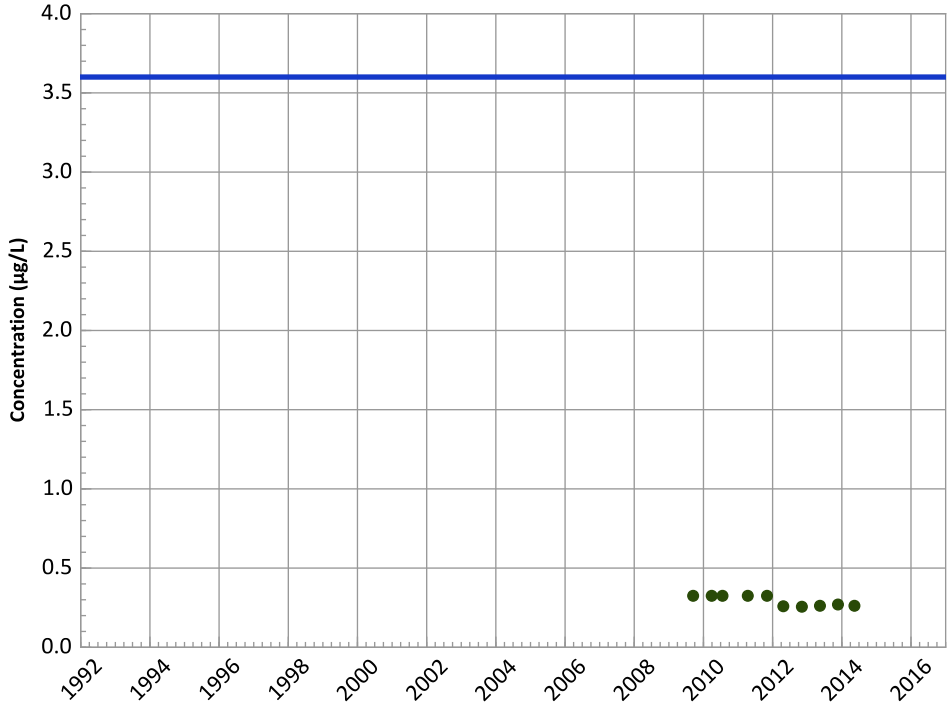
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1136 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

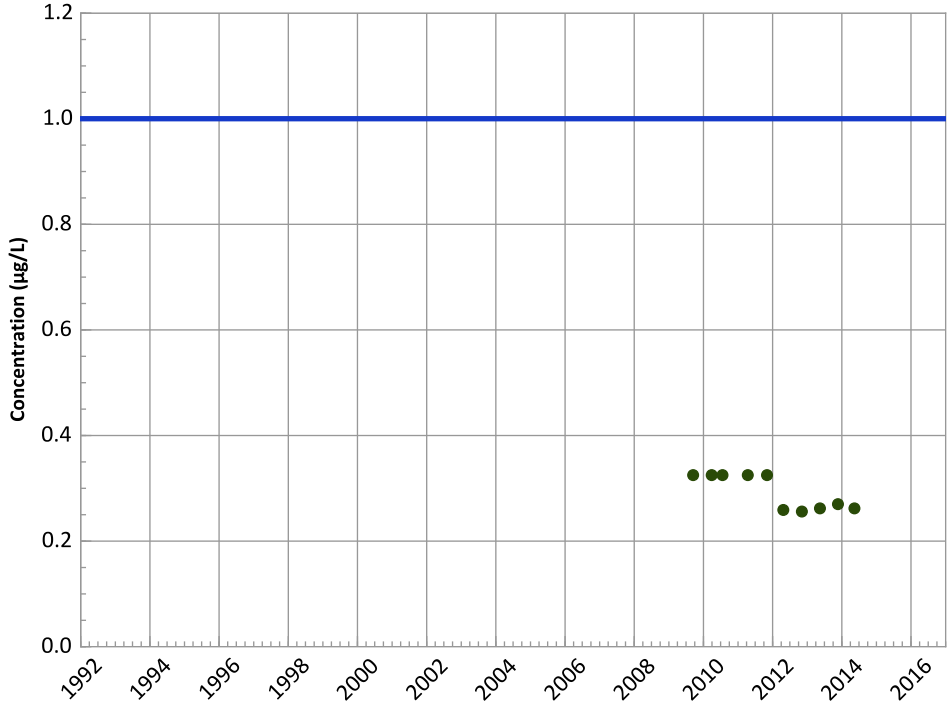


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

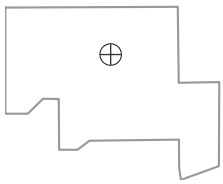
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/14/2009 to 05/14/2014
Analysis Date: 03/07/2017

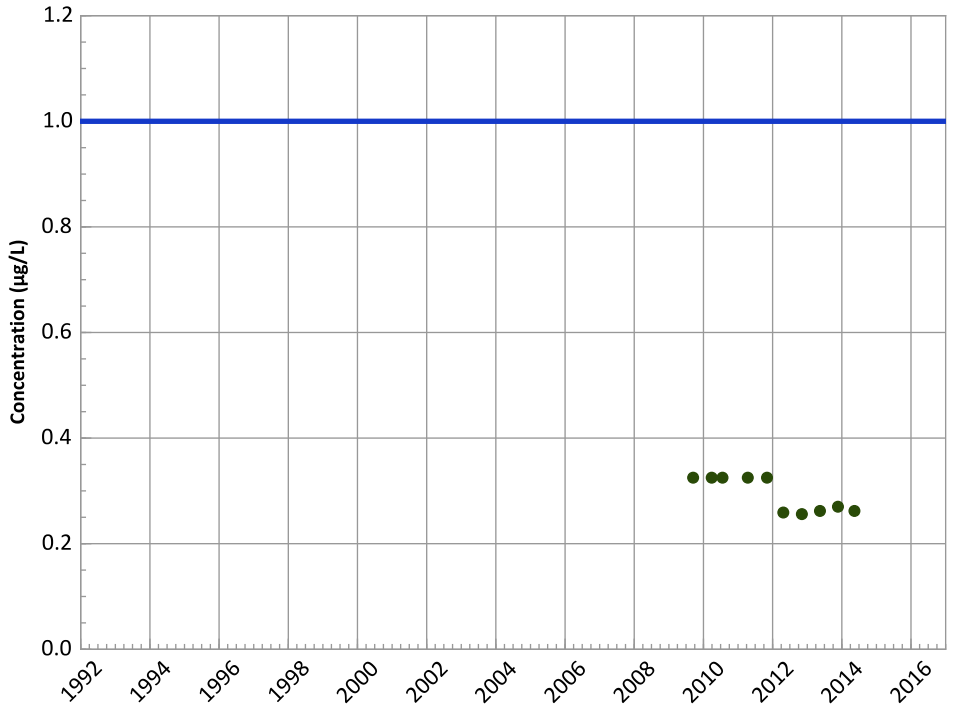
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1136 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

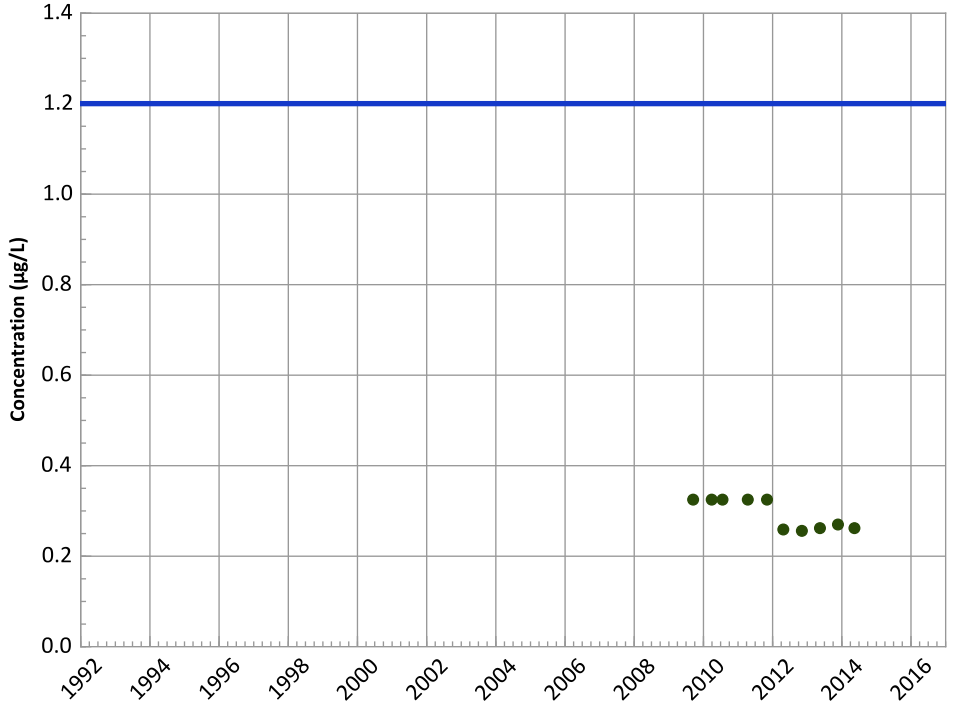


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

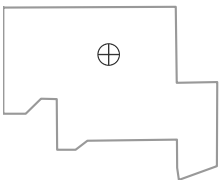
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/14/2009 to 05/14/2014
Analysis Date: 03/07/2017

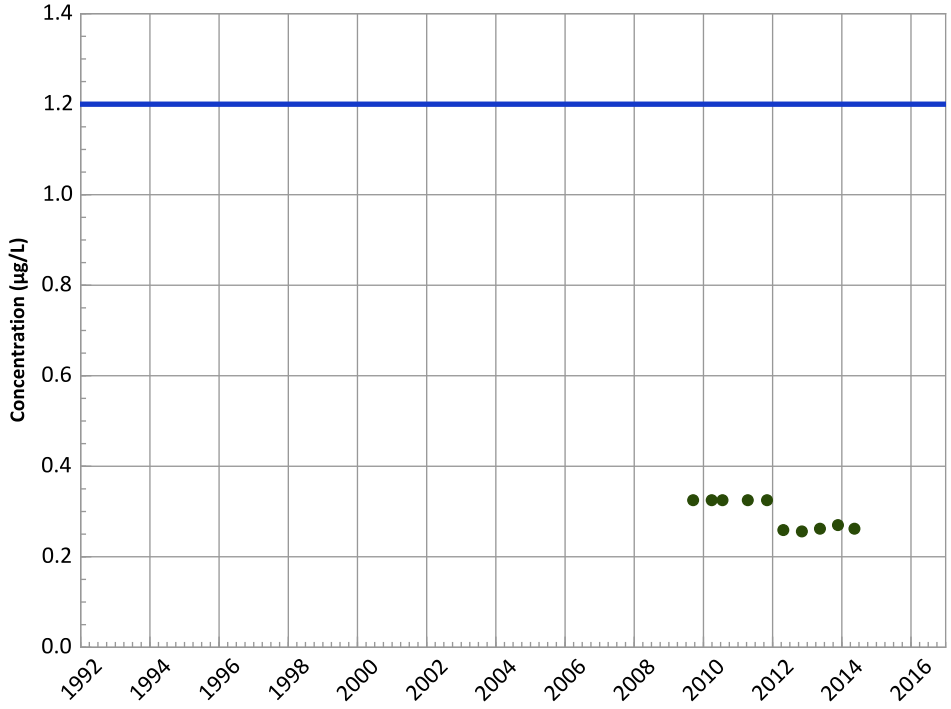
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1136 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

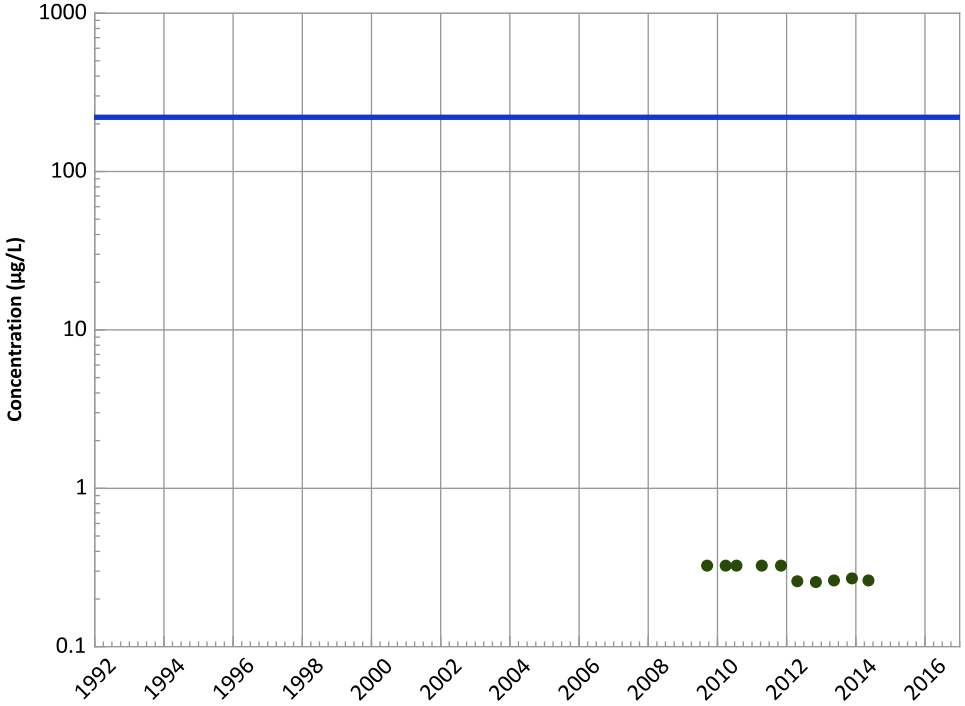


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

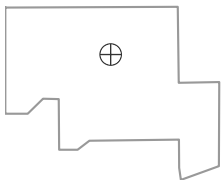
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/14/2009 to 05/14/2014
Analysis Date: 03/07/2017

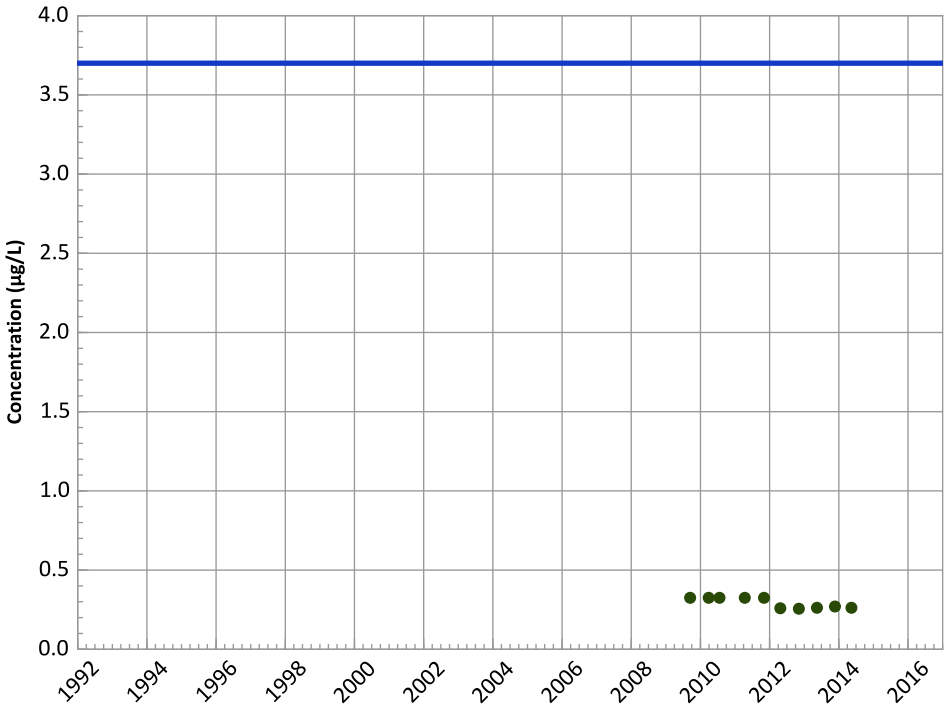
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1136 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

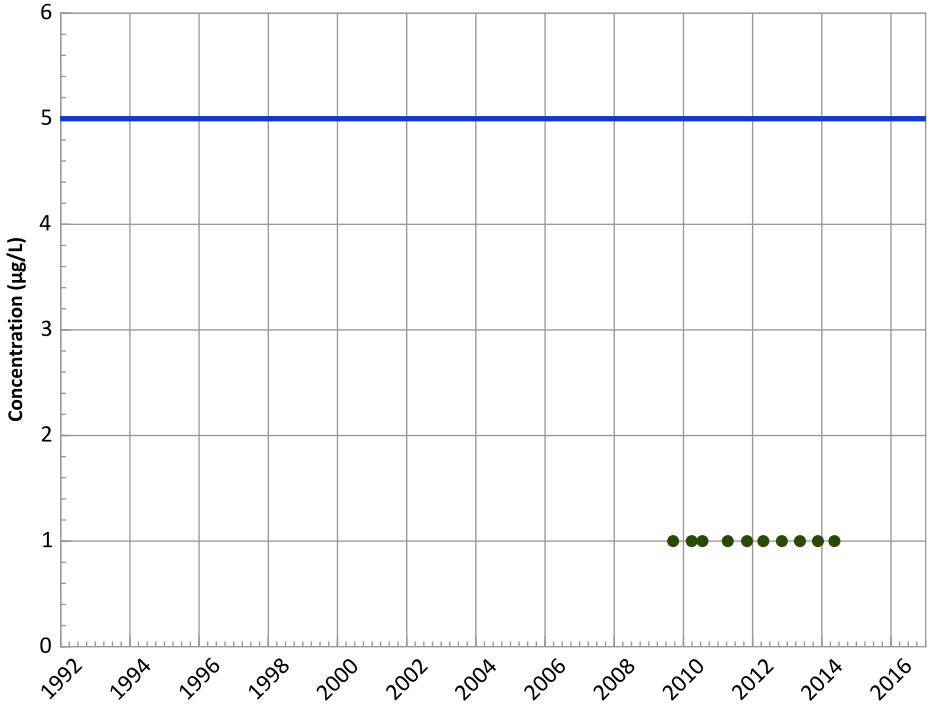


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

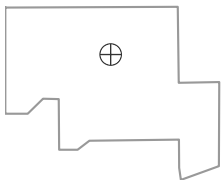
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/14/2009 to 05/14/2014
Analysis Date: 03/07/2017

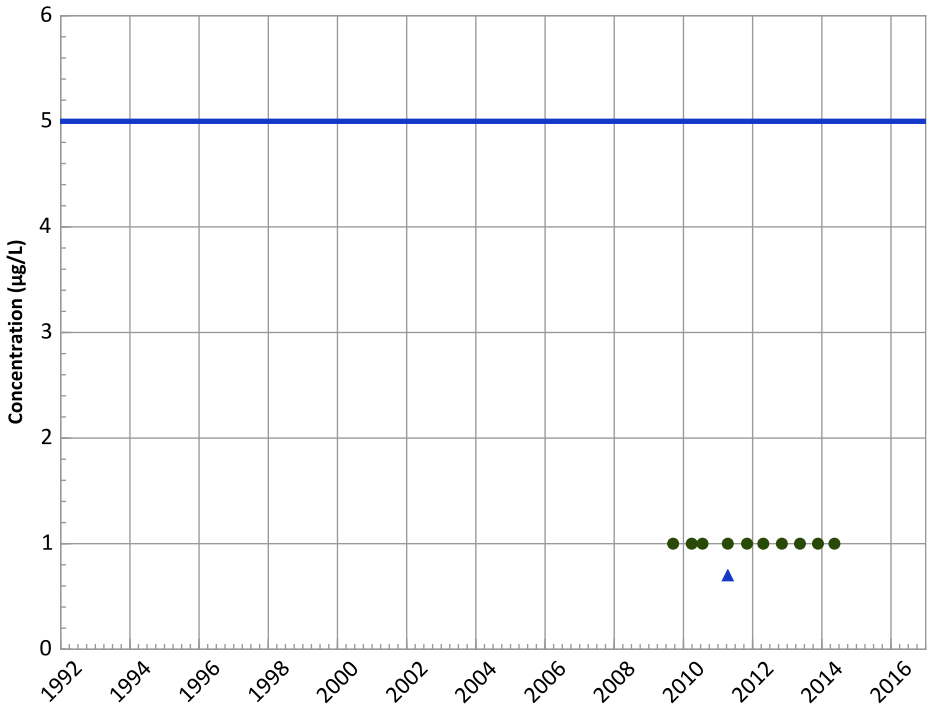
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1136 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

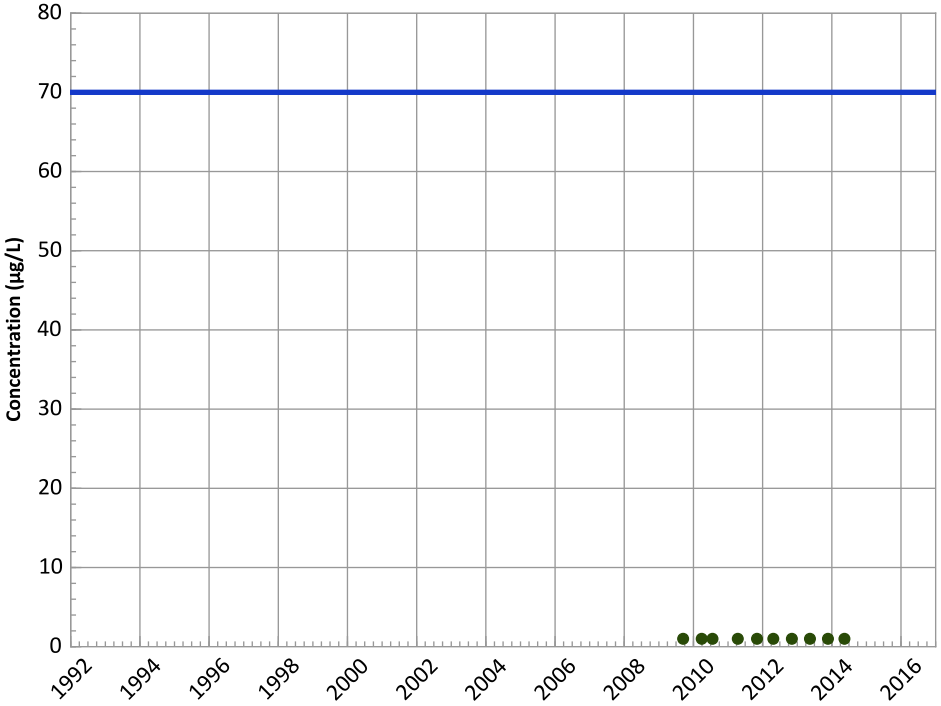


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend



Concentration Trend

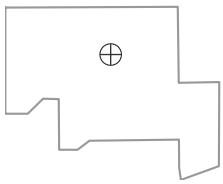
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/14/2009 to 05/14/2014
Analysis Date: 03/07/2017

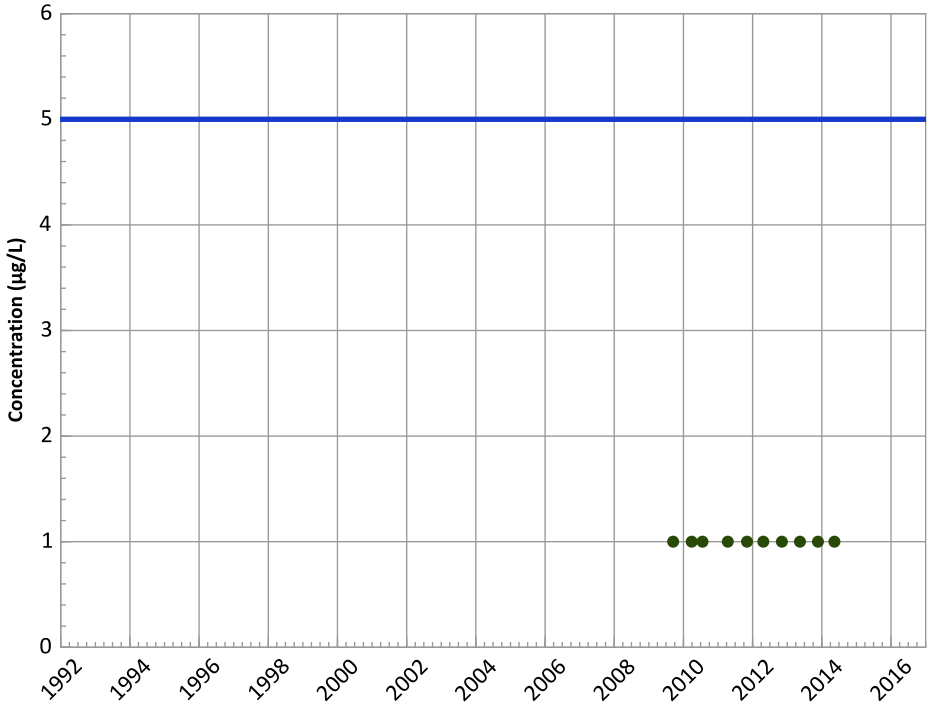
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1136 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

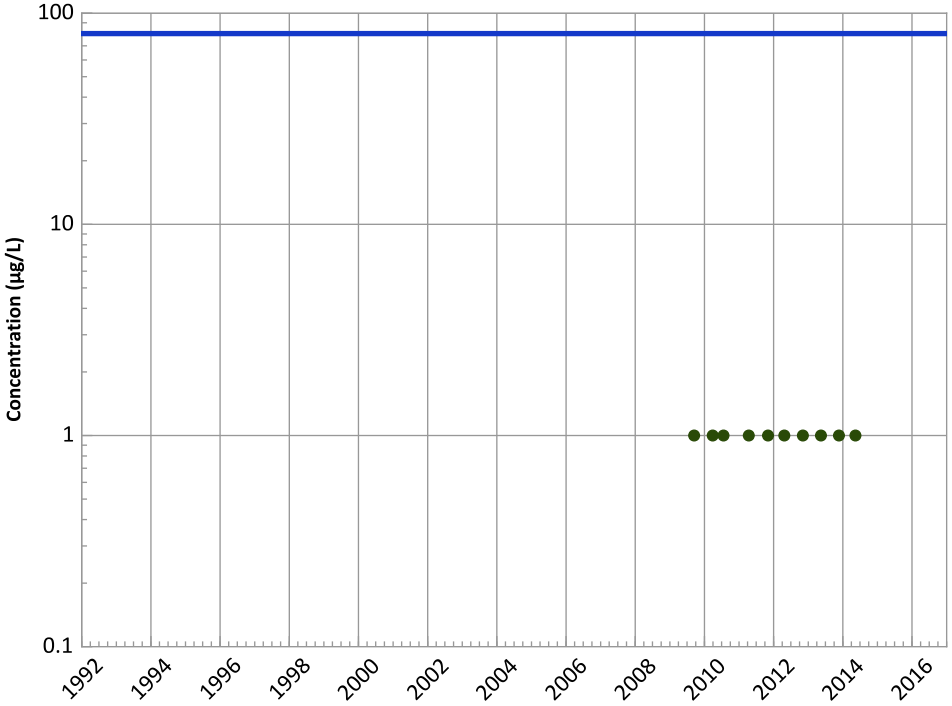


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Chloroform Trend



Concentration Trend

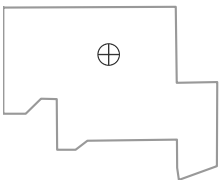
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/14/2009 to 05/14/2014
Analysis Date: 03/07/2017

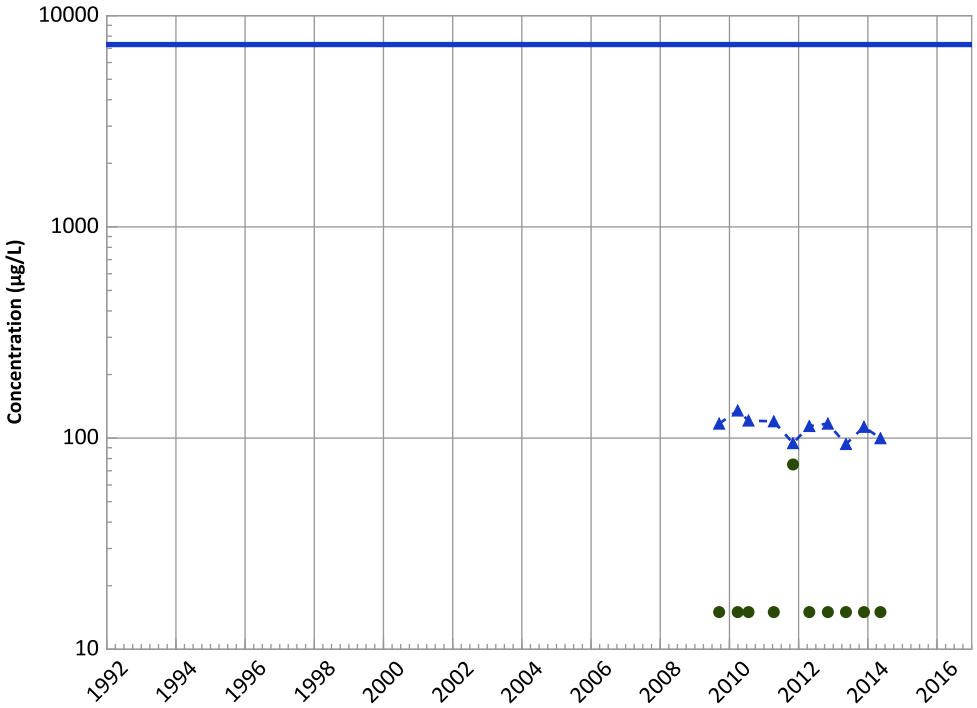
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1136 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

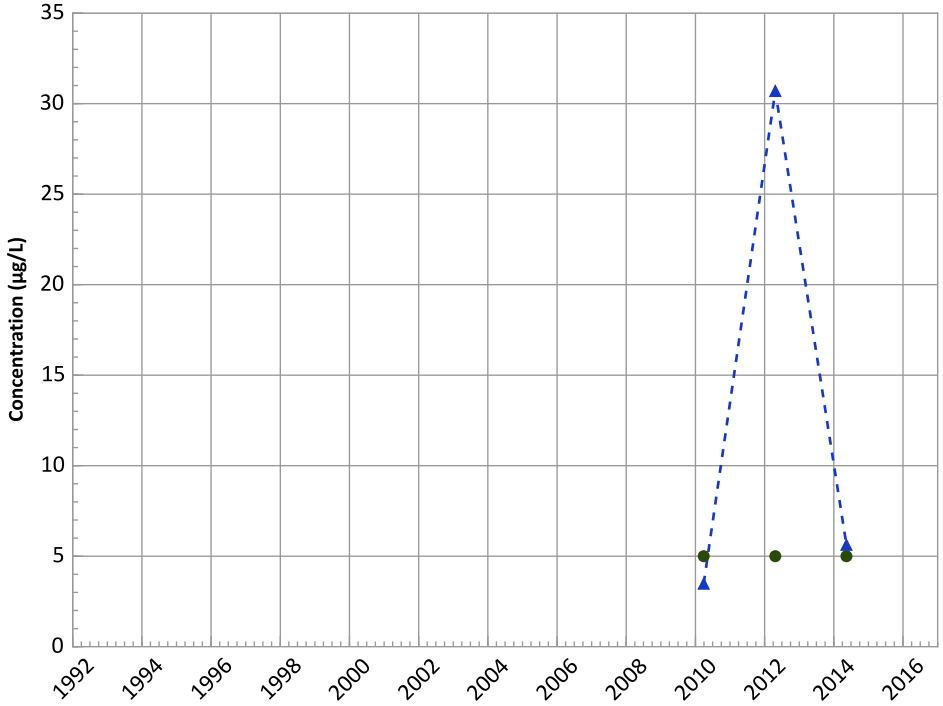


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Manganese Trend



Concentration Trend

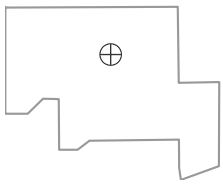
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/14/2009 to 05/14/2014
Analysis Date: 03/07/2017

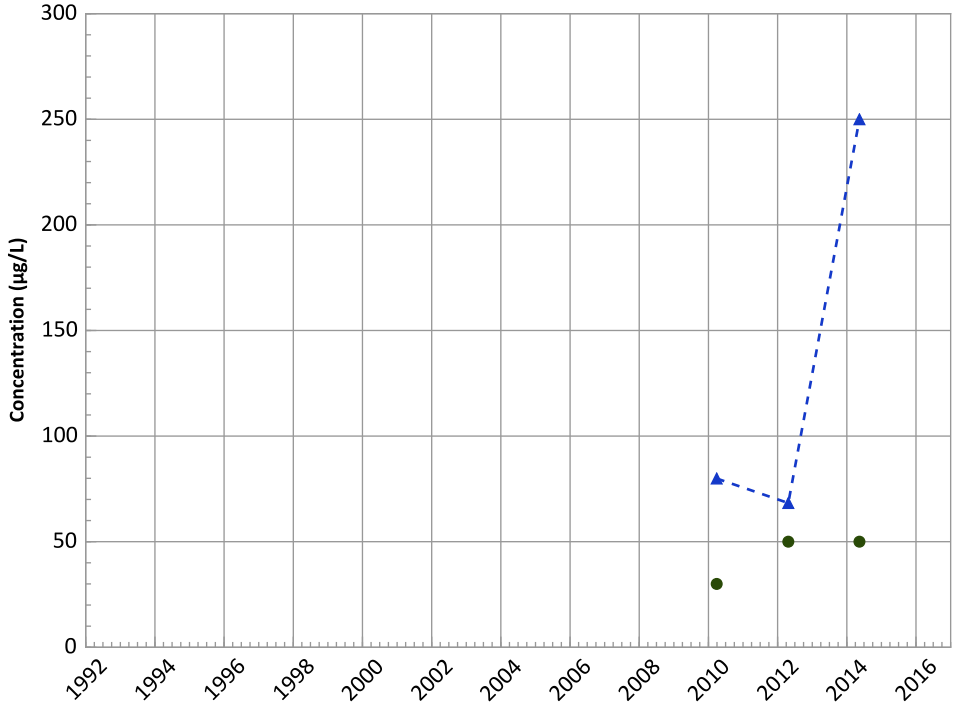
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1136 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

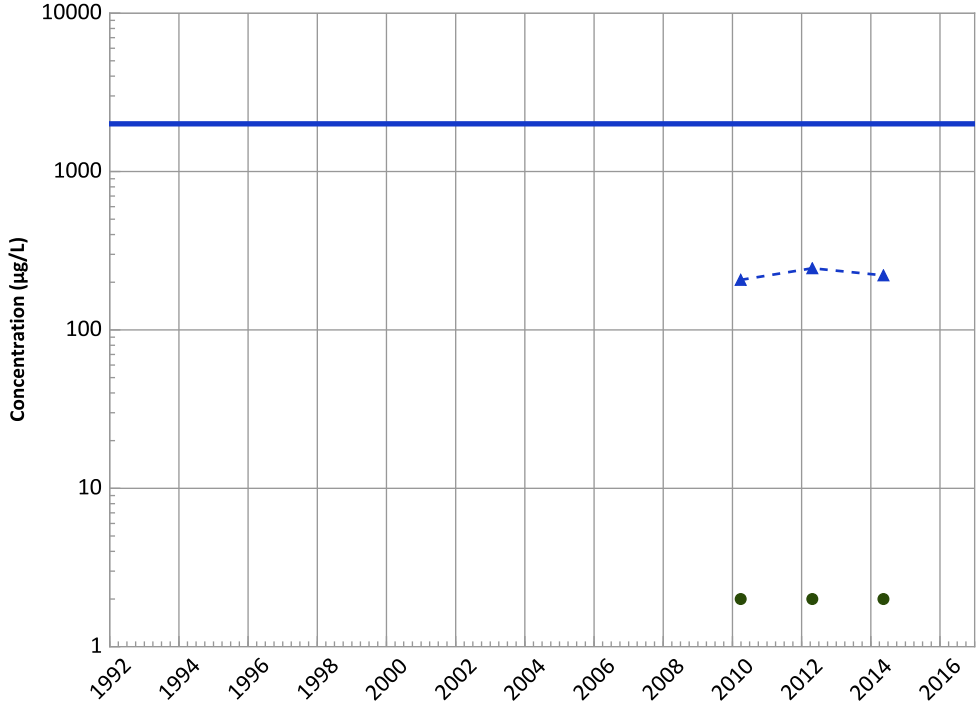


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

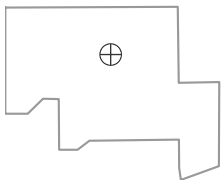
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/14/2009 to 05/14/2014
Analysis Date: 03/07/2017

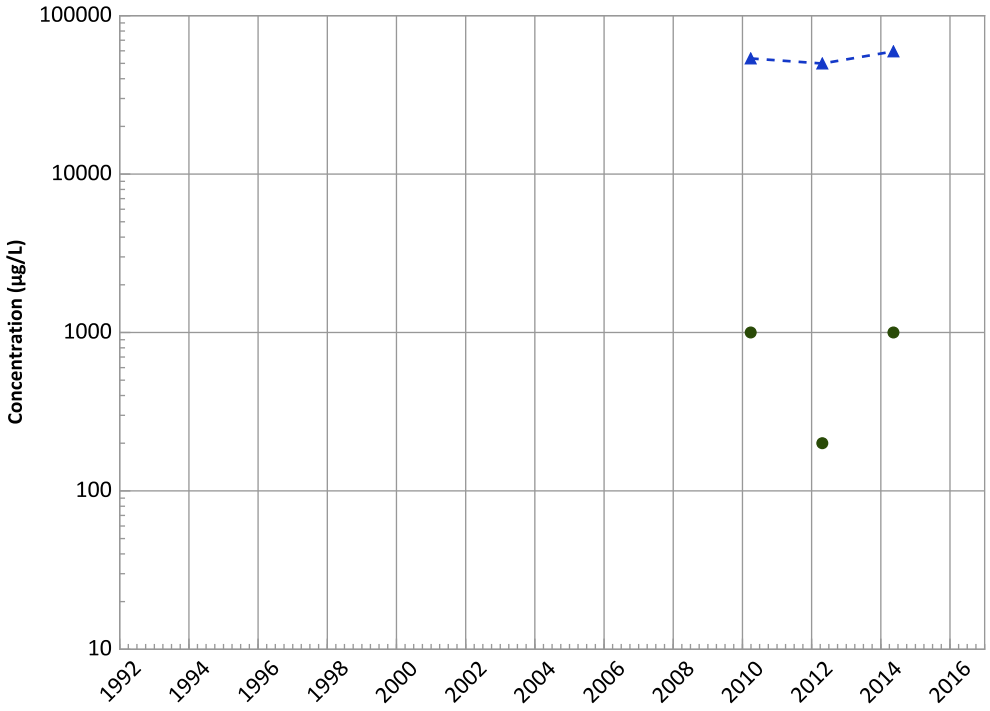
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1136 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

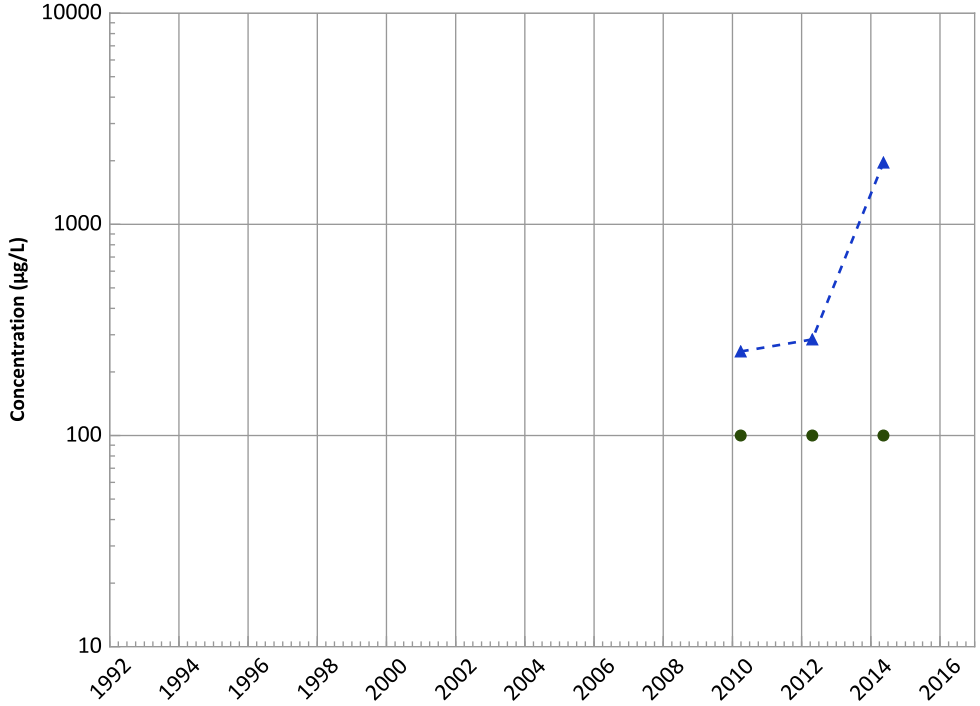


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

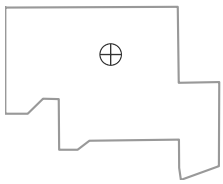
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/14/2009 to 05/14/2014
Analysis Date: 03/07/2017

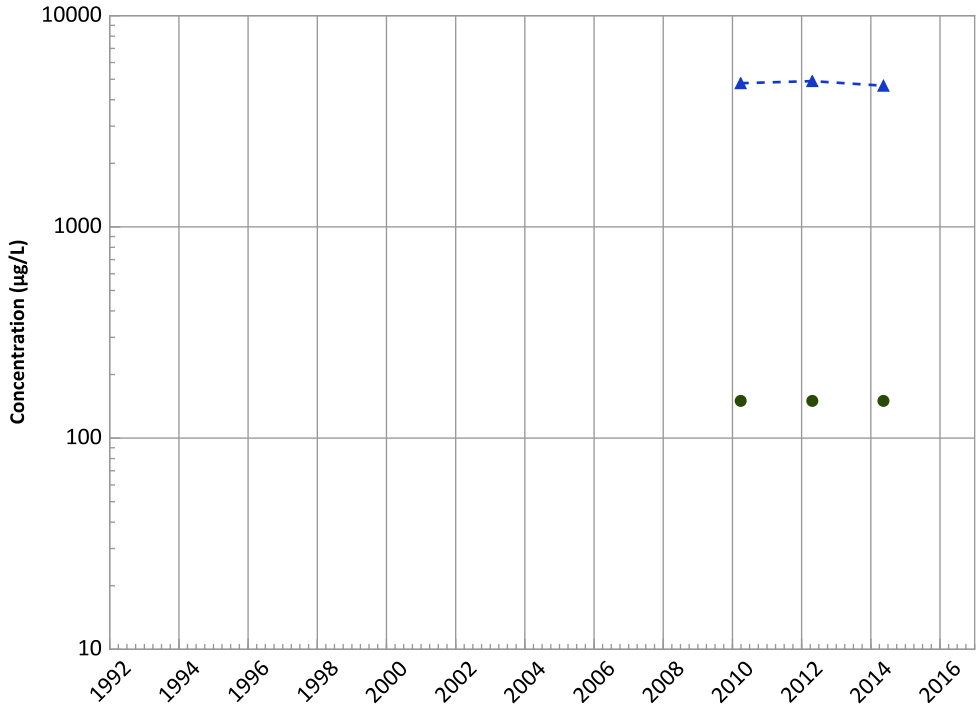
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1136 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

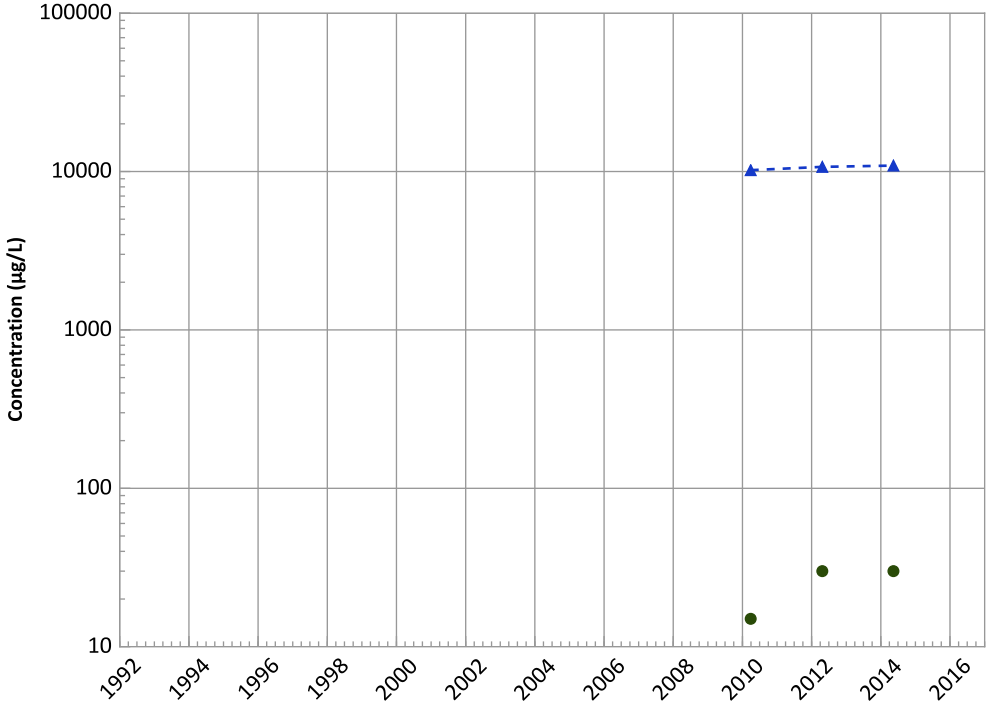


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

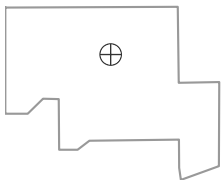
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/14/2009 to 05/14/2014
Analysis Date: 03/07/2017

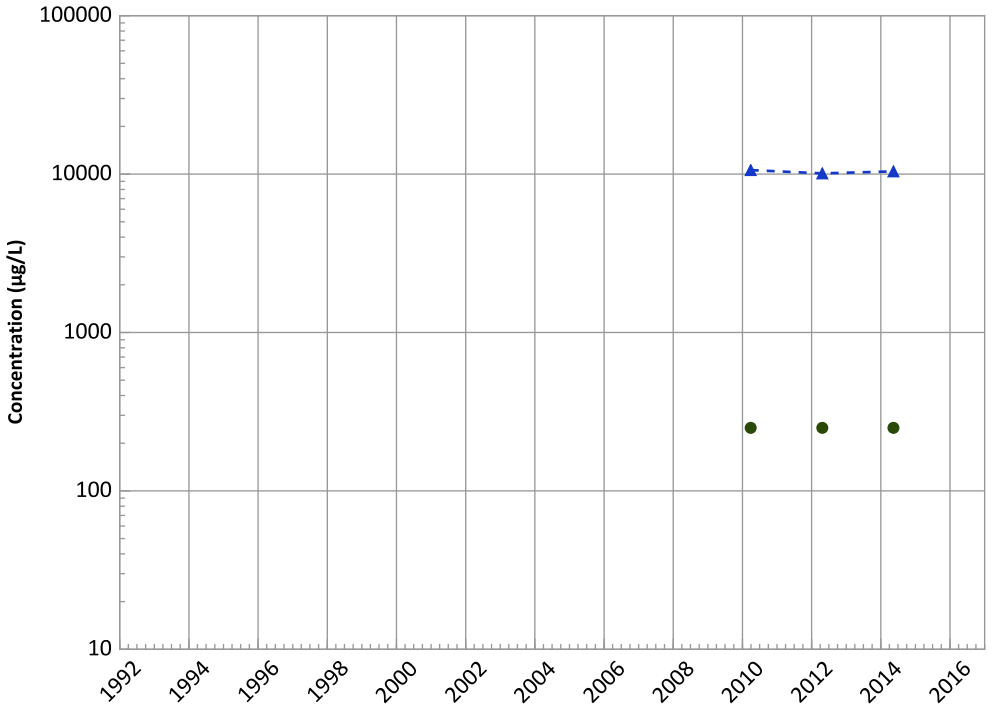
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1136 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

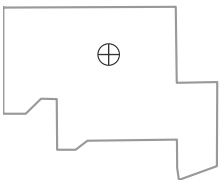
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

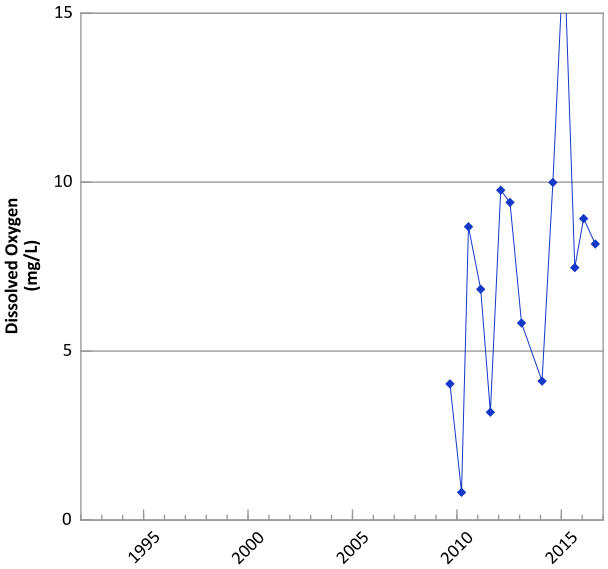
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/14/2009 to 05/14/2014
Analysis Date: 03/07/2017

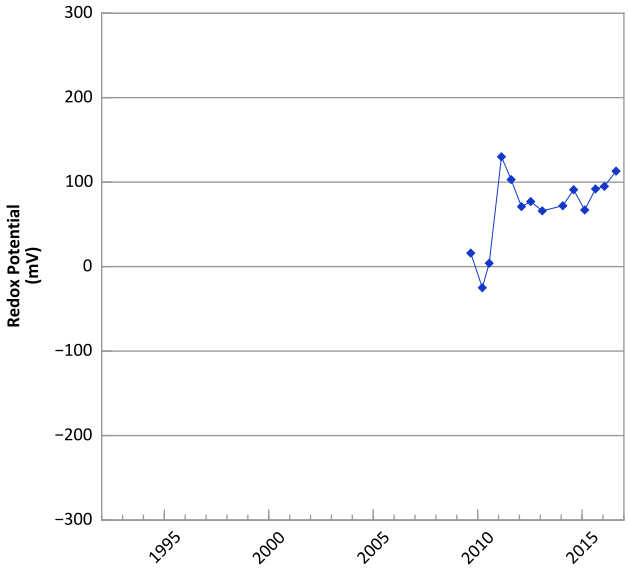
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

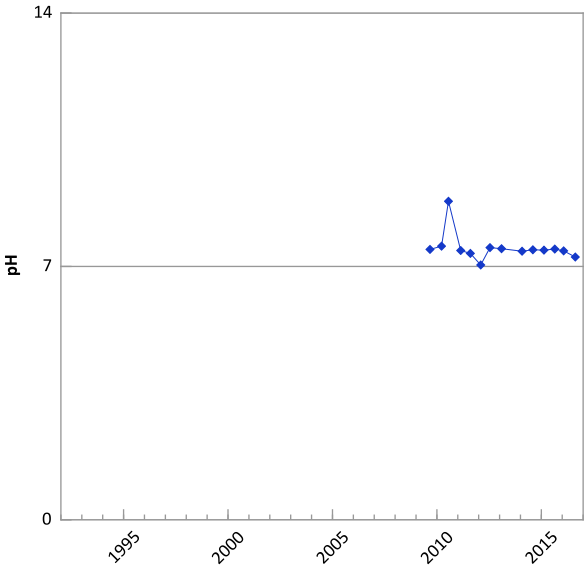
Well Location

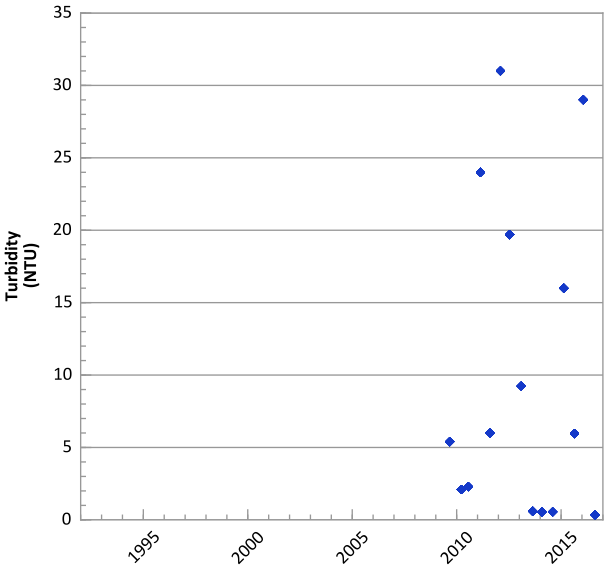


PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



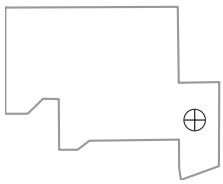






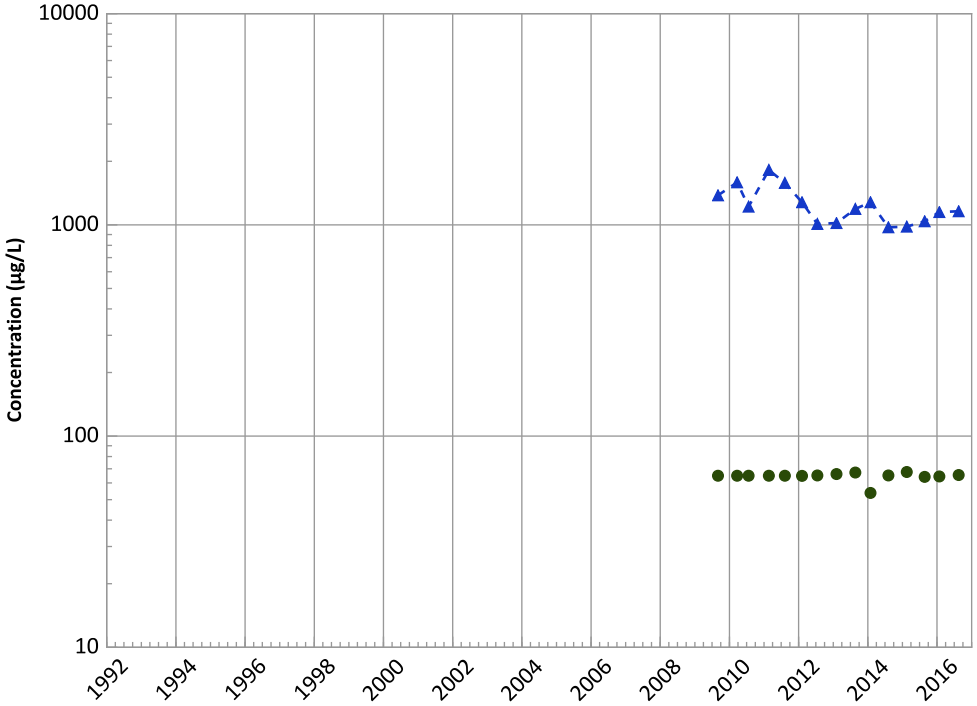
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 08/17/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

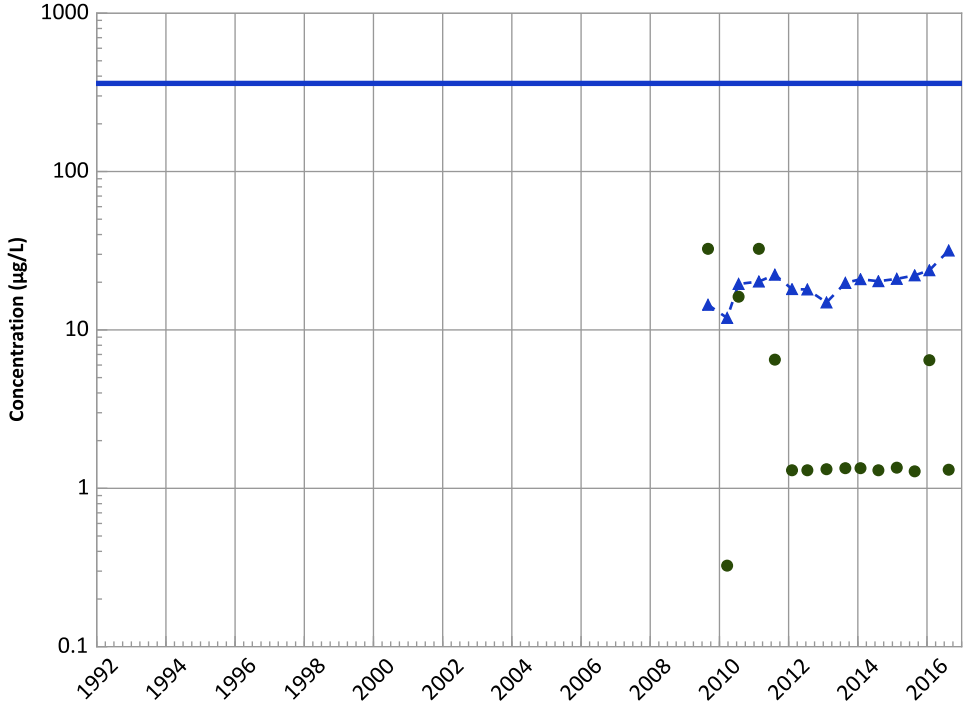


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

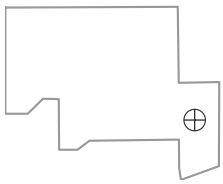
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 08/17/2016
Analysis Date: 03/07/2017

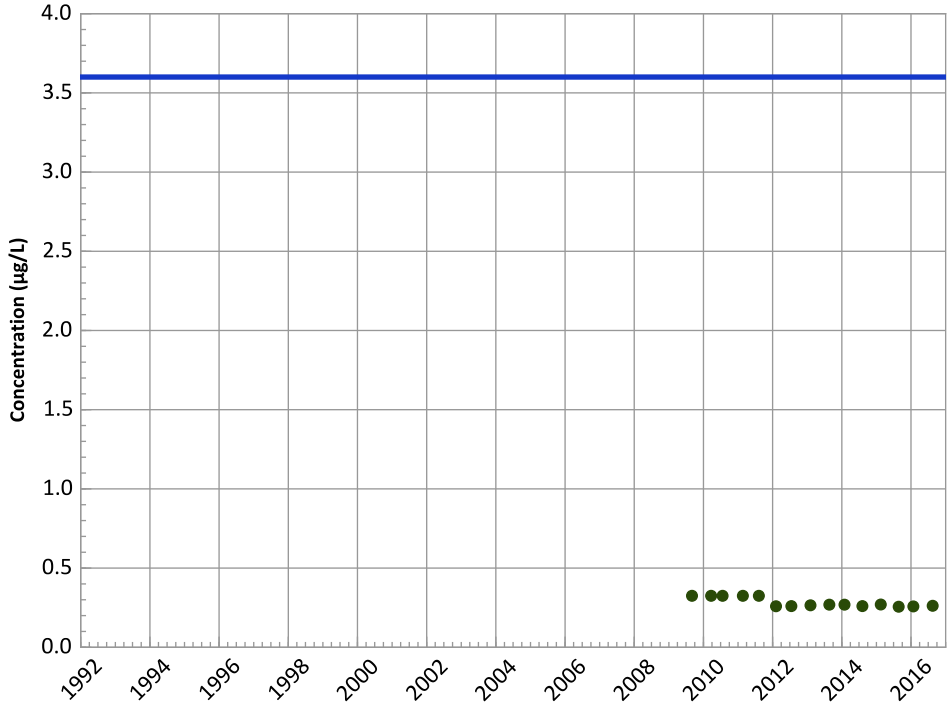
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ═══ Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

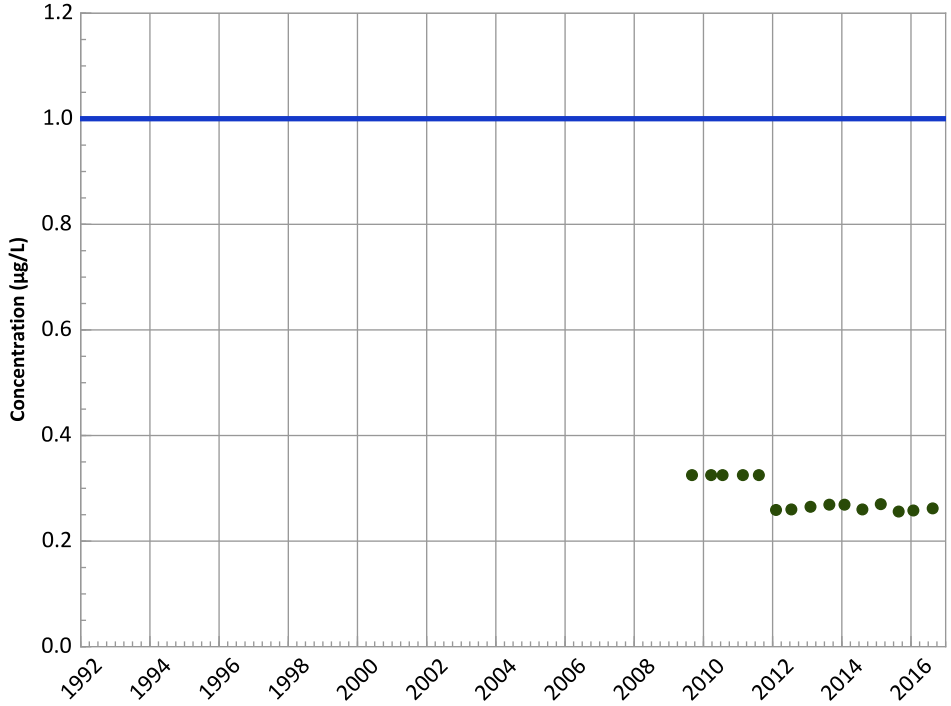


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

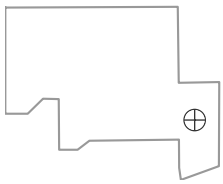
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 08/17/2016
Analysis Date: 03/07/2017

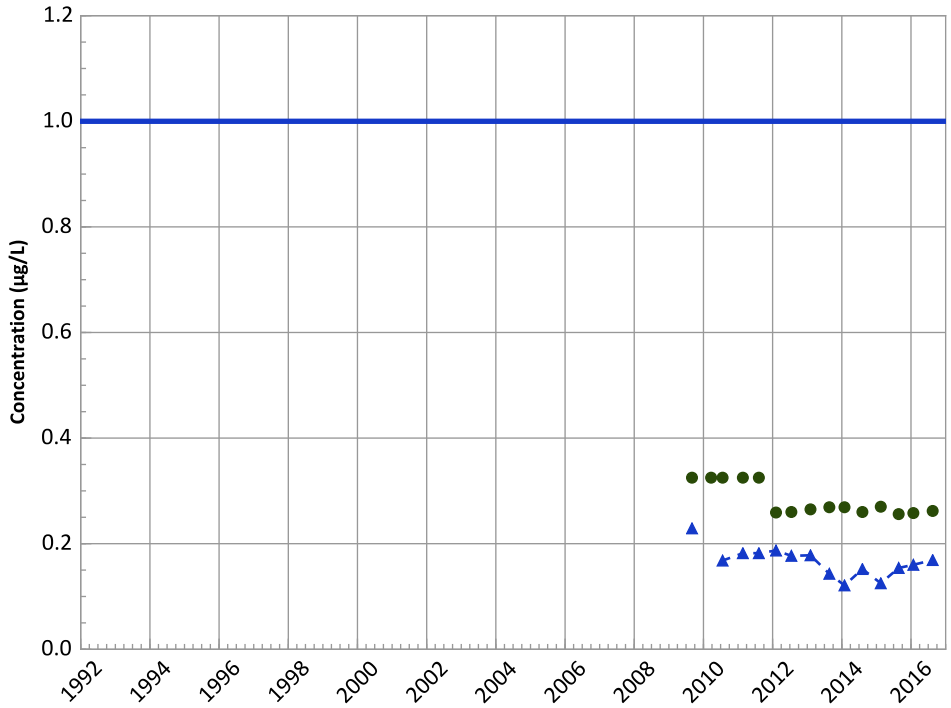
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

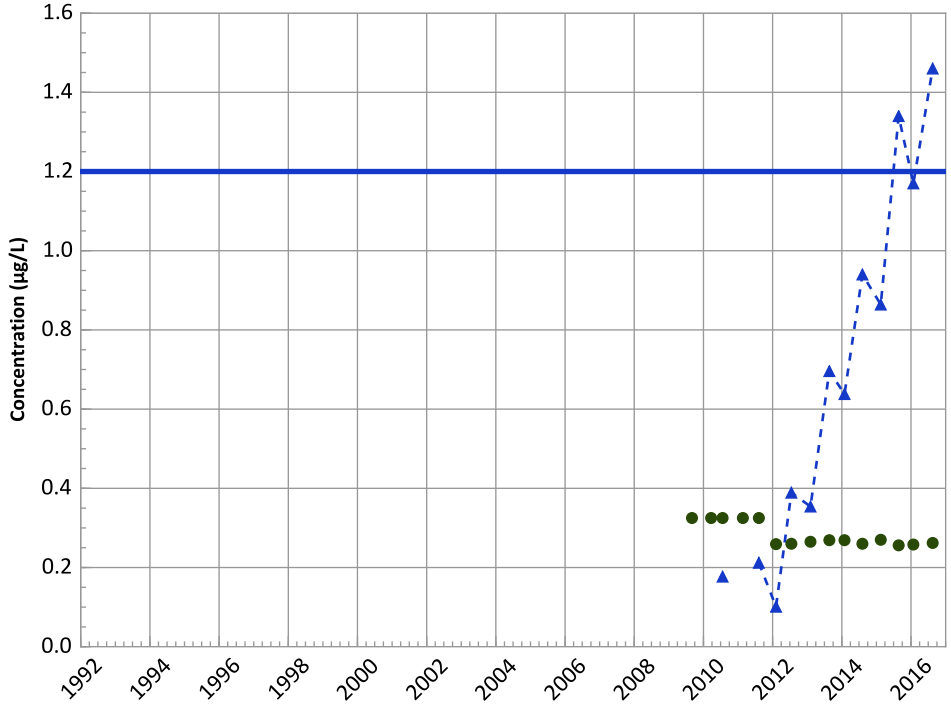


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

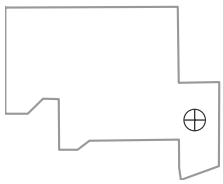
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 08/17/2016
Analysis Date: 03/07/2017

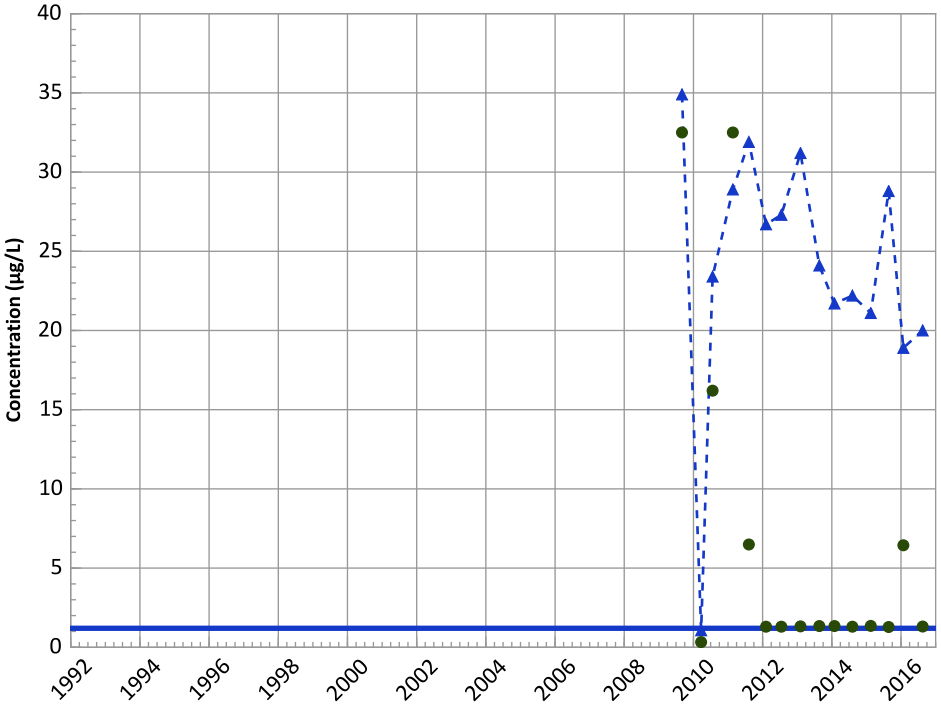
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

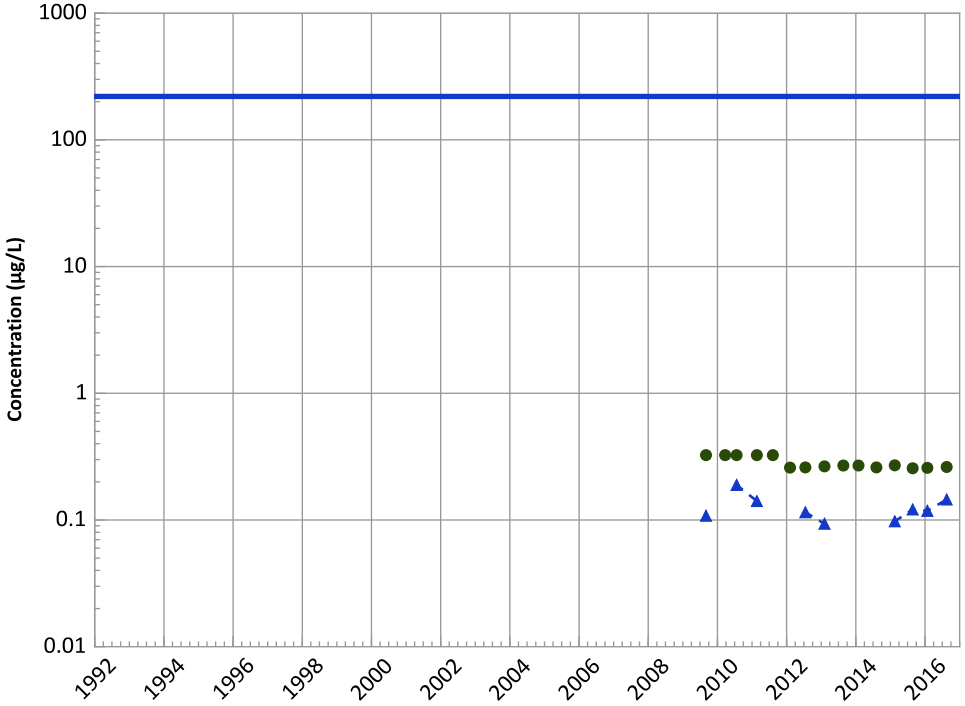


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

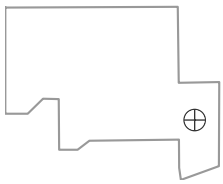
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 08/17/2016
Analysis Date: 03/07/2017

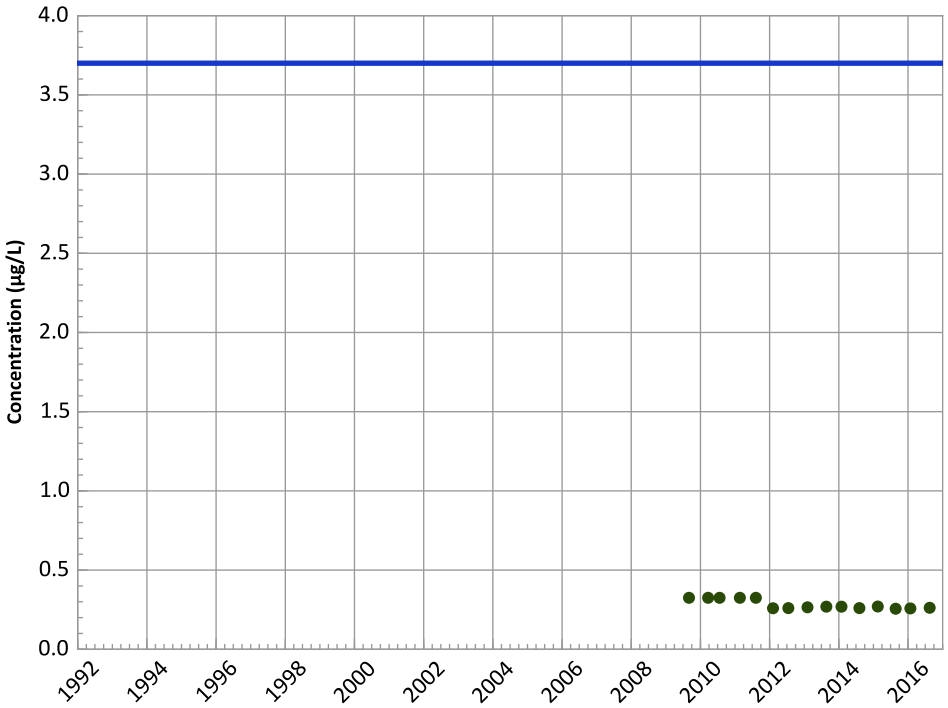
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

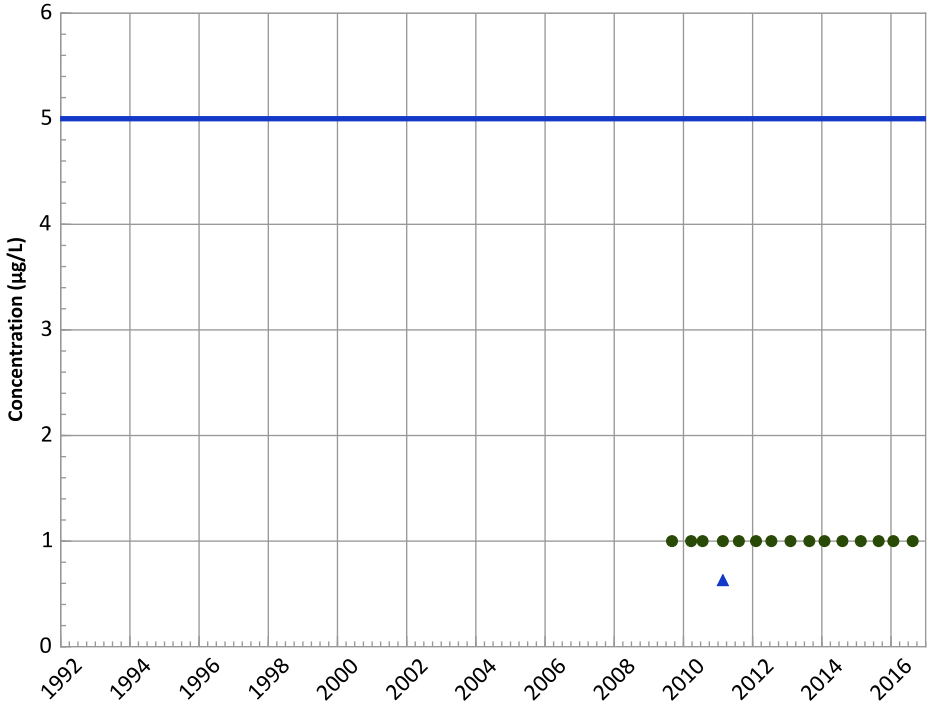


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

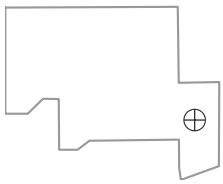
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 08/17/2016
Analysis Date: 03/07/2017

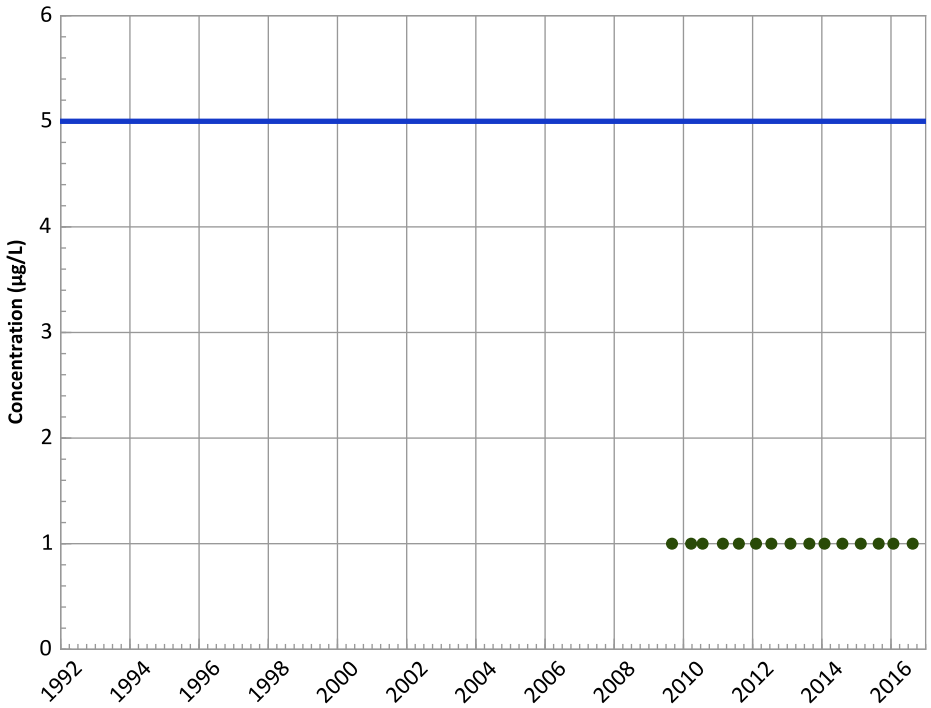
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

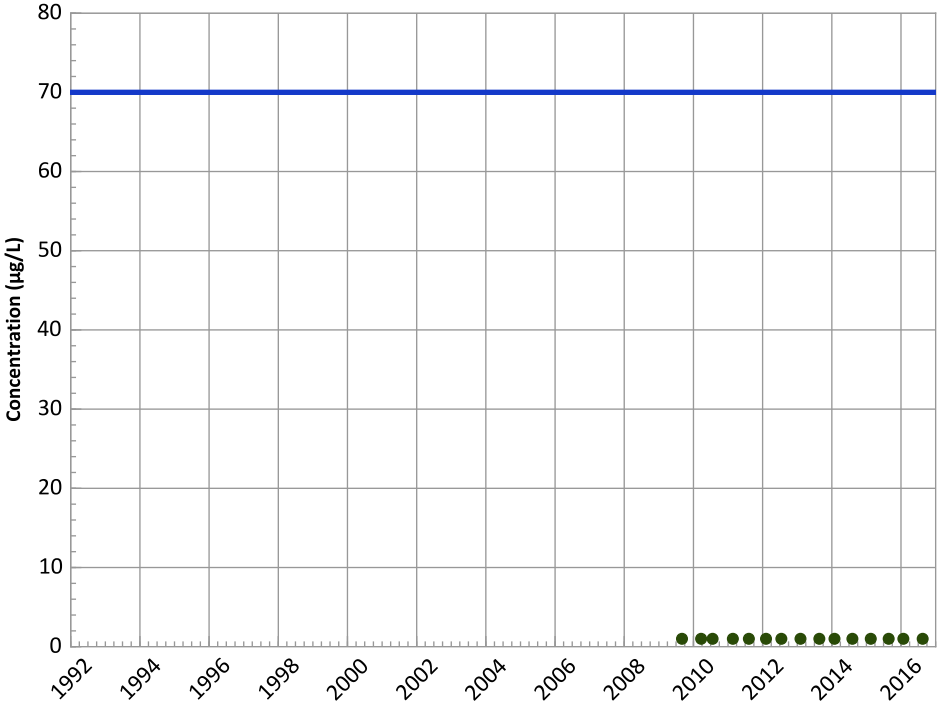


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

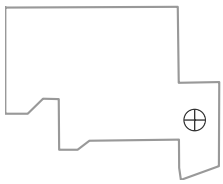
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 08/17/2016
Analysis Date: 03/07/2017

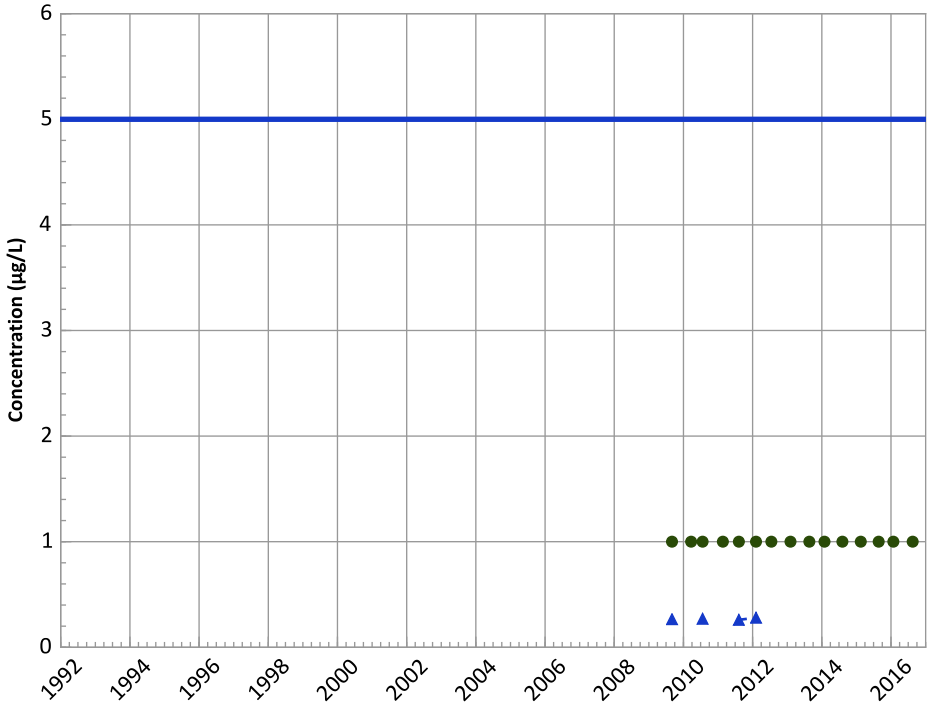
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

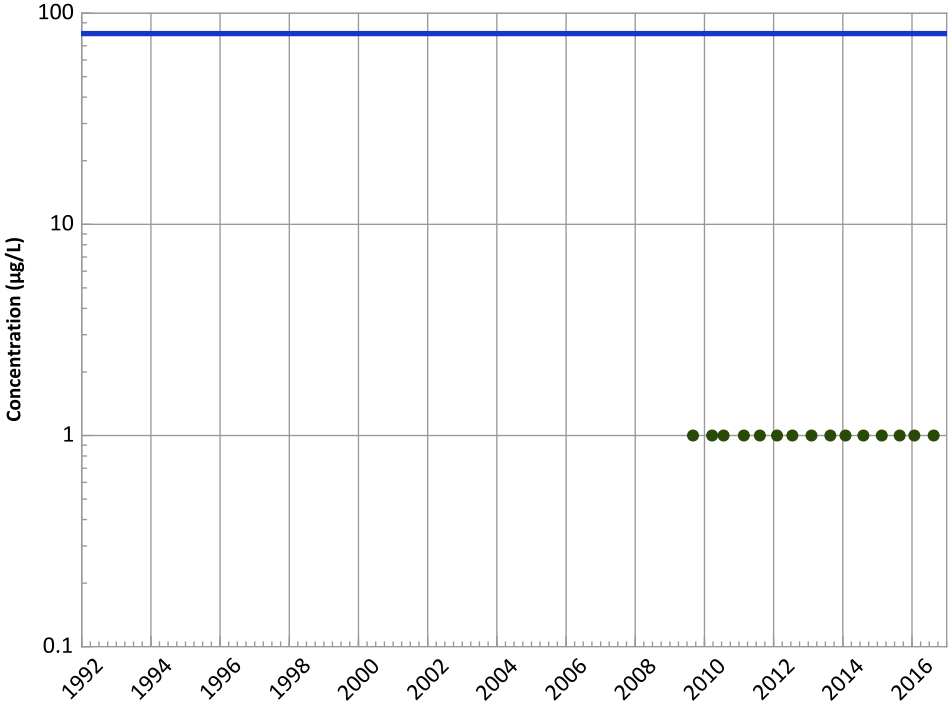


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Chloroform Trend



Concentration Trend

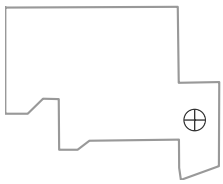
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 08/17/2016
Analysis Date: 03/07/2017

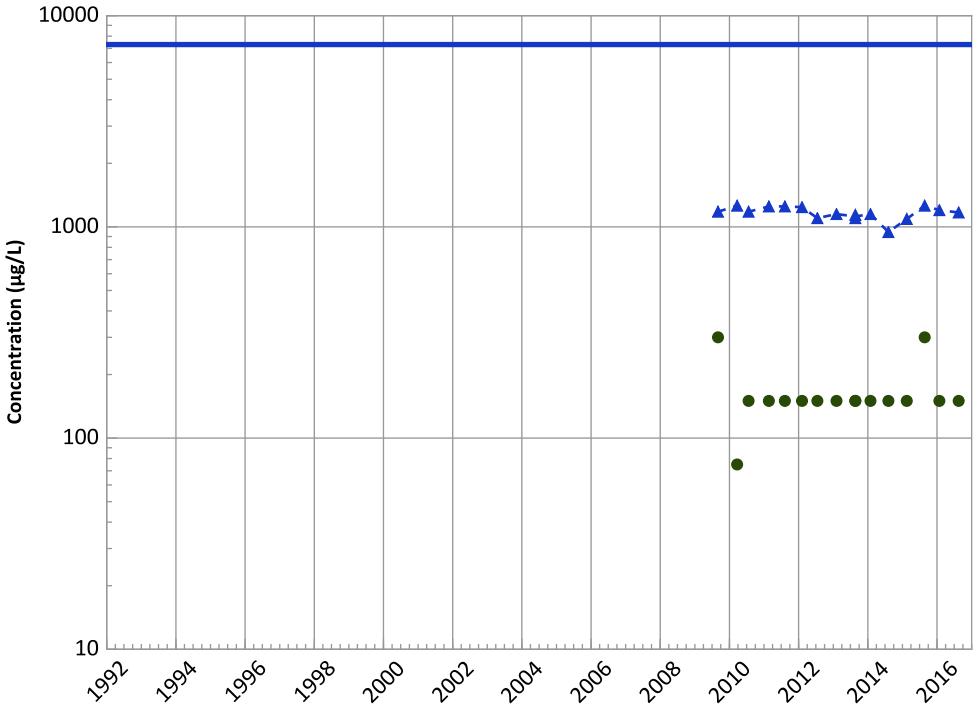
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

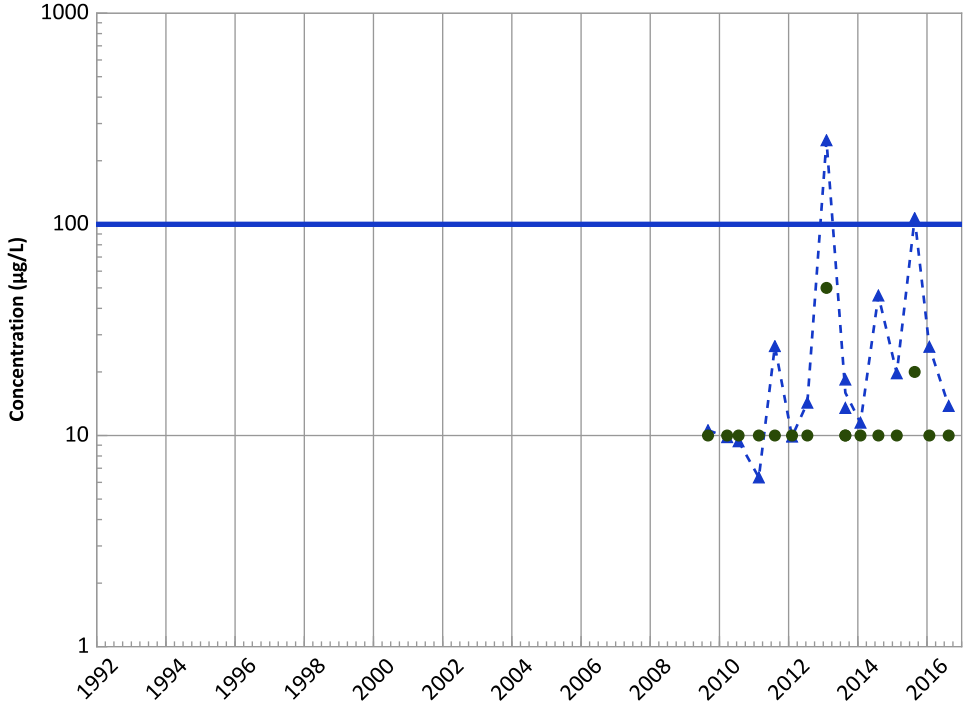


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Chromium, Total Trend



Concentration Trend

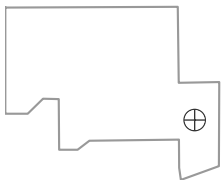
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 08/17/2016
Analysis Date: 03/07/2017

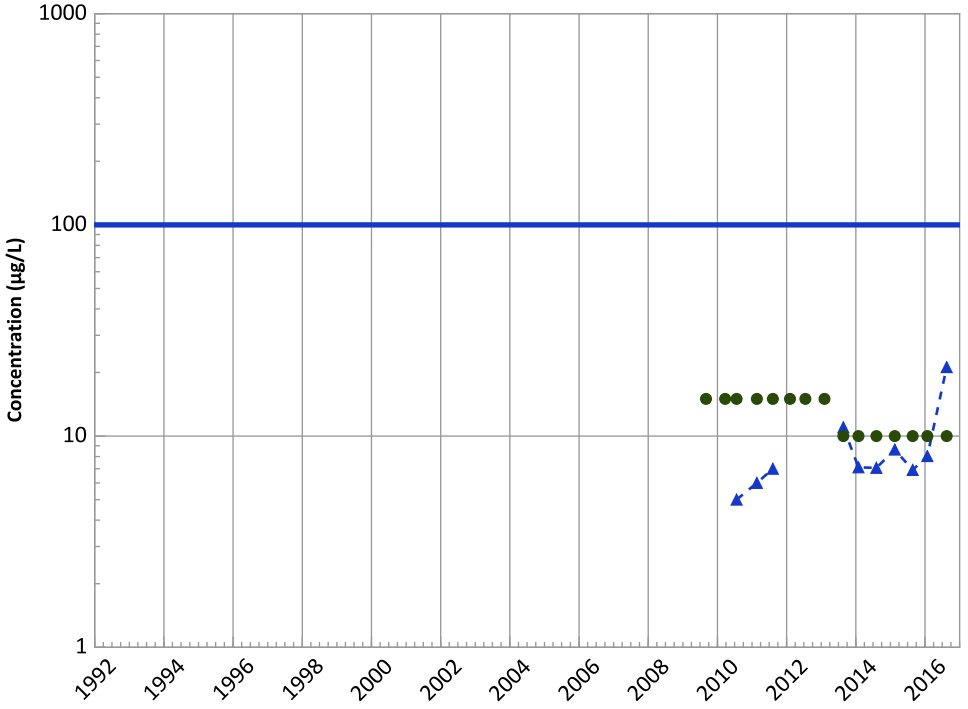
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

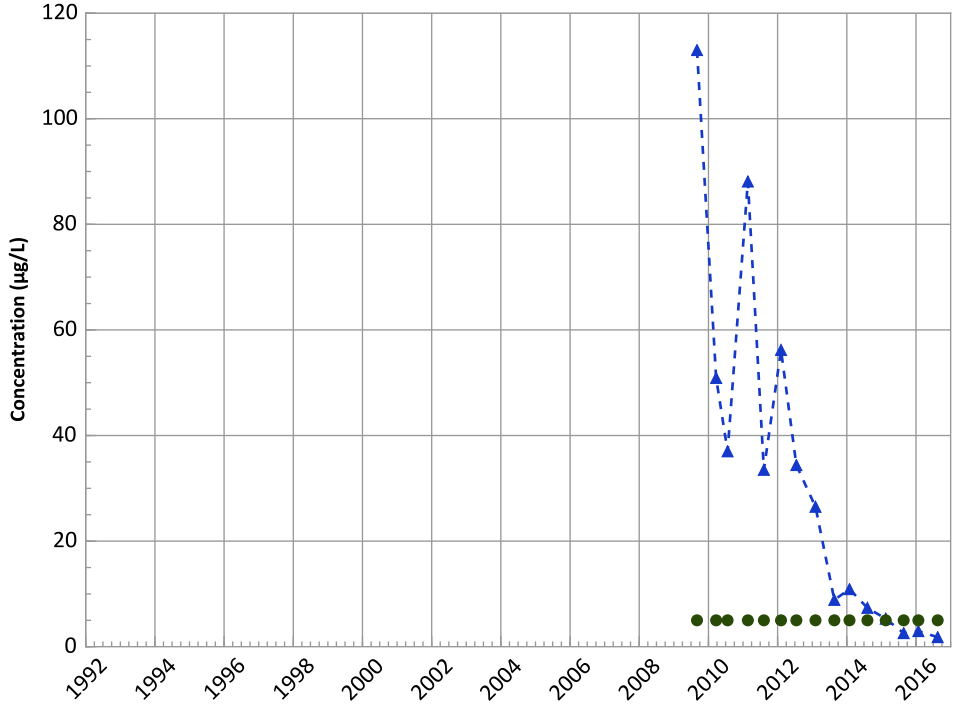


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Manganese Trend



Concentration Trend

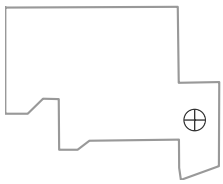
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 08/17/2016
Analysis Date: 03/07/2017

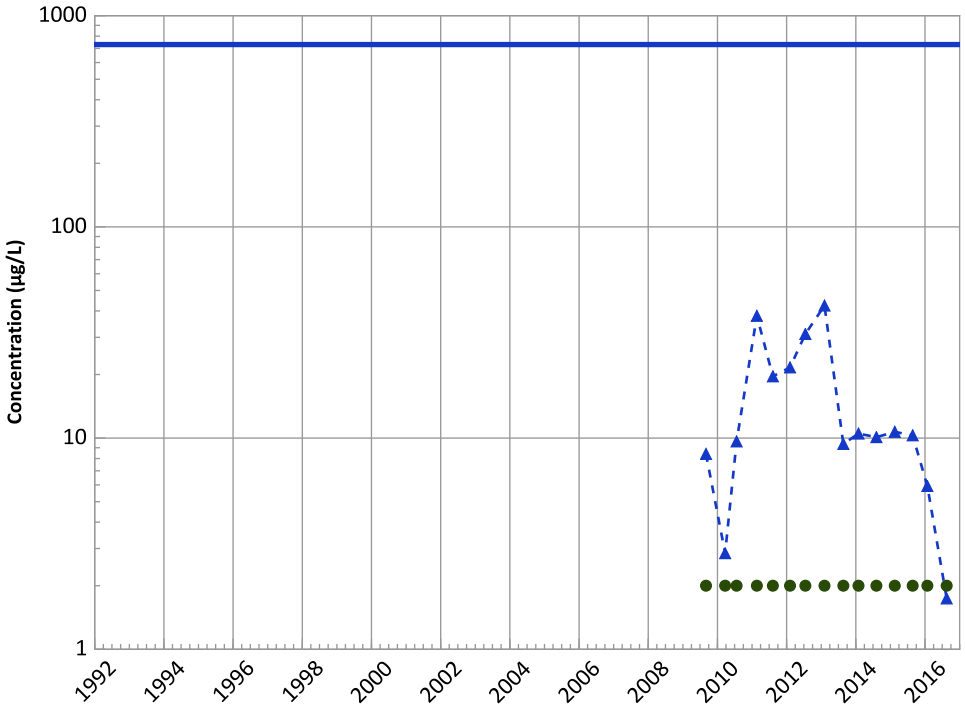
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

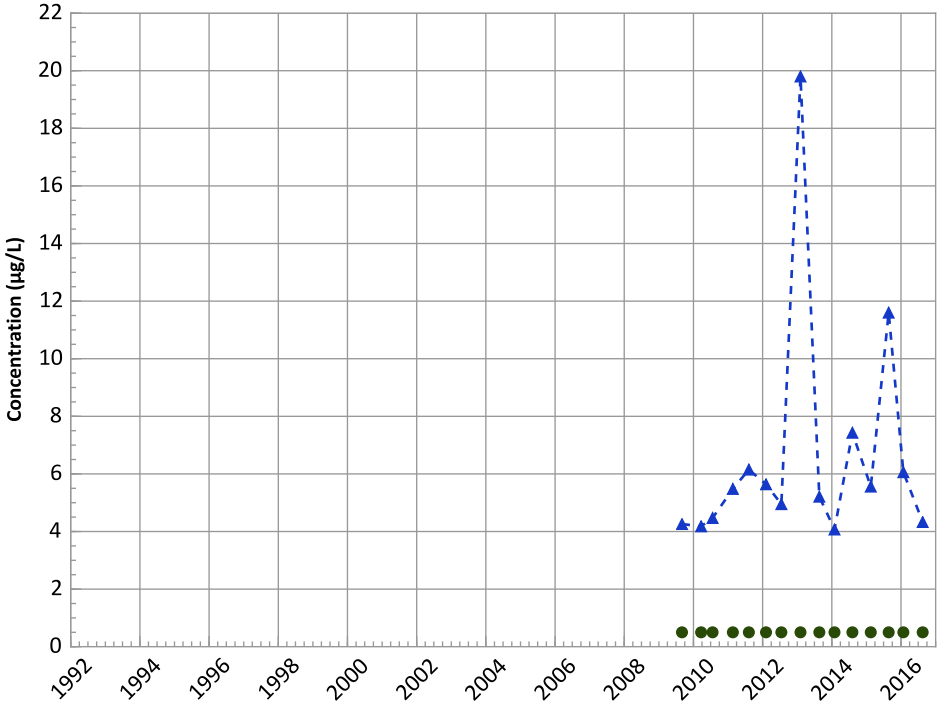


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Molybdenum Trend



Concentration Trend

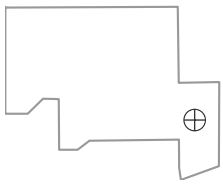
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 08/17/2016
Analysis Date: 03/07/2017

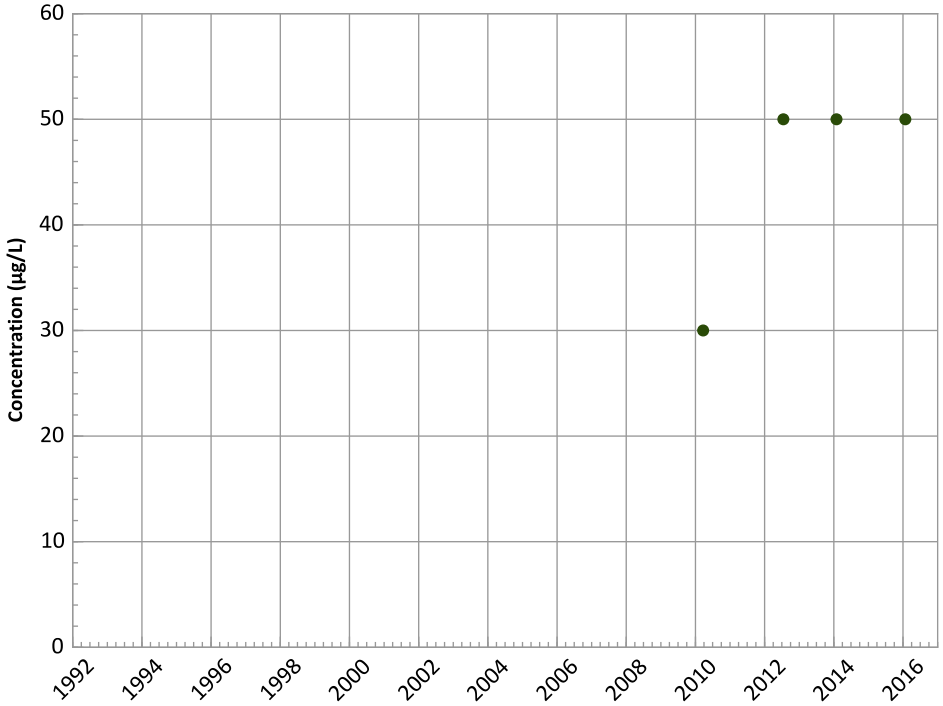
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

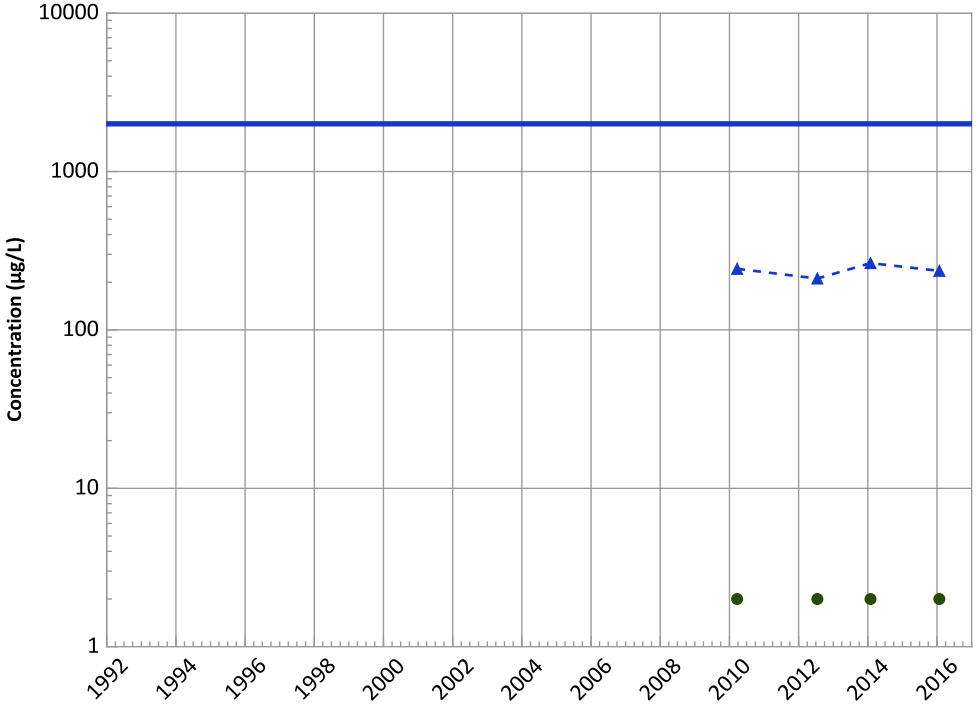


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Barium Trend



Concentration Trend

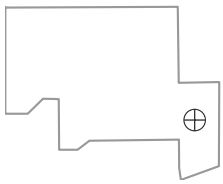
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 08/17/2016
Analysis Date: 03/07/2017

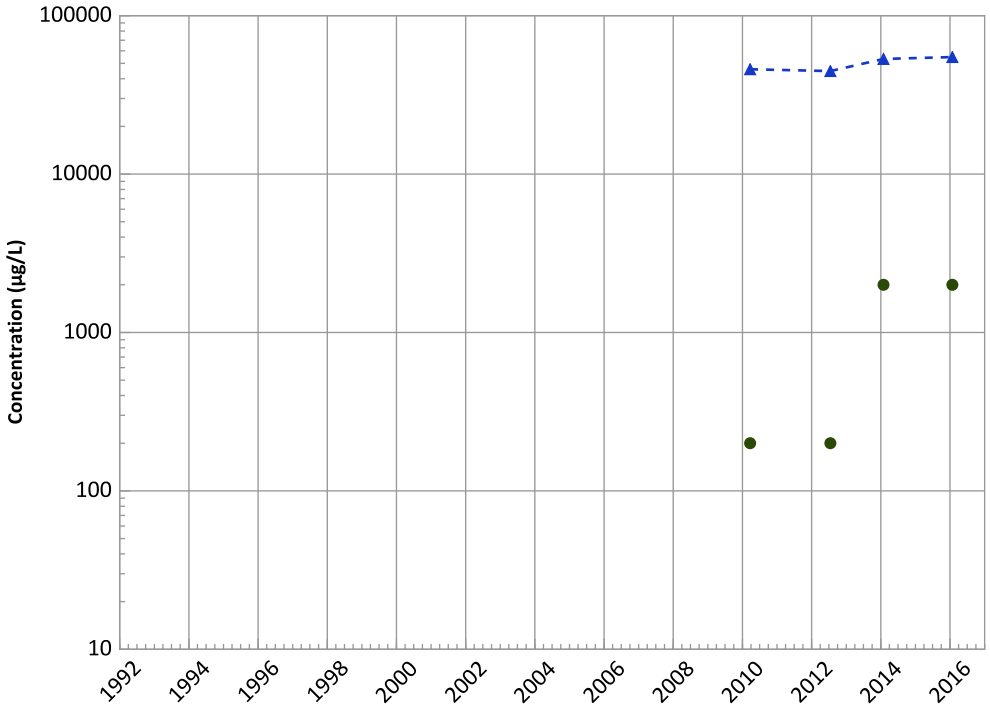
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

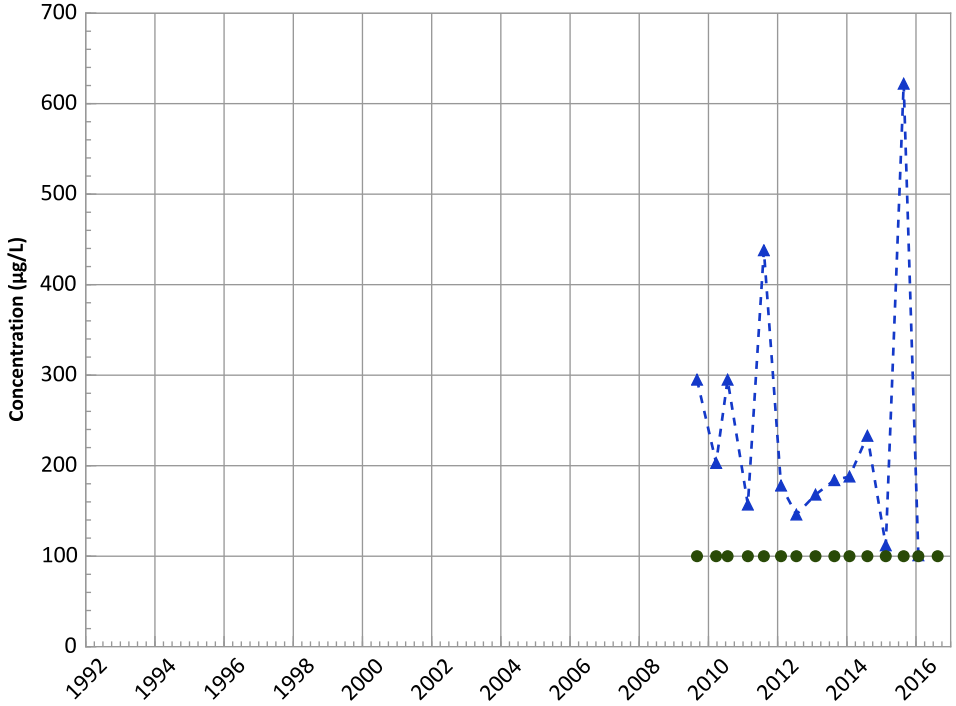


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

Iron Trend



Concentration Trend

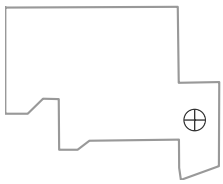
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 08/17/2016
Analysis Date: 03/07/2017

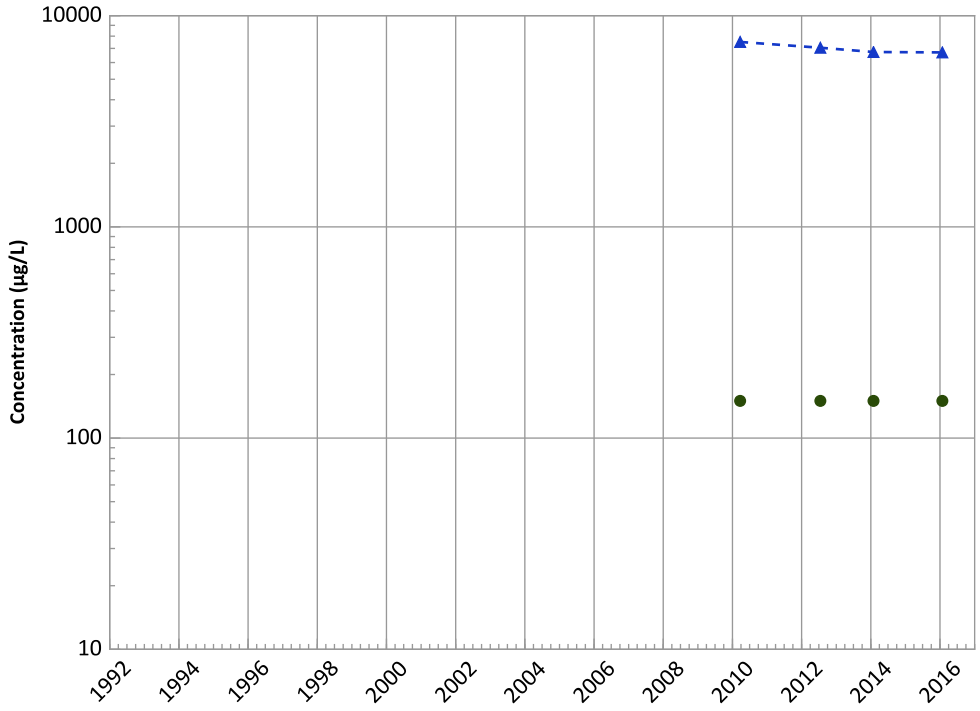
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

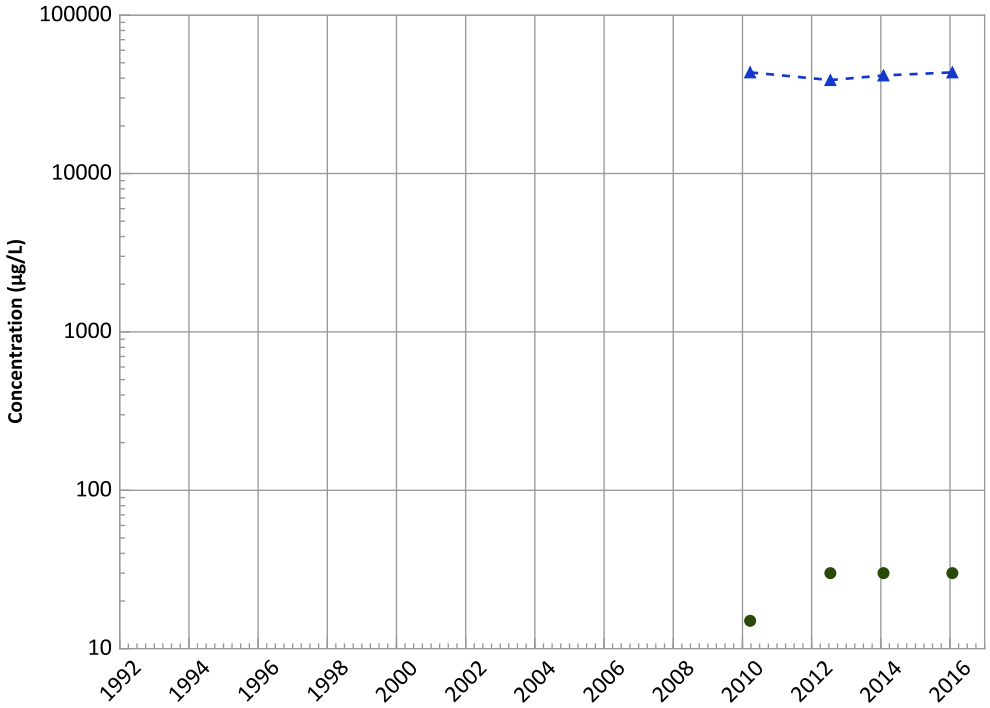


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Magnesium Trend



Concentration Trend

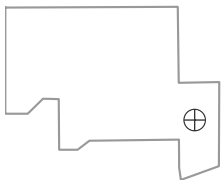
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 08/17/2016
Analysis Date: 03/07/2017

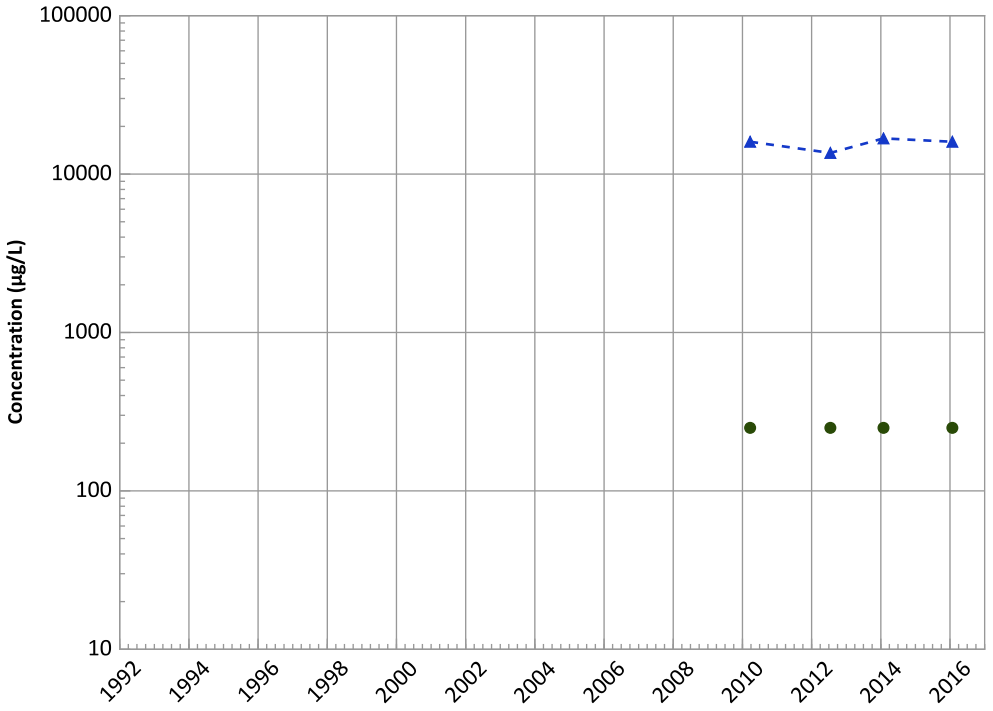
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

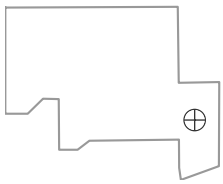
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

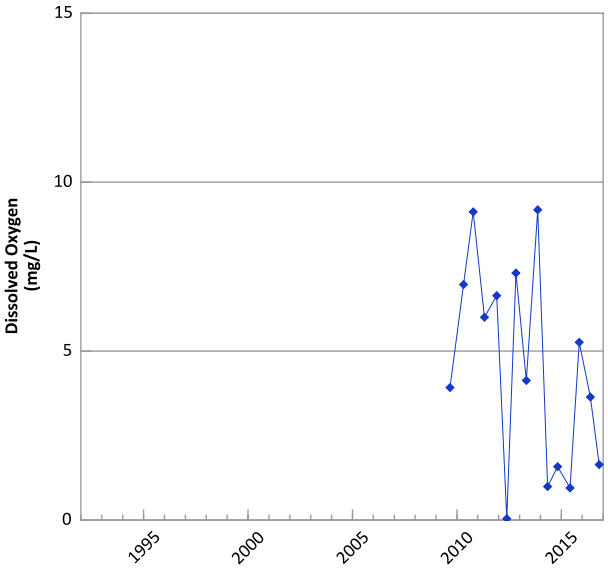
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 08/17/2016
Analysis Date: 03/07/2017

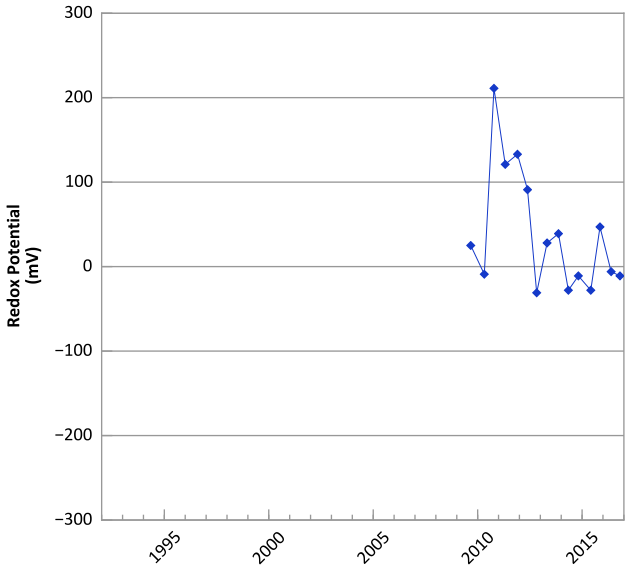
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

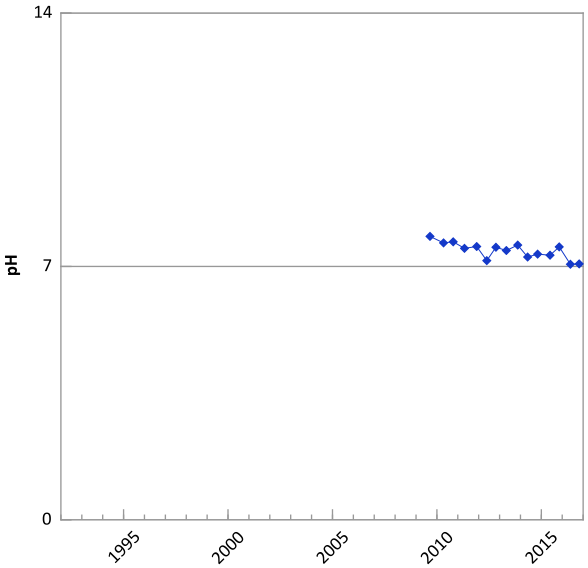
Well Location

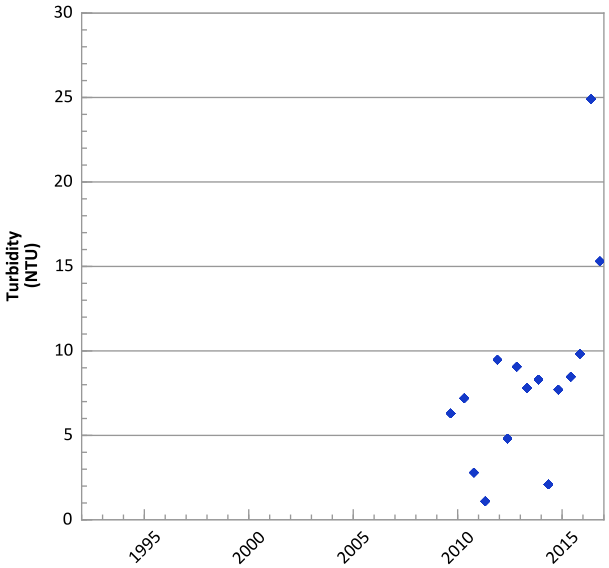


PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



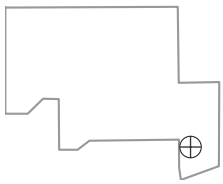






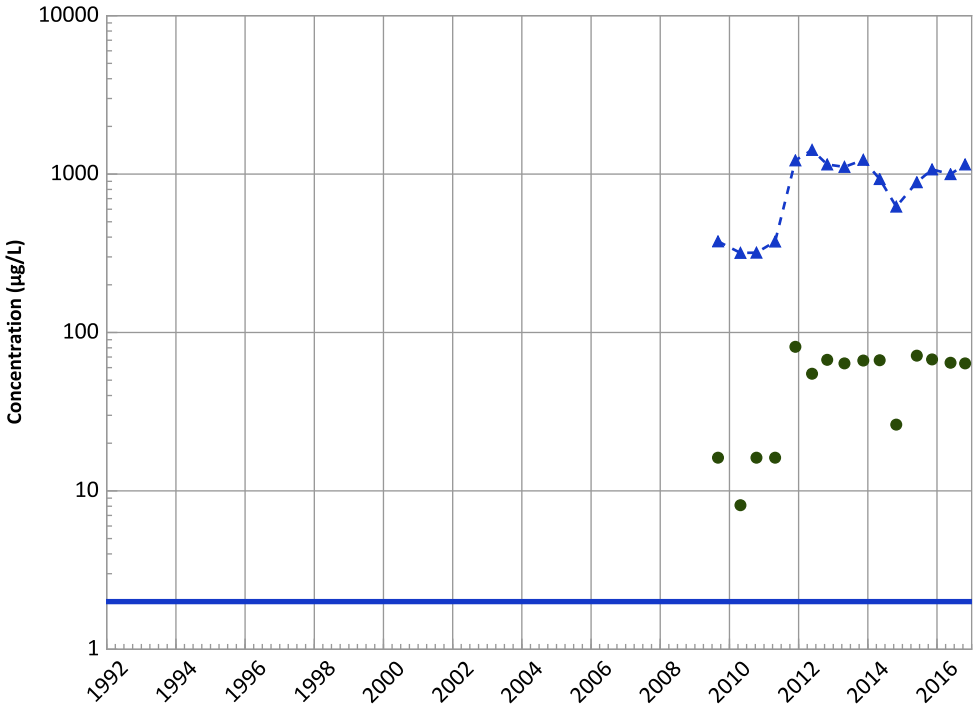
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 10/24/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

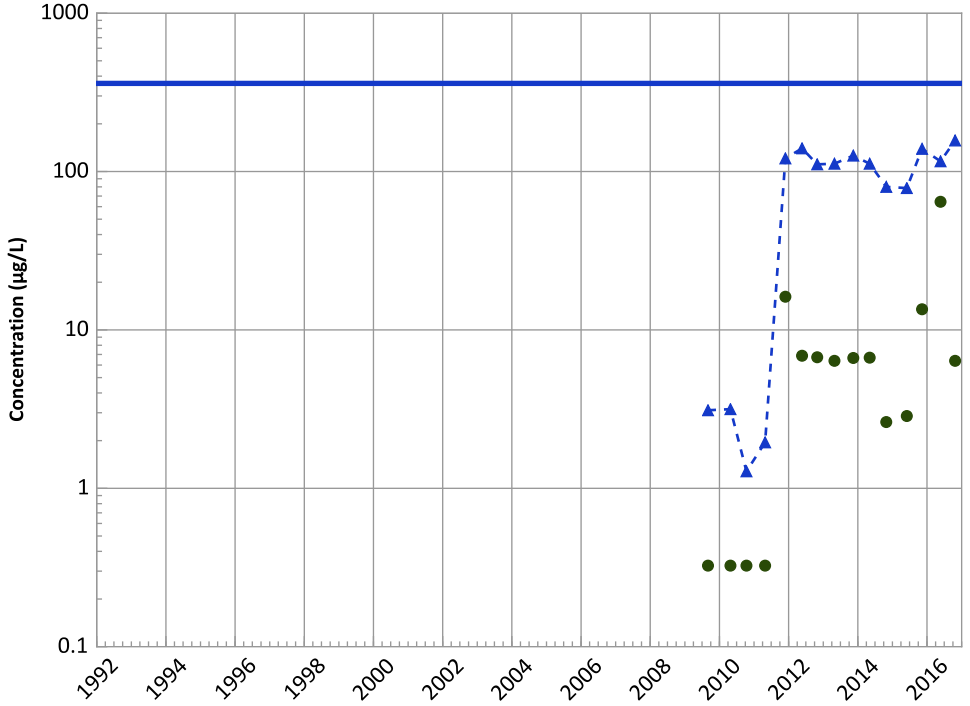


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

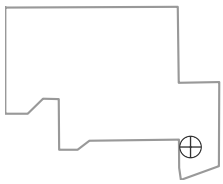
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 10/24/2016
Analysis Date: 03/07/2017

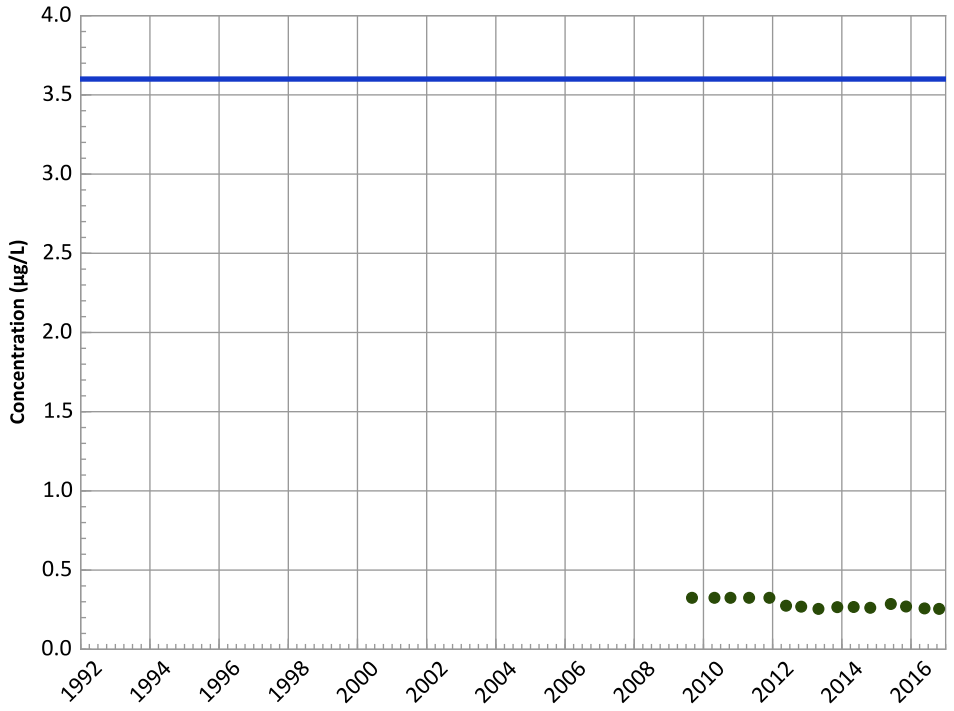
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

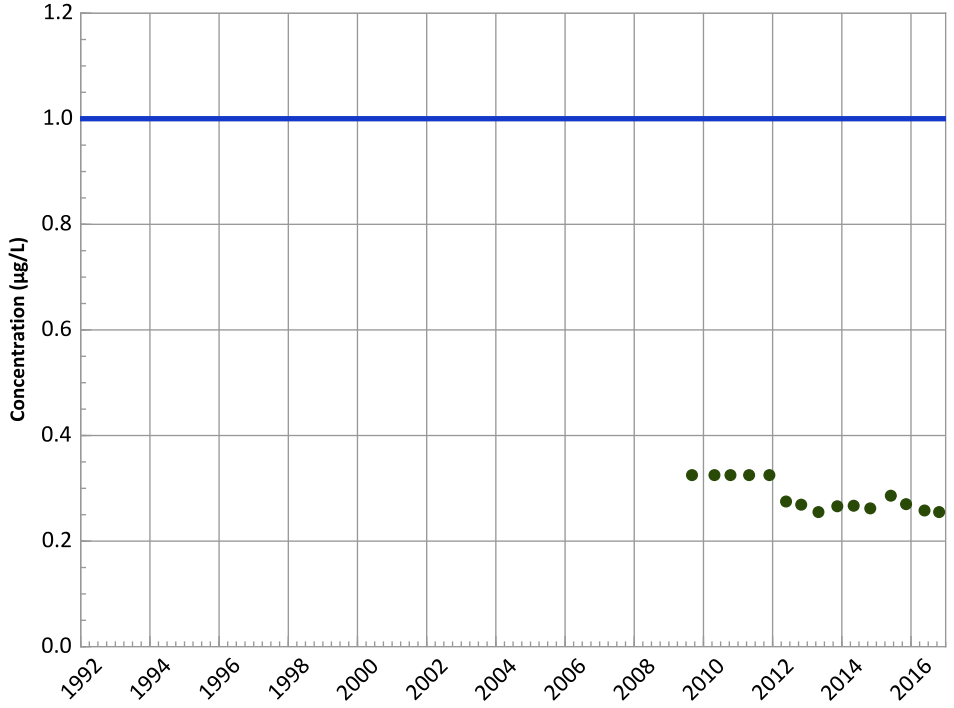


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

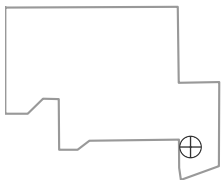
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 10/24/2016
Analysis Date: 03/07/2017

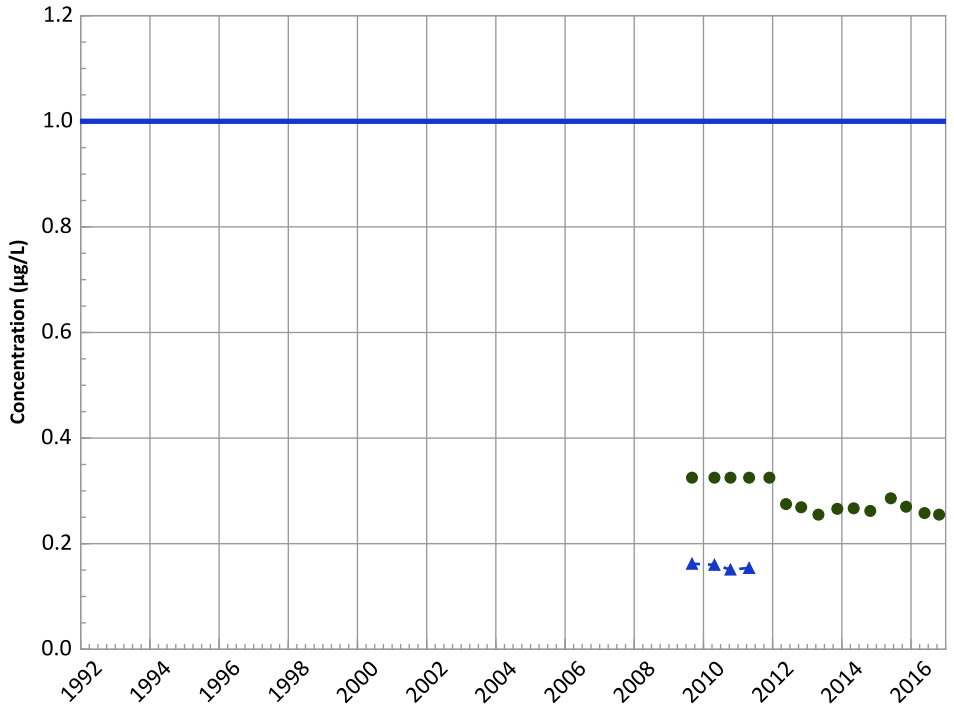
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

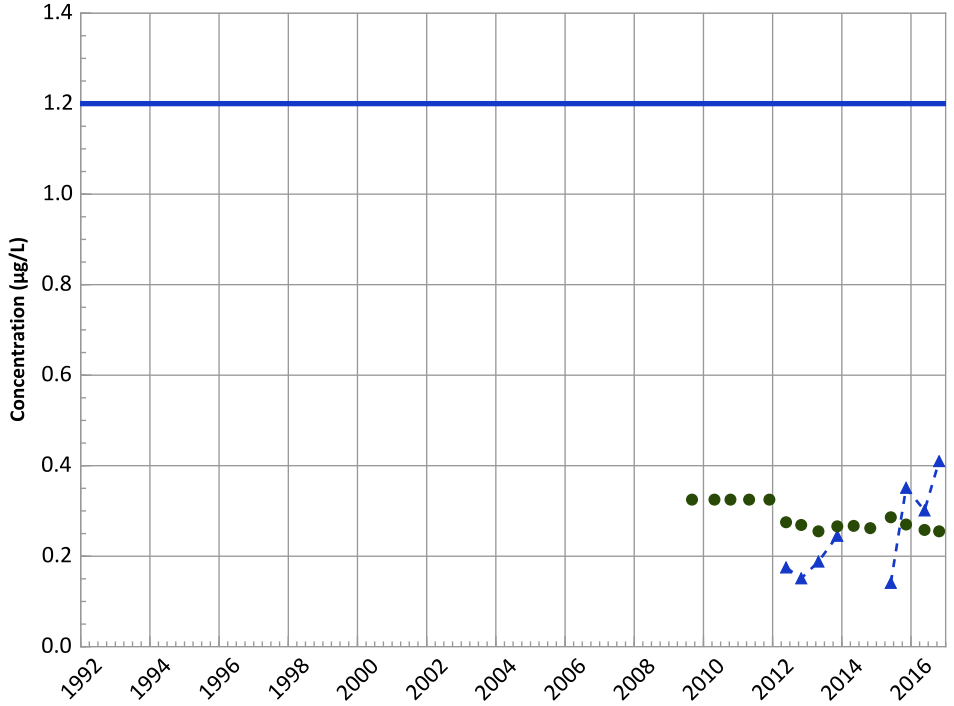


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

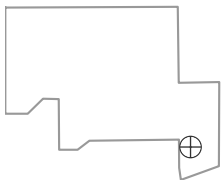
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 10/24/2016
Analysis Date: 03/07/2017

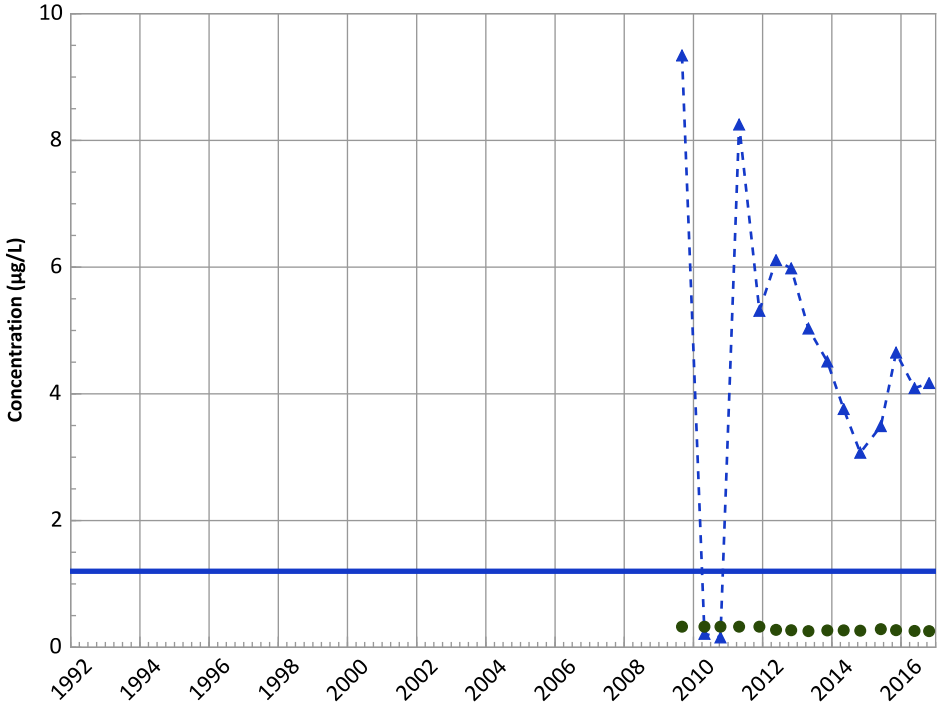
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

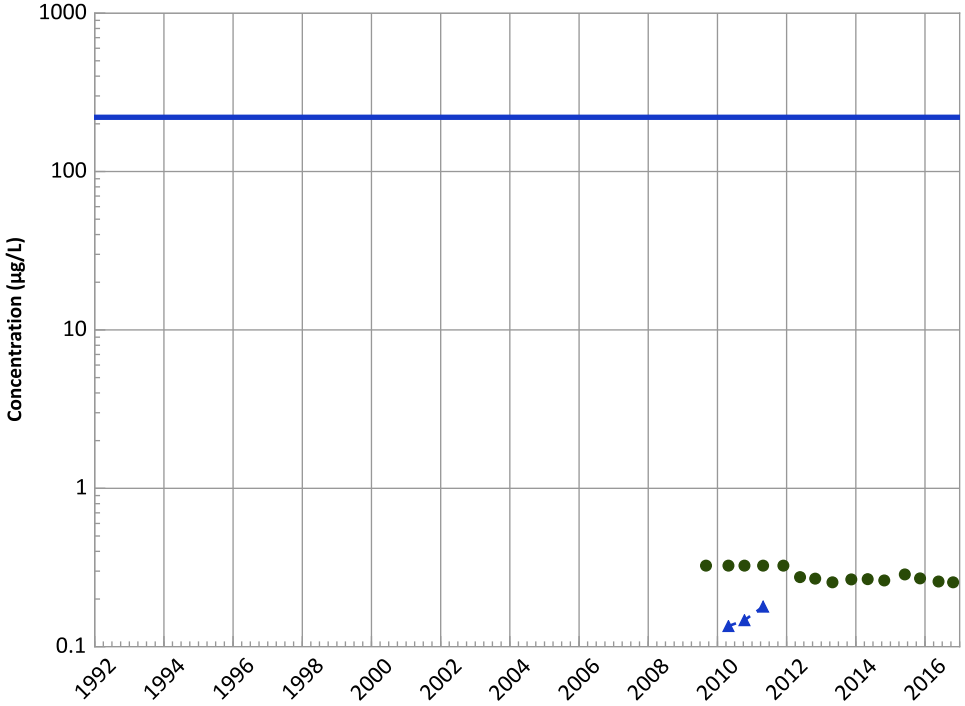


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

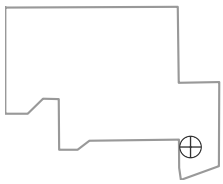
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 10/24/2016
Analysis Date: 03/07/2017

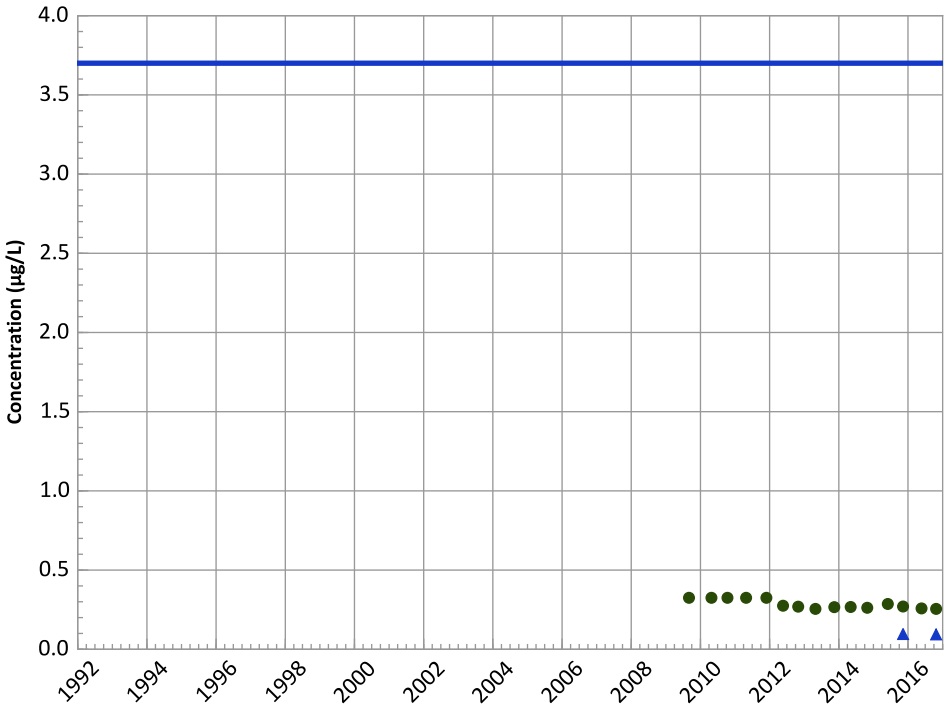
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

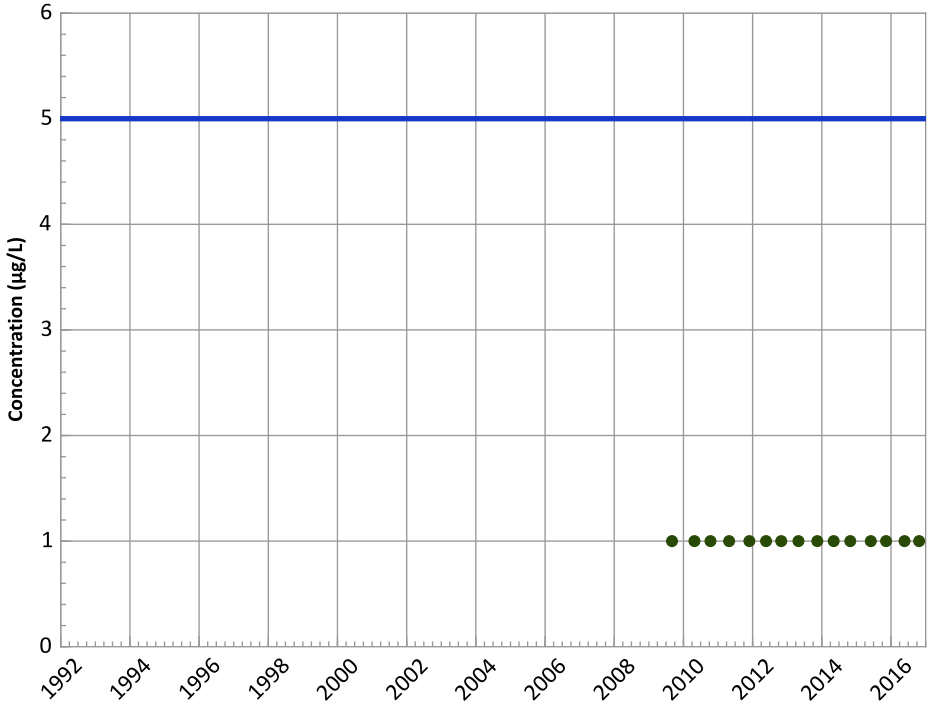


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

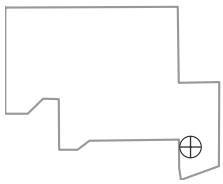
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 10/24/2016
Analysis Date: 03/07/2017

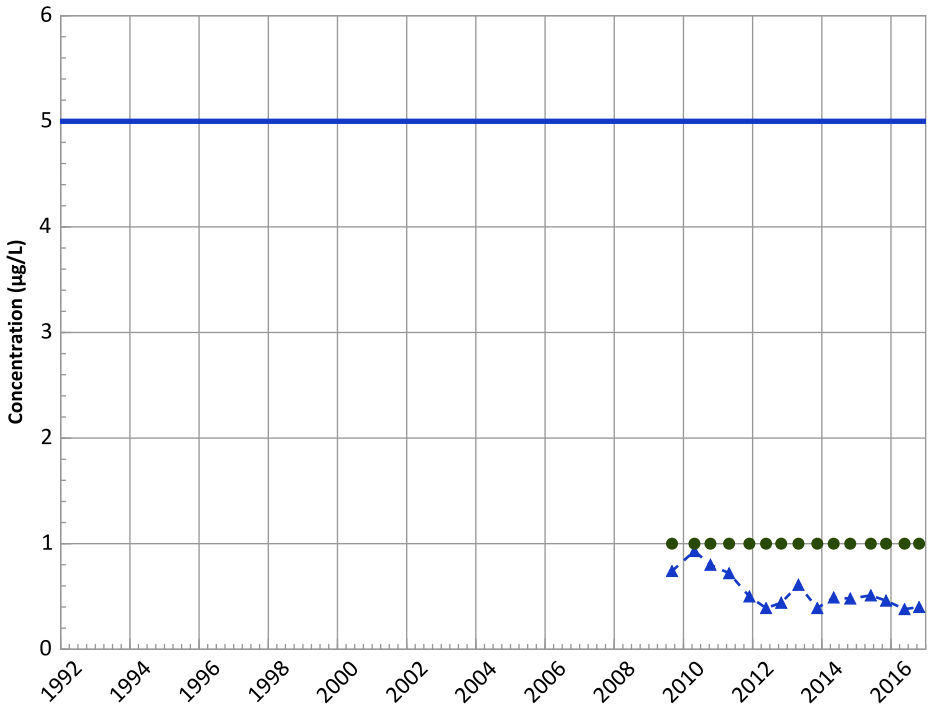
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

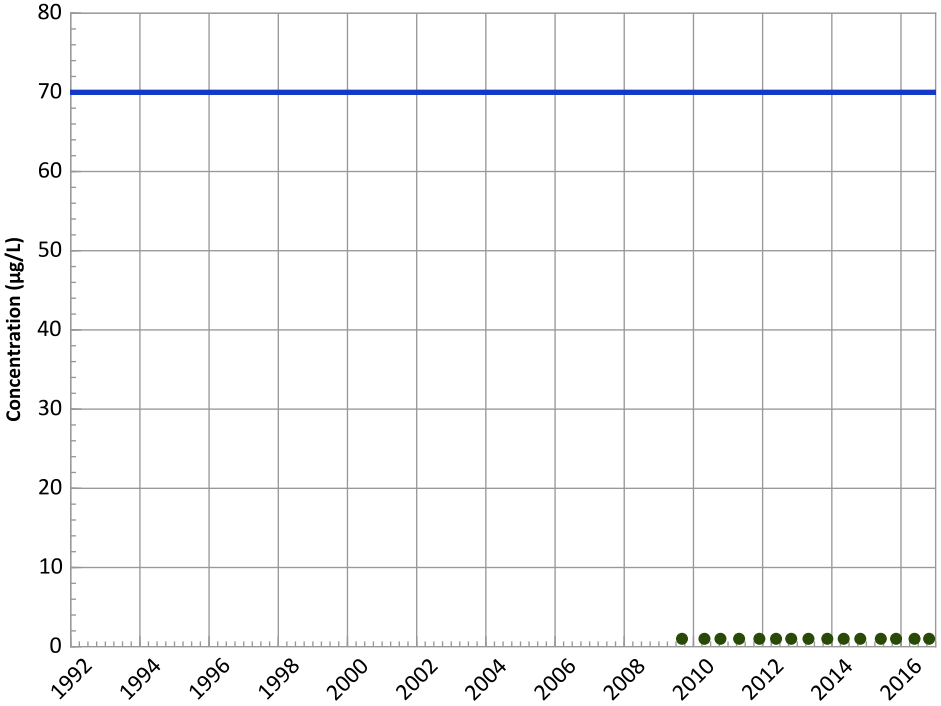


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

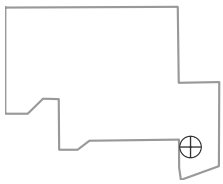
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 10/24/2016
Analysis Date: 03/07/2017

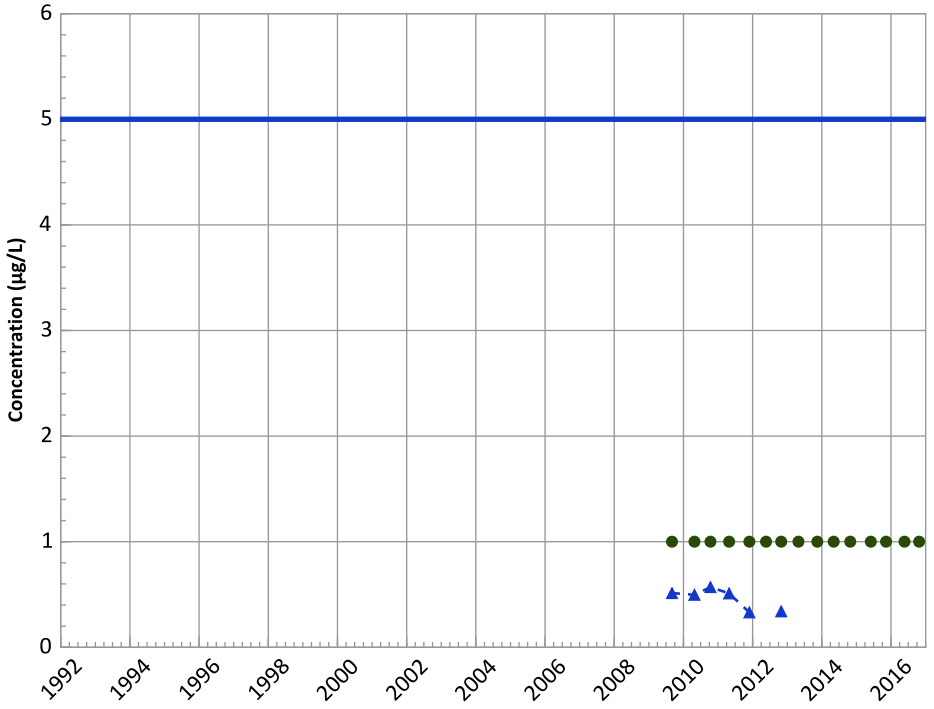
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

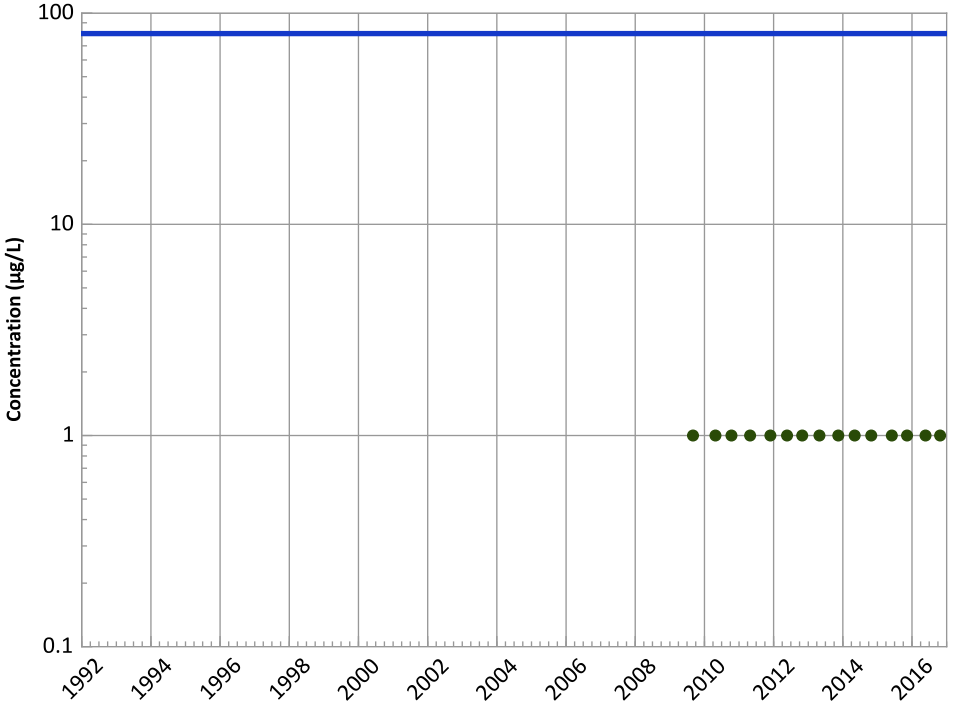


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Chloroform Trend



Concentration Trend

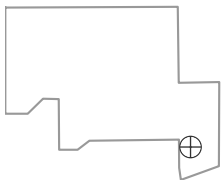
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 10/24/2016
Analysis Date: 03/07/2017

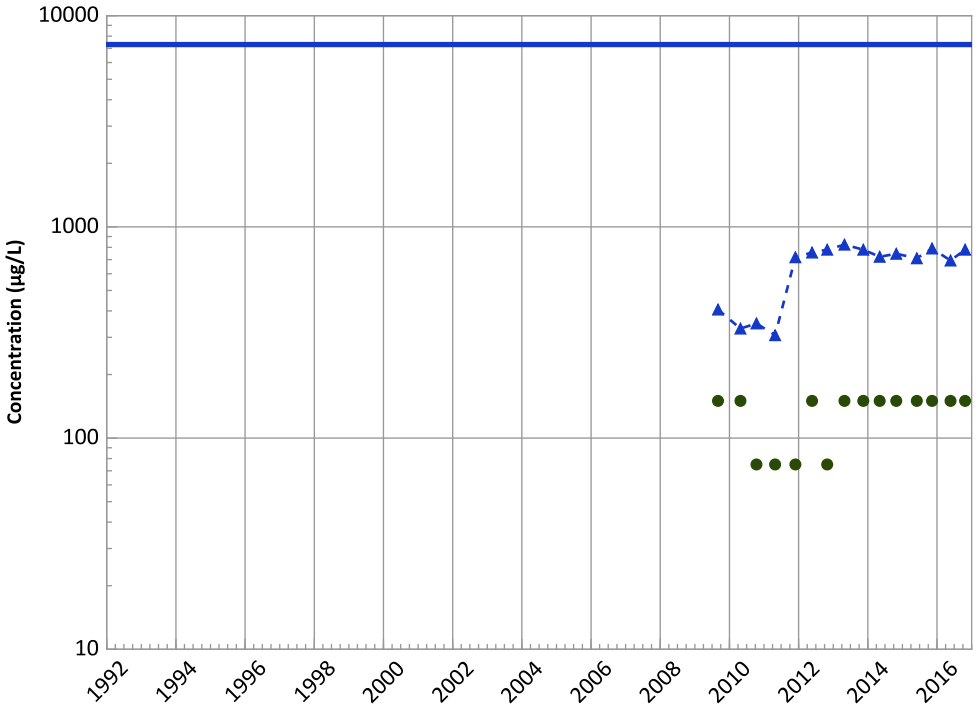
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

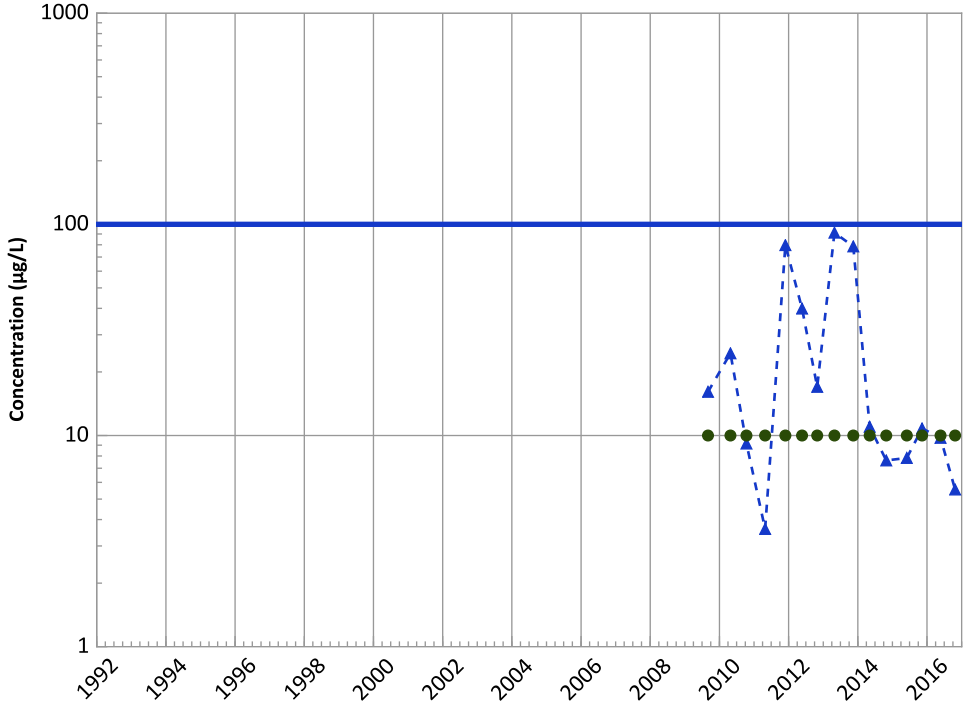


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Chromium, Total Trend



Concentration Trend

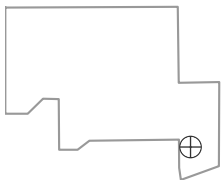
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 10/24/2016
Analysis Date: 03/07/2017

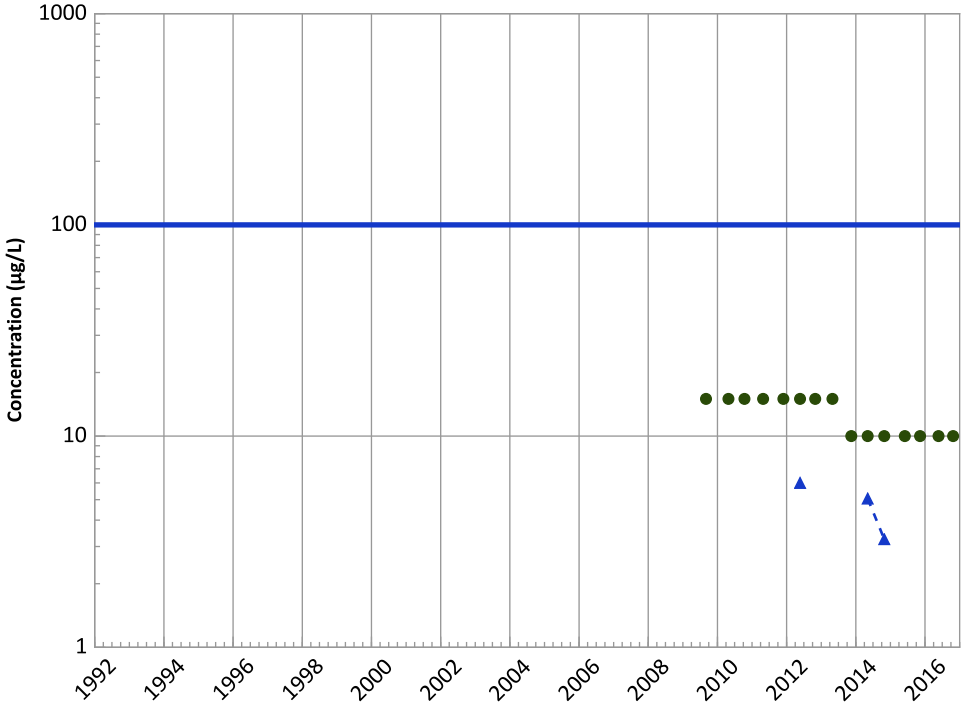
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

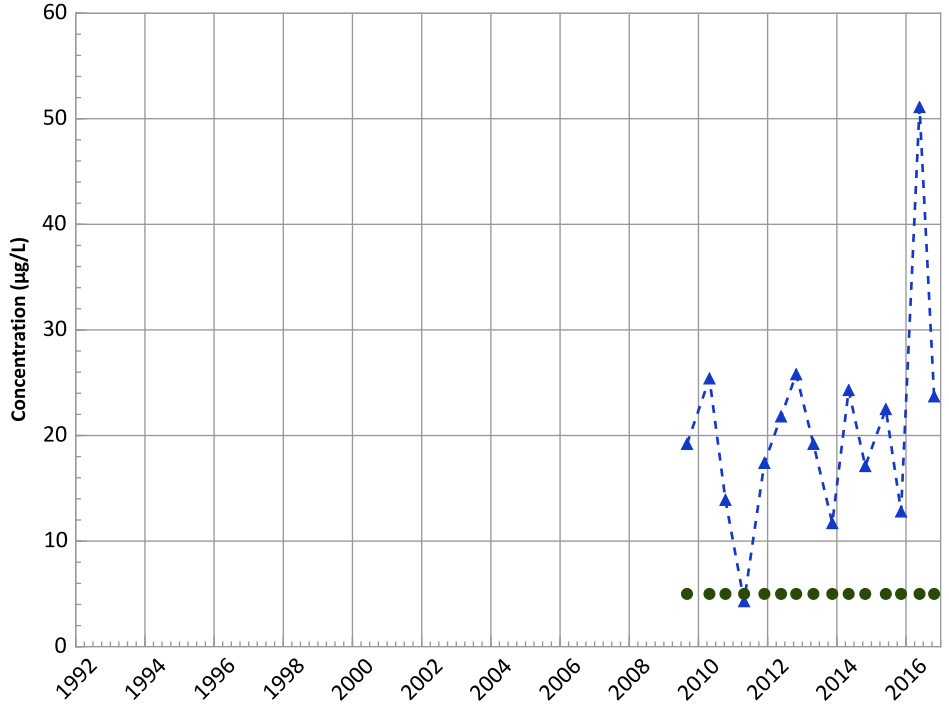


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

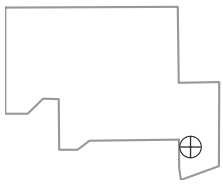
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 10/24/2016
Analysis Date: 03/07/2017

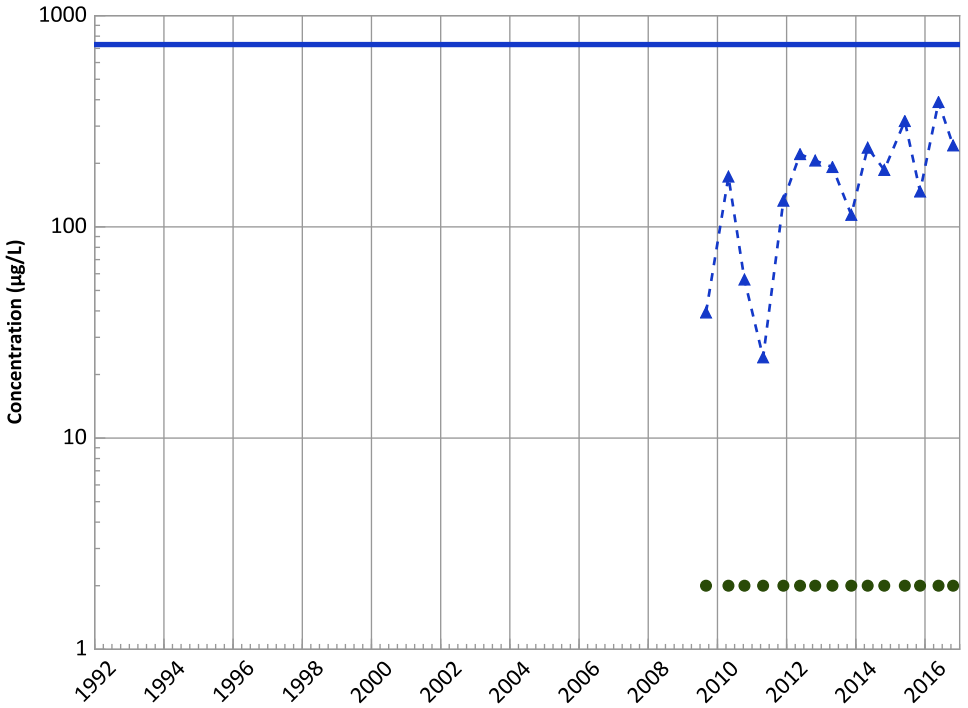
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

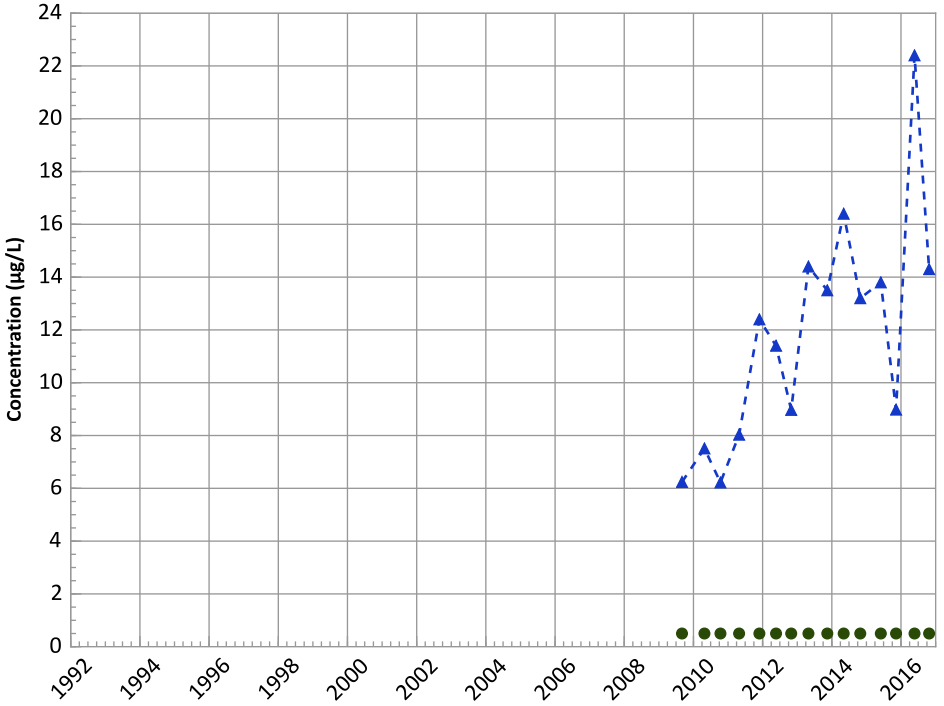


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Molybdenum Trend



Concentration Trend

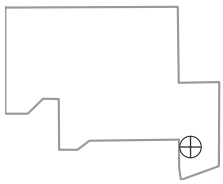
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 10/24/2016
Analysis Date: 03/07/2017

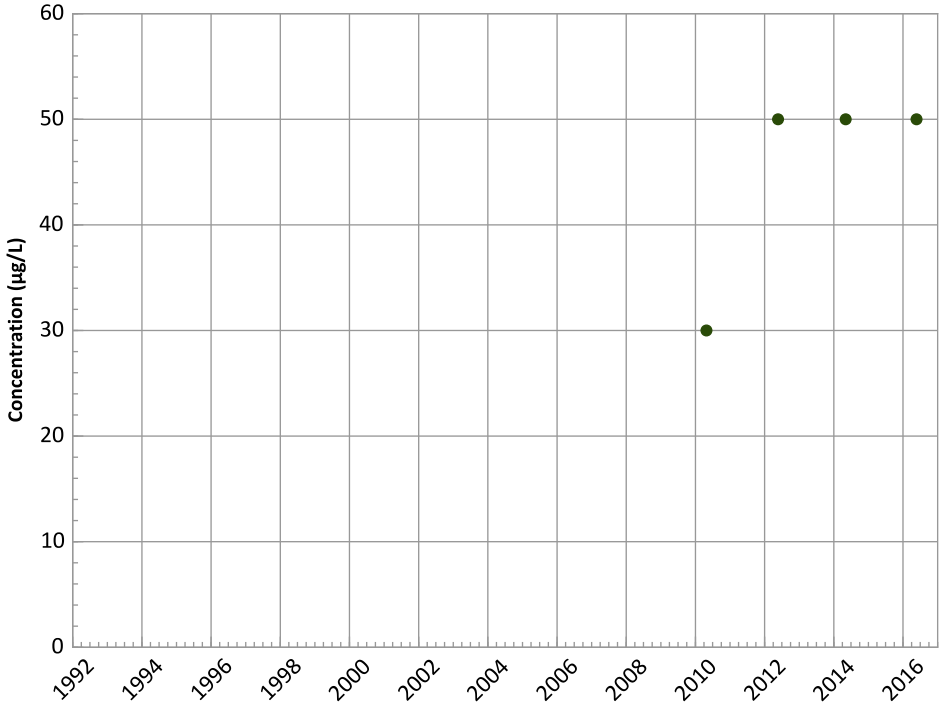
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

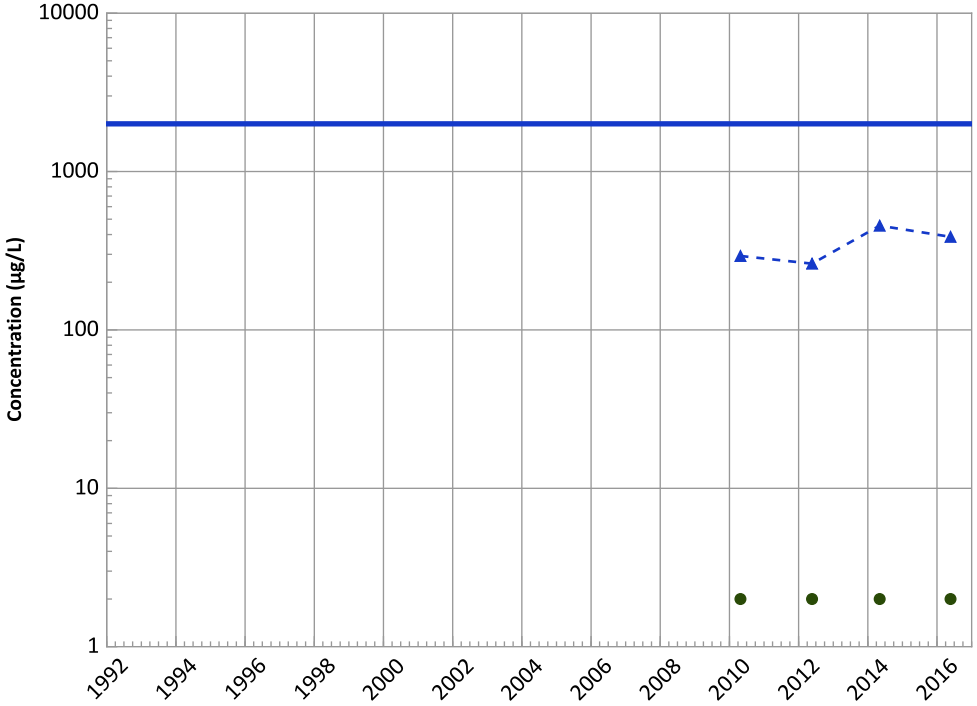


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Barium Trend



Concentration Trend

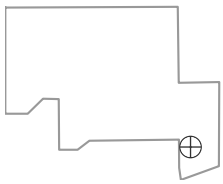
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 10/24/2016
Analysis Date: 03/07/2017

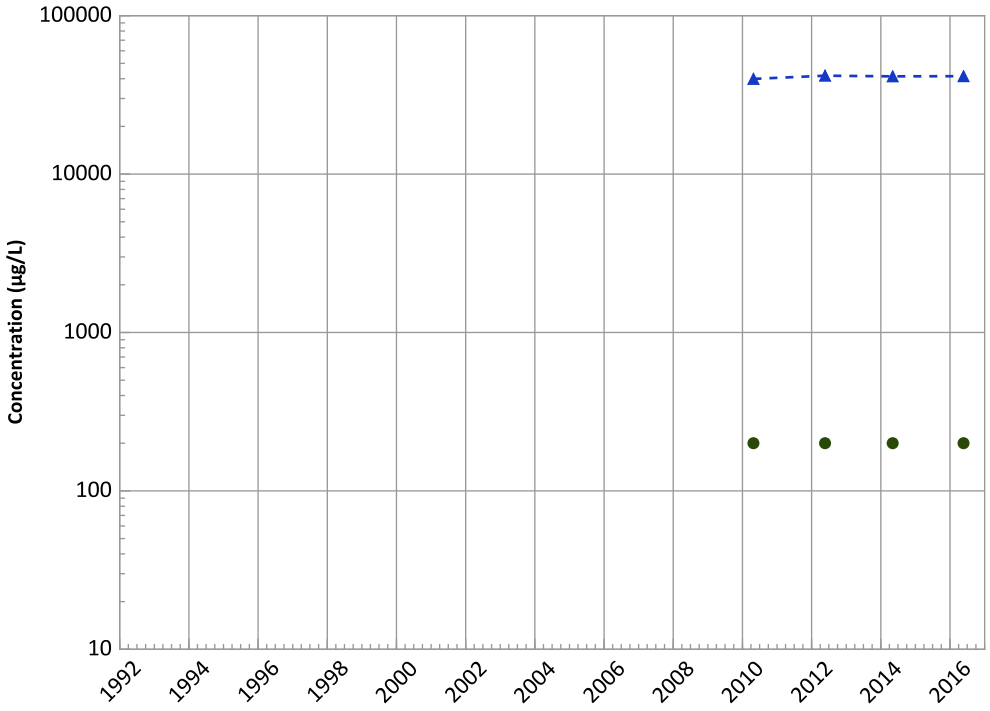
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

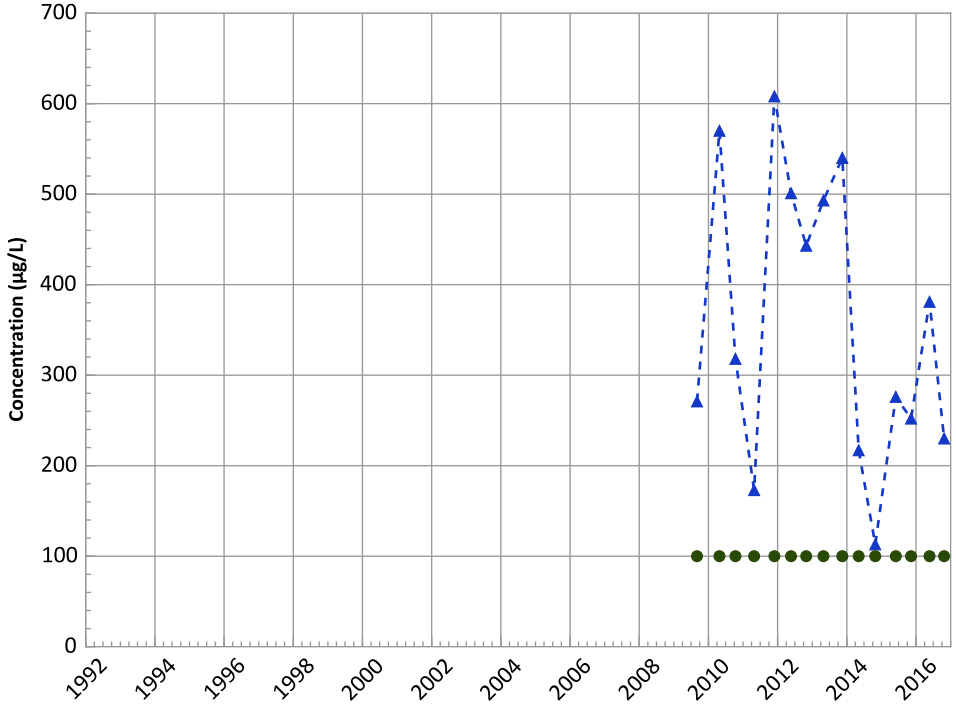


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Iron Trend



Concentration Trend

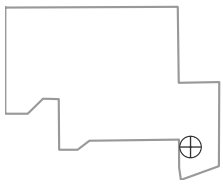
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 10/24/2016
Analysis Date: 03/07/2017

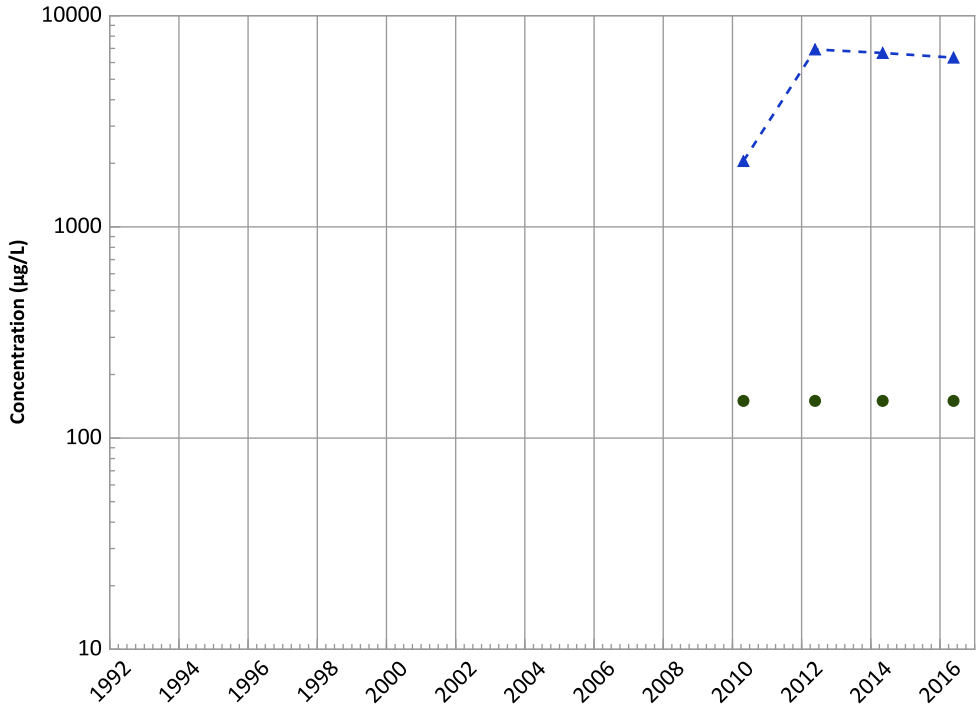
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

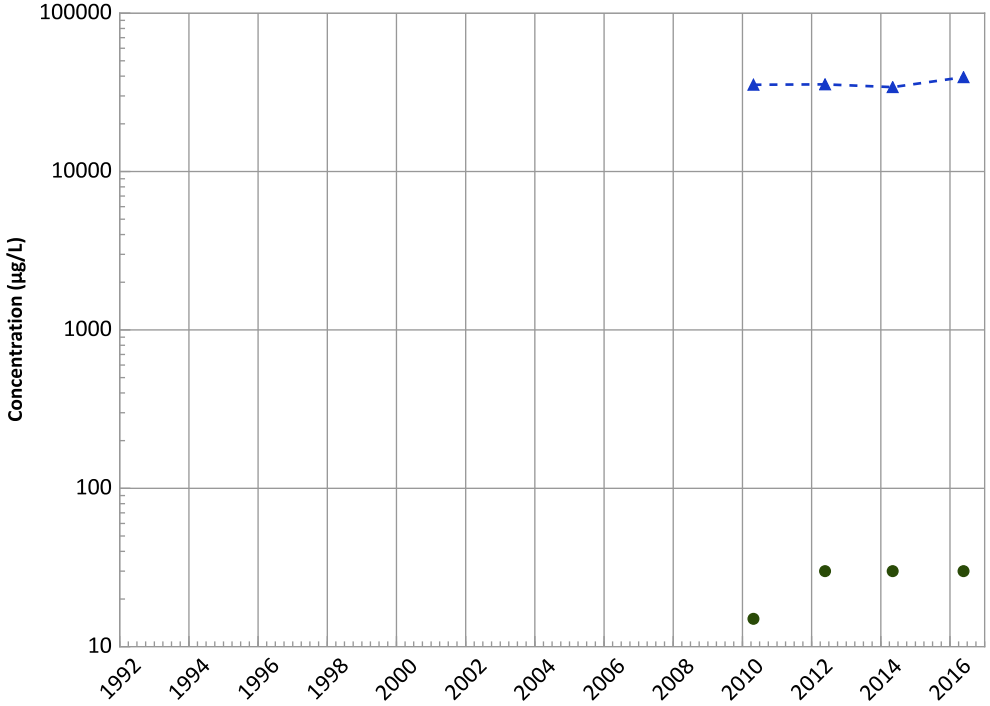


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Magnesium Trend



Concentration Trend

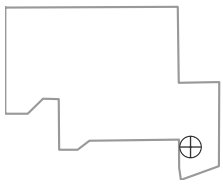
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 10/24/2016
Analysis Date: 03/07/2017

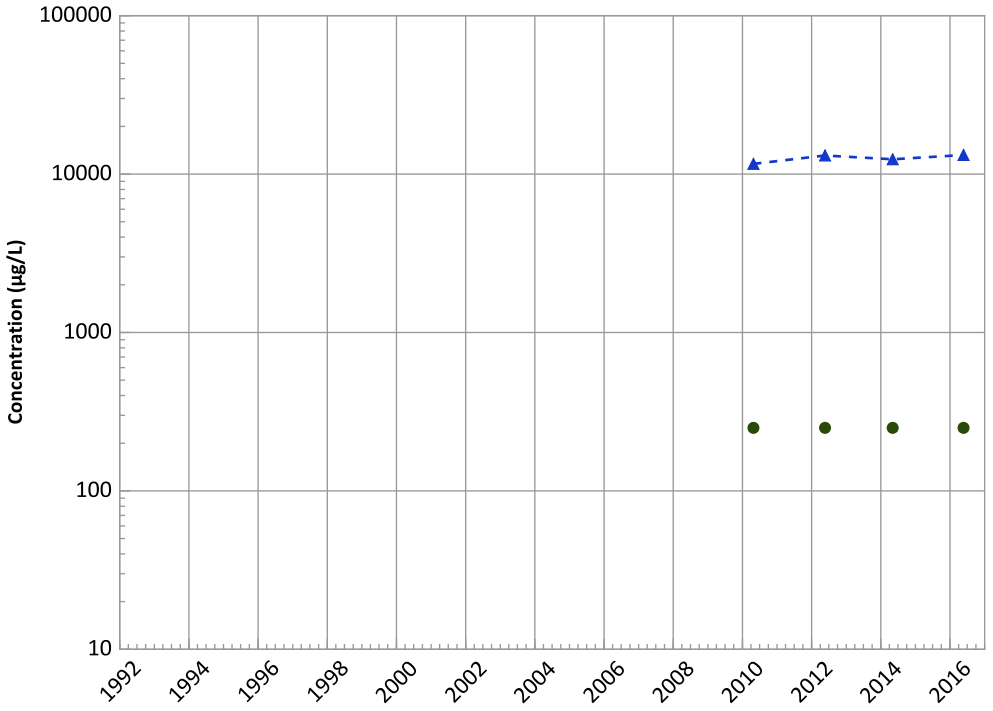
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

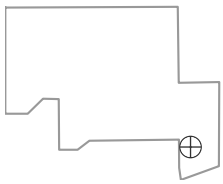
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

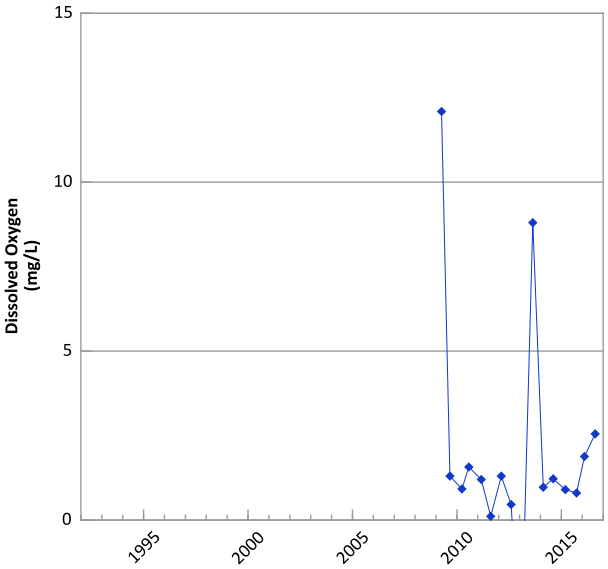
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/02/2009 to 10/24/2016
Analysis Date: 03/07/2017

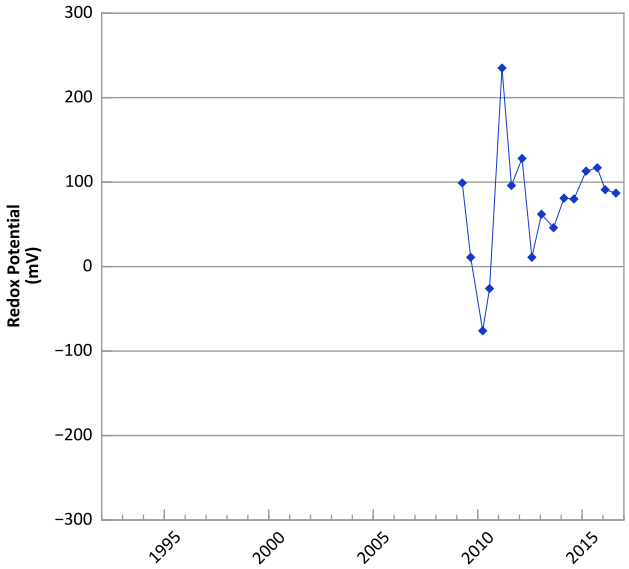
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

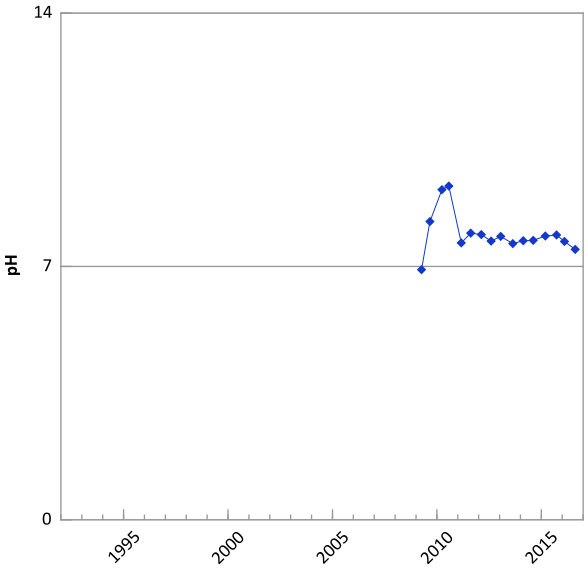
Well Location

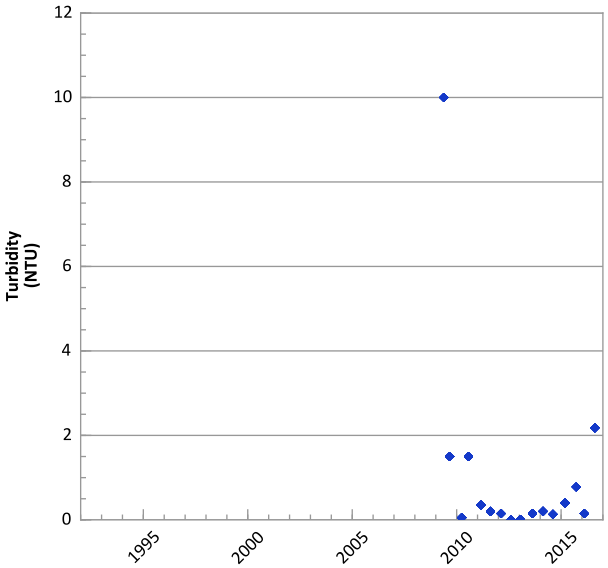


PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



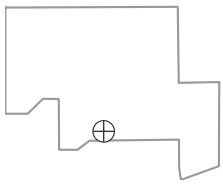






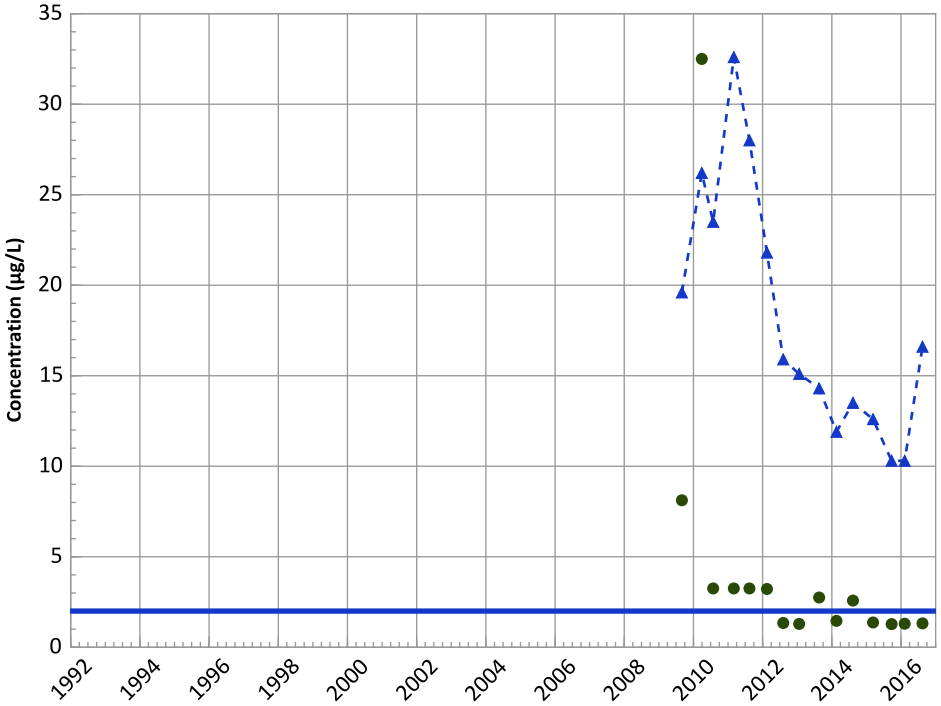
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/20/2009 to 08/15/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

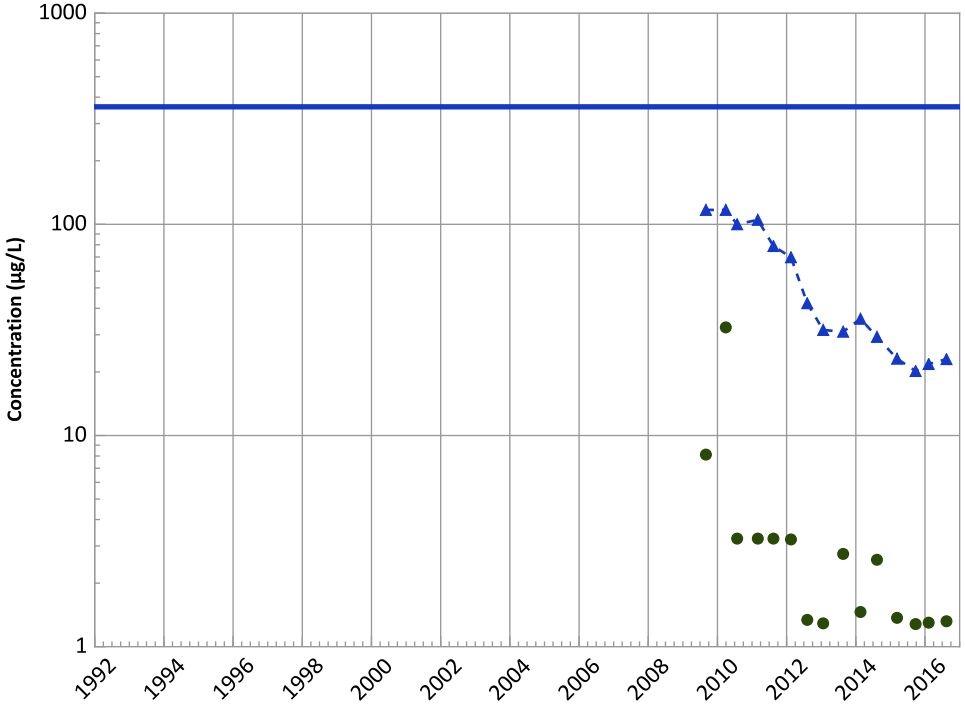


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

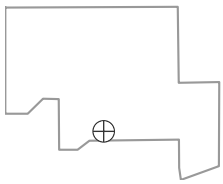
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/20/2009 to 08/15/2016
Analysis Date: 03/07/2017

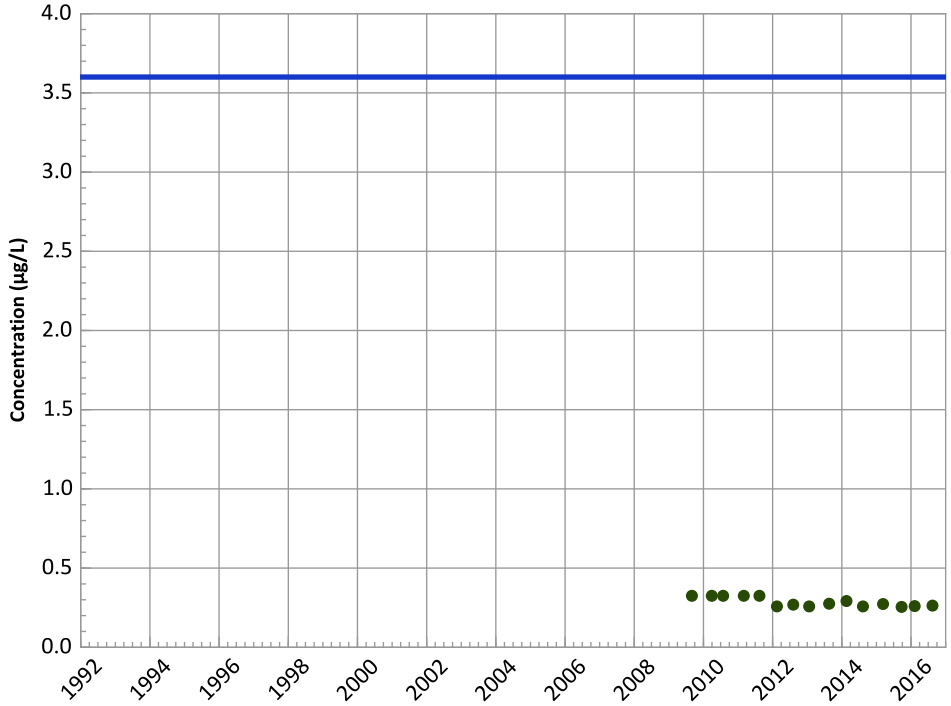
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

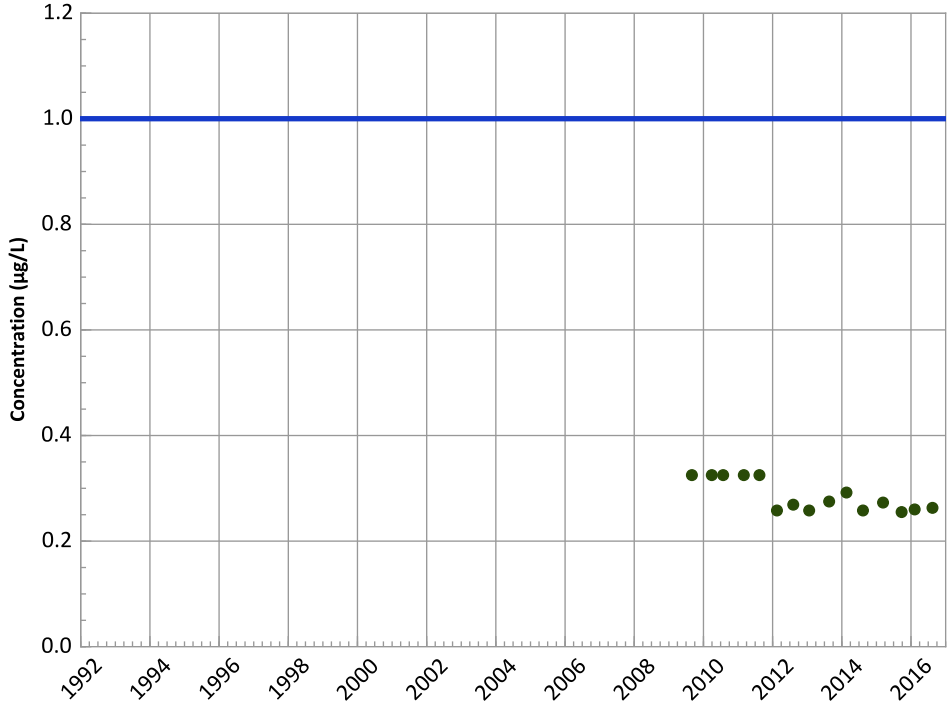


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

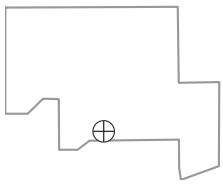
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/20/2009 to 08/15/2016
Analysis Date: 03/07/2017

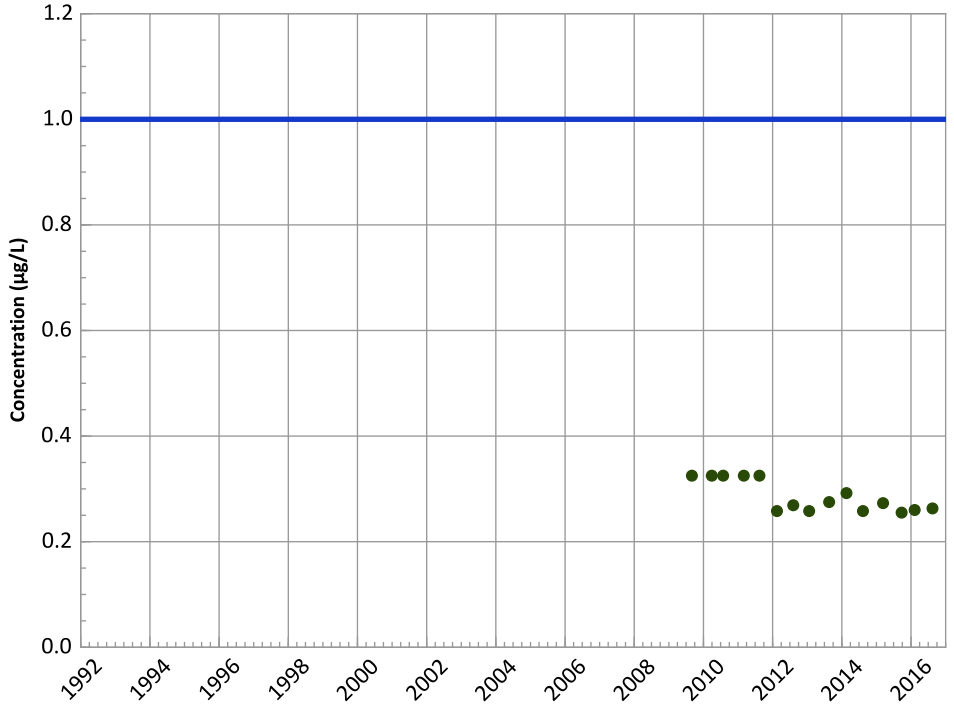
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

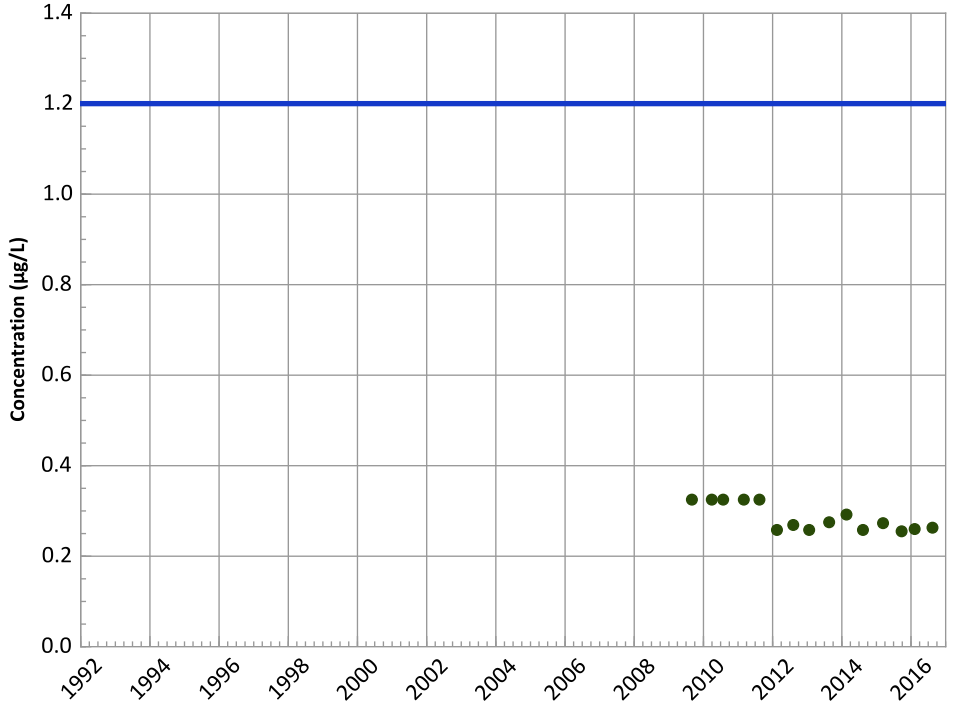


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

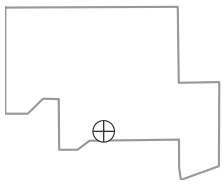
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/20/2009 to 08/15/2016
Analysis Date: 03/07/2017

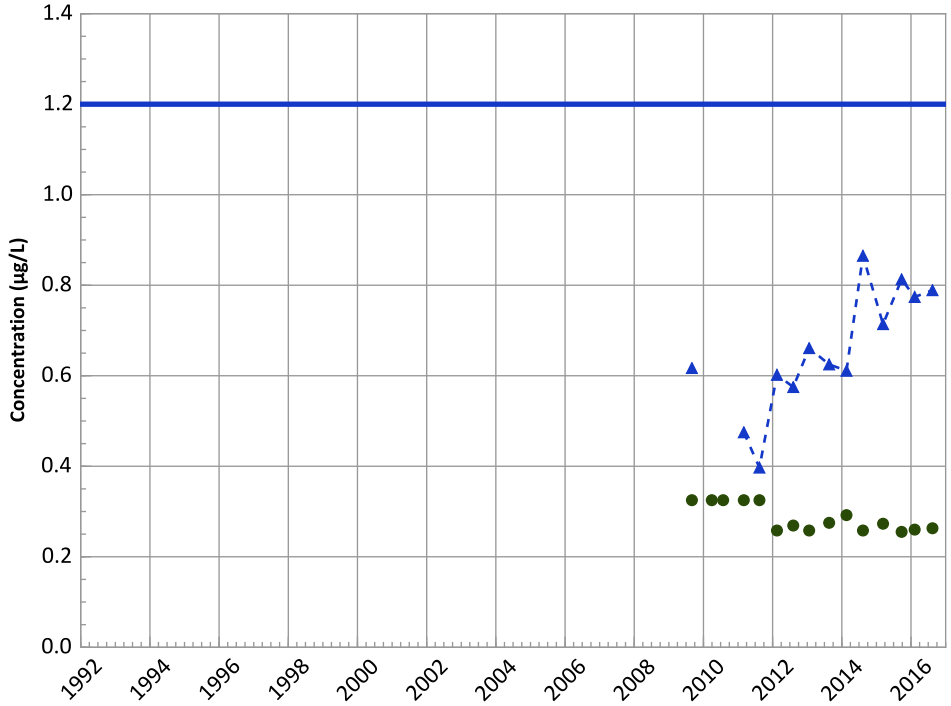
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

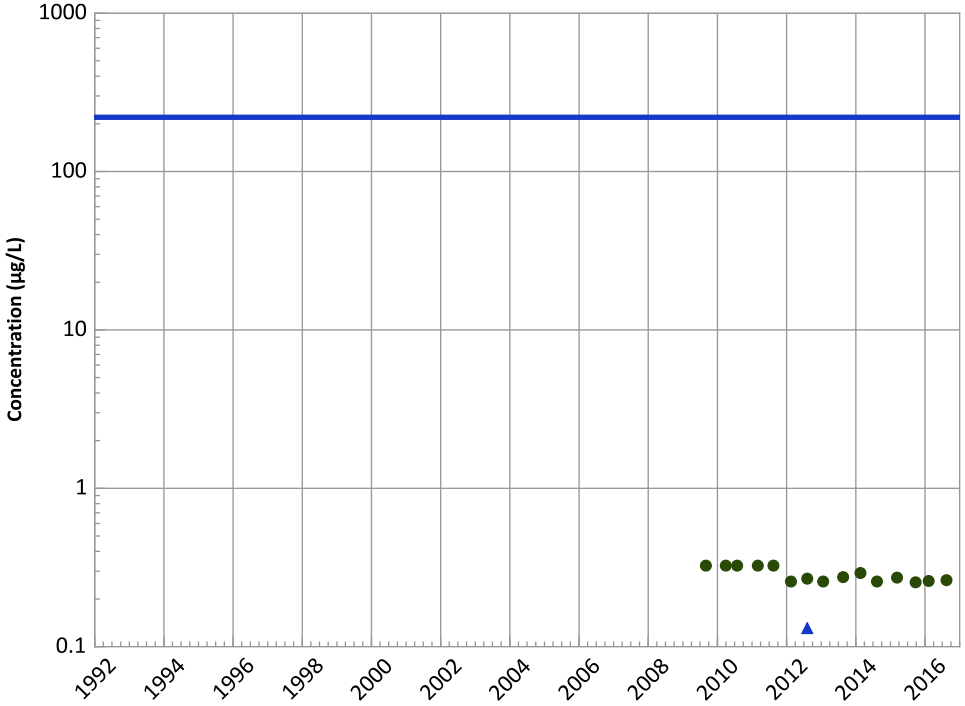


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

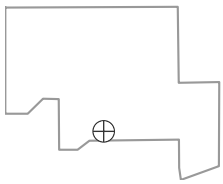
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/20/2009 to 08/15/2016
Analysis Date: 03/07/2017

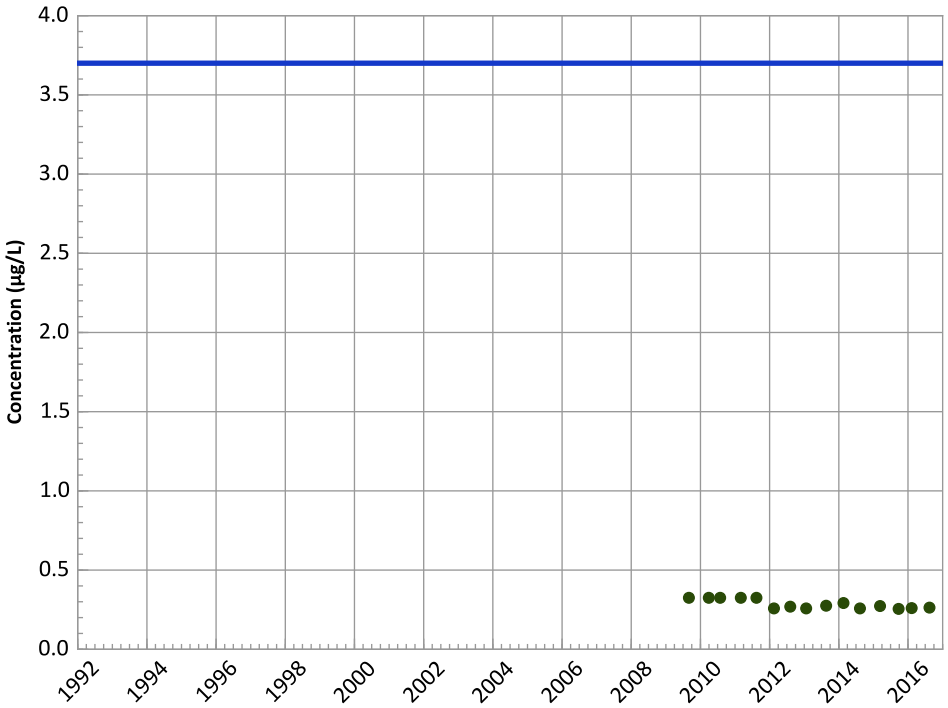
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

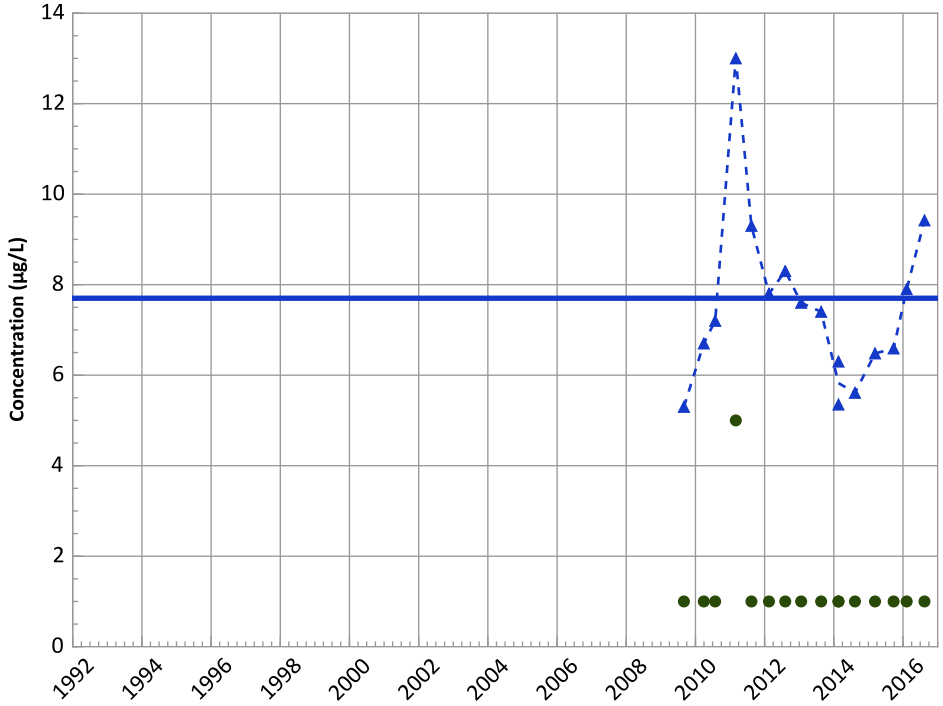


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

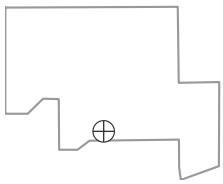
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/20/2009 to 08/15/2016
Analysis Date: 03/07/2017

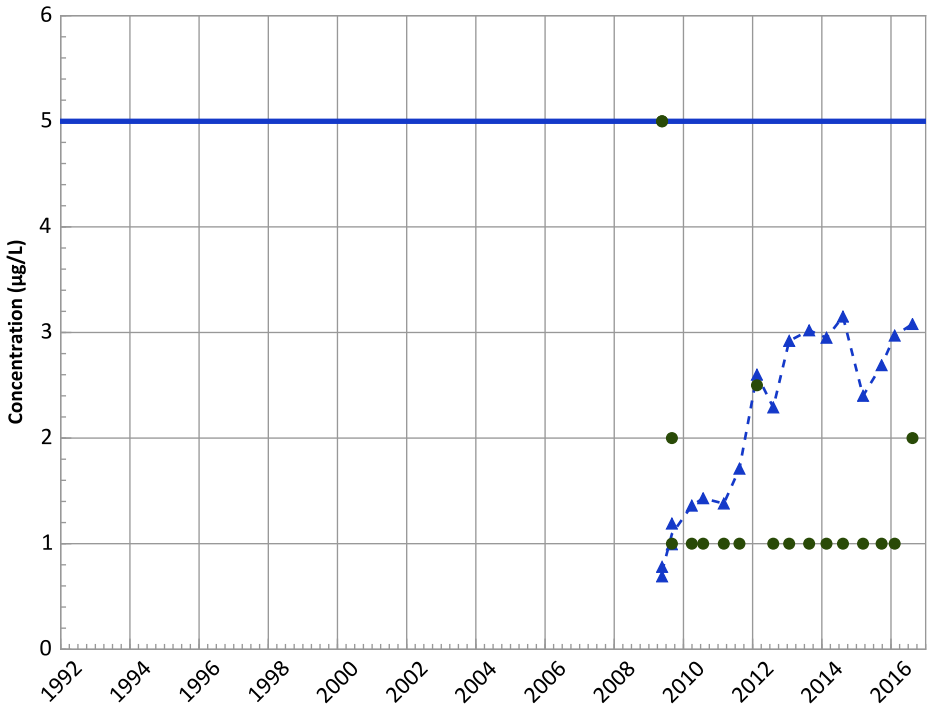
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

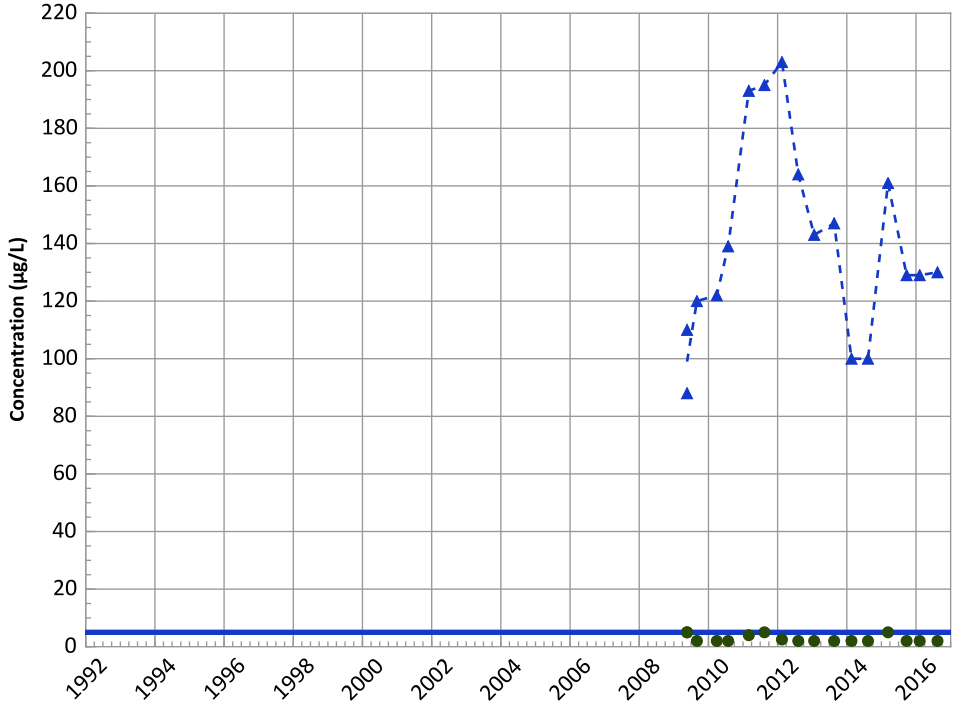


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Trichloroethene Trend



Concentration Trend

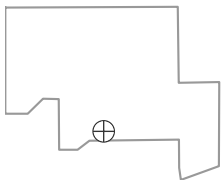
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/20/2009 to 08/15/2016
Analysis Date: 03/07/2017

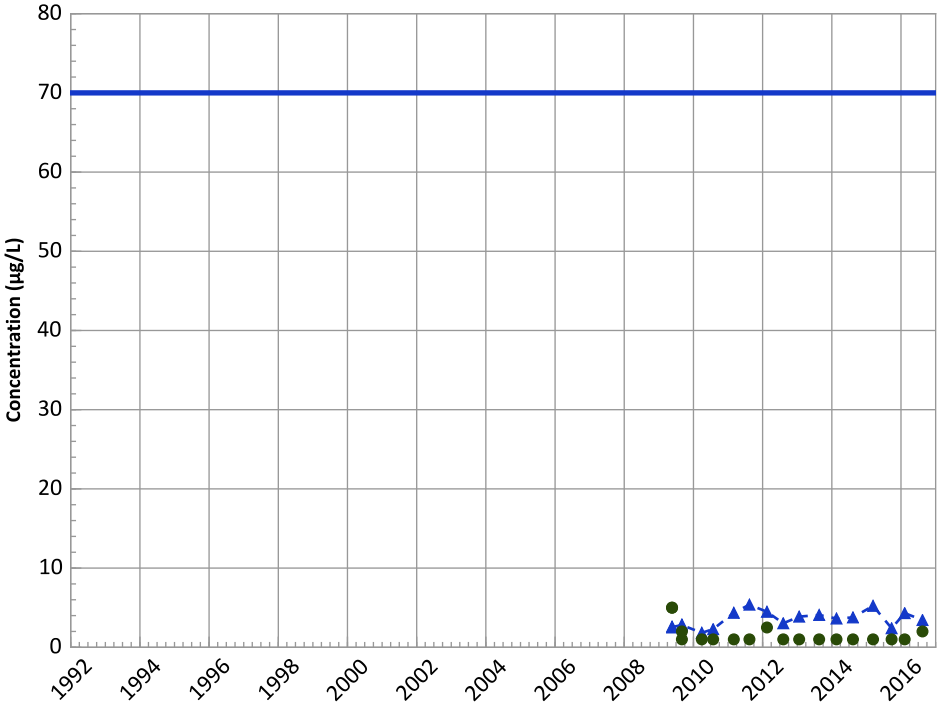
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

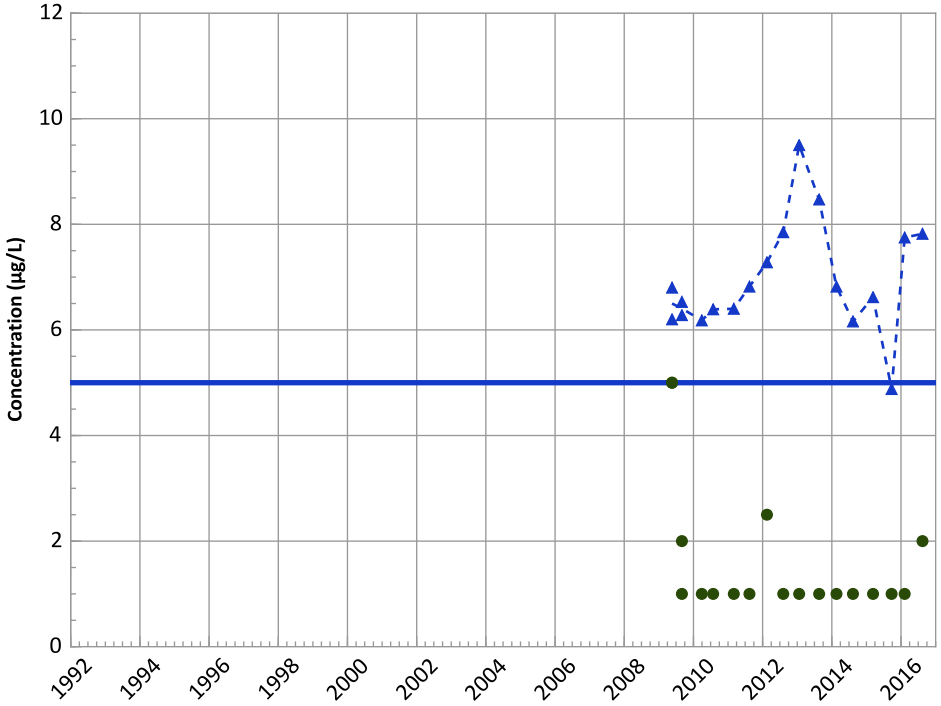


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

1,2-Dichloroethane Trend



Concentration Trend

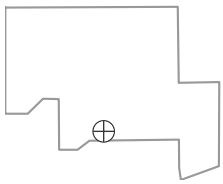
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/20/2009 to 08/15/2016
Analysis Date: 03/07/2017

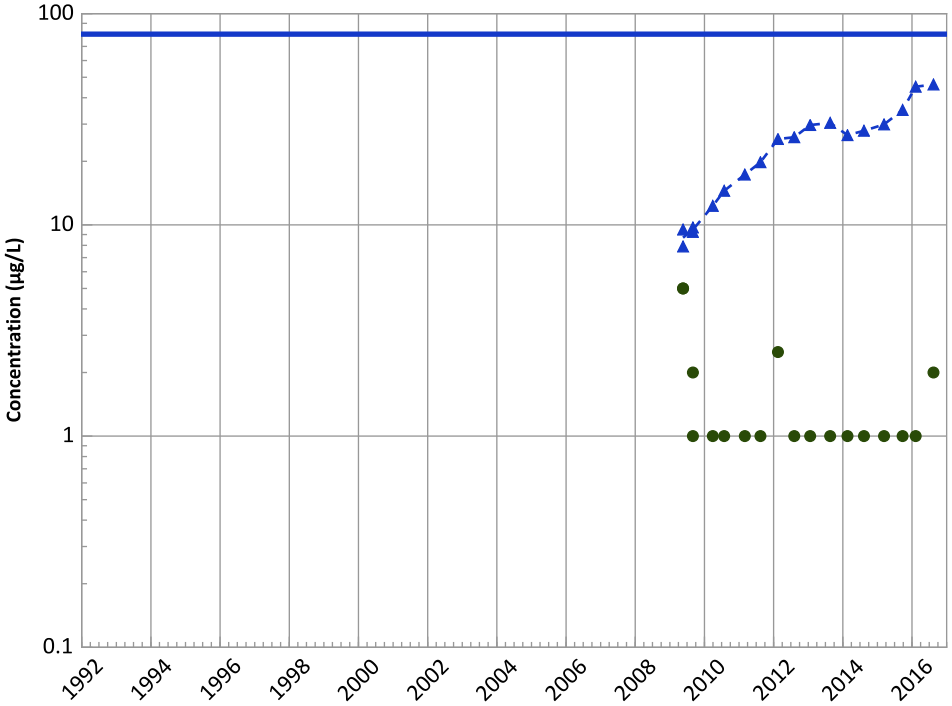
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

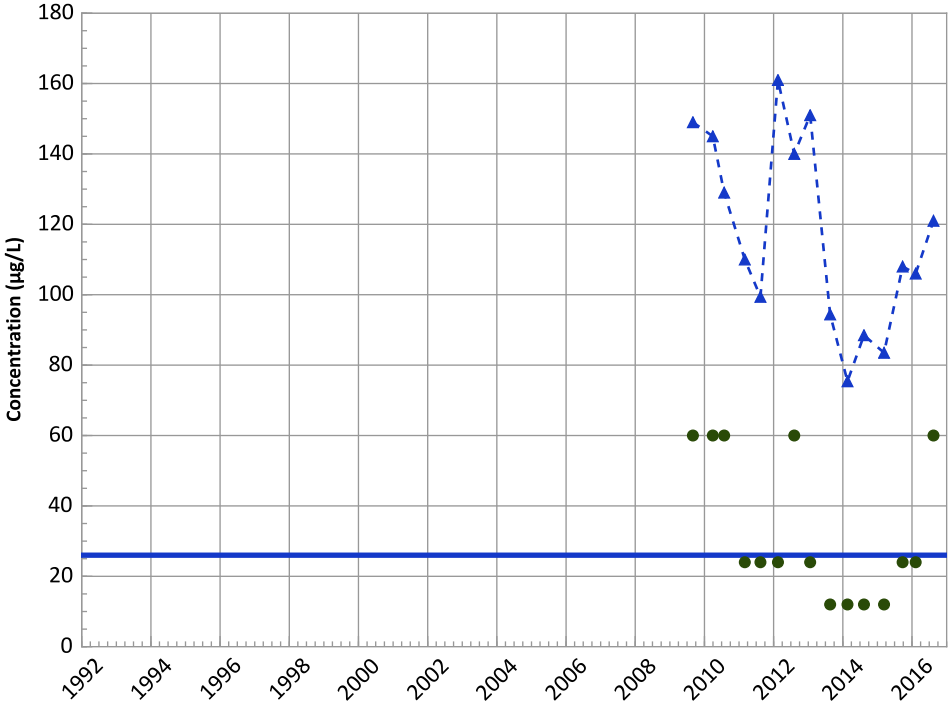


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Perchlorate Trend



Concentration Trend

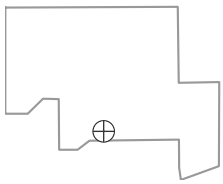
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/20/2009 to 08/15/2016
Analysis Date: 03/07/2017

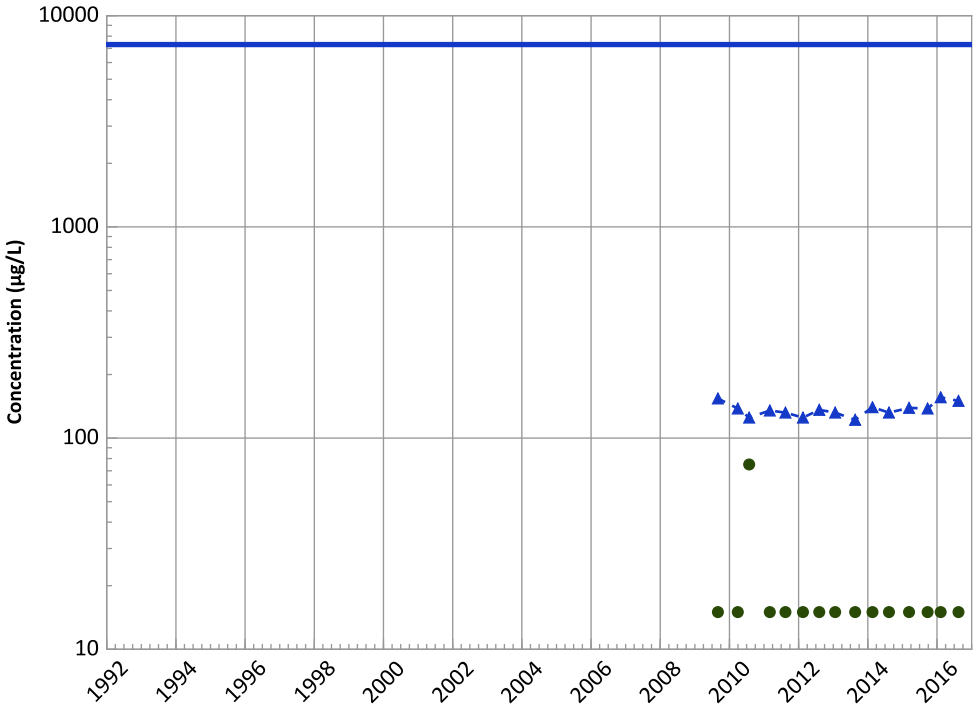
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

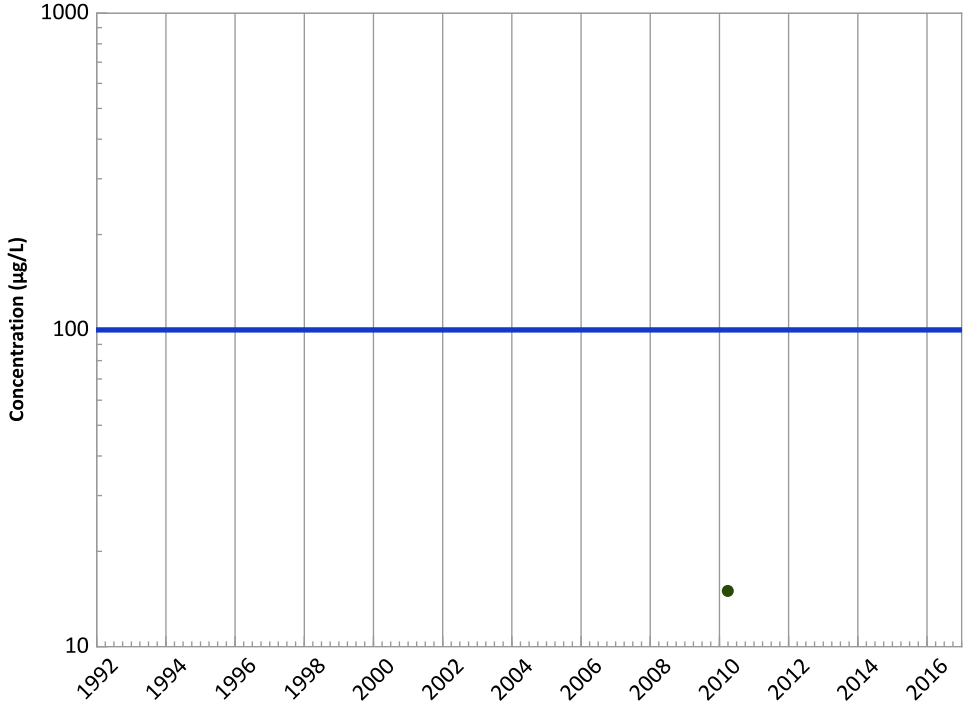


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Chromium, Hexavalent Trend



Concentration Trend

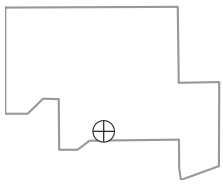
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/20/2009 to 08/15/2016
Analysis Date: 03/07/2017

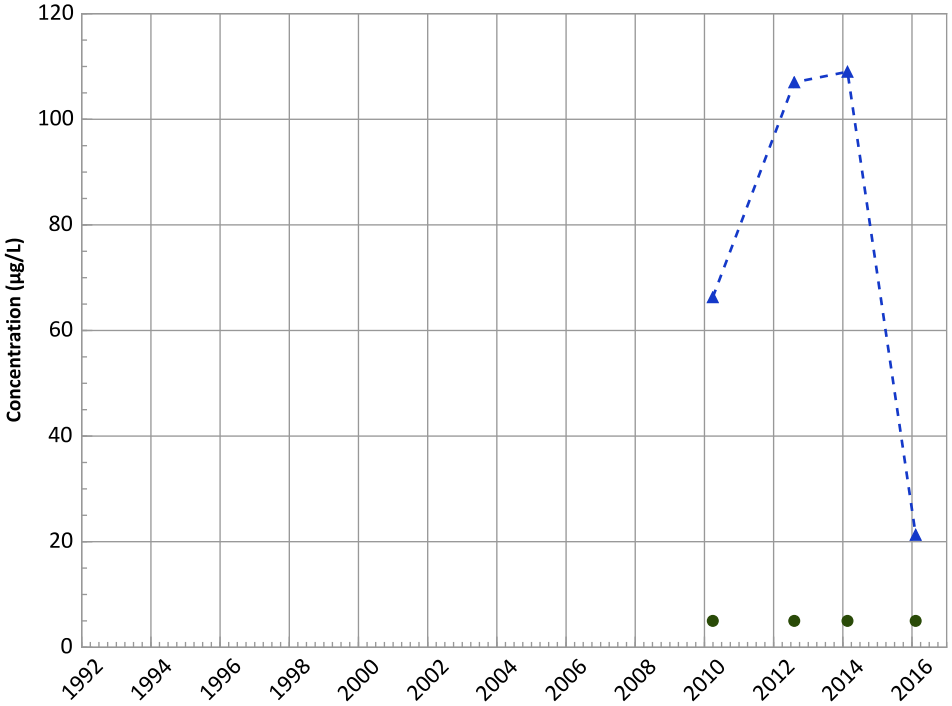
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

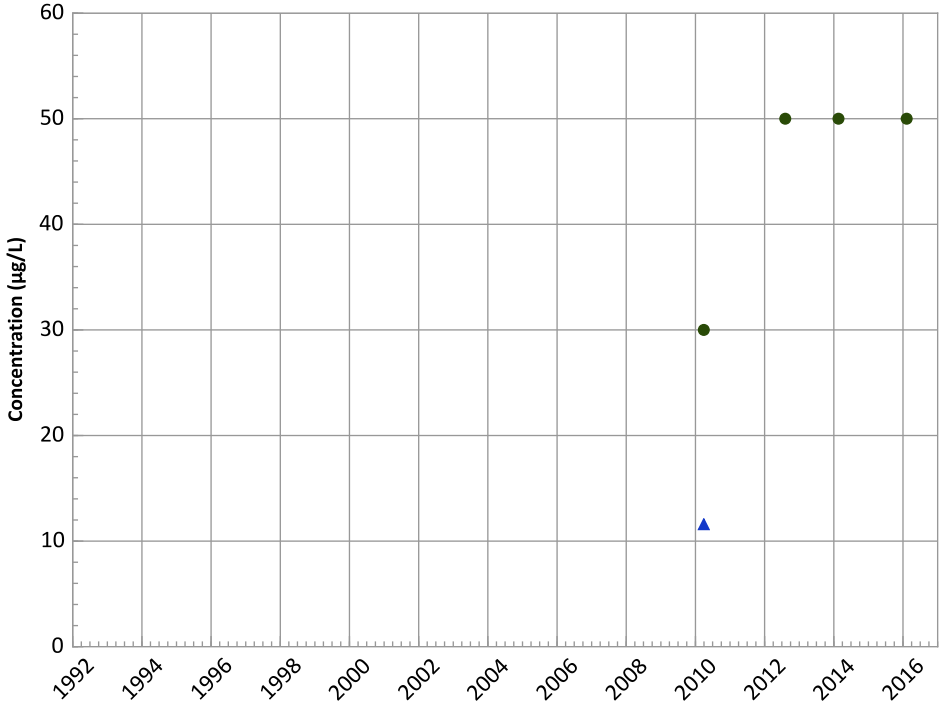


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Aluminum Trend



Concentration Trend

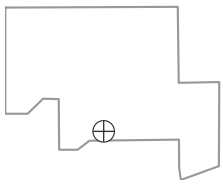
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/20/2009 to 08/15/2016
Analysis Date: 03/07/2017

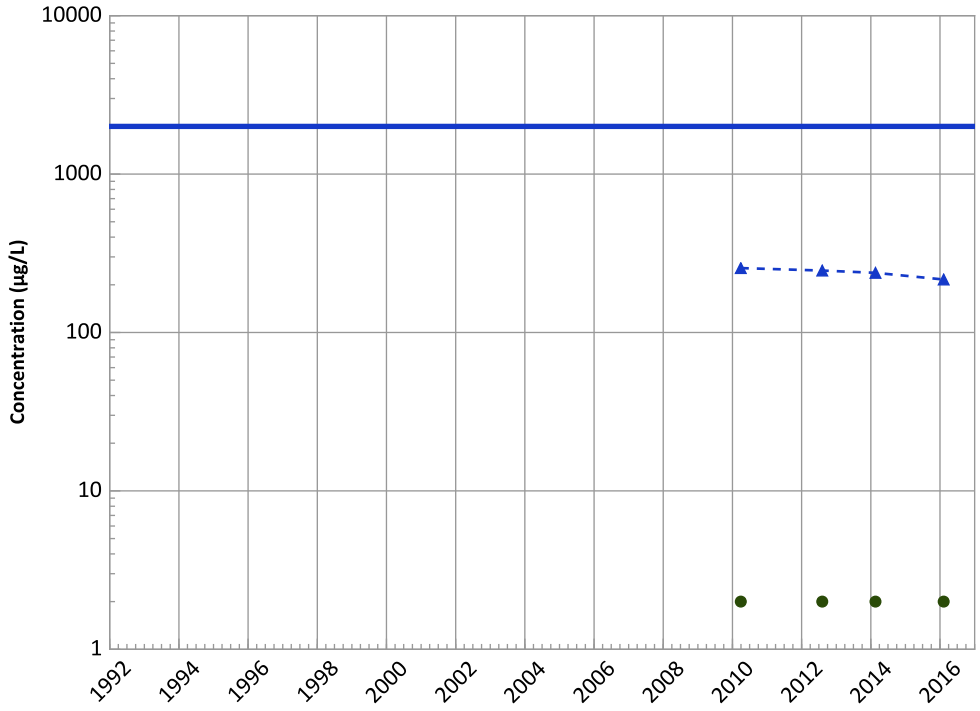
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

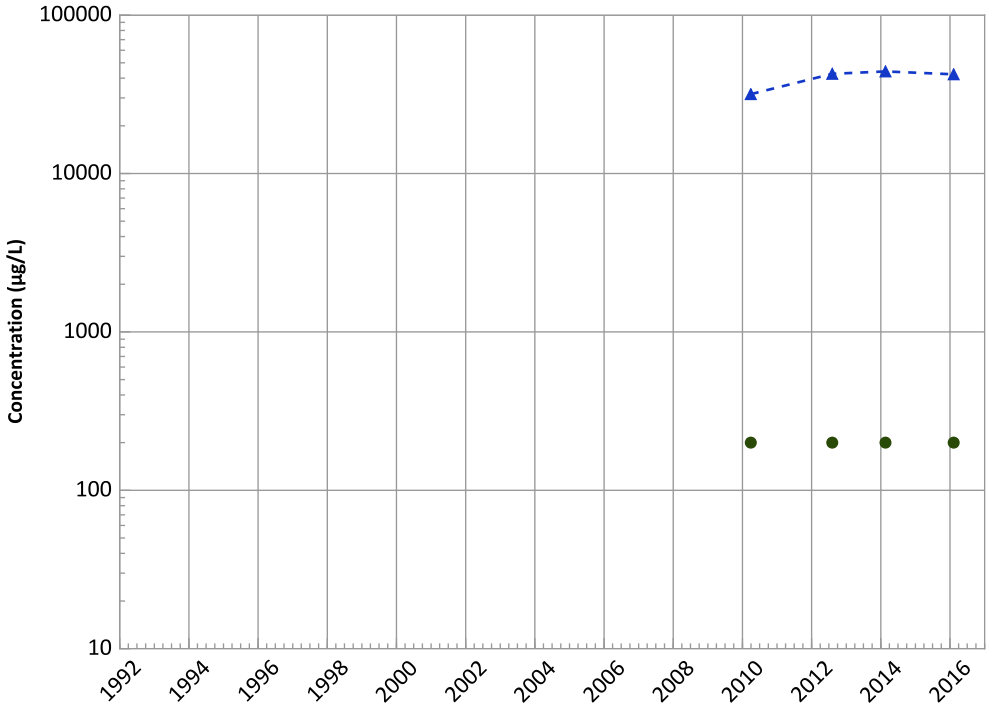


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Calcium Trend



Concentration Trend

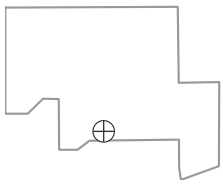
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/20/2009 to 08/15/2016
Analysis Date: 03/07/2017

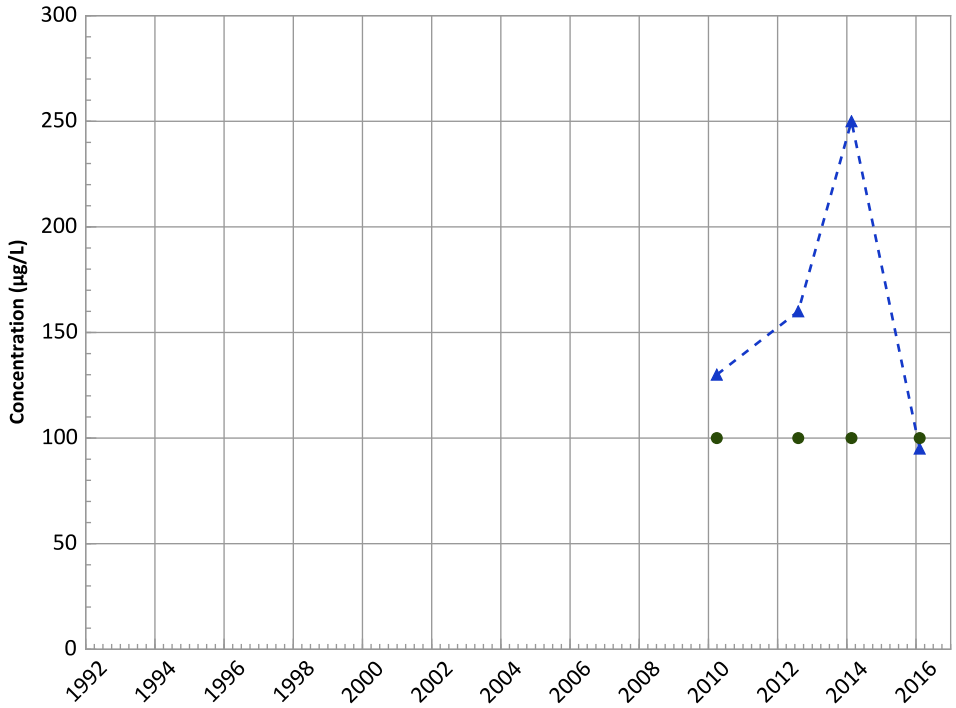
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

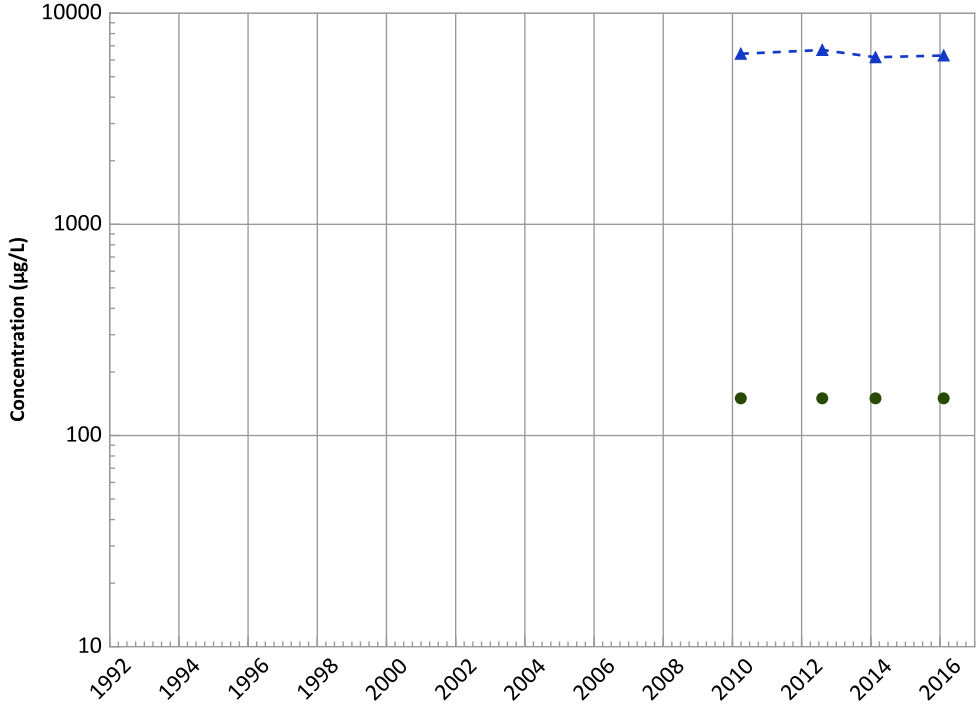


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Potassium Trend



Concentration Trend

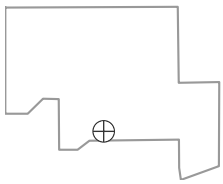
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/20/2009 to 08/15/2016
Analysis Date: 03/07/2017

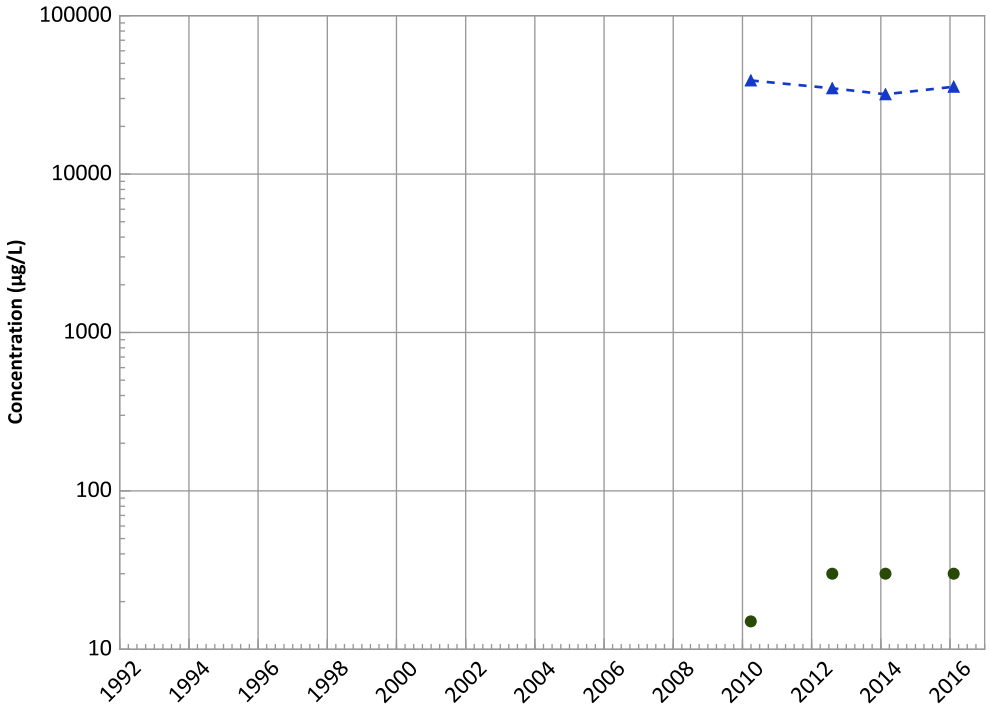
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

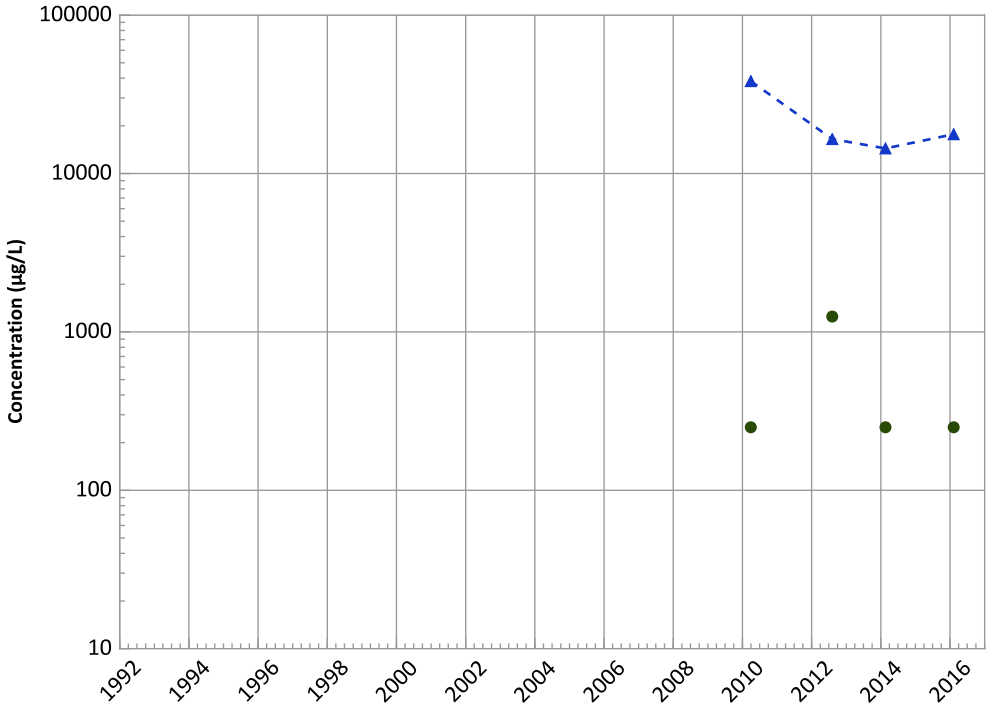


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Sodium Trend



Concentration Trend

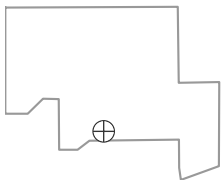
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

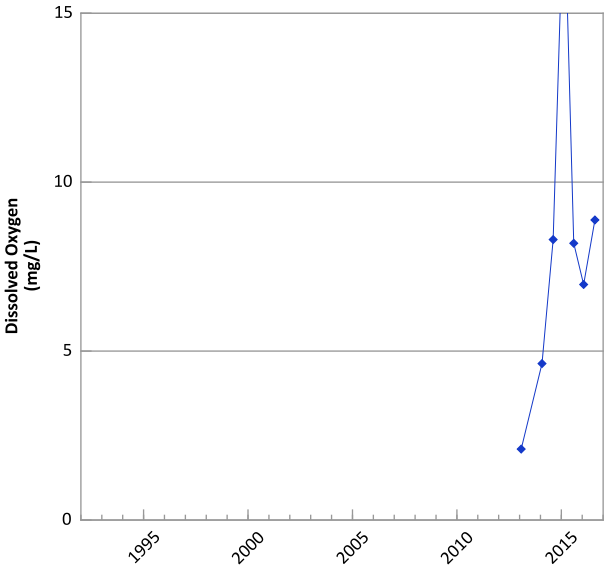
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/20/2009 to 08/15/2016
Analysis Date: 03/07/2017

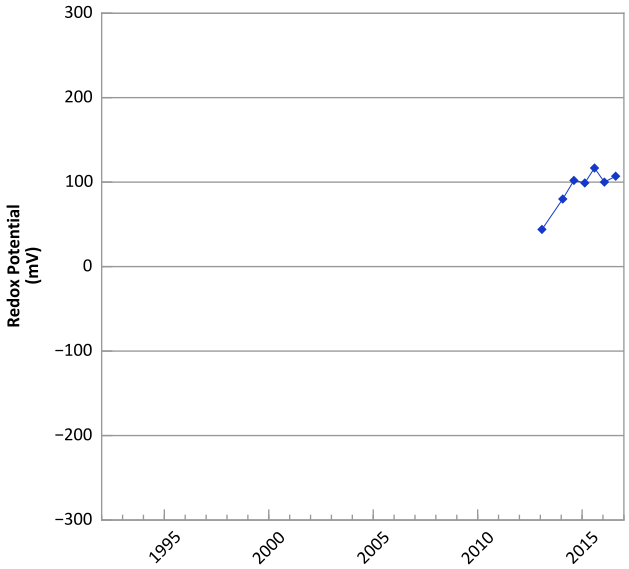
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

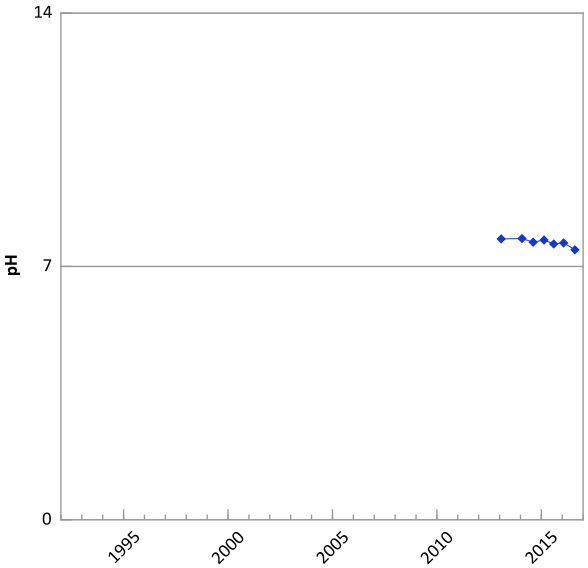
Well Location

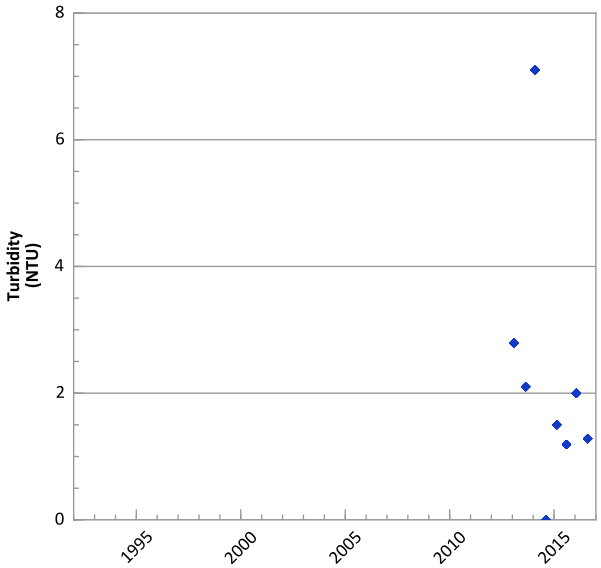


PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



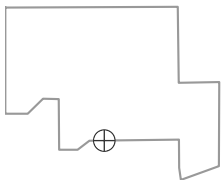






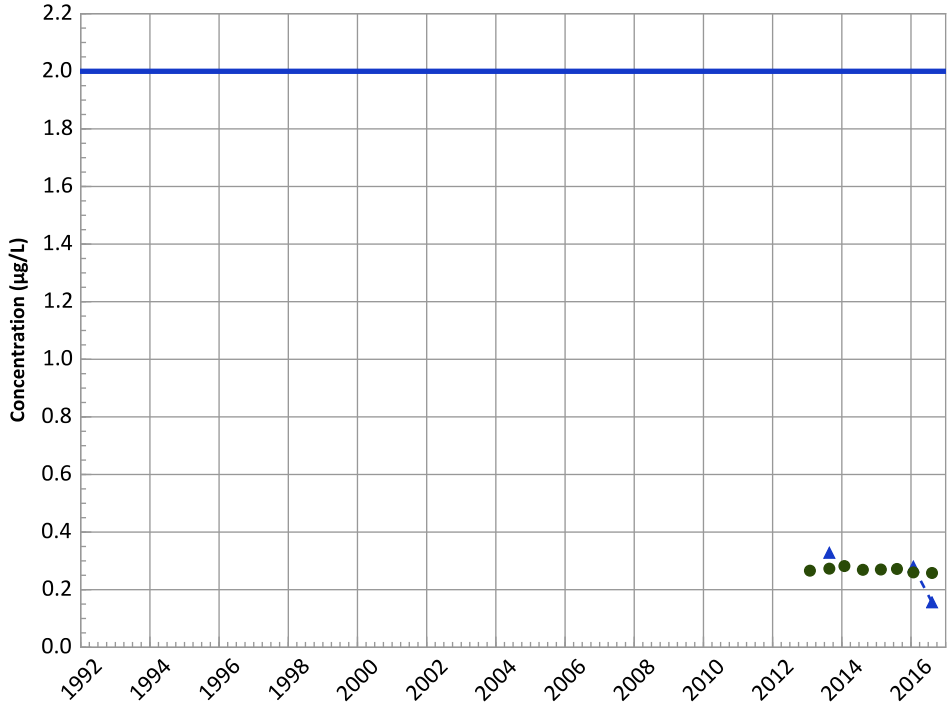
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

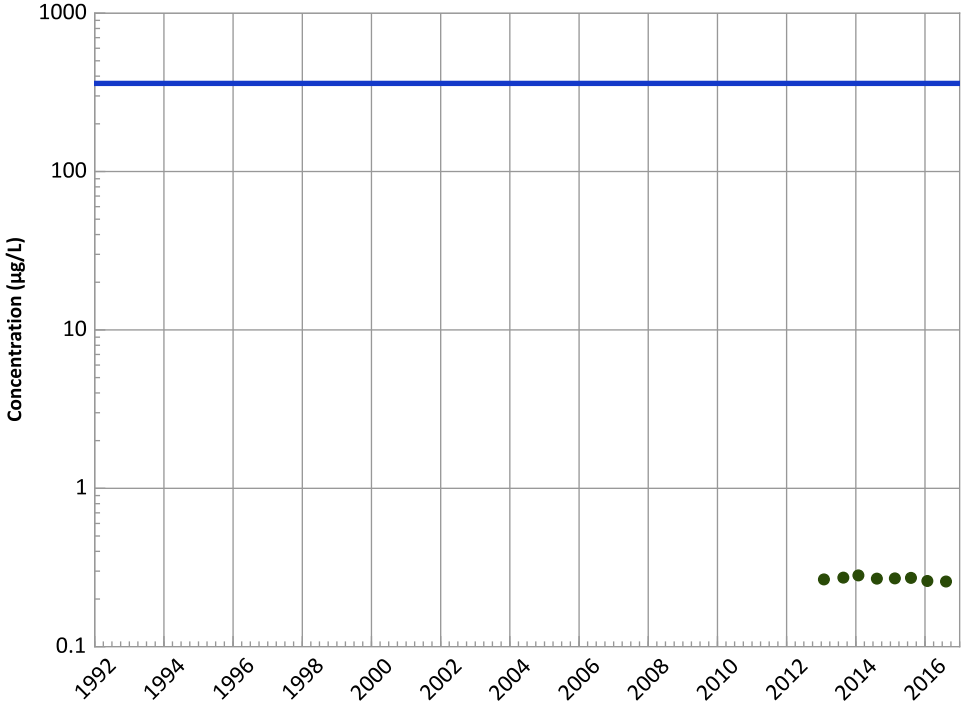


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

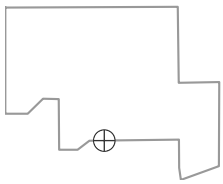
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

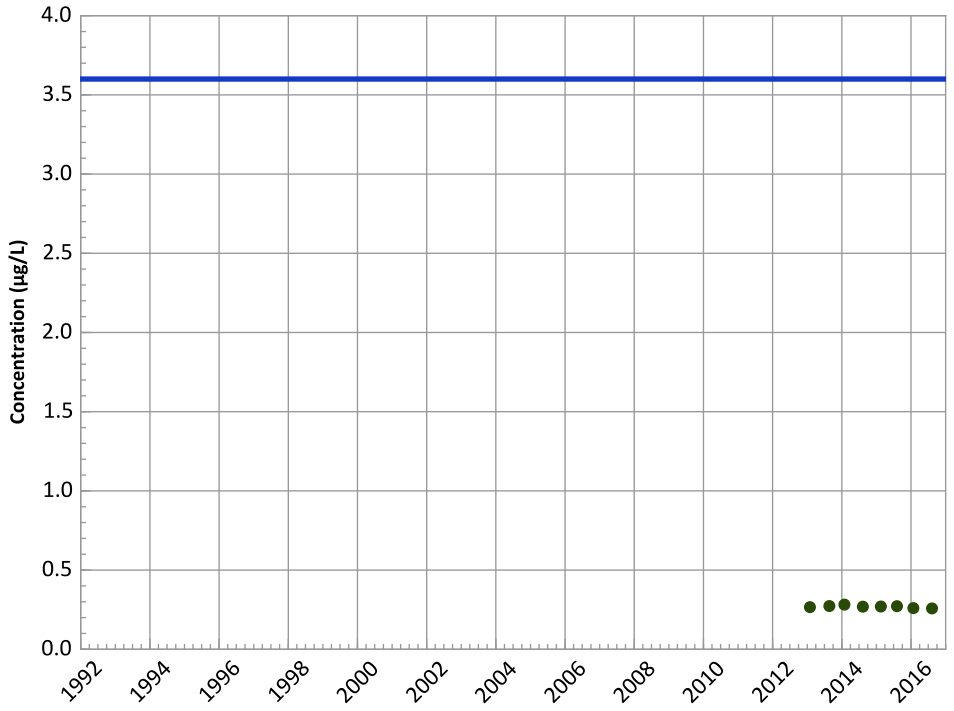
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ═══ Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

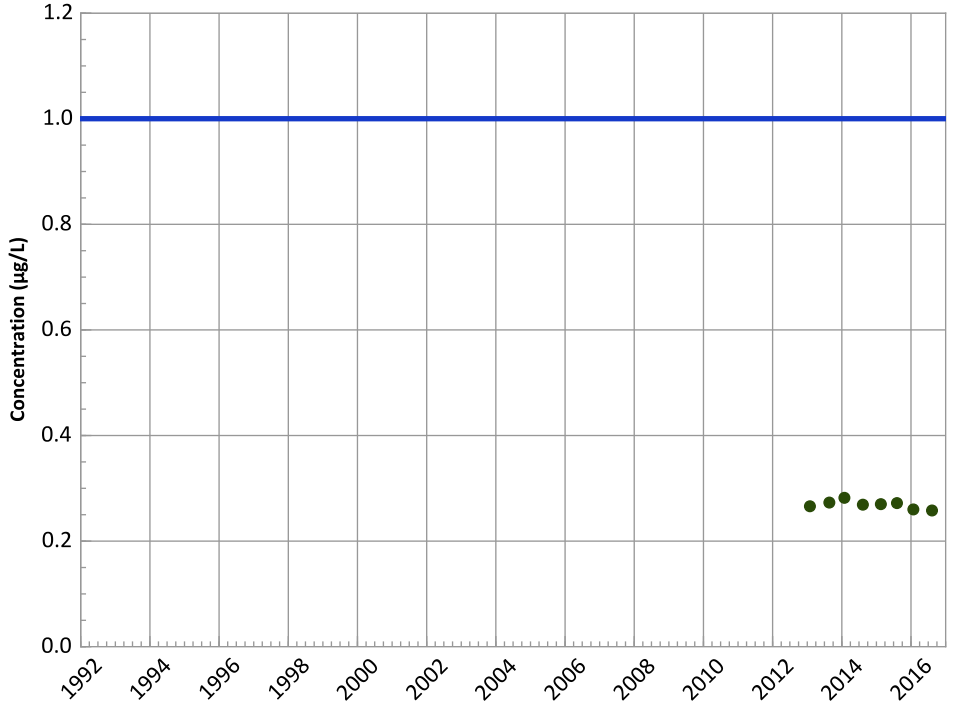


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

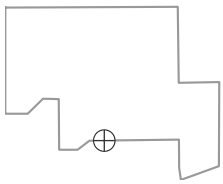
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

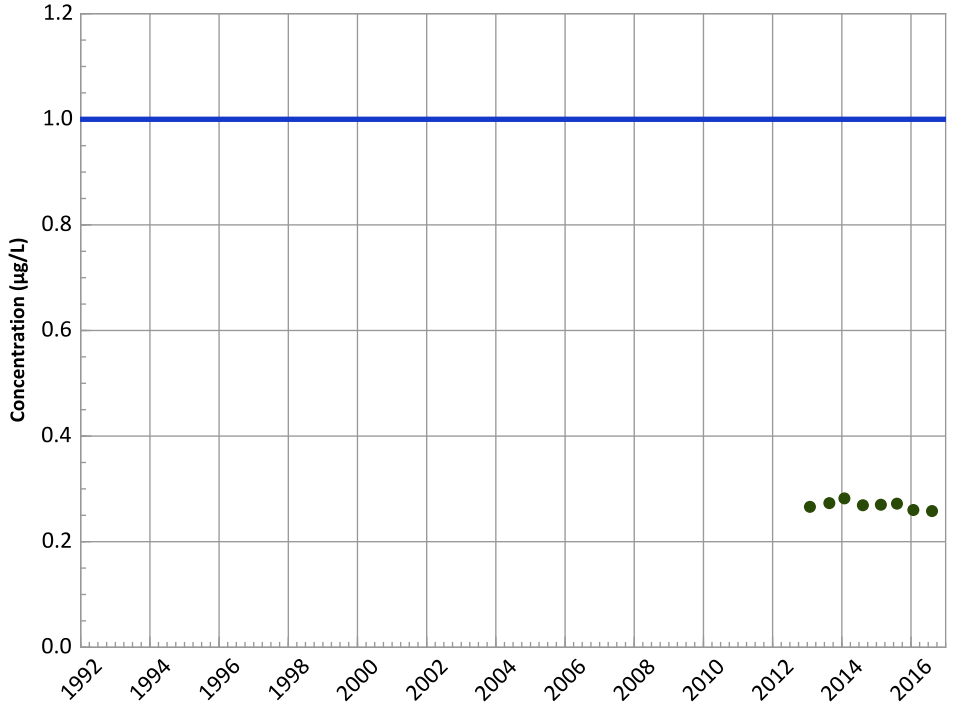
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

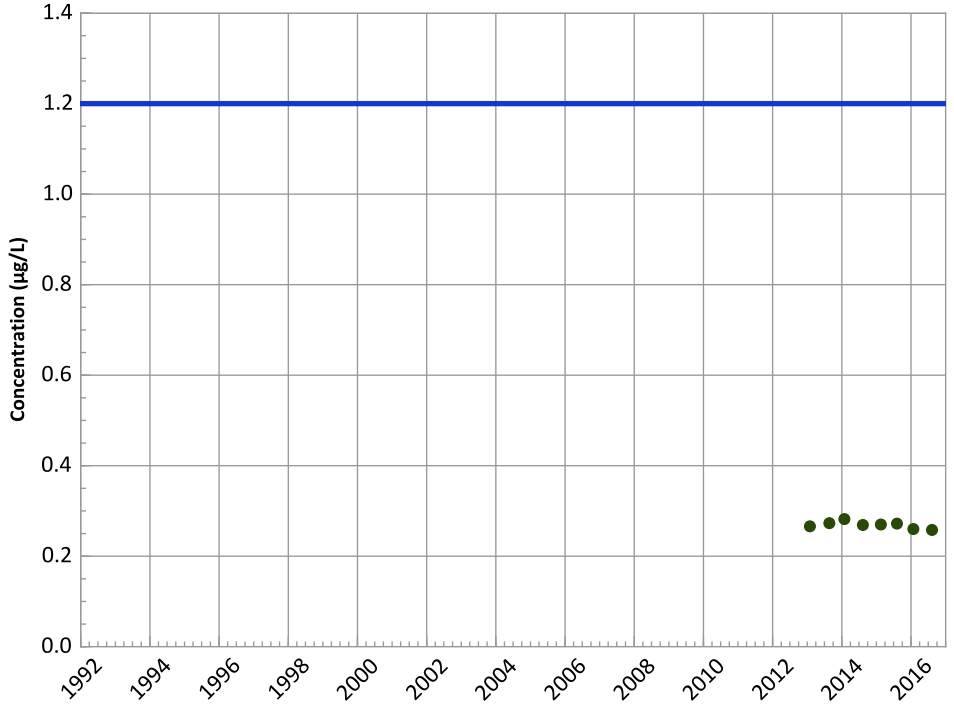


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

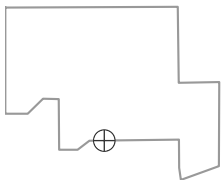
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

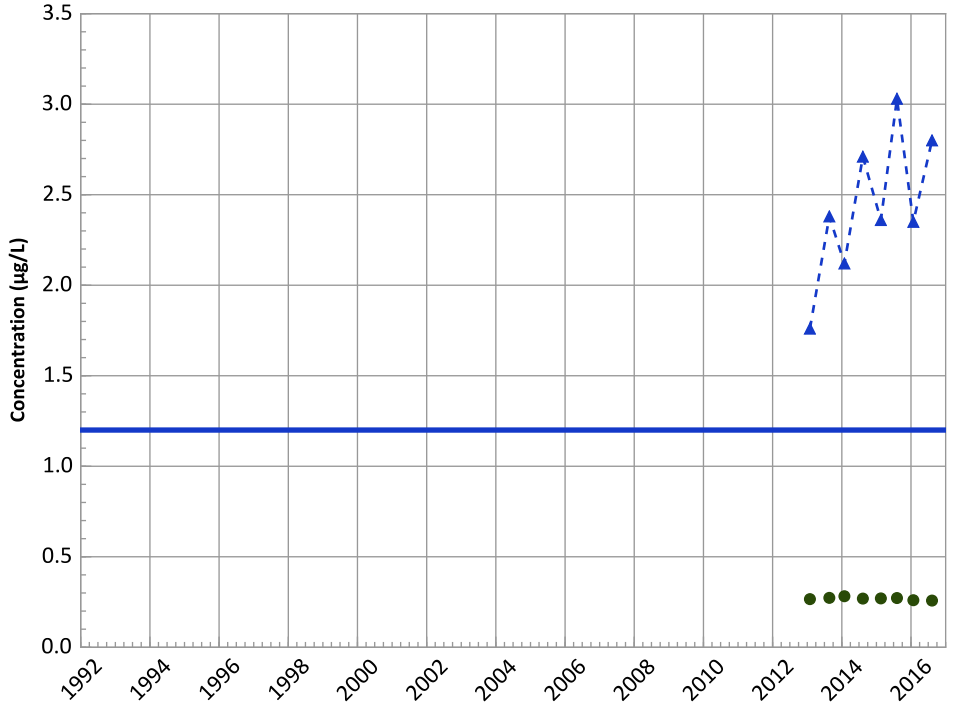
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

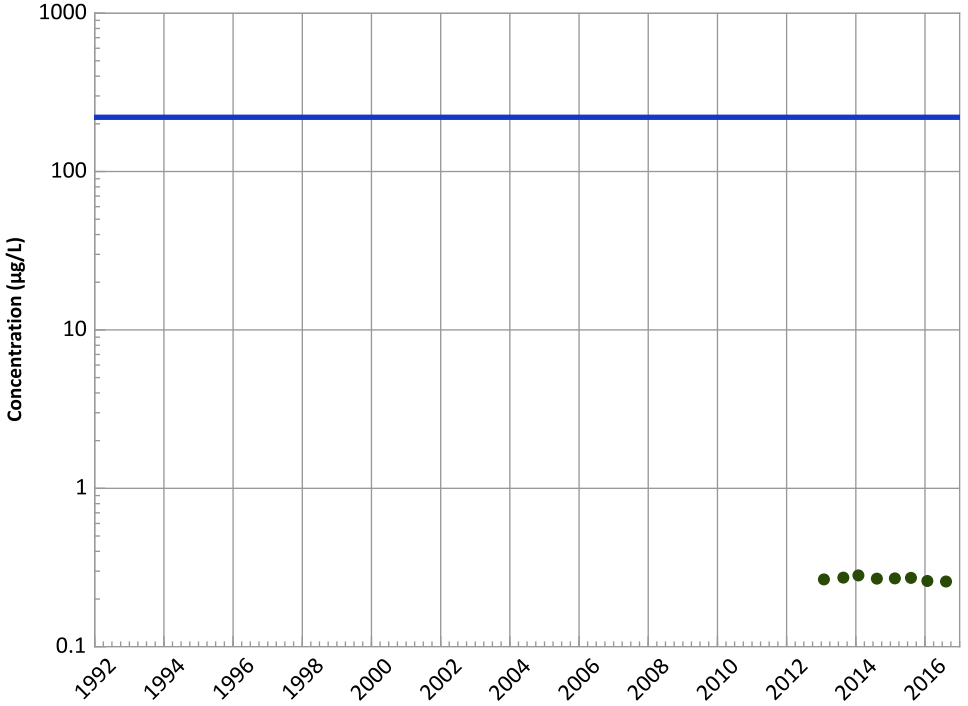


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

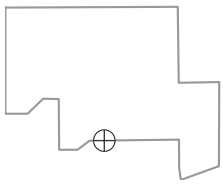
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

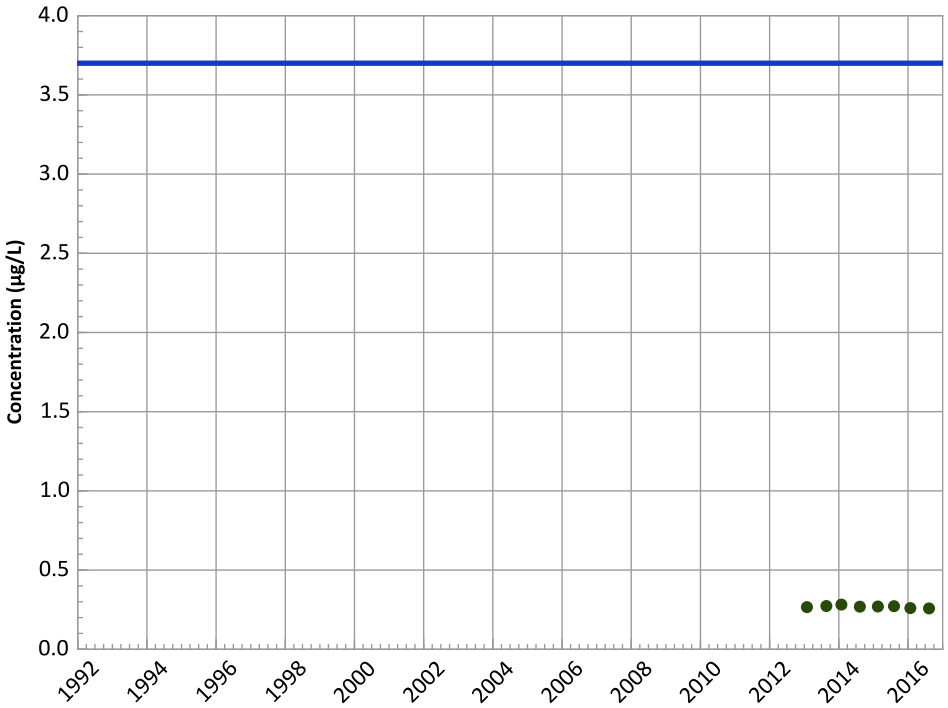
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

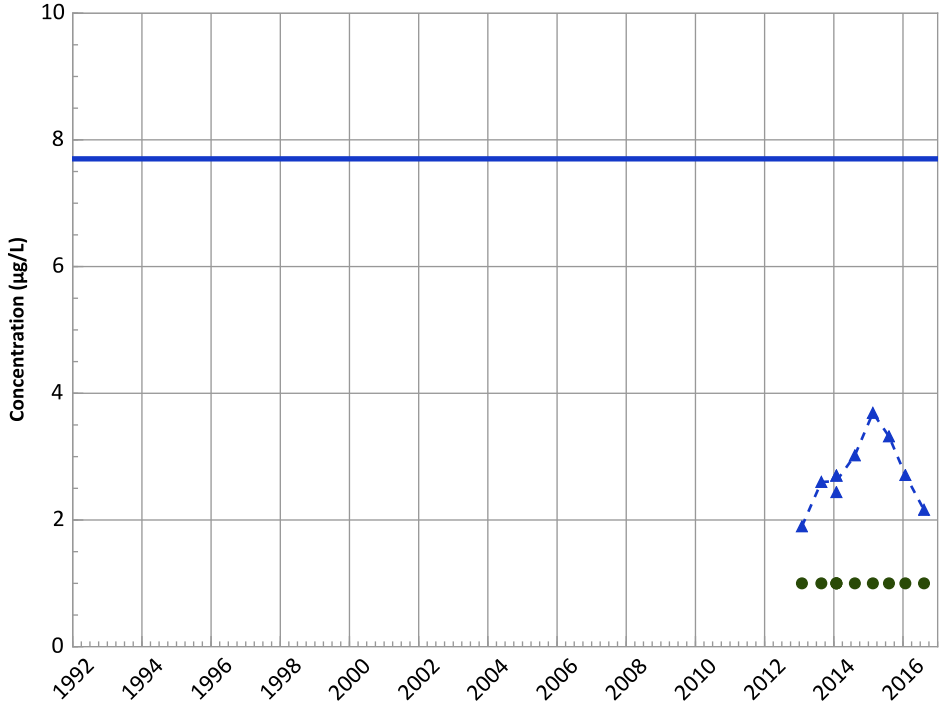


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

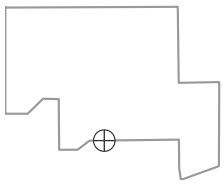
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

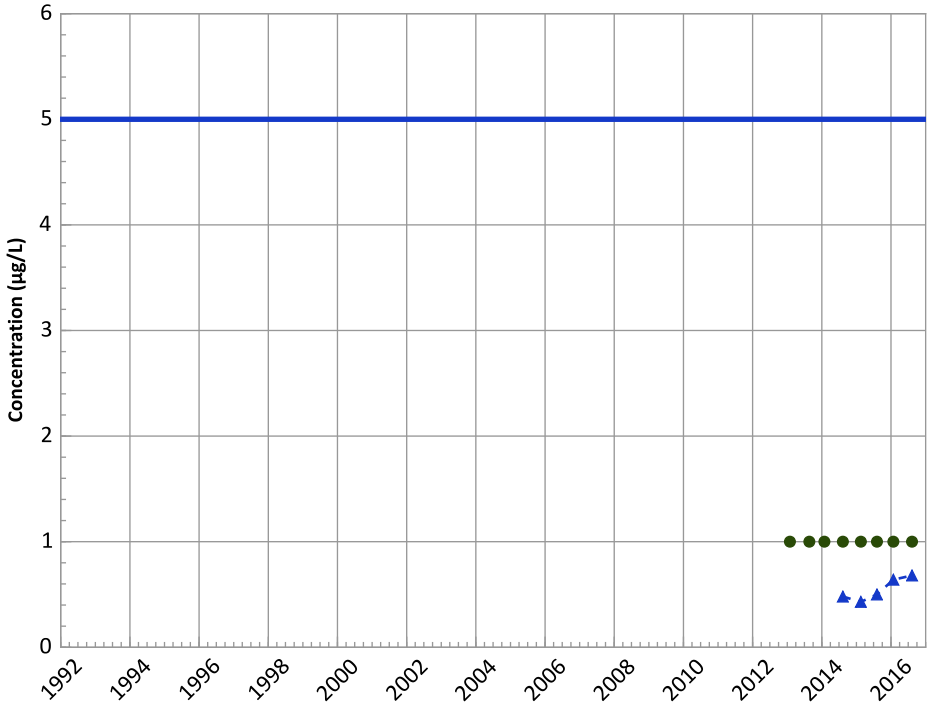
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

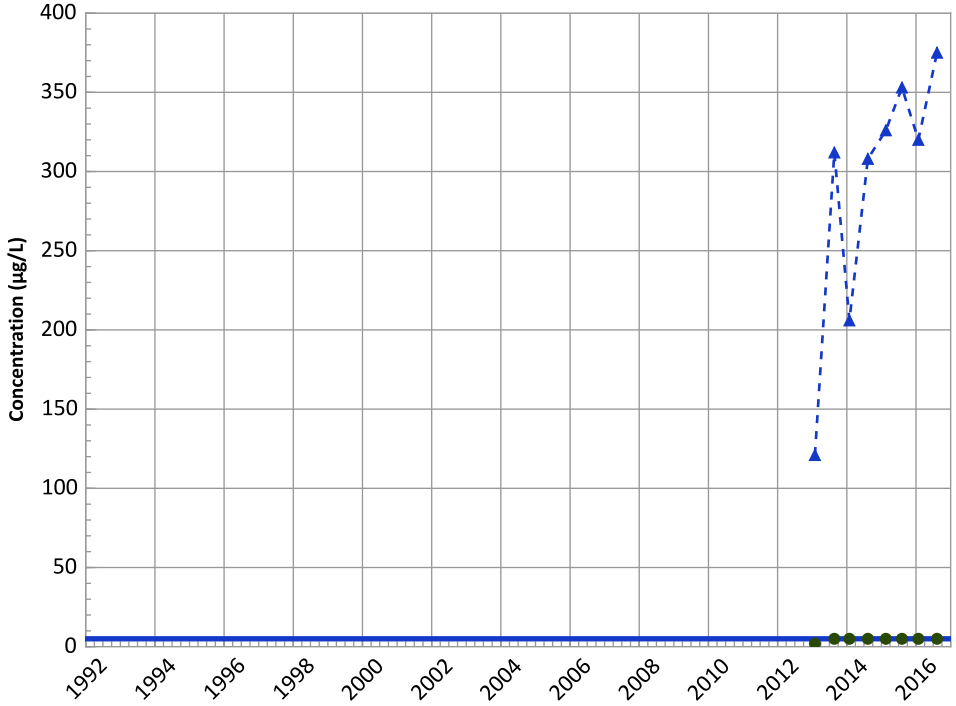


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Trichloroethene Trend



Concentration Trend

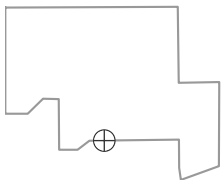
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

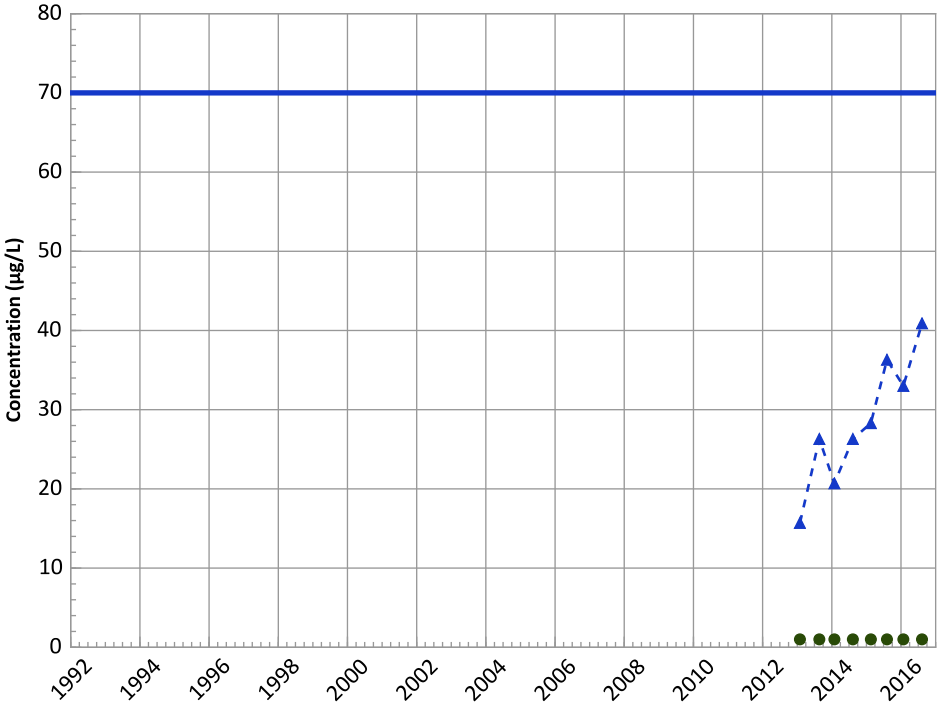
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

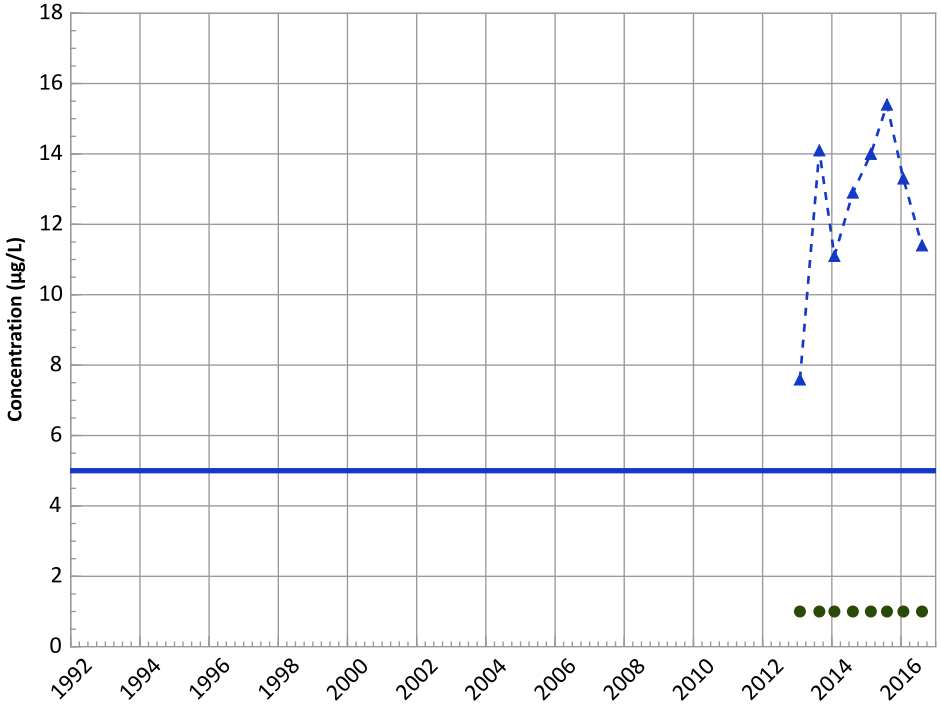


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

1,2-Dichloroethane Trend



Concentration Trend

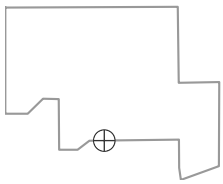
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

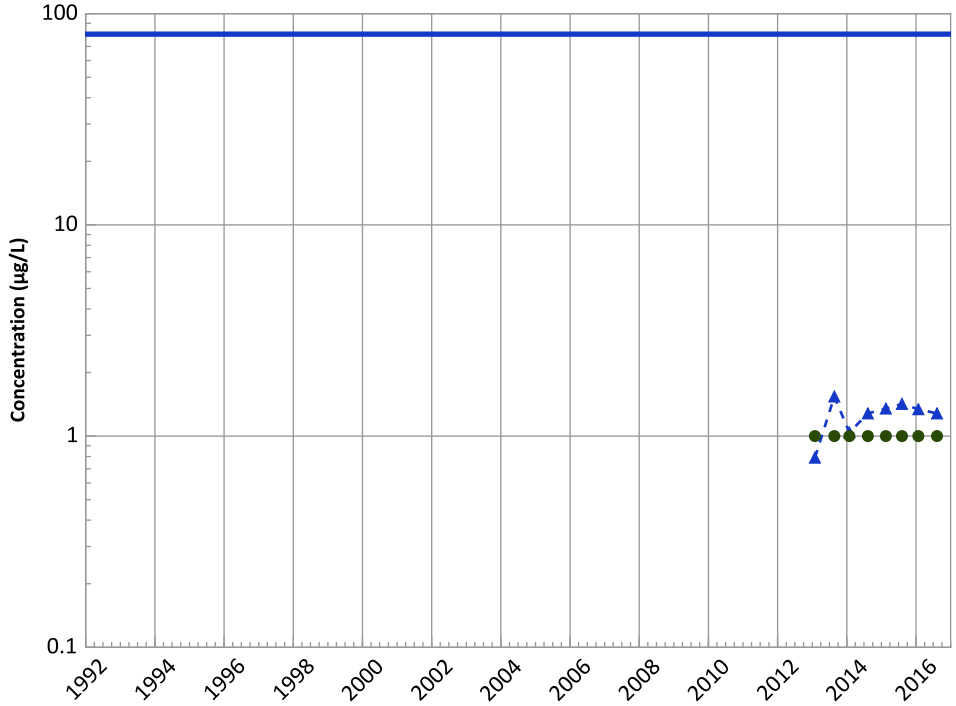
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

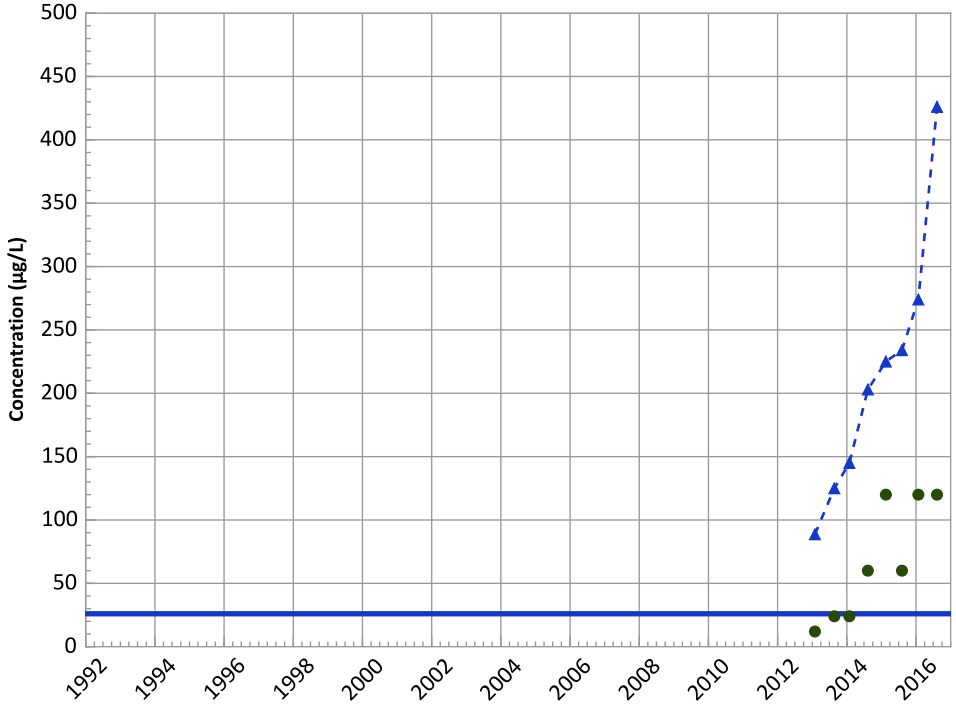


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

Perchlorate Trend



Concentration Trend

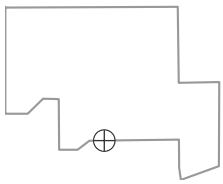
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

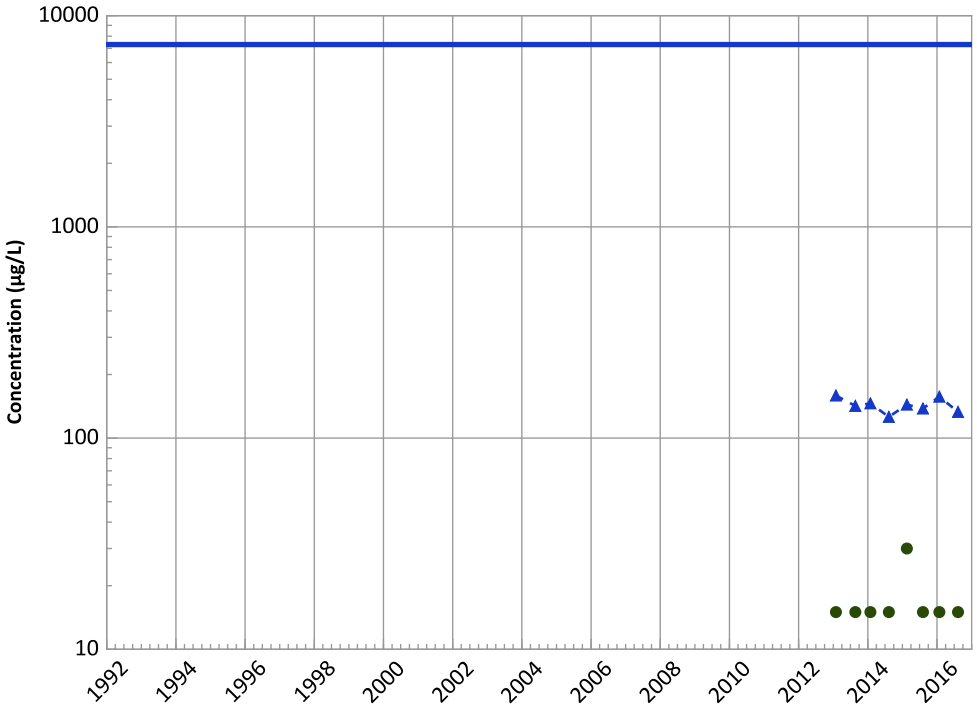
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

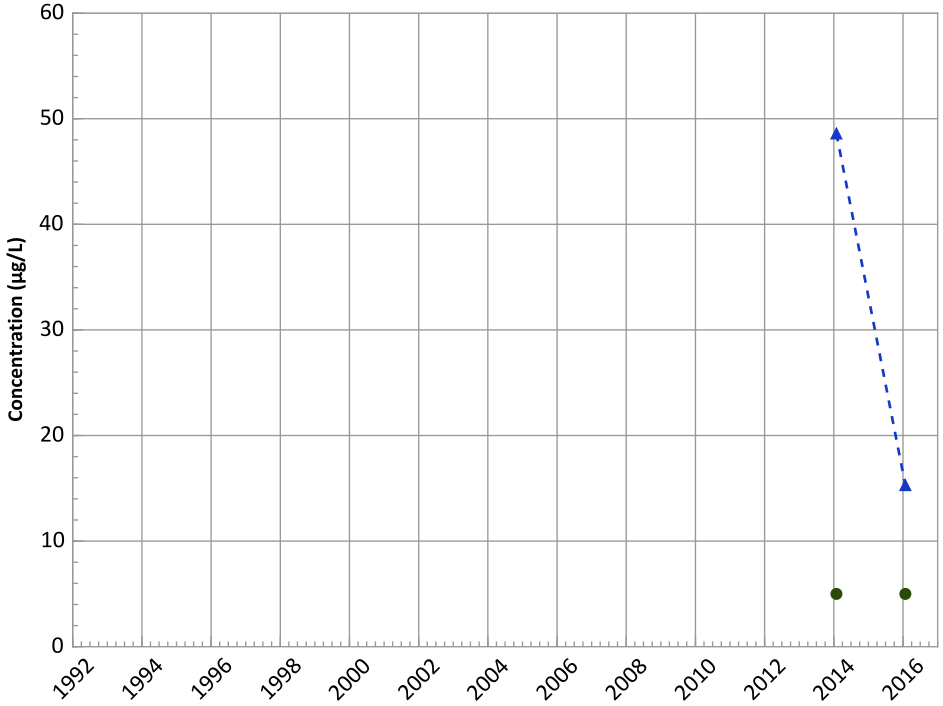


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Manganese Trend



Concentration Trend

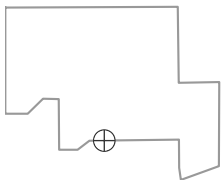
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

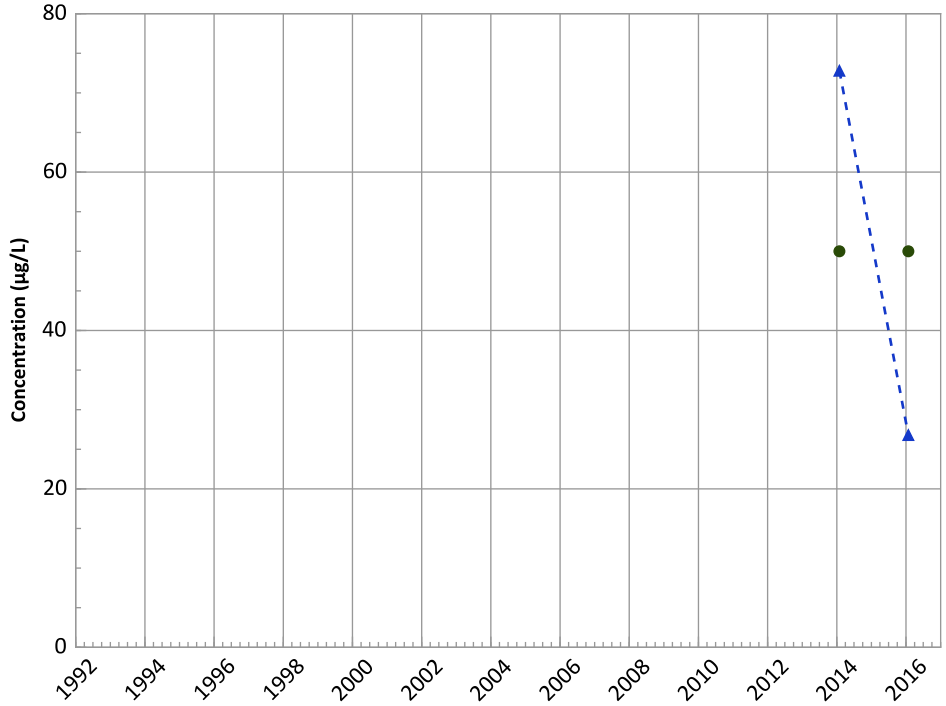
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

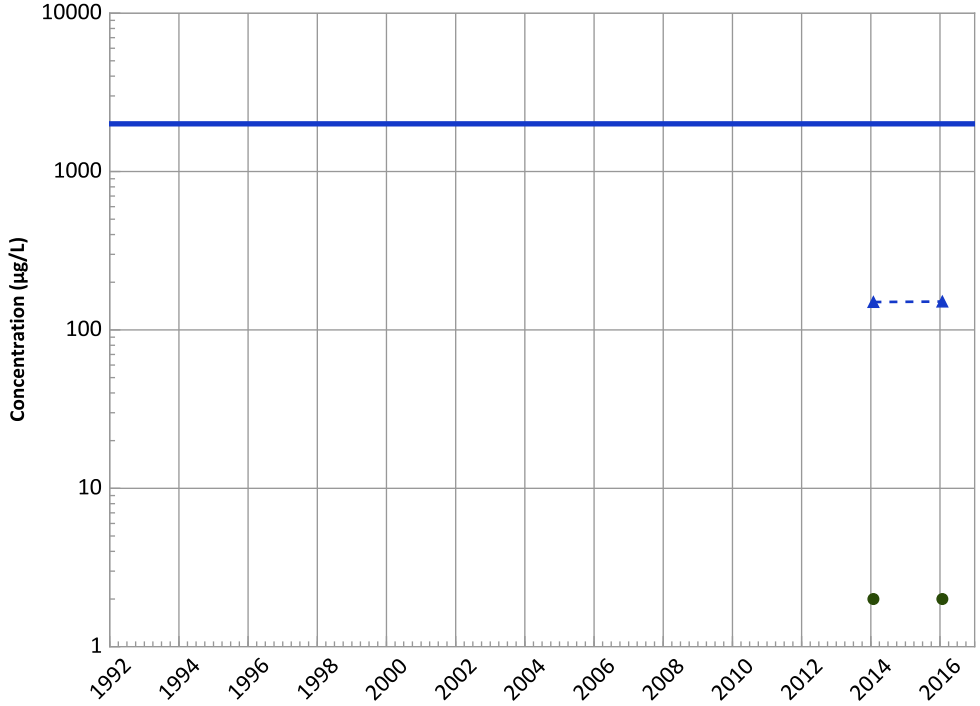


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

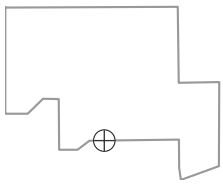
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

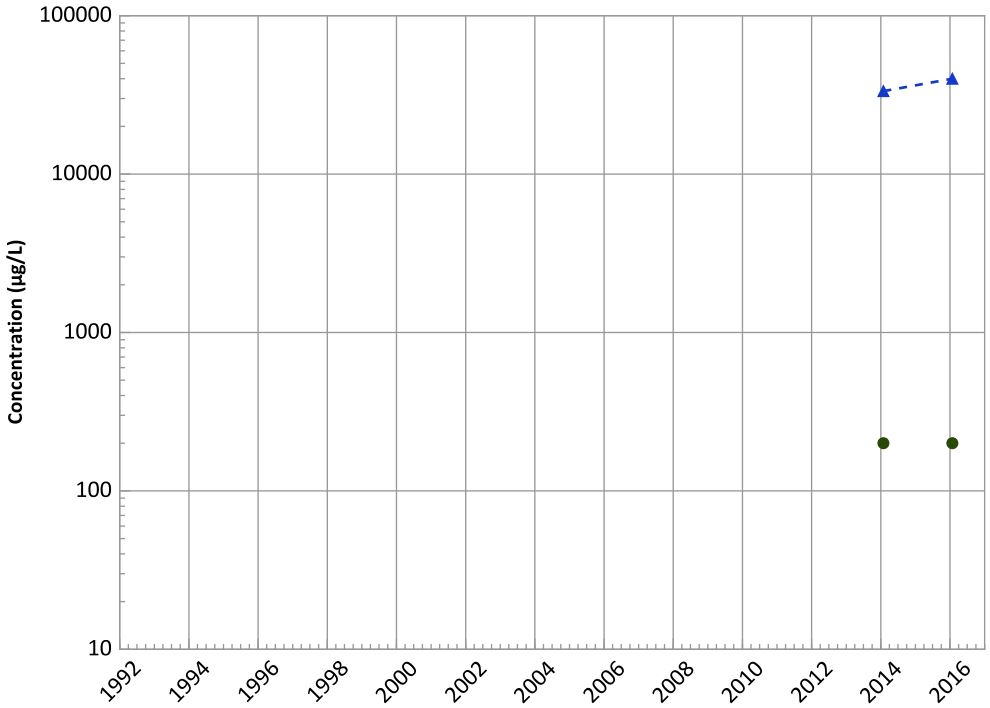
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

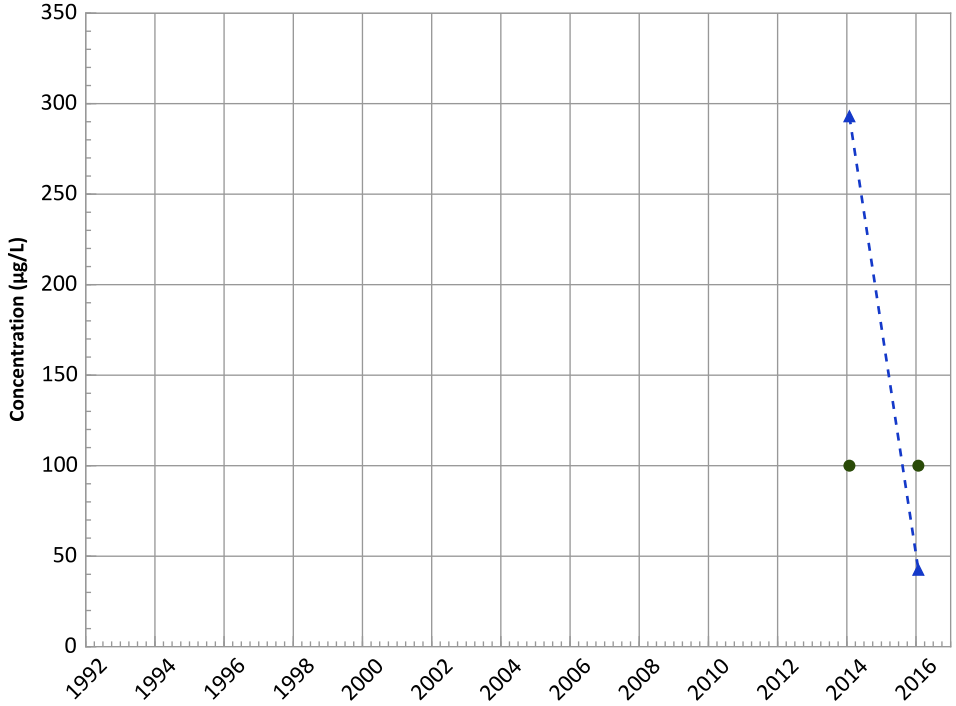


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

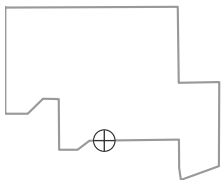
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

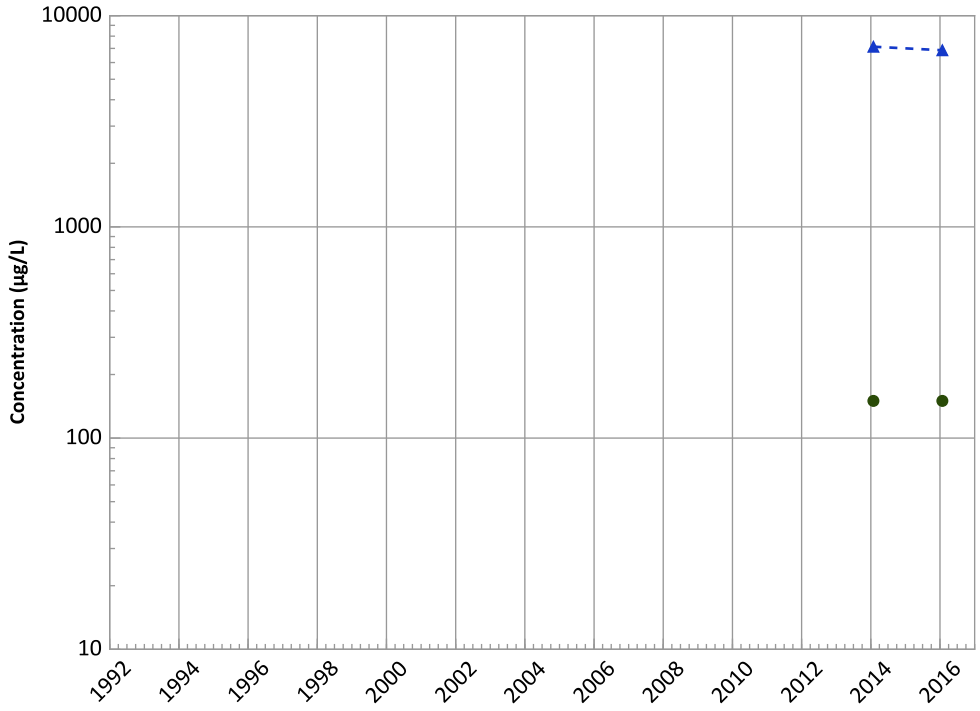
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

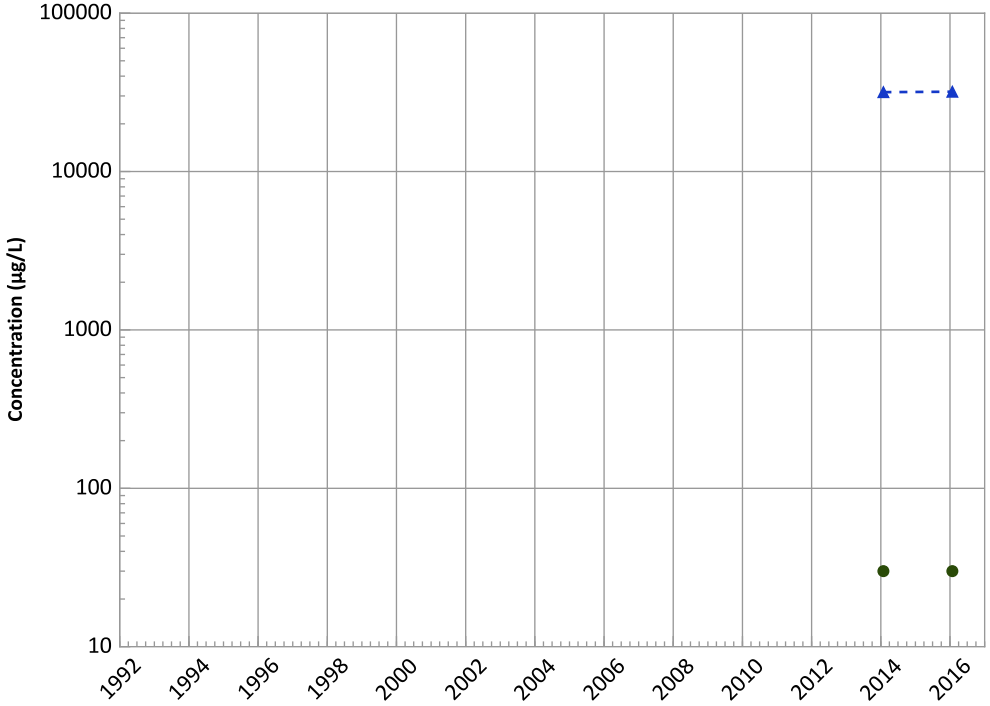


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

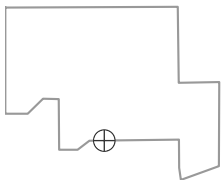
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

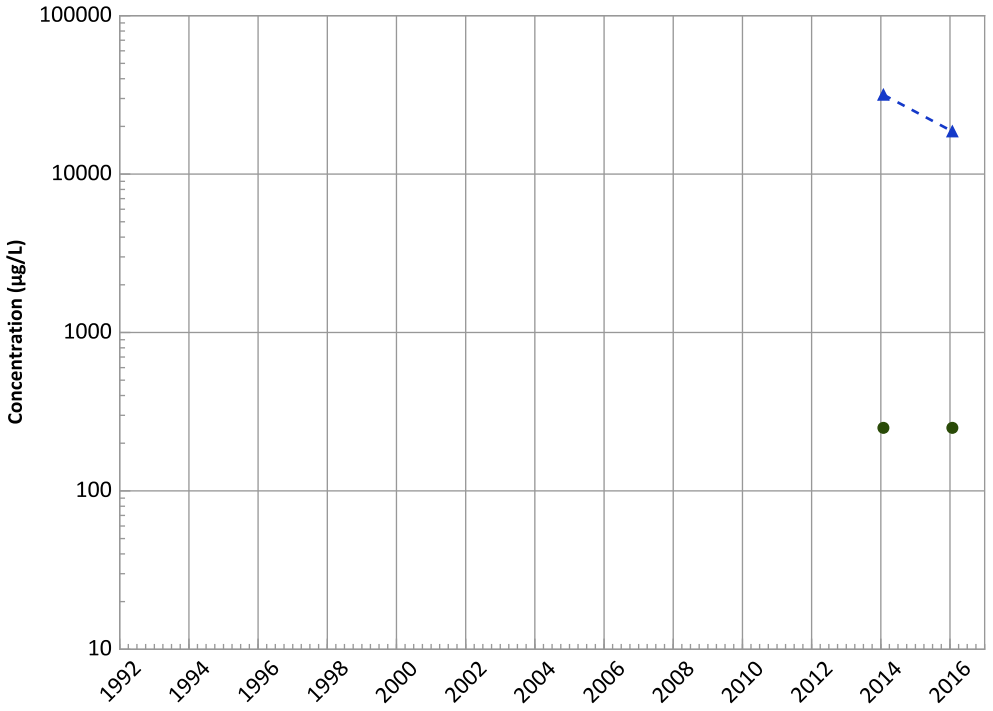
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

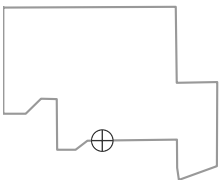
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

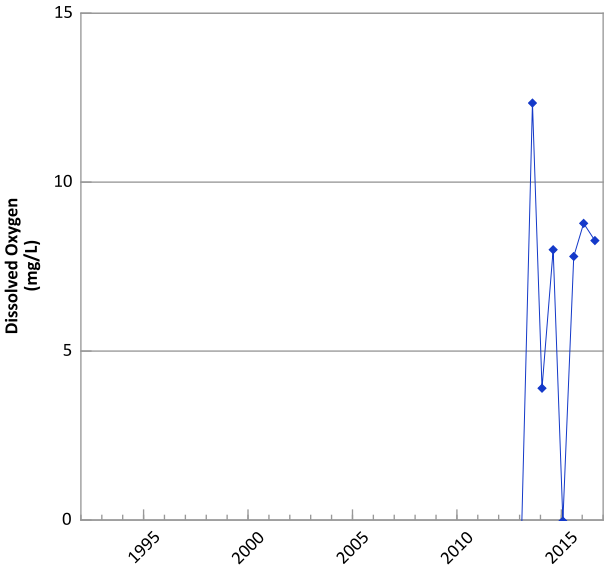
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

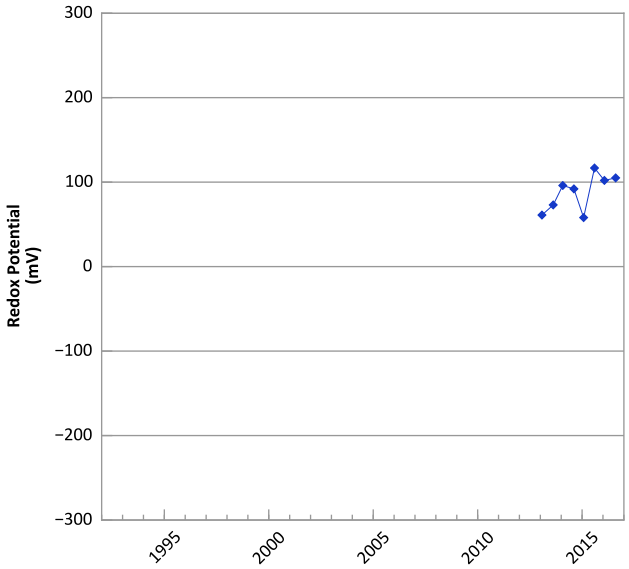
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

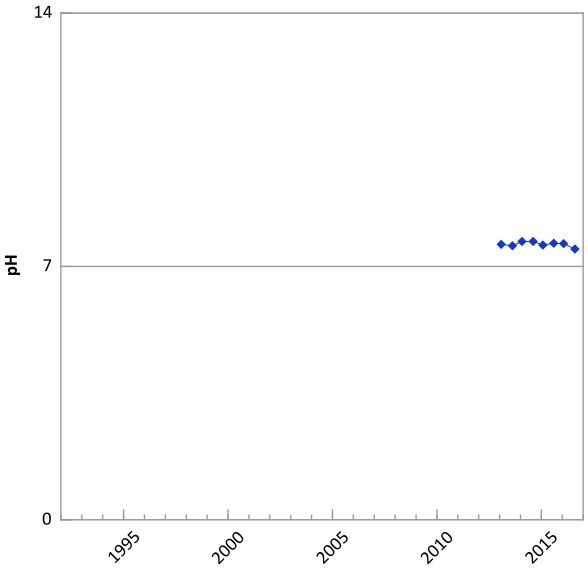
Well Location

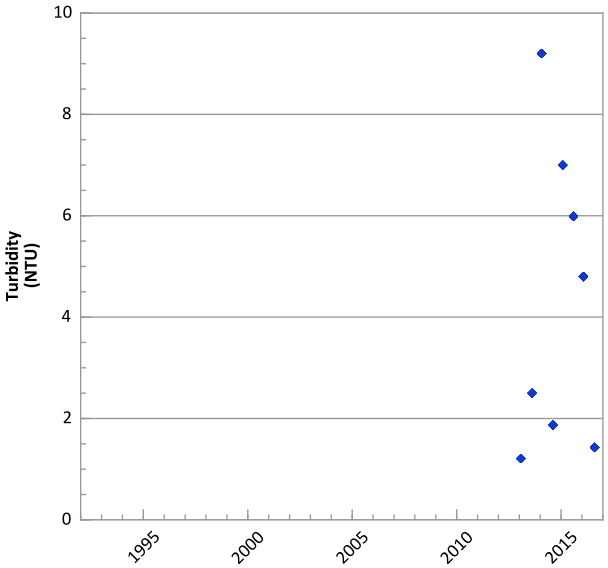


PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



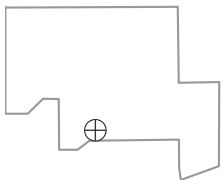






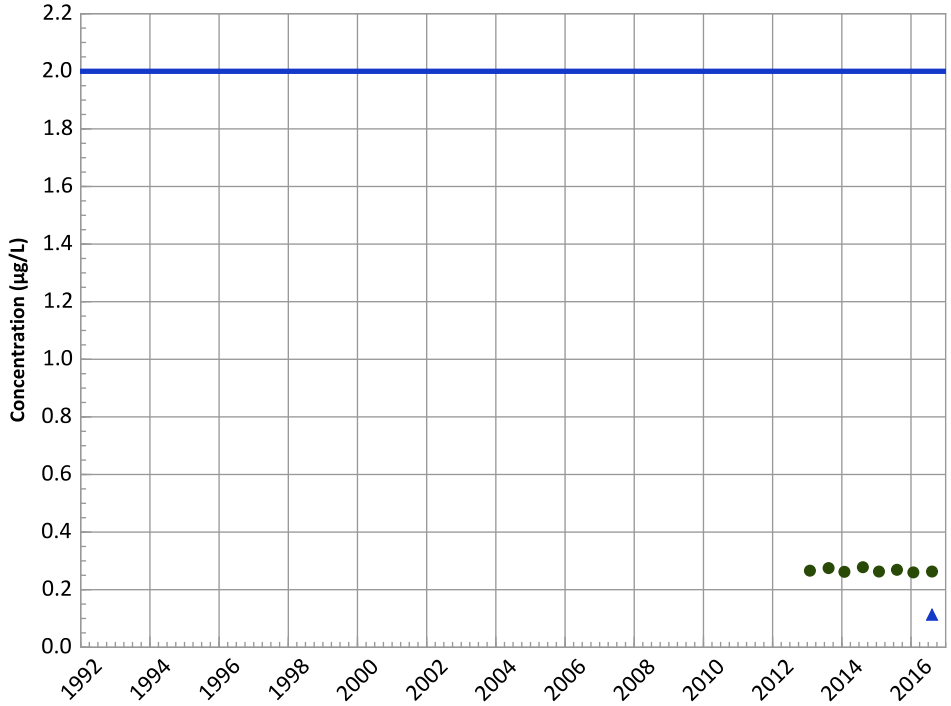
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

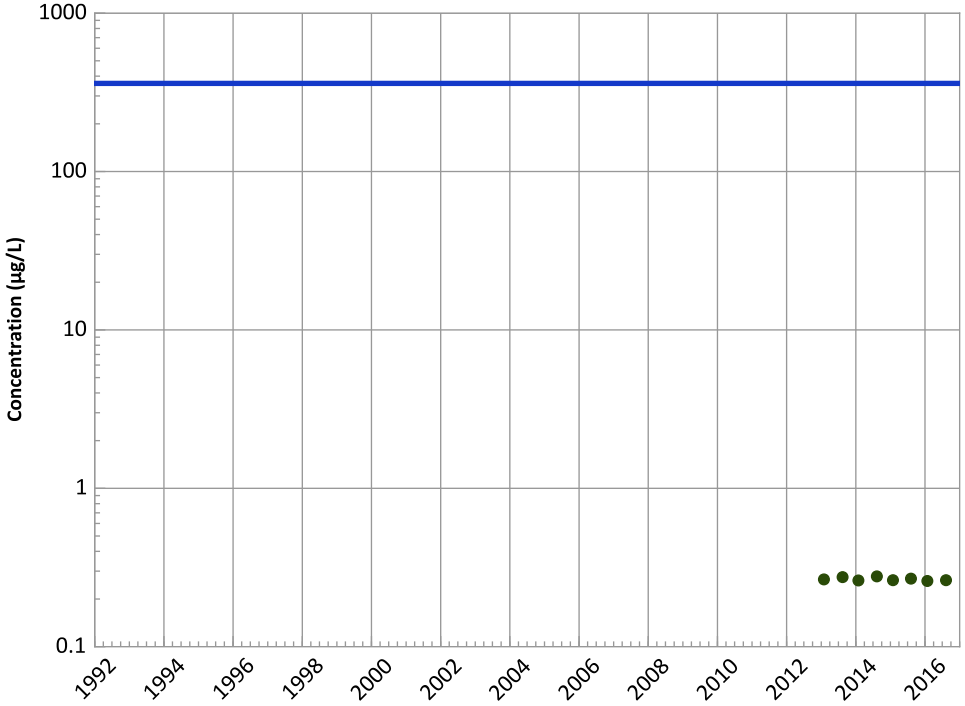


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

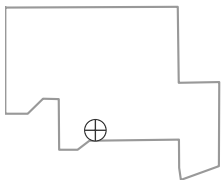
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

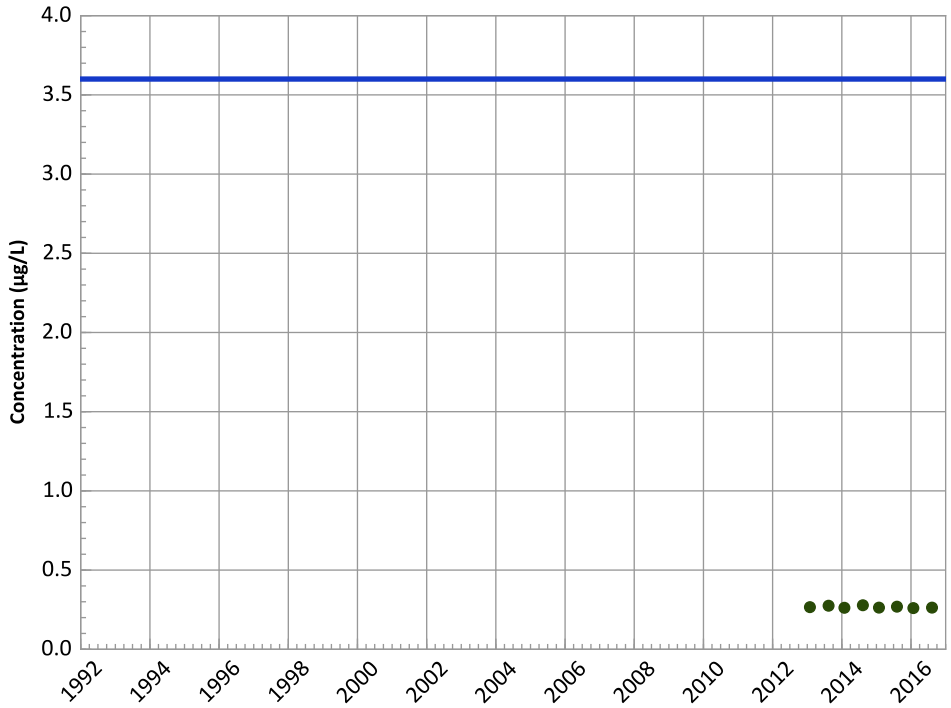
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

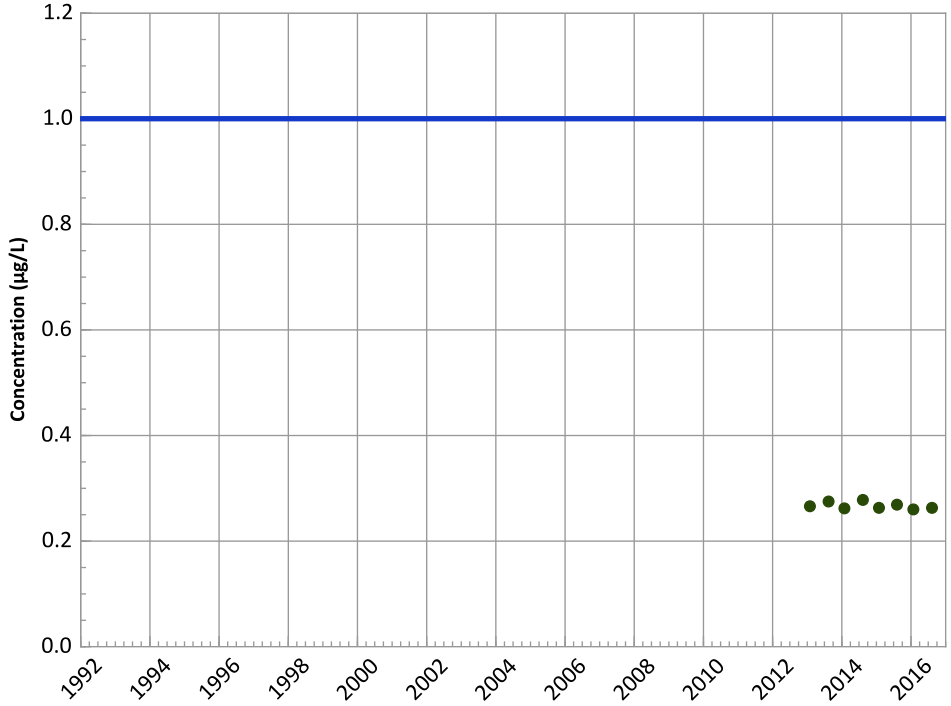


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

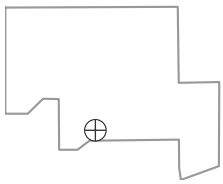
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

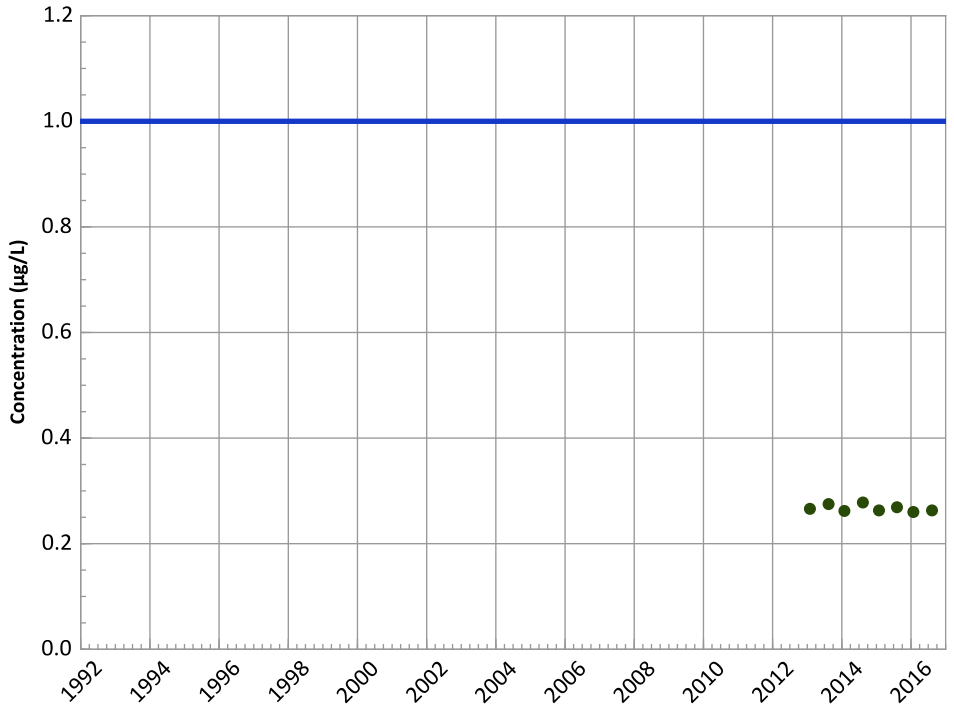
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

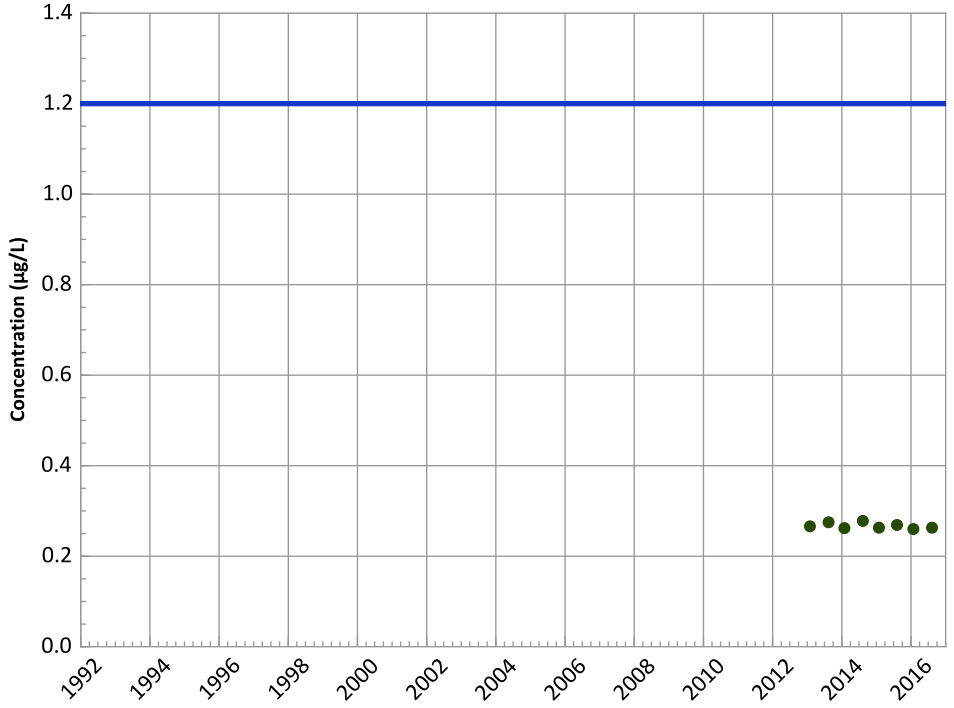


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

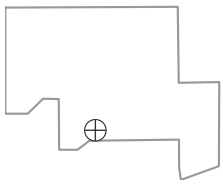
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

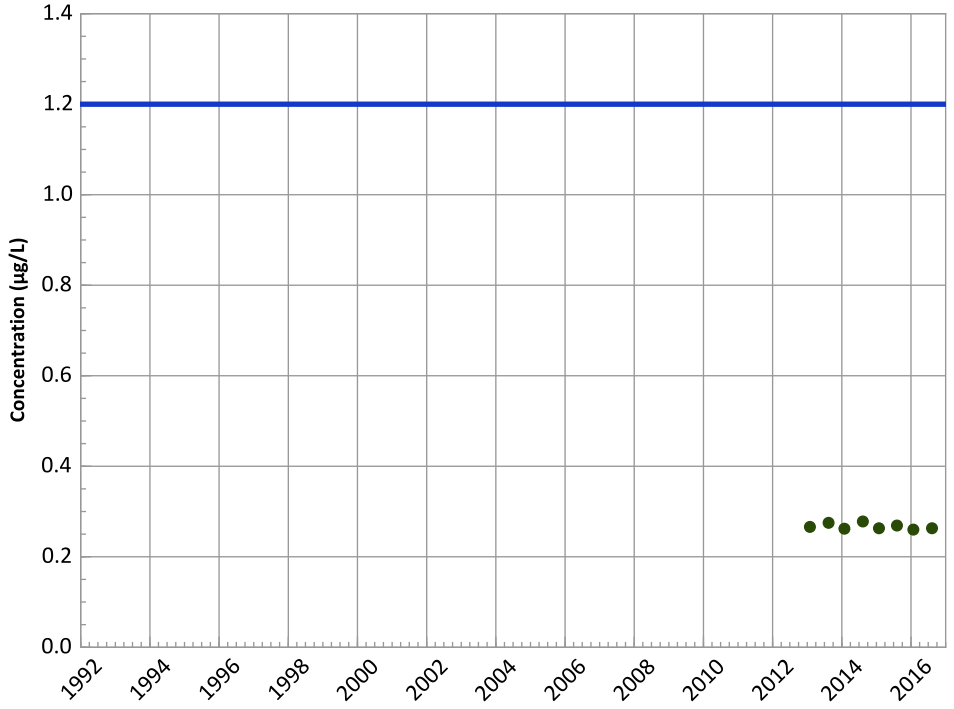
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

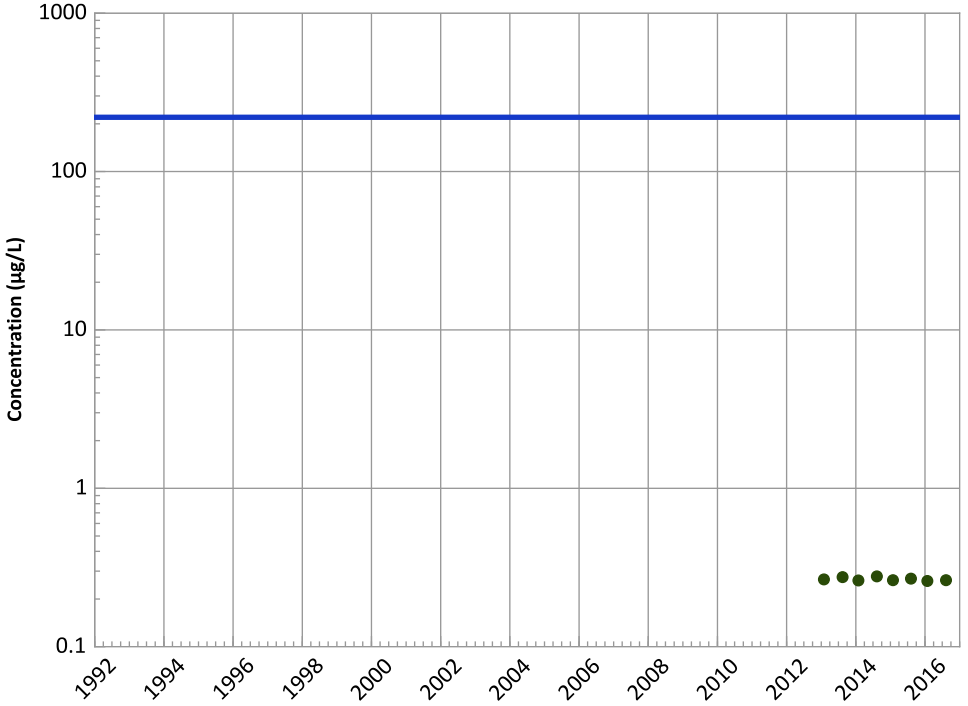


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

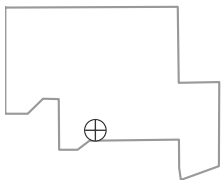
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

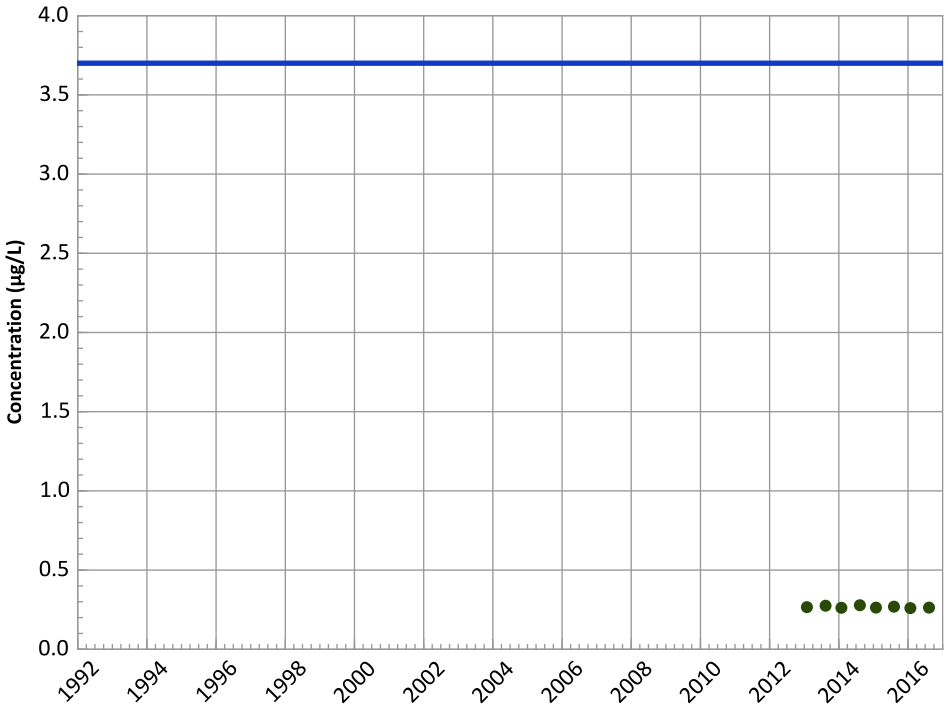
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

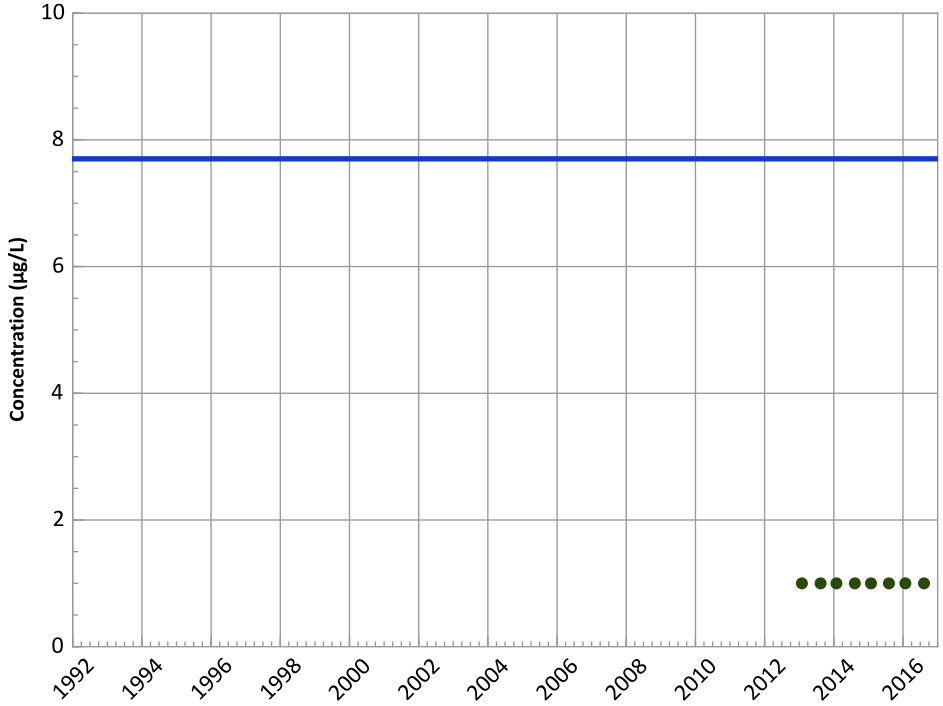


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

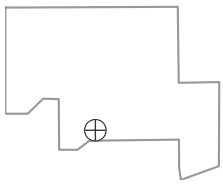
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

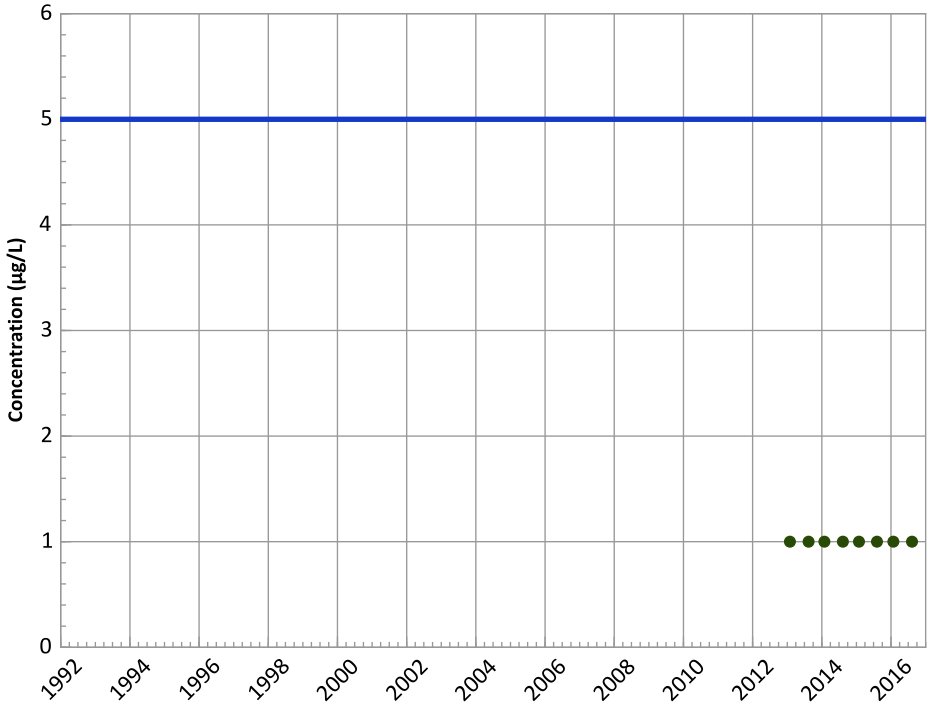
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

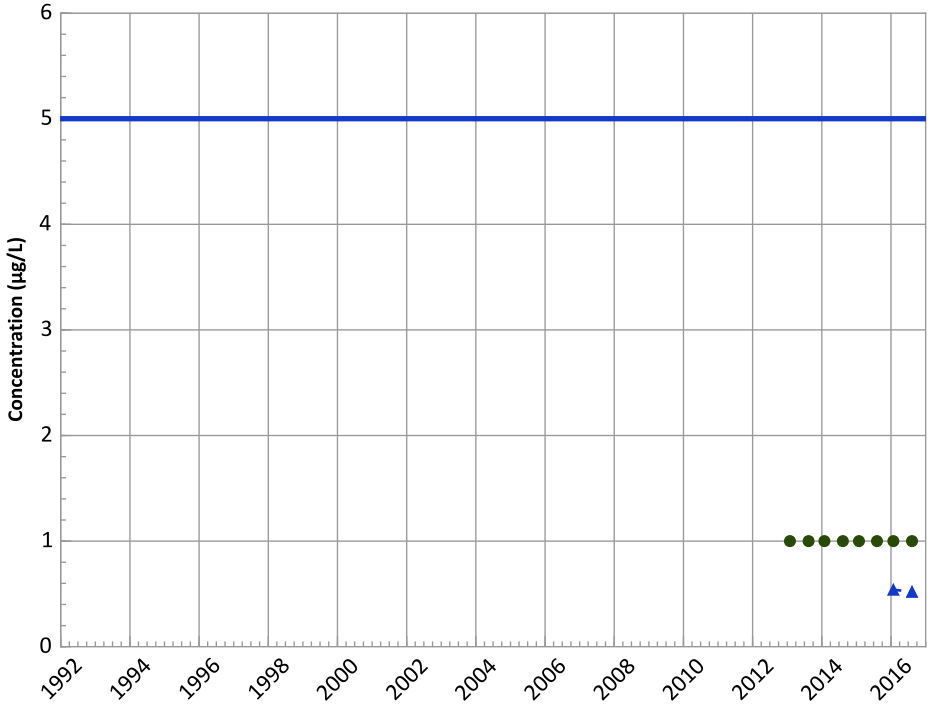


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

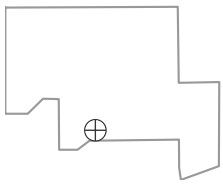
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

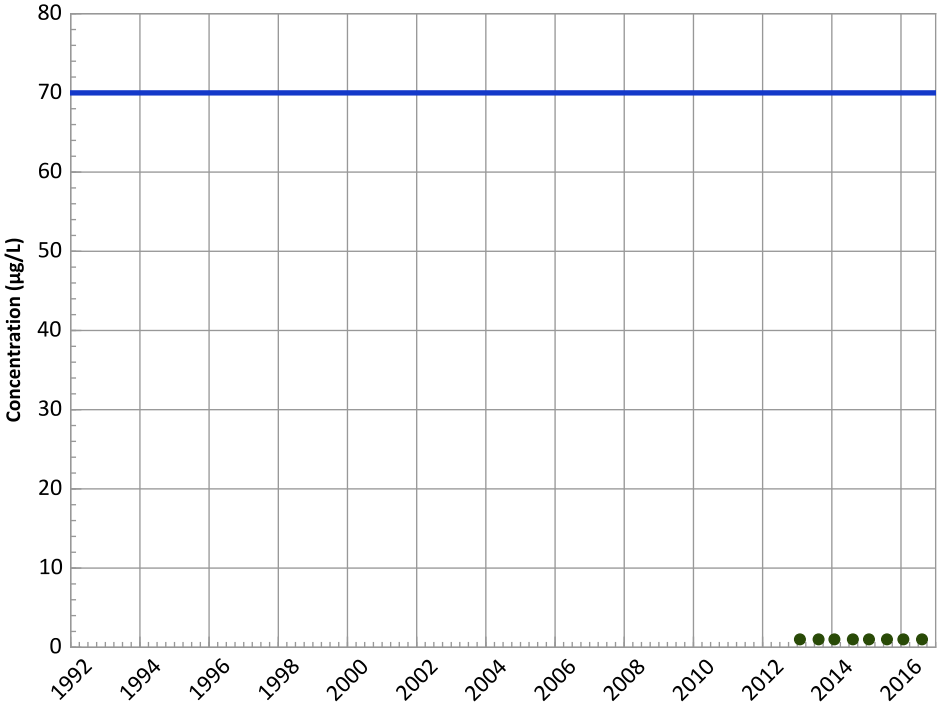
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

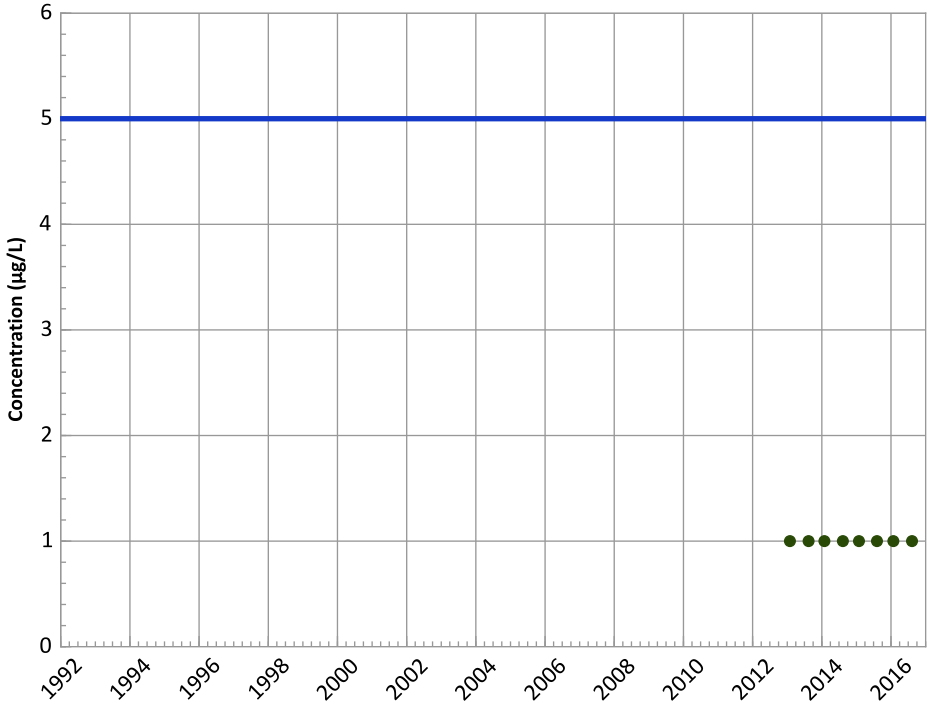


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

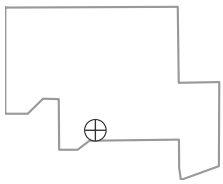
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

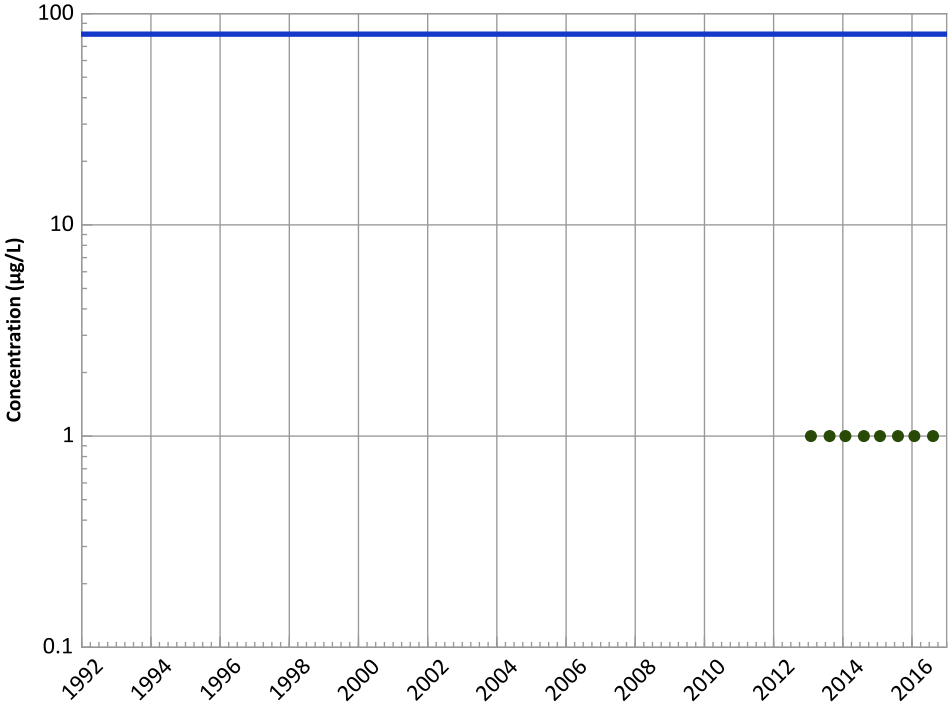
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

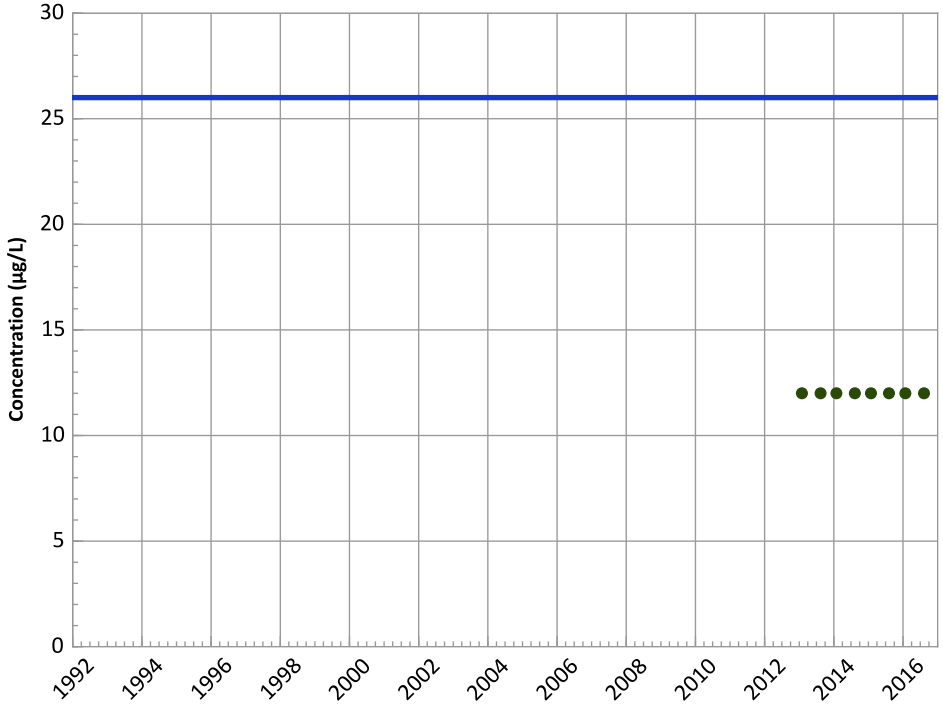


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

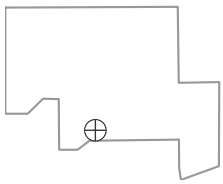
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

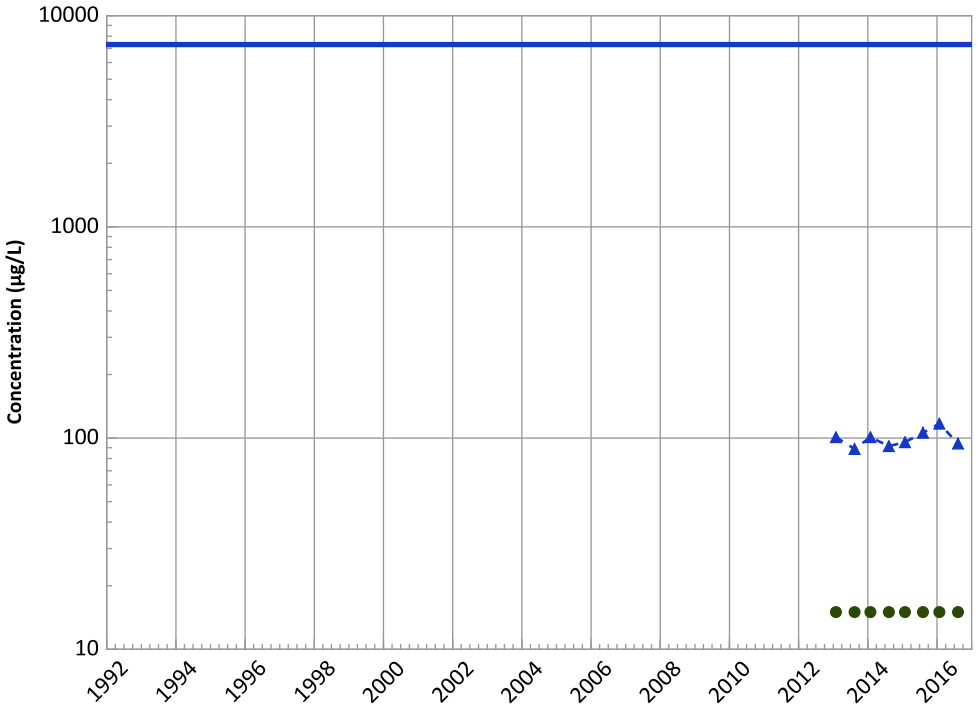
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

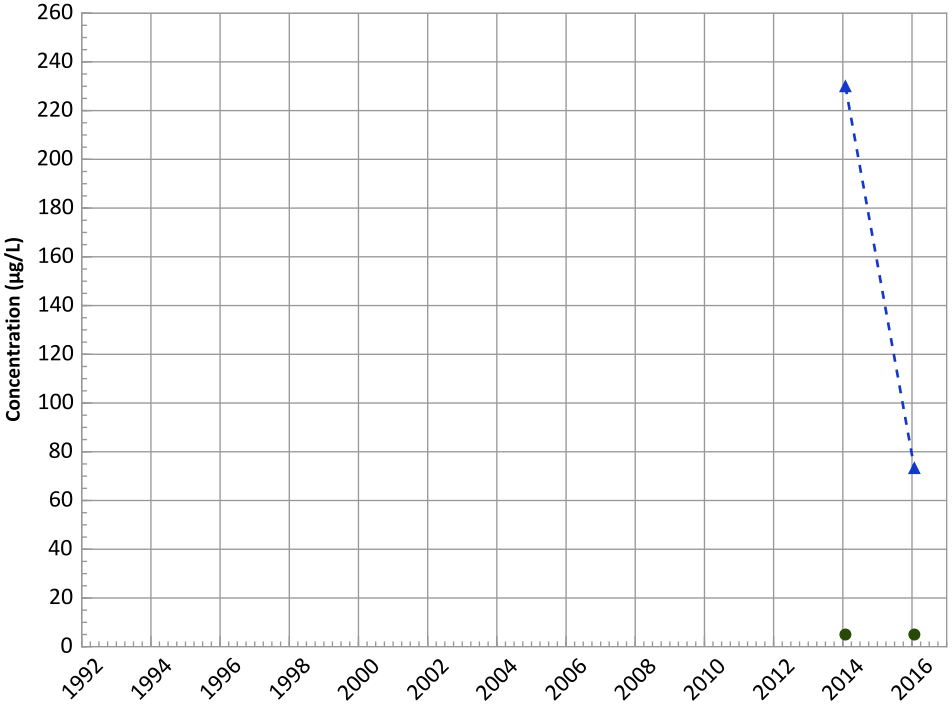


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Manganese Trend



Concentration Trend

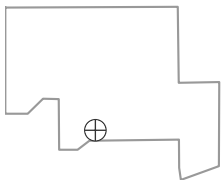
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

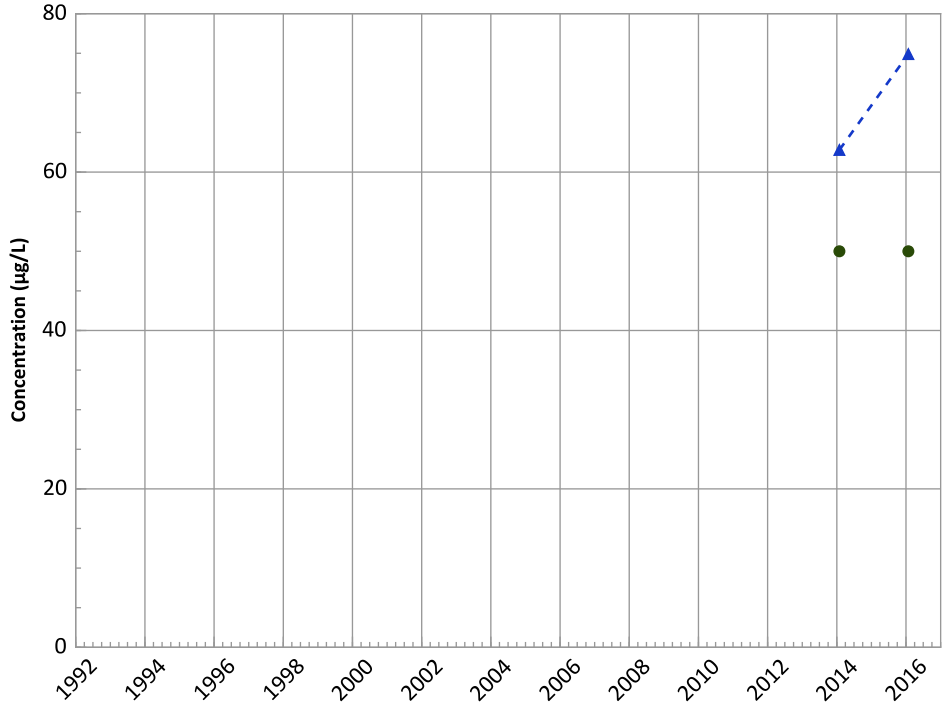
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

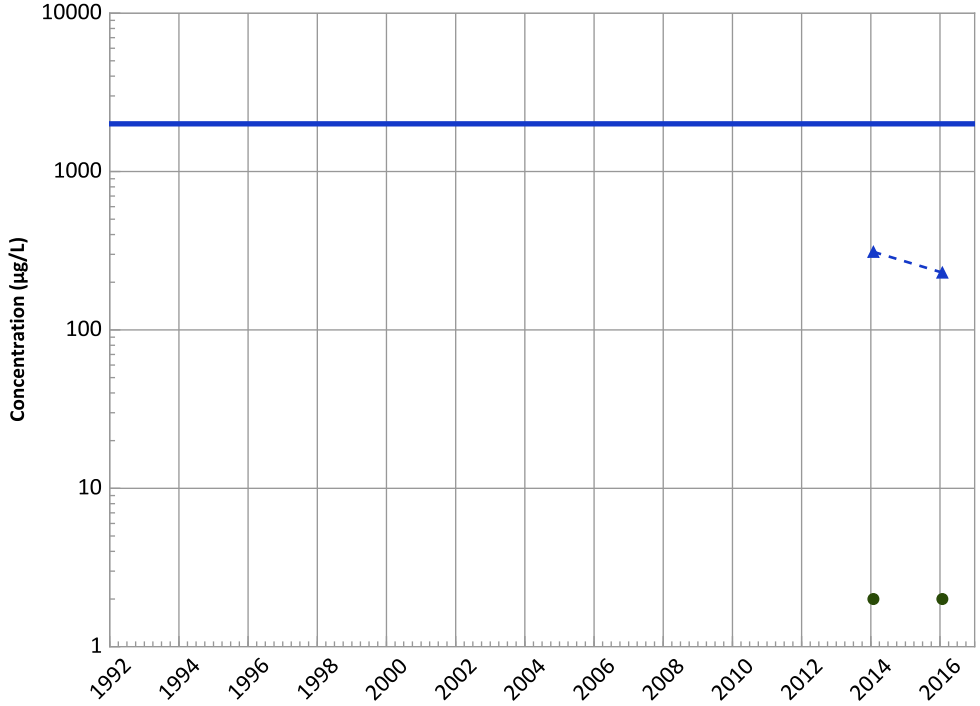


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

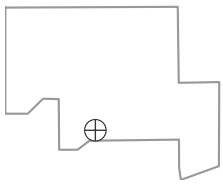
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

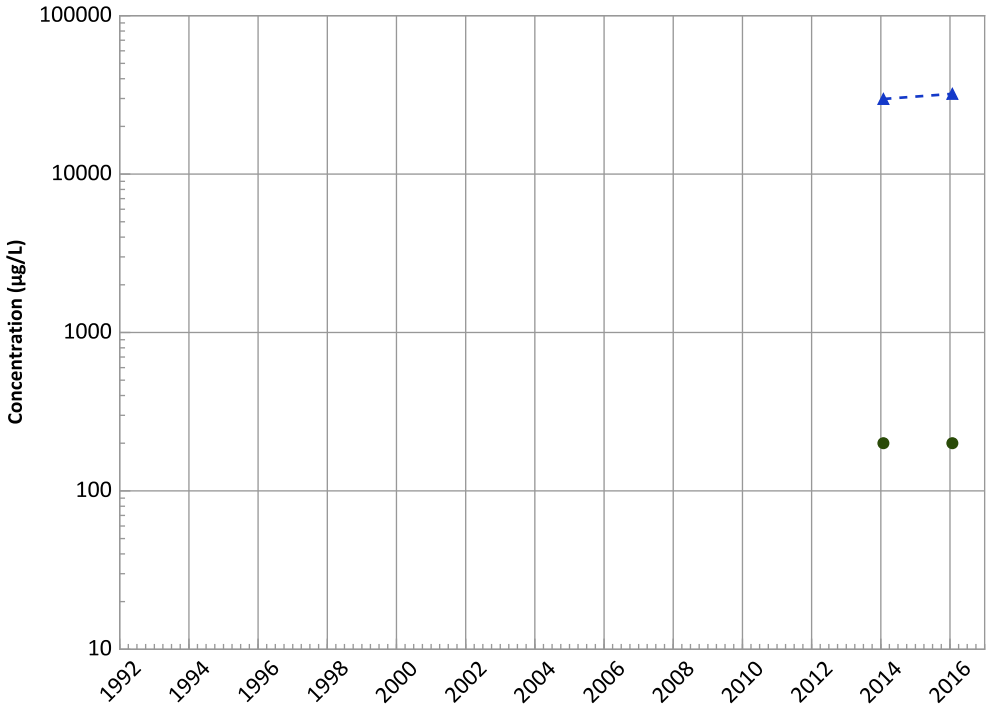
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

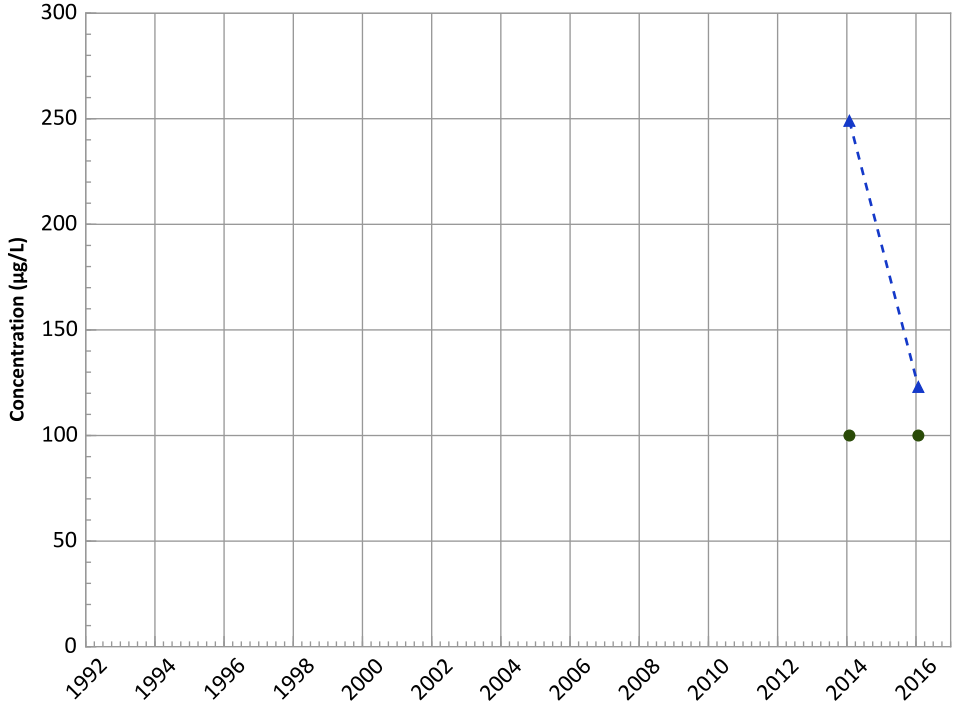


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

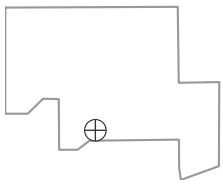
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

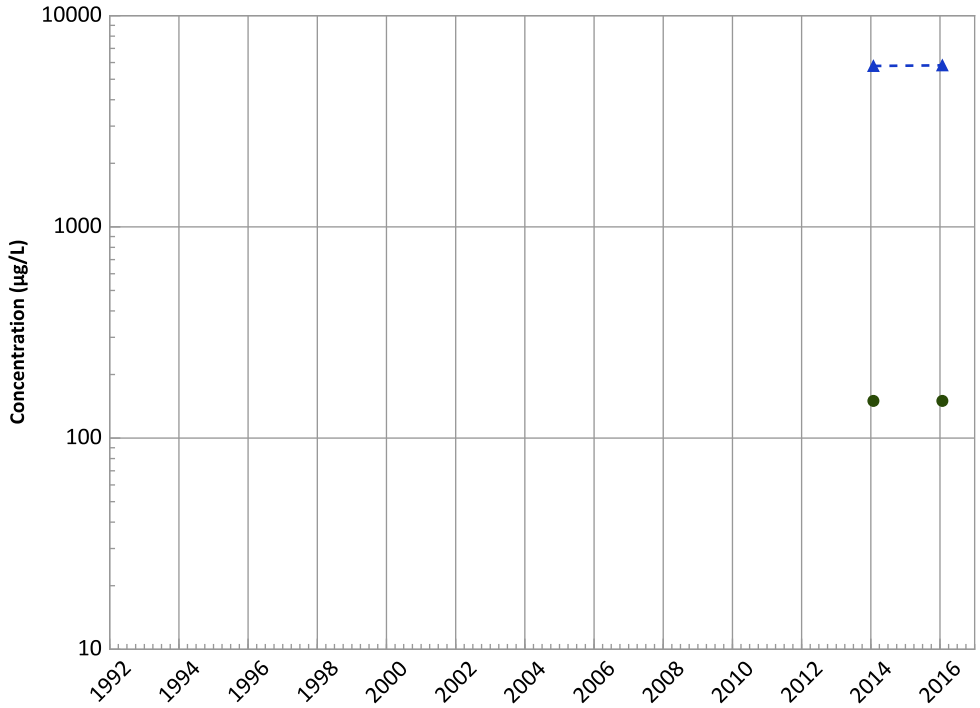
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

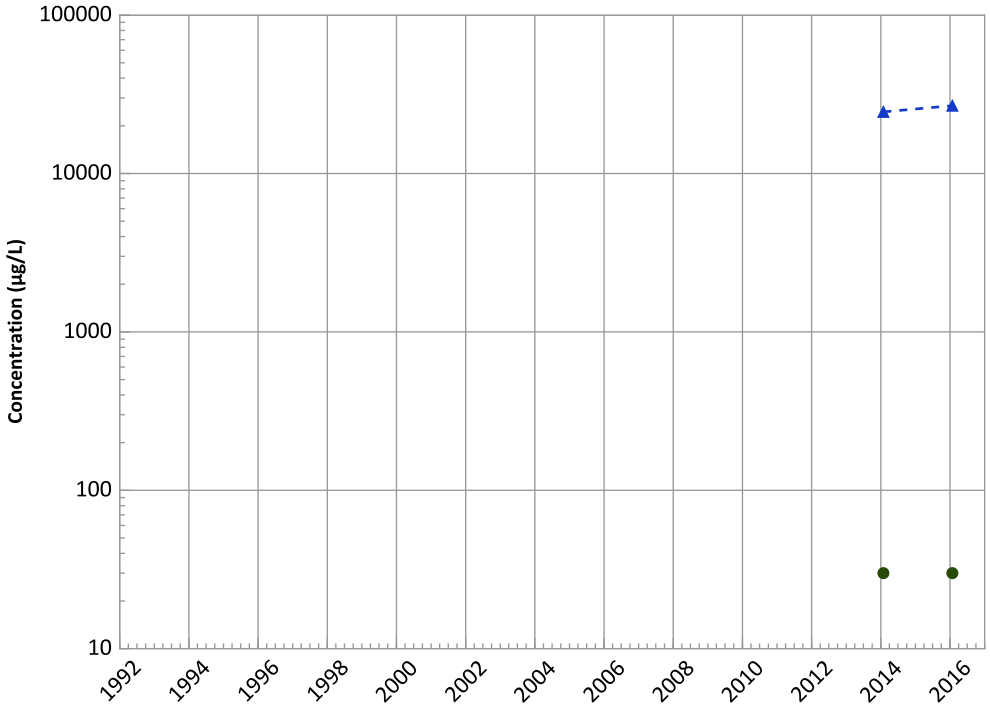


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

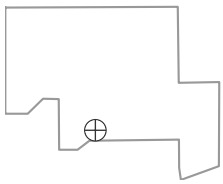
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

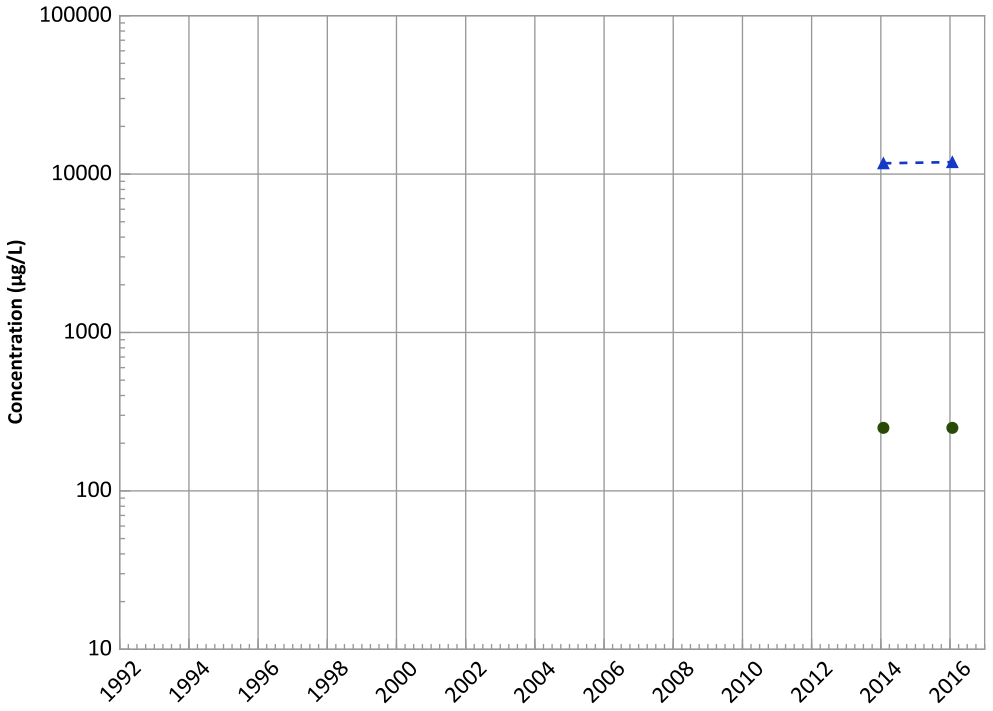
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

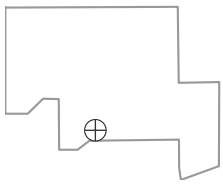
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

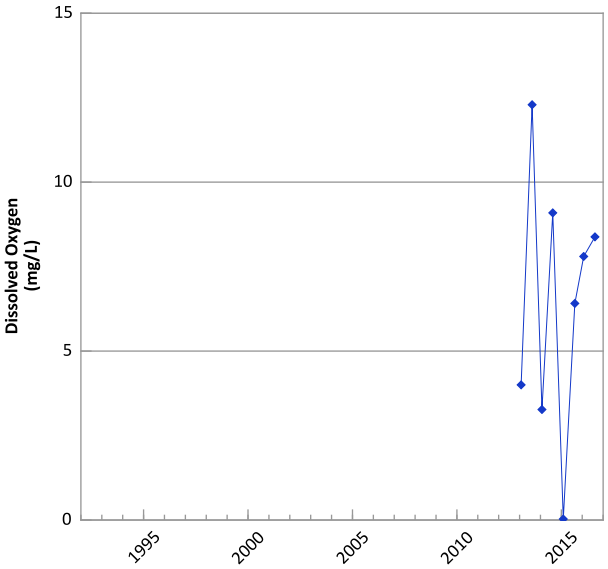
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/29/2013 to 08/10/2016
Analysis Date: 03/07/2017

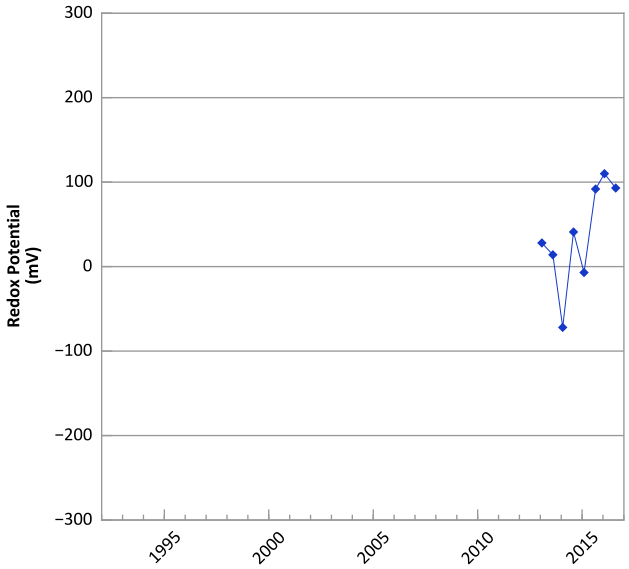
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

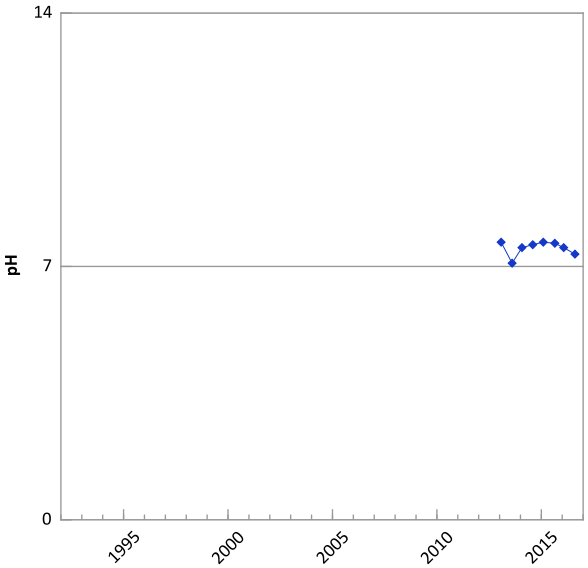
Well Location

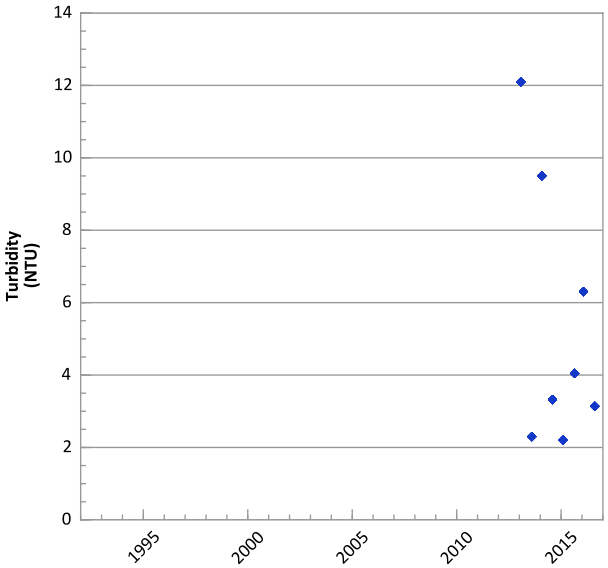


PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



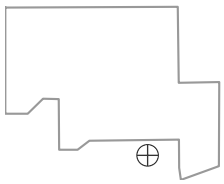






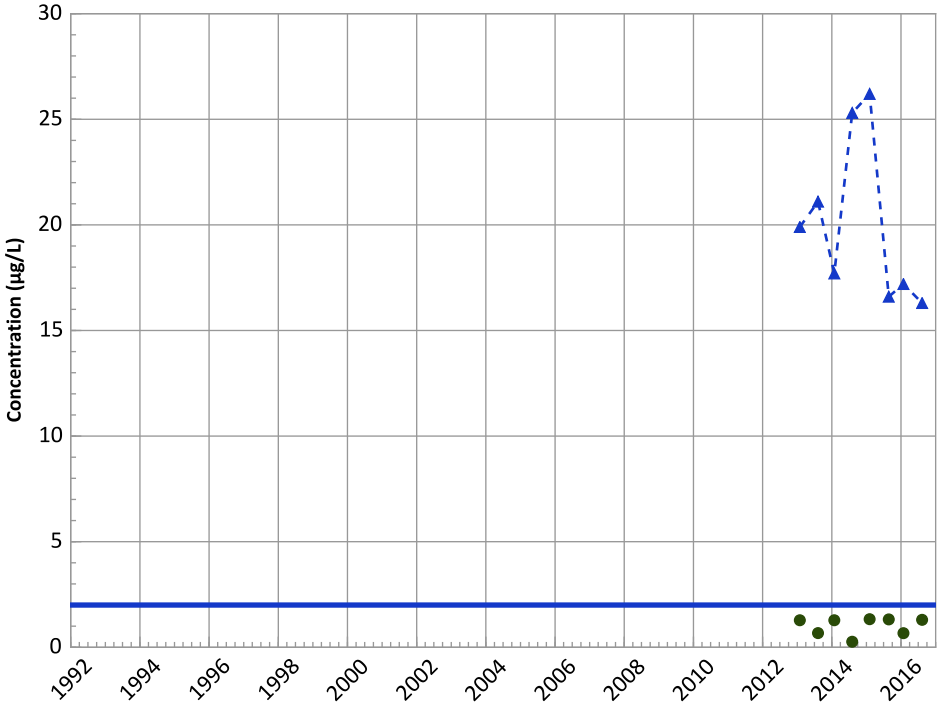
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2013 to 08/11/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

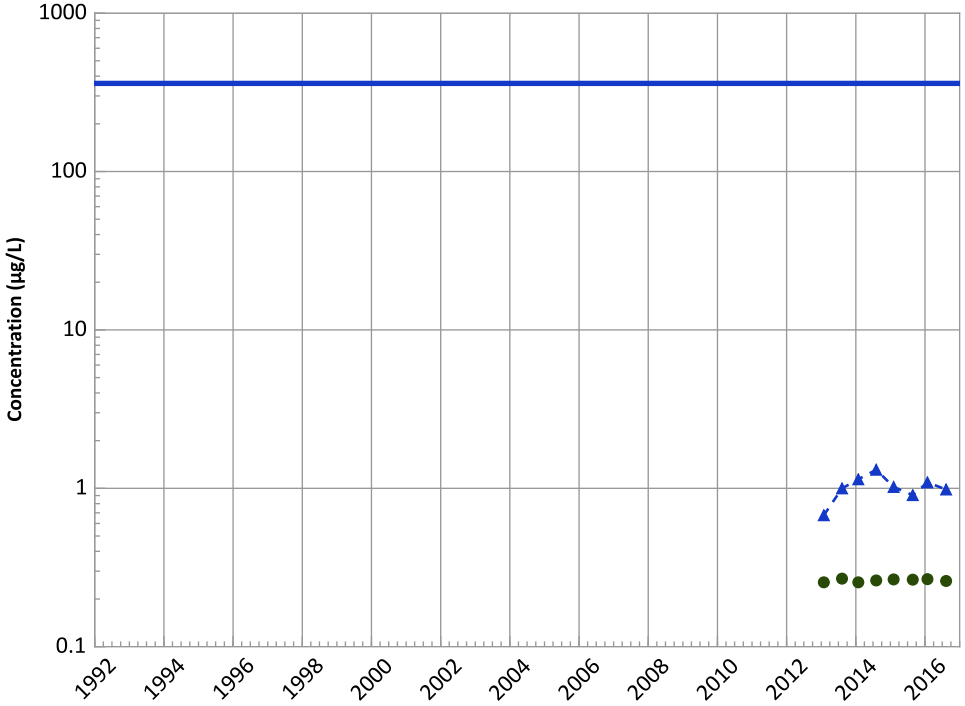


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

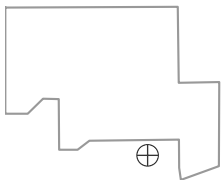
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2013 to 08/11/2016
Analysis Date: 03/07/2017

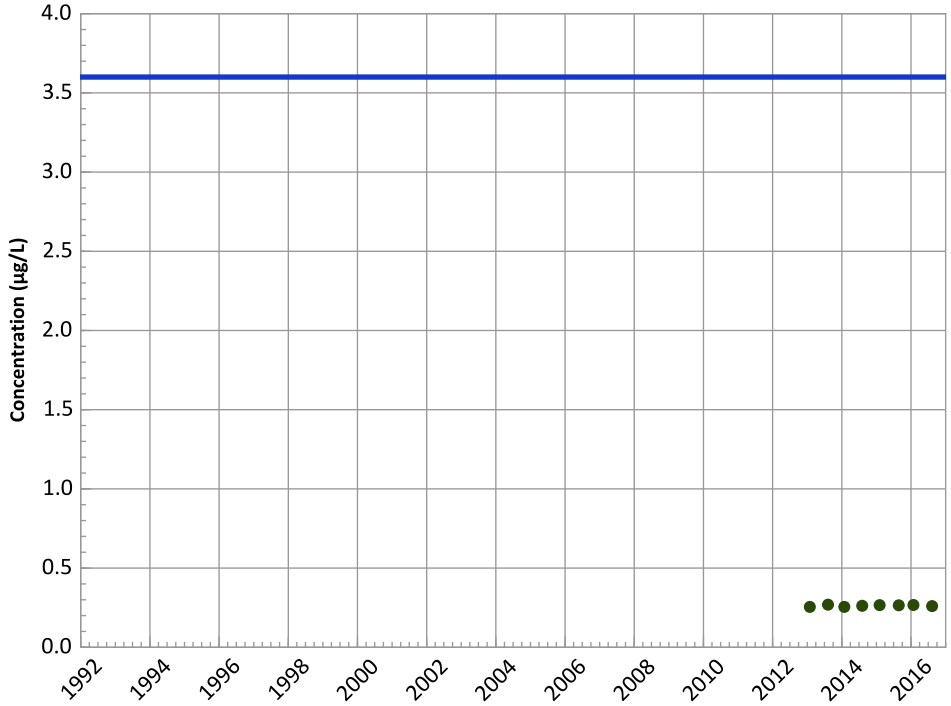
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

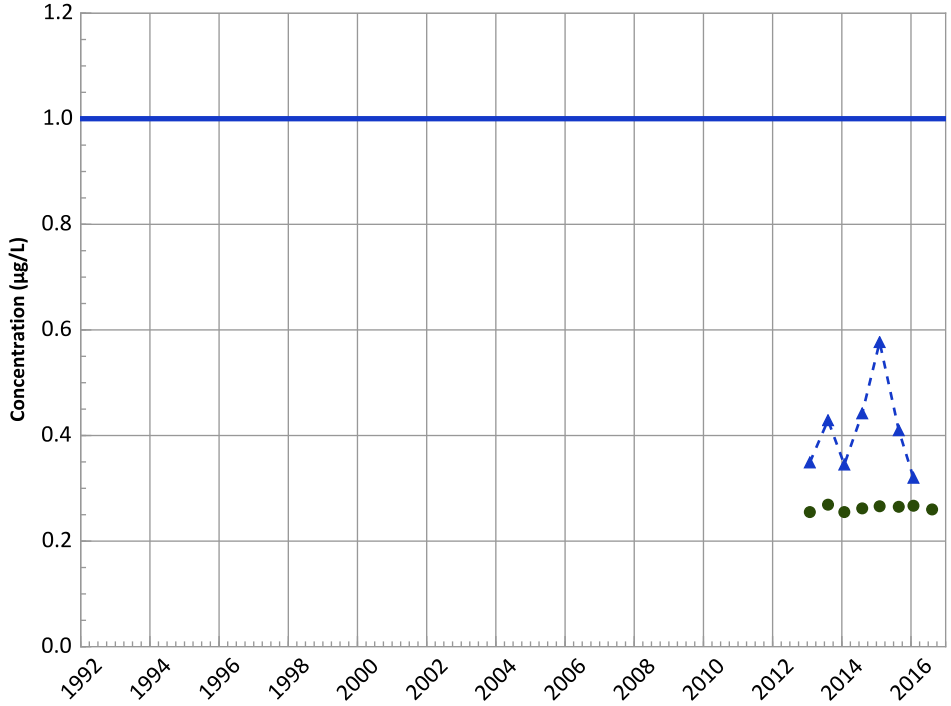


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

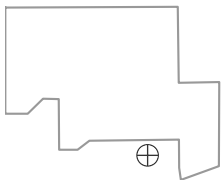
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2013 to 08/11/2016
Analysis Date: 03/07/2017

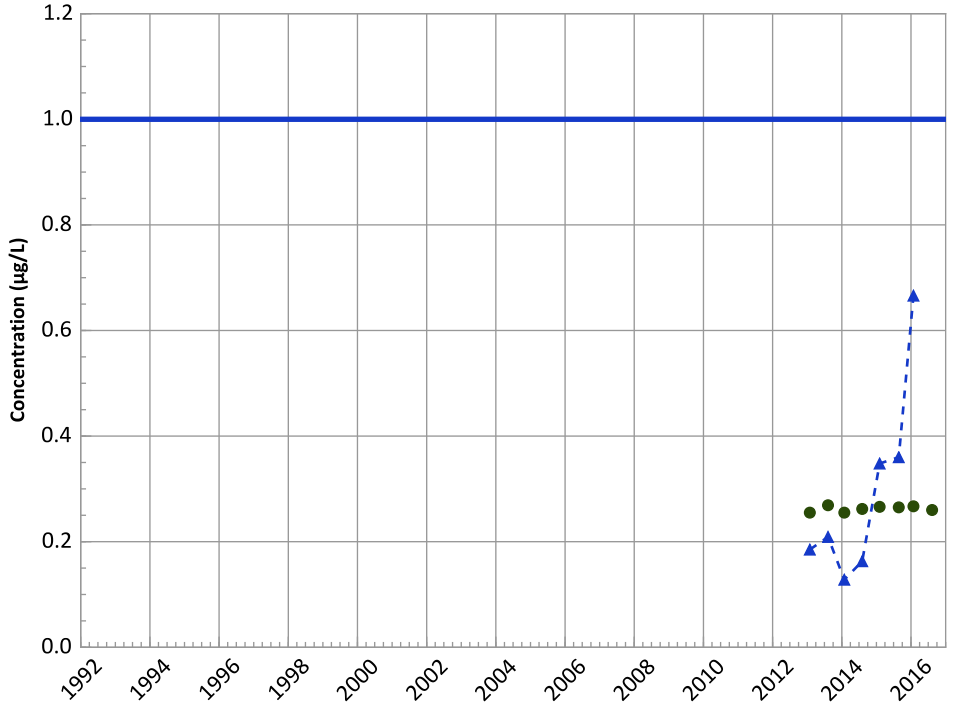
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

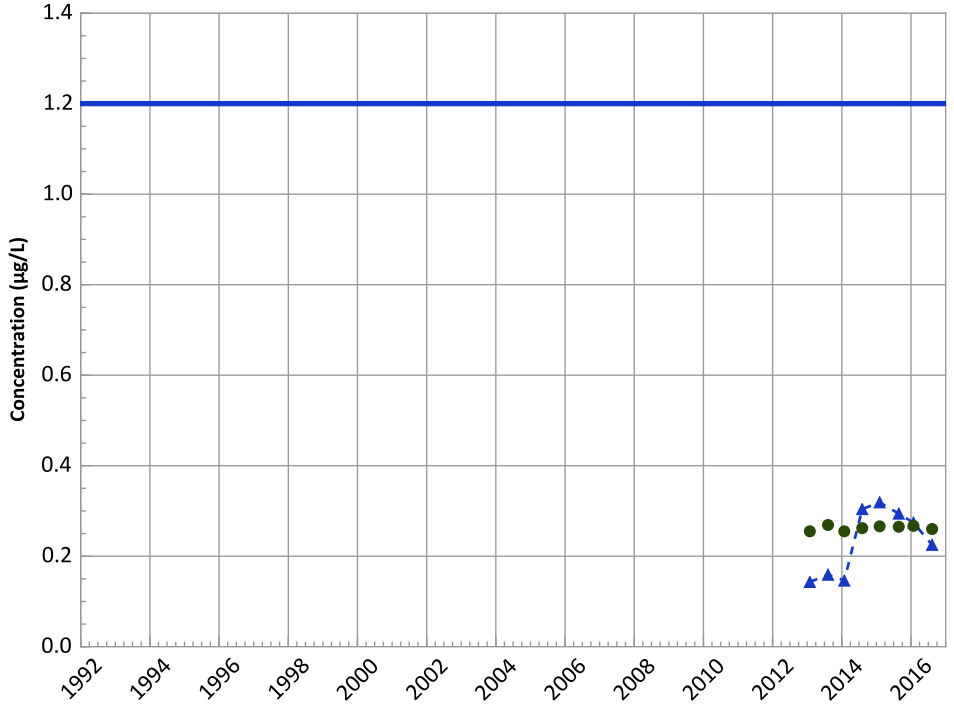


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

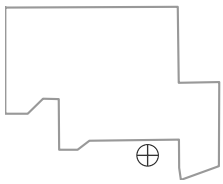
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2013 to 08/11/2016
Analysis Date: 03/07/2017

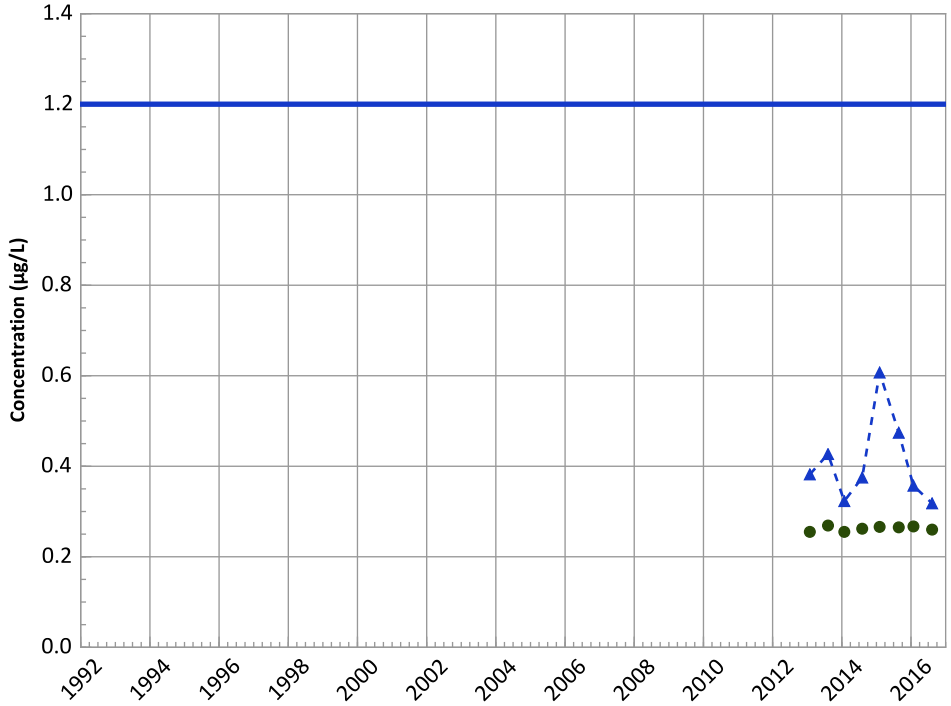
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

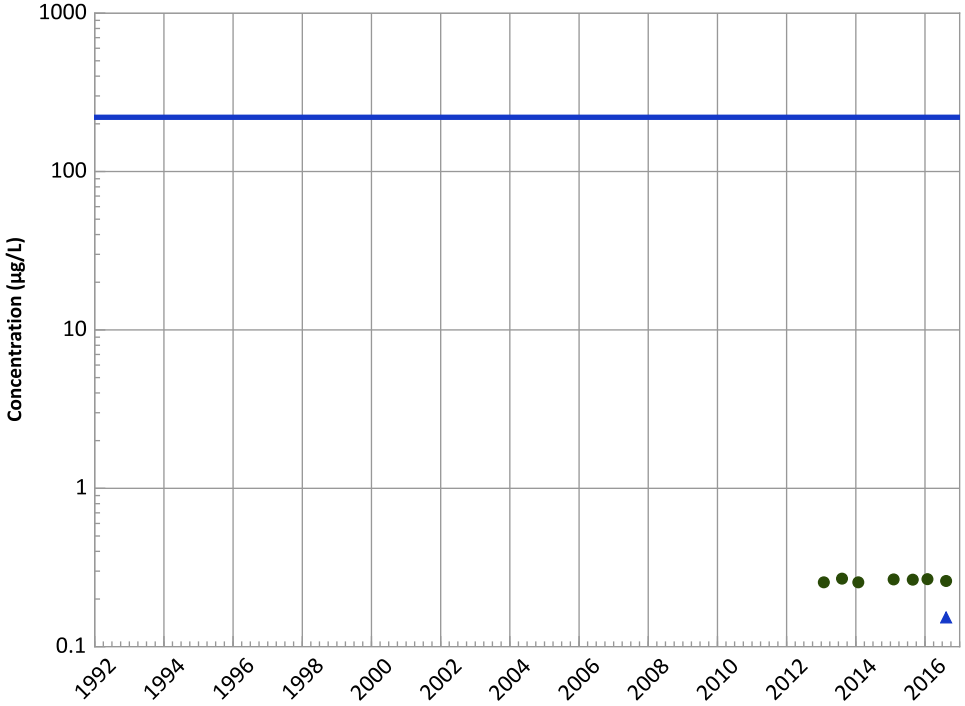


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

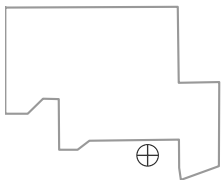
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2013 to 08/11/2016
Analysis Date: 03/07/2017

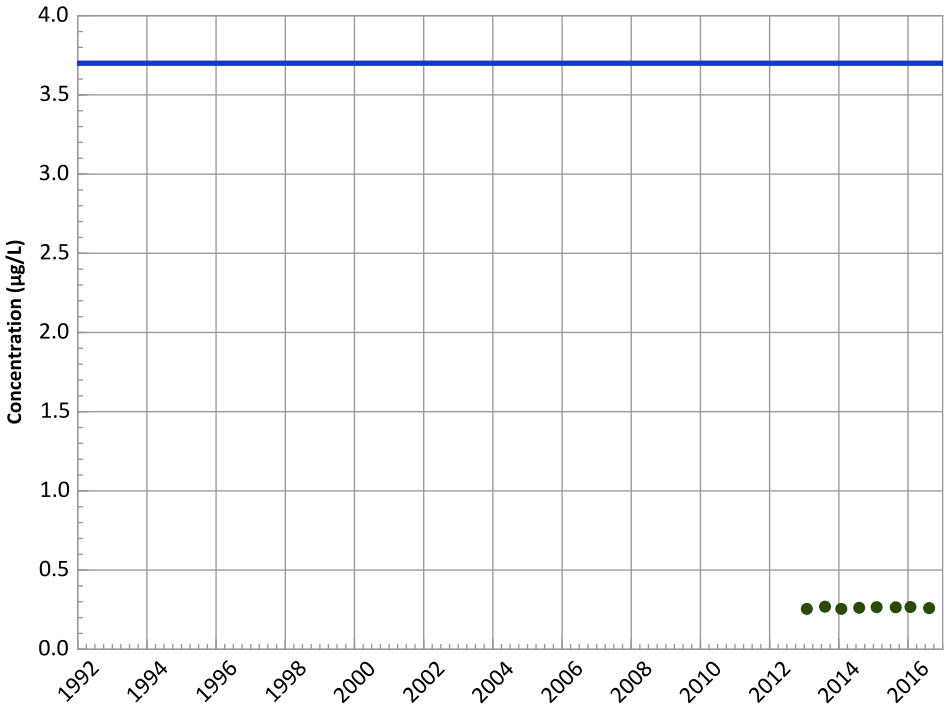
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

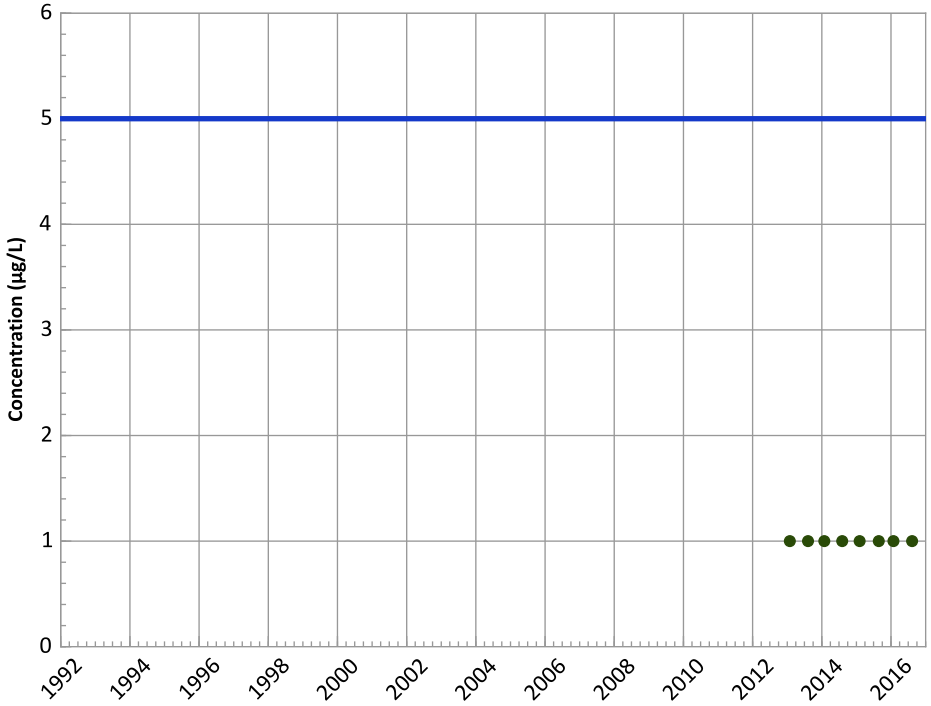


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

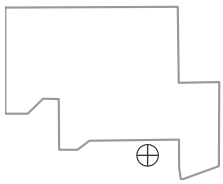
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2013 to 08/11/2016
Analysis Date: 03/07/2017

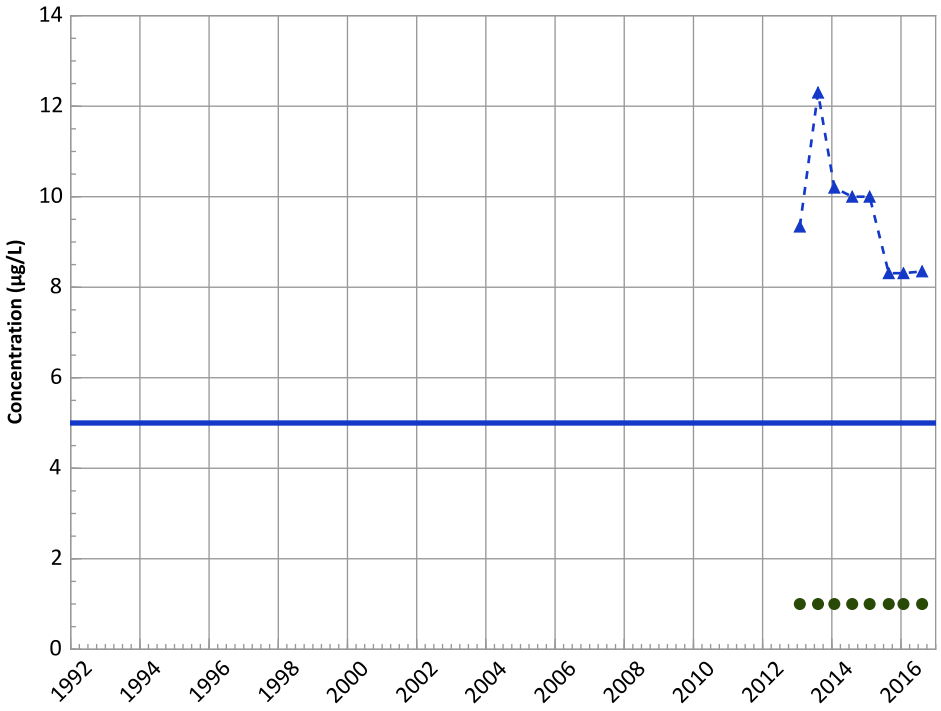
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ——— Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

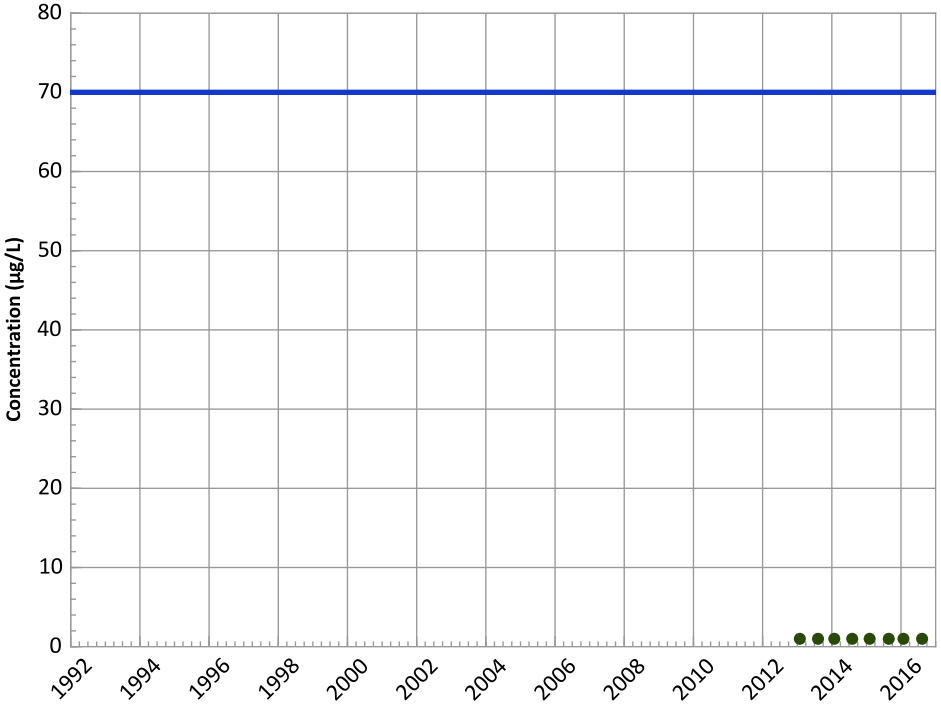


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

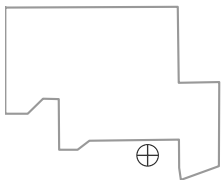
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2013 to 08/11/2016
Analysis Date: 03/07/2017

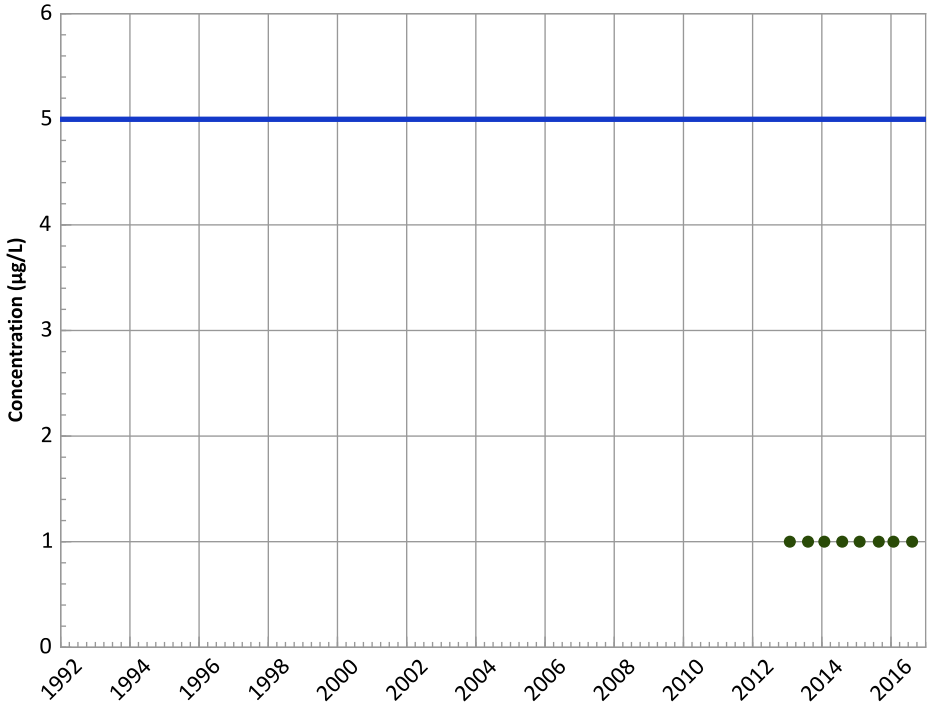
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

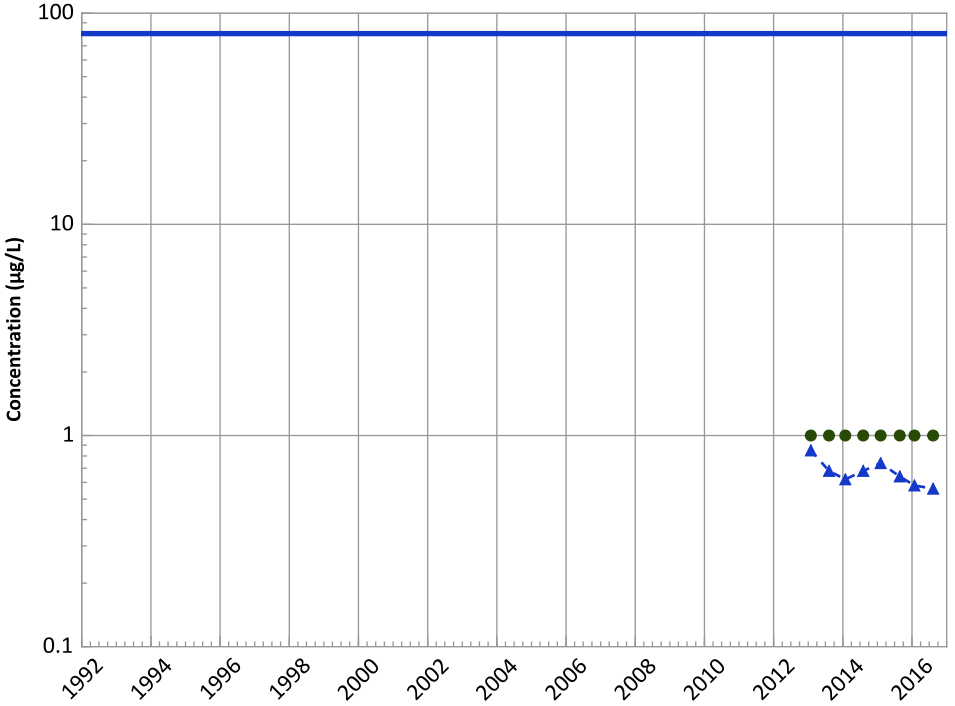


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Chloroform Trend



Concentration Trend

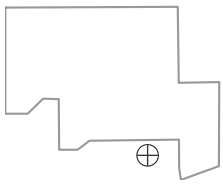
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2013 to 08/11/2016
Analysis Date: 03/07/2017

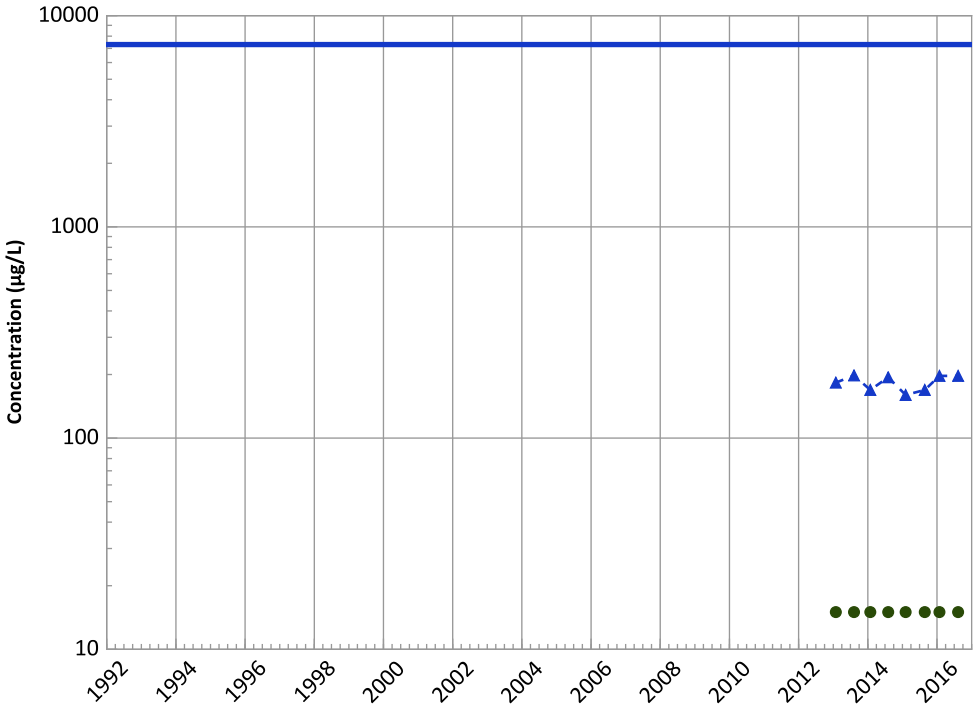
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

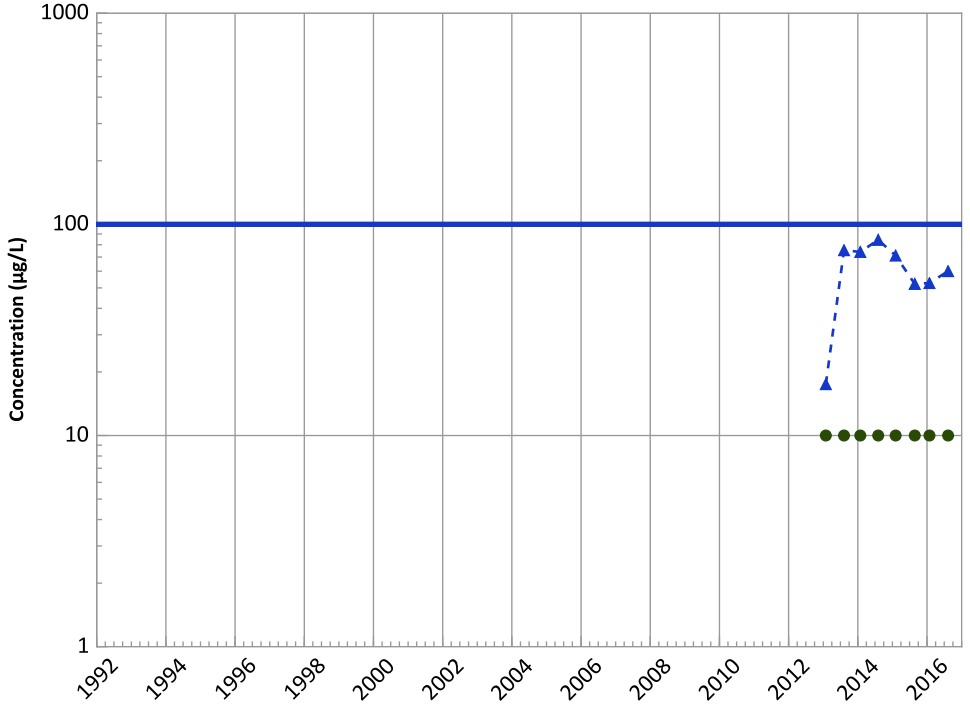


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Chromium, Total Trend



Concentration Trend

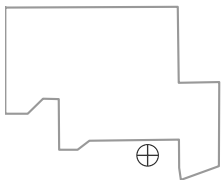
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2013 to 08/11/2016
Analysis Date: 03/07/2017

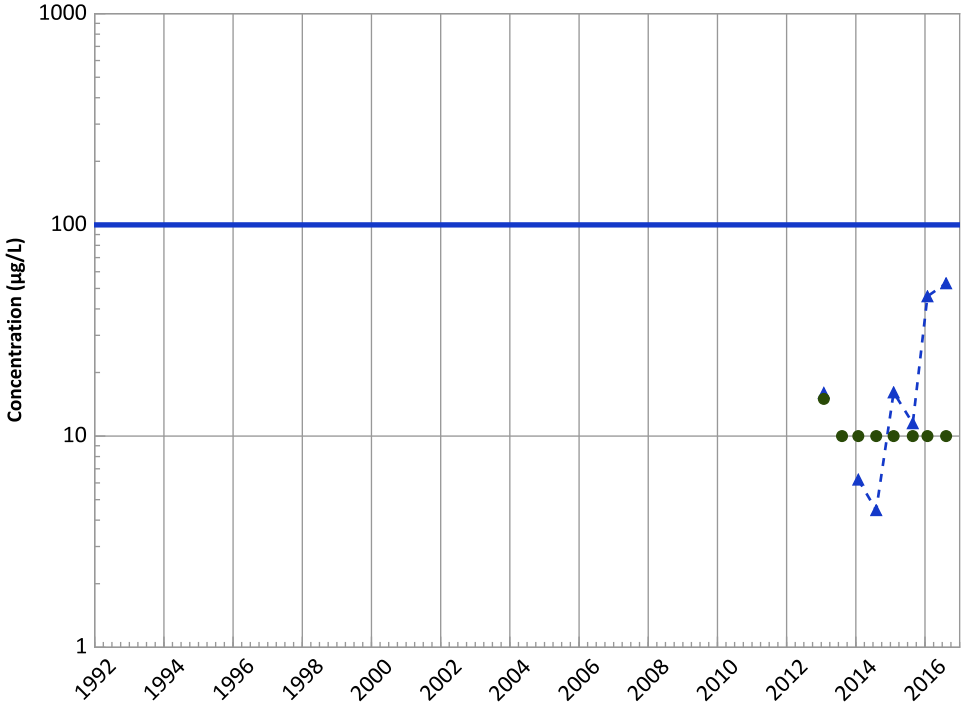
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

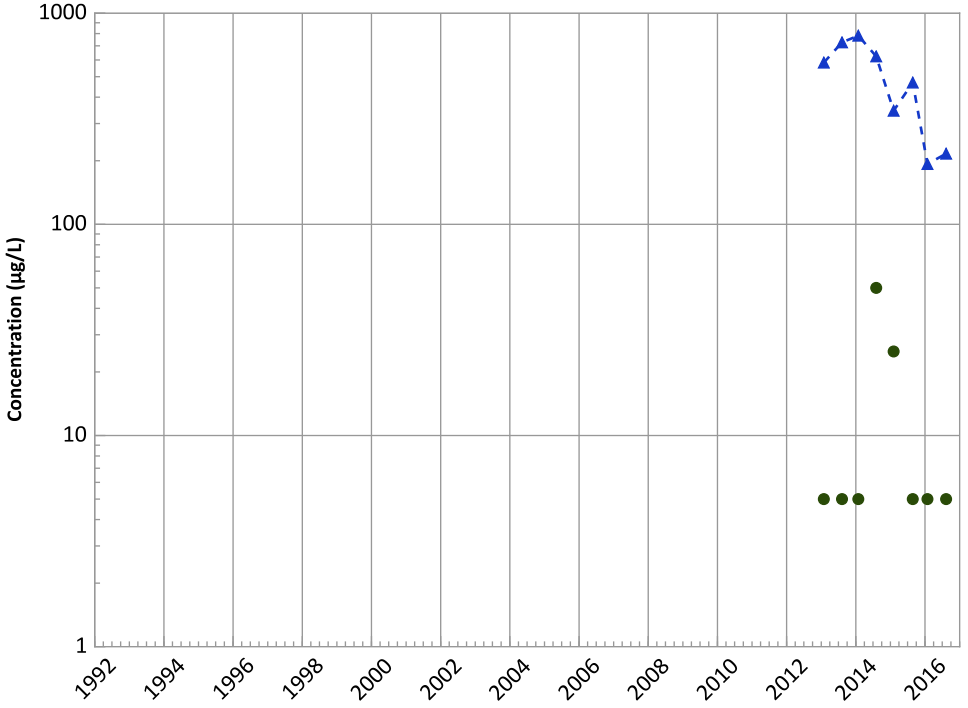


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

Manganese Trend



Concentration Trend

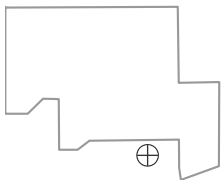
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2013 to 08/11/2016
Analysis Date: 03/07/2017

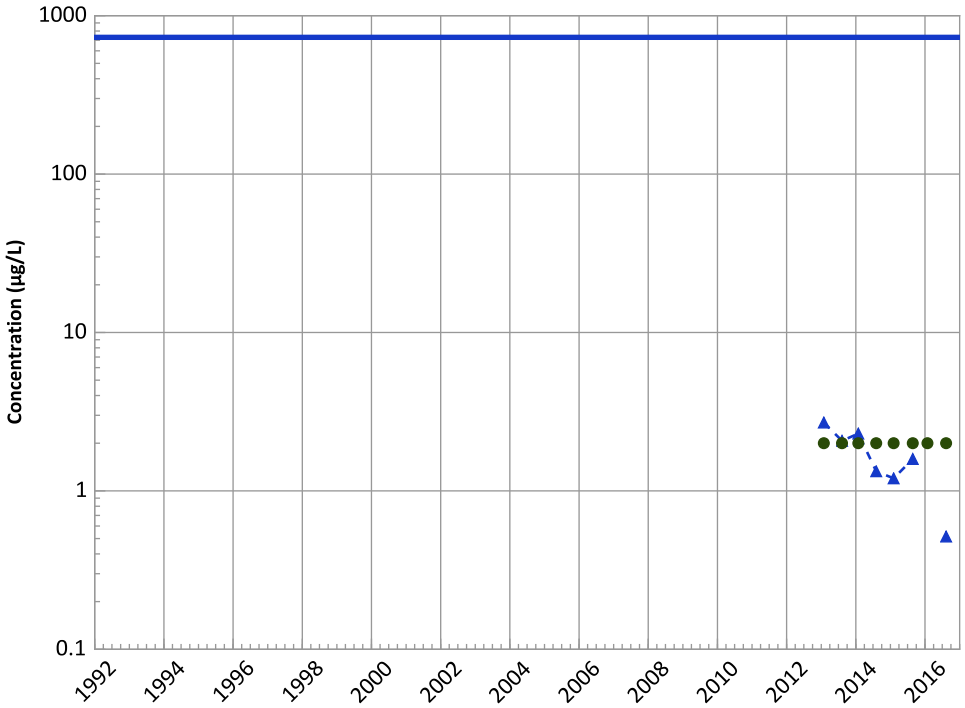
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

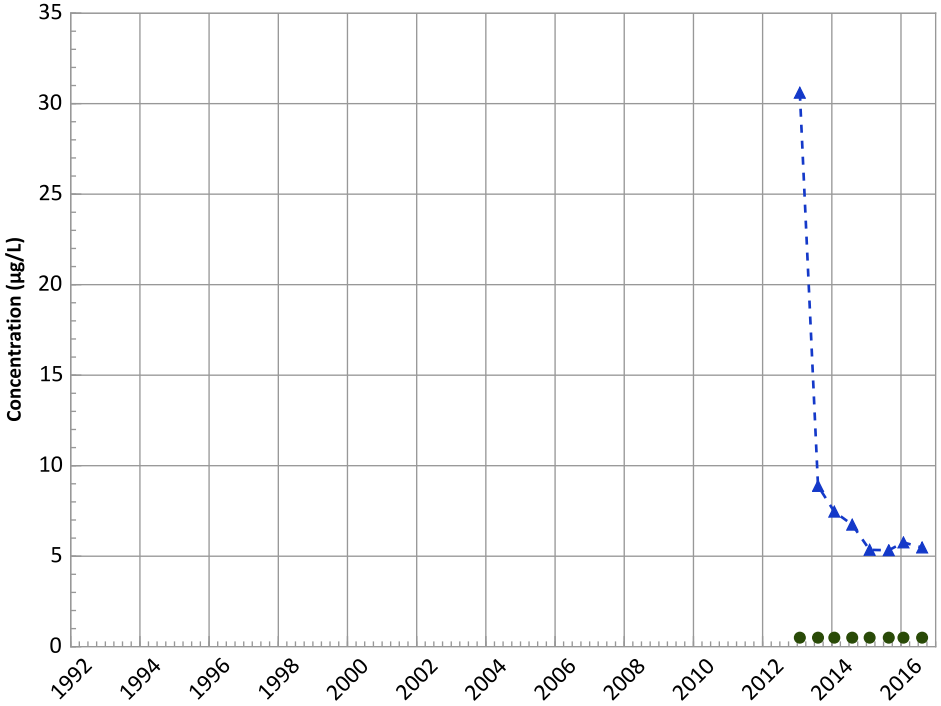


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Molybdenum Trend



Concentration Trend

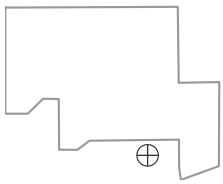
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2013 to 08/11/2016
Analysis Date: 03/07/2017

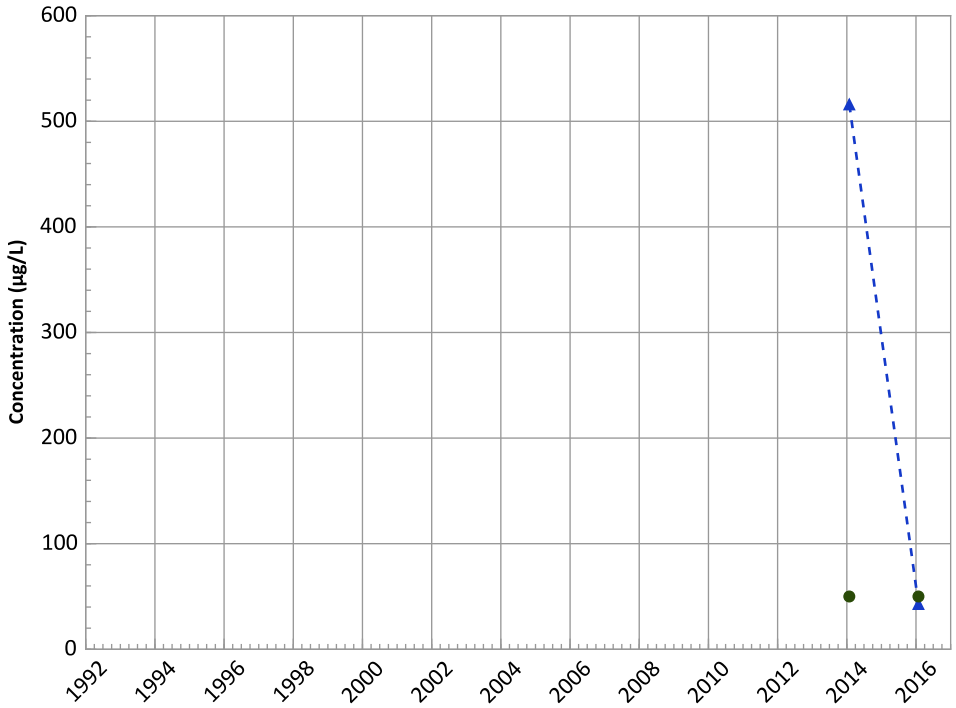
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

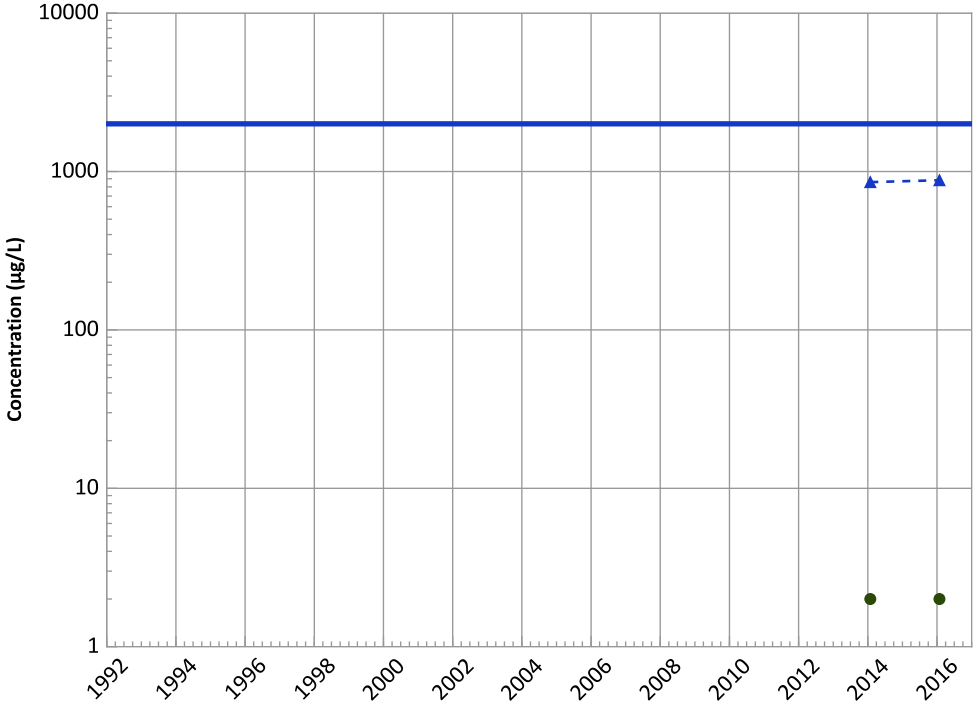


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

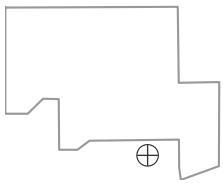
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2013 to 08/11/2016
Analysis Date: 03/07/2017

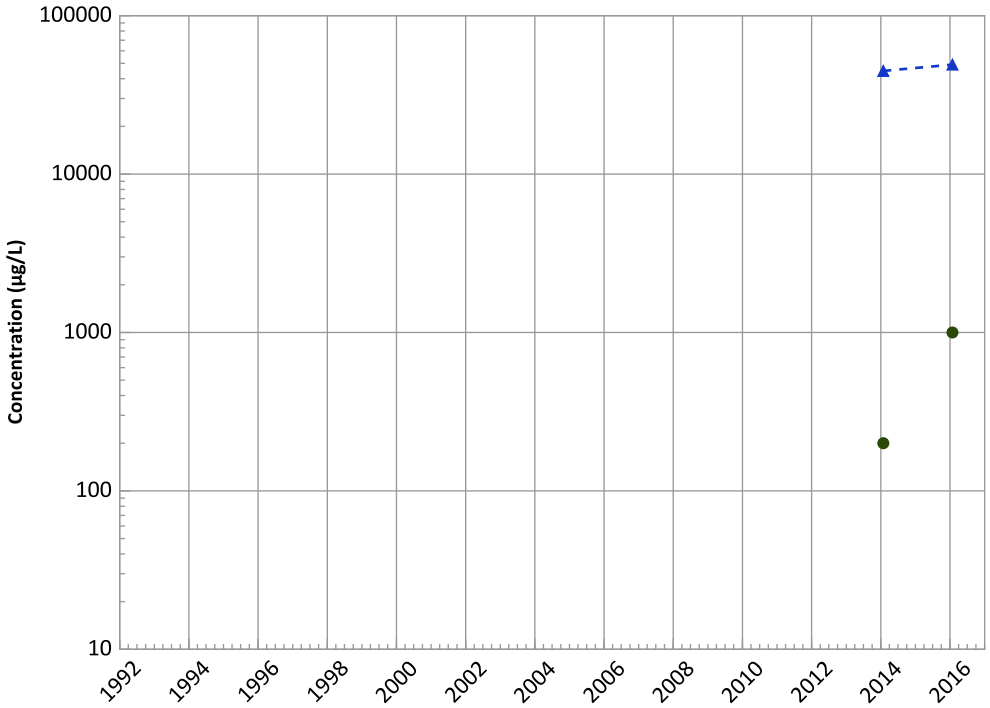
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

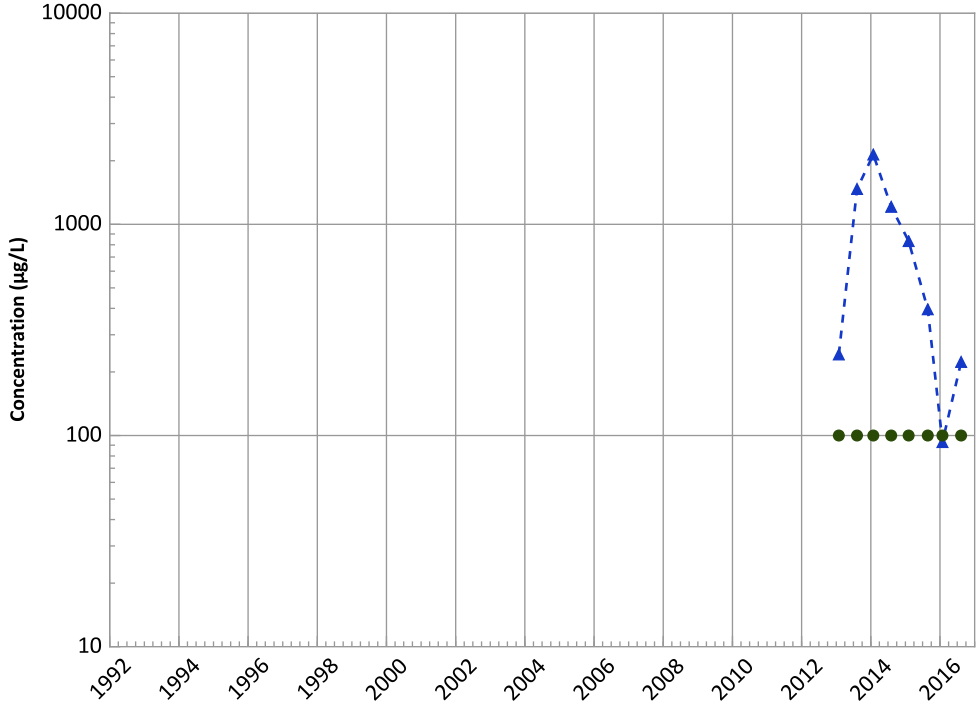


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

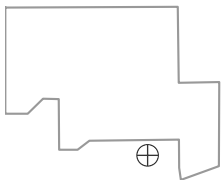
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2013 to 08/11/2016
Analysis Date: 03/07/2017

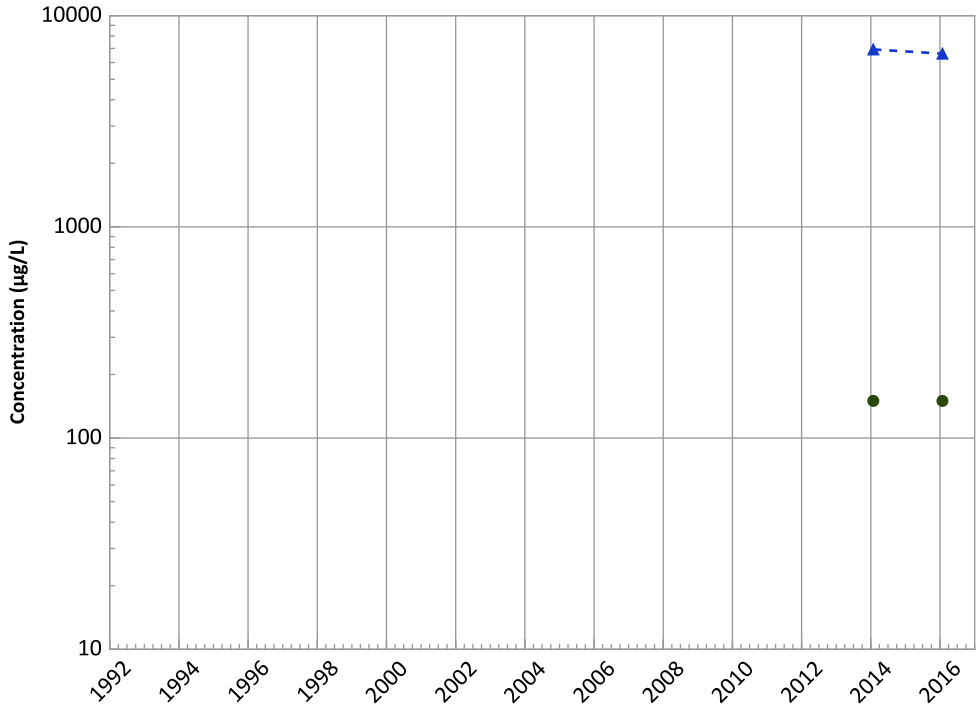
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

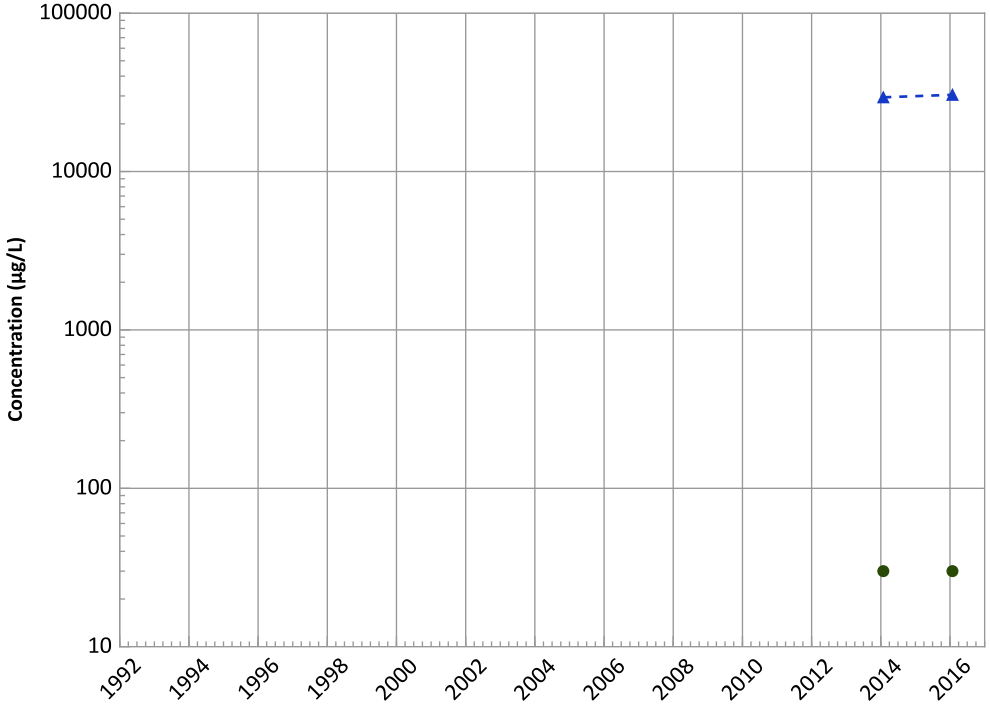


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

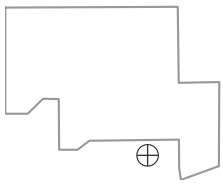
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2013 to 08/11/2016
Analysis Date: 03/07/2017

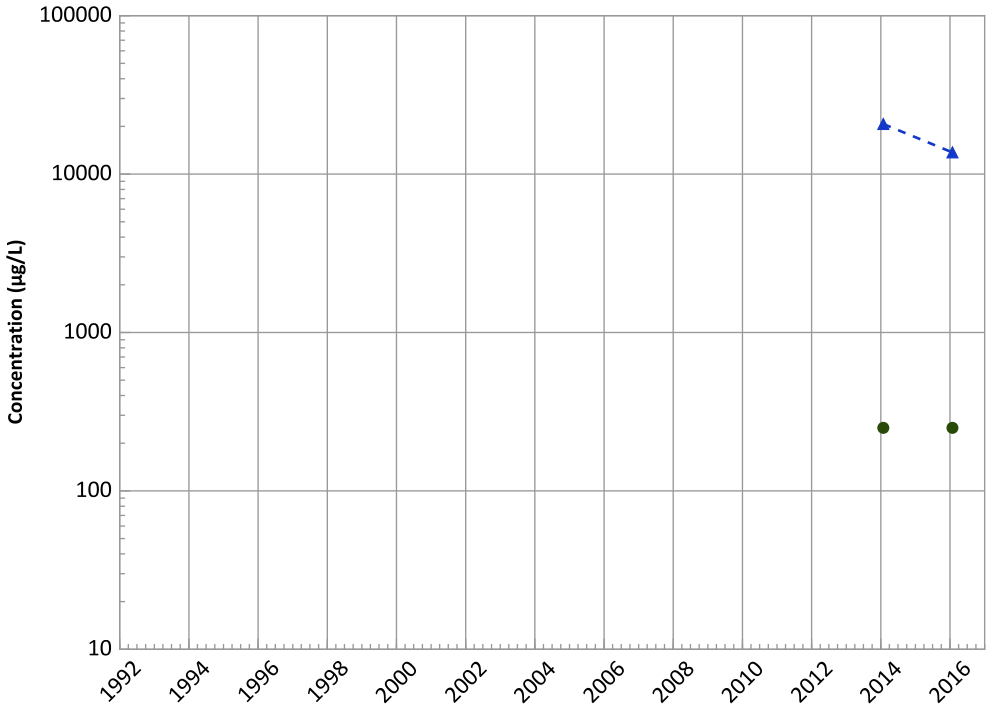
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

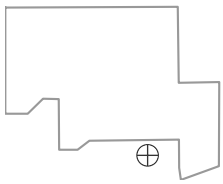
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

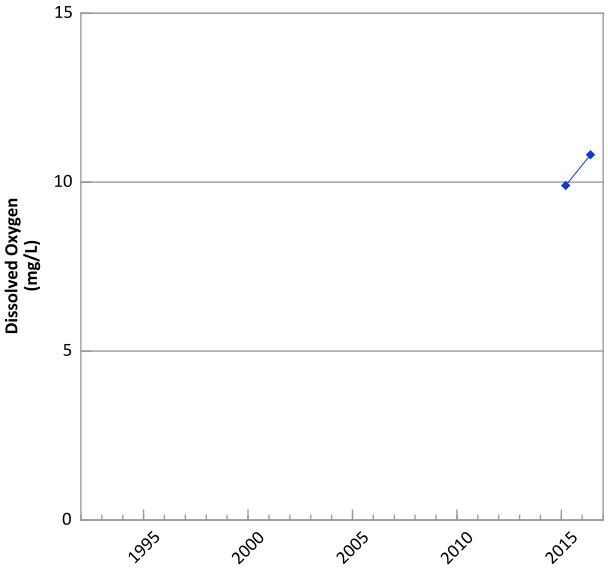
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2013 to 08/11/2016
Analysis Date: 03/07/2017

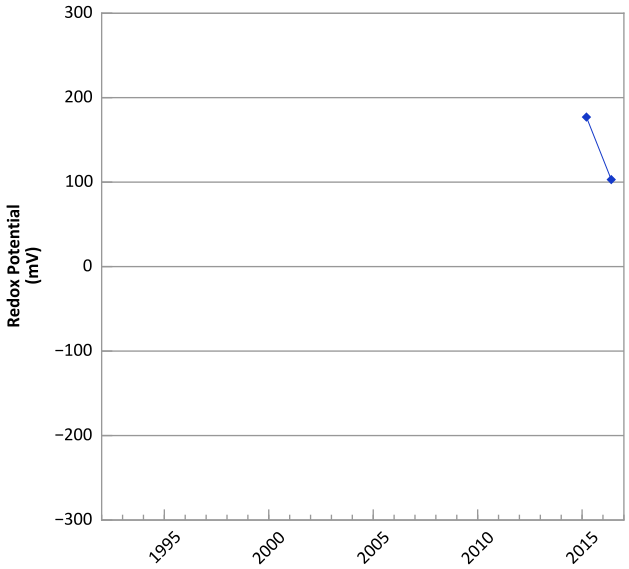
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

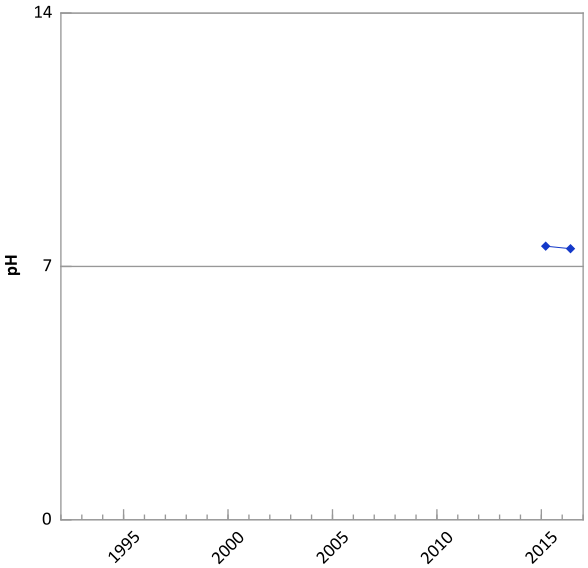
Well Location

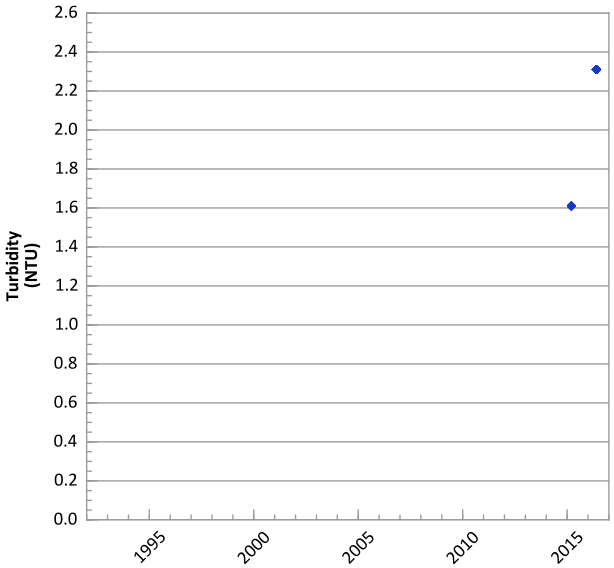


PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



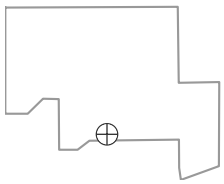






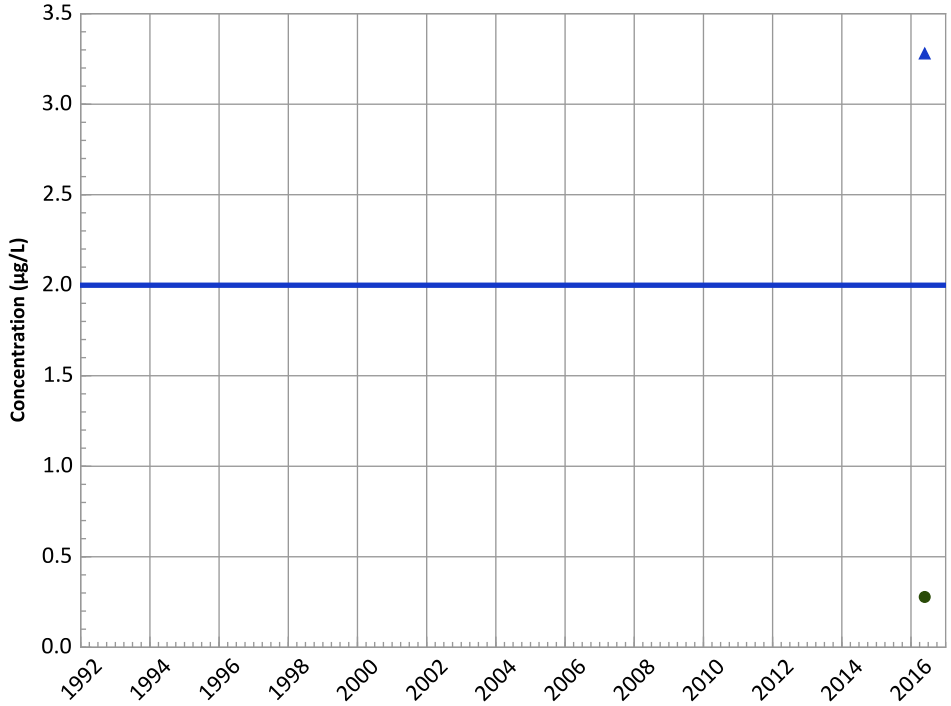
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/18/2015 to 05/25/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

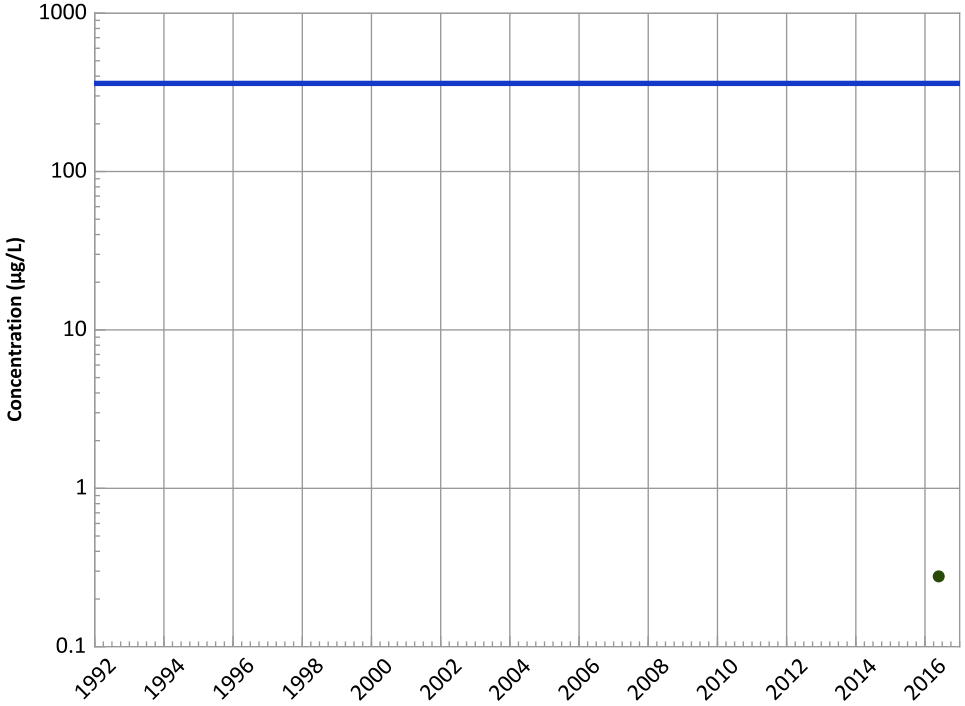


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

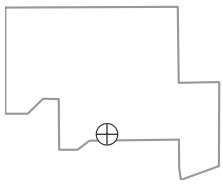
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/18/2015 to 05/25/2016
Analysis Date: 03/07/2017

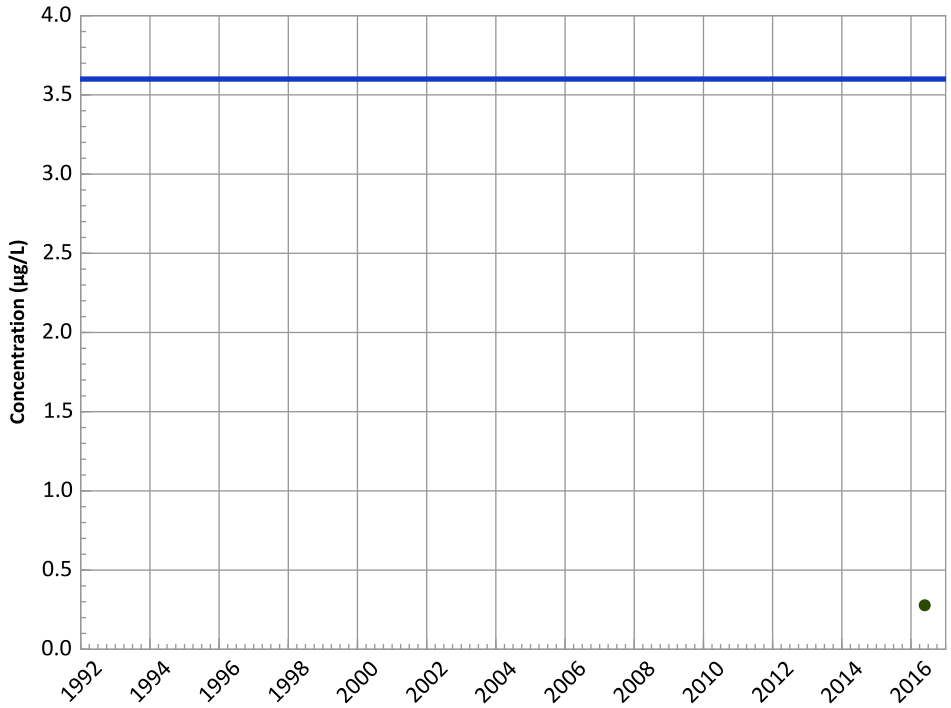
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

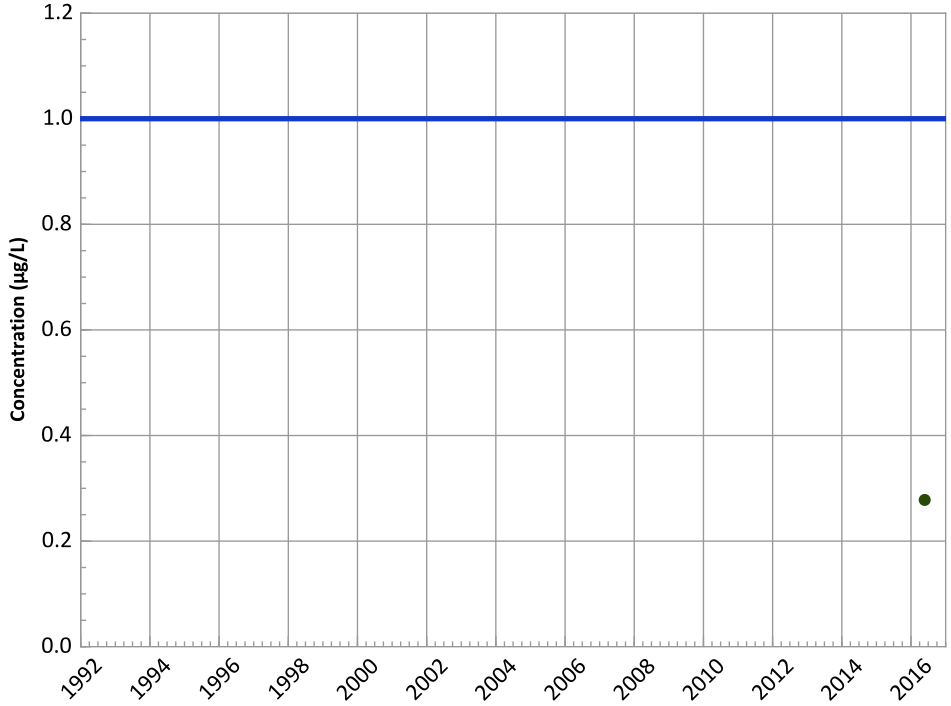


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

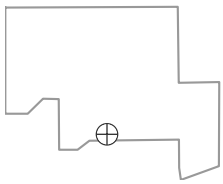
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/18/2015 to 05/25/2016
Analysis Date: 03/07/2017

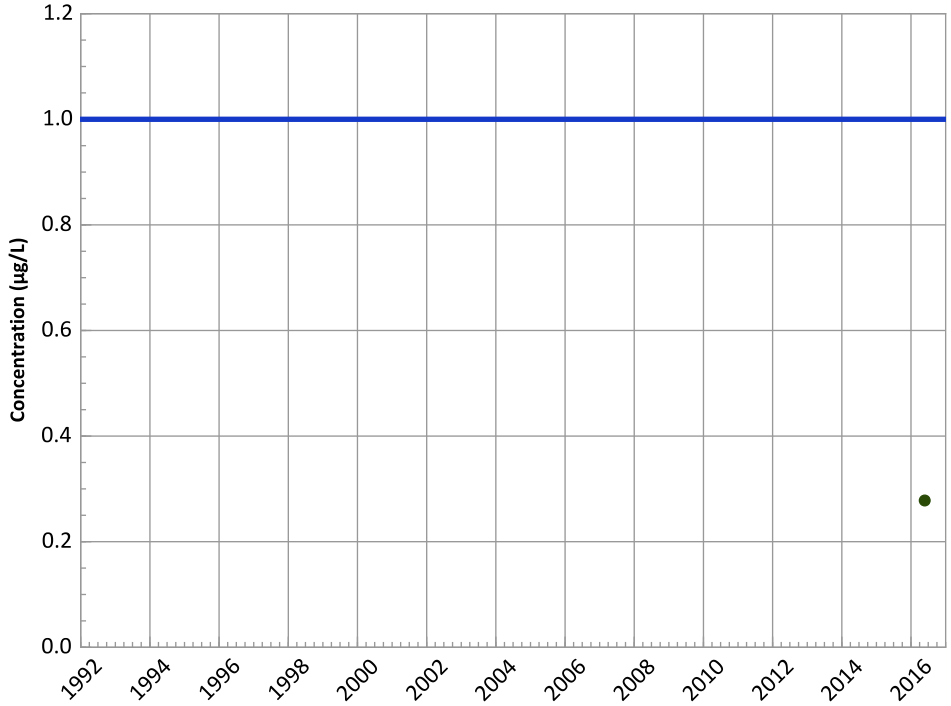
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

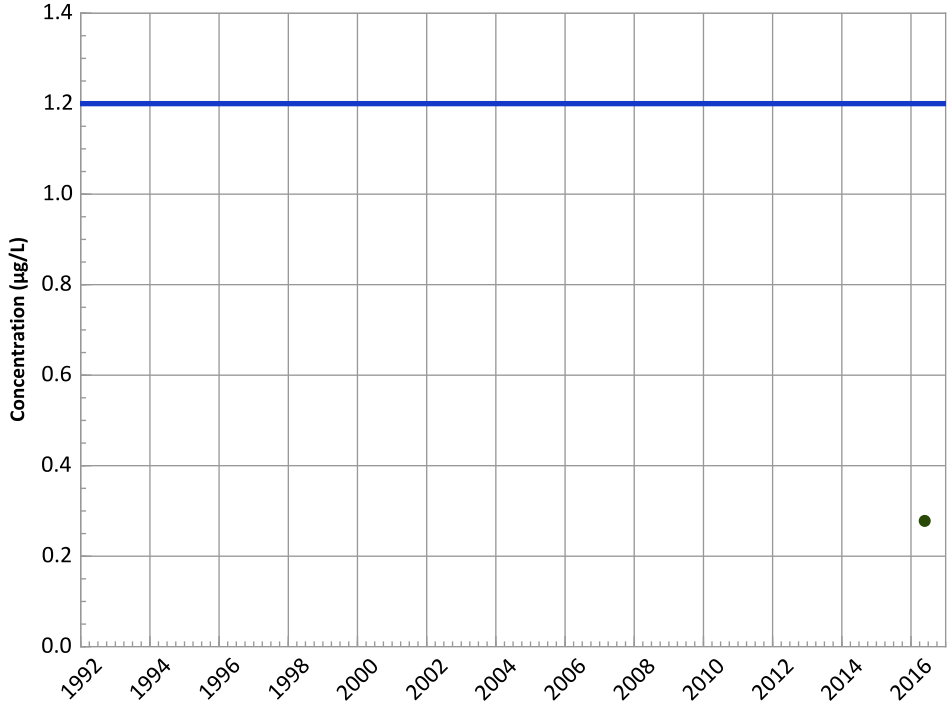


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

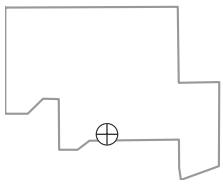
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/18/2015 to 05/25/2016
Analysis Date: 03/07/2017

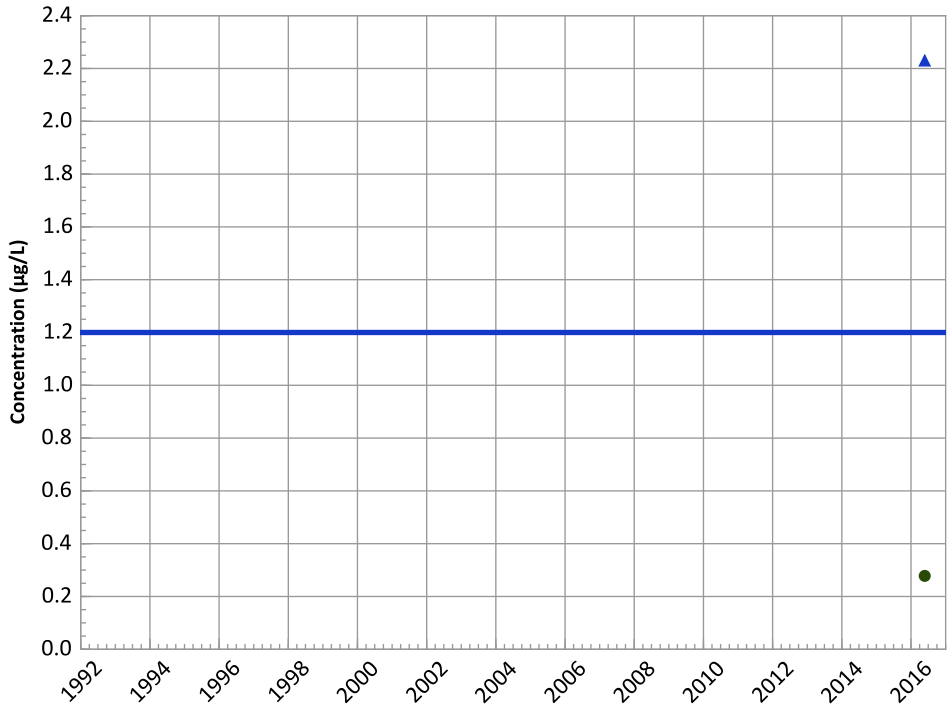
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

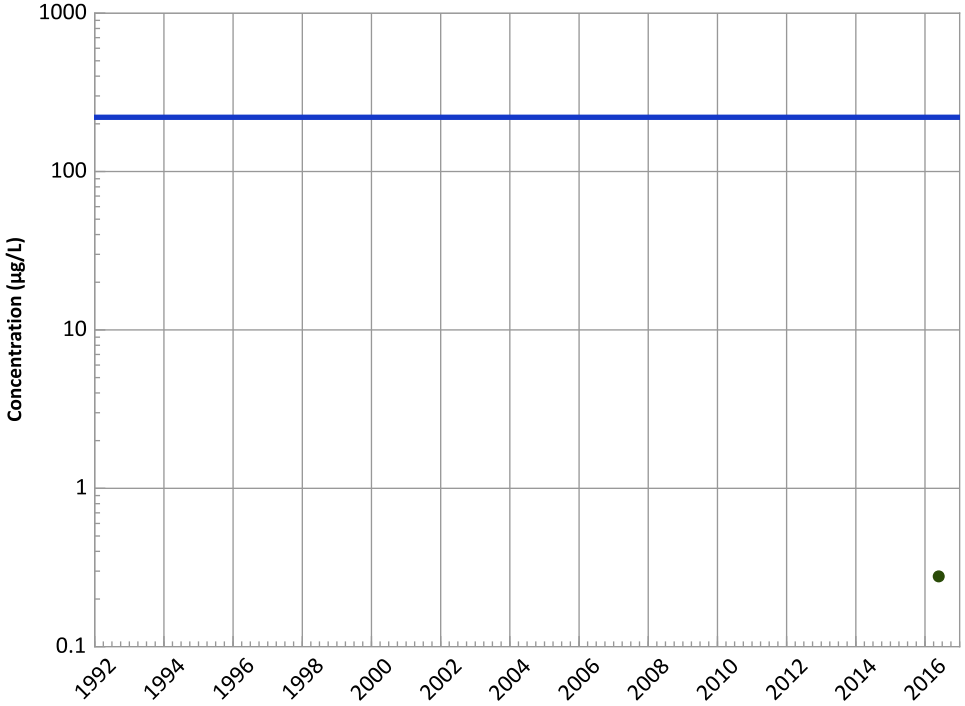


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

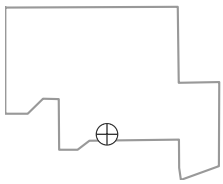
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/18/2015 to 05/25/2016
Analysis Date: 03/07/2017

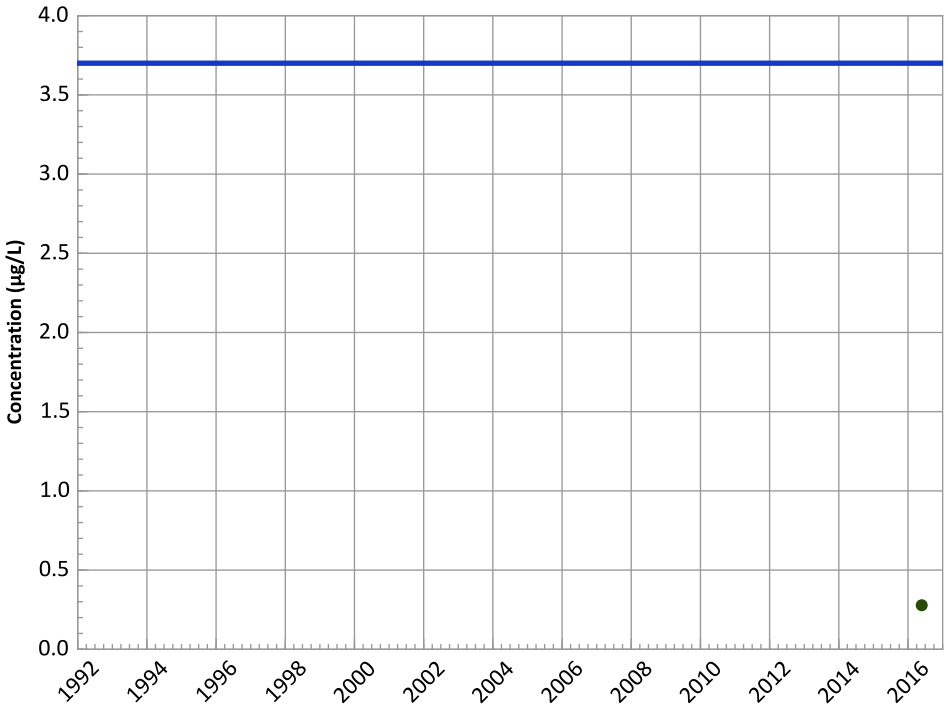
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

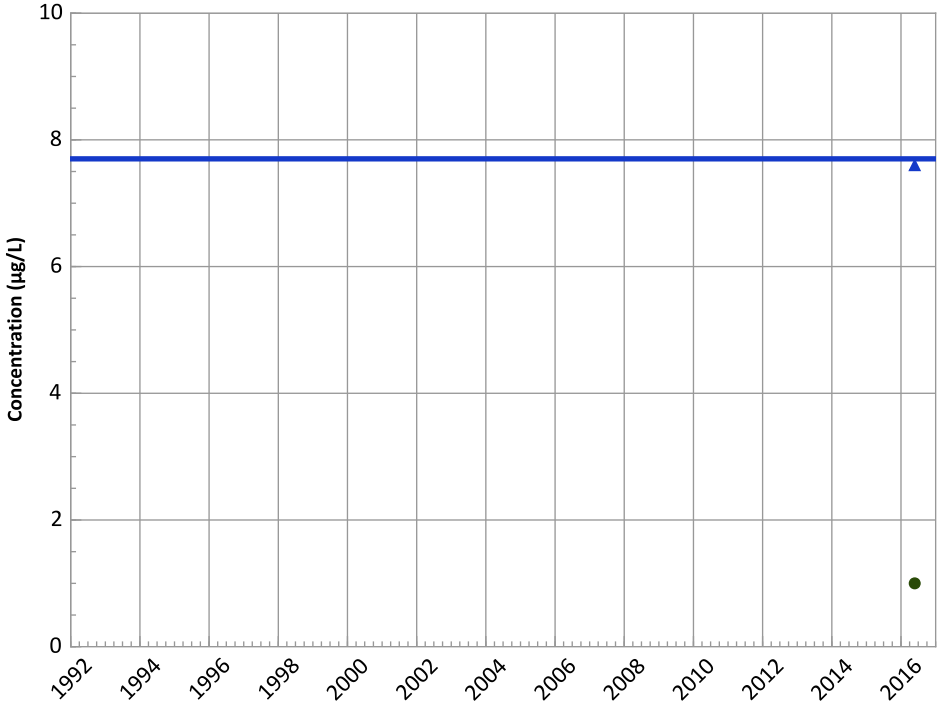


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

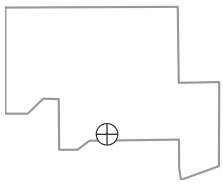
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/18/2015 to 05/25/2016
Analysis Date: 03/07/2017

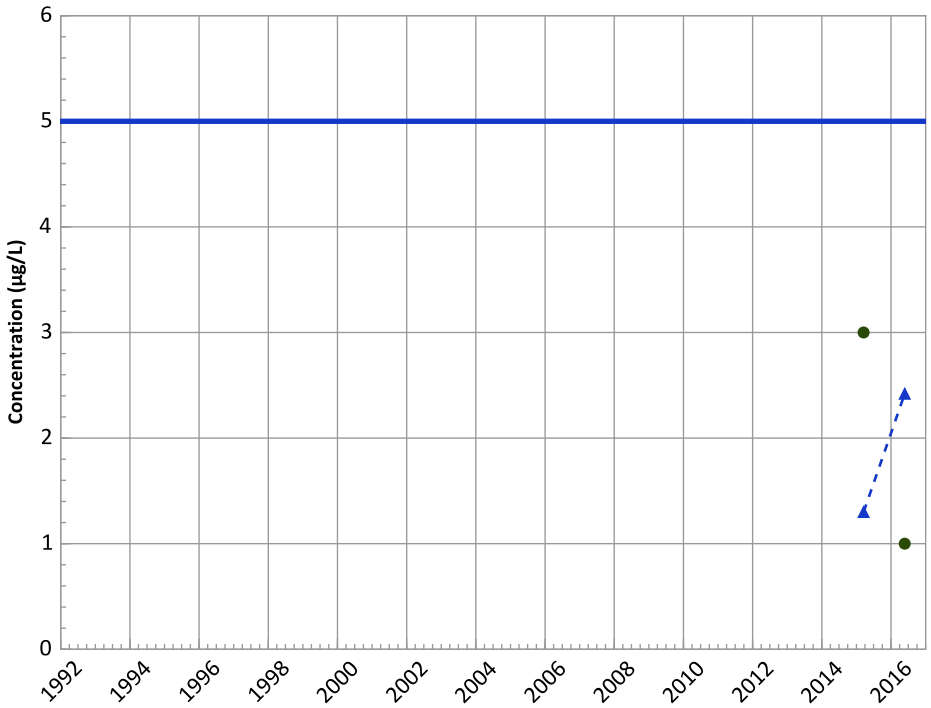
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

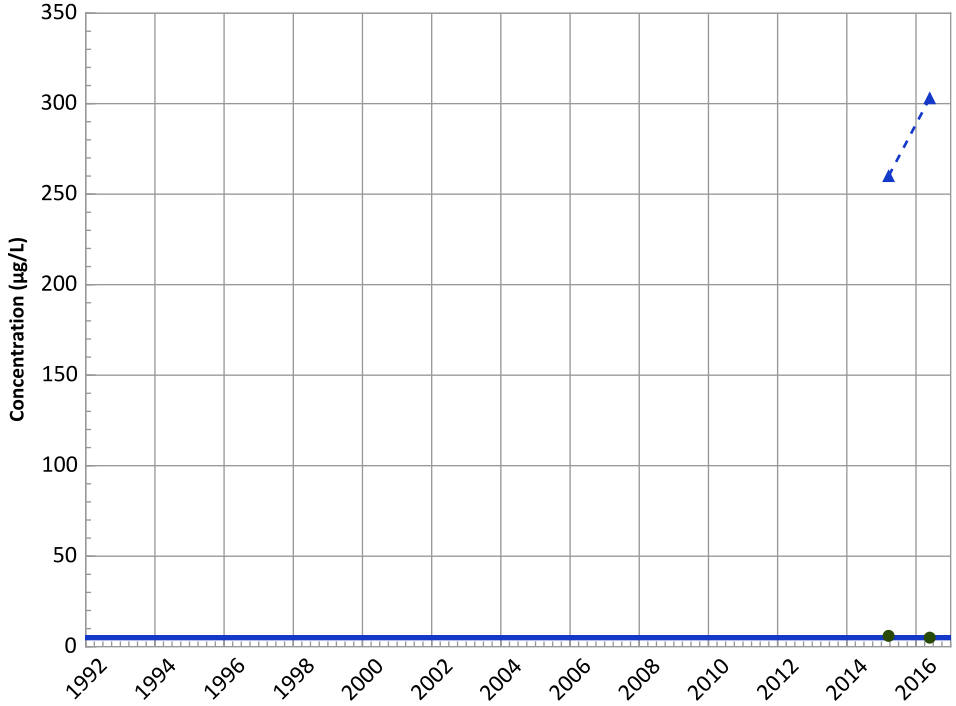


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

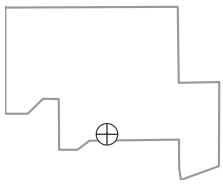
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/18/2015 to 05/25/2016
Analysis Date: 03/07/2017

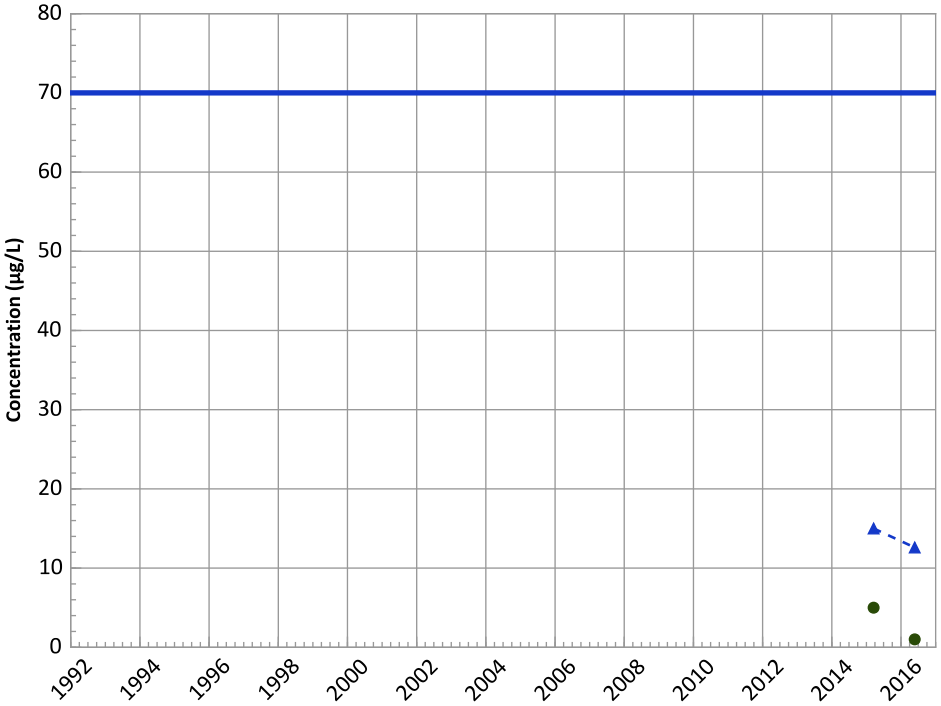
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

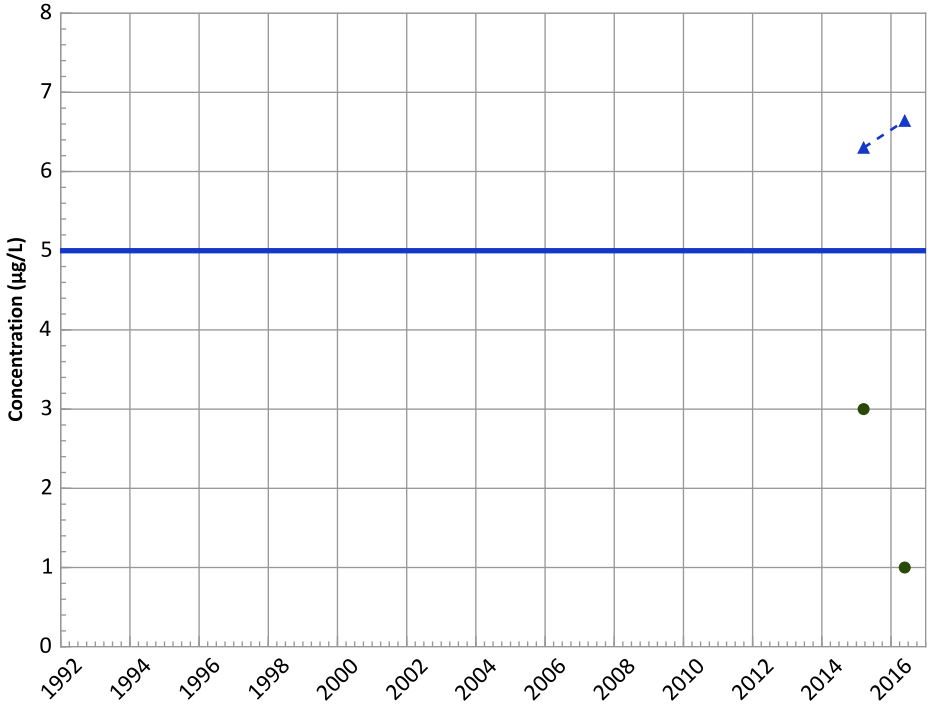


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

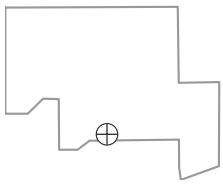
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/18/2015 to 05/25/2016
Analysis Date: 03/07/2017

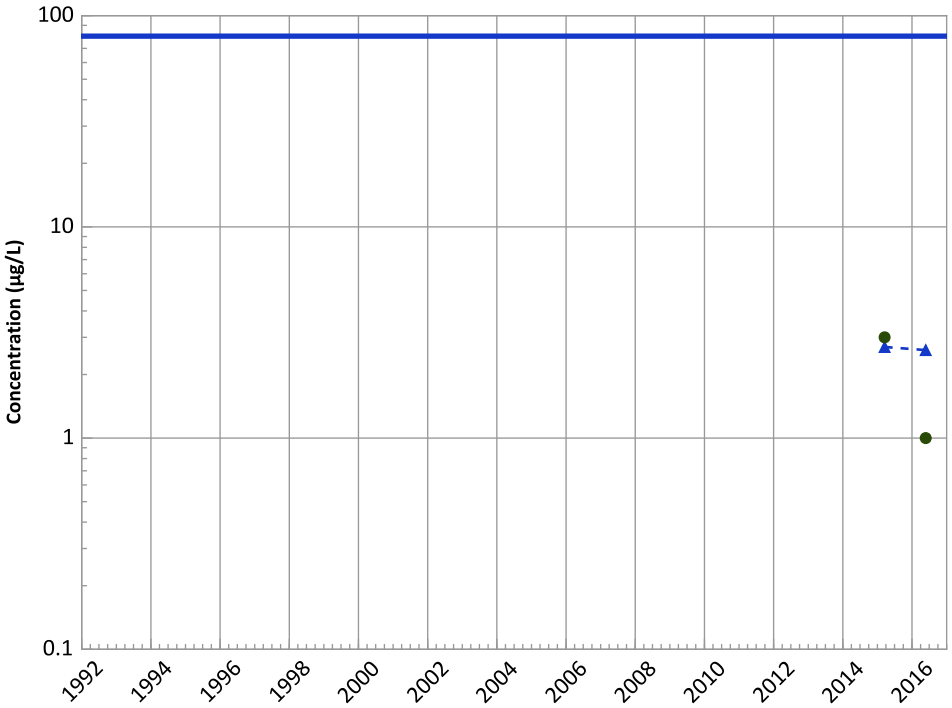
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

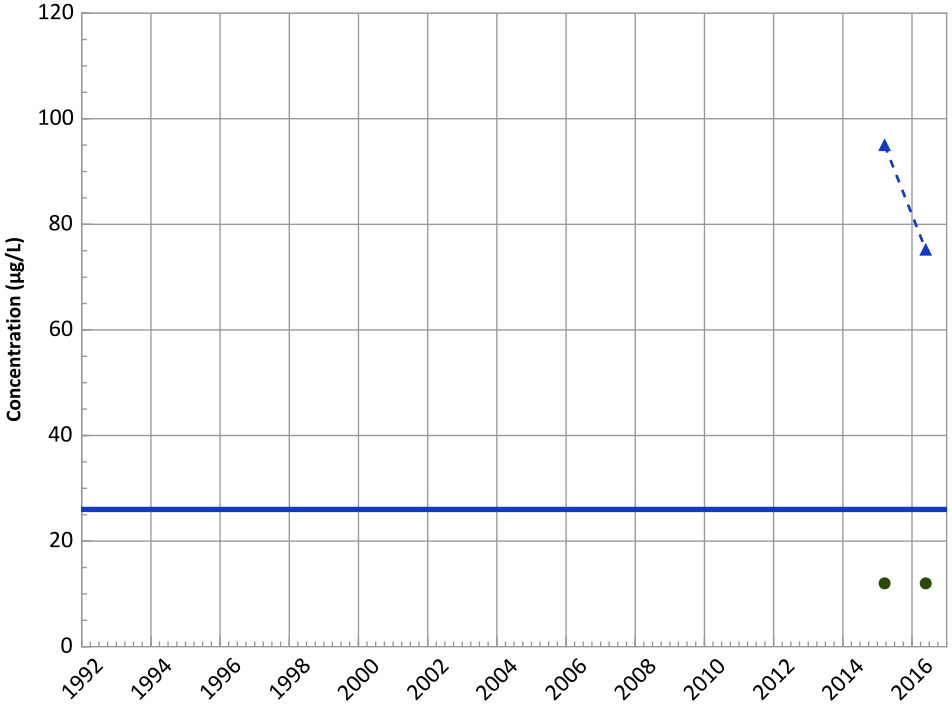


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Perchlorate Trend



Concentration Trend

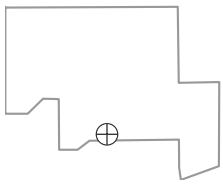
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/18/2015 to 05/25/2016
Analysis Date: 03/07/2017

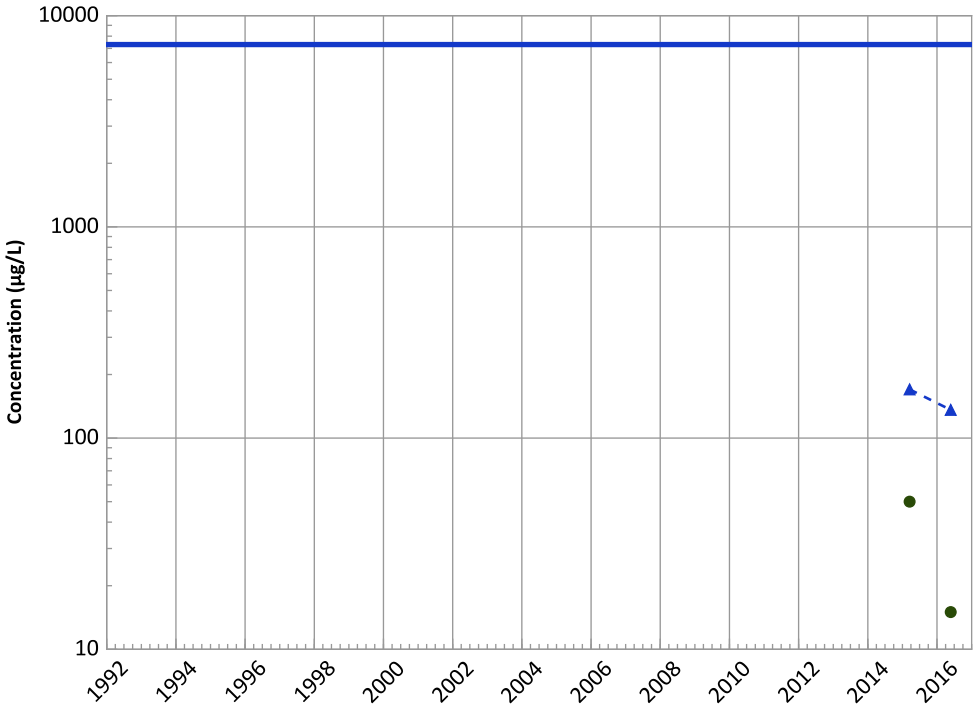
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

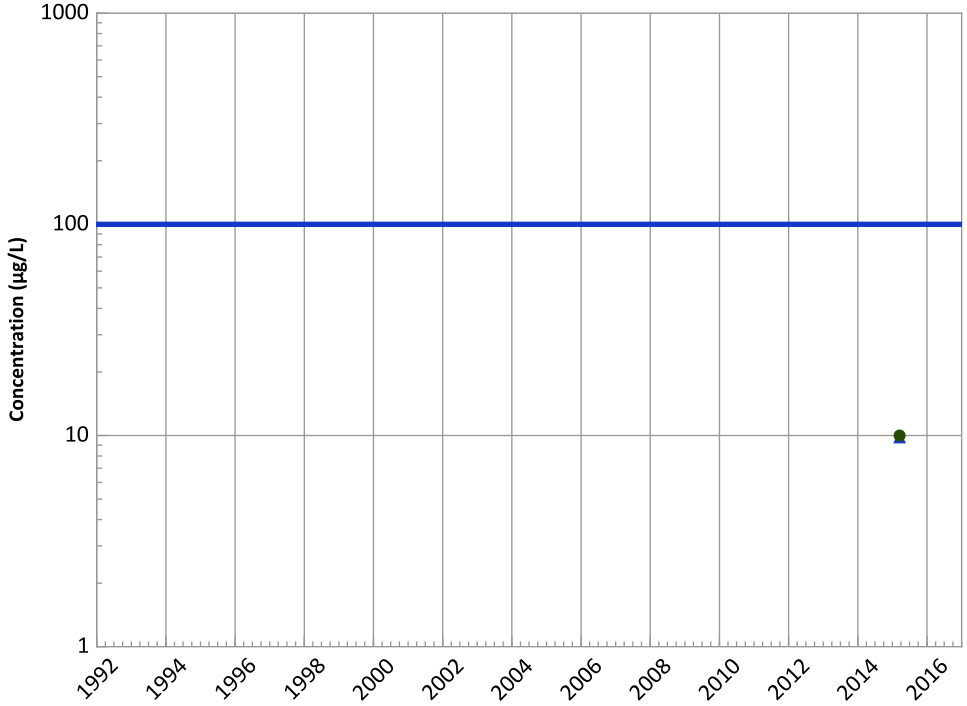


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Chromium, Total Trend



Concentration Trend

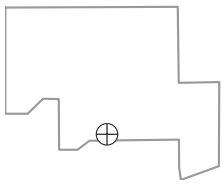
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/18/2015 to 05/25/2016
Analysis Date: 03/07/2017

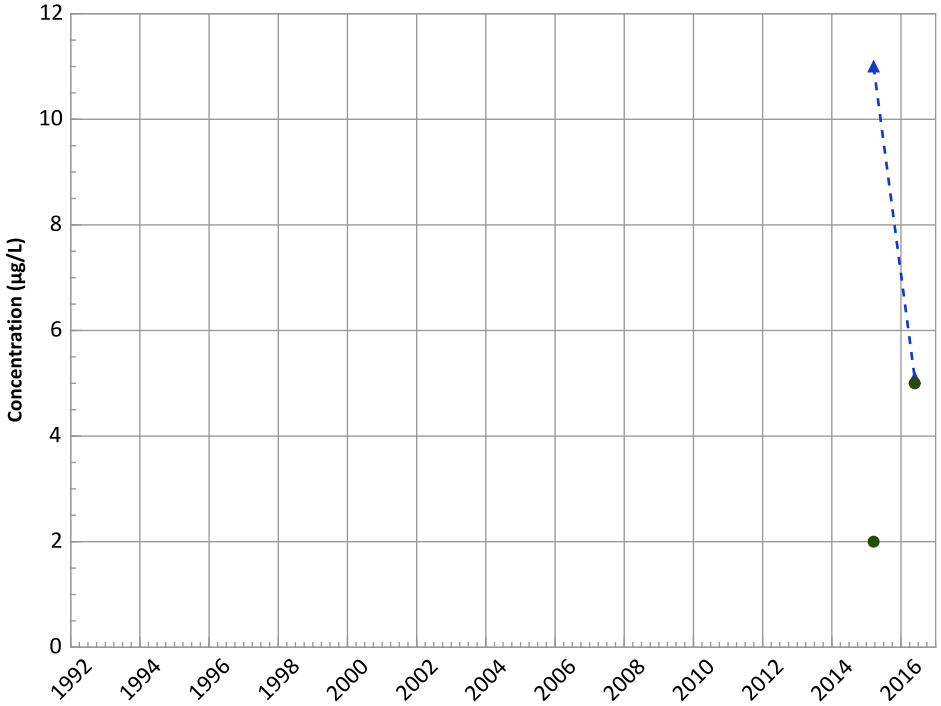
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

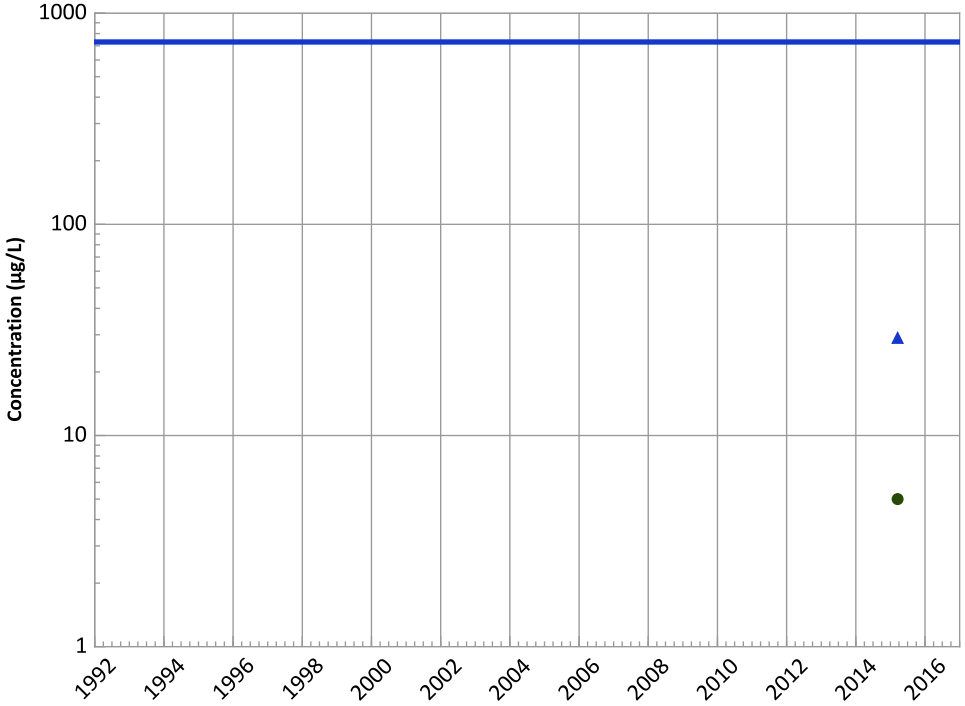


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Nickel Trend



Concentration Trend

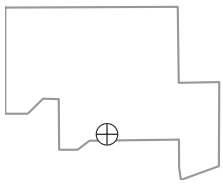
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/18/2015 to 05/25/2016
Analysis Date: 03/07/2017

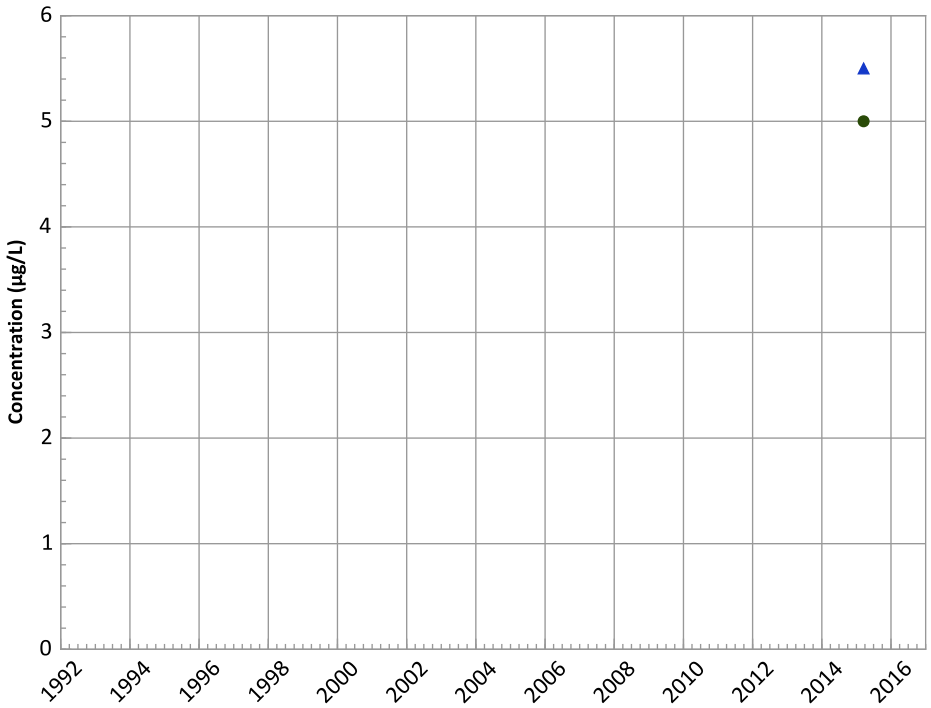
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

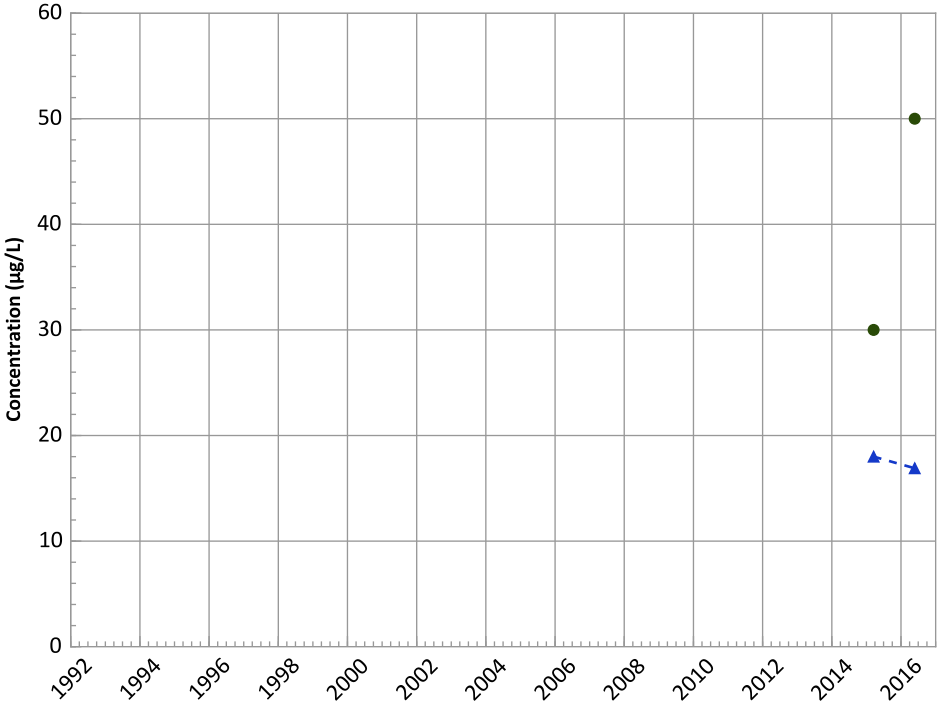


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Aluminum Trend



Concentration Trend

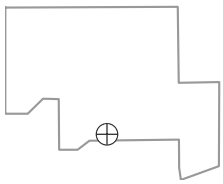
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/18/2015 to 05/25/2016
Analysis Date: 03/07/2017

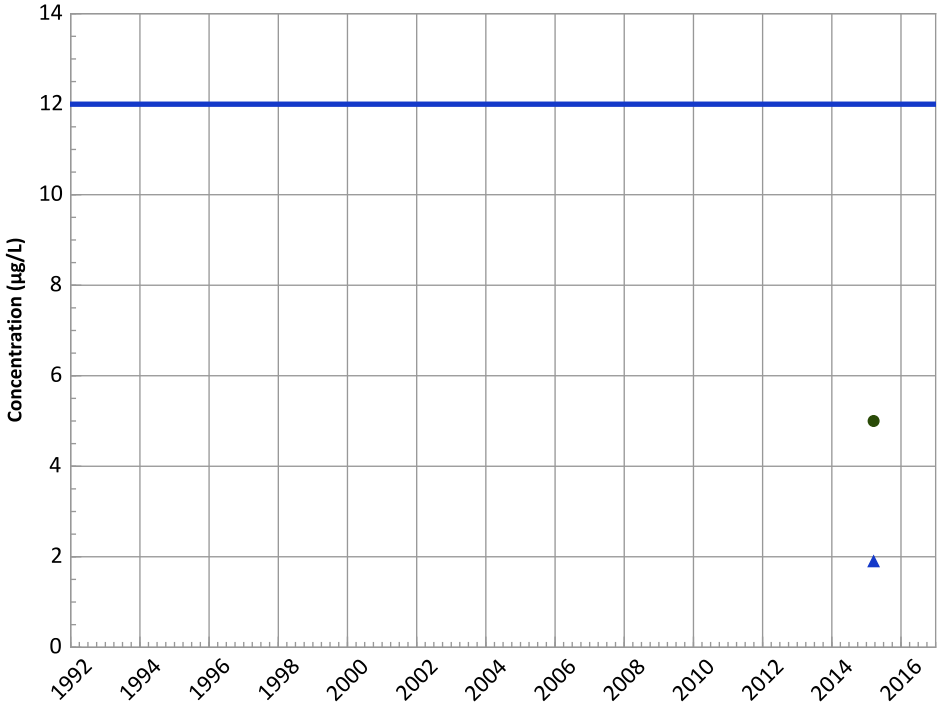
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

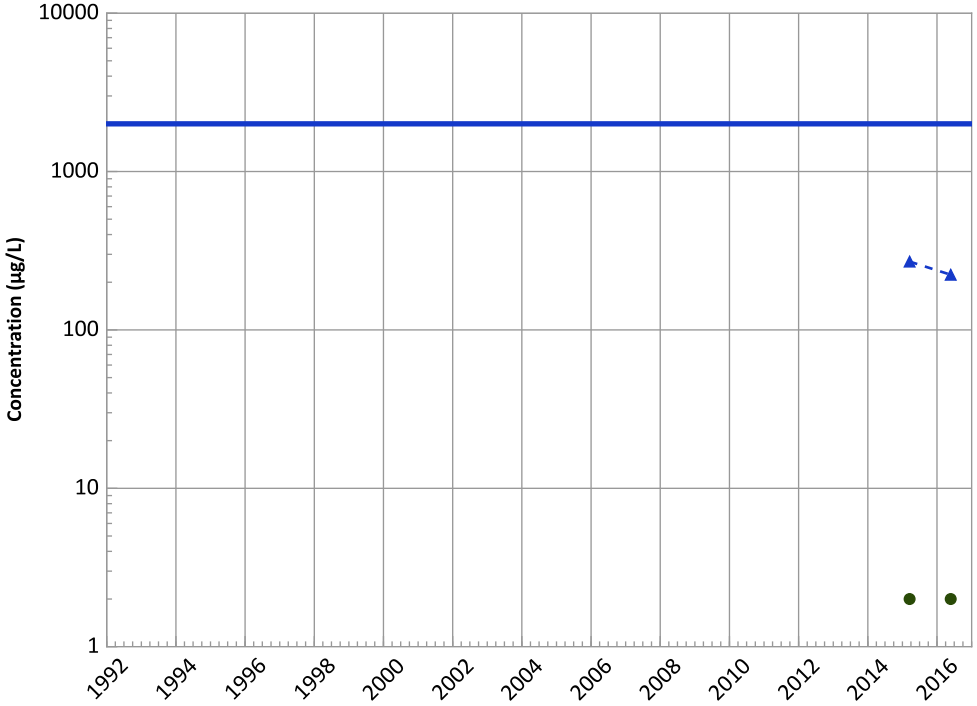


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

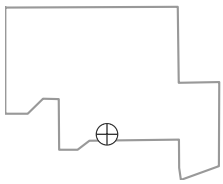
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/18/2015 to 05/25/2016
Analysis Date: 03/07/2017

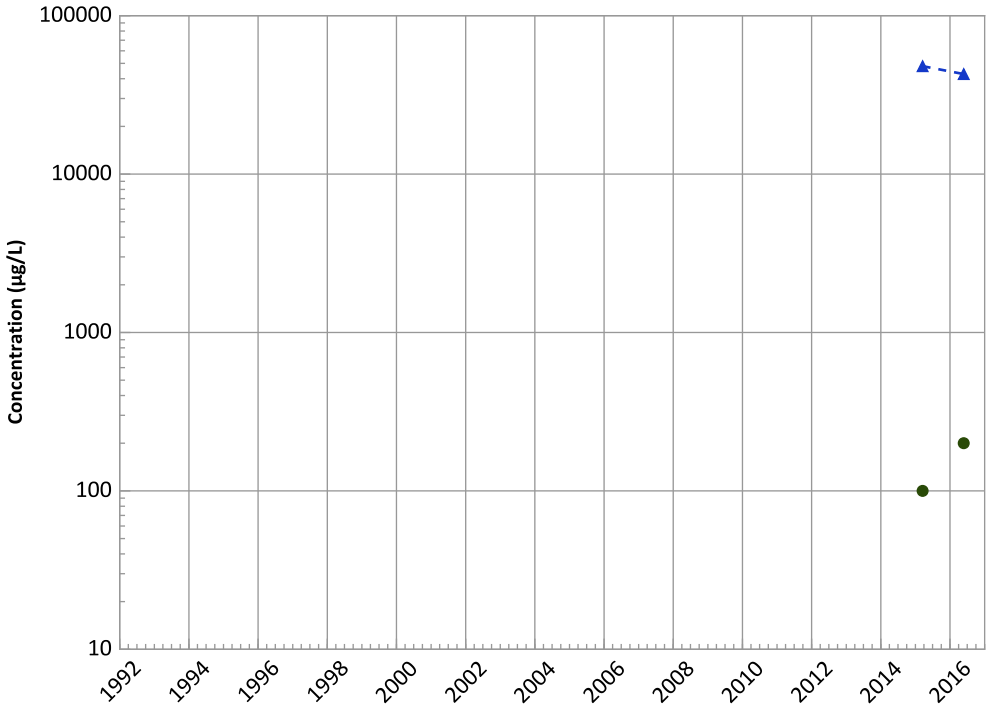
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

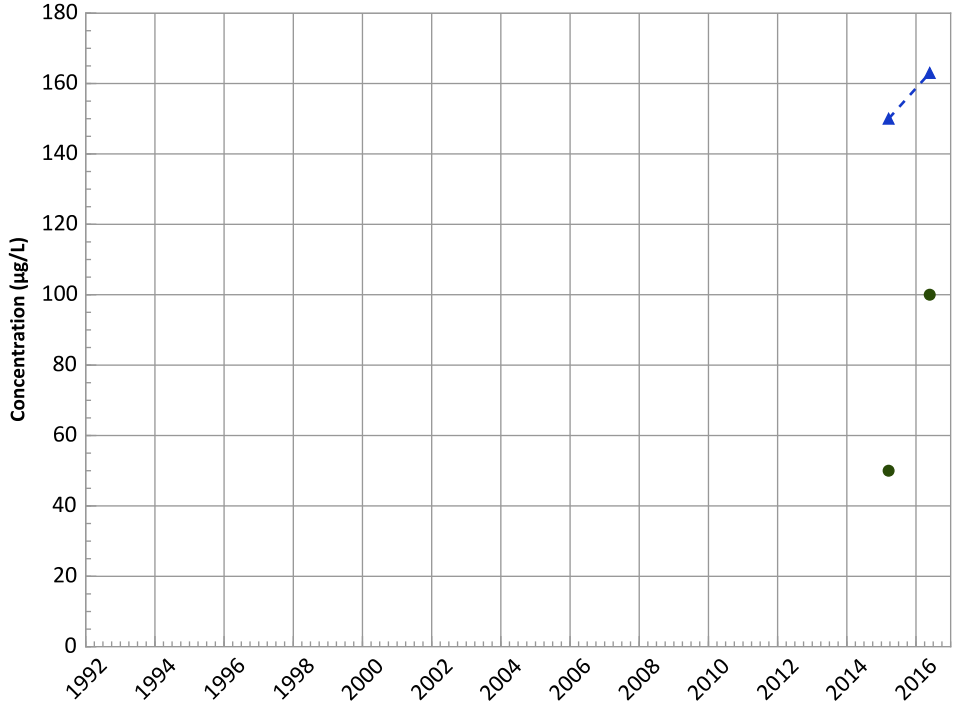


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

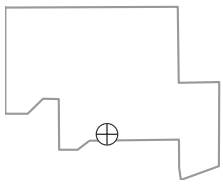
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/18/2015 to 05/25/2016
Analysis Date: 03/07/2017

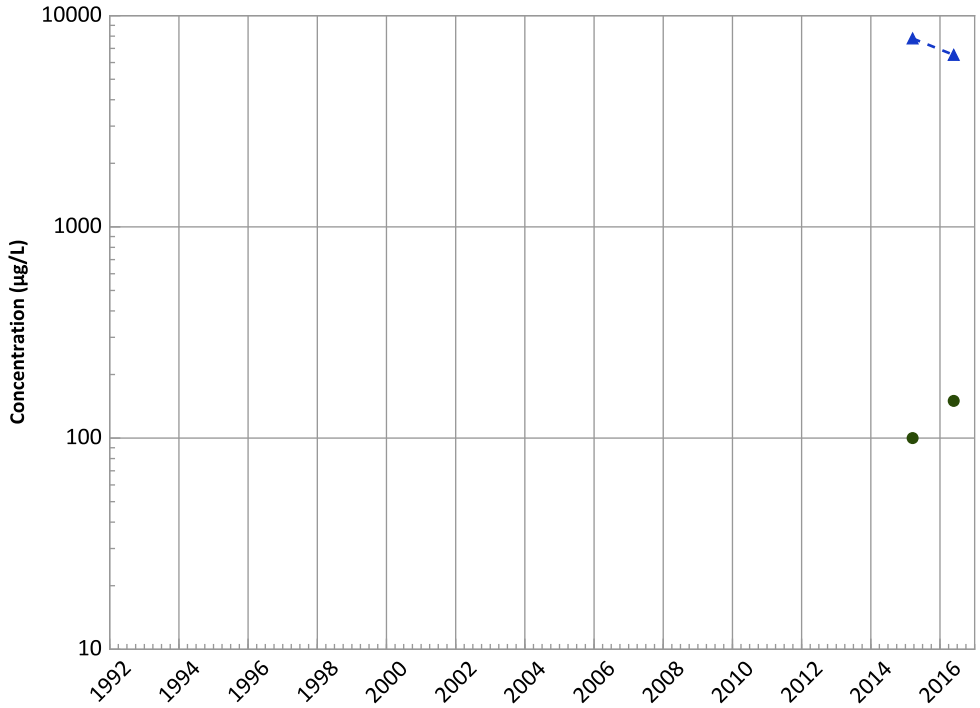
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

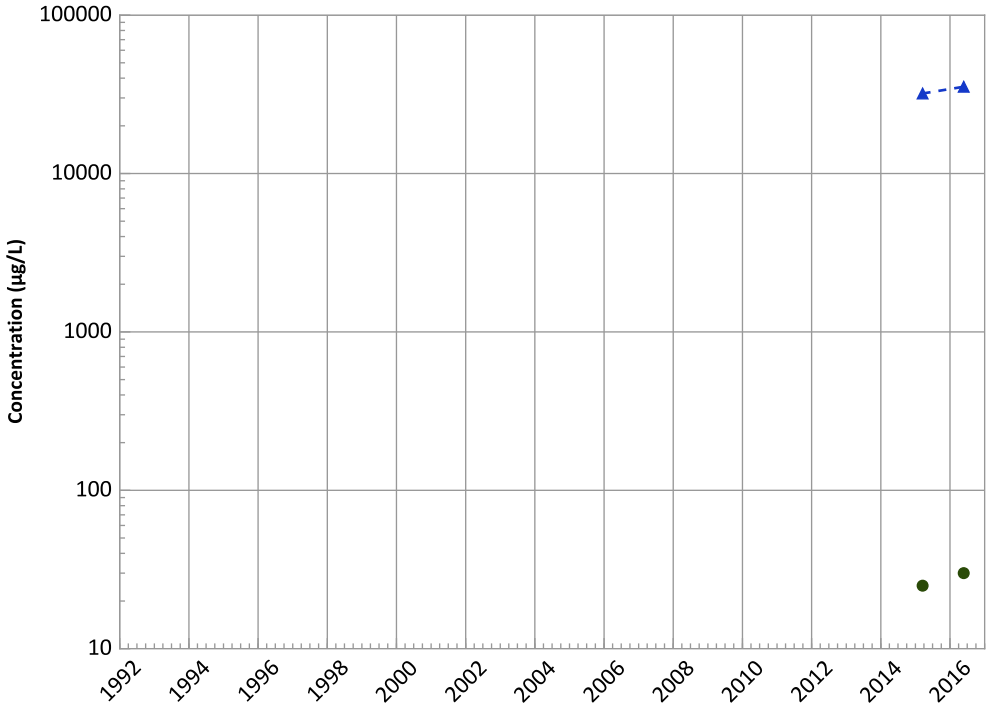


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

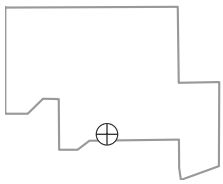
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/18/2015 to 05/25/2016
Analysis Date: 03/07/2017

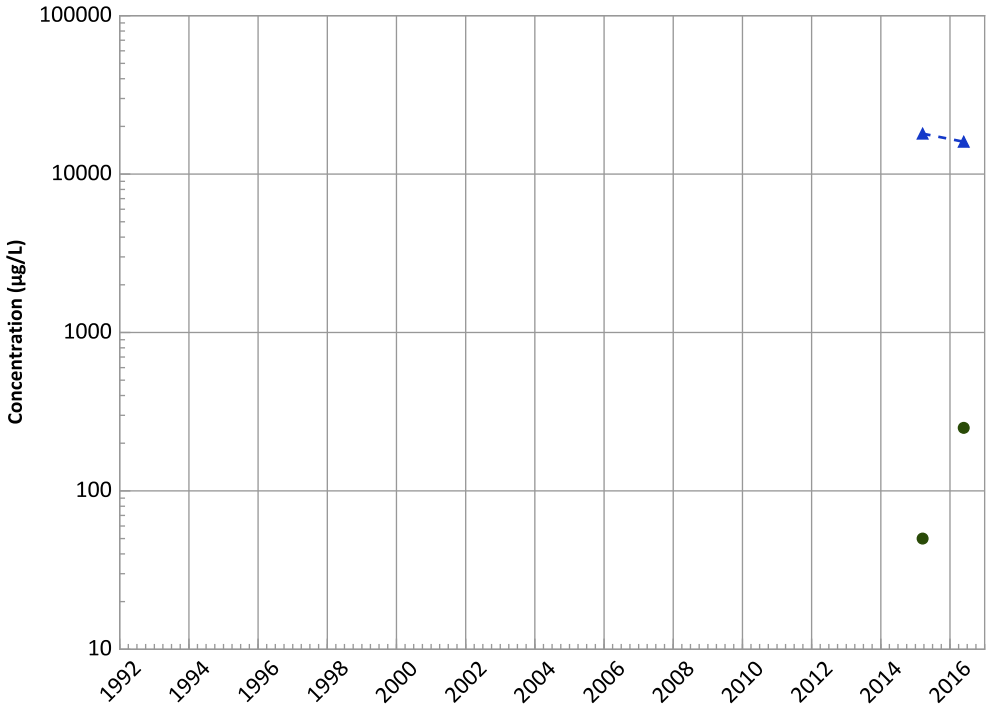
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

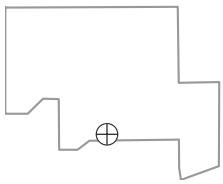
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

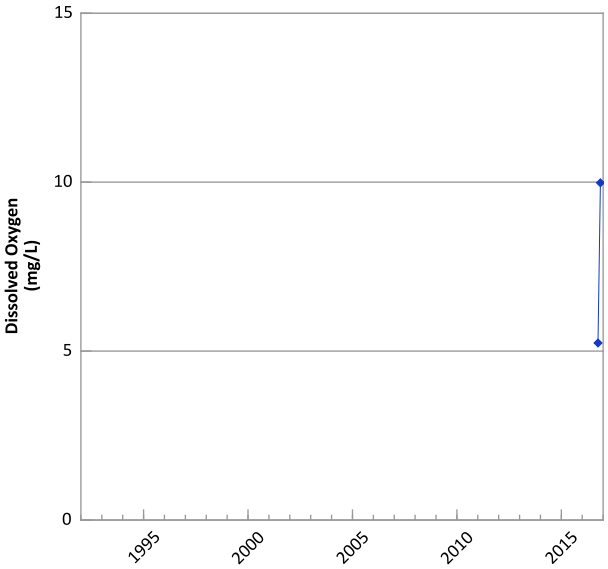
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 03/18/2015 to 05/25/2016
Analysis Date: 03/07/2017

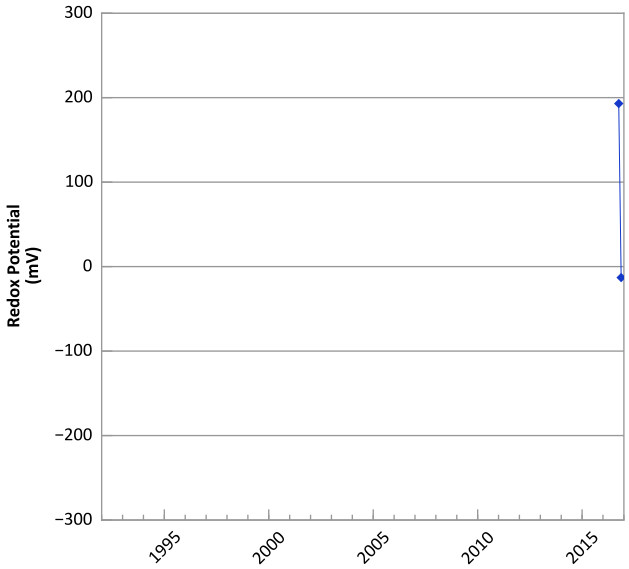
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

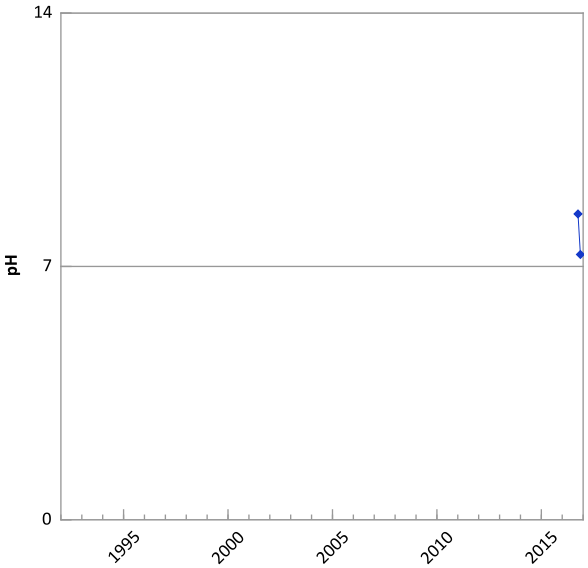
Well Location

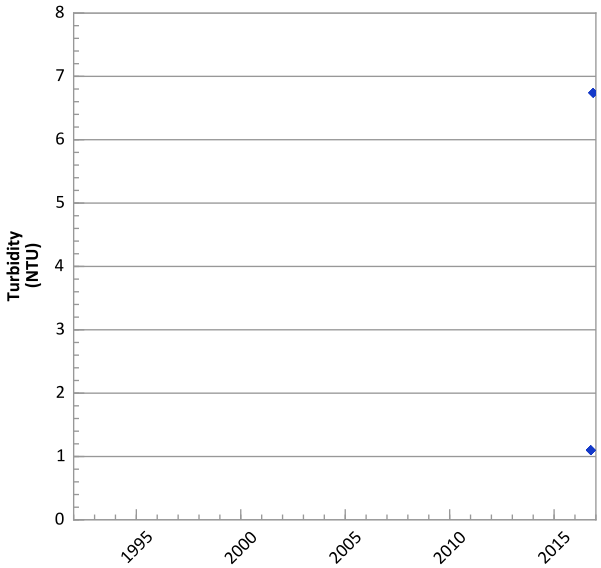


PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



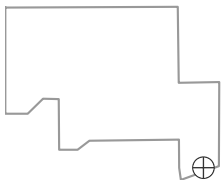






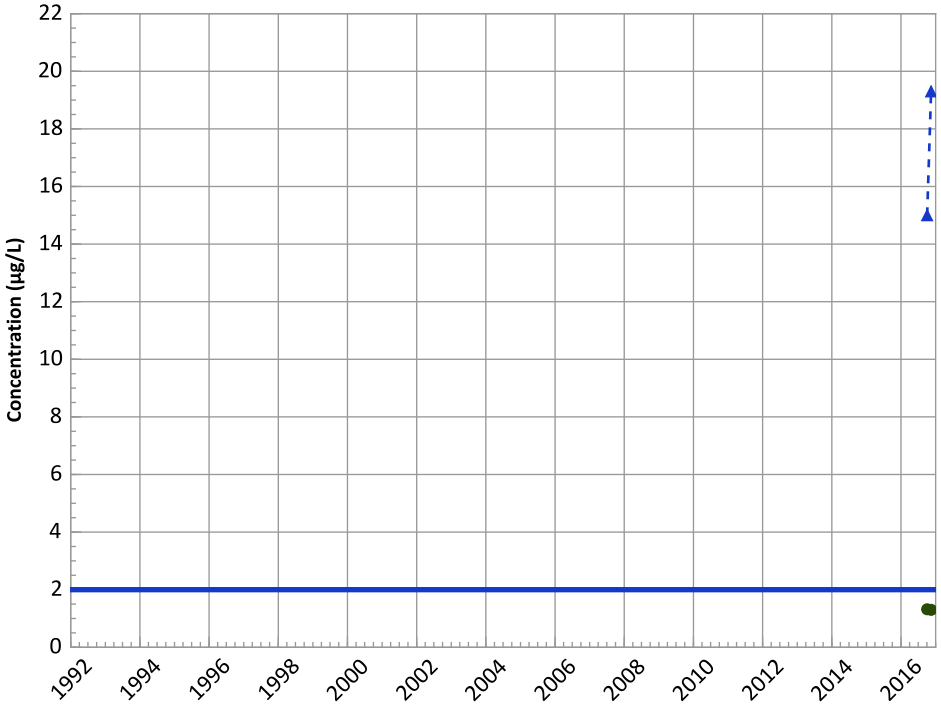
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/03/2016 to 11/14/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

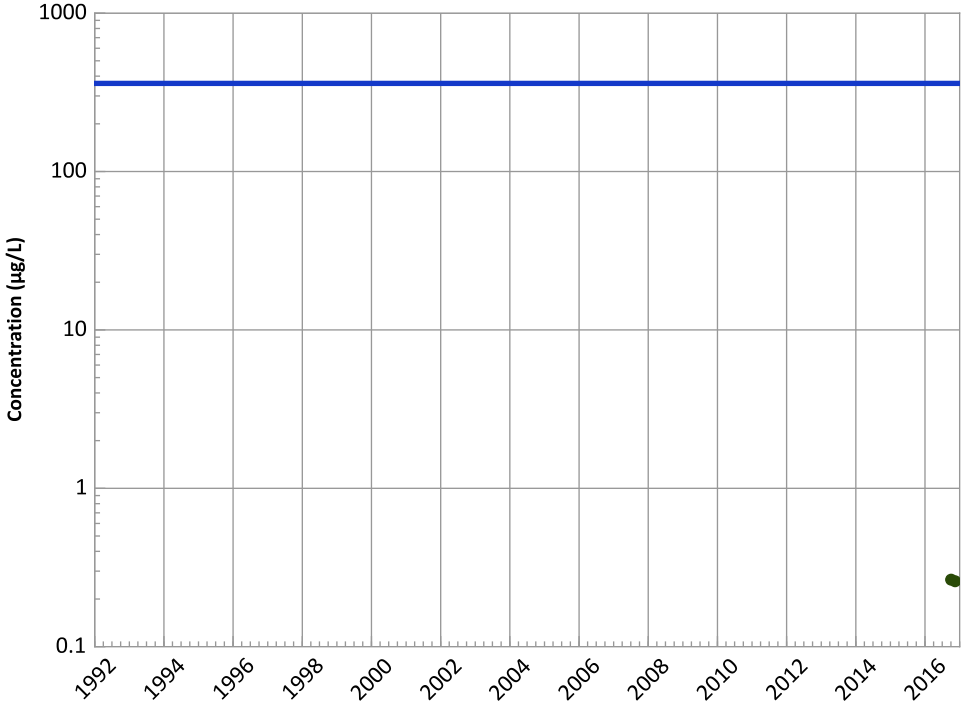


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

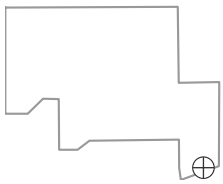
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/03/2016 to 11/14/2016
Analysis Date: 03/07/2017

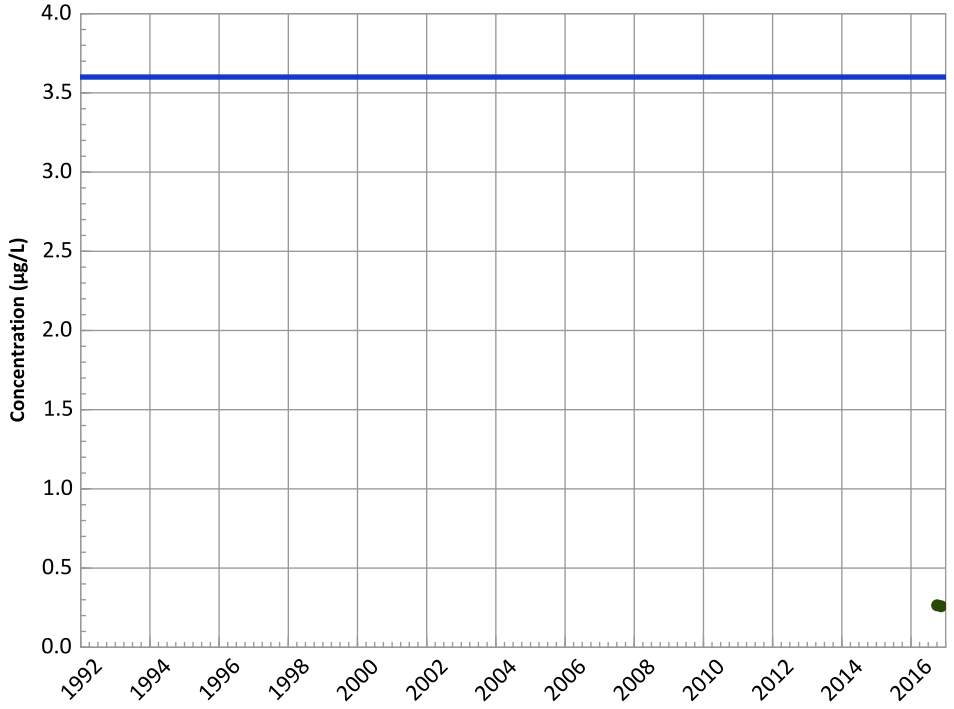
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

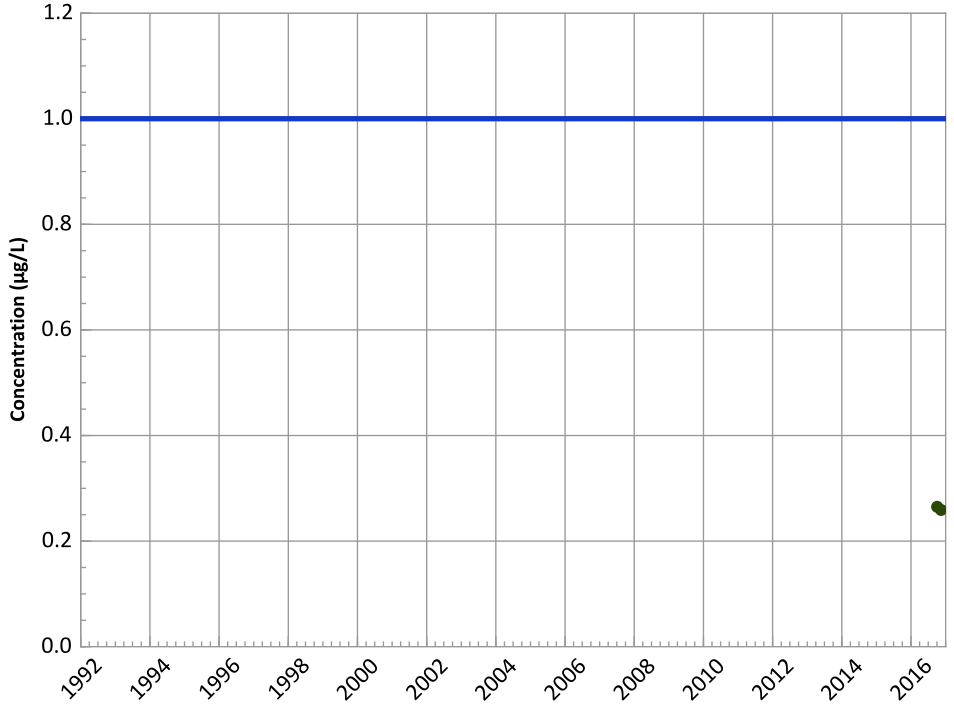


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

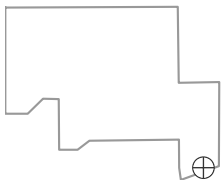
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/03/2016 to 11/14/2016
Analysis Date: 03/07/2017

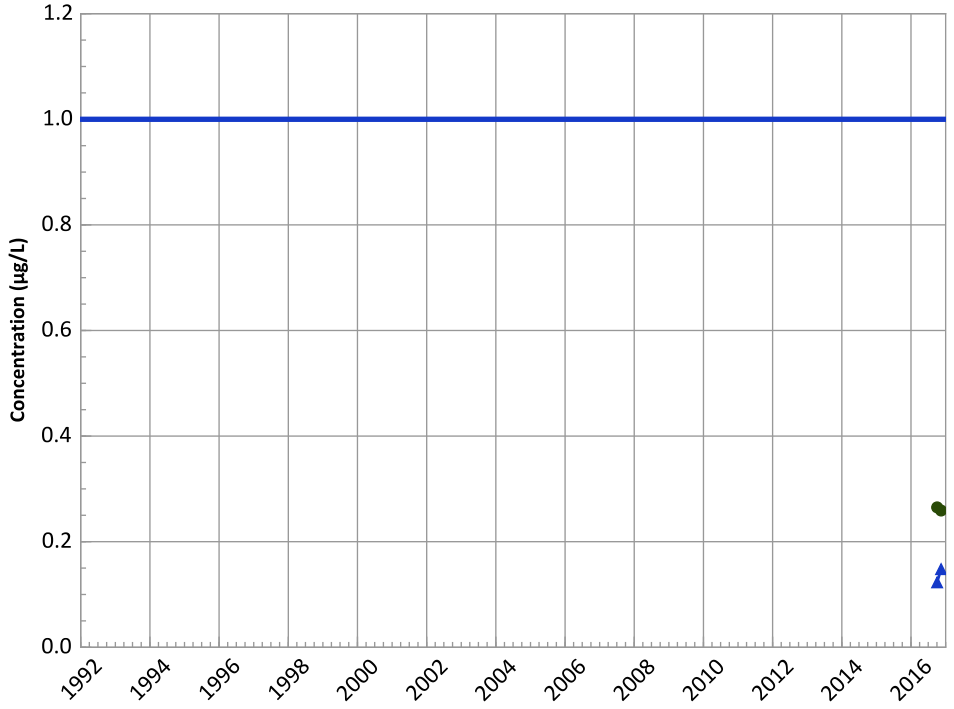
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

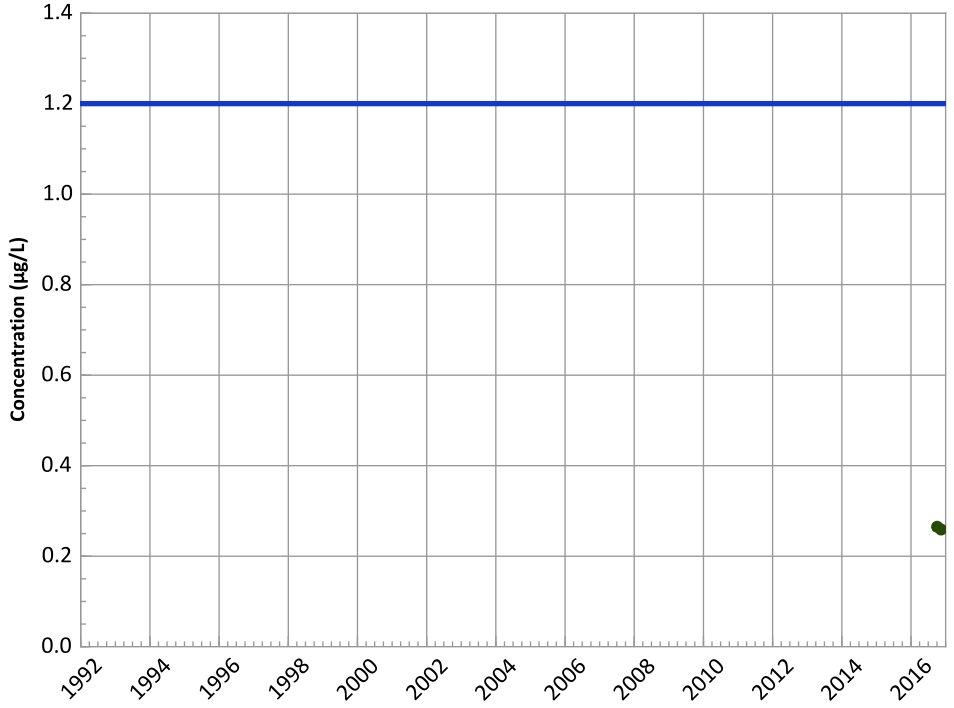


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

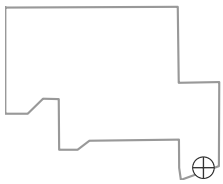
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/03/2016 to 11/14/2016
Analysis Date: 03/07/2017

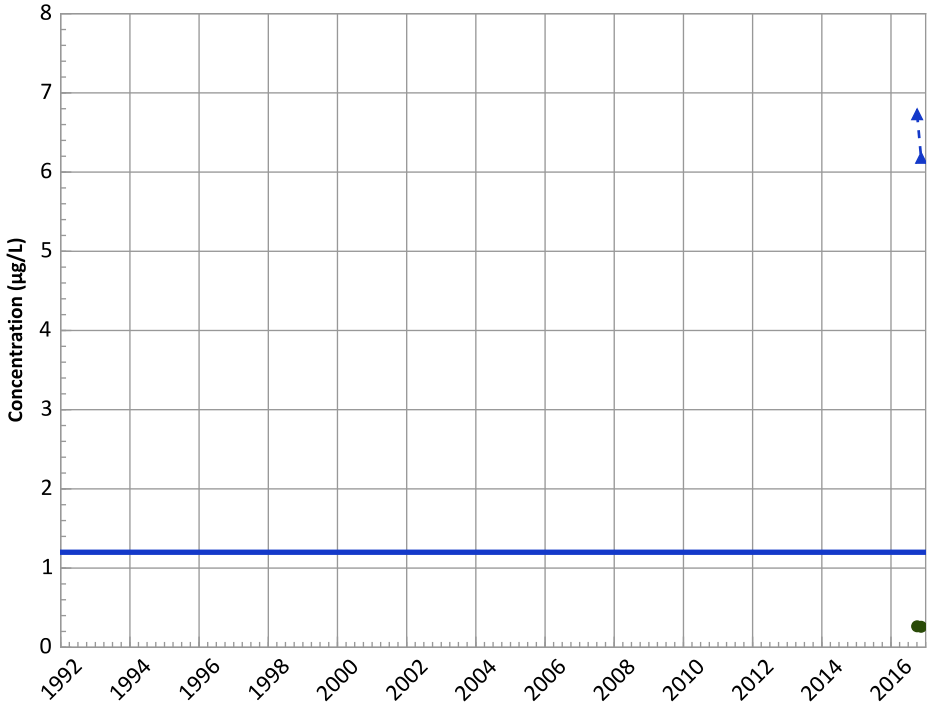
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

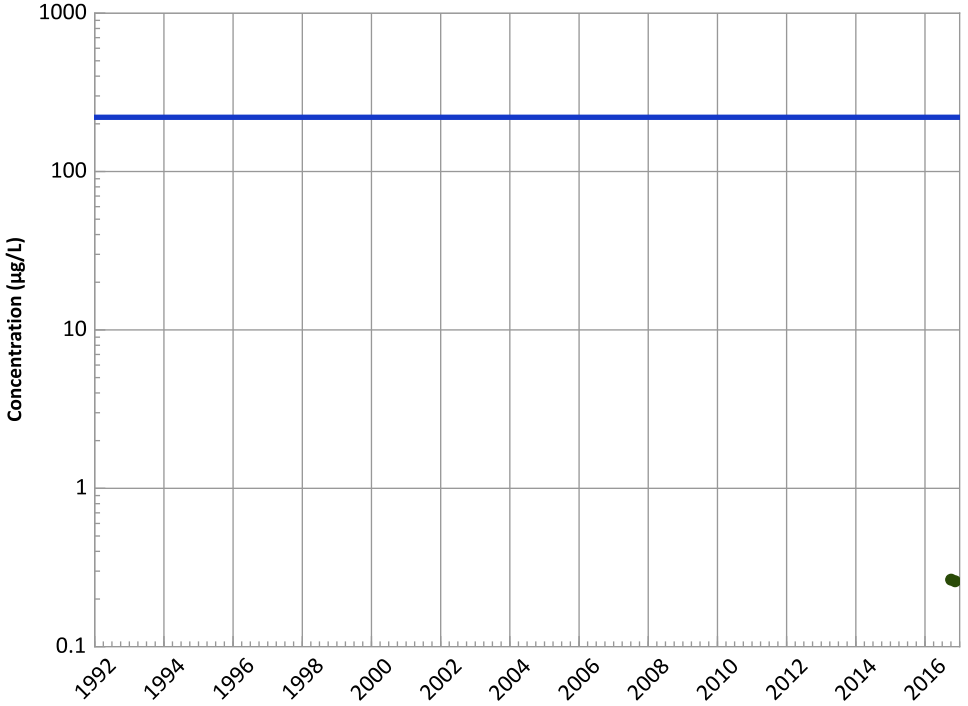


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

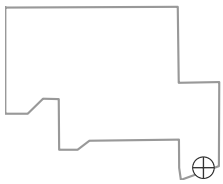
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/03/2016 to 11/14/2016
Analysis Date: 03/07/2017

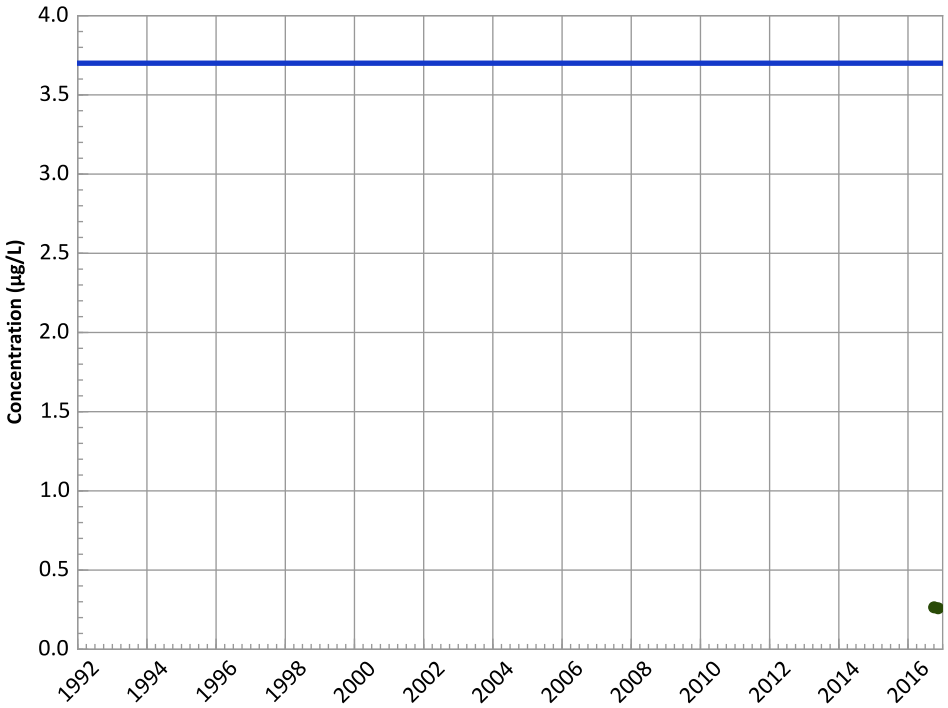
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

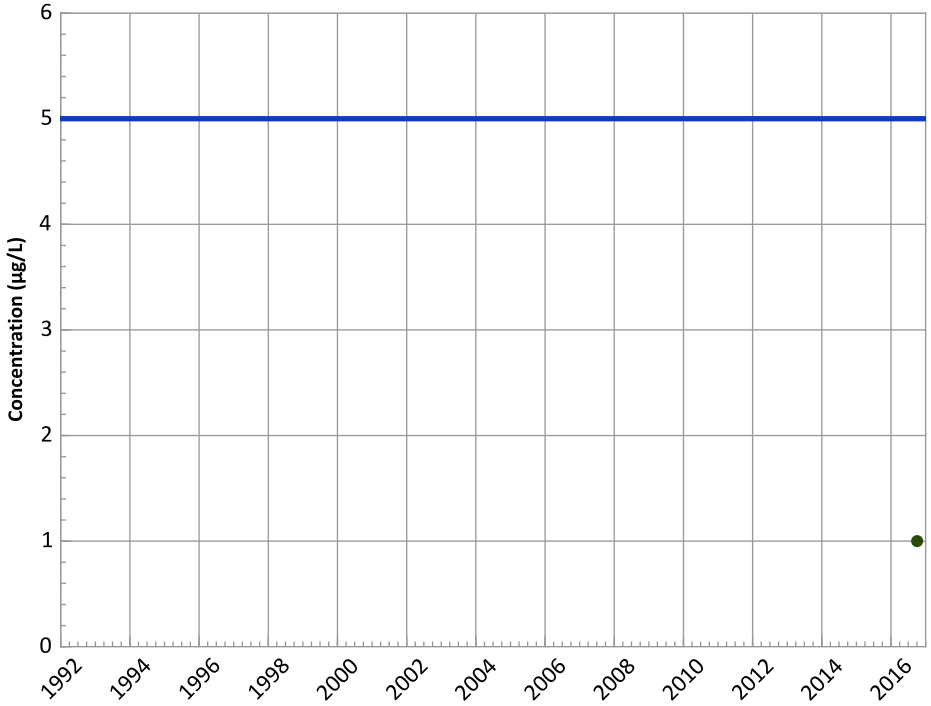


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

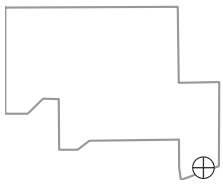
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/03/2016 to 11/14/2016
Analysis Date: 03/07/2017

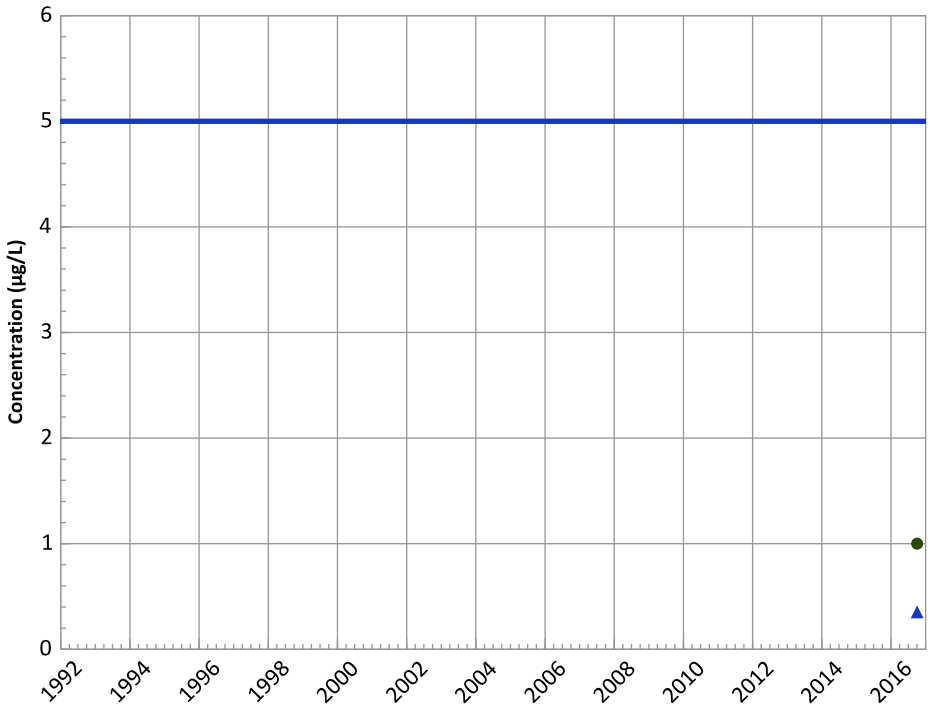
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

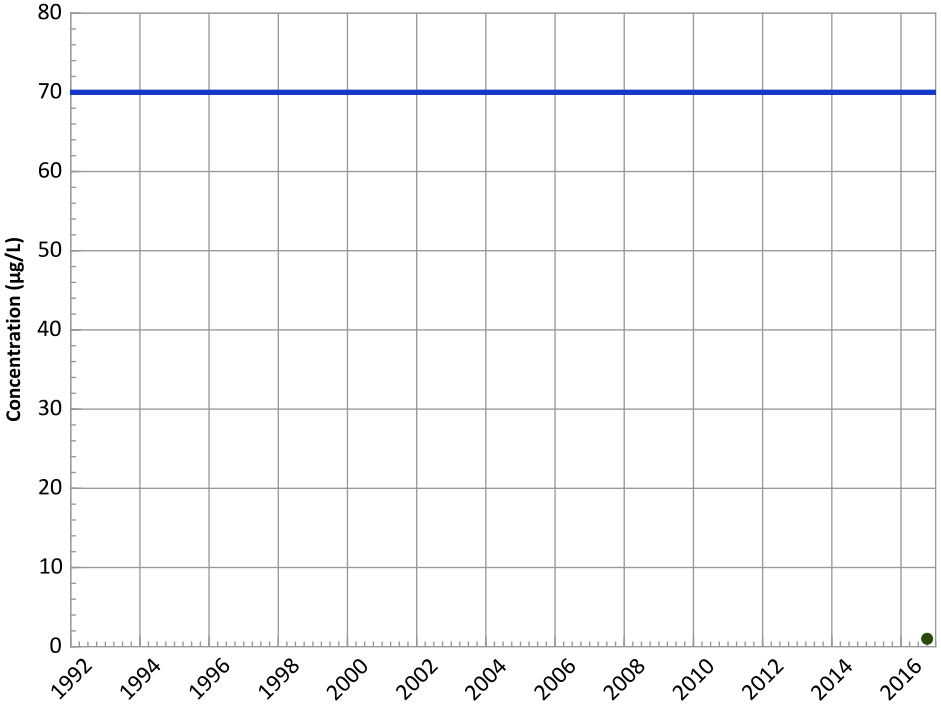


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend



Concentration Trend

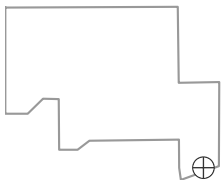
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/03/2016 to 11/14/2016
Analysis Date: 03/07/2017

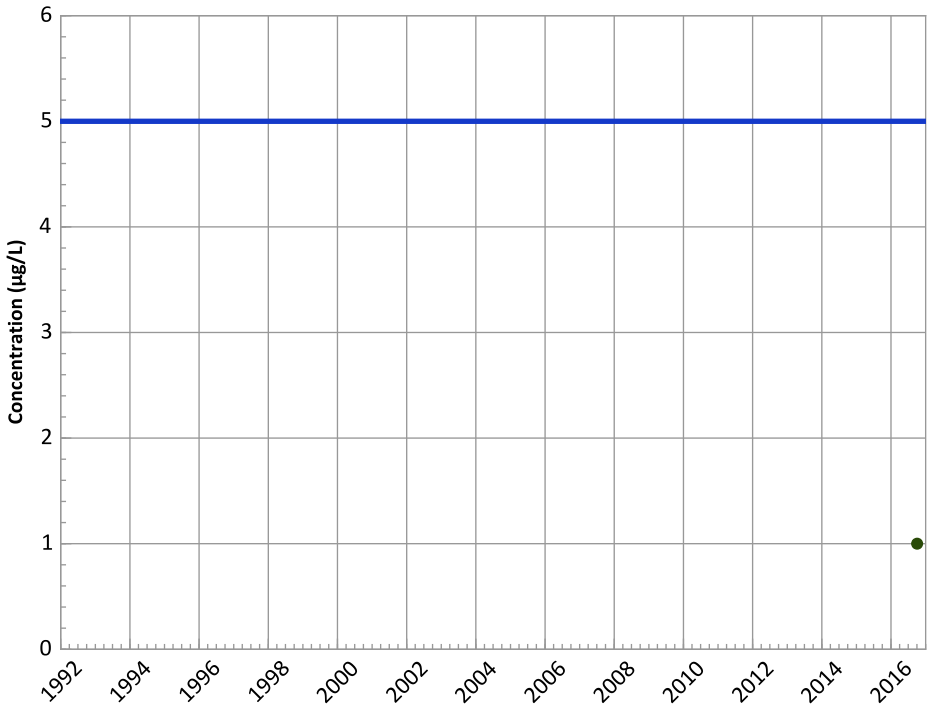
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

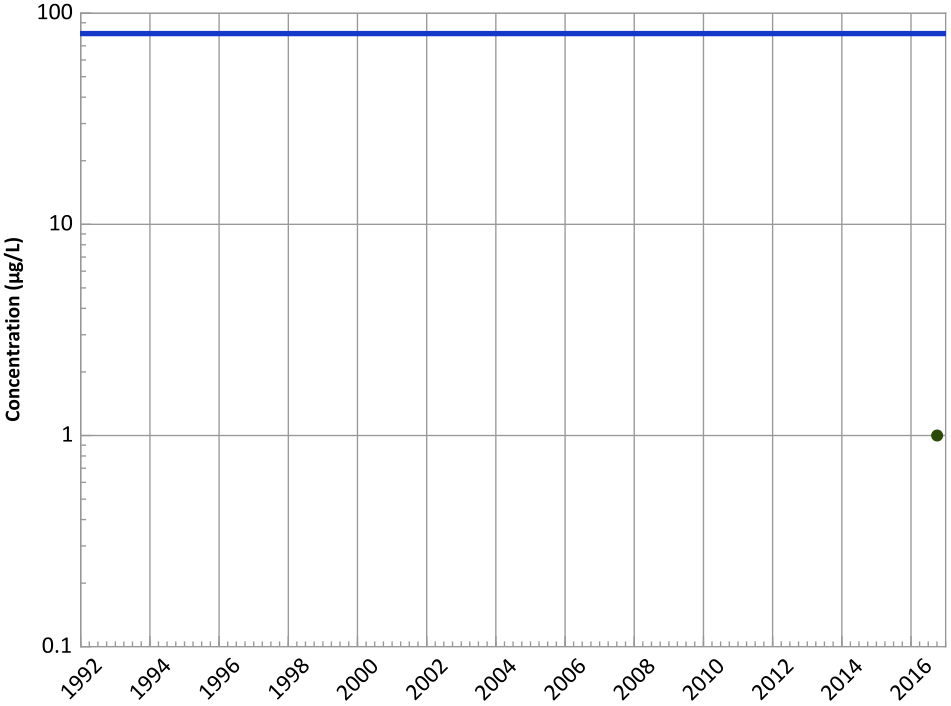


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Chloroform Trend



Concentration Trend

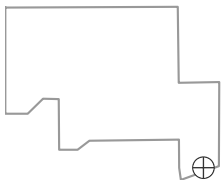
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/03/2016 to 11/14/2016
Analysis Date: 03/07/2017

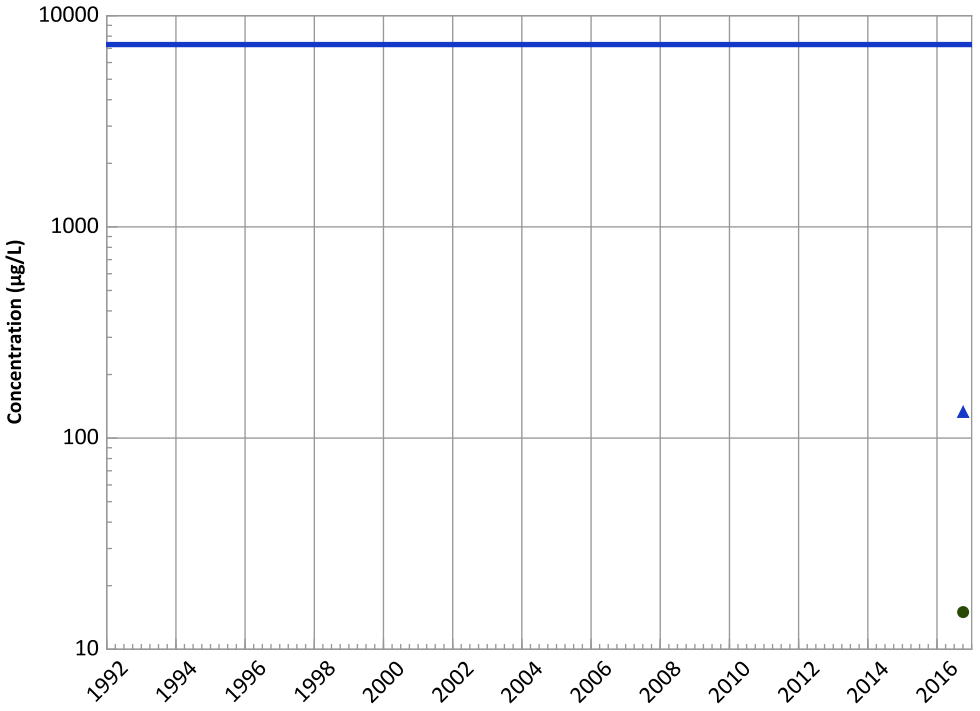
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

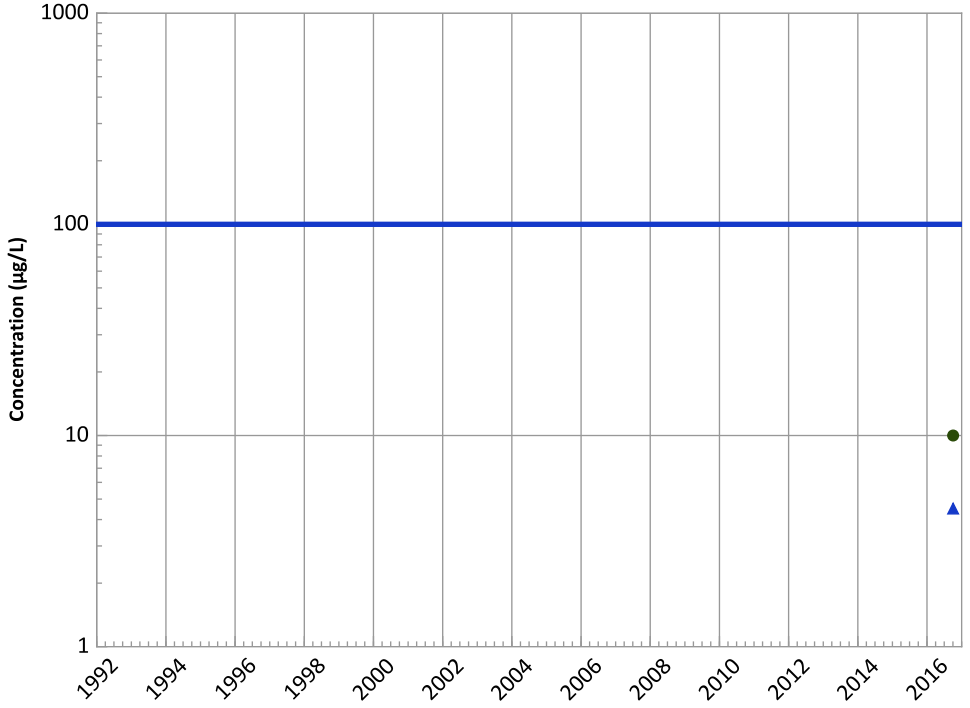


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Chromium, Total Trend



Concentration Trend

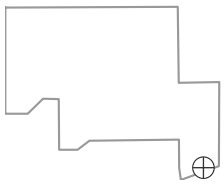
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/03/2016 to 11/14/2016
Analysis Date: 03/07/2017

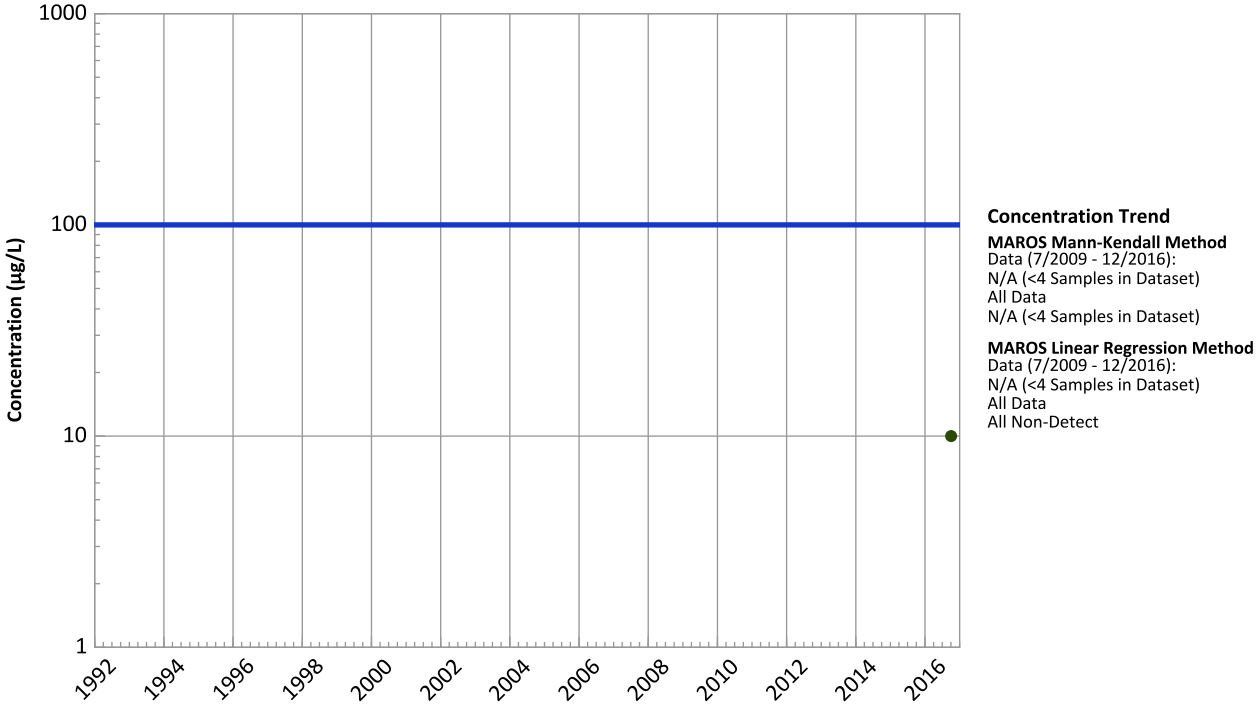
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

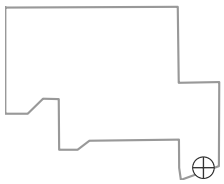
Chromium, Hexavalent Trend



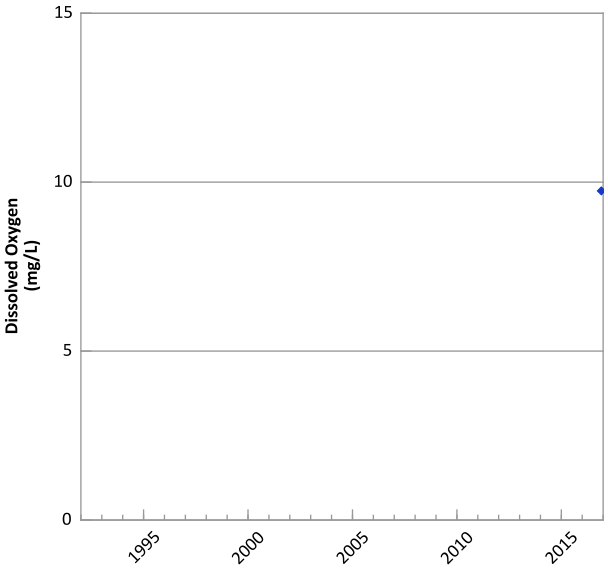
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/03/2016 to 11/14/2016
Analysis Date: 03/07/2017

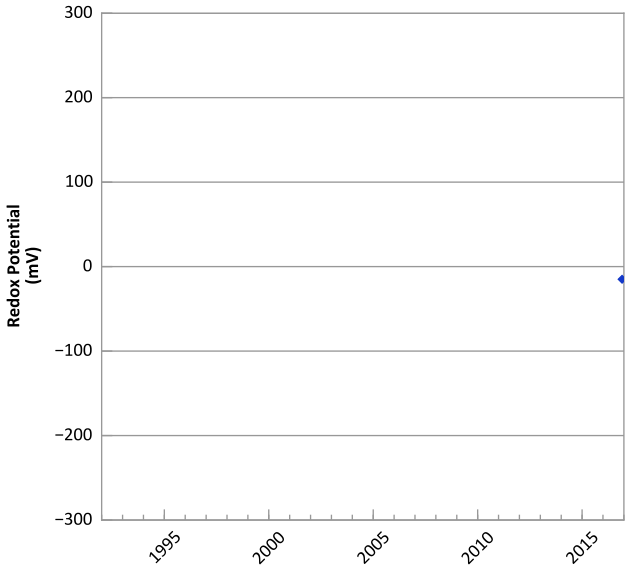
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

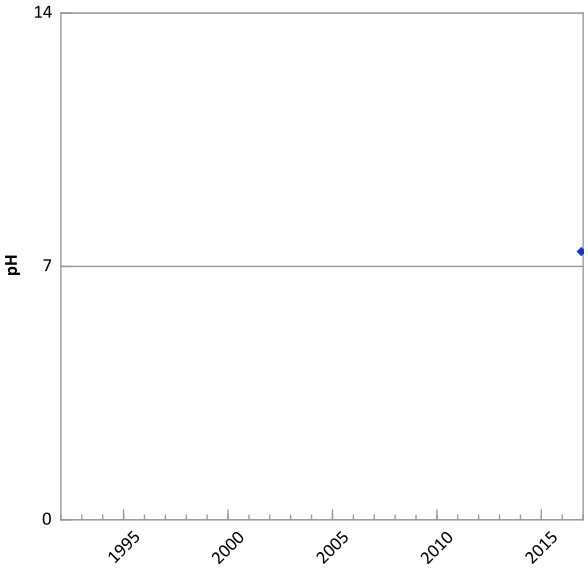
Well Location

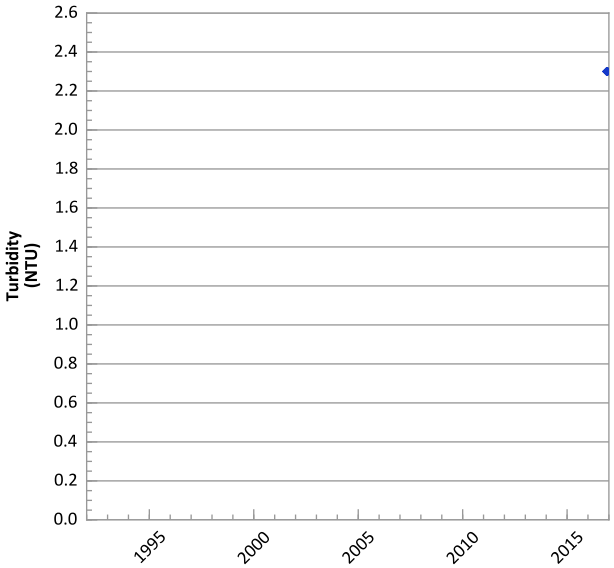


PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



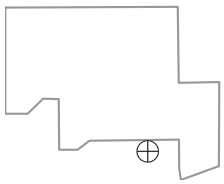






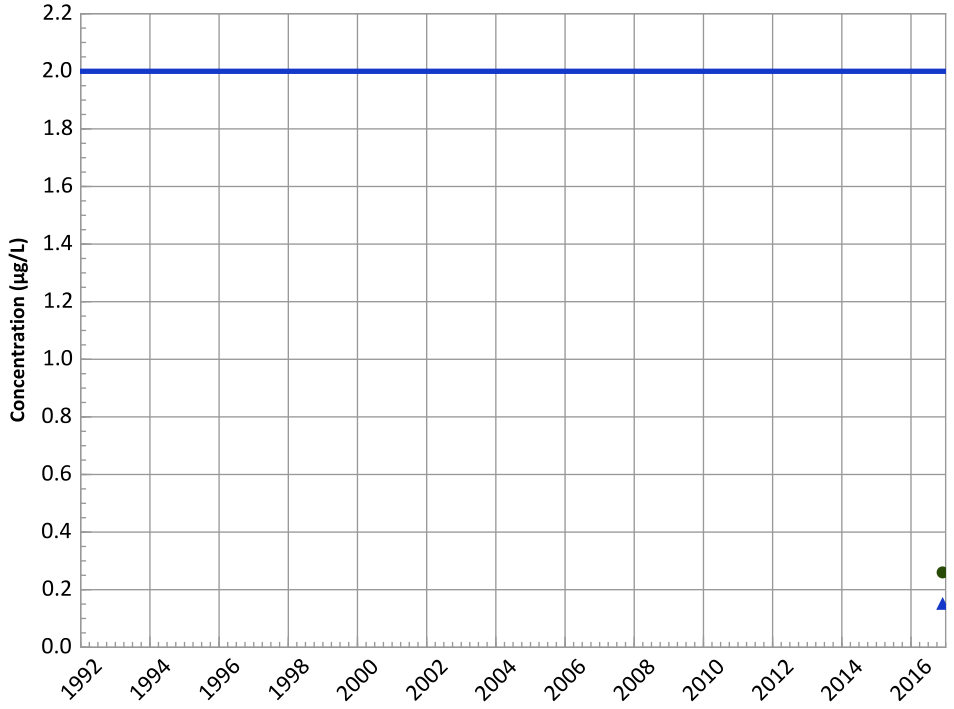
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/30/2016 to 11/30/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

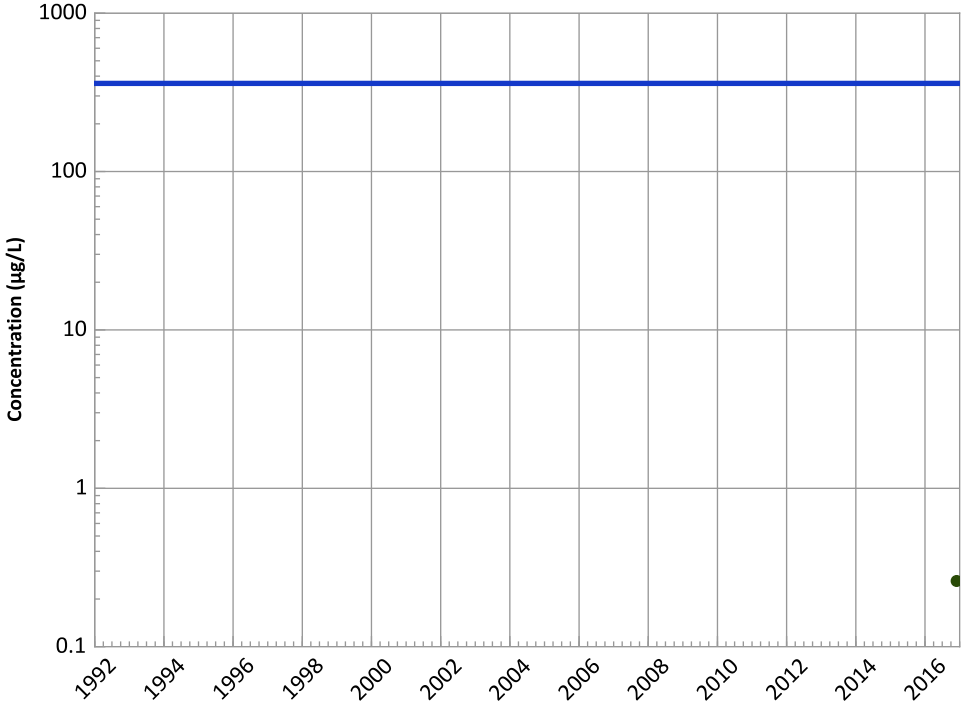


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

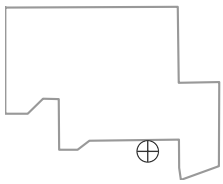
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/30/2016 to 11/30/2016
Analysis Date: 03/07/2017

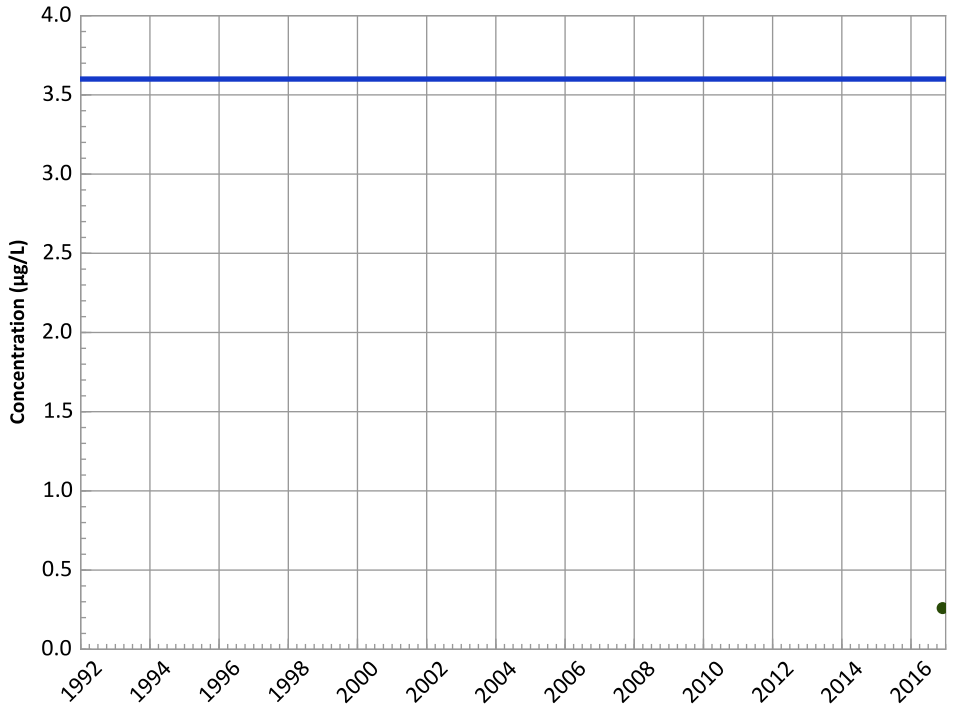
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

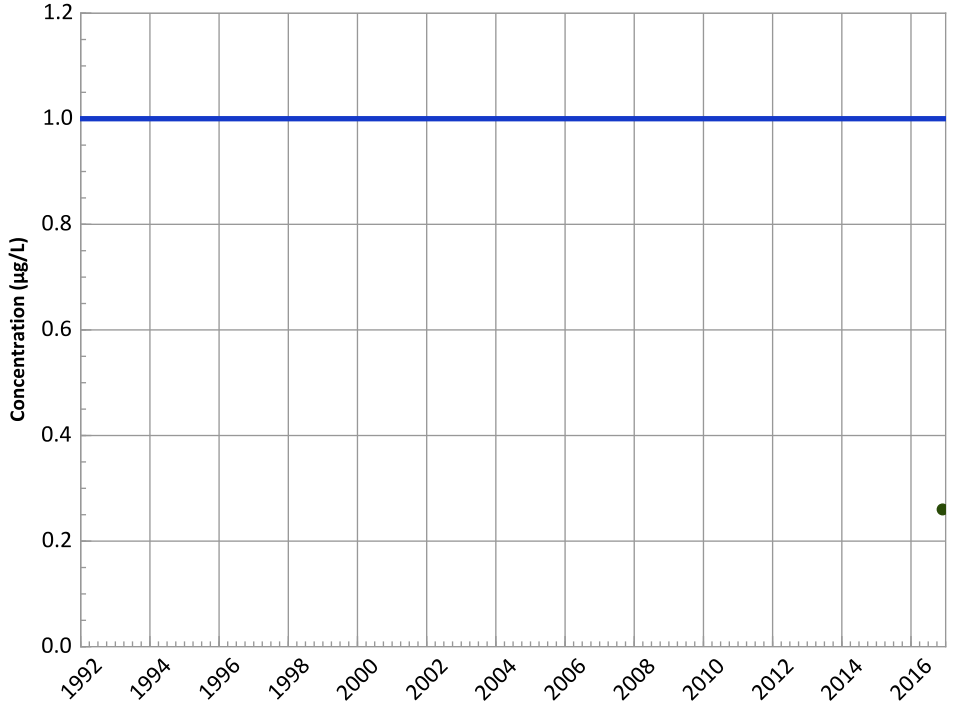


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

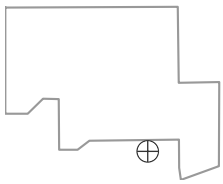
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/30/2016 to 11/30/2016
Analysis Date: 03/07/2017

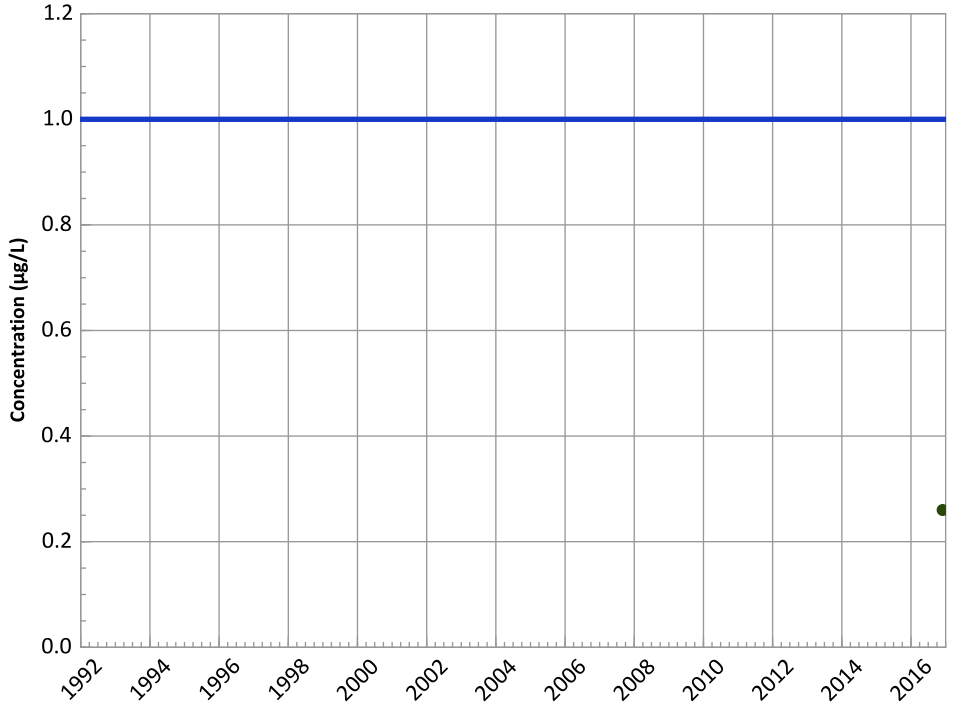
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

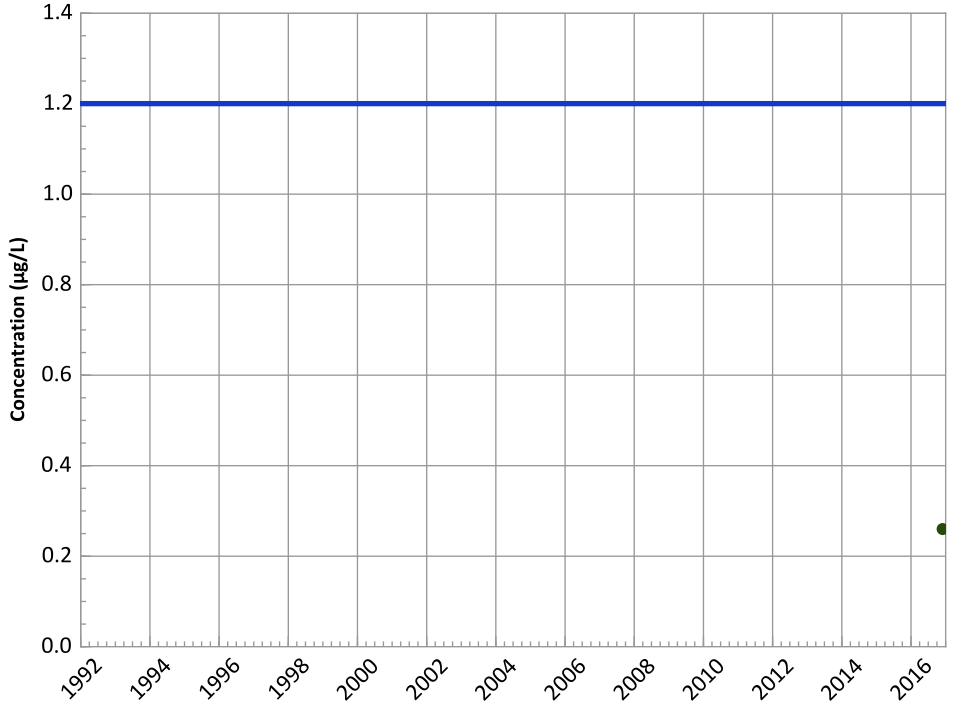


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

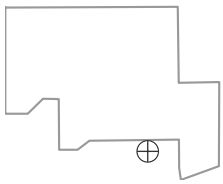
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/30/2016 to 11/30/2016
Analysis Date: 03/07/2017

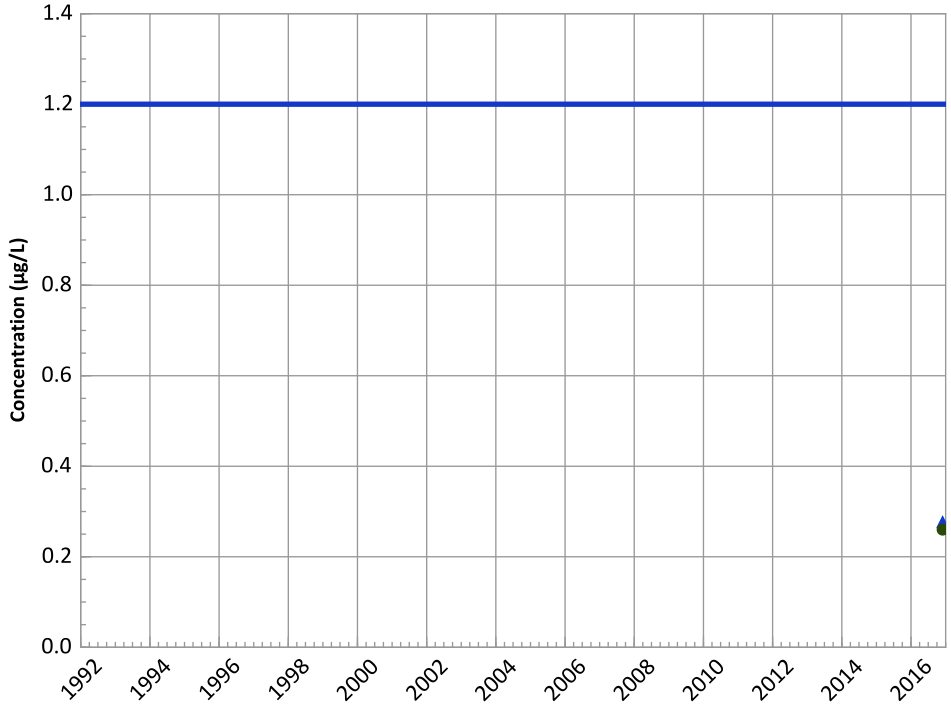
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

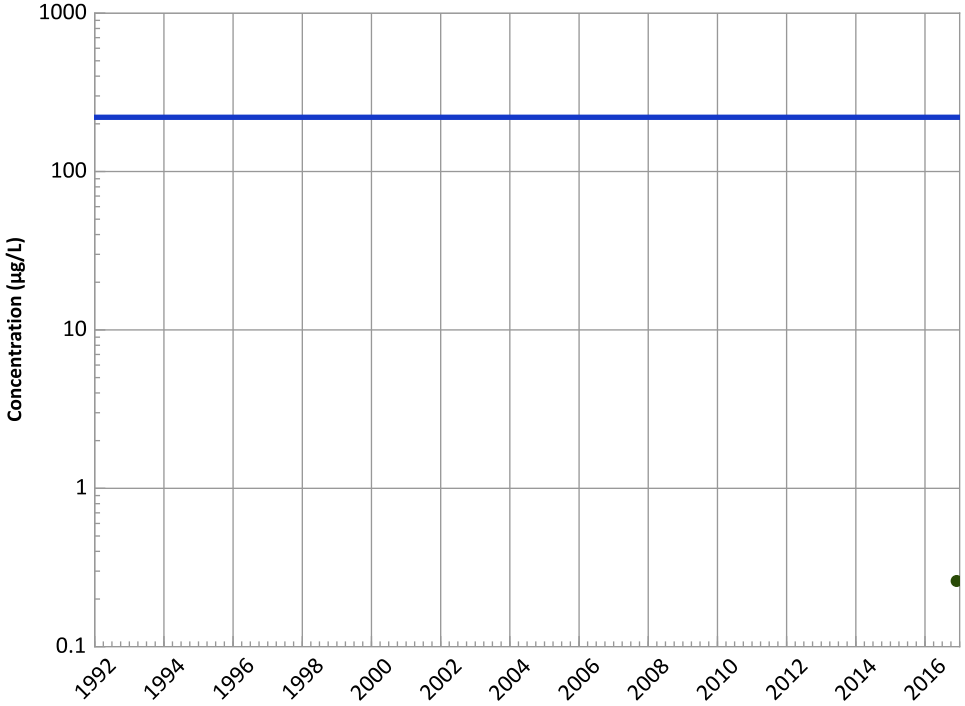


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

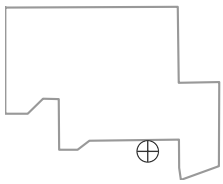
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/30/2016 to 11/30/2016
Analysis Date: 03/07/2017

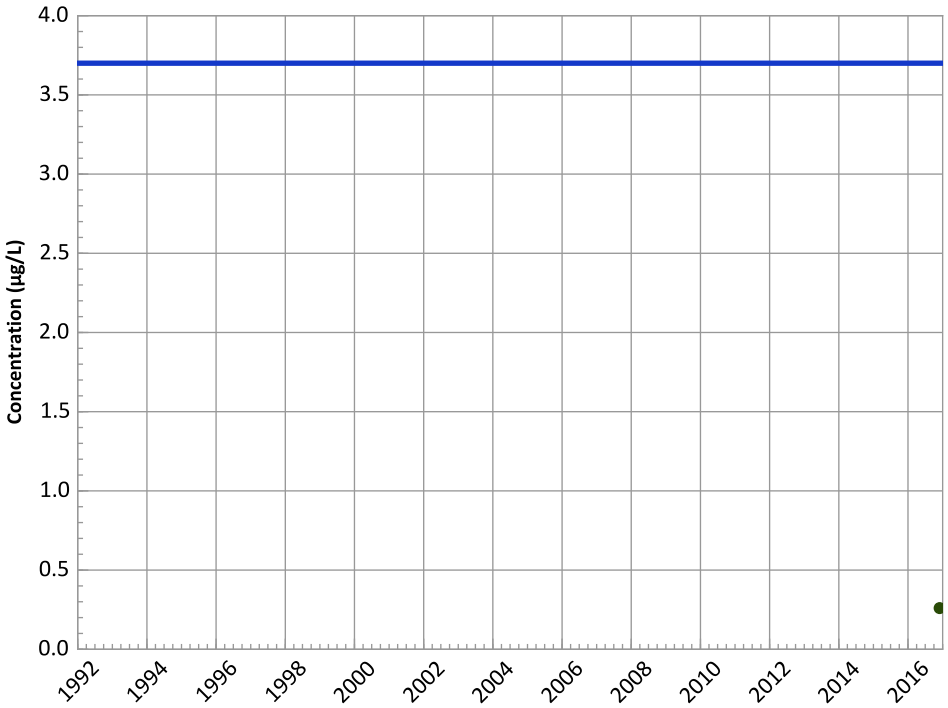
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

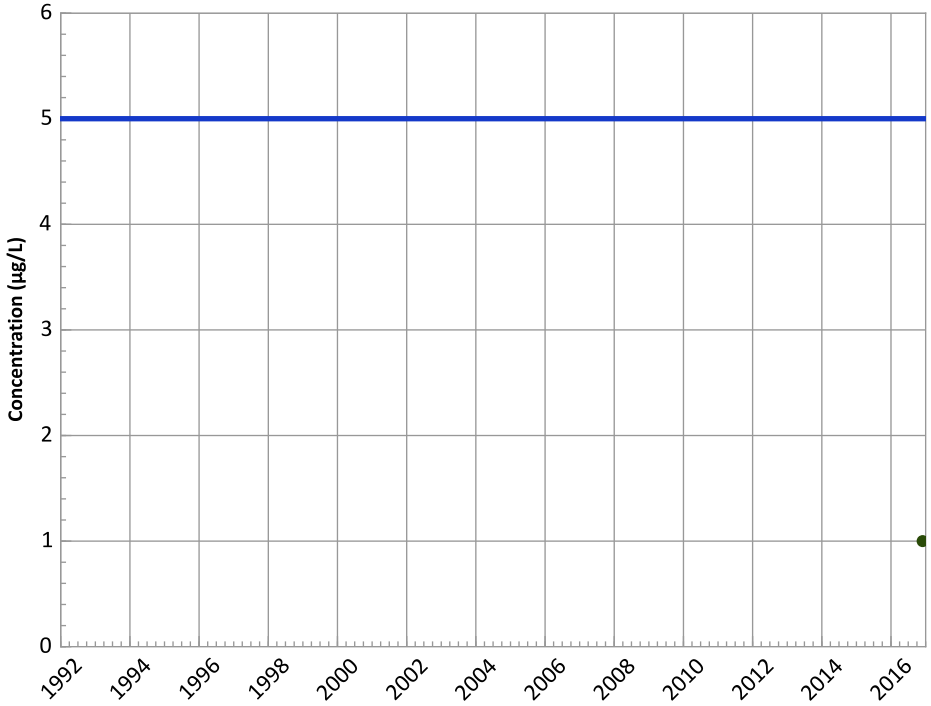


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

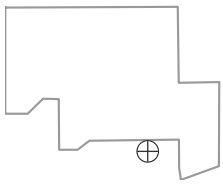
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/30/2016 to 11/30/2016
Analysis Date: 03/07/2017

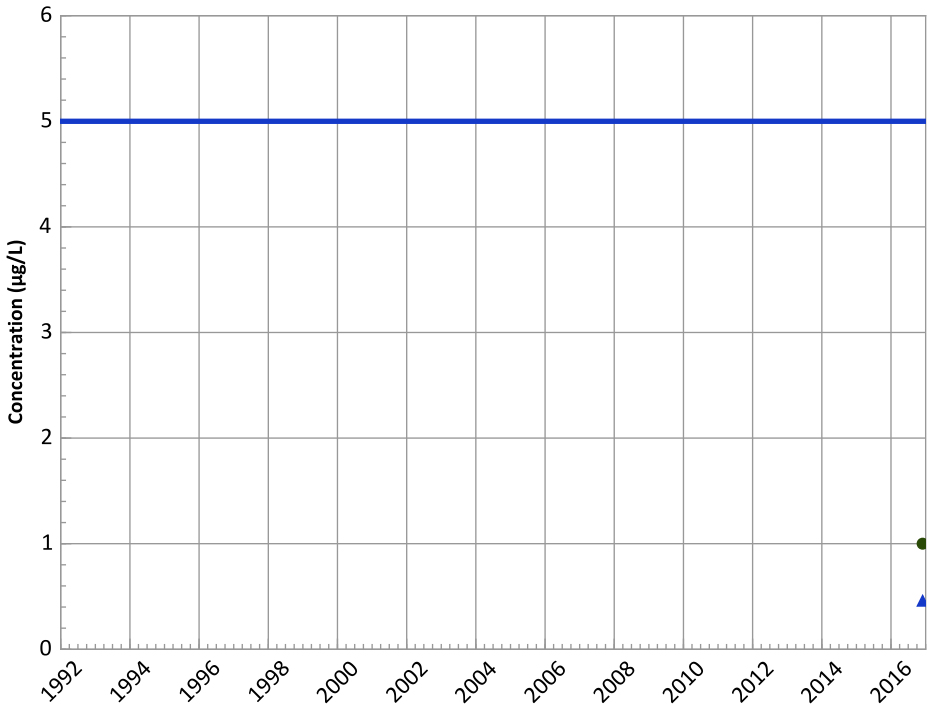
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

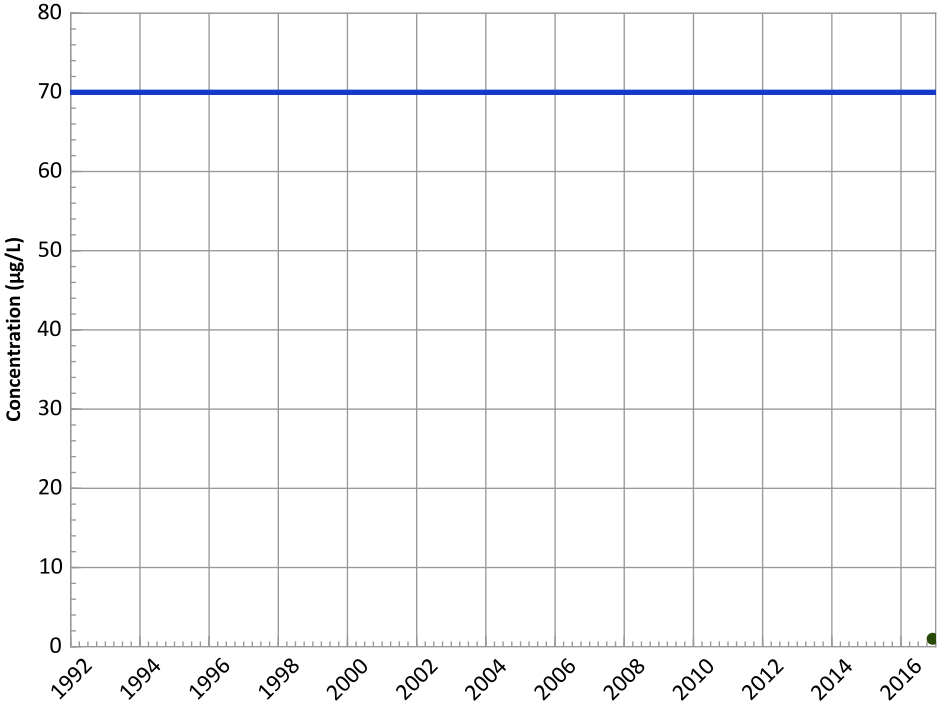


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend



Concentration Trend

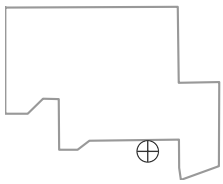
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/30/2016 to 11/30/2016
Analysis Date: 03/07/2017

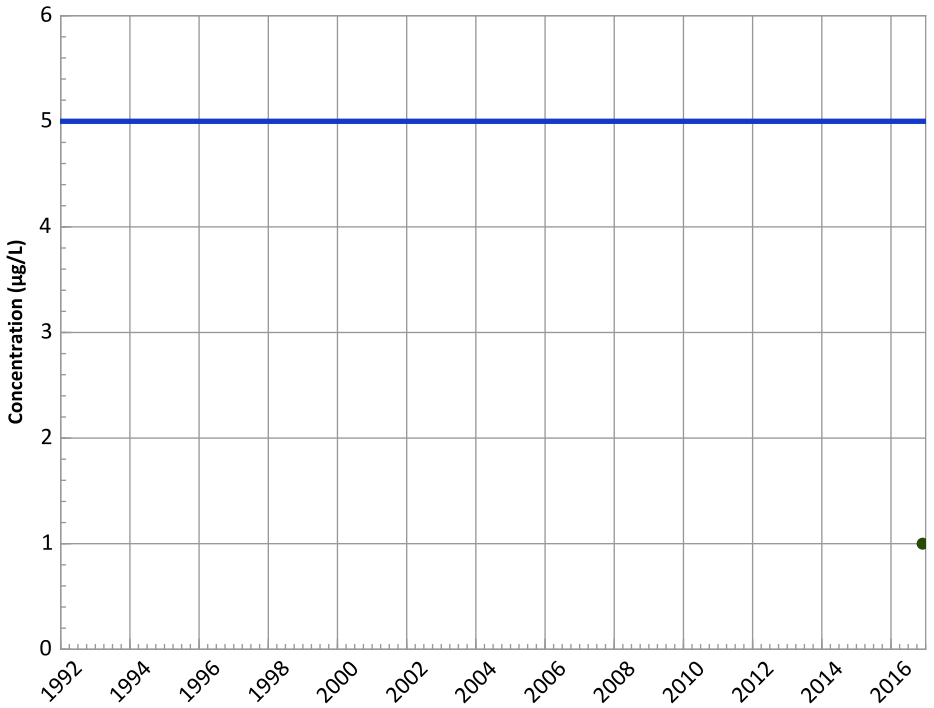
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

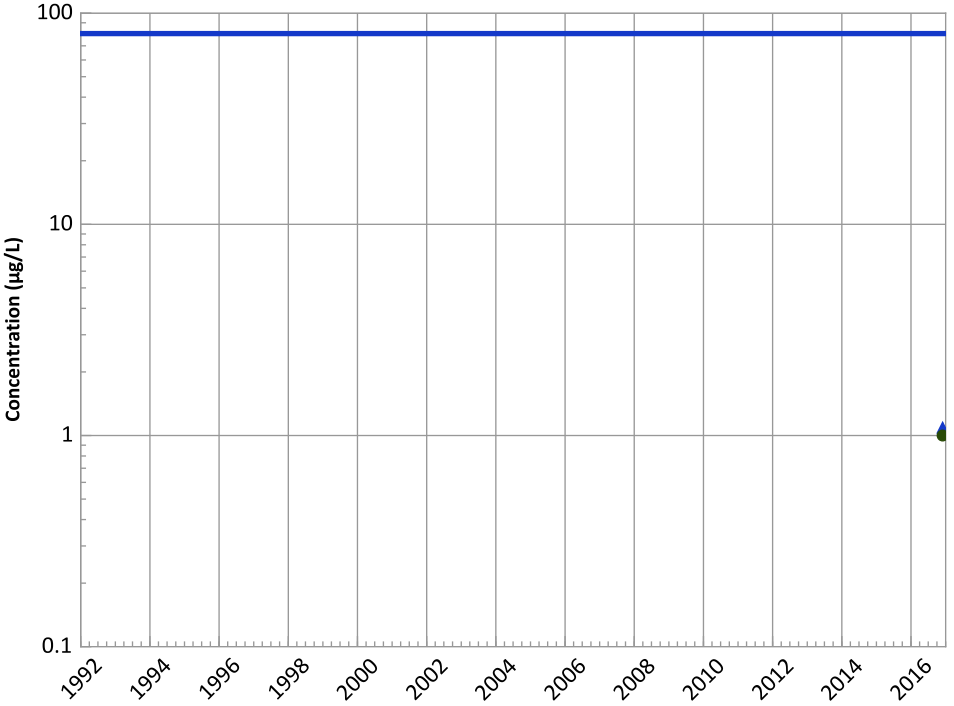


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Chloroform Trend



Concentration Trend

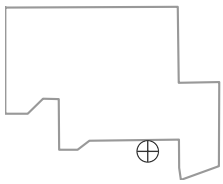
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/30/2016 to 11/30/2016
Analysis Date: 03/07/2017

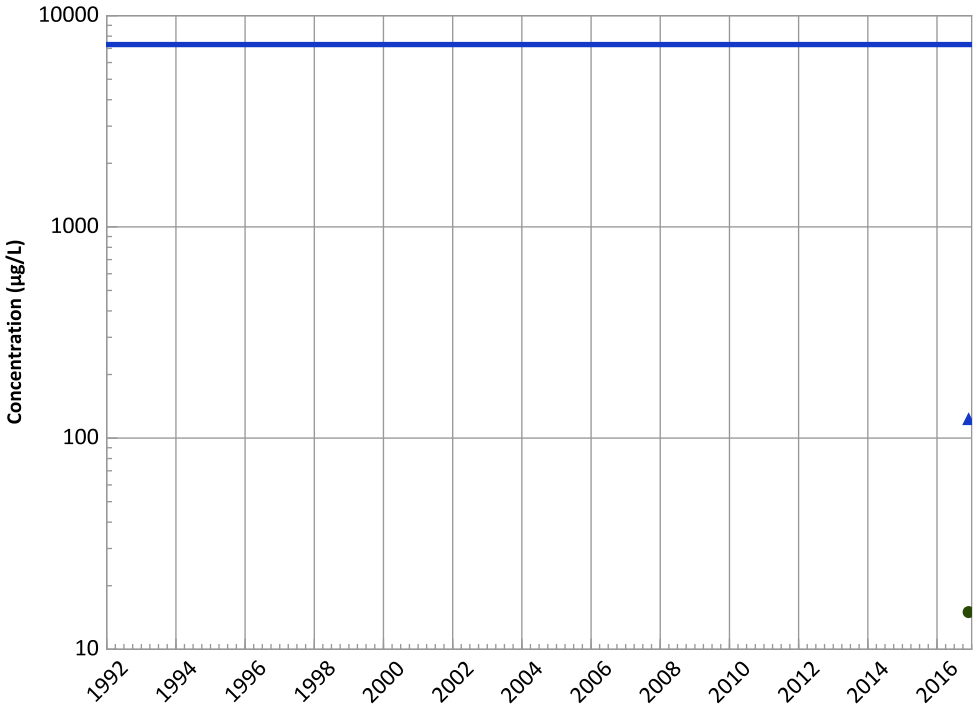
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

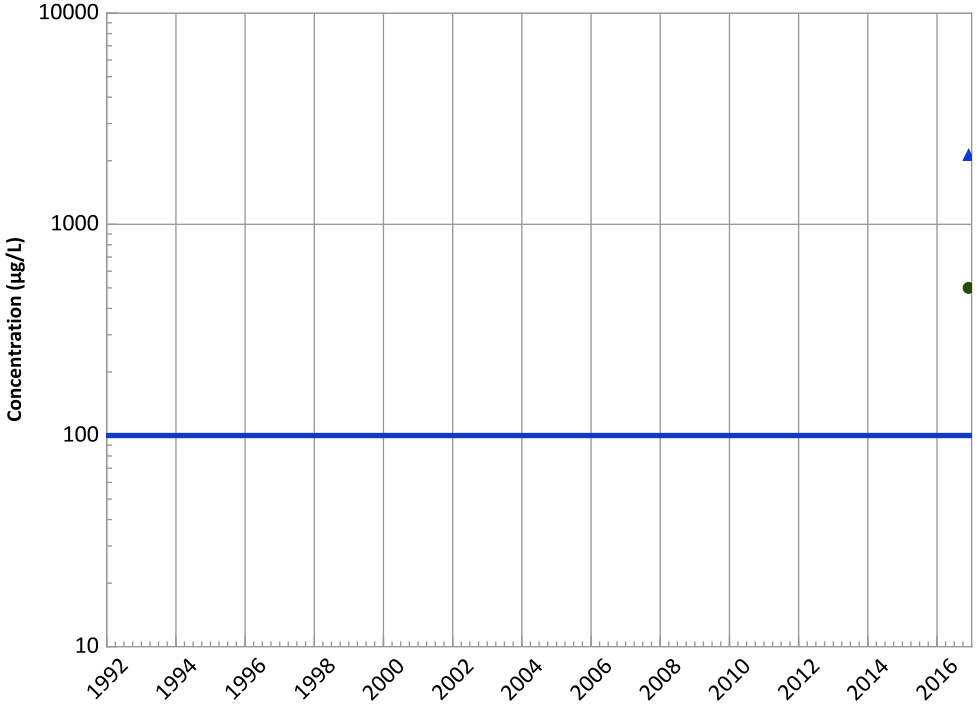


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Chromium, Total Trend



Concentration Trend

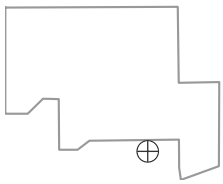
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/30/2016 to 11/30/2016
Analysis Date: 03/07/2017

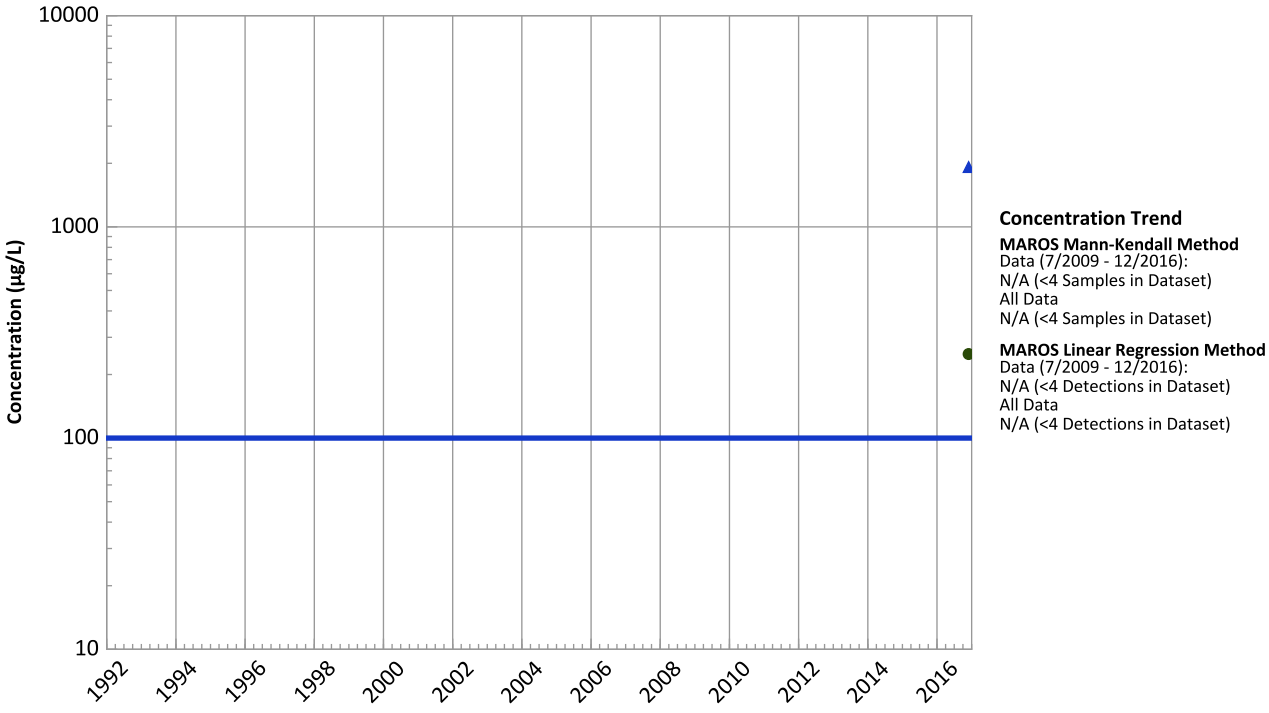
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

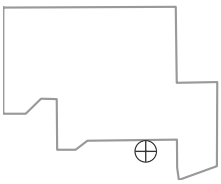
Chromium, Hexavalent Trend



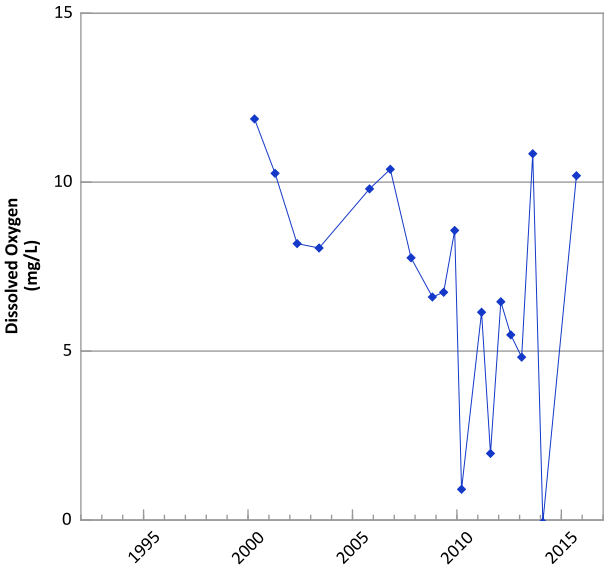
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/30/2016 to 11/30/2016
Analysis Date: 03/07/2017

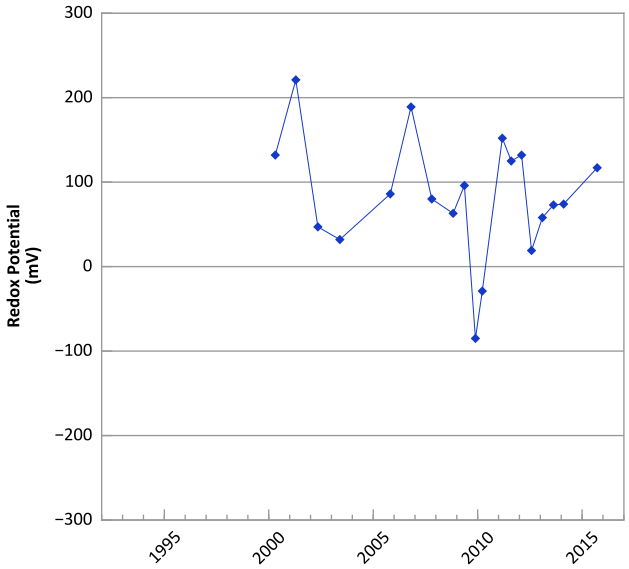
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

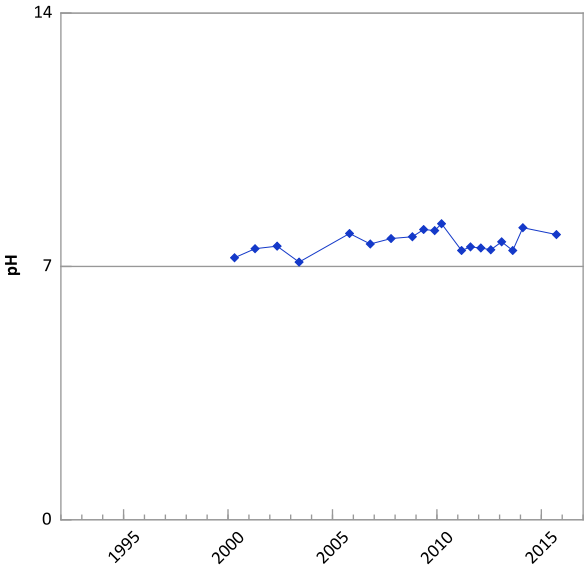
Well Location

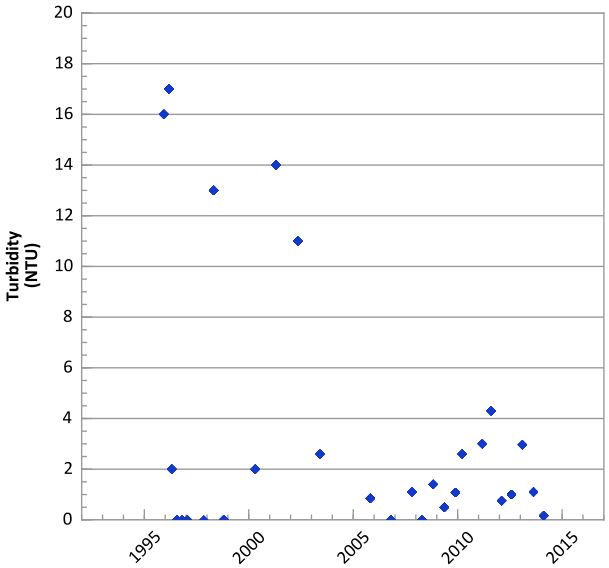


PTX07-1O01 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



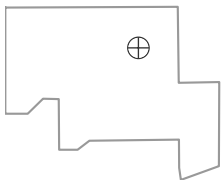






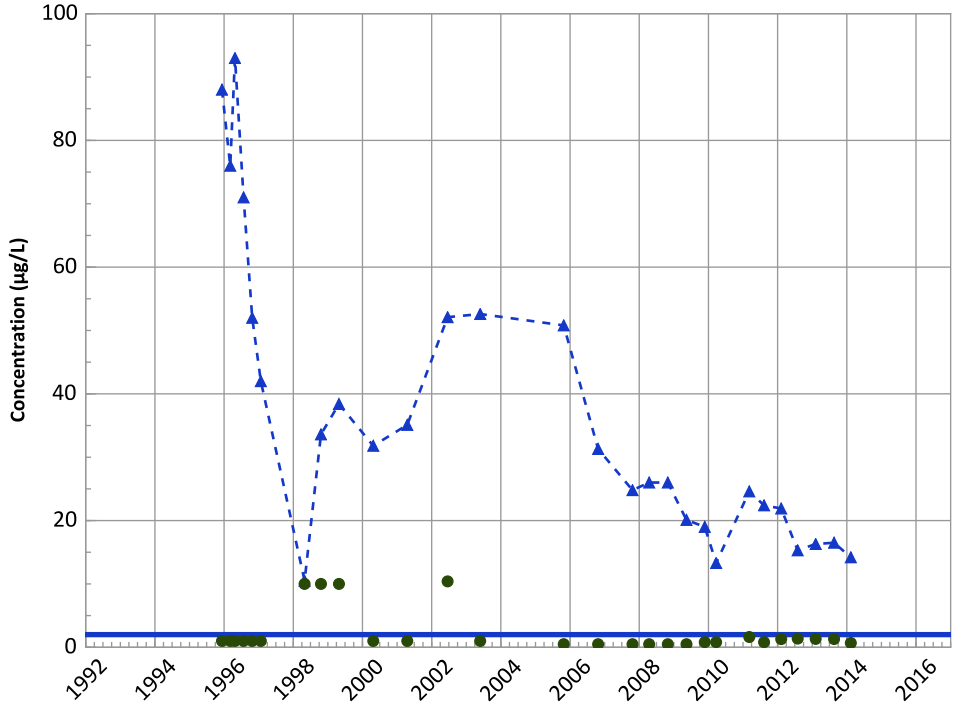
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/10/1995 to 02/12/2014
Analysis Date: 03/07/2017

Well Location



PTX07-1O01 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

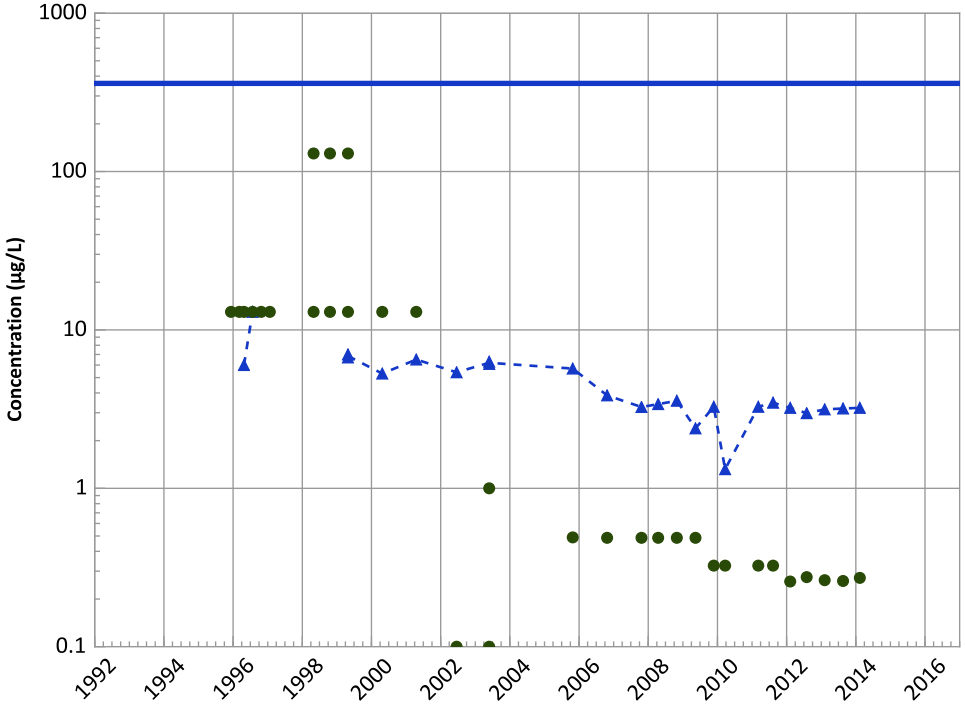


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

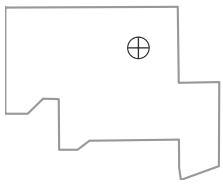
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/10/1995 to 02/12/2014
Analysis Date: 03/07/2017

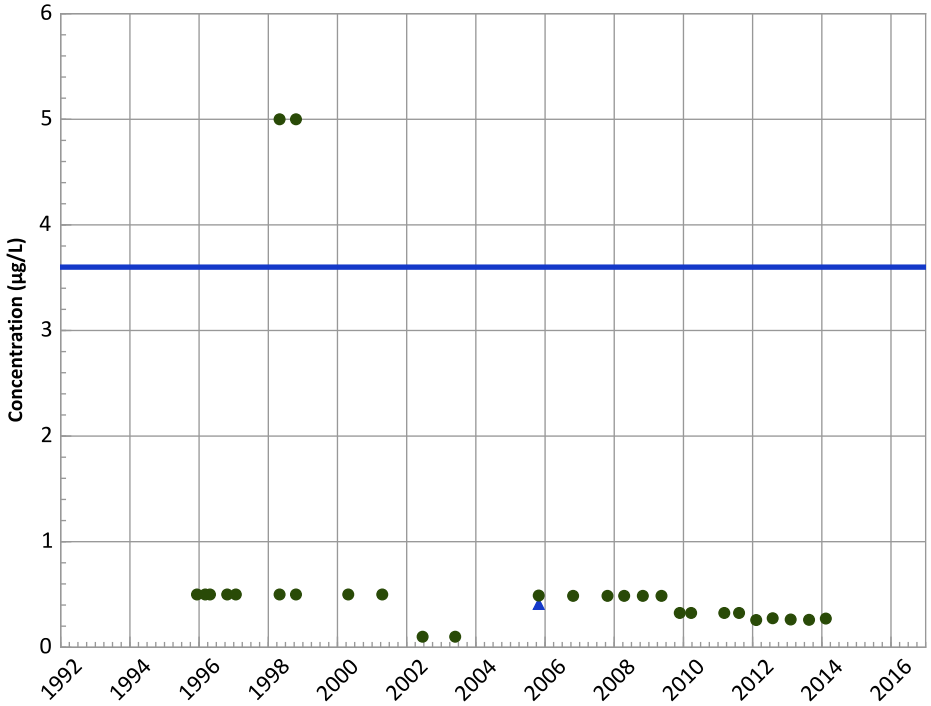
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O01 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

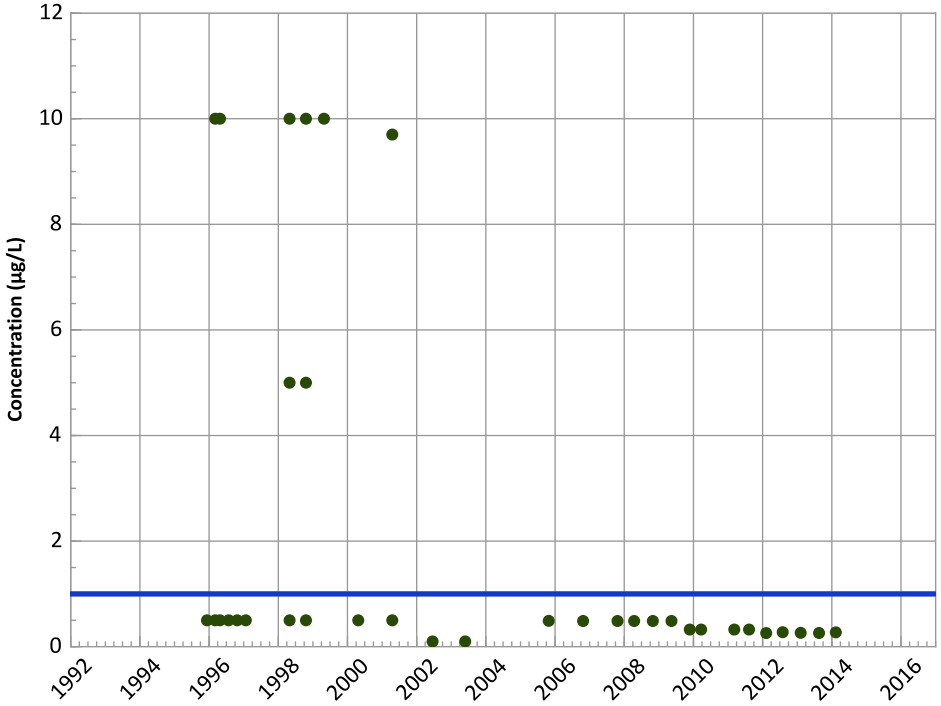


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

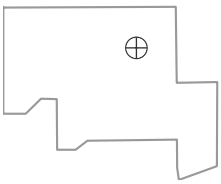
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/10/1995 to 02/12/2014
Analysis Date: 03/07/2017

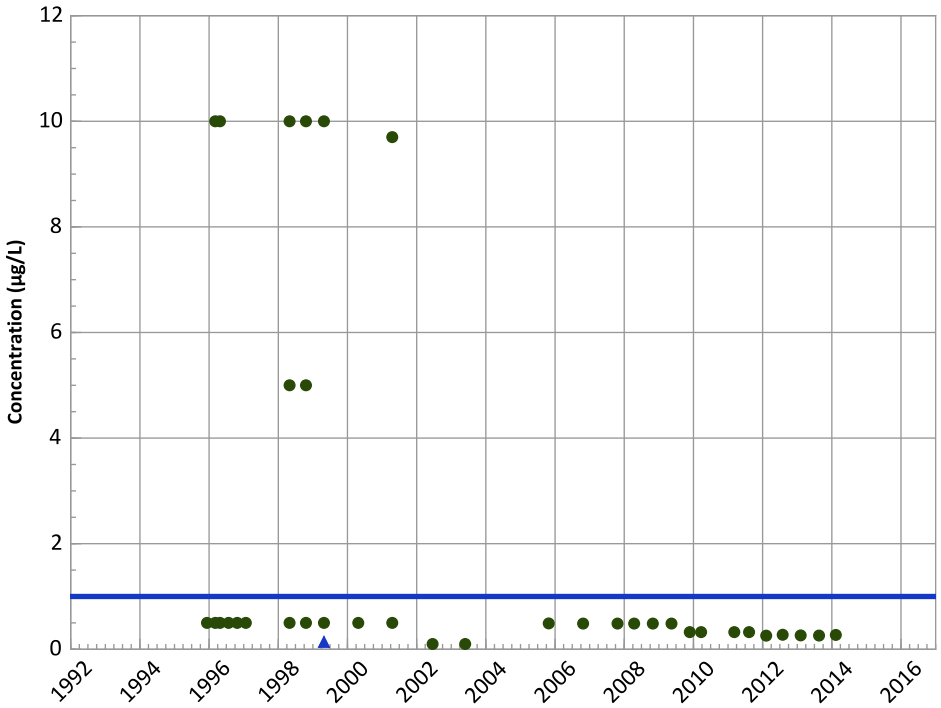
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1O01 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

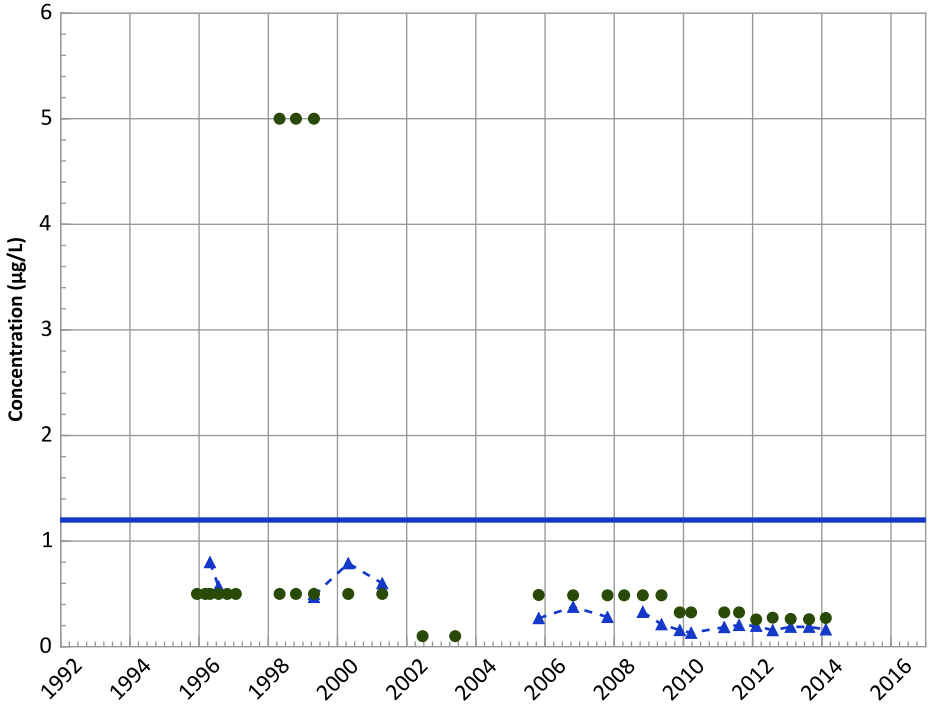


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

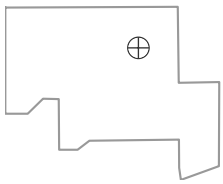
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/10/1995 to 02/12/2014
Analysis Date: 03/07/2017

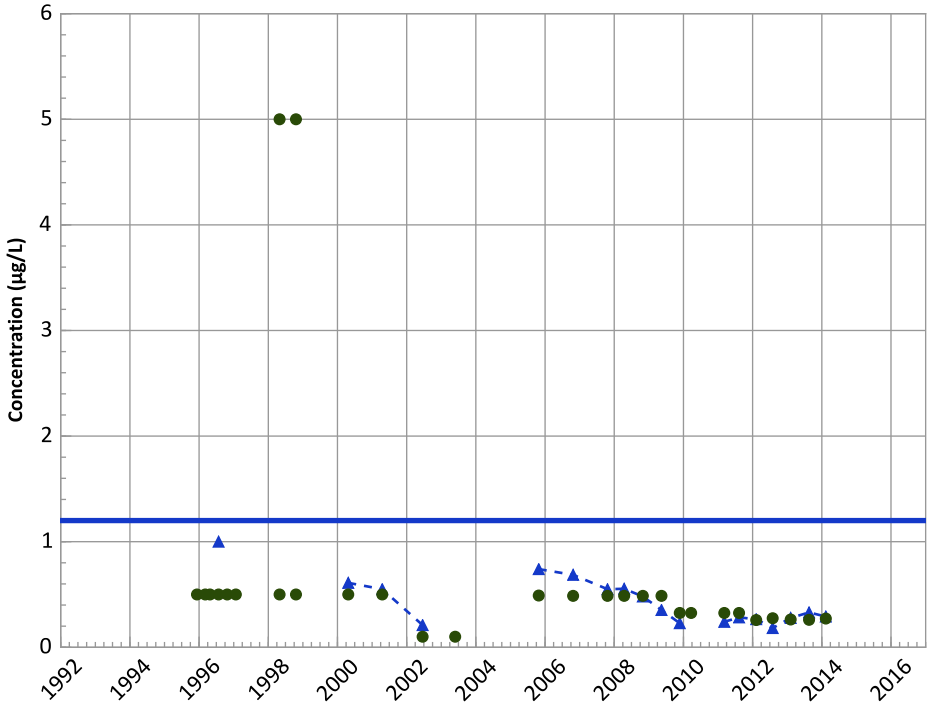
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O01 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

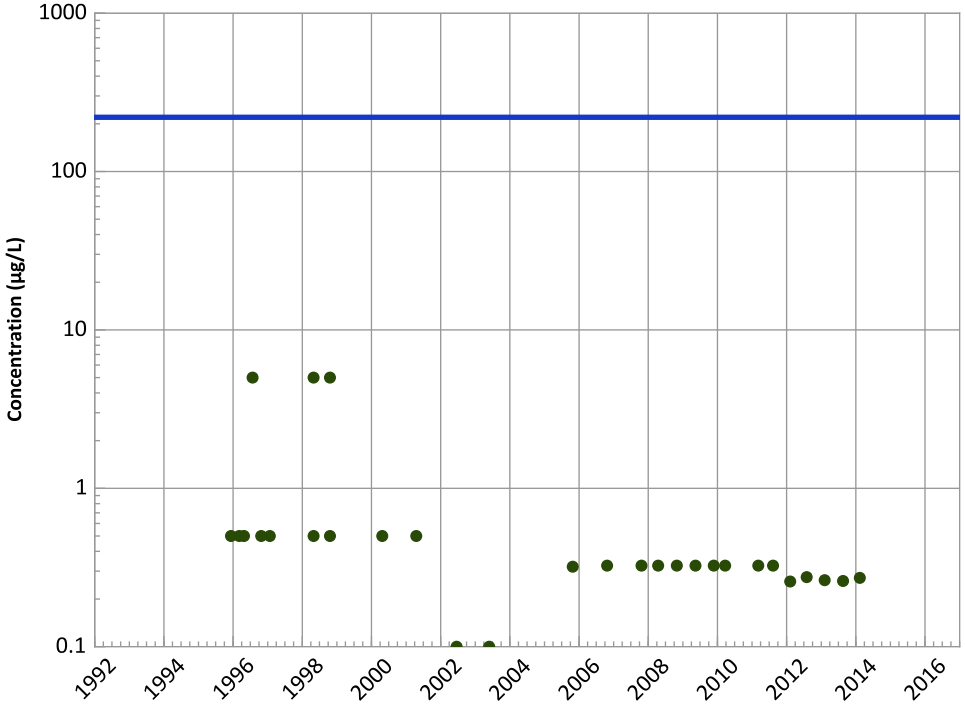


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

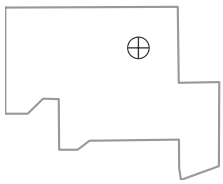
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/10/1995 to 02/12/2014
Analysis Date: 03/07/2017

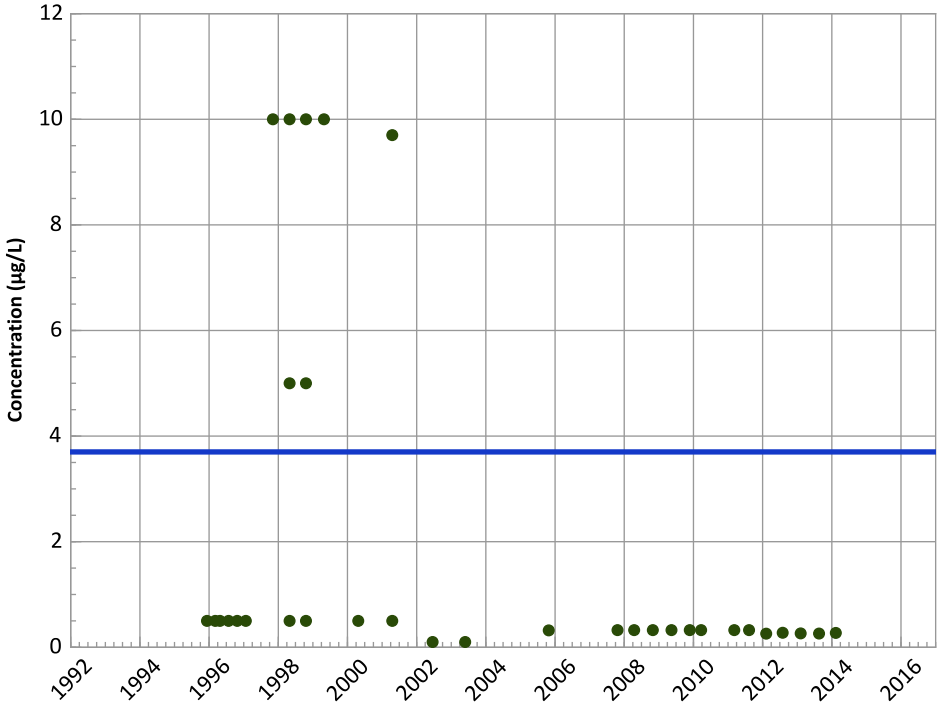
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O01 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

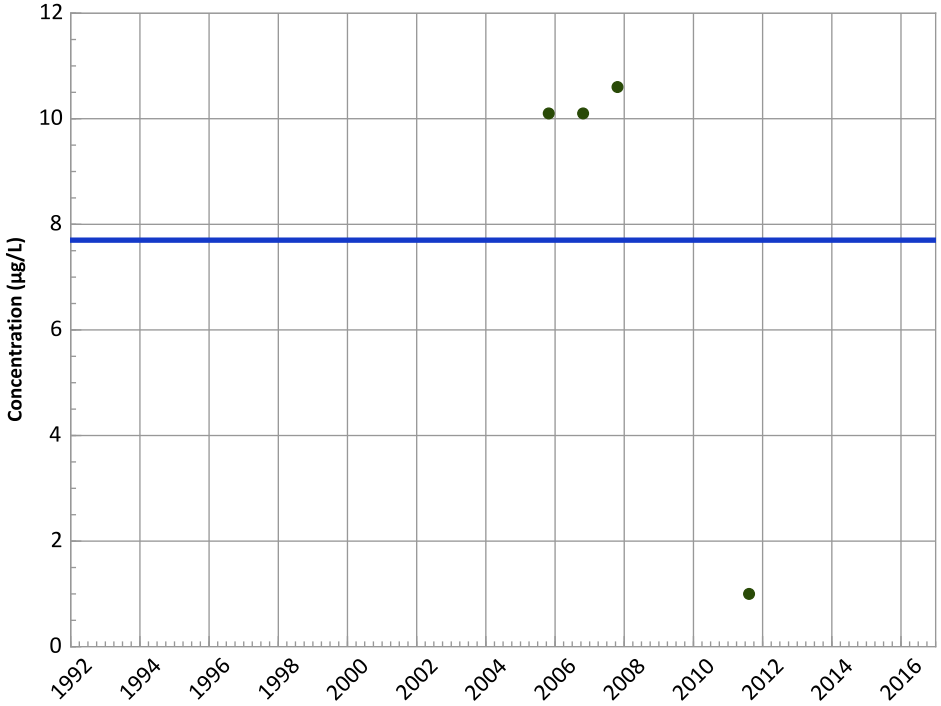


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

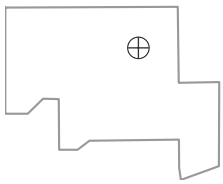
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/10/1995 to 02/12/2014
Analysis Date: 03/07/2017

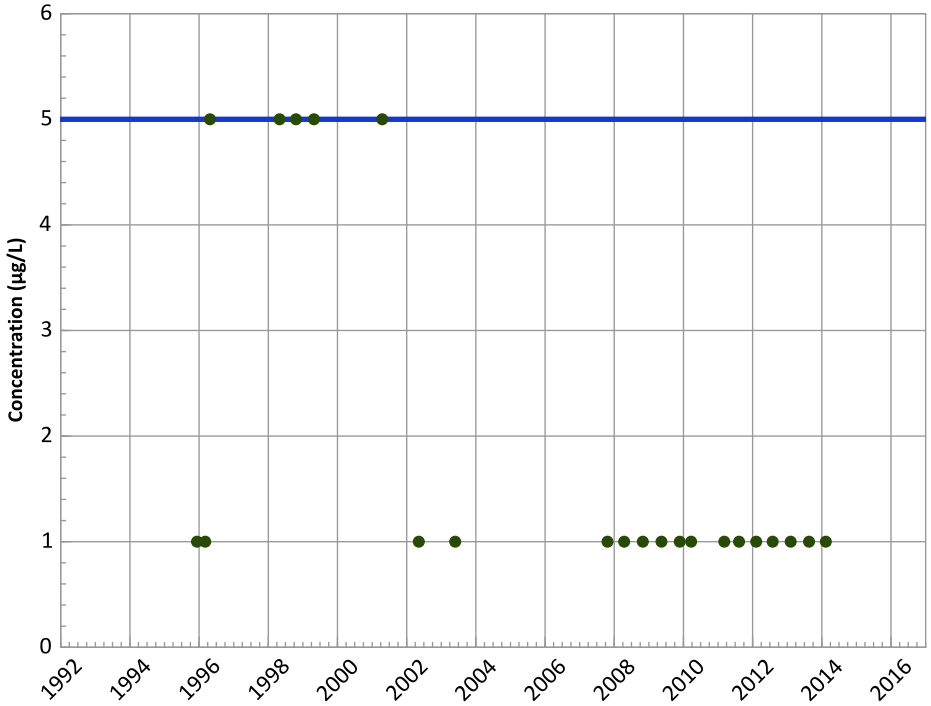
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

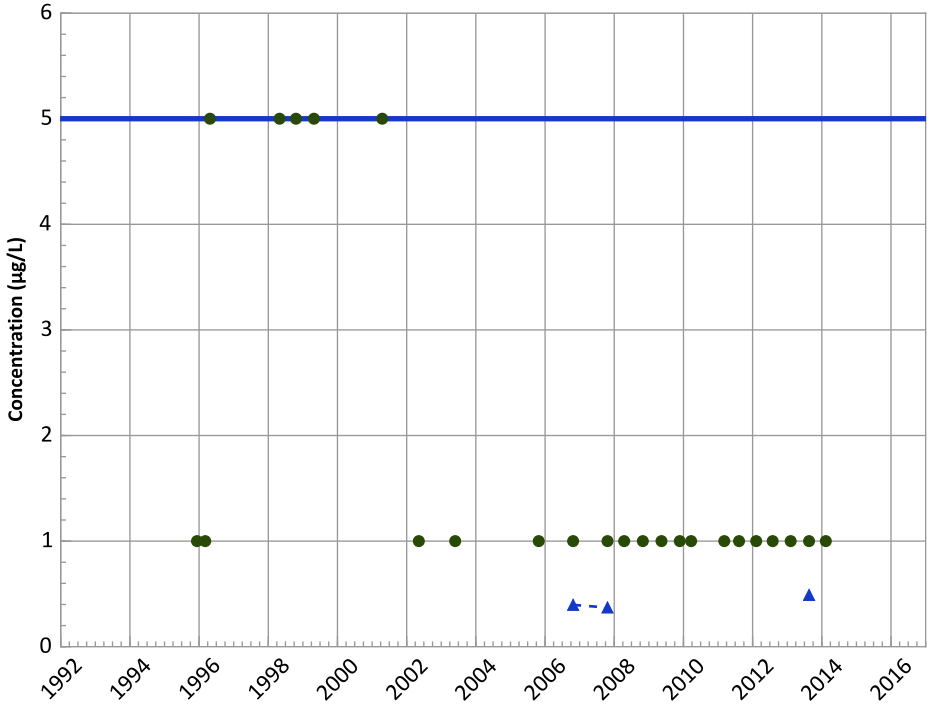


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

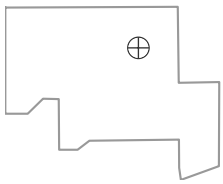
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/10/1995 to 02/12/2014
Analysis Date: 03/07/2017

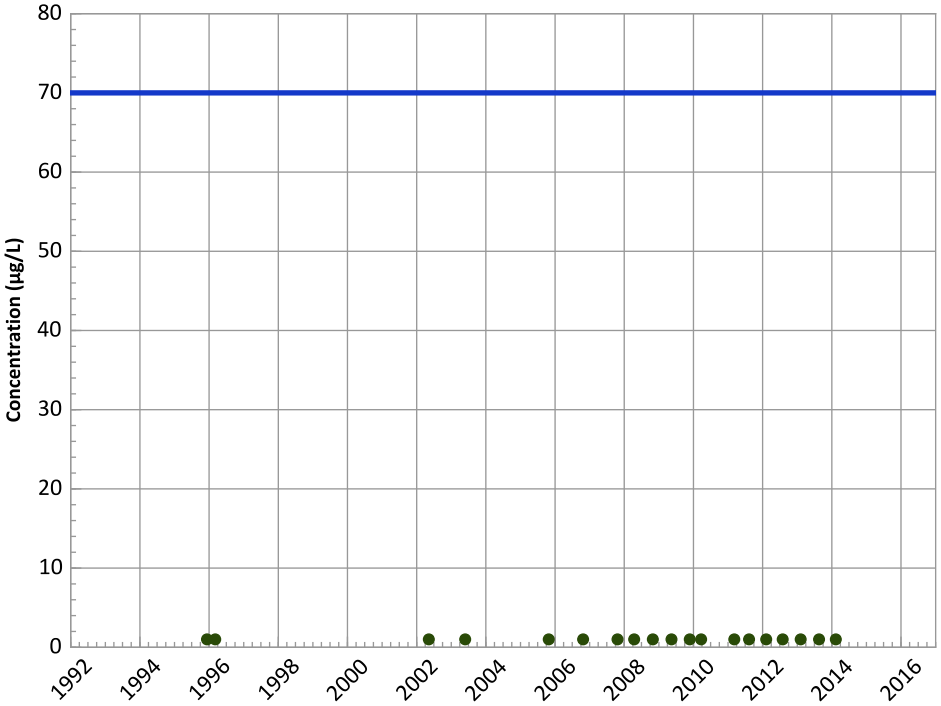
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ——— Groundwater Protection Standard

Well Location



PTX07-1O01 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

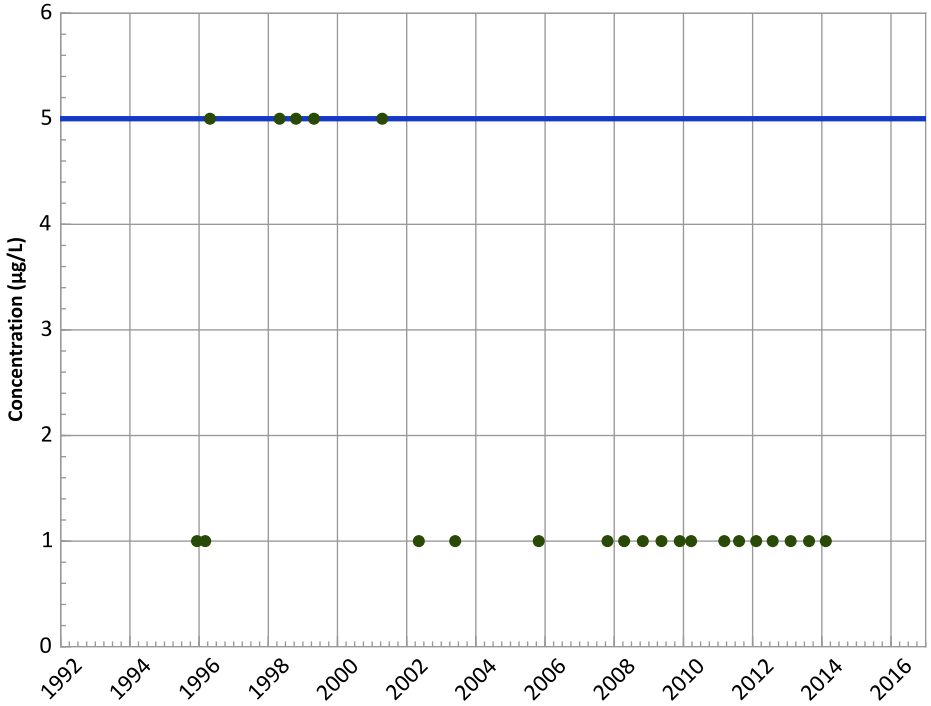


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

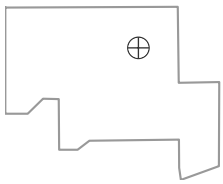
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/10/1995 to 02/12/2014
Analysis Date: 03/07/2017

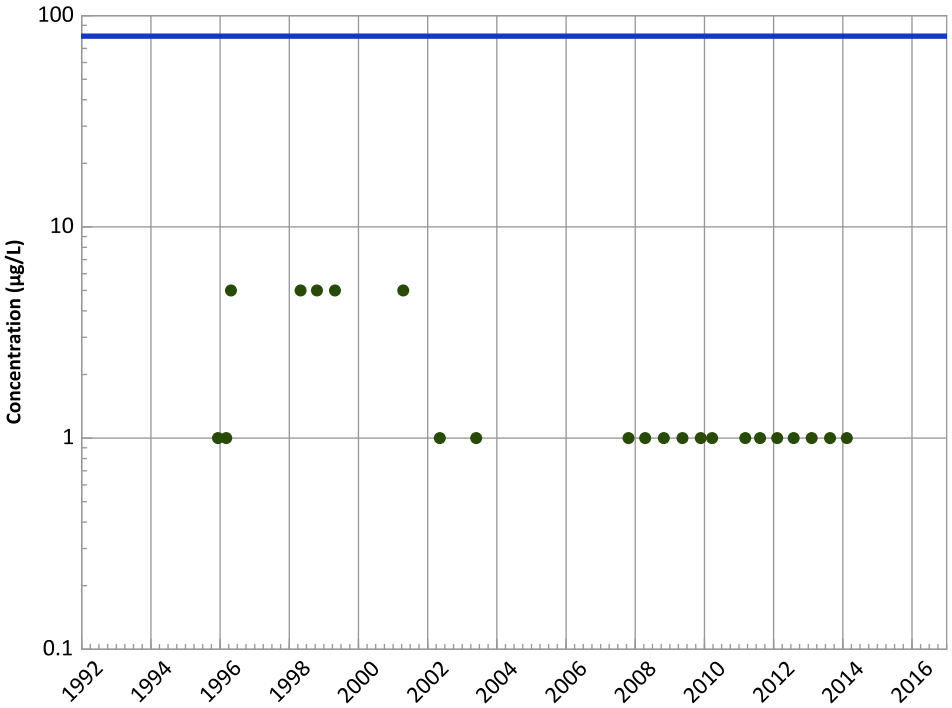
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

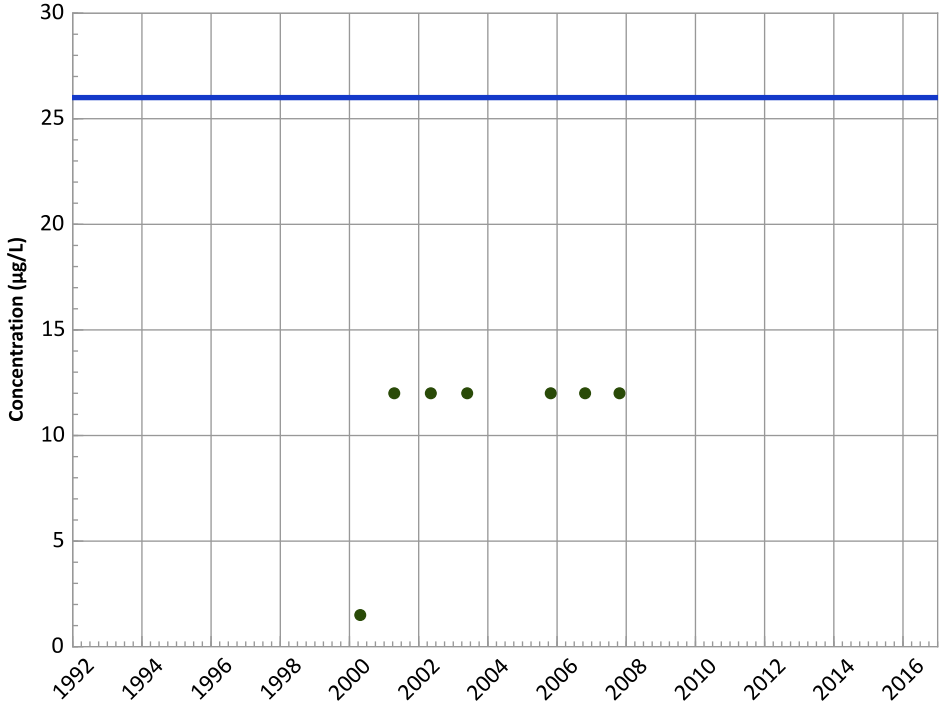


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

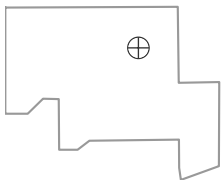
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/10/1995 to 02/12/2014
Analysis Date: 03/07/2017

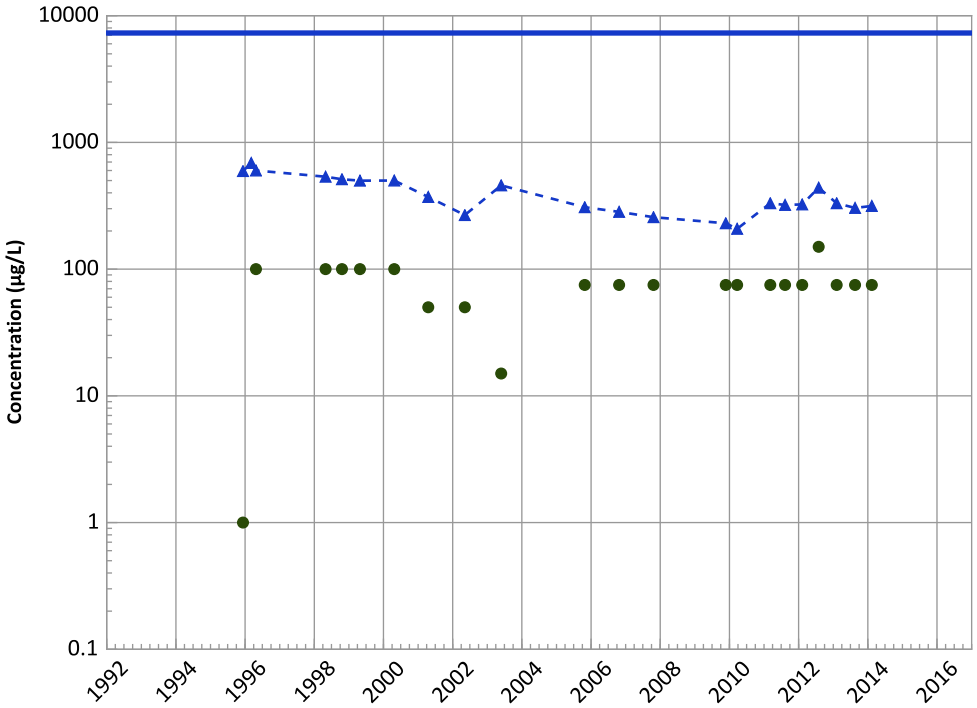
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

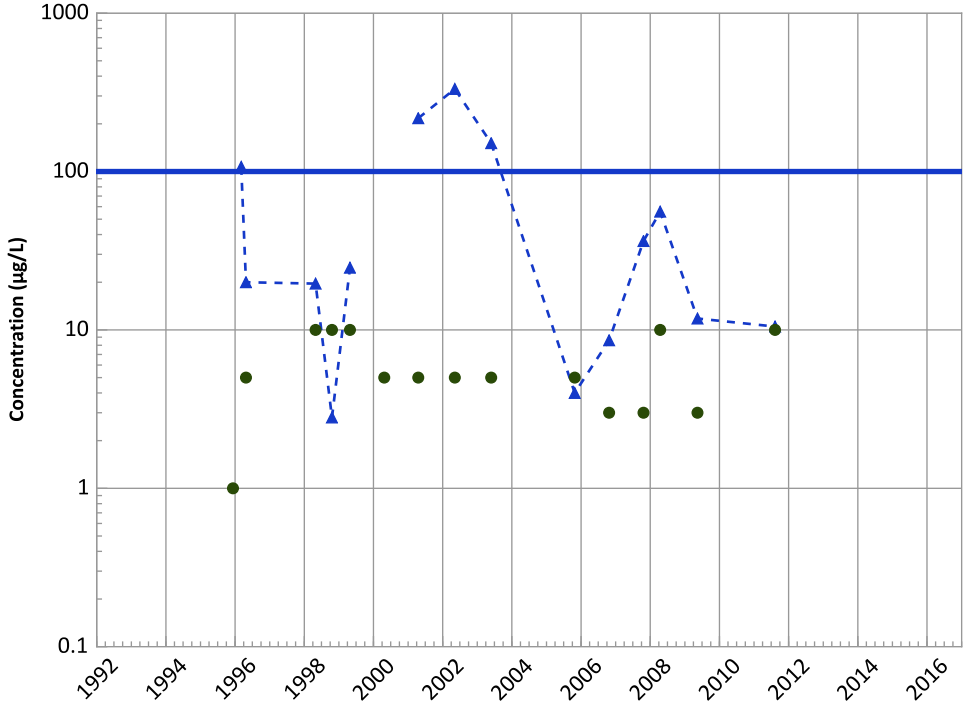


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

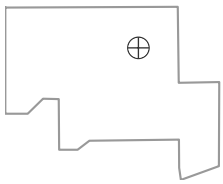
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/10/1995 to 02/12/2014
Analysis Date: 03/07/2017

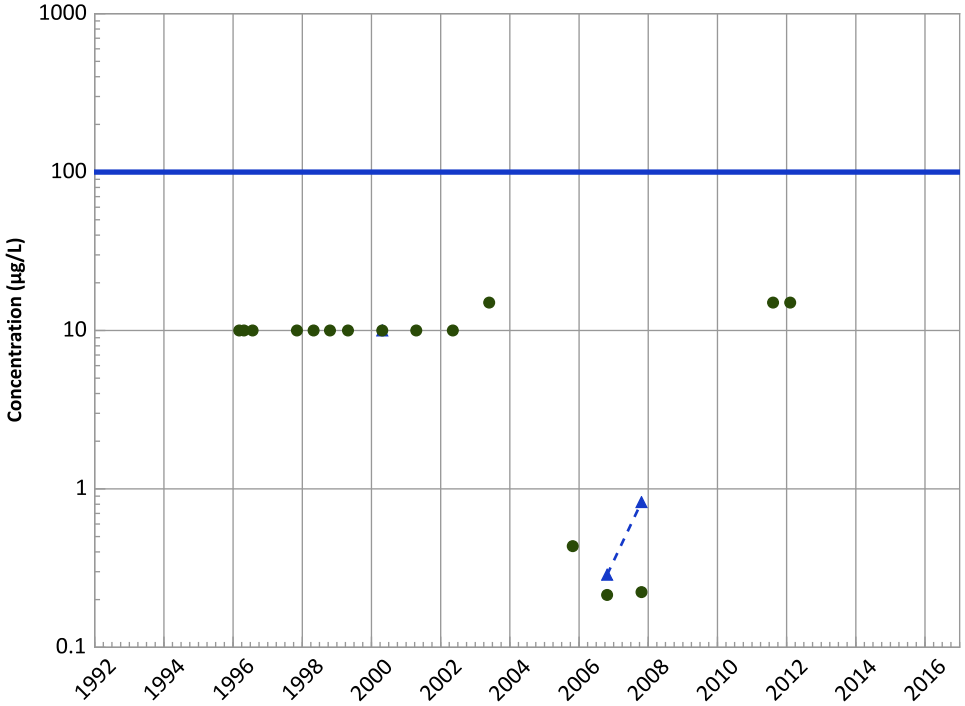
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1O01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

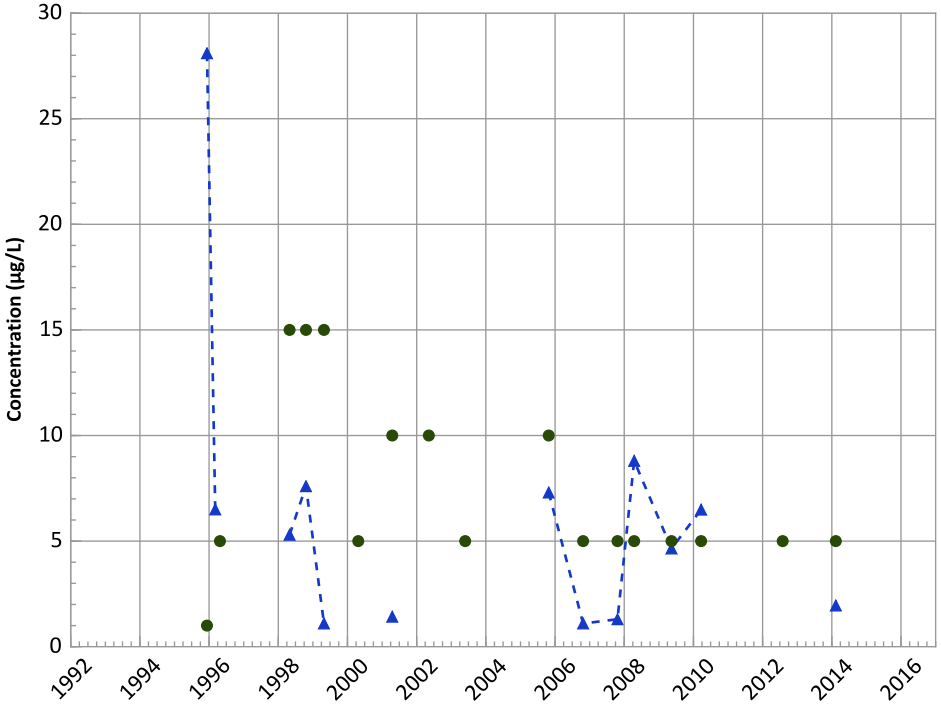


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

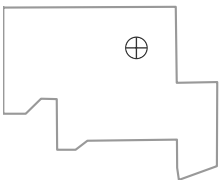
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/10/1995 to 02/12/2014
Analysis Date: 03/07/2017

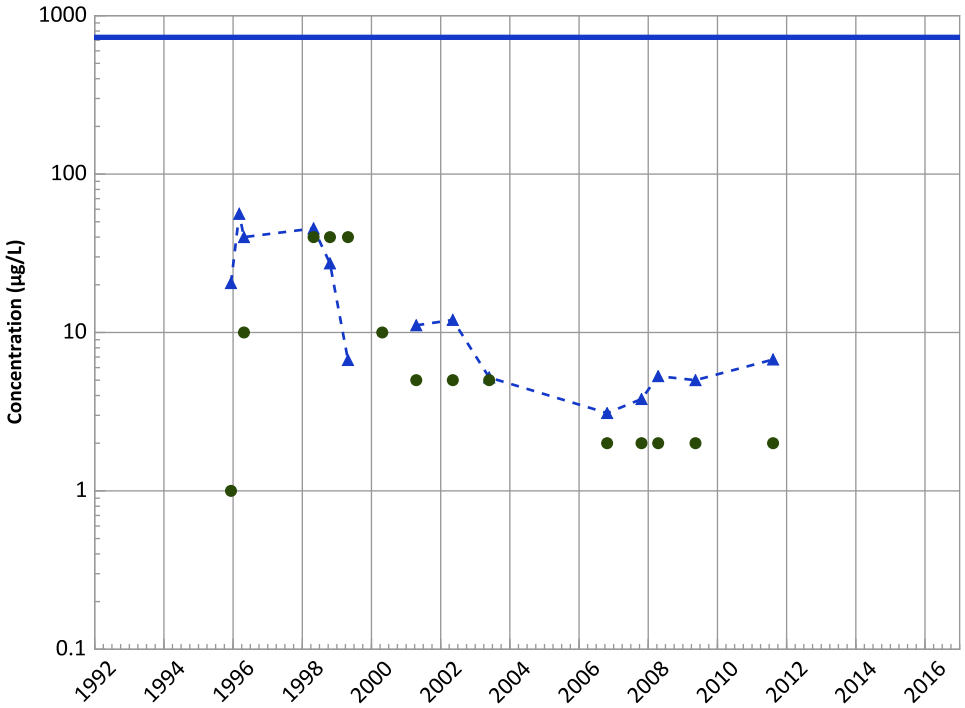
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

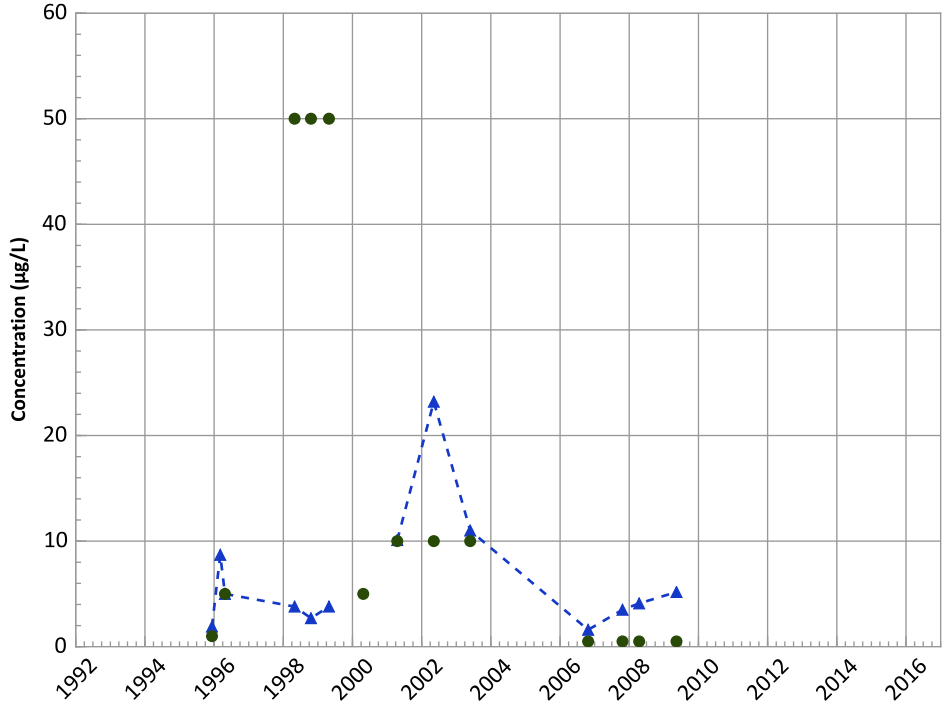


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Molybdenum Trend



Concentration Trend

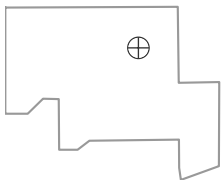
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/10/1995 to 02/12/2014
Analysis Date: 03/07/2017

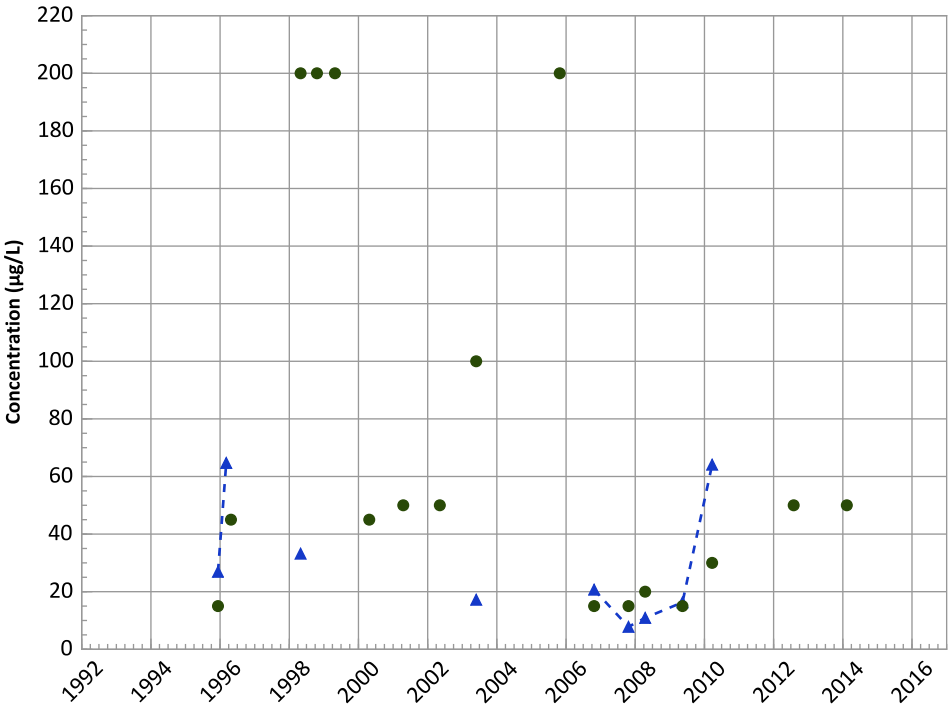
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1O01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

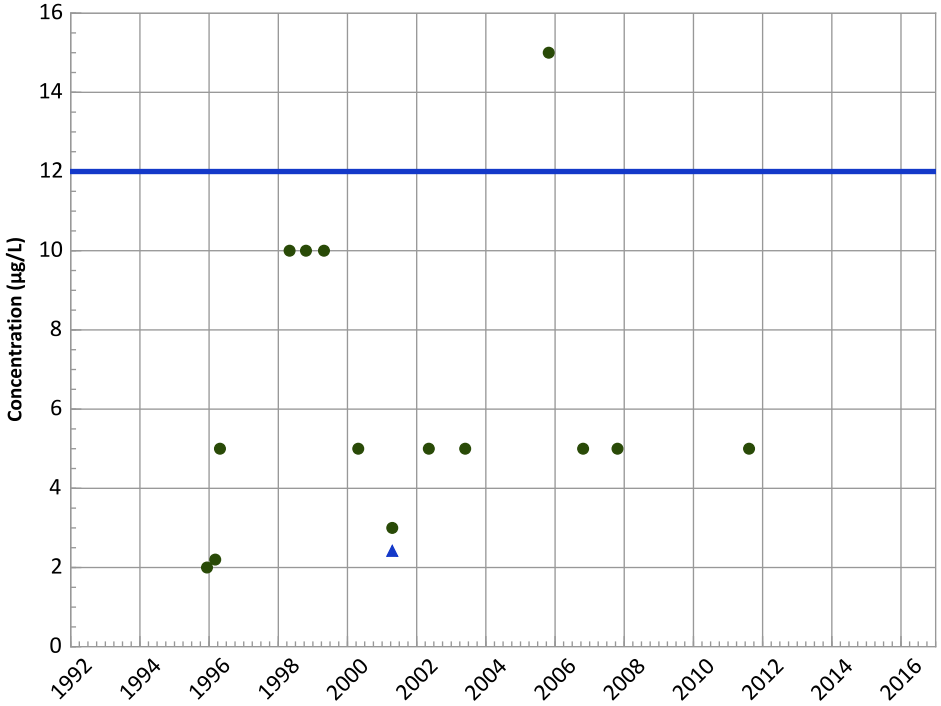


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Arsenic Trend



Concentration Trend

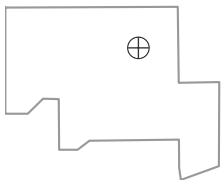
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/10/1995 to 02/12/2014
Analysis Date: 03/07/2017

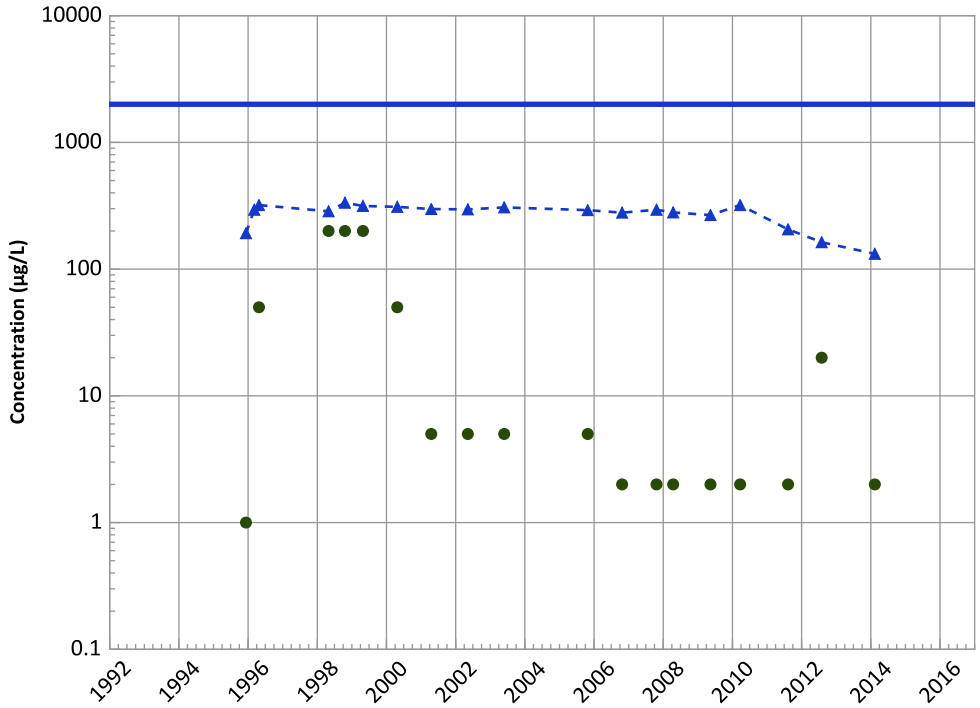
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

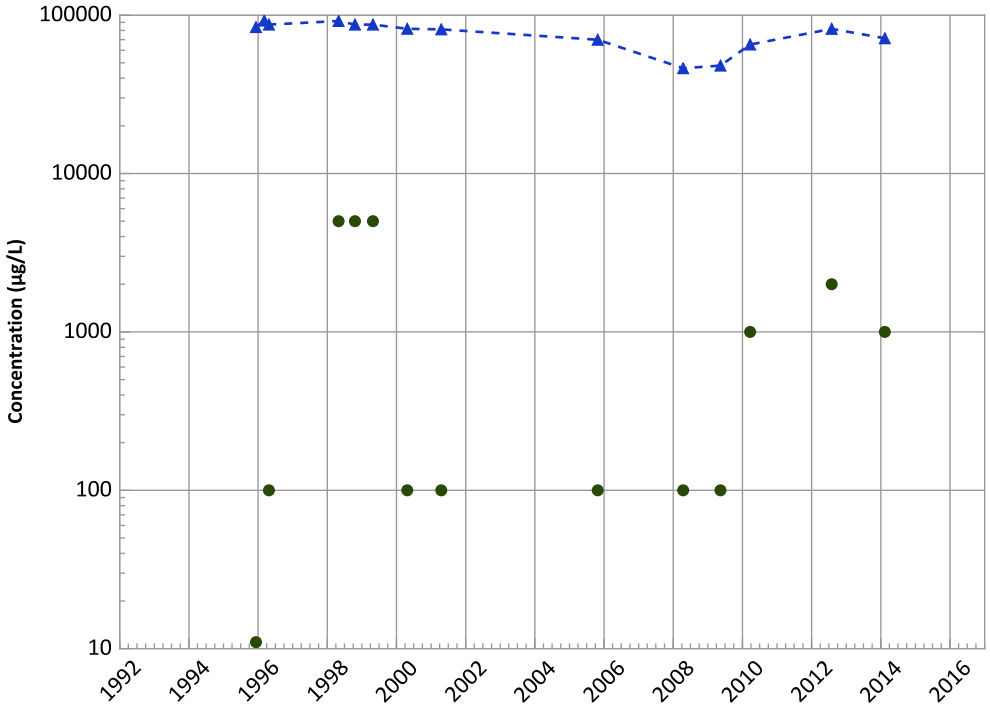


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Calcium Trend



Concentration Trend

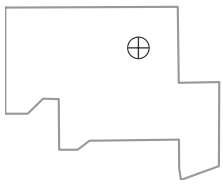
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/10/1995 to 02/12/2014
Analysis Date: 03/07/2017

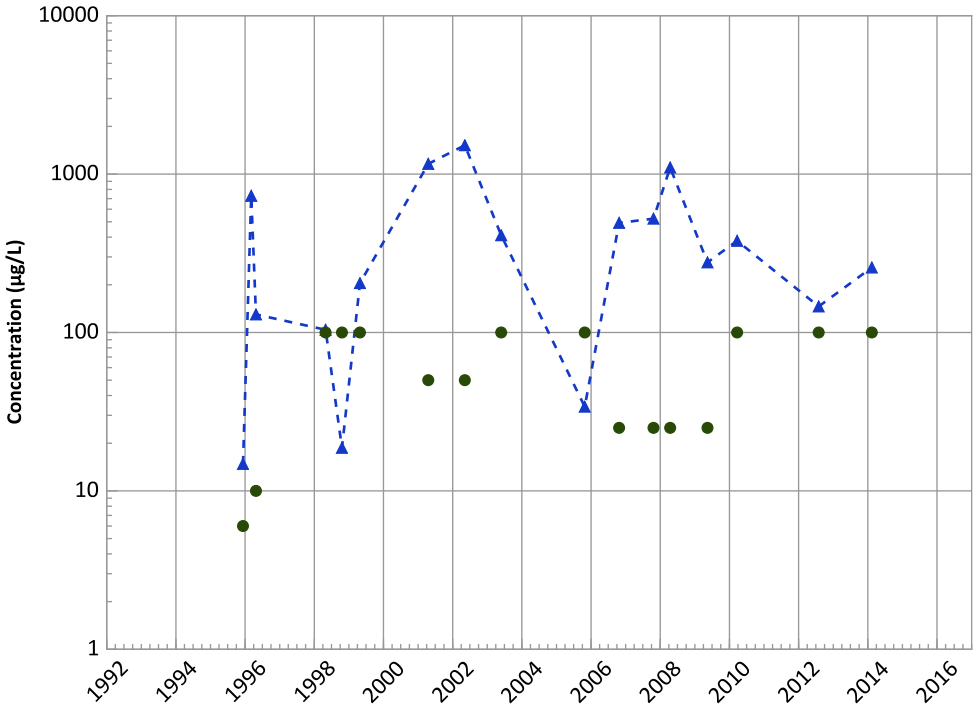
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1O01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

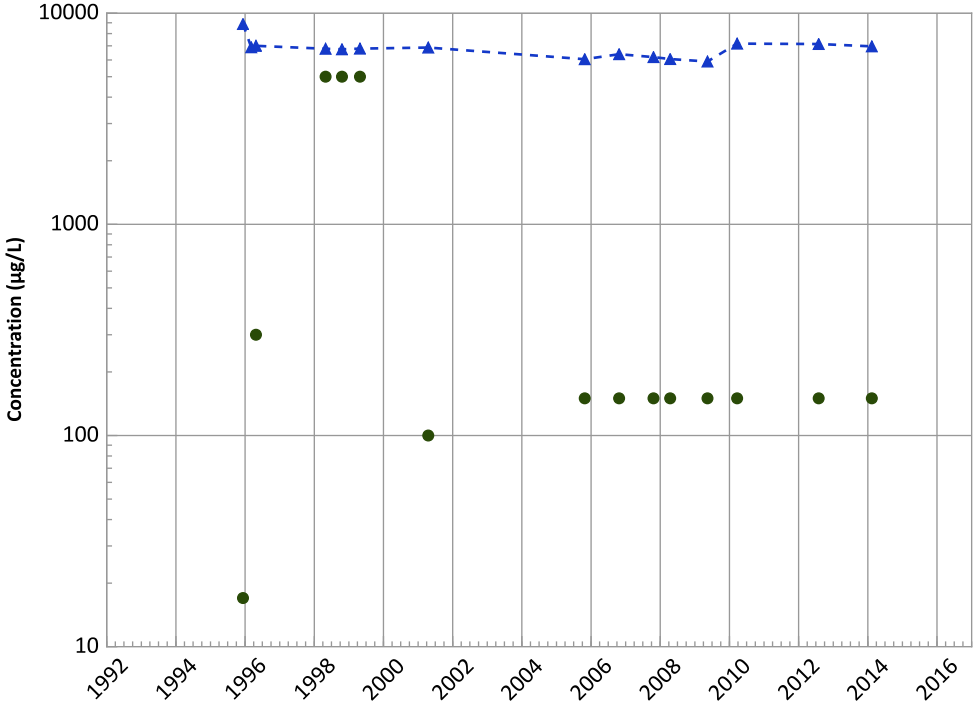


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Potassium Trend



Concentration Trend

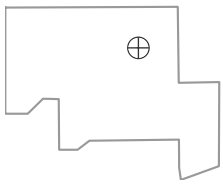
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/10/1995 to 02/12/2014
Analysis Date: 03/07/2017

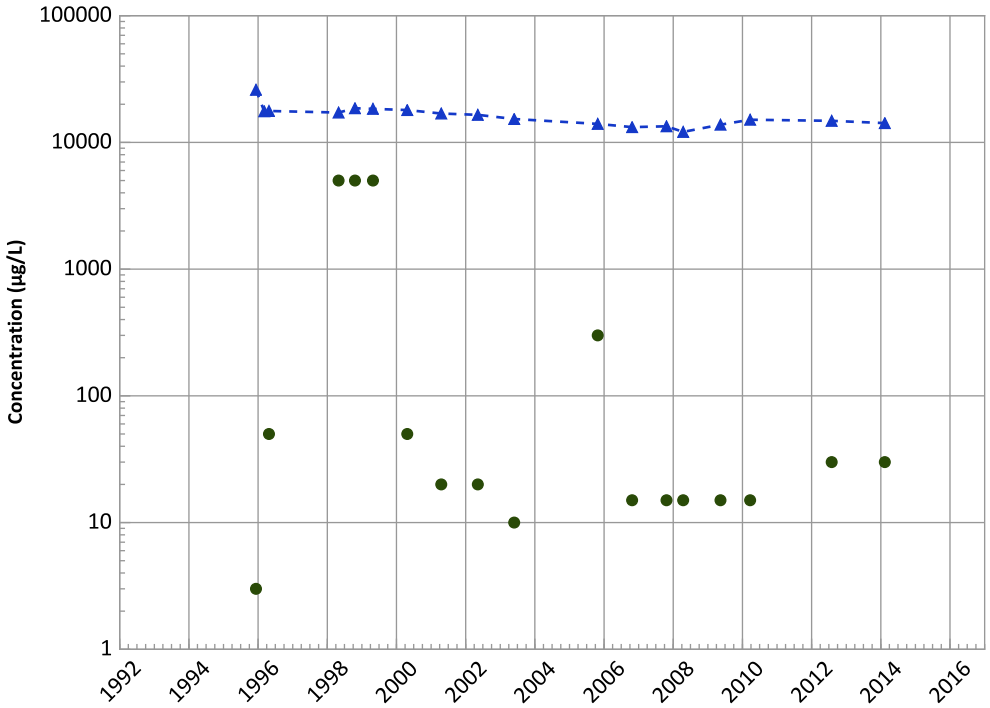
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

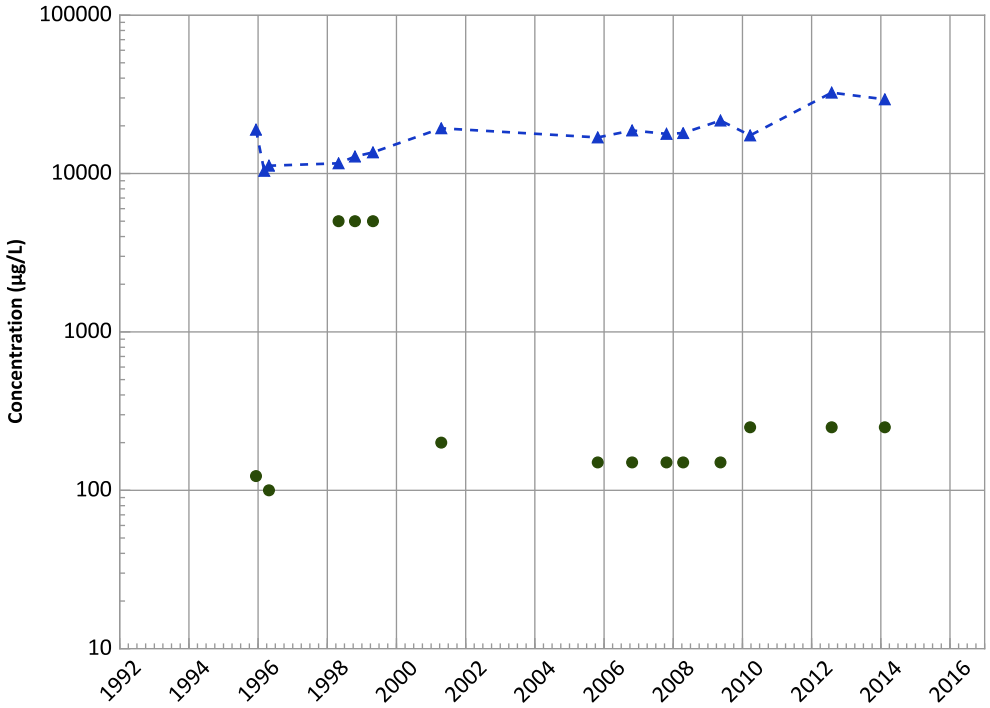


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Sodium Trend



Concentration Trend

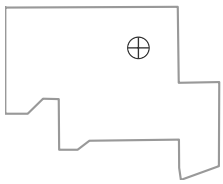
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

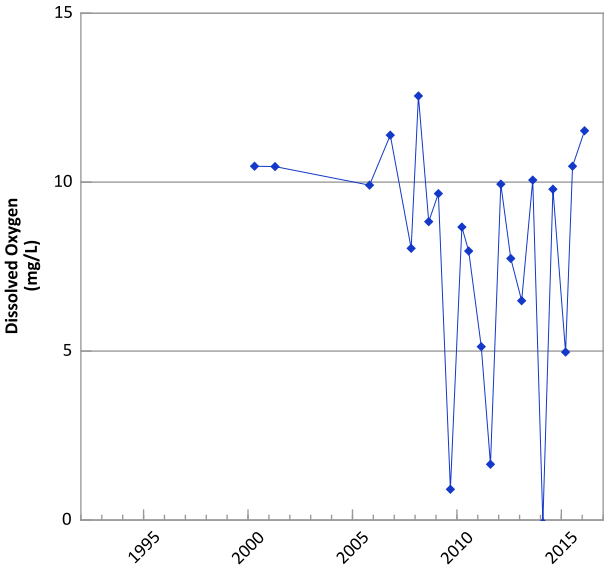
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/10/1995 to 02/12/2014
Analysis Date: 03/07/2017

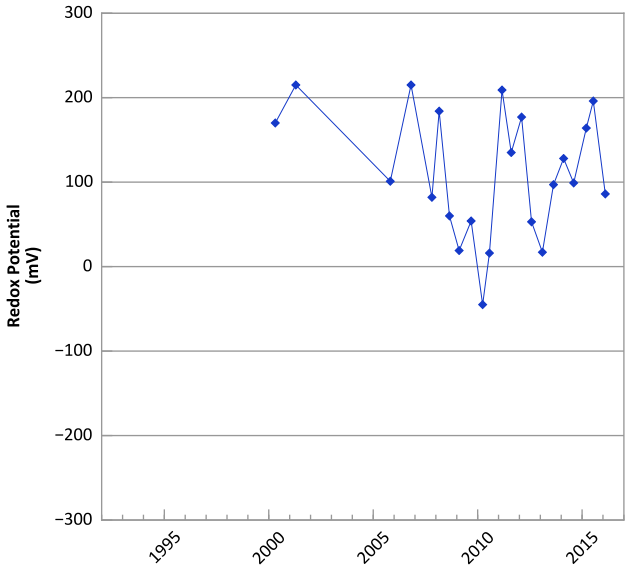
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

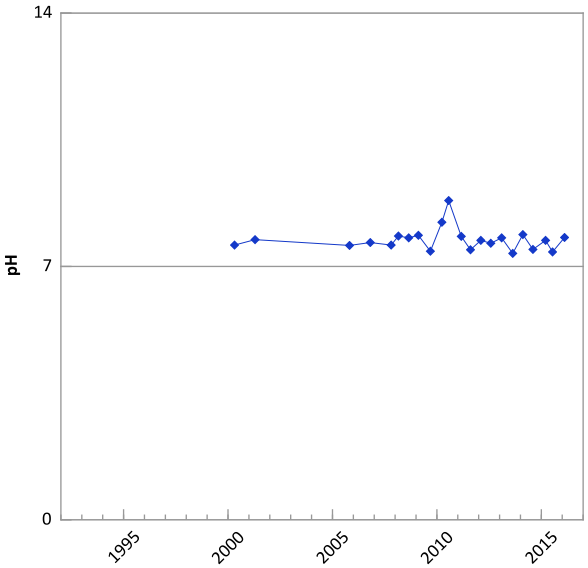
Well Location

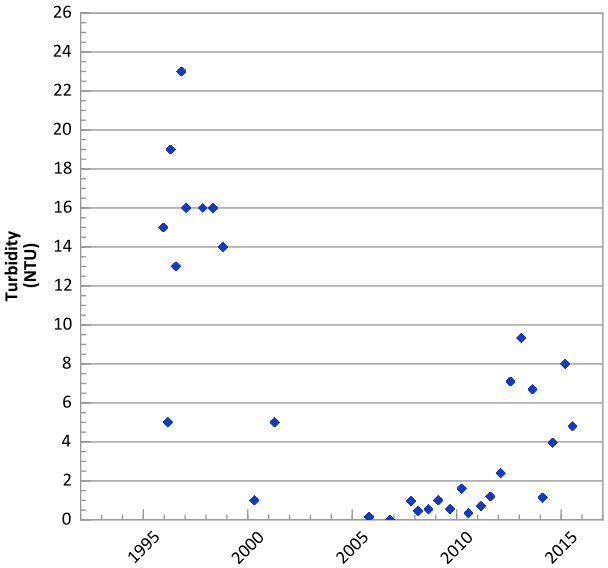


PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



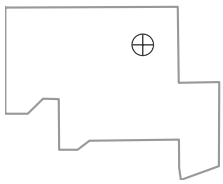






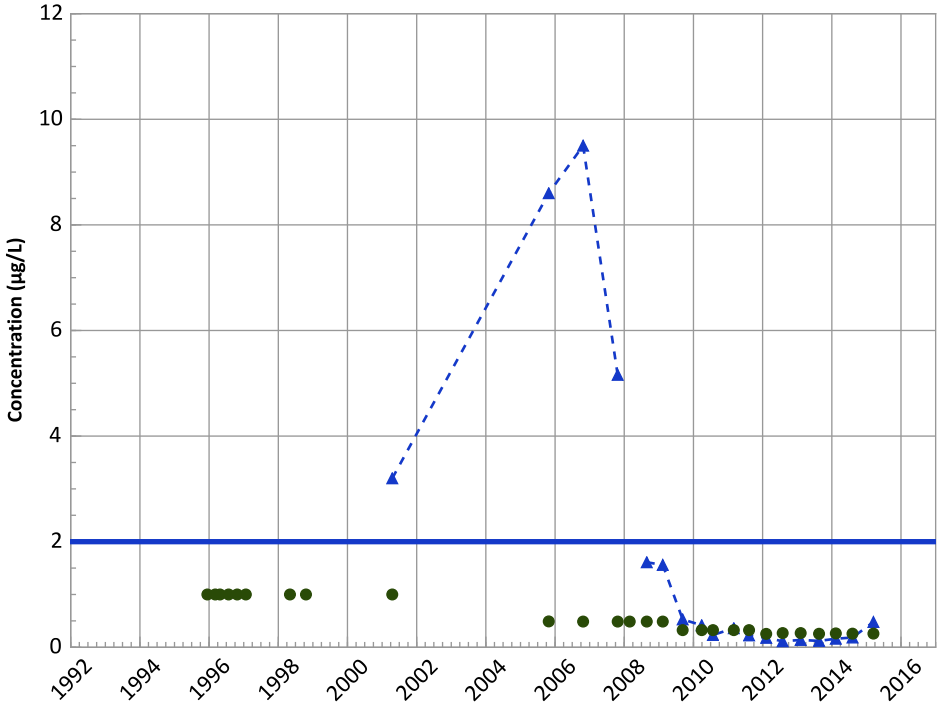
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 07/20/2015
Analysis Date: 03/07/2017

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

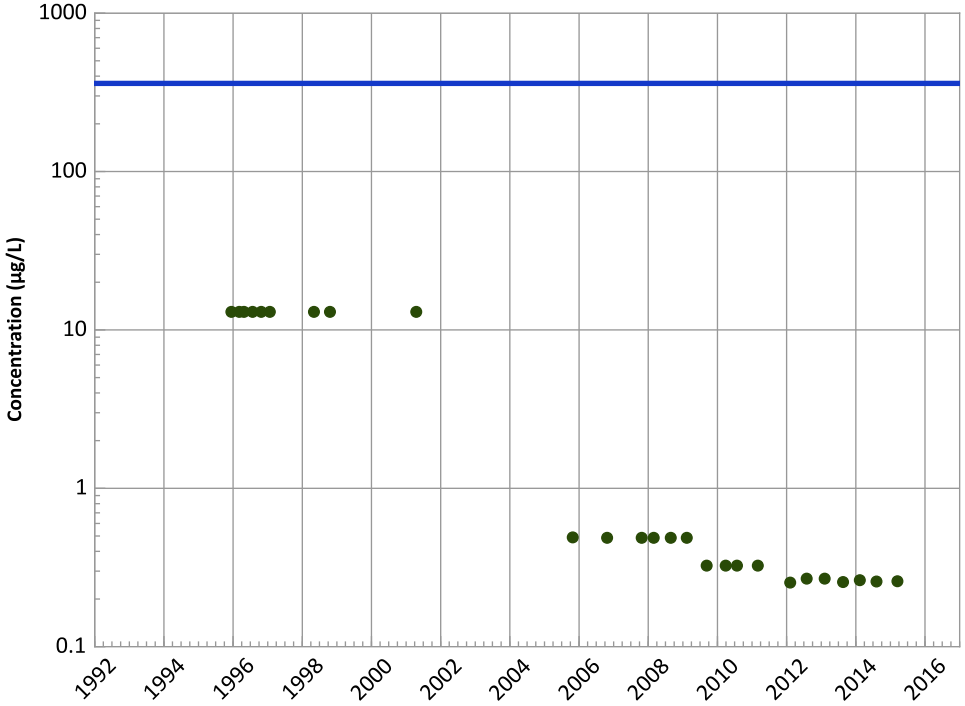


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

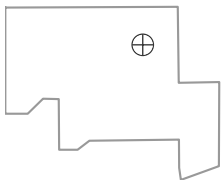
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 07/20/2015
Analysis Date: 03/07/2017

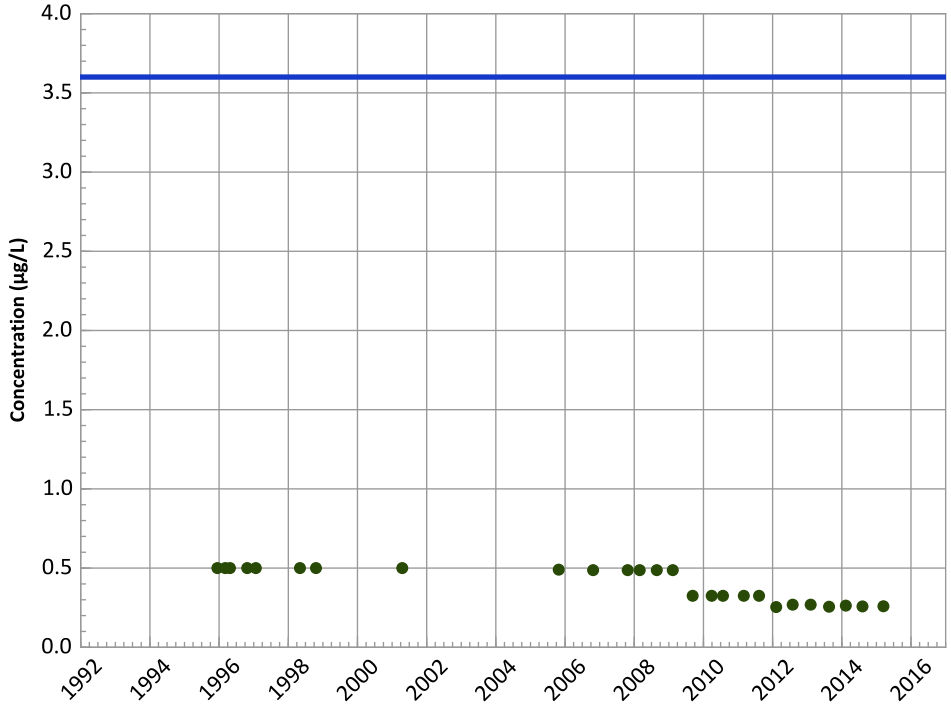
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

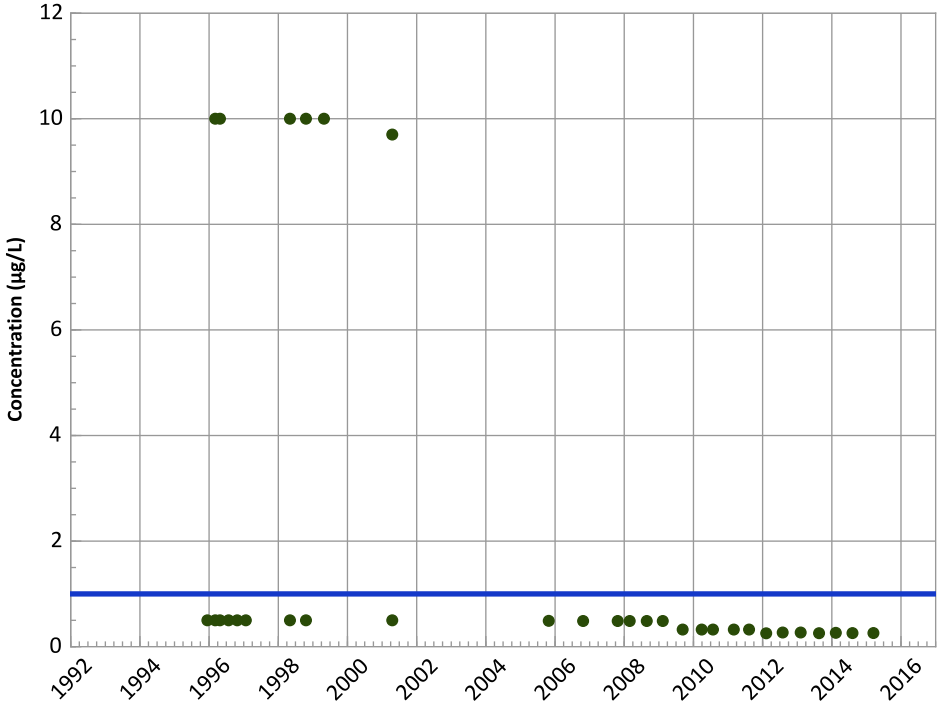


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

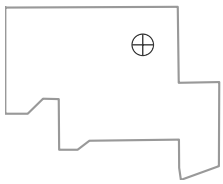
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 07/20/2015
Analysis Date: 03/07/2017

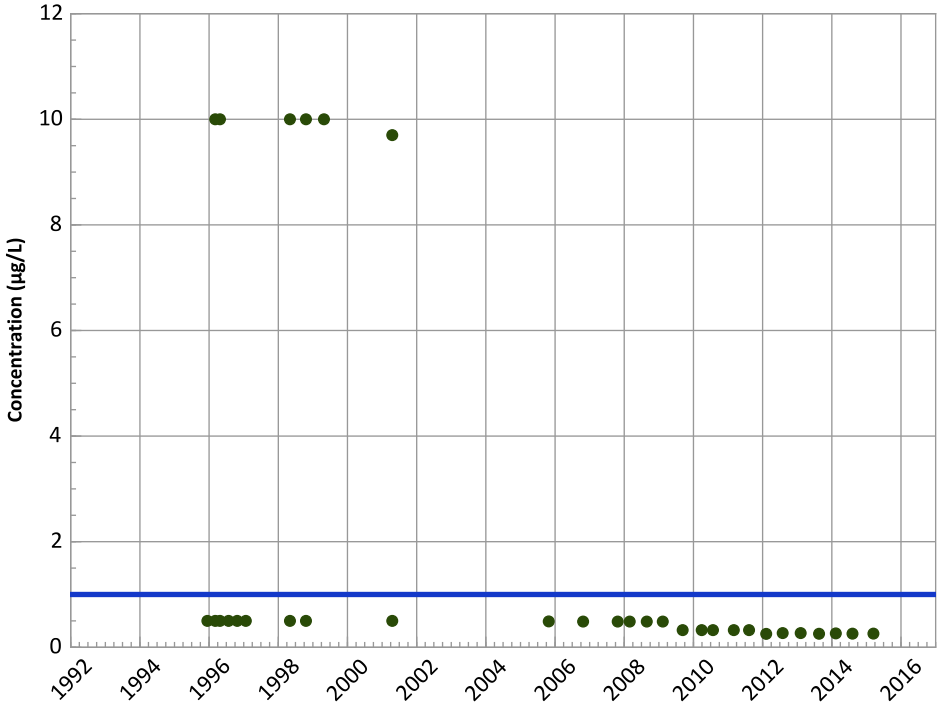
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

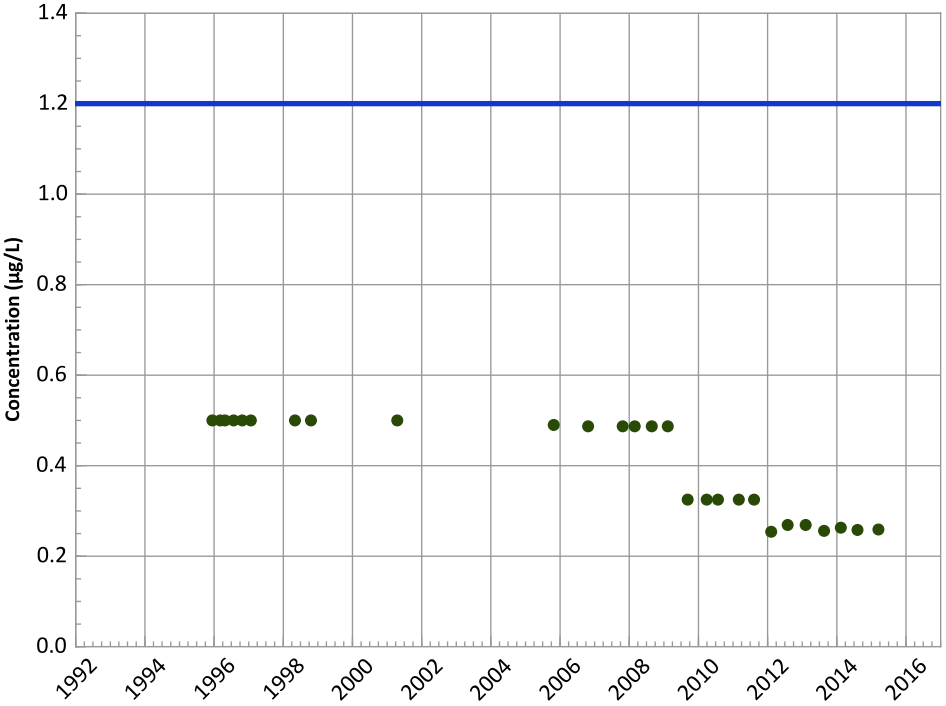


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

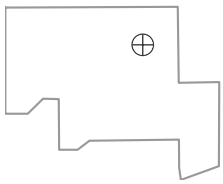
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 07/20/2015
Analysis Date: 03/07/2017

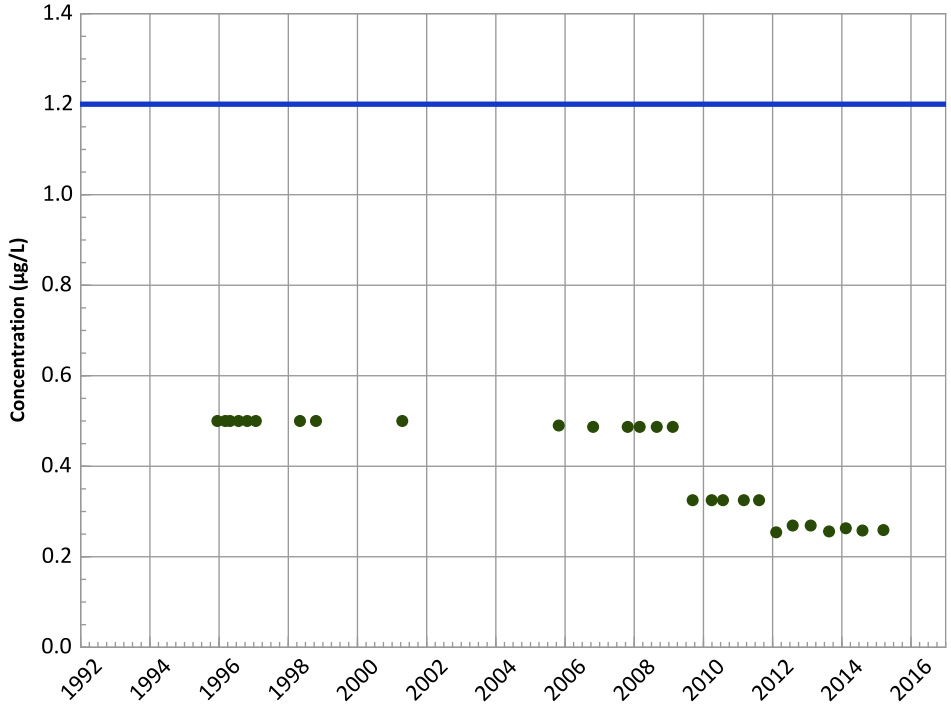
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

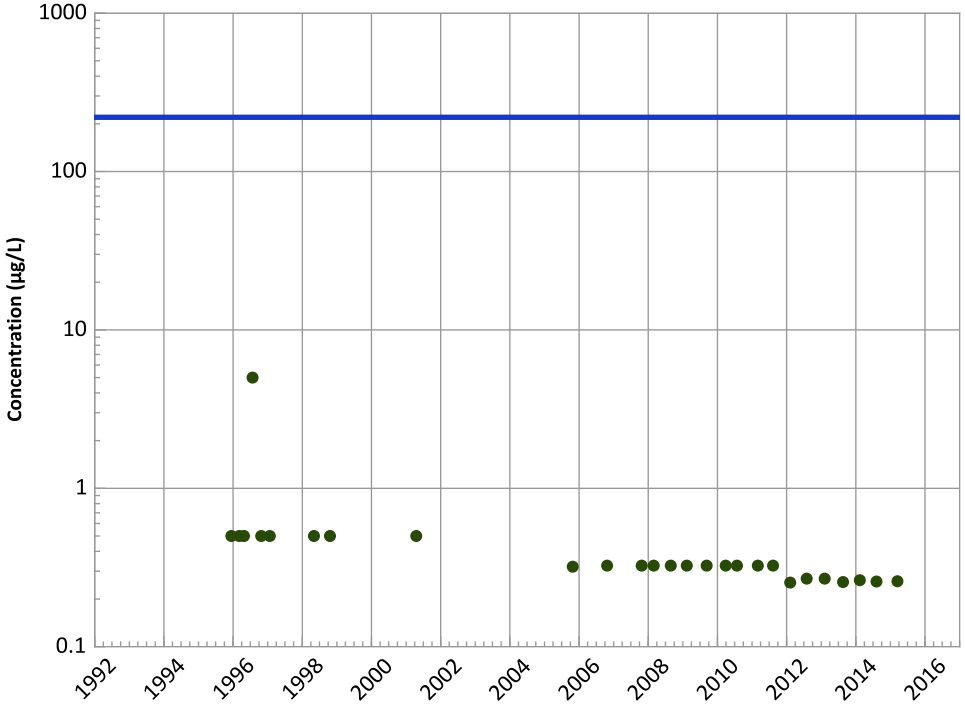


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

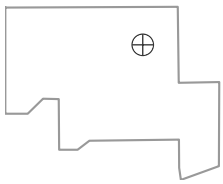
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 07/20/2015
Analysis Date: 03/07/2017

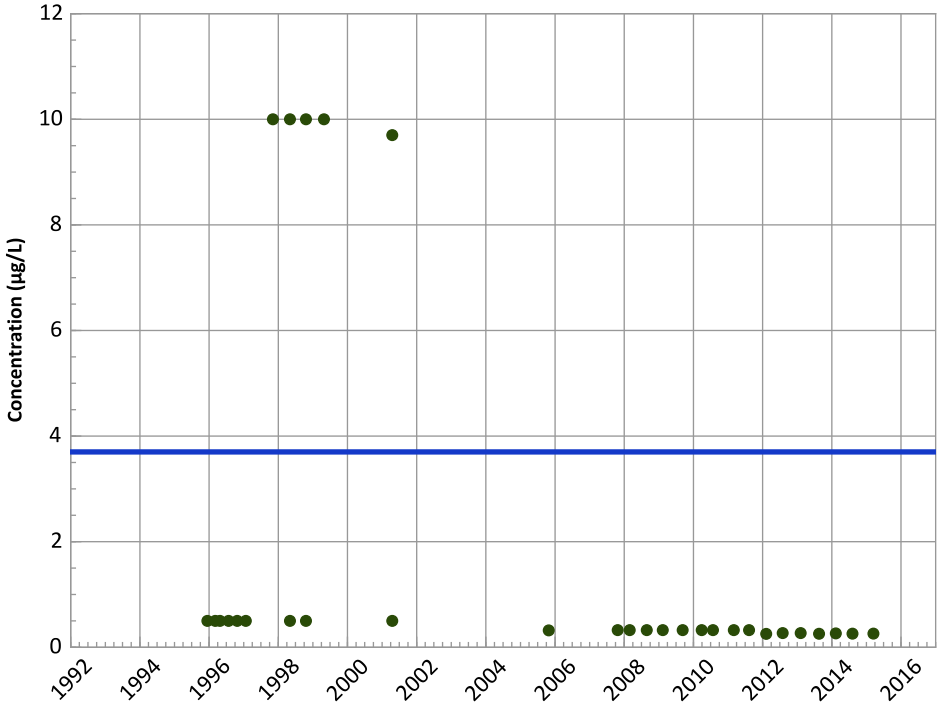
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

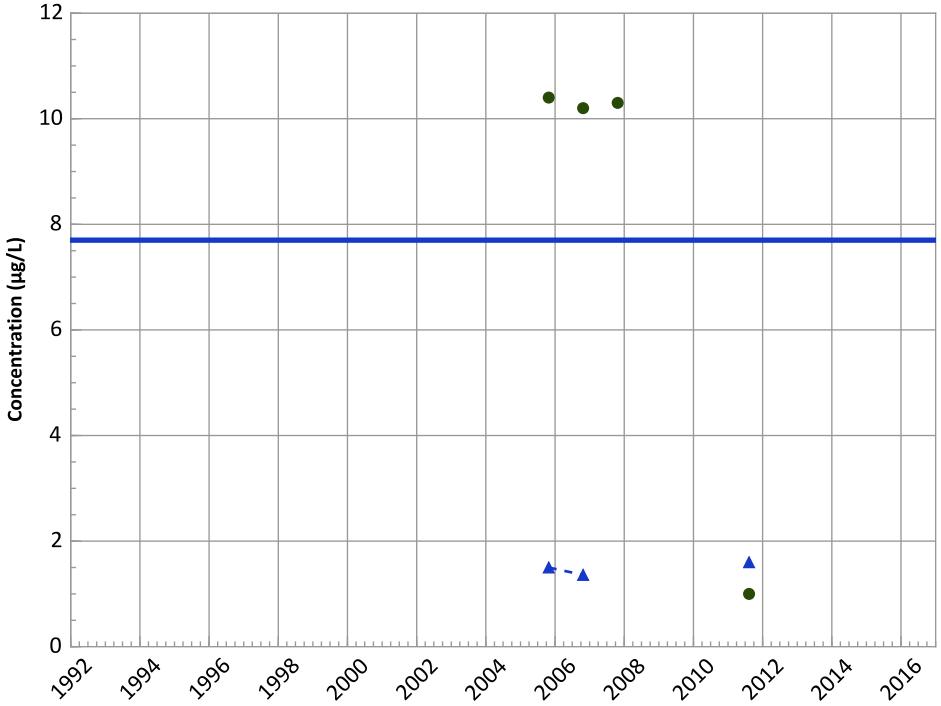


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

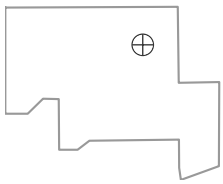
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 07/20/2015
Analysis Date: 03/07/2017

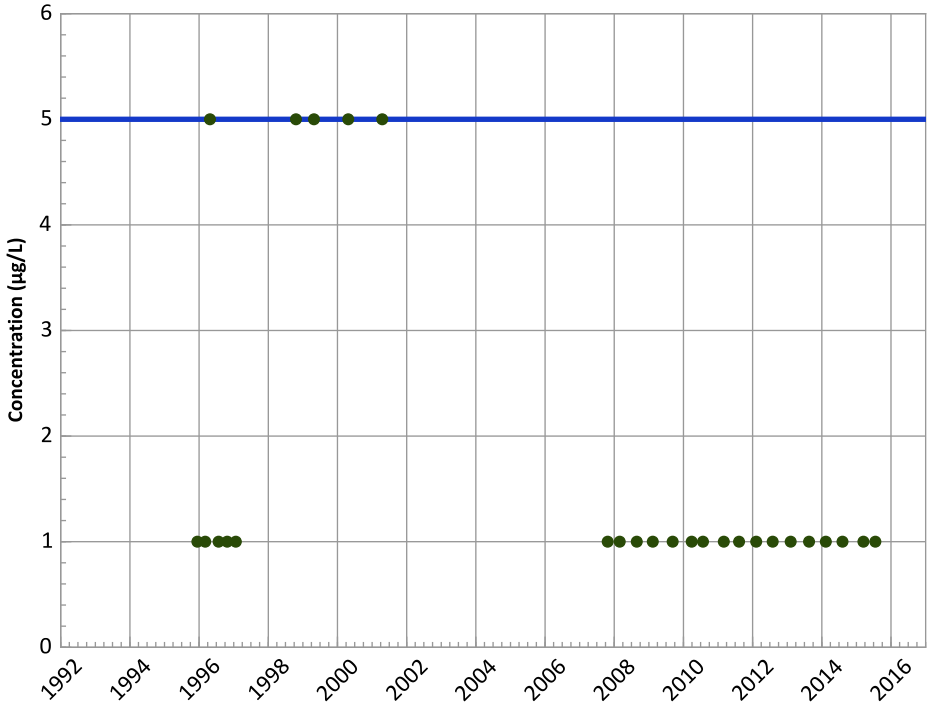
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

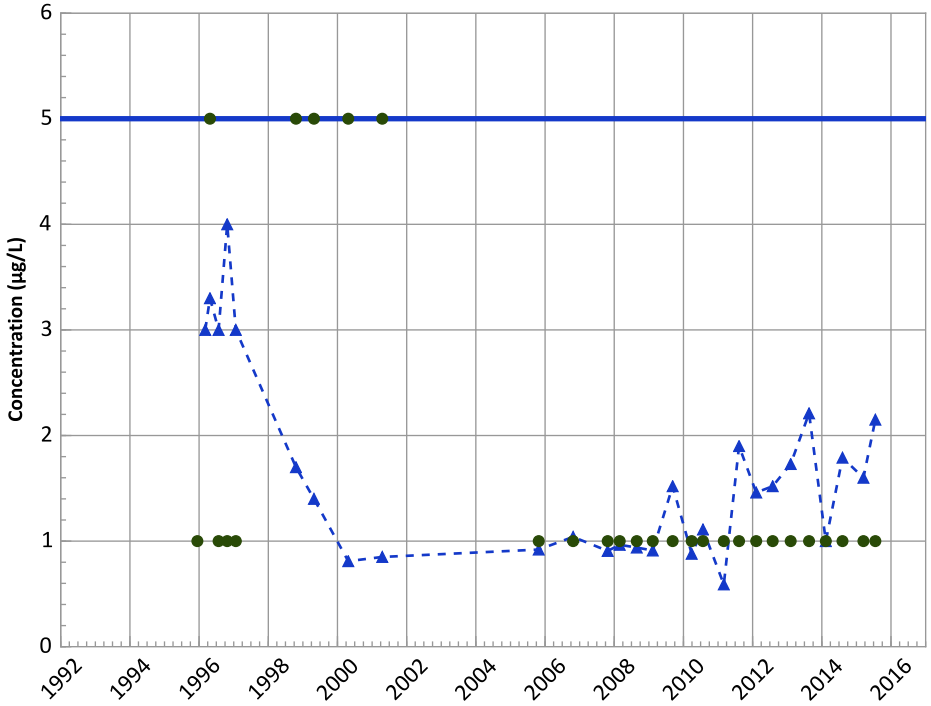


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

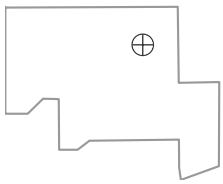
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 07/20/2015
Analysis Date: 03/07/2017

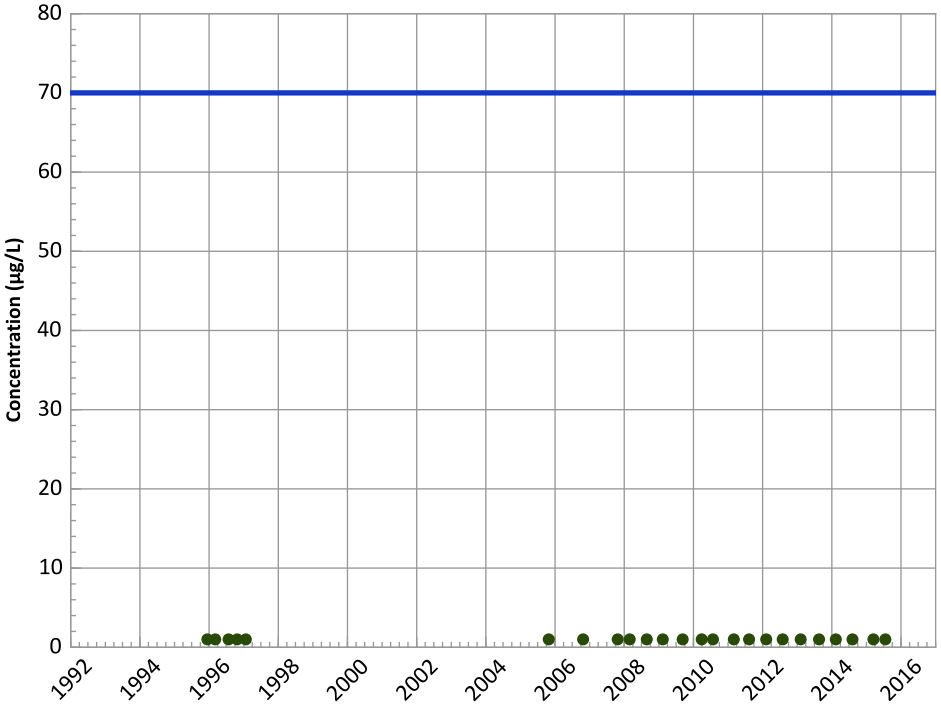
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

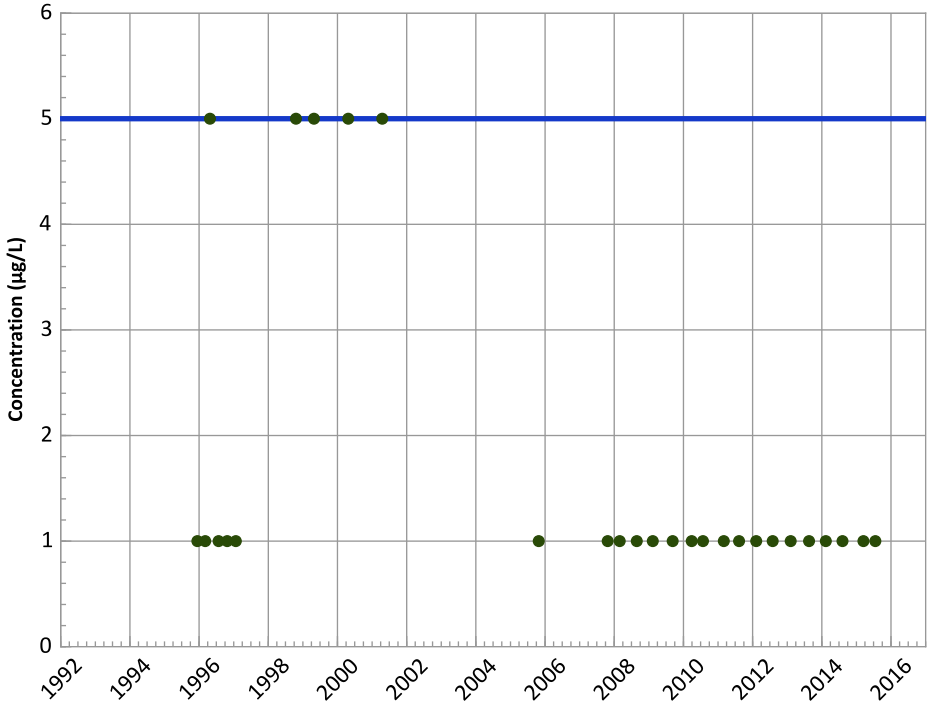


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

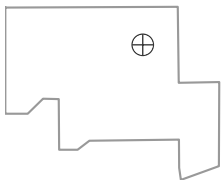
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 07/20/2015
Analysis Date: 03/07/2017

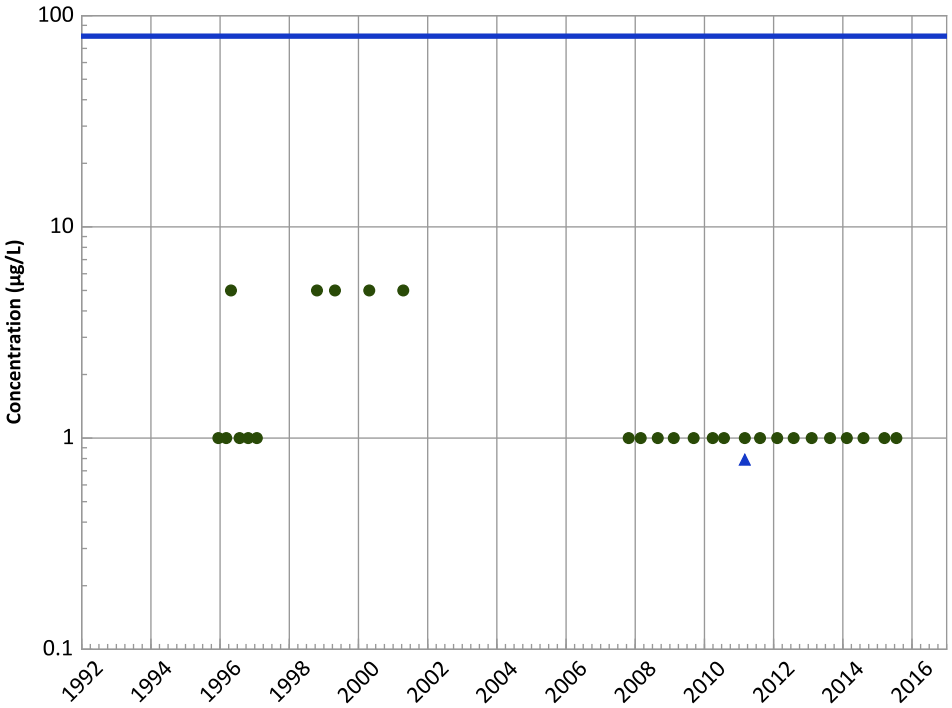
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

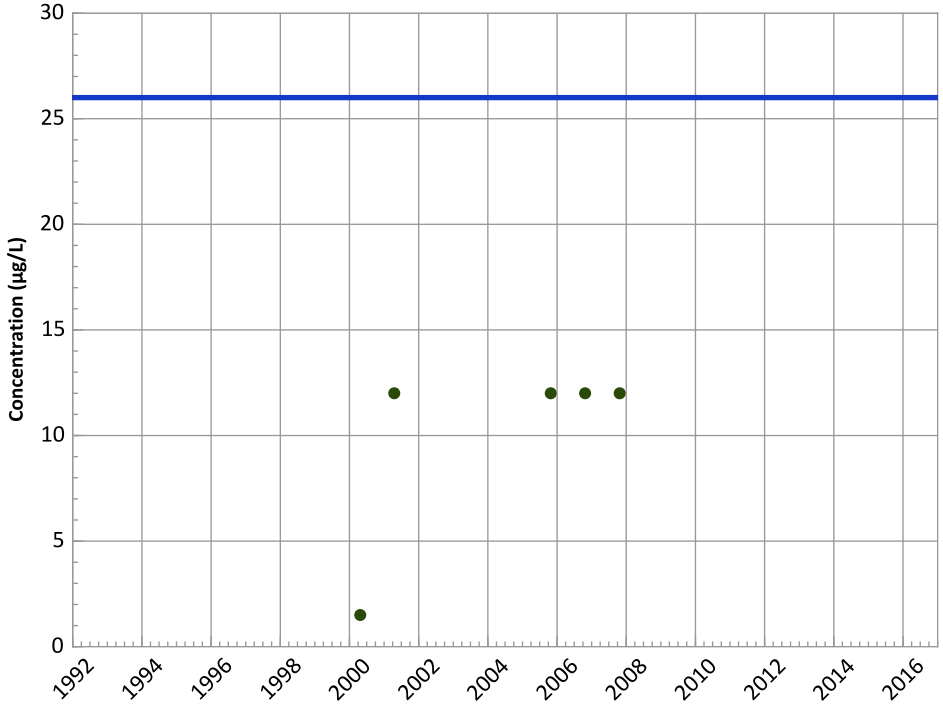


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Perchlorate Trend



Concentration Trend

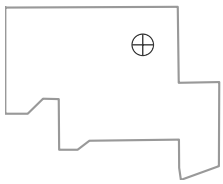
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 07/20/2015
Analysis Date: 03/07/2017

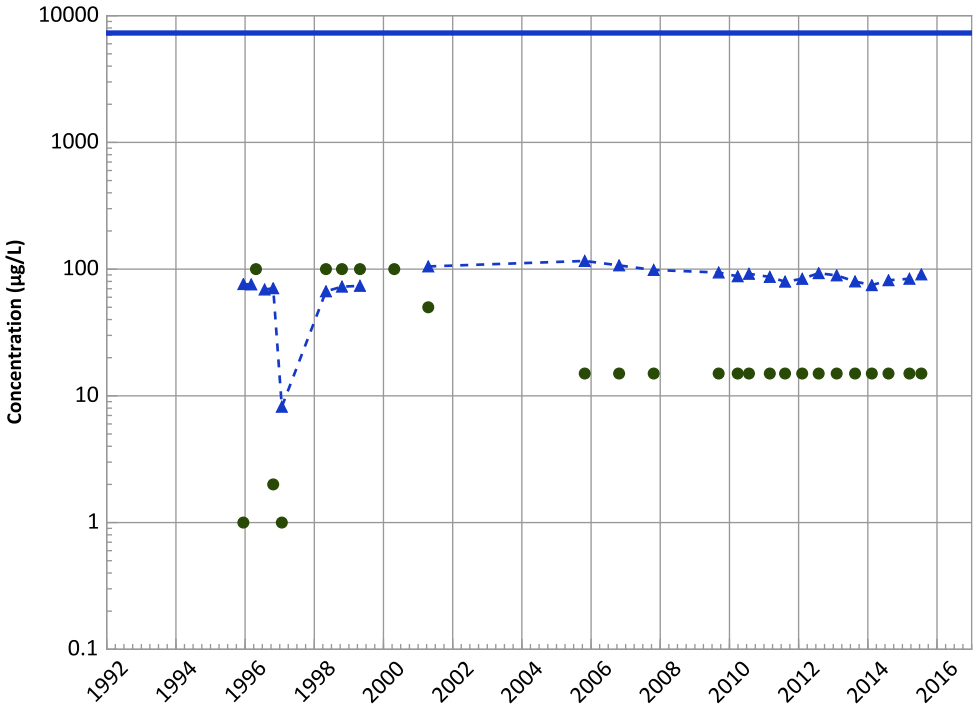
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

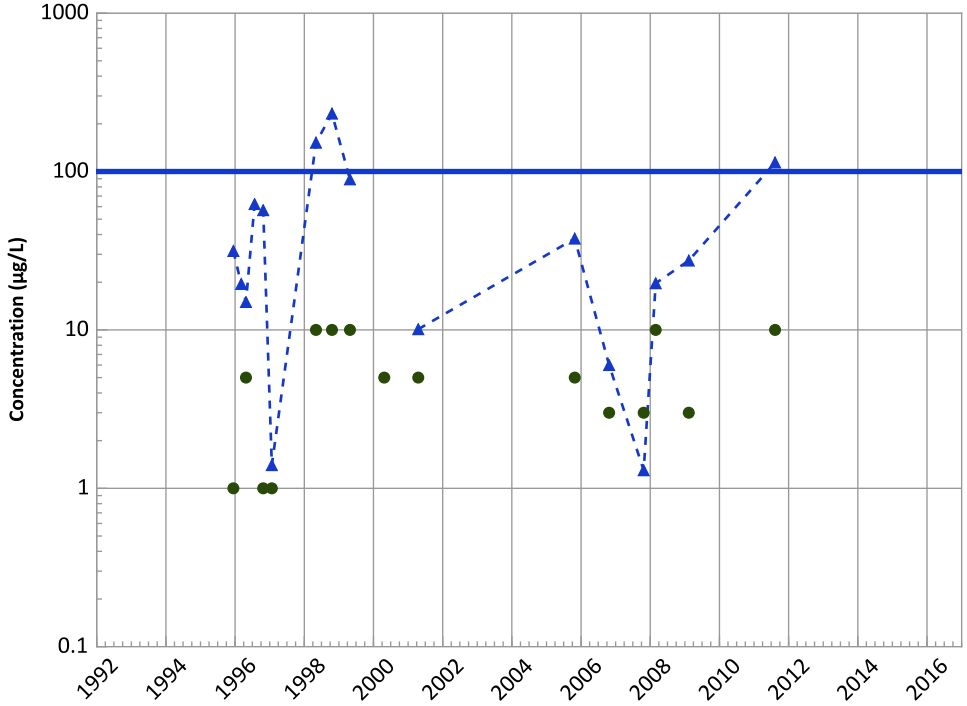


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Increasing

Chromium, Total Trend



Concentration Trend

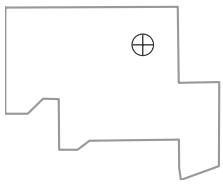
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 07/20/2015
Analysis Date: 03/07/2017

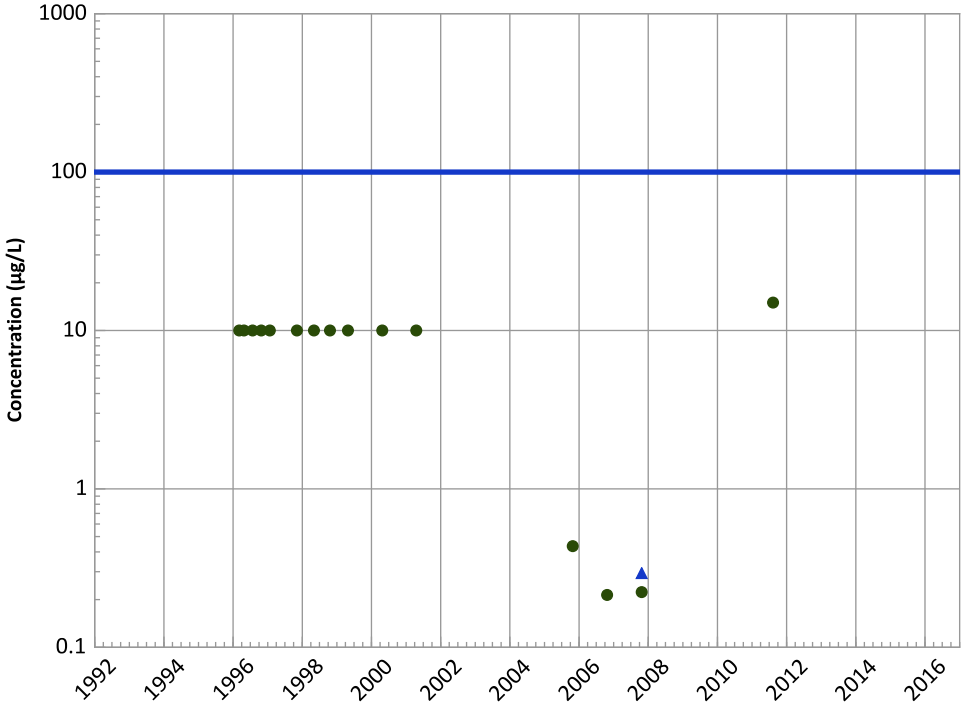
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

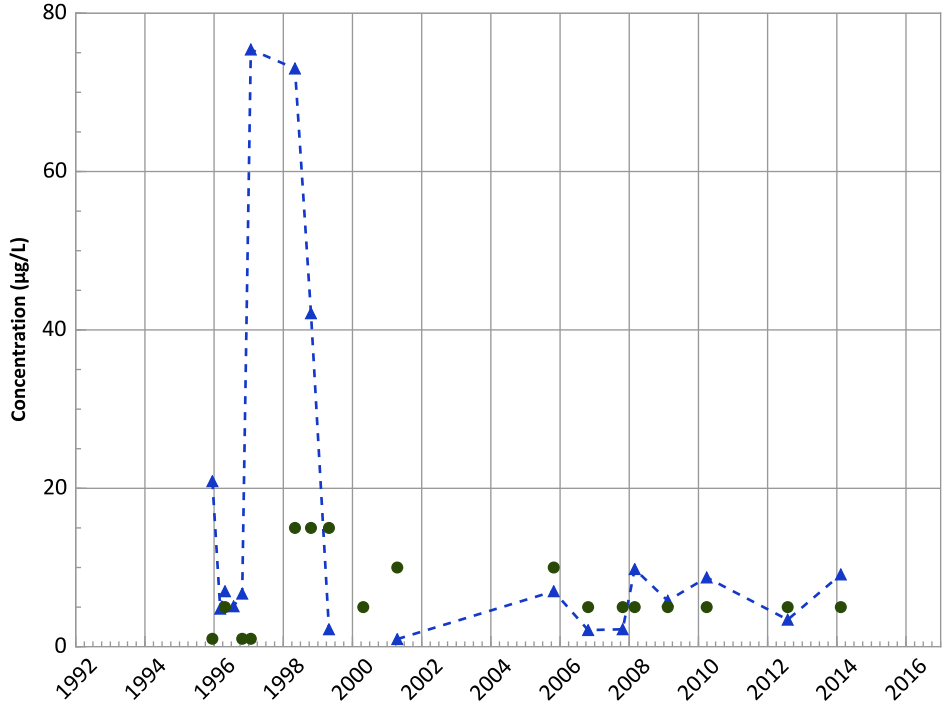


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

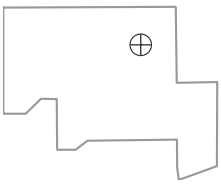
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 07/20/2015
Analysis Date: 03/07/2017

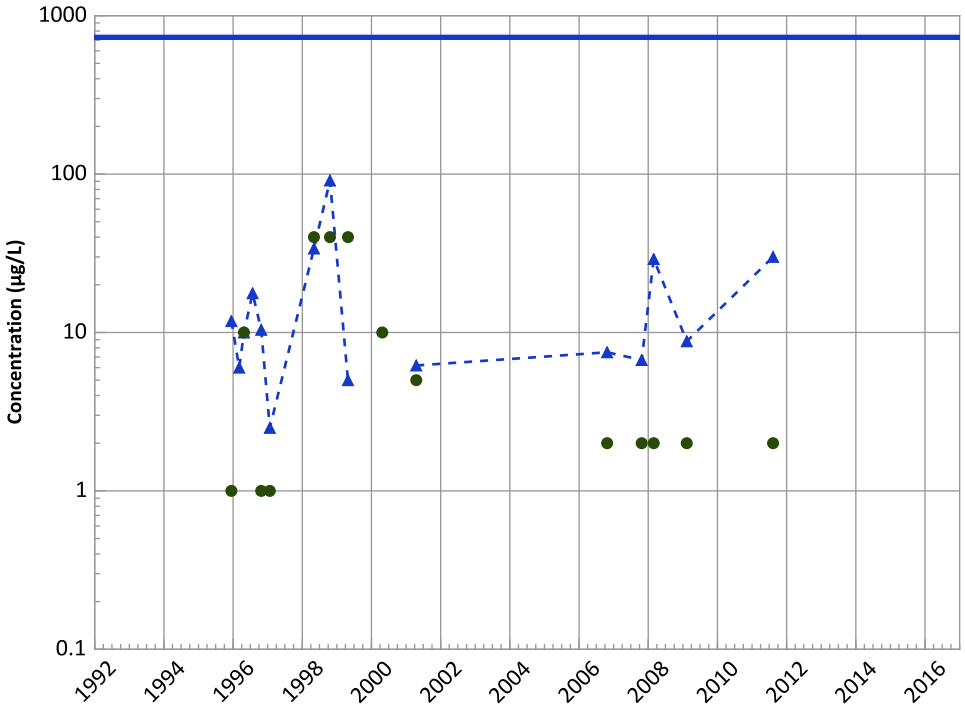
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

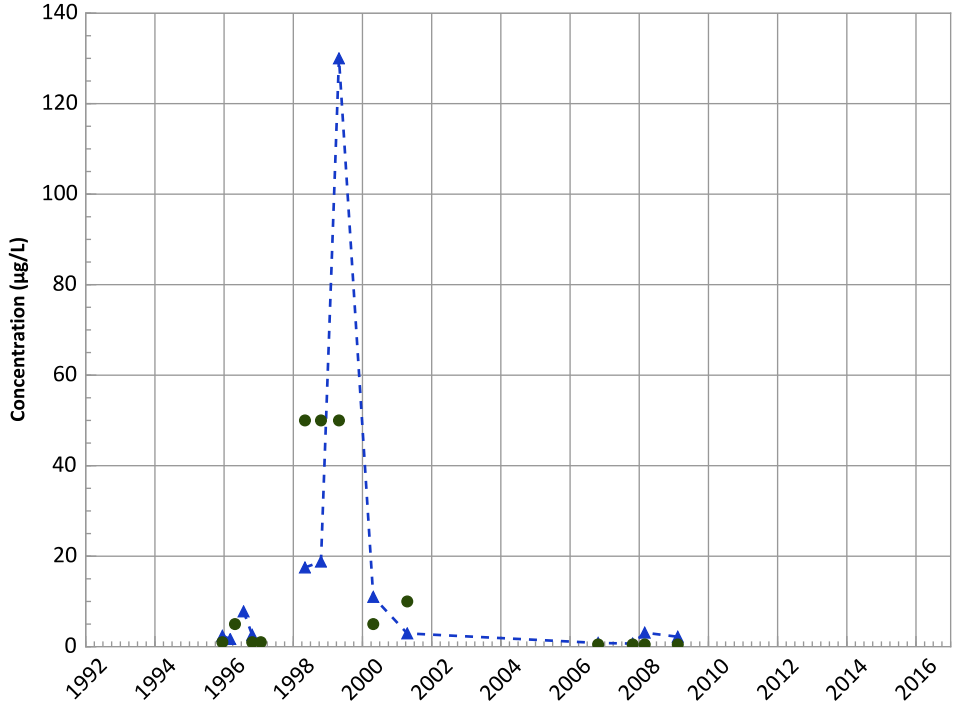


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Molybdenum Trend



Concentration Trend

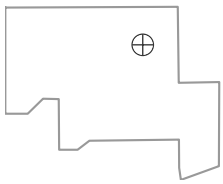
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 07/20/2015
Analysis Date: 03/07/2017

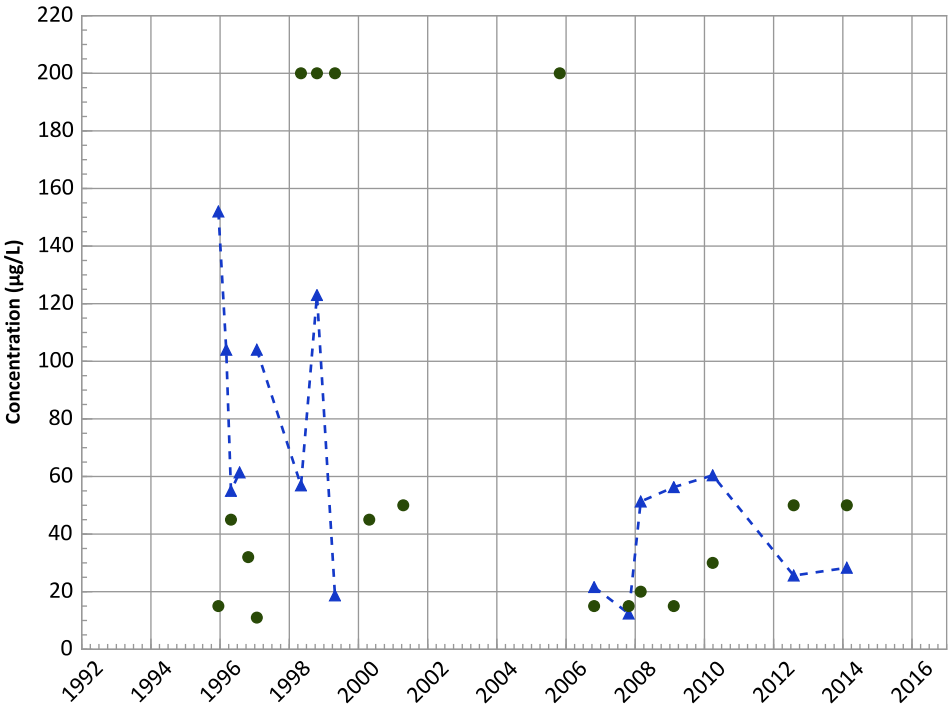
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

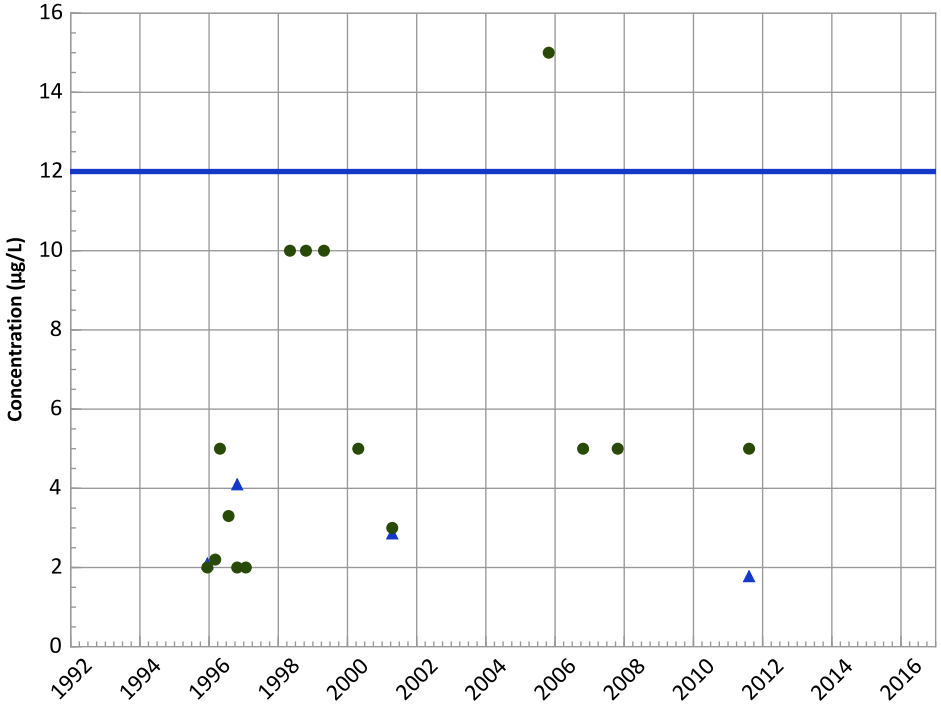


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Arsenic Trend



Concentration Trend

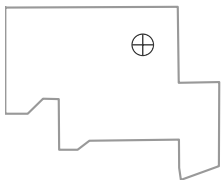
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 07/20/2015
Analysis Date: 03/07/2017

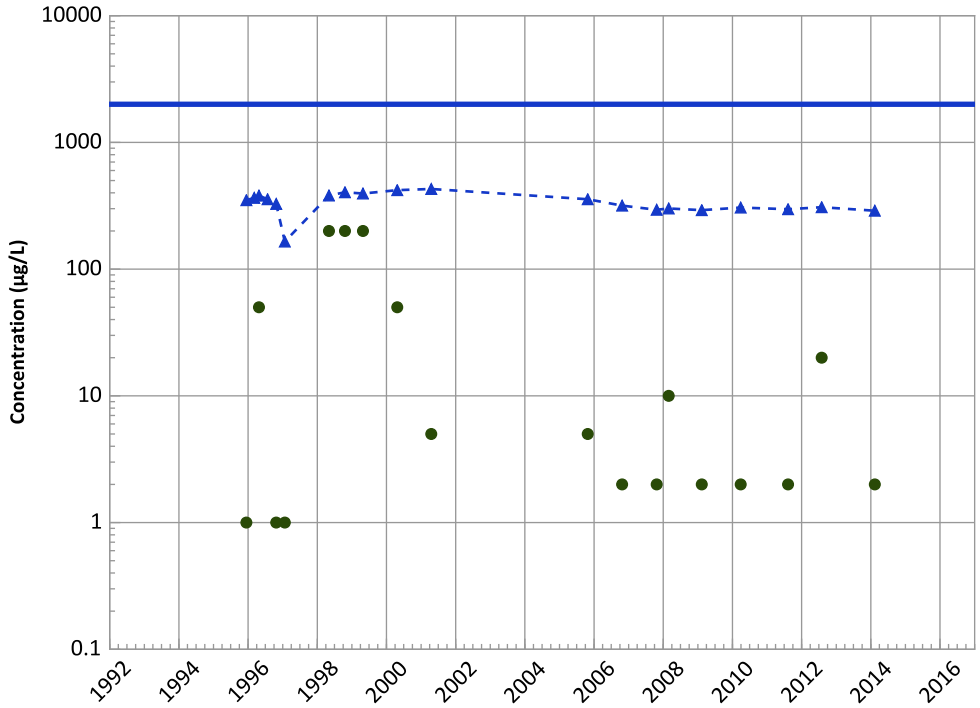
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

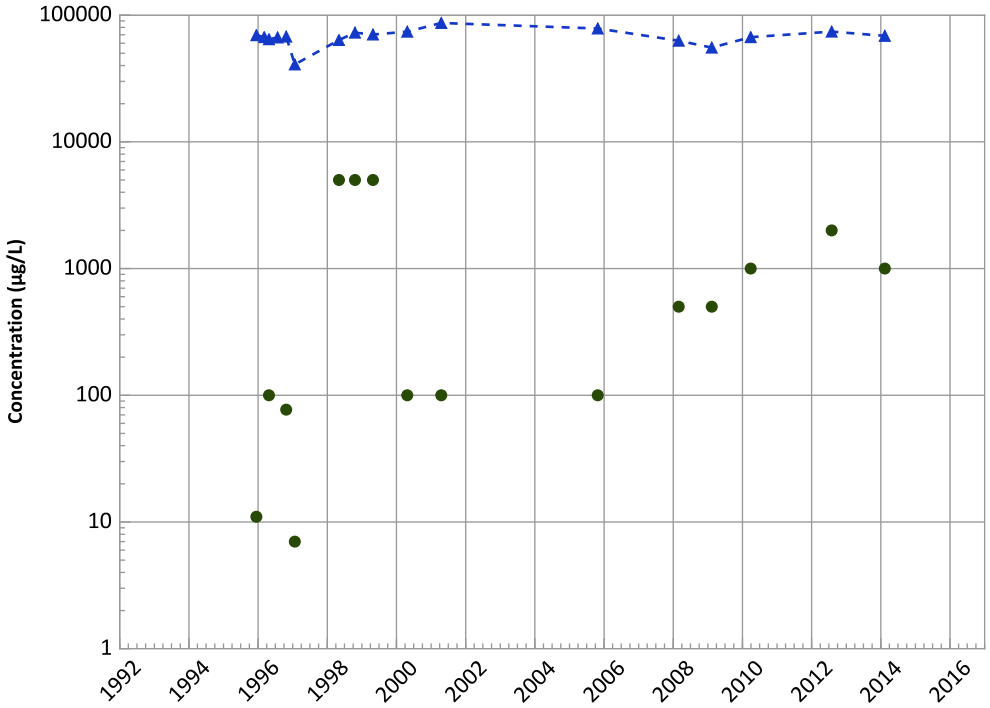


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Calcium Trend



Concentration Trend

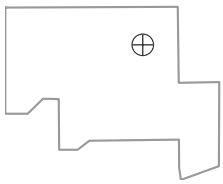
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 07/20/2015
Analysis Date: 03/07/2017

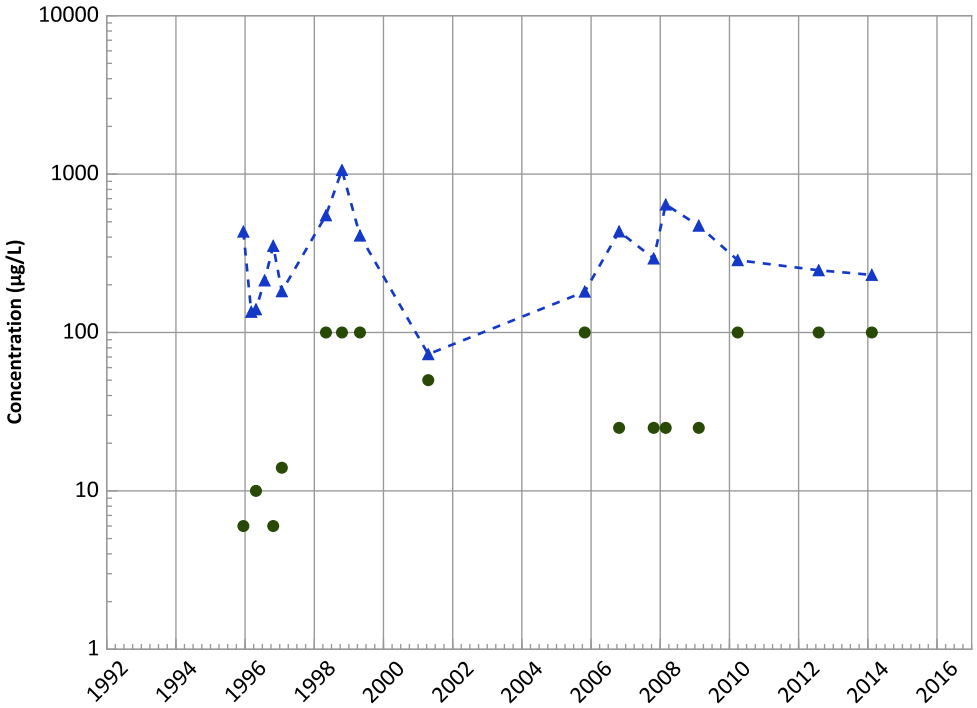
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

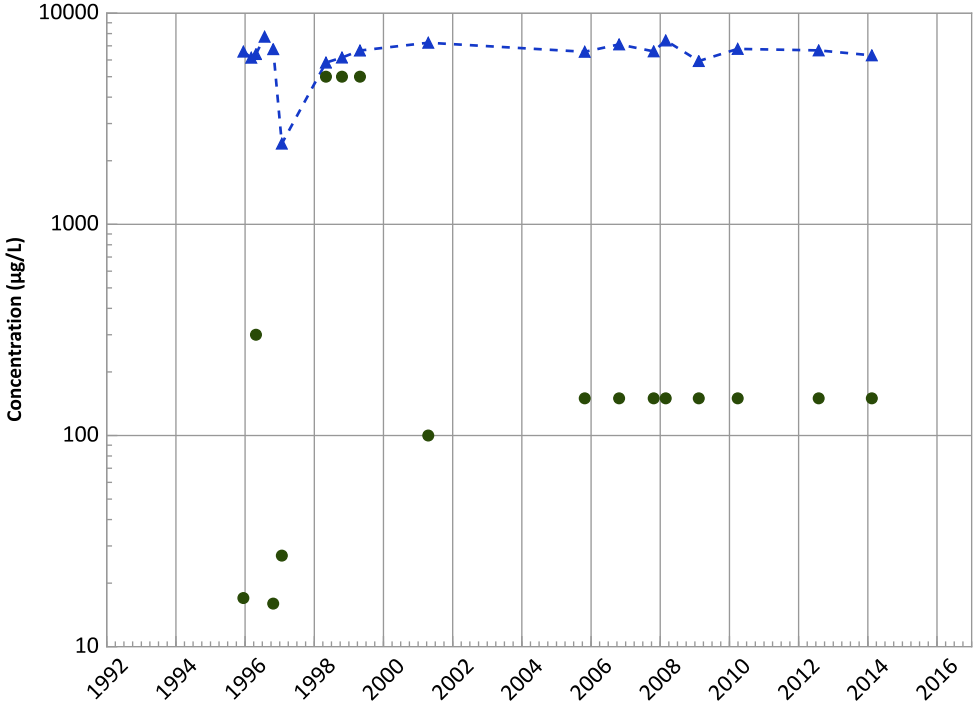


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Potassium Trend



Concentration Trend

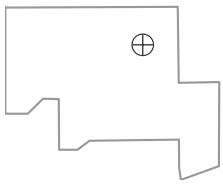
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 07/20/2015
Analysis Date: 03/07/2017

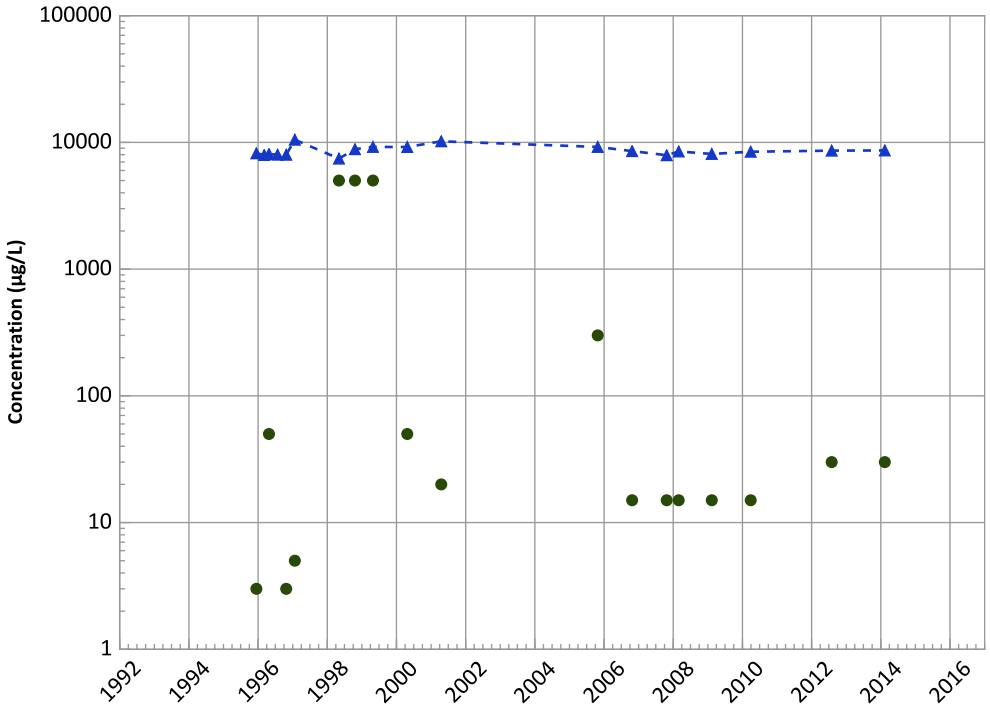
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

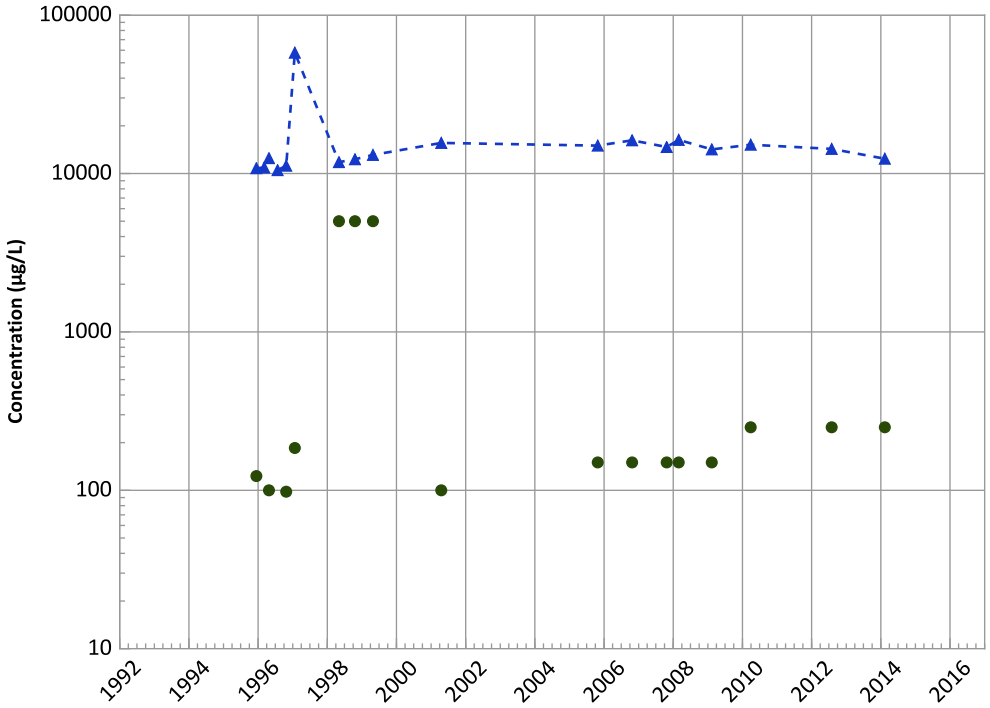


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Sodium Trend



Concentration Trend

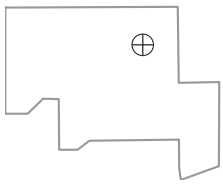
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

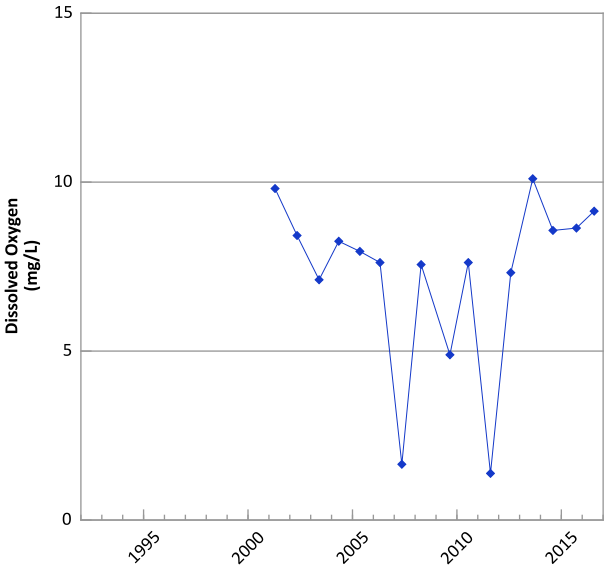
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 07/20/2015
Analysis Date: 03/07/2017

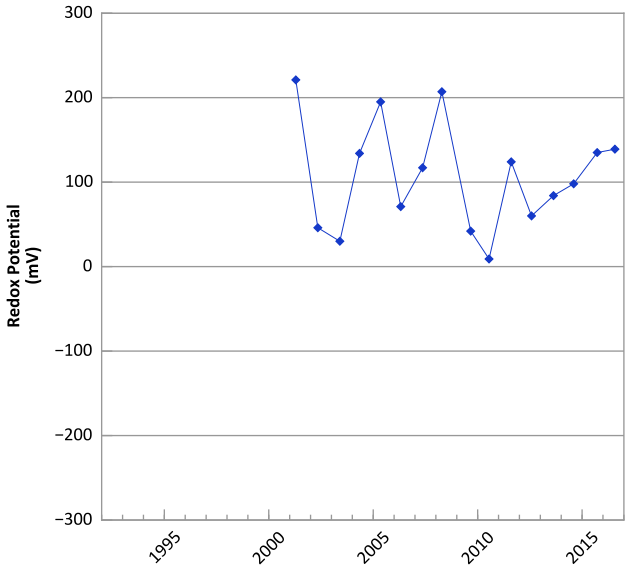
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

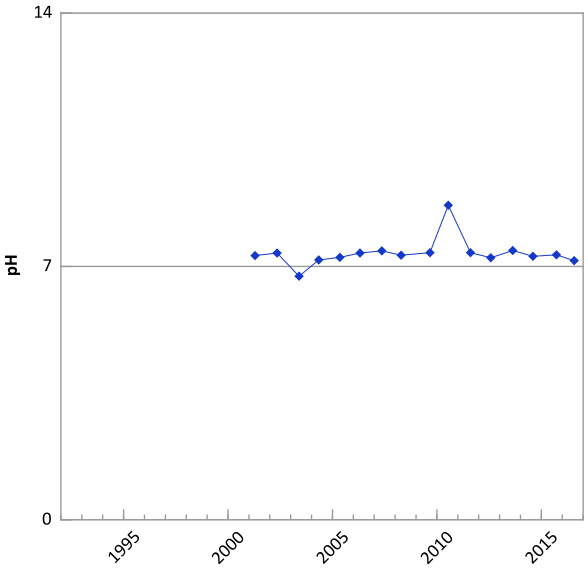
Well Location

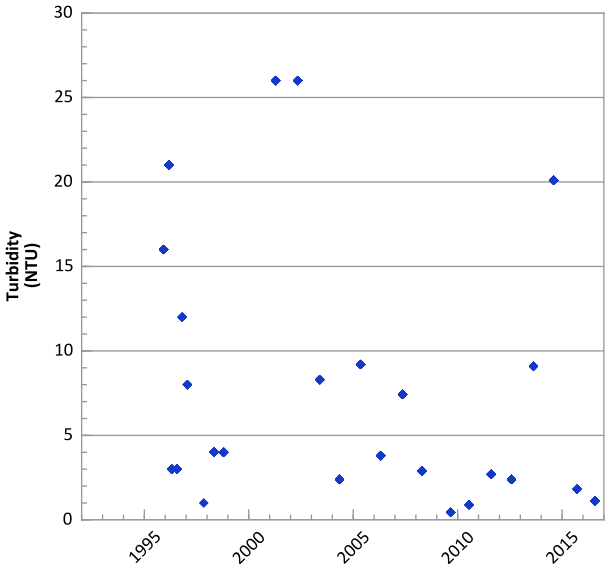


PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



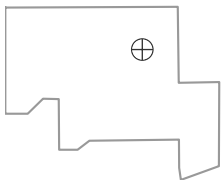






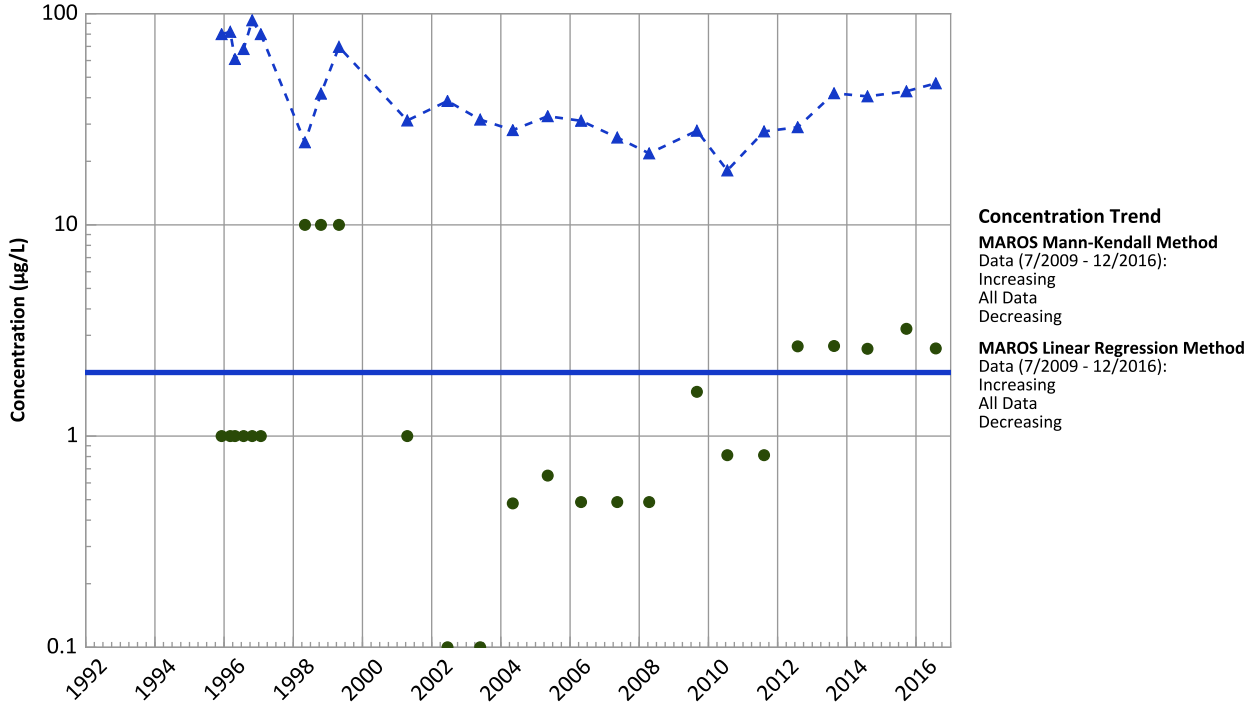
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/06/1995 to 07/28/2016
Analysis Date: 03/07/2017

Well Location

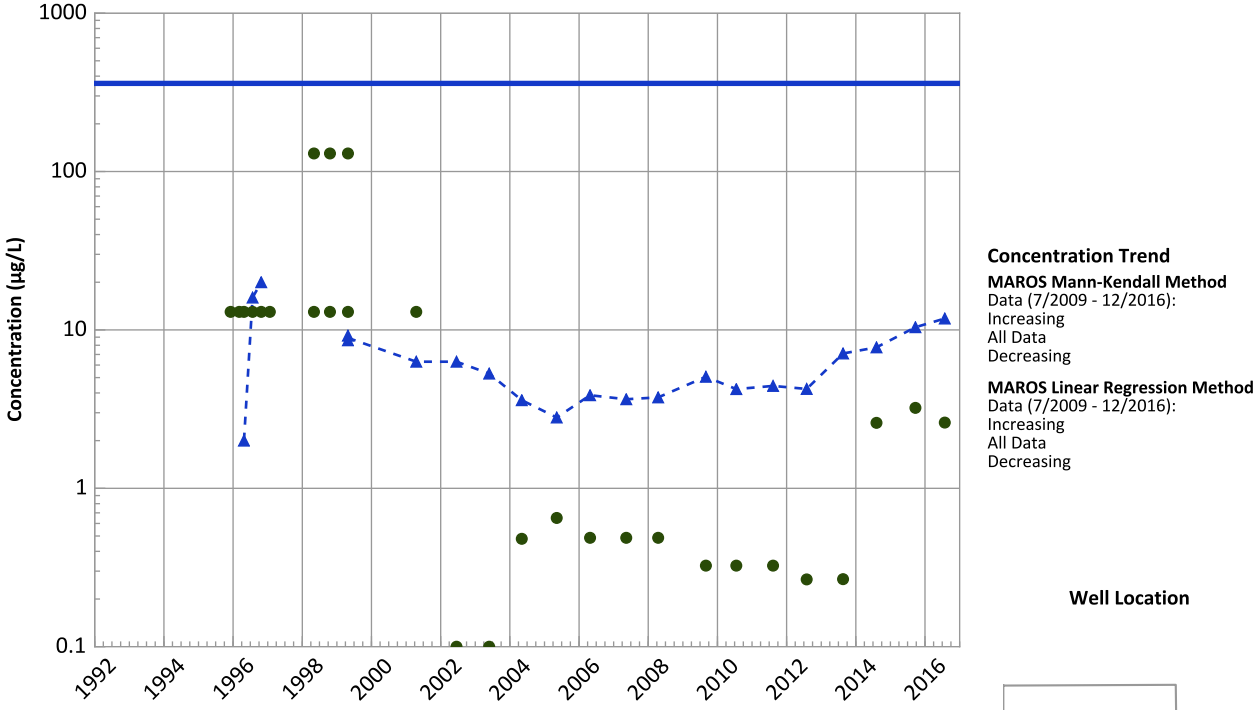


PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



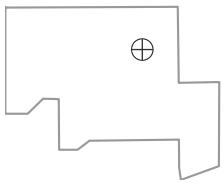
HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/06/1995 to 07/28/2016
Analysis Date: 03/07/2017

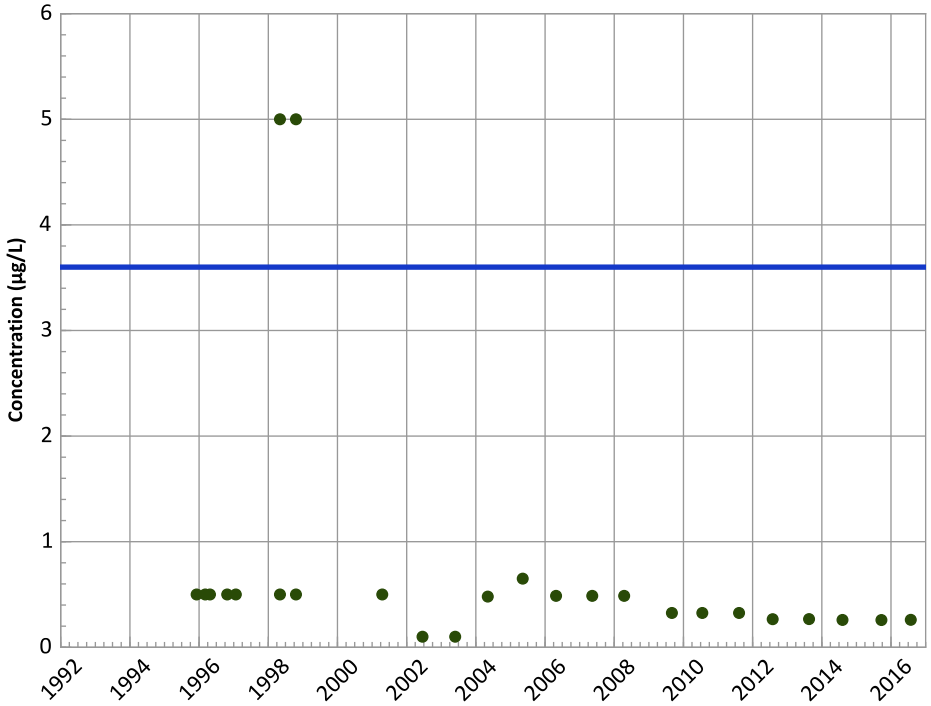
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

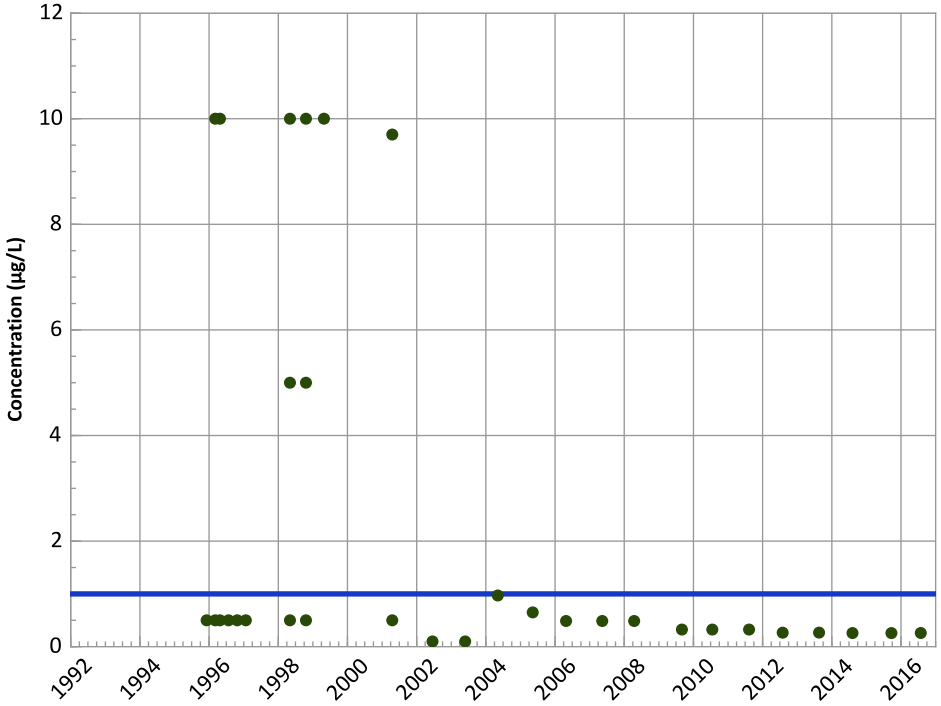


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

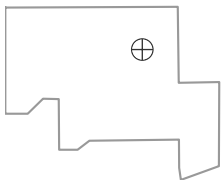
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/06/1995 to 07/28/2016
Analysis Date: 03/07/2017

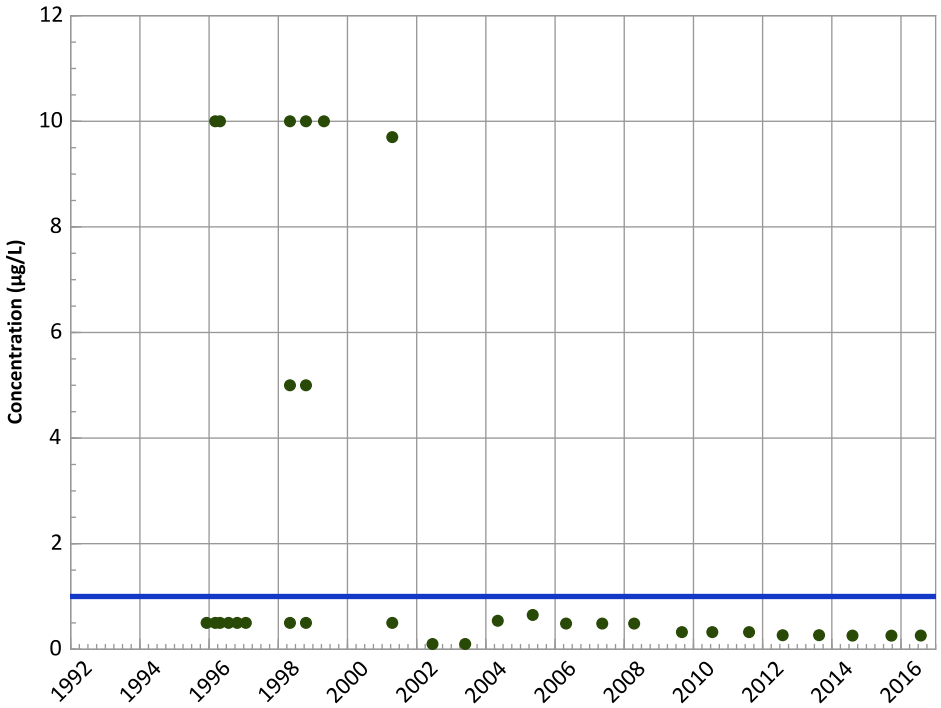
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

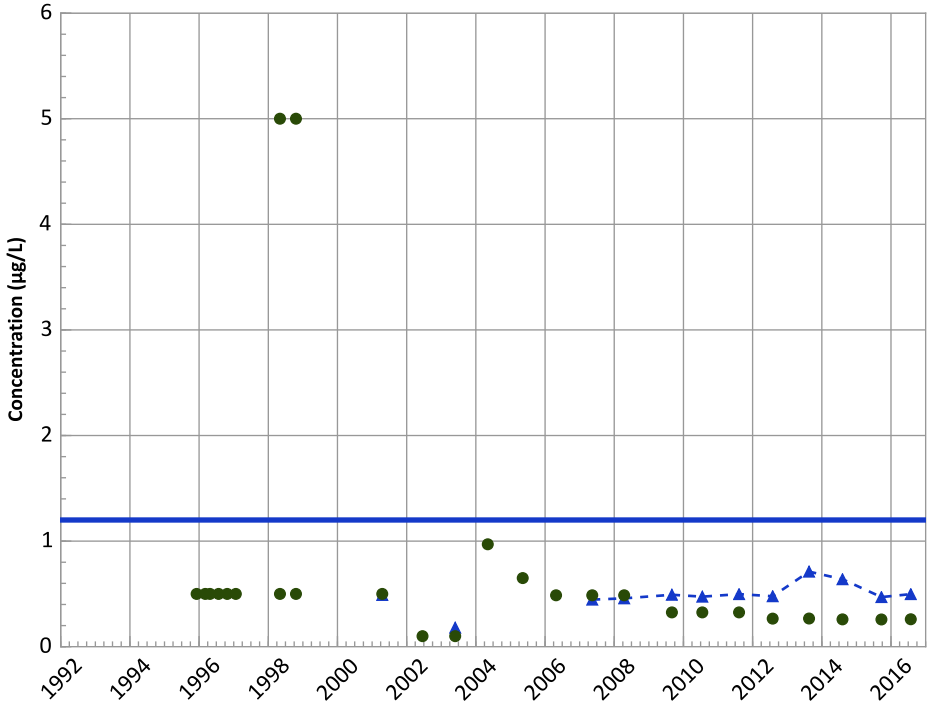


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

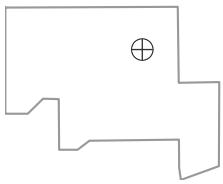
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/06/1995 to 07/28/2016
Analysis Date: 03/07/2017

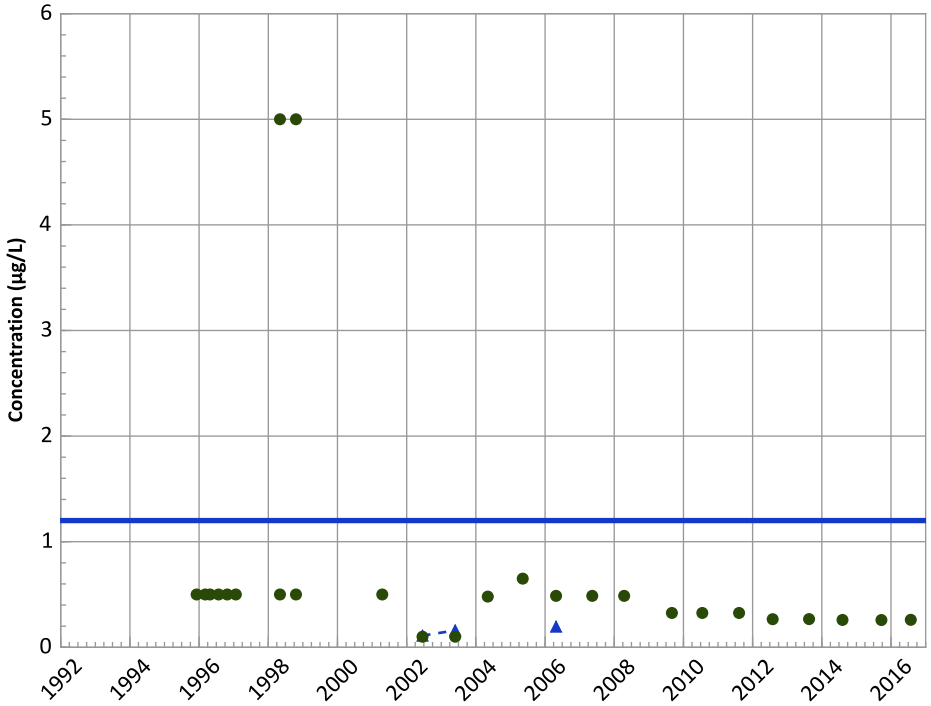
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

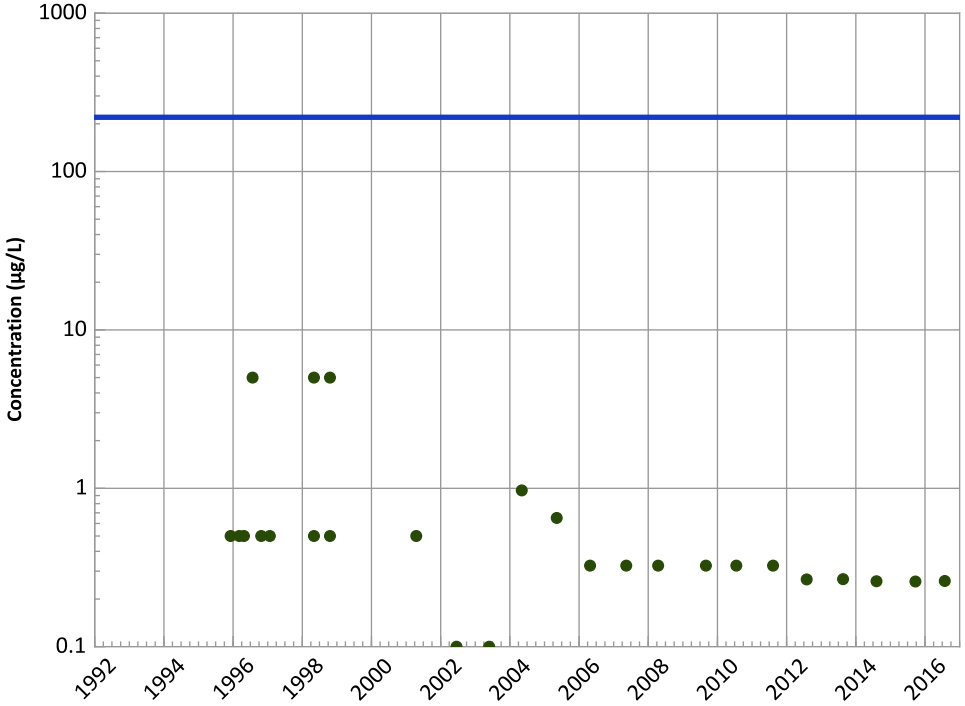


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

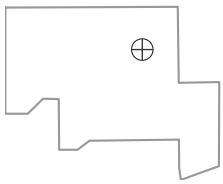
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/06/1995 to 07/28/2016
Analysis Date: 03/07/2017

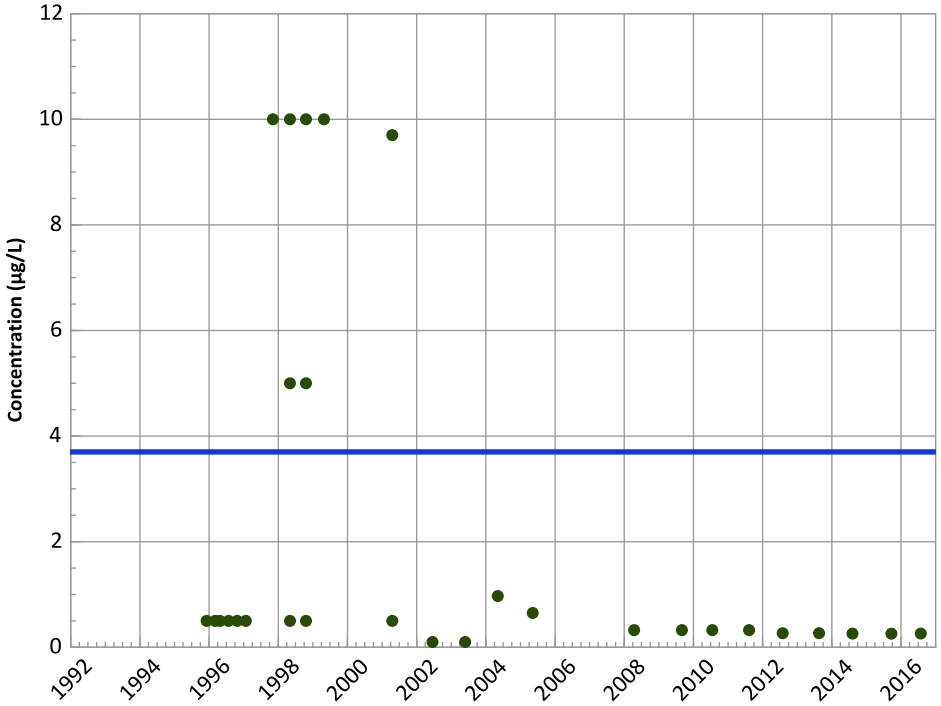
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

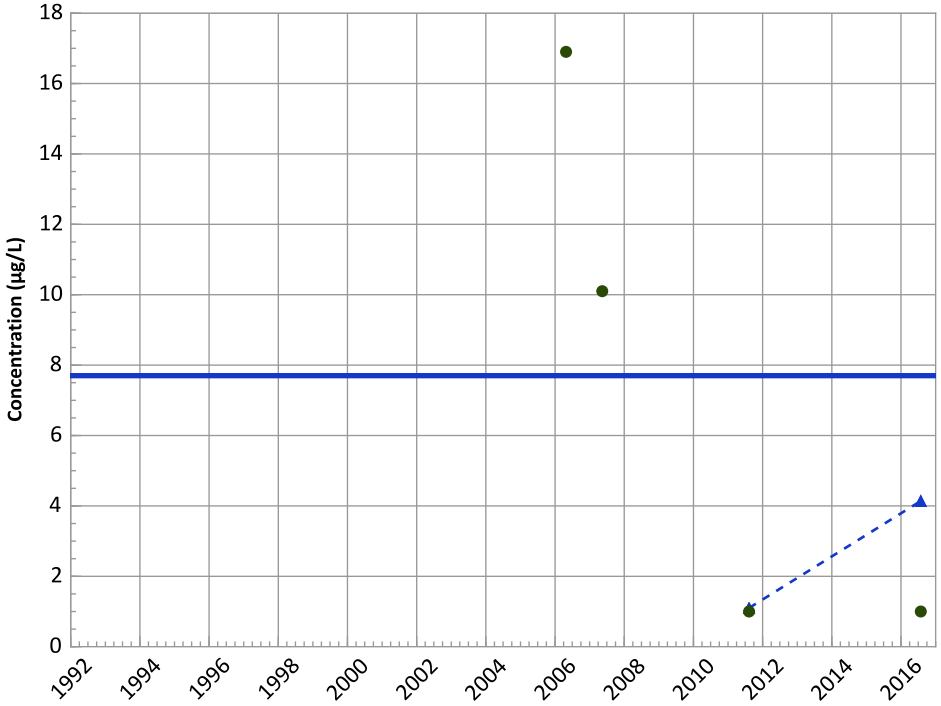


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

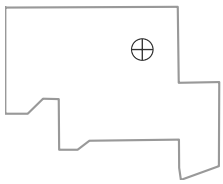
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/06/1995 to 07/28/2016
Analysis Date: 03/07/2017

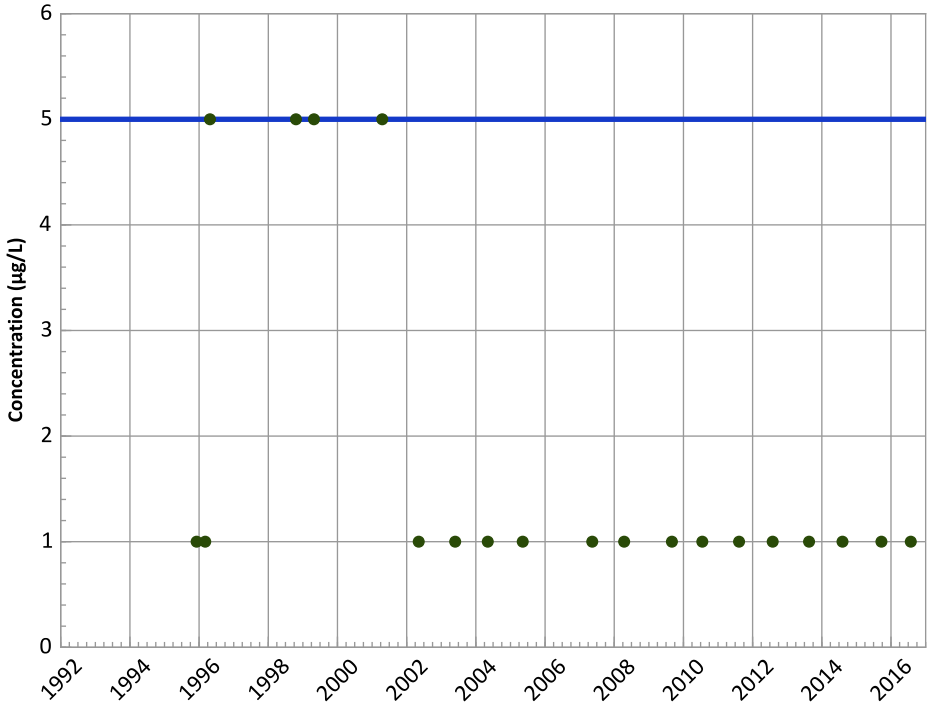
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

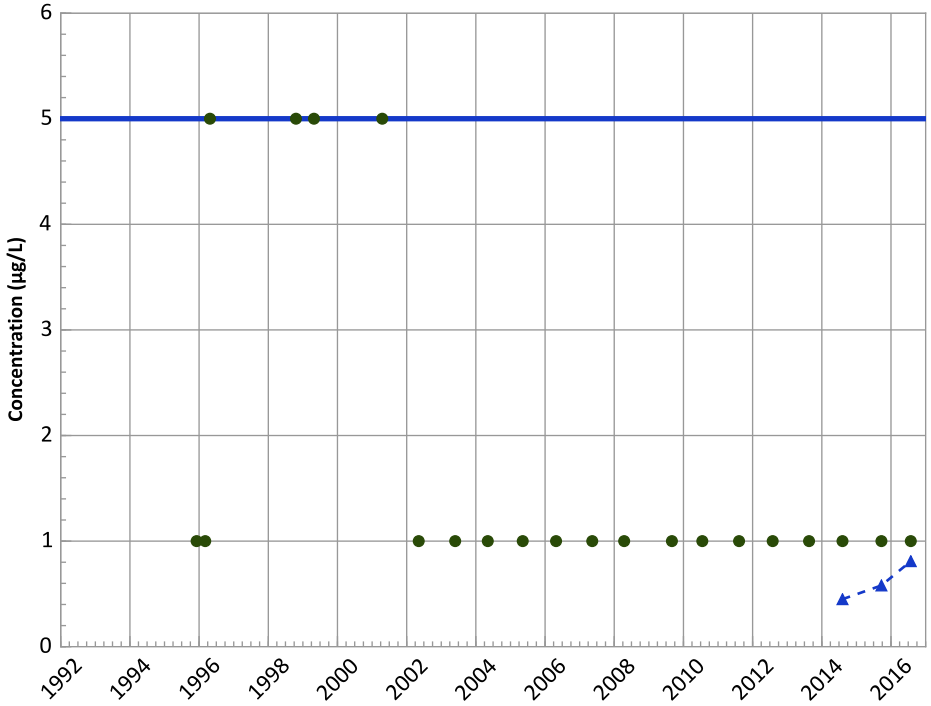


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

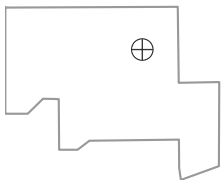
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/06/1995 to 07/28/2016
Analysis Date: 03/07/2017

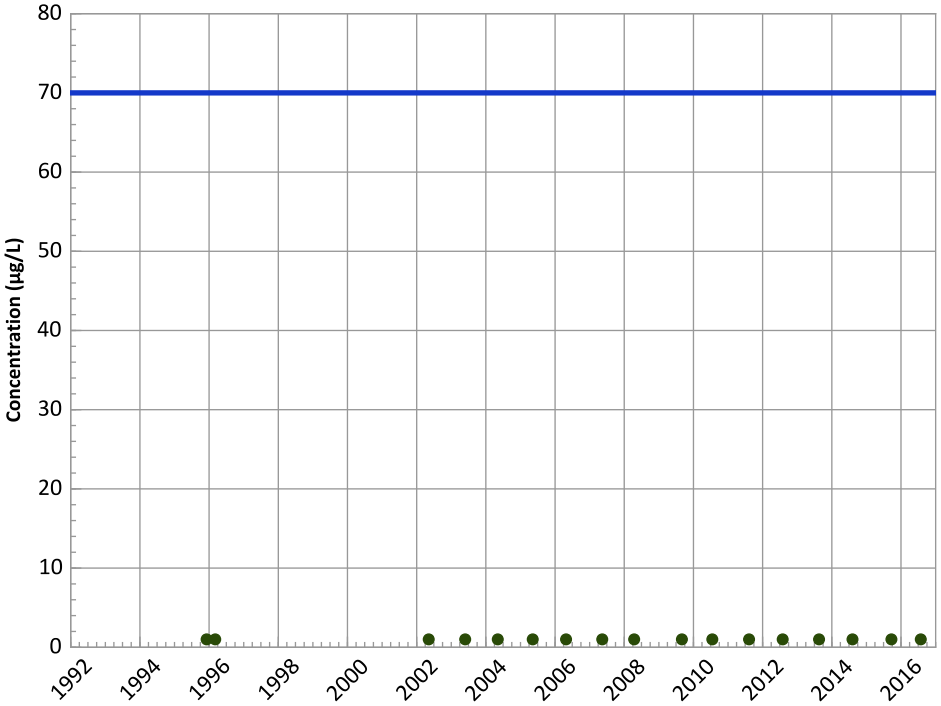
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

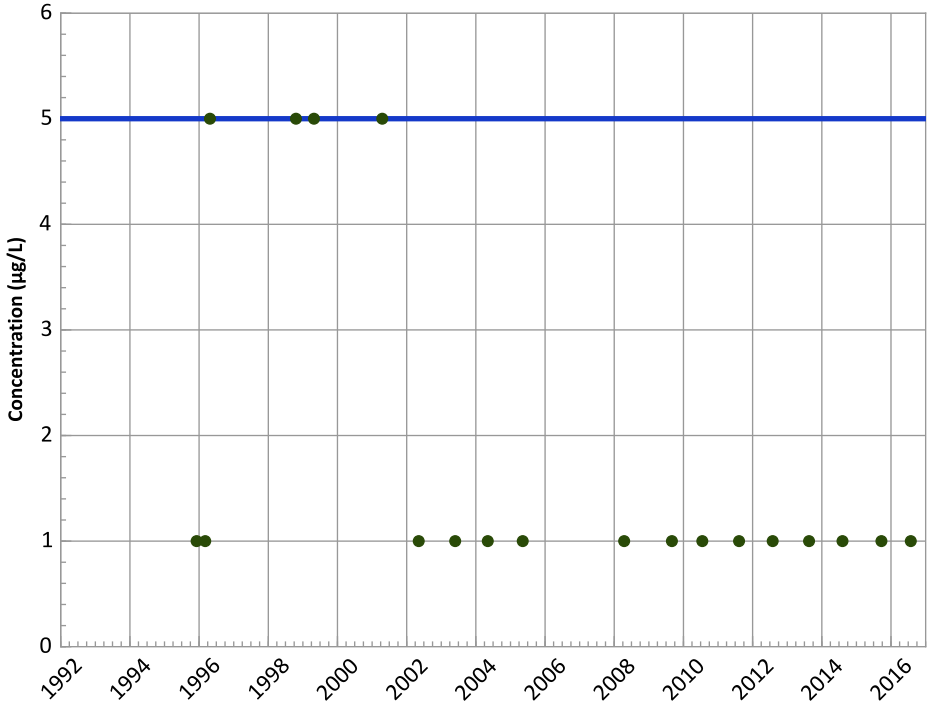


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

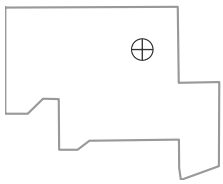
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/06/1995 to 07/28/2016
Analysis Date: 03/07/2017

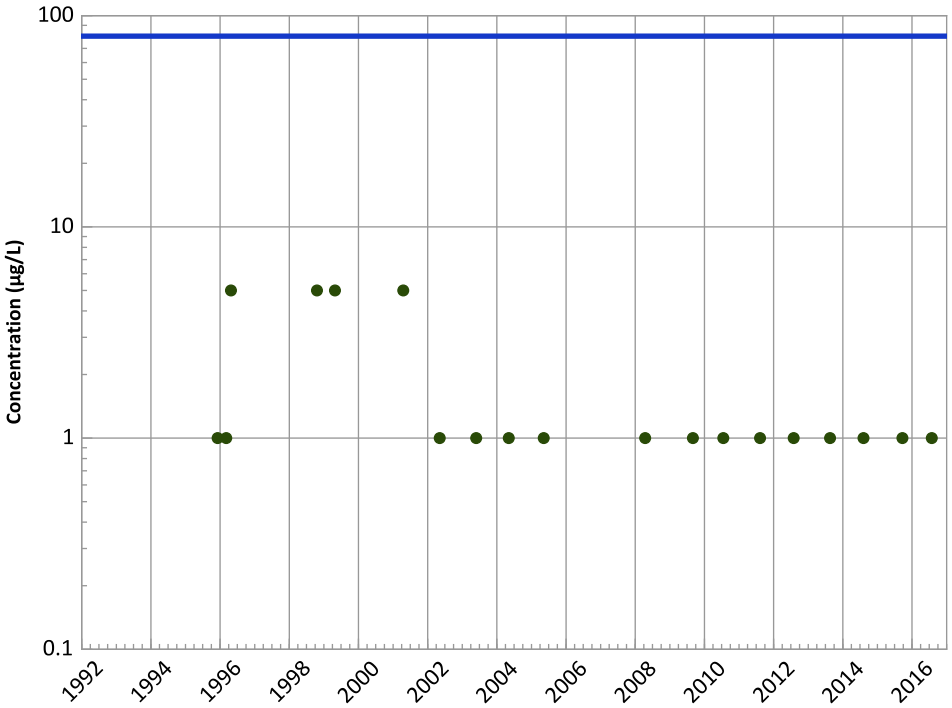
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

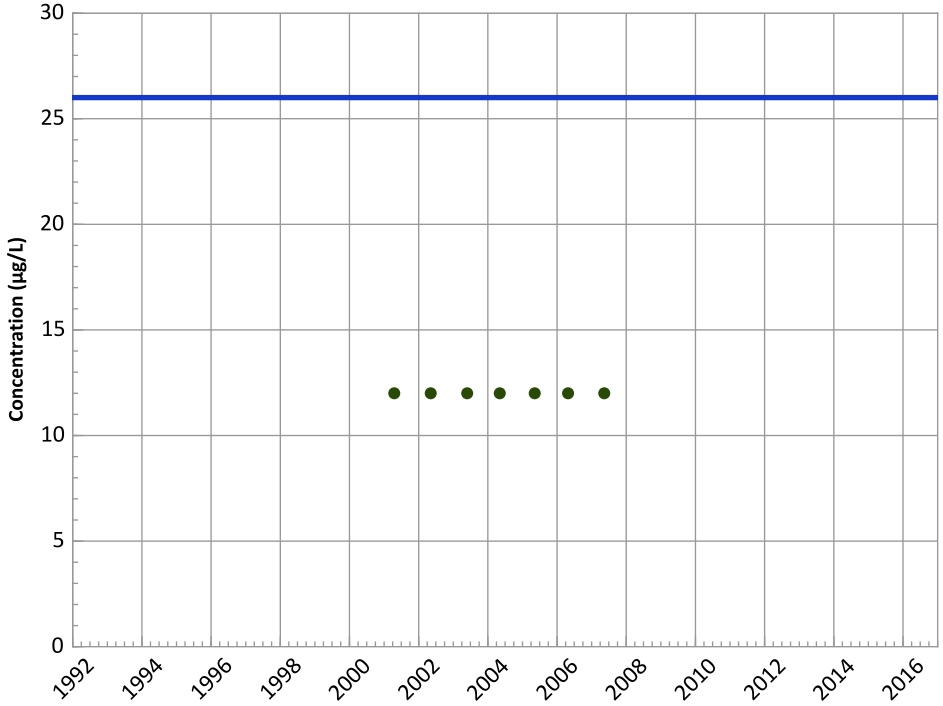


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

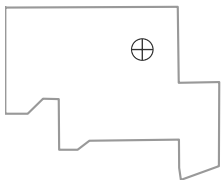
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/06/1995 to 07/28/2016
Analysis Date: 03/07/2017

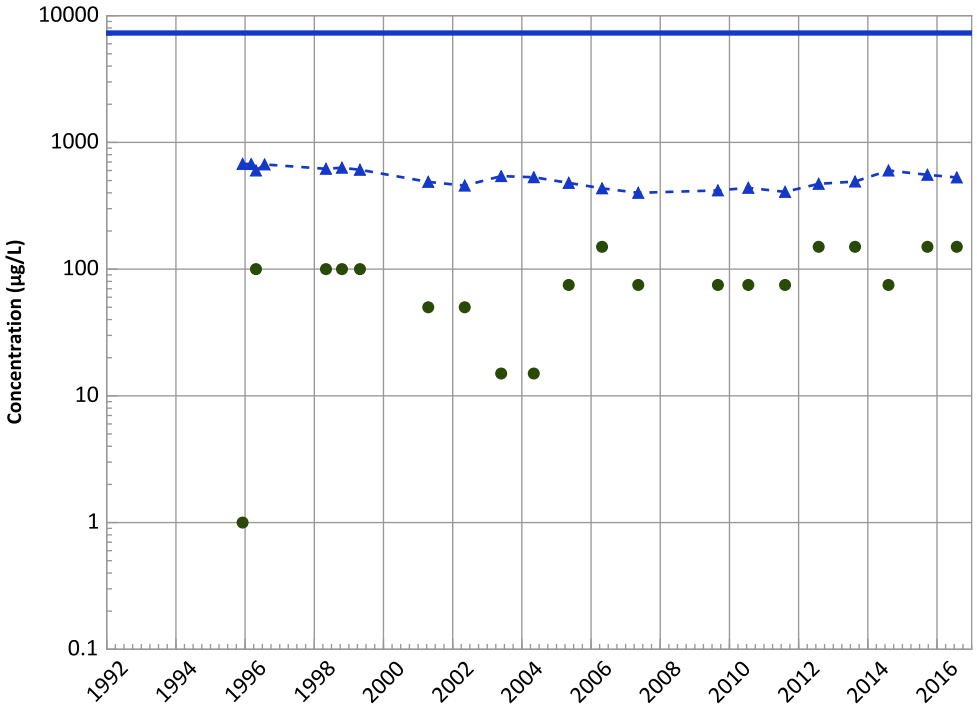
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

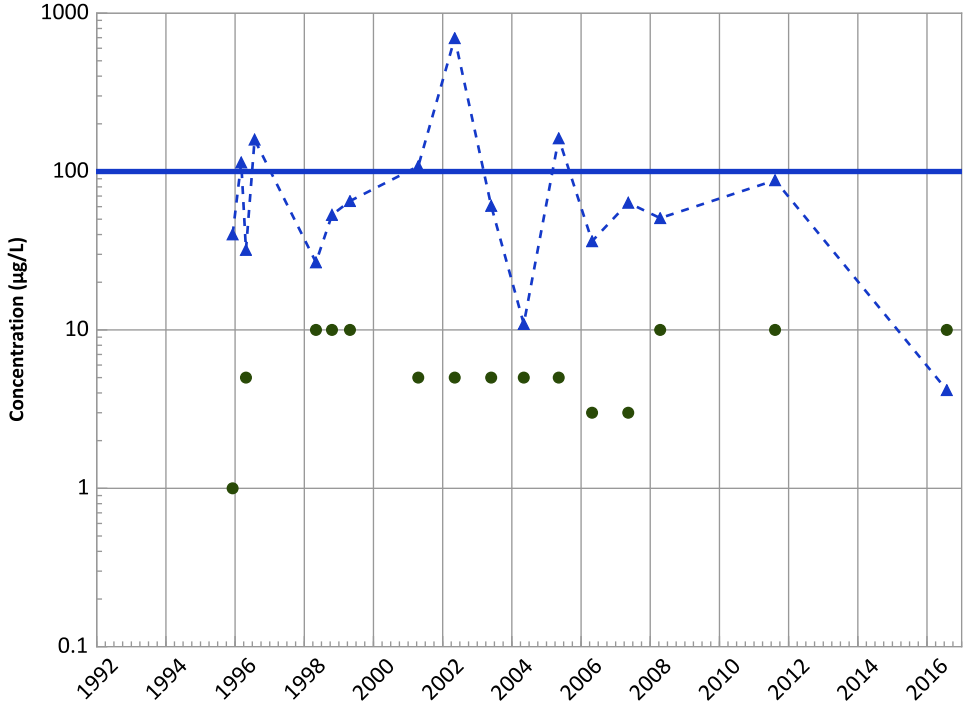


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

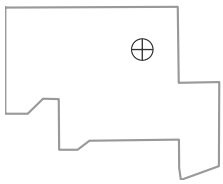
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/06/1995 to 07/28/2016
Analysis Date: 03/07/2017

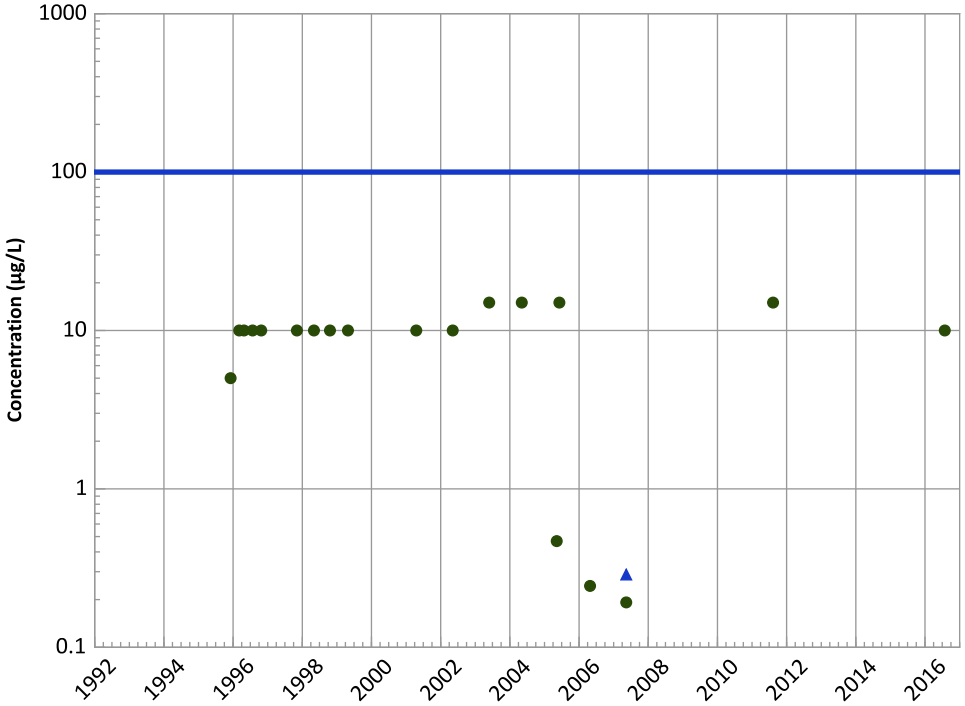
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

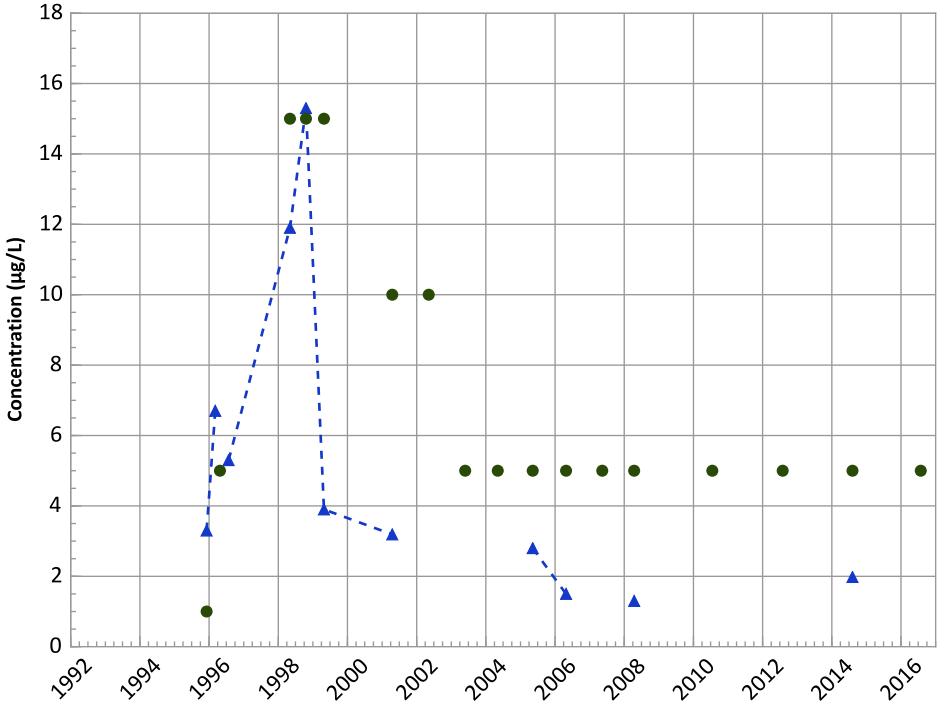


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

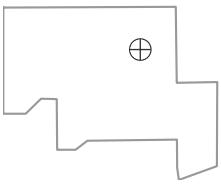
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/06/1995 to 07/28/2016
Analysis Date: 03/07/2017

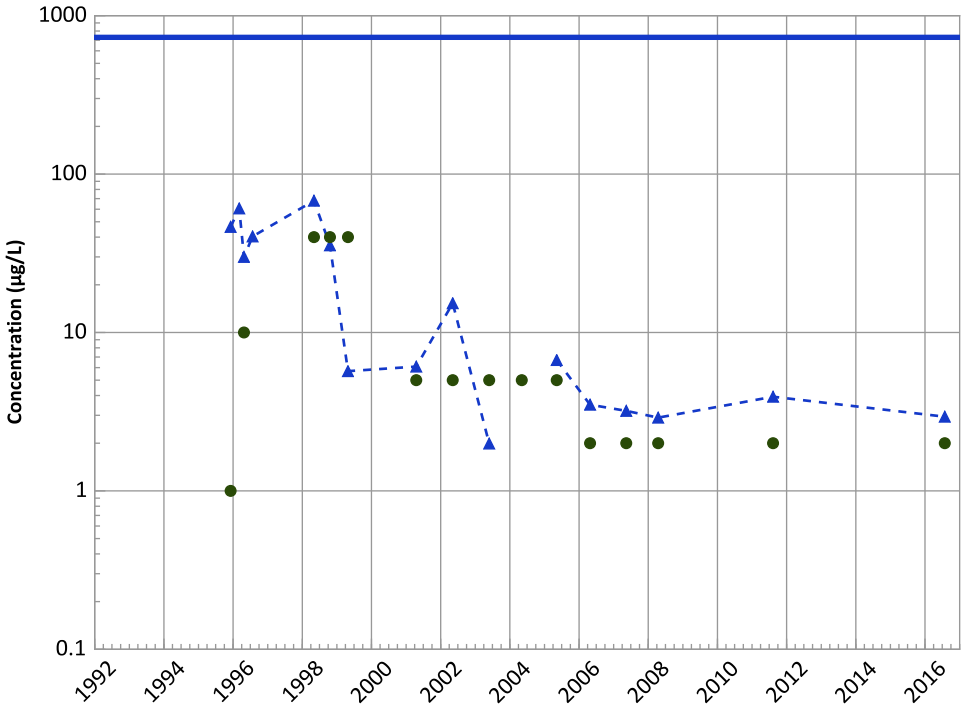
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

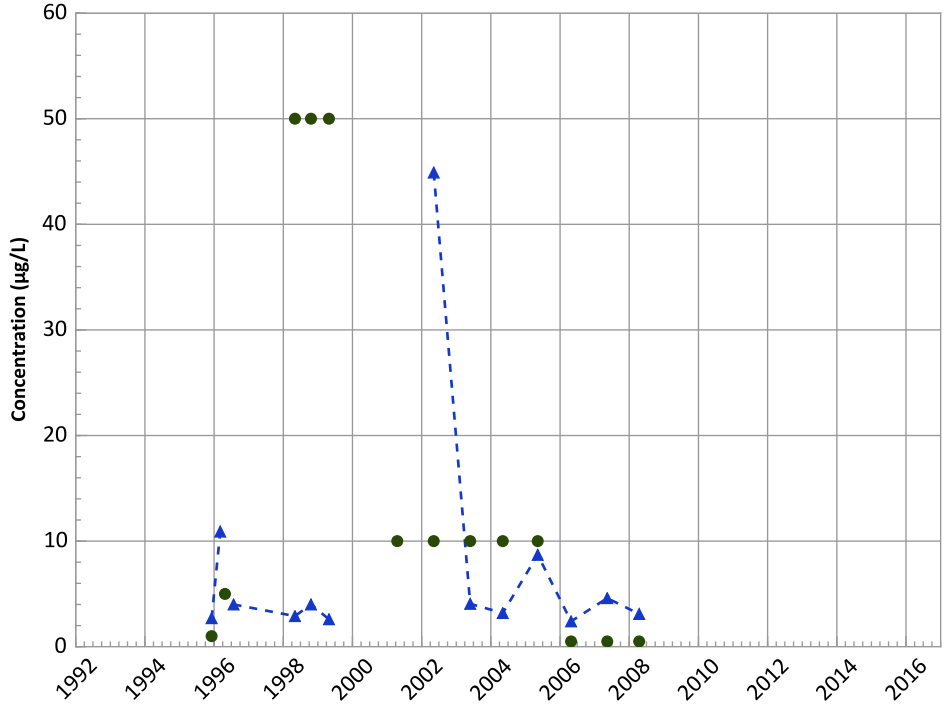


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Molybdenum Trend



Concentration Trend

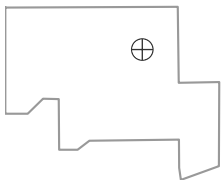
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/06/1995 to 07/28/2016
Analysis Date: 03/07/2017

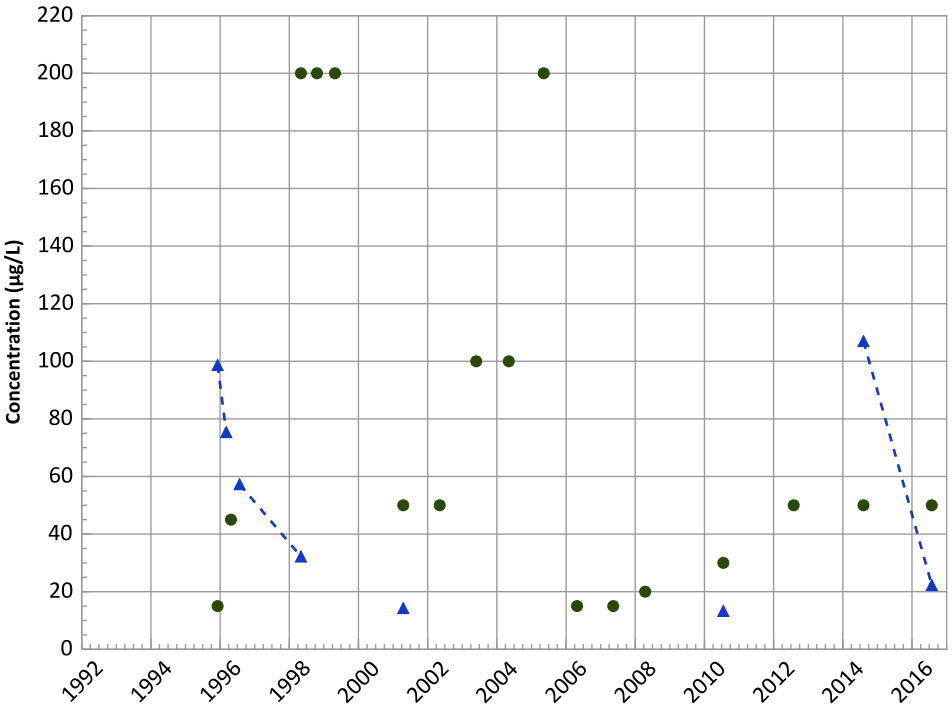
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

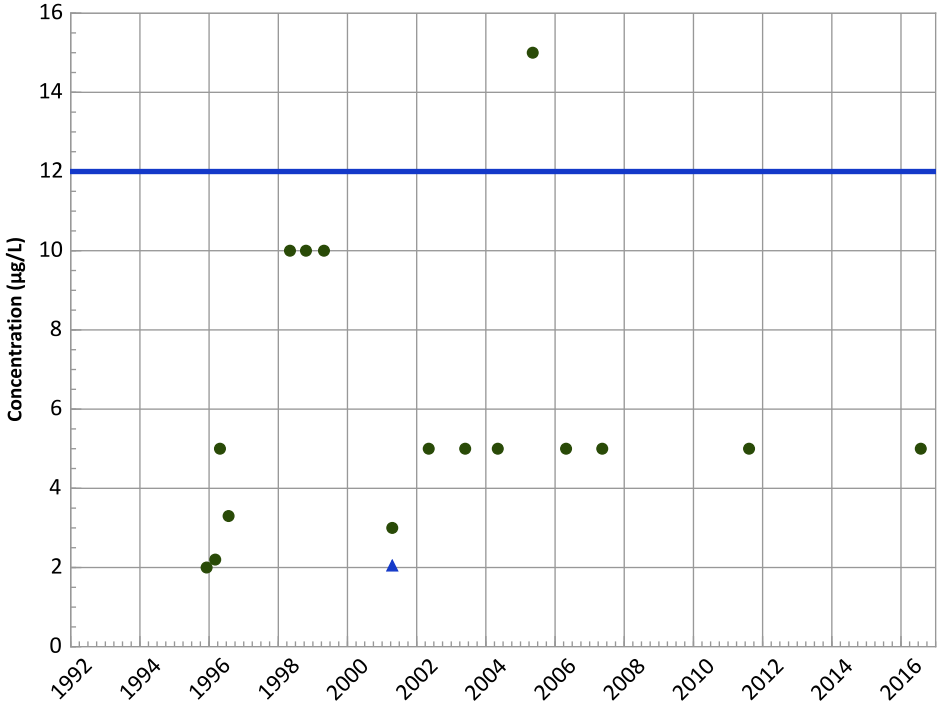


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Arsenic Trend



Concentration Trend

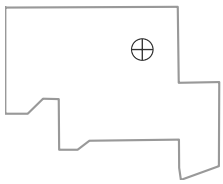
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/06/1995 to 07/28/2016
Analysis Date: 03/07/2017

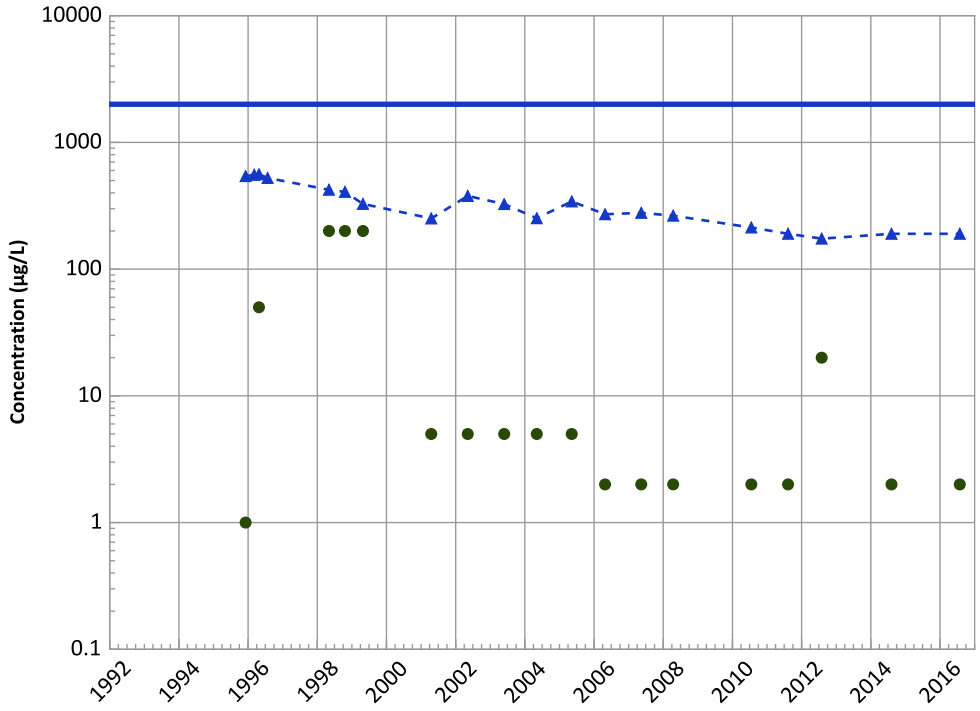
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

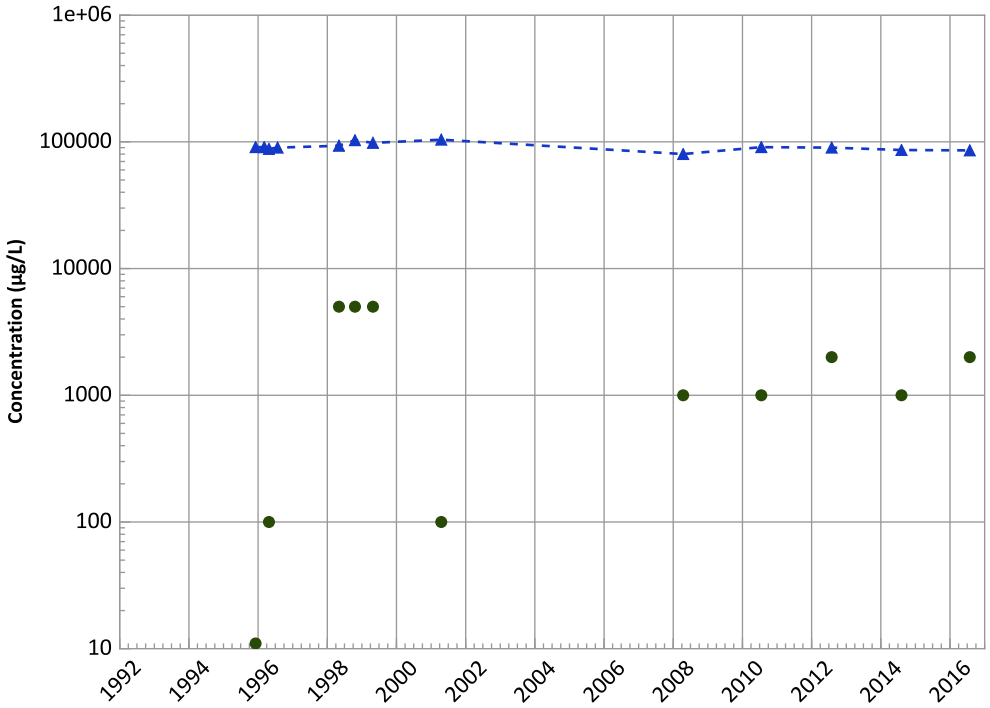


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Calcium Trend



Concentration Trend

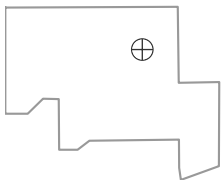
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/06/1995 to 07/28/2016
Analysis Date: 03/07/2017

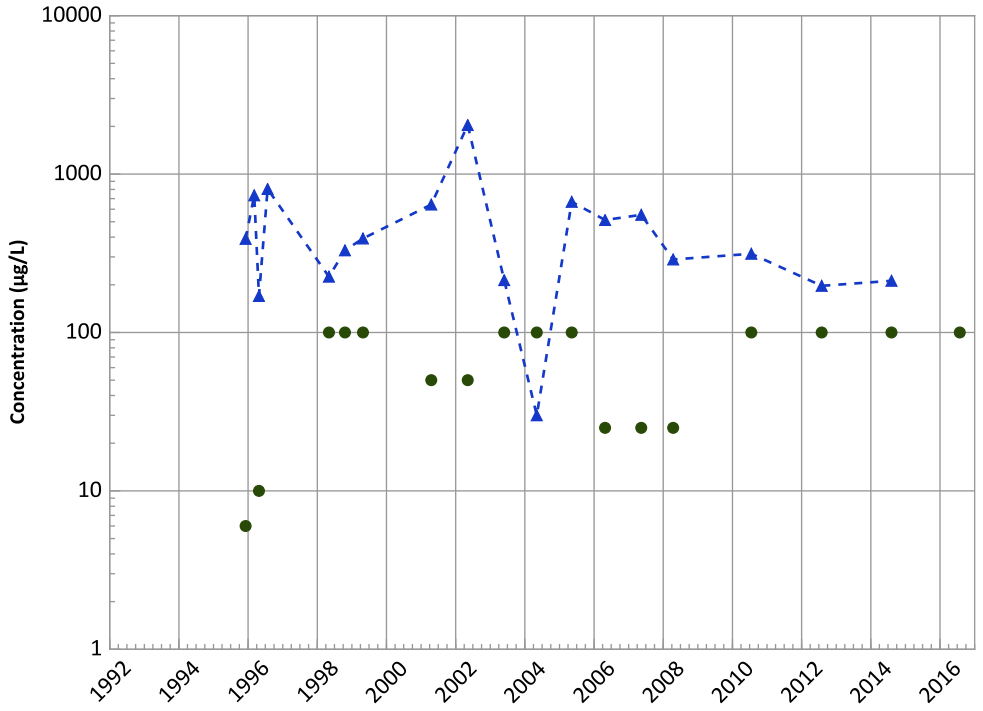
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

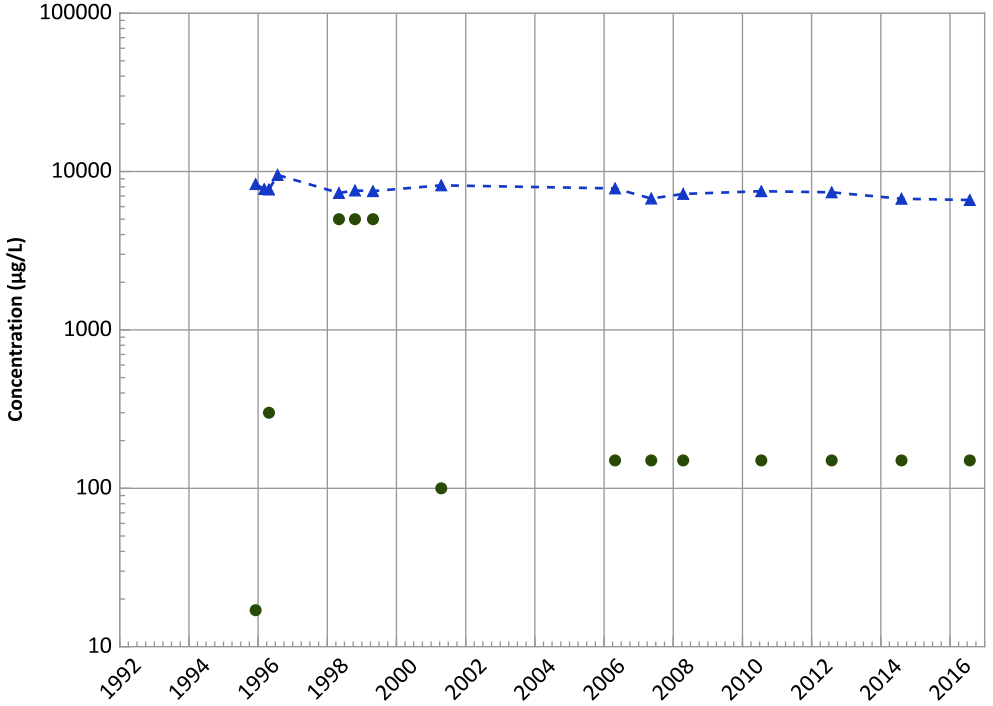


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Potassium Trend



Concentration Trend

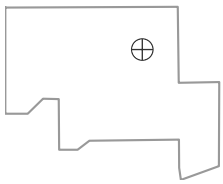
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/06/1995 to 07/28/2016
Analysis Date: 03/07/2017

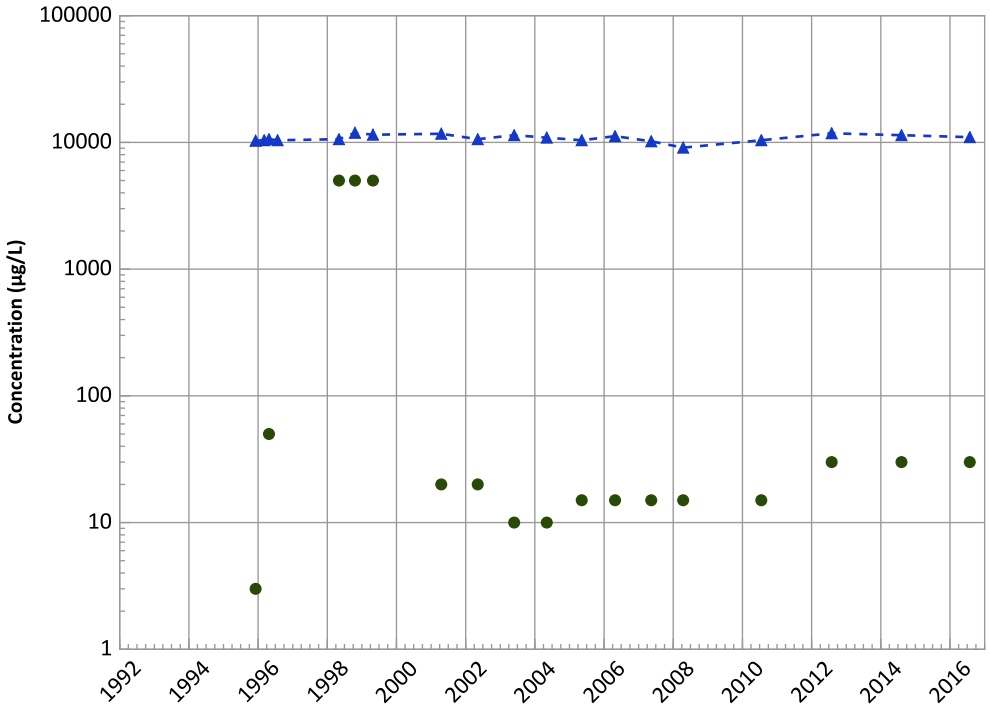
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

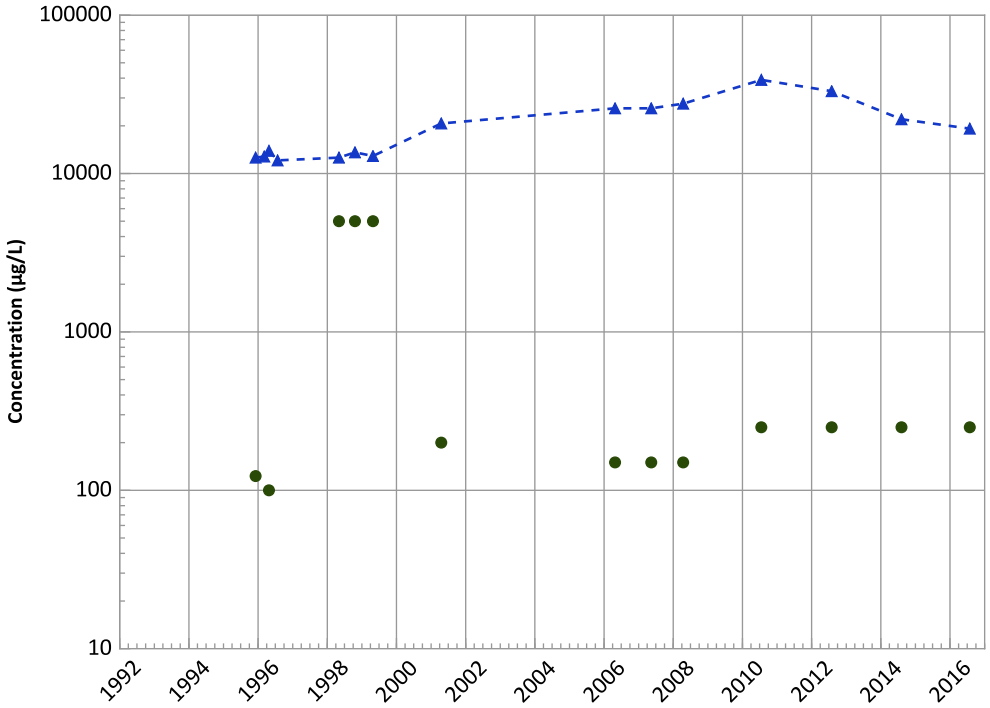


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Sodium Trend



Concentration Trend

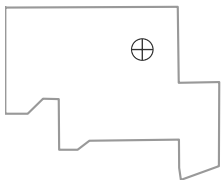
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

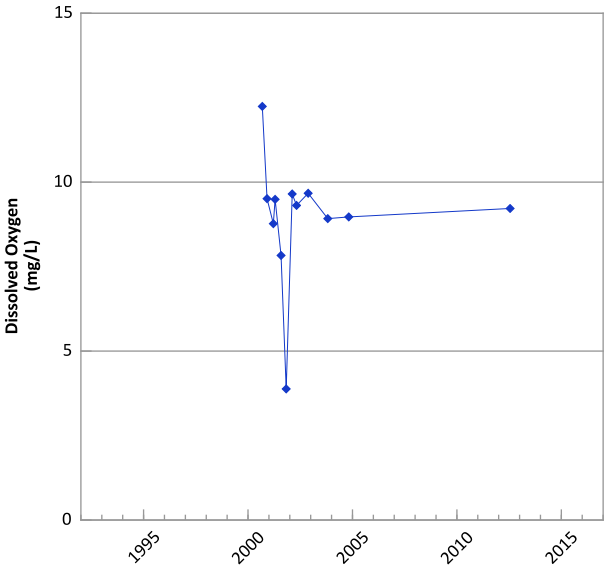
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/06/1995 to 07/28/2016
Analysis Date: 03/07/2017

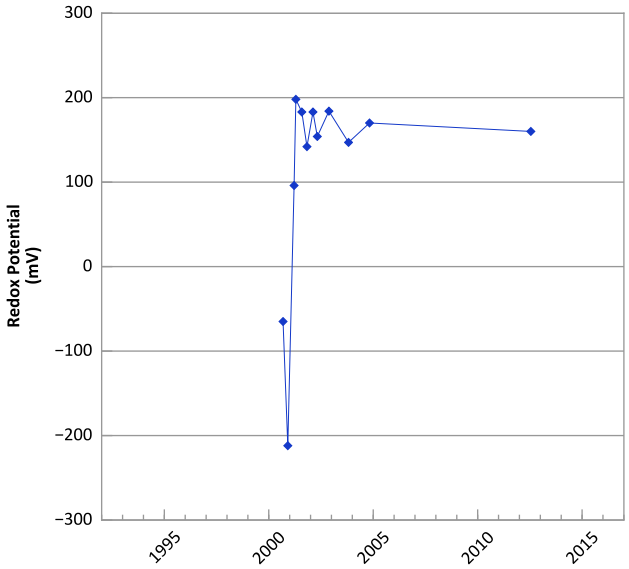
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

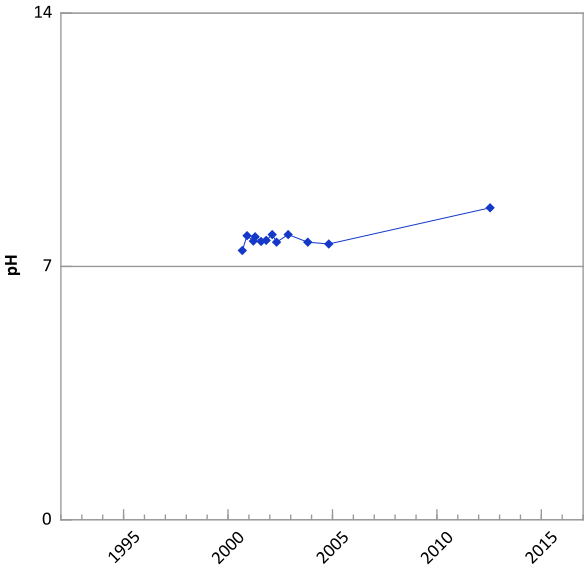
Well Location

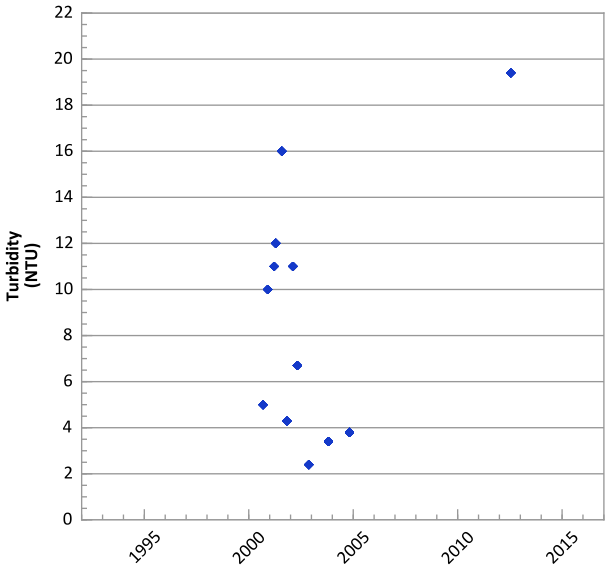


PTX07-1O06 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



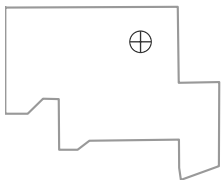






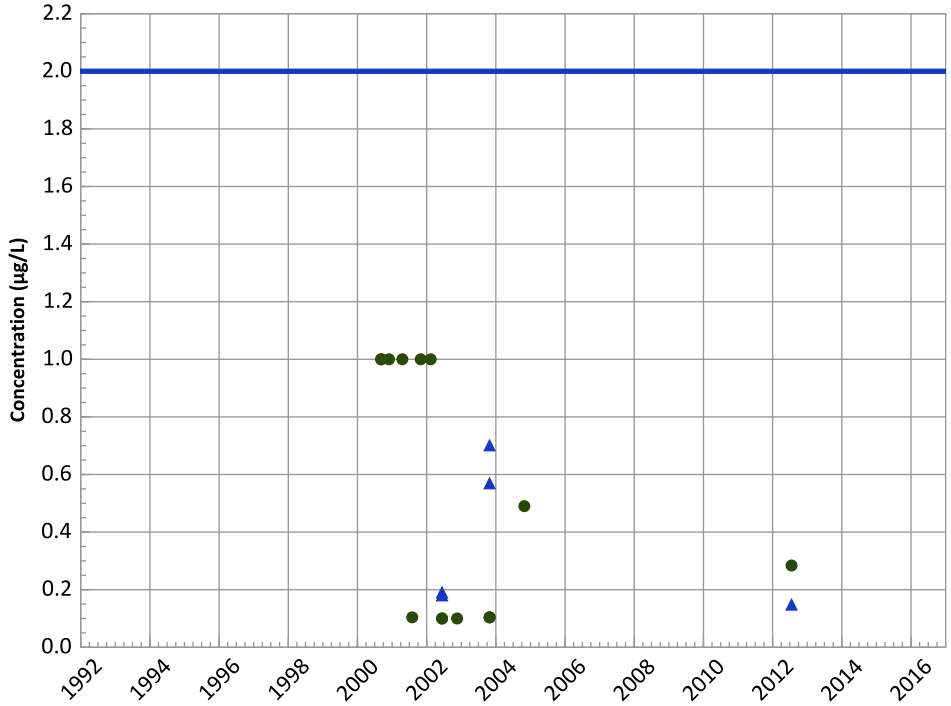
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 07/19/2012
Analysis Date: 03/07/2017

Well Location



PTX07-1O06 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

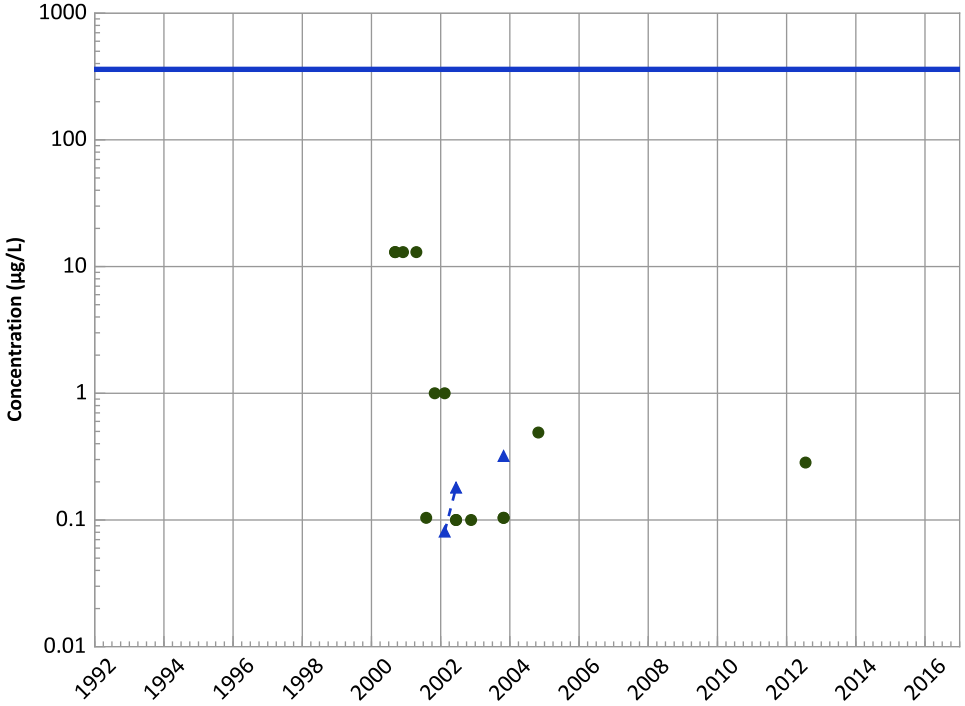


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

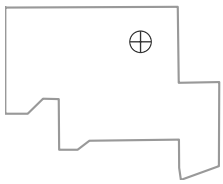
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 07/19/2012
Analysis Date: 03/07/2017

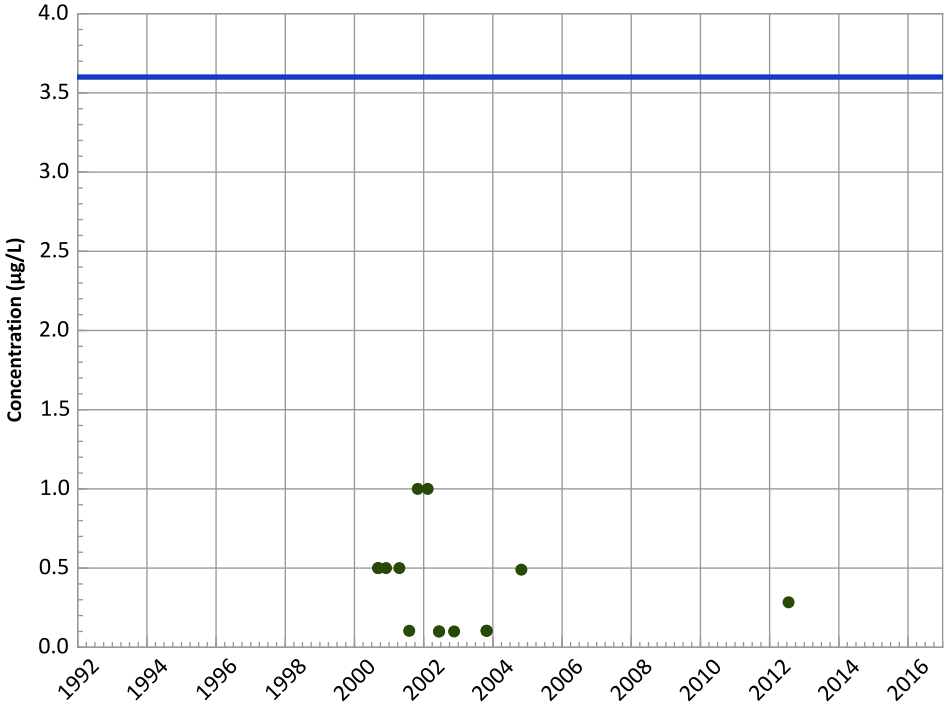
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O06 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

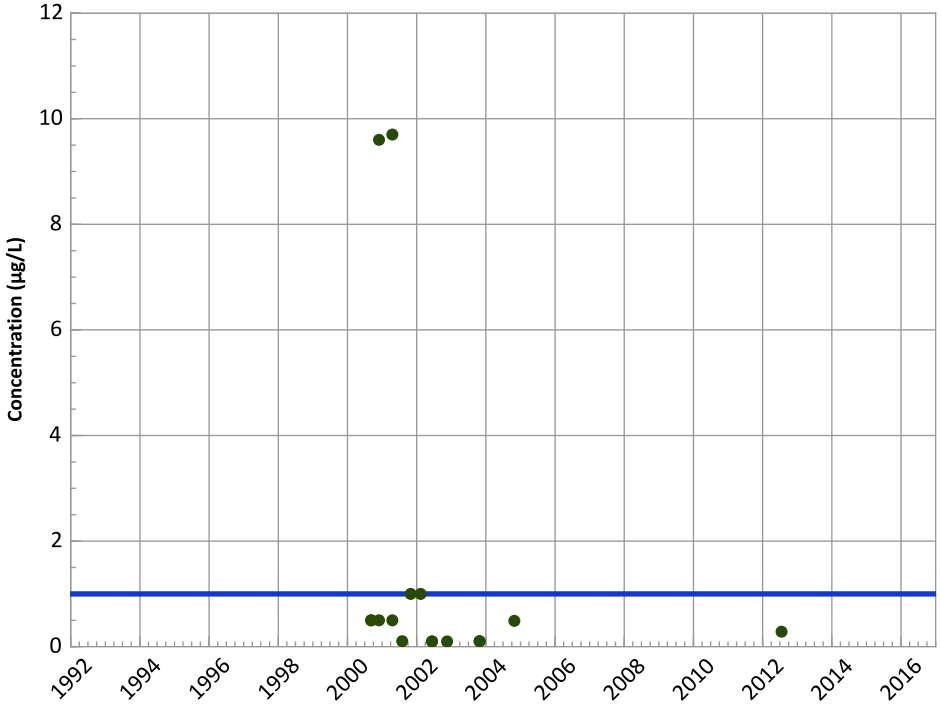


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

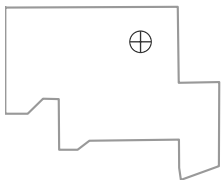
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 07/19/2012
Analysis Date: 03/07/2017

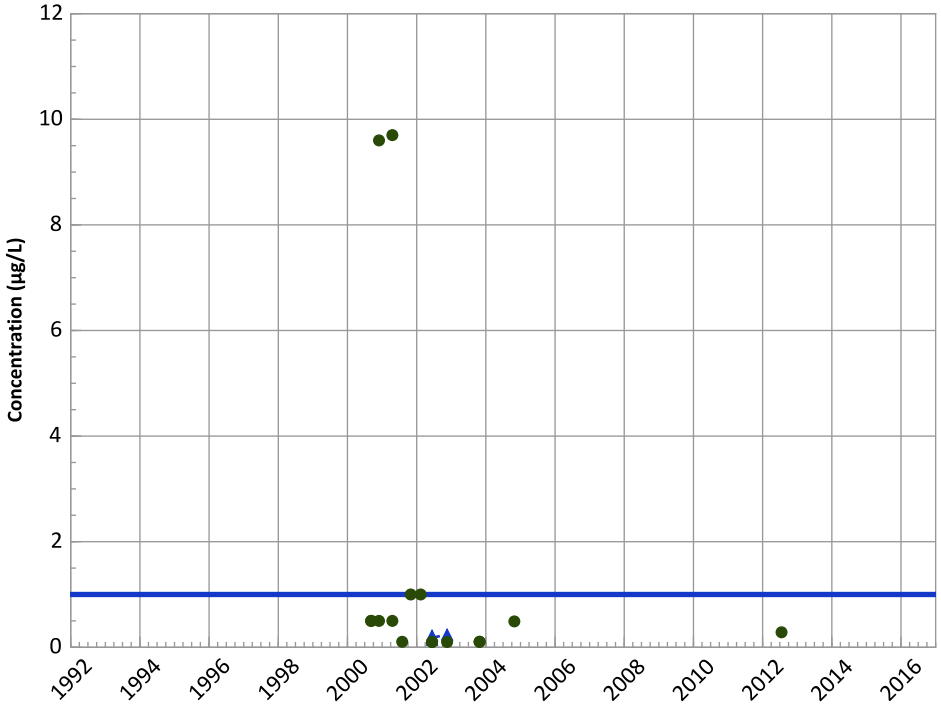
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O06 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

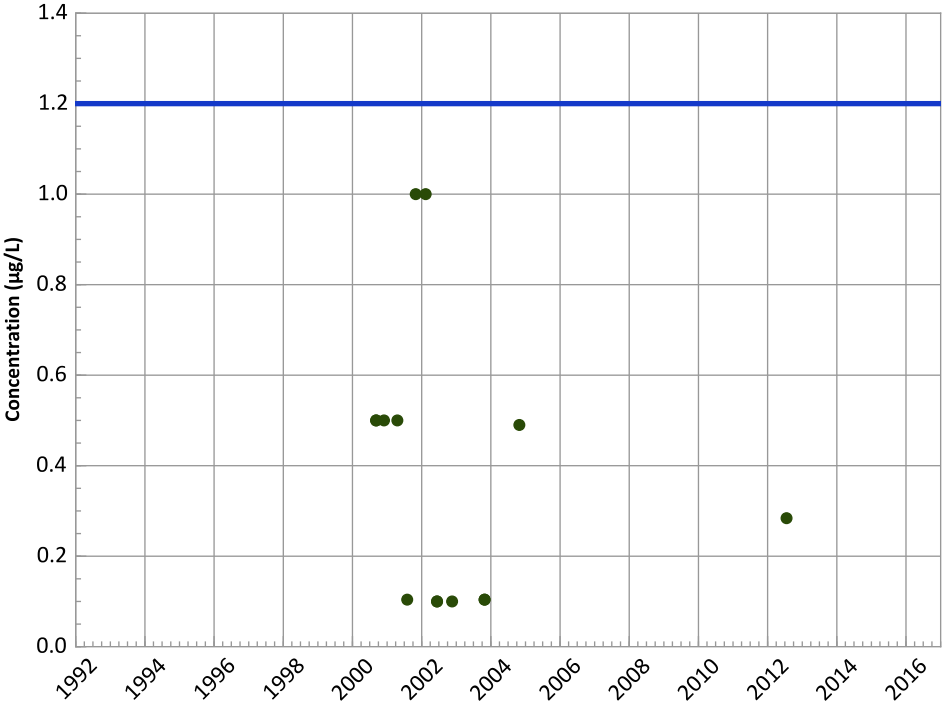


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

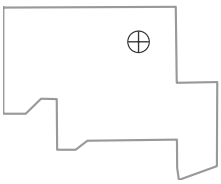
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 07/19/2012
Analysis Date: 03/07/2017

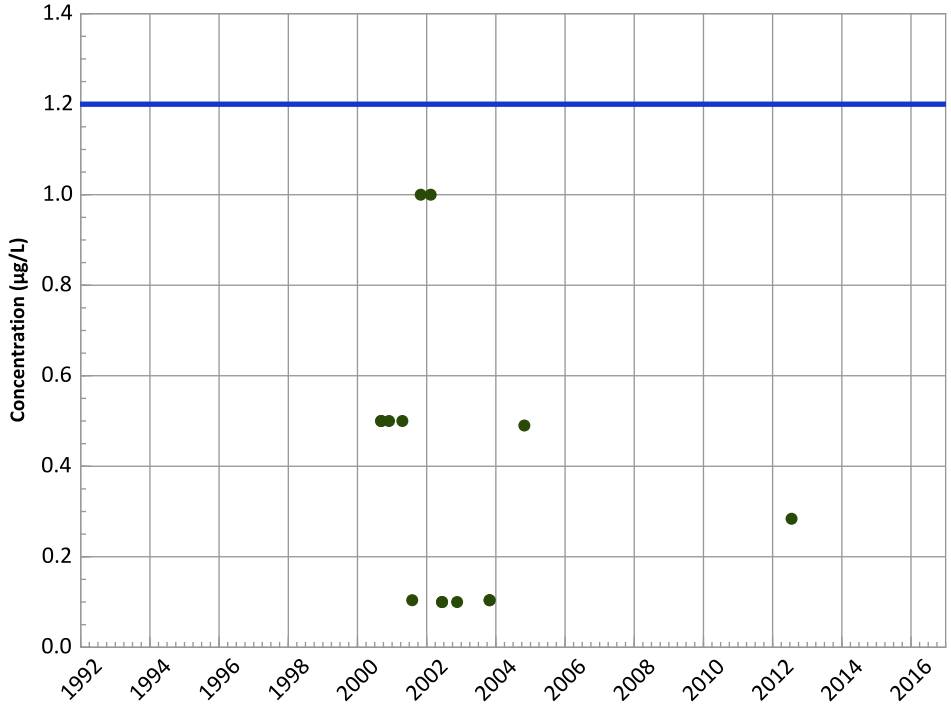
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1O06 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

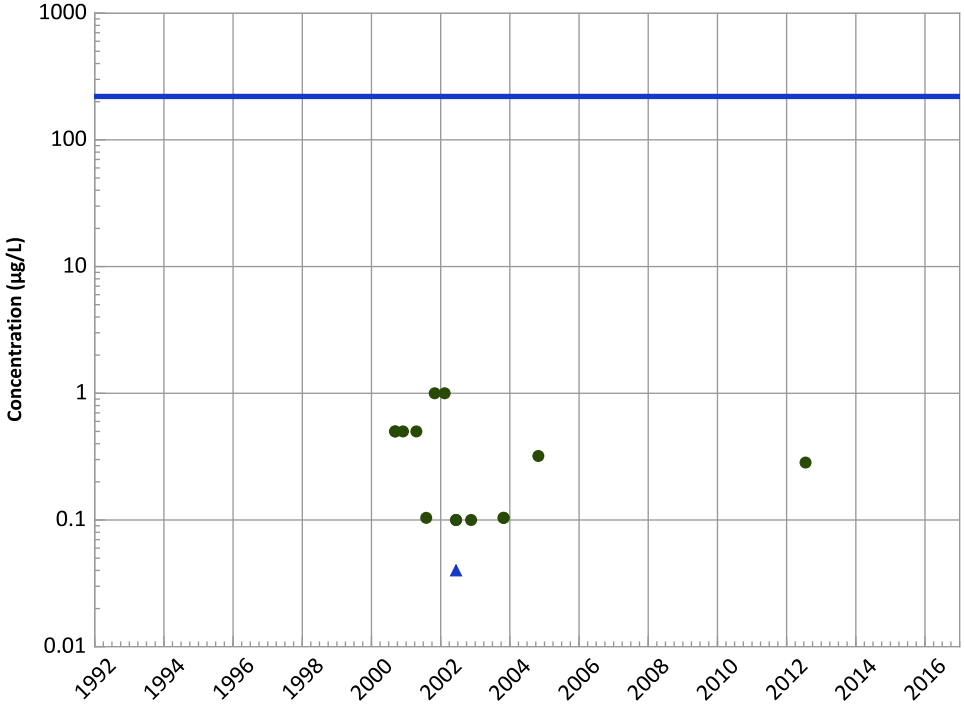


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

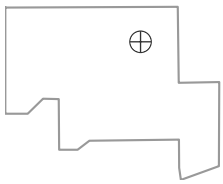
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 07/19/2012
Analysis Date: 03/07/2017

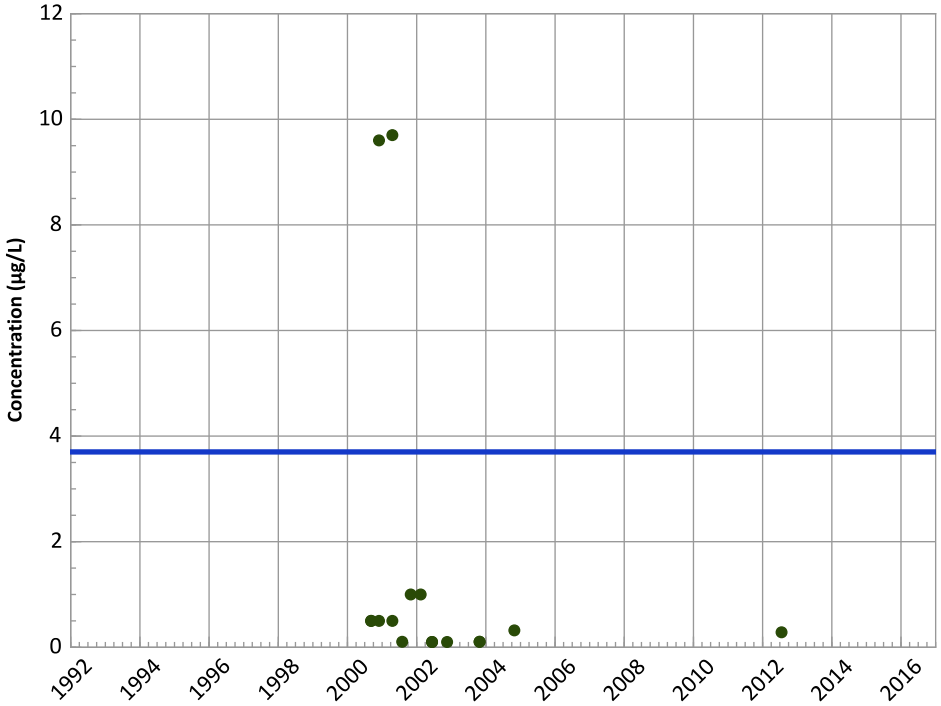
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1O06 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

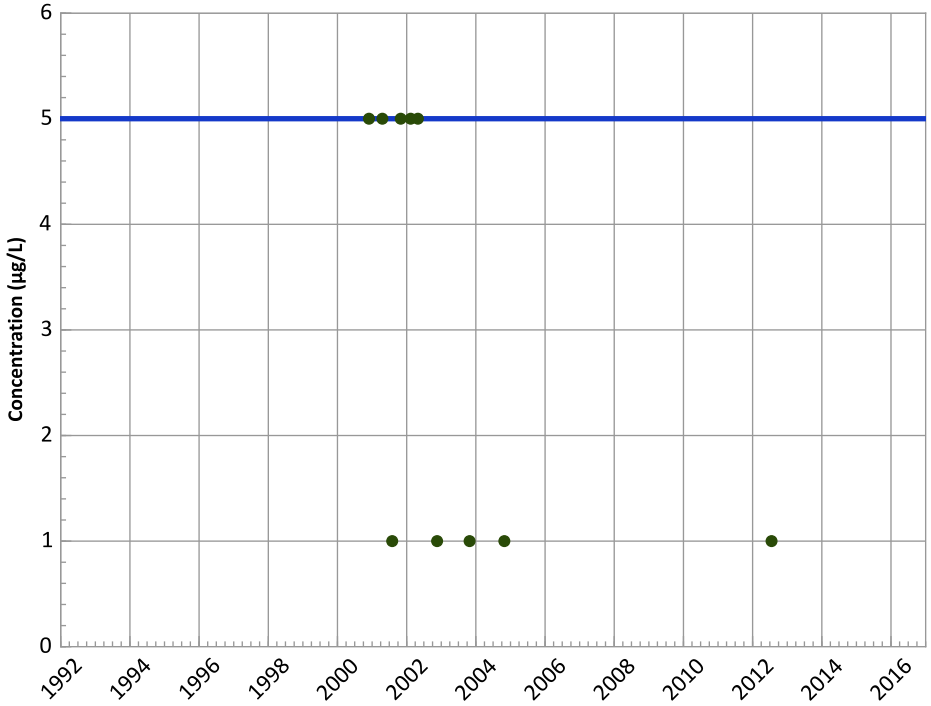


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

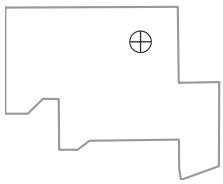
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 07/19/2012
Analysis Date: 03/07/2017

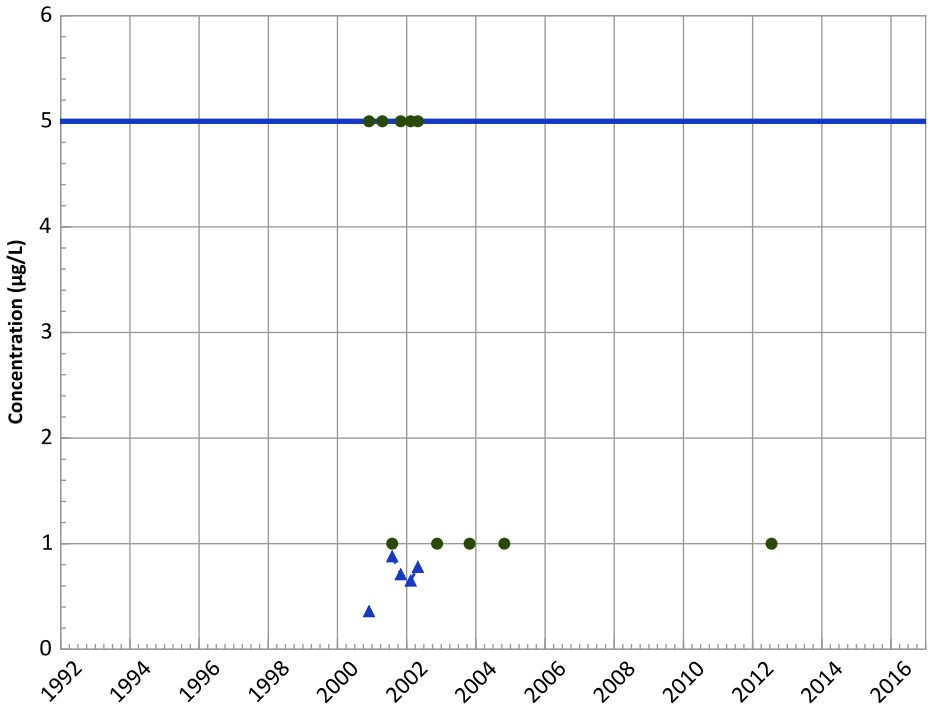
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O06 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

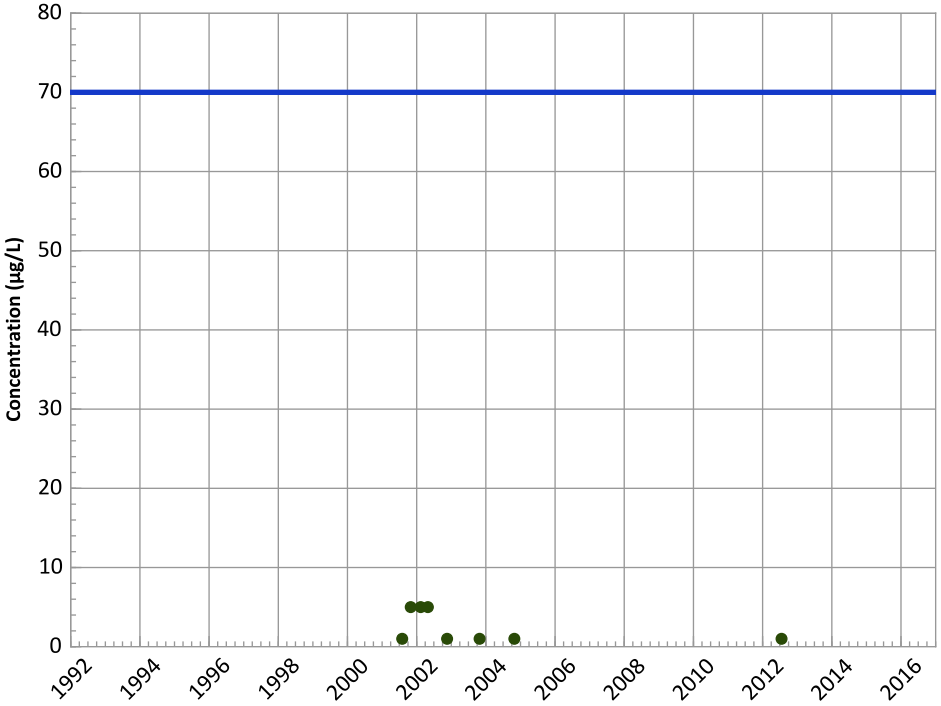


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Increasing

cis-1,2-Dichloroethene Trend



Concentration Trend

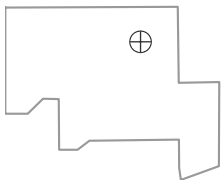
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 07/19/2012
Analysis Date: 03/07/2017

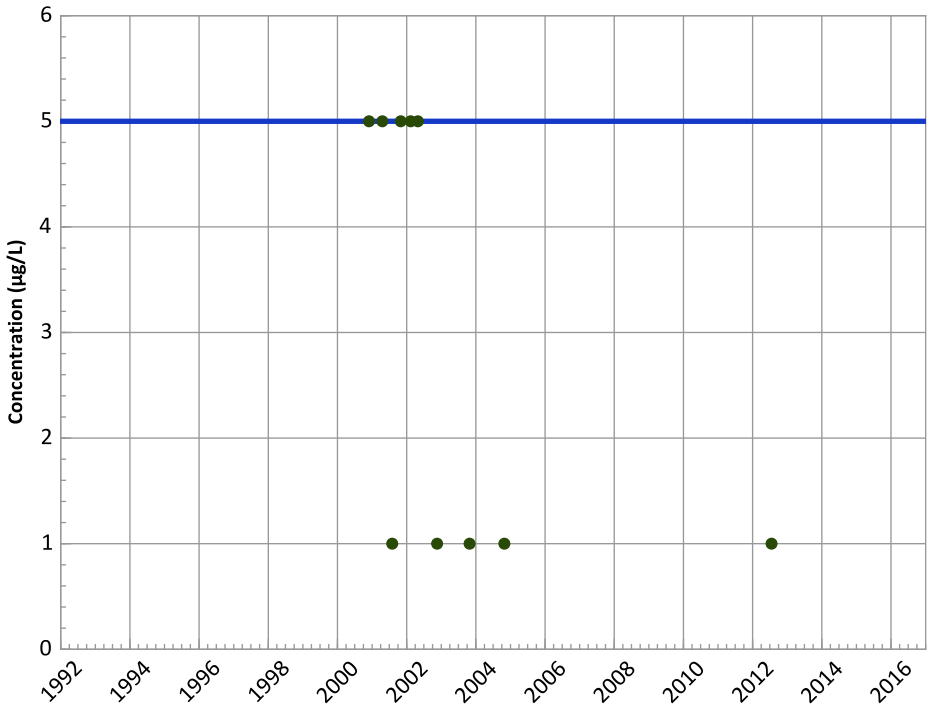
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O06 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

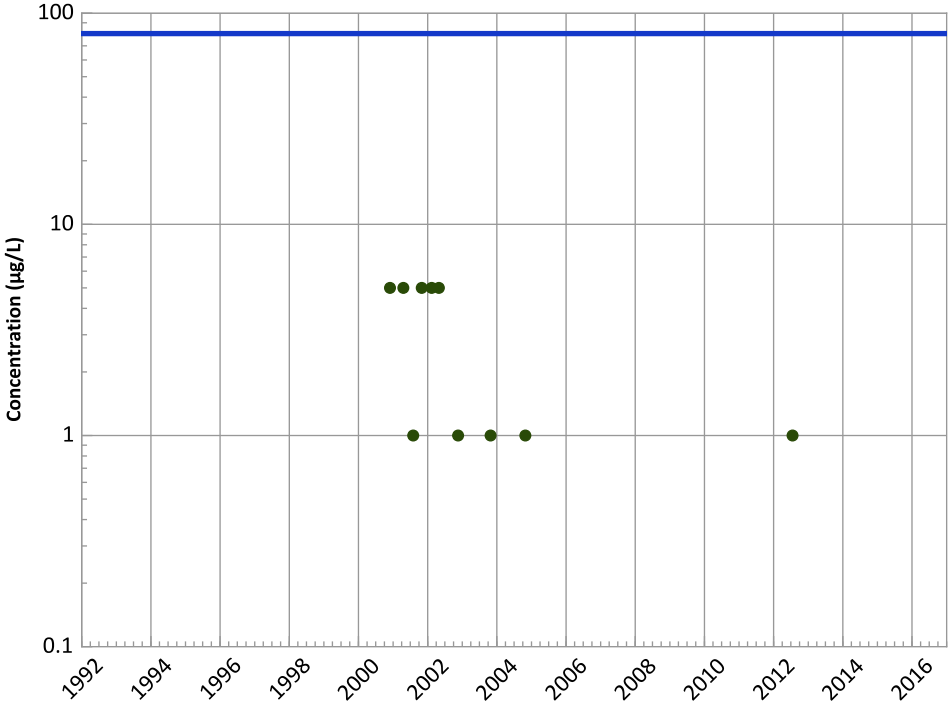


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Chloroform Trend



Concentration Trend

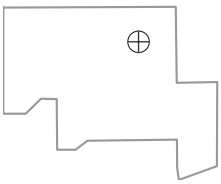
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 07/19/2012
Analysis Date: 03/07/2017

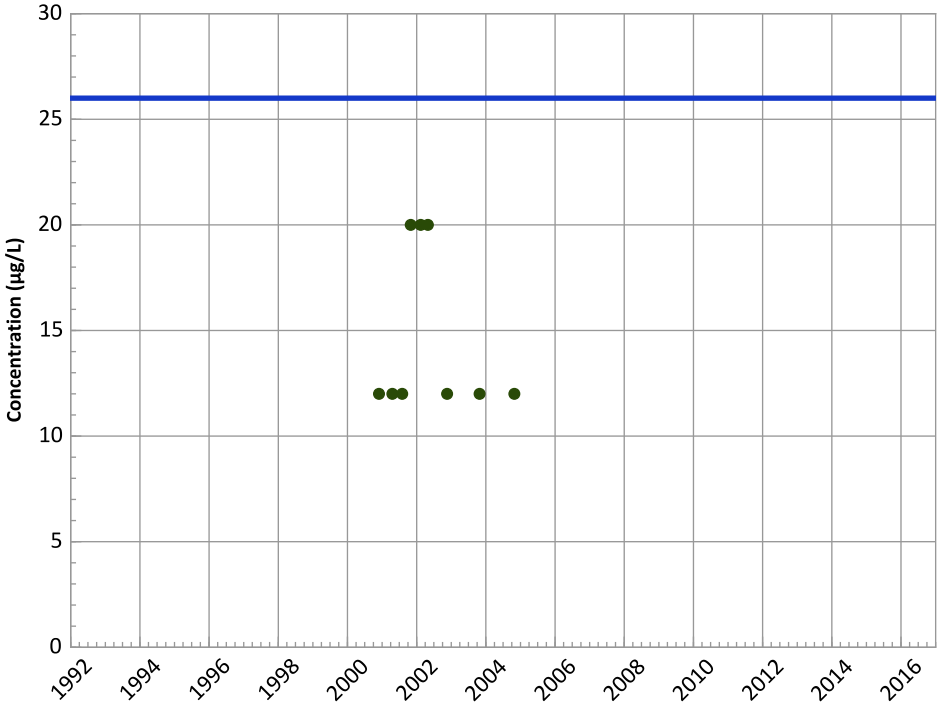
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O06 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

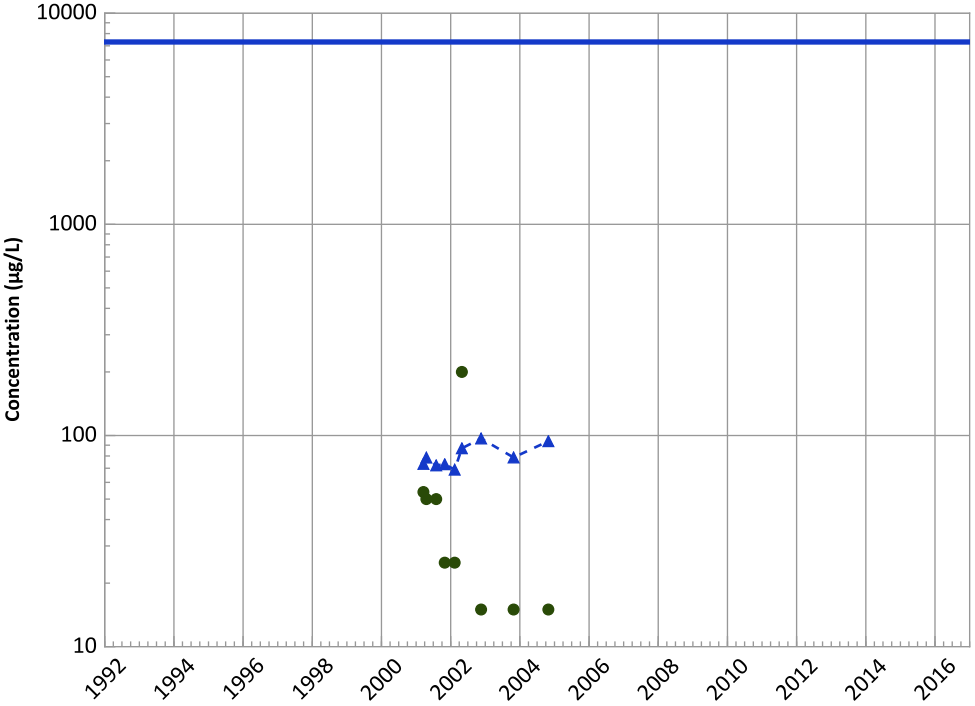


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Boron Trend



Concentration Trend

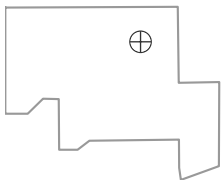
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 07/19/2012
Analysis Date: 03/07/2017

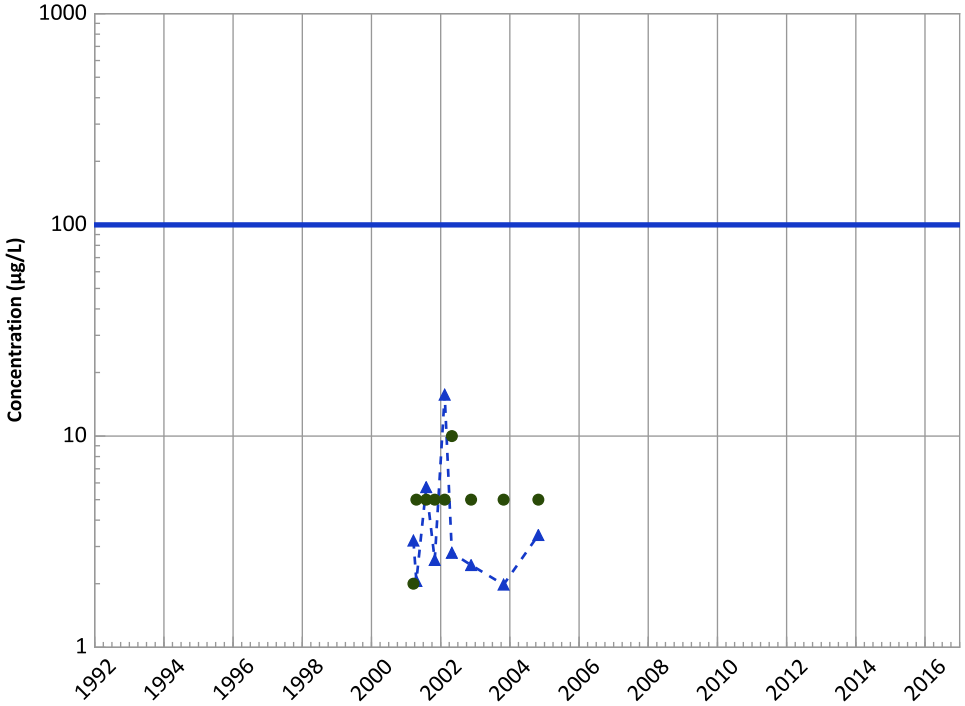
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O06 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

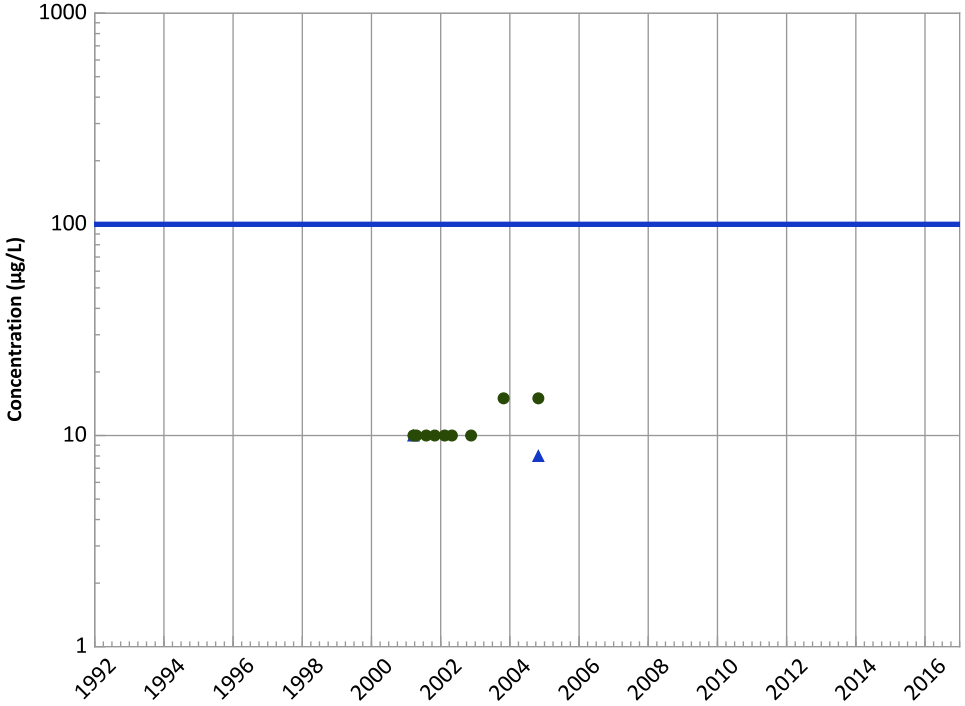


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Chromium, Hexavalent Trend



Concentration Trend

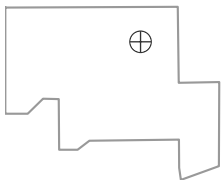
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 07/19/2012
Analysis Date: 03/07/2017

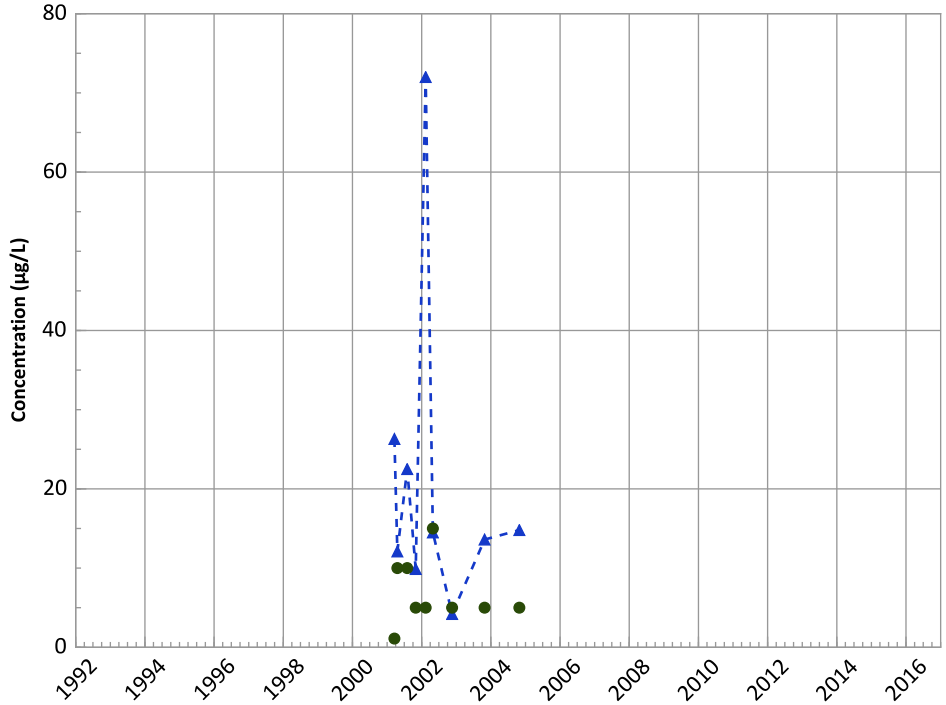
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O06 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

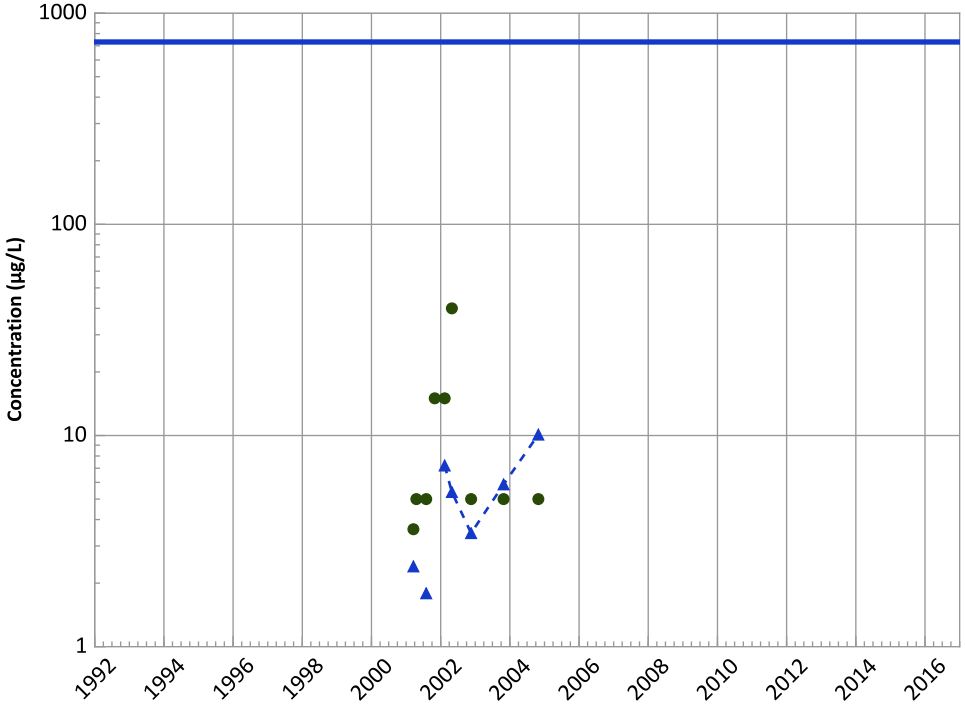


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Nickel Trend



Concentration Trend

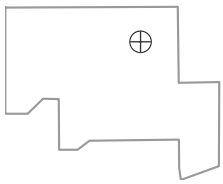
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 07/19/2012
Analysis Date: 03/07/2017

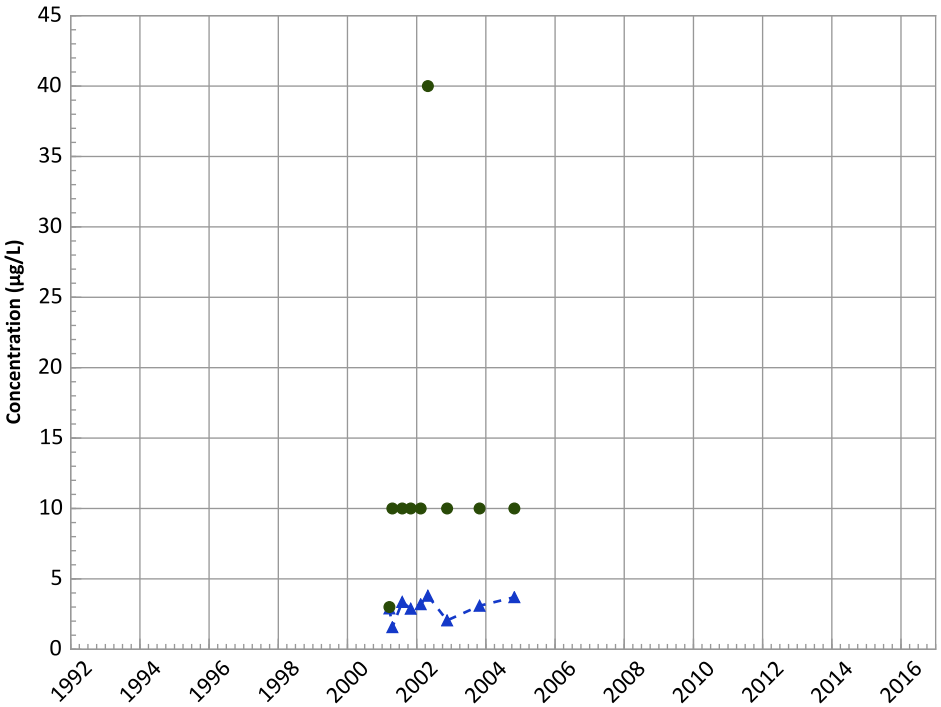
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O06 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

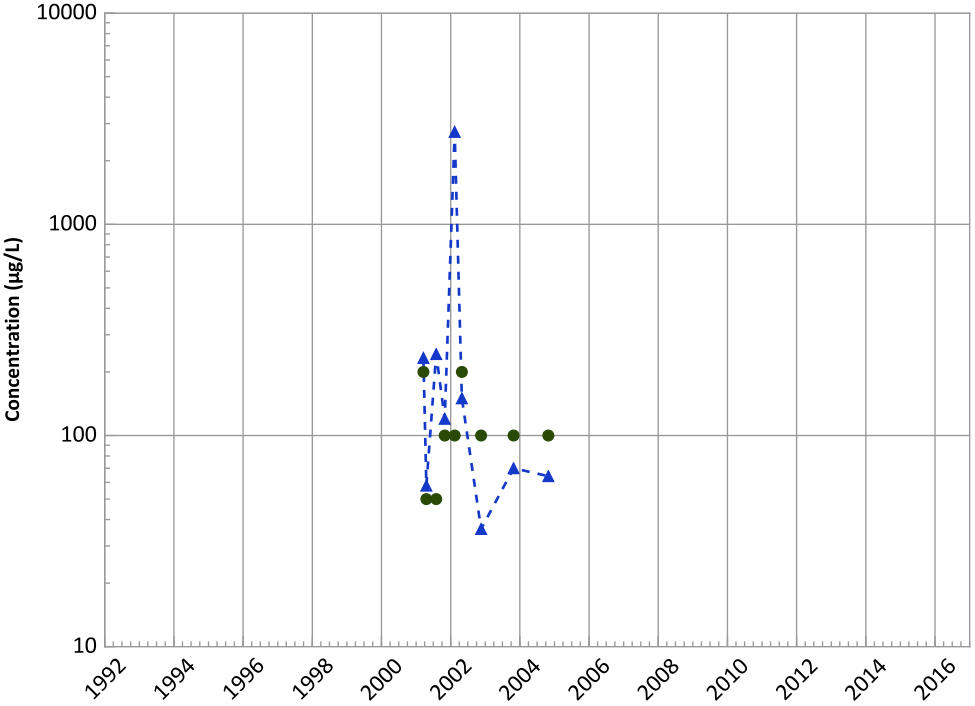


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Aluminum Trend



Concentration Trend

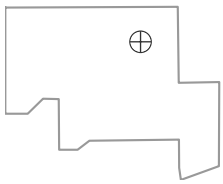
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 07/19/2012
Analysis Date: 03/07/2017

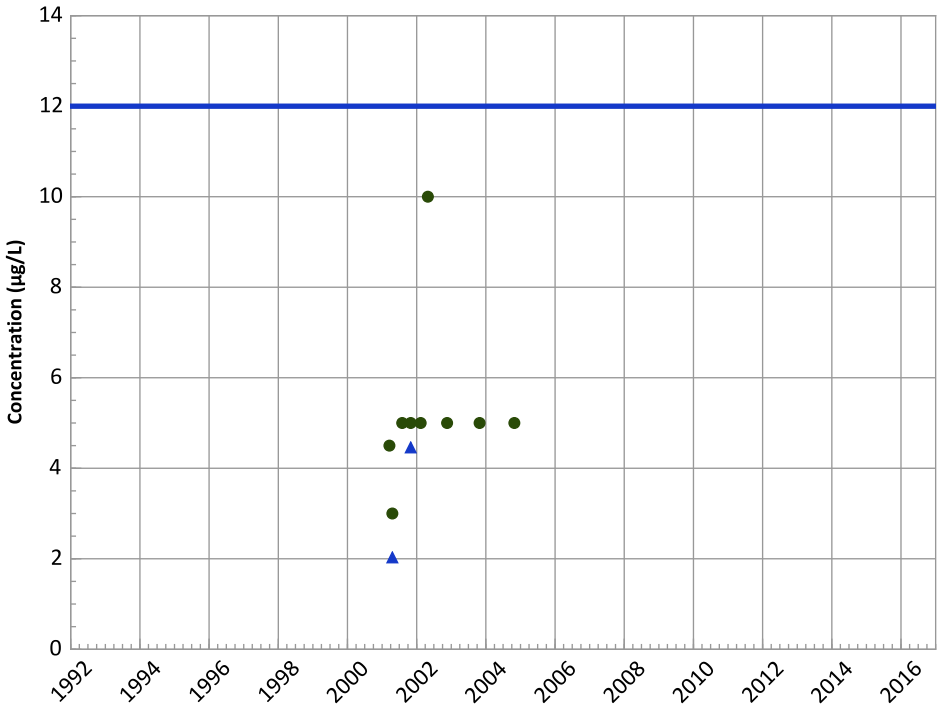
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O06 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

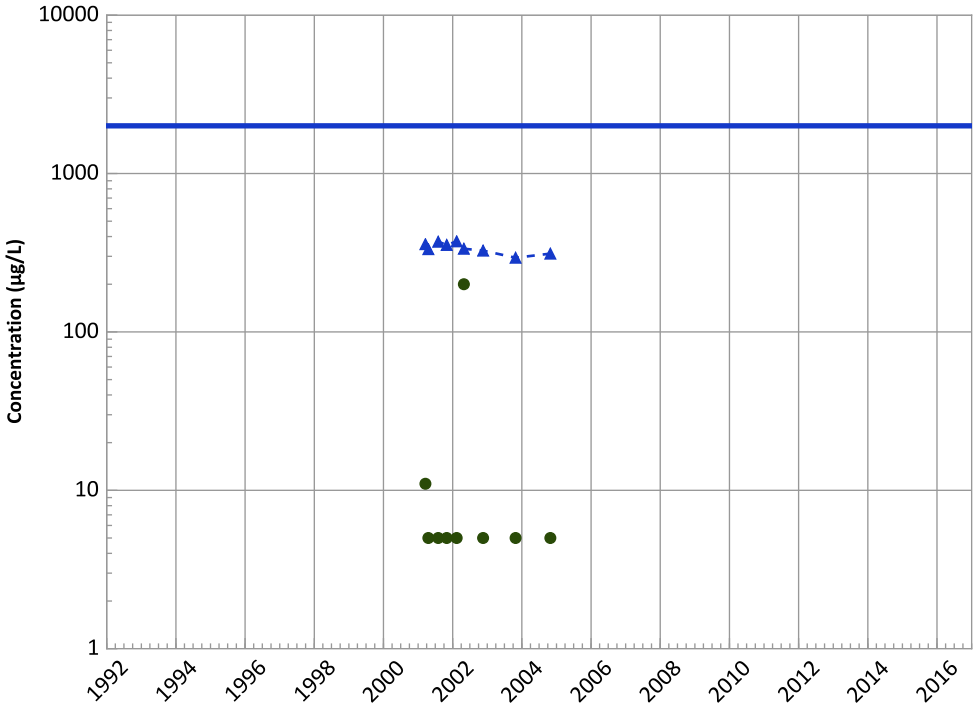


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

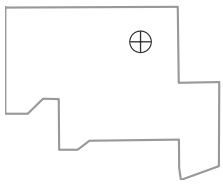
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 07/19/2012
Analysis Date: 03/07/2017

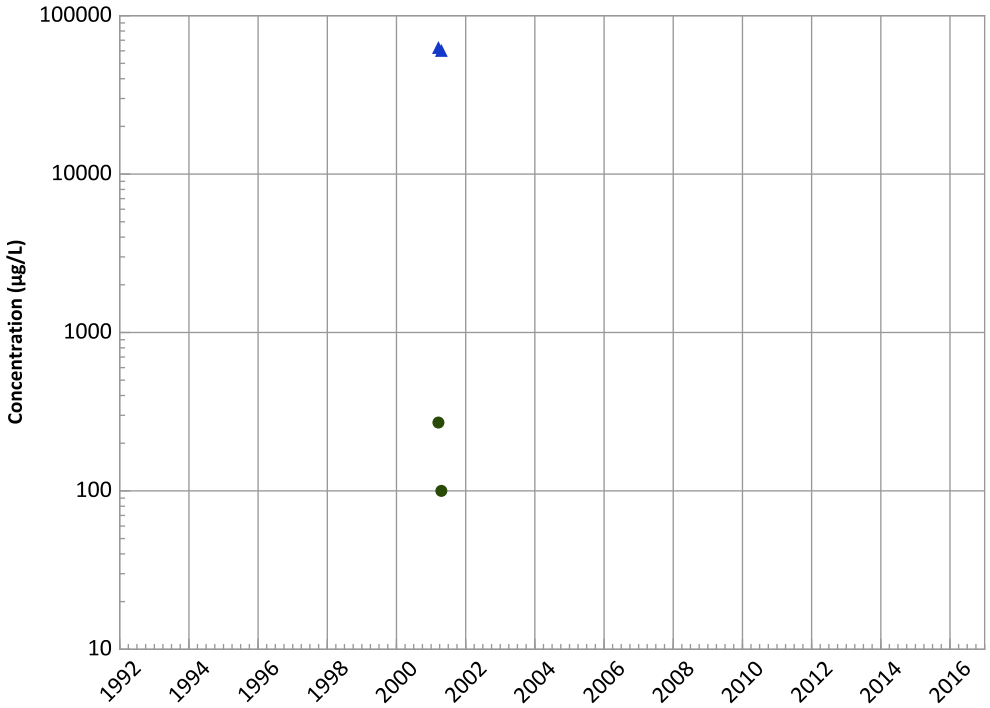
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1O06 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

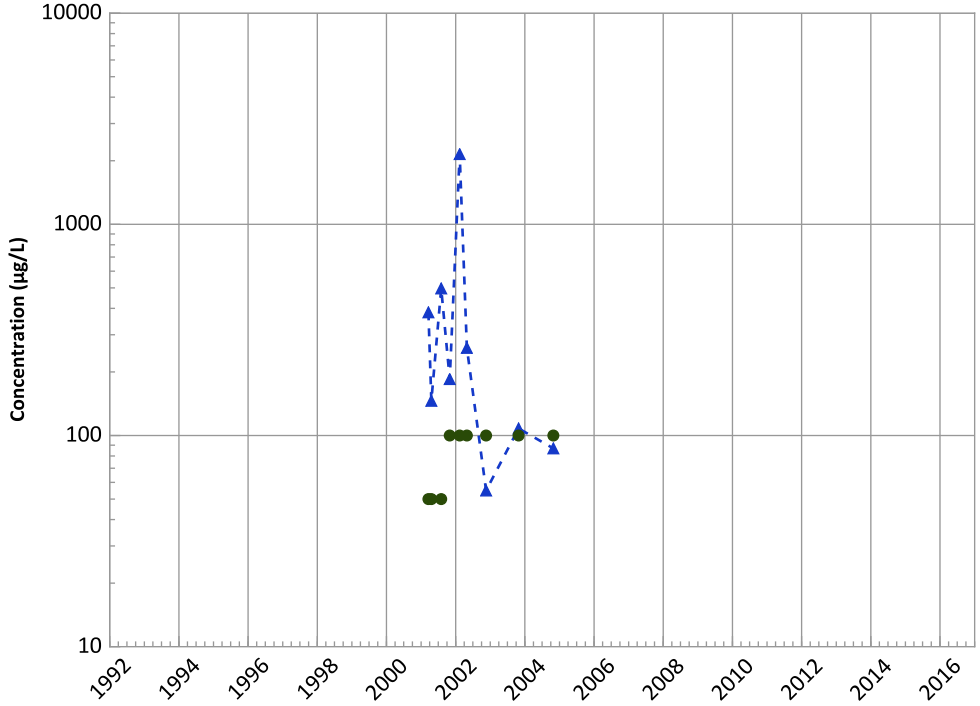


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

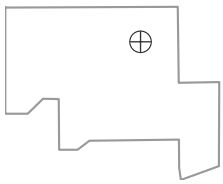
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 07/19/2012
Analysis Date: 03/07/2017

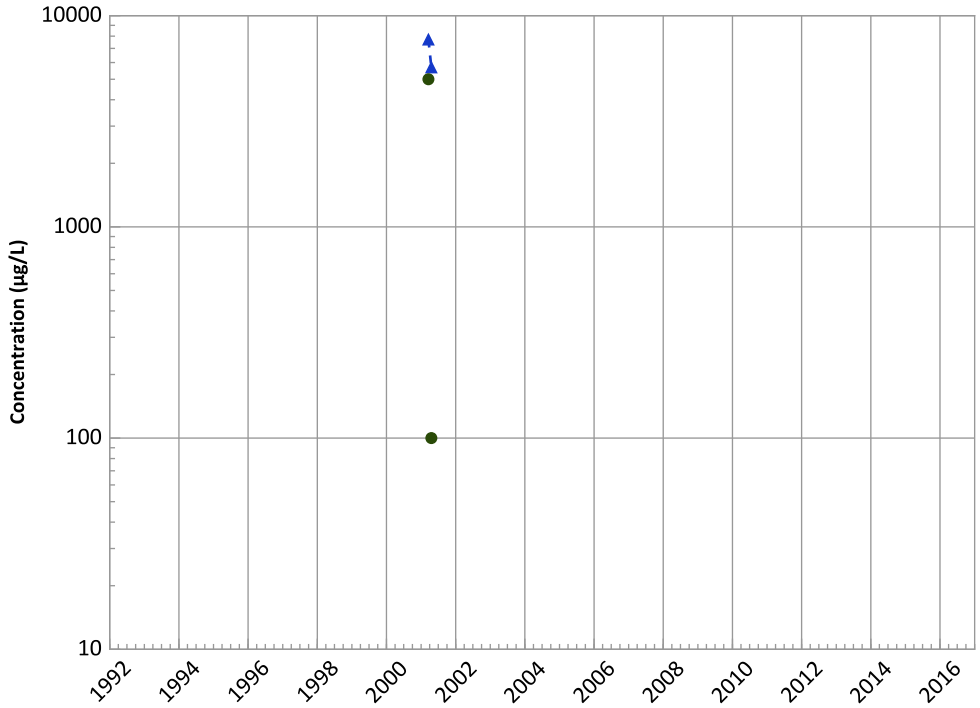
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O06 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

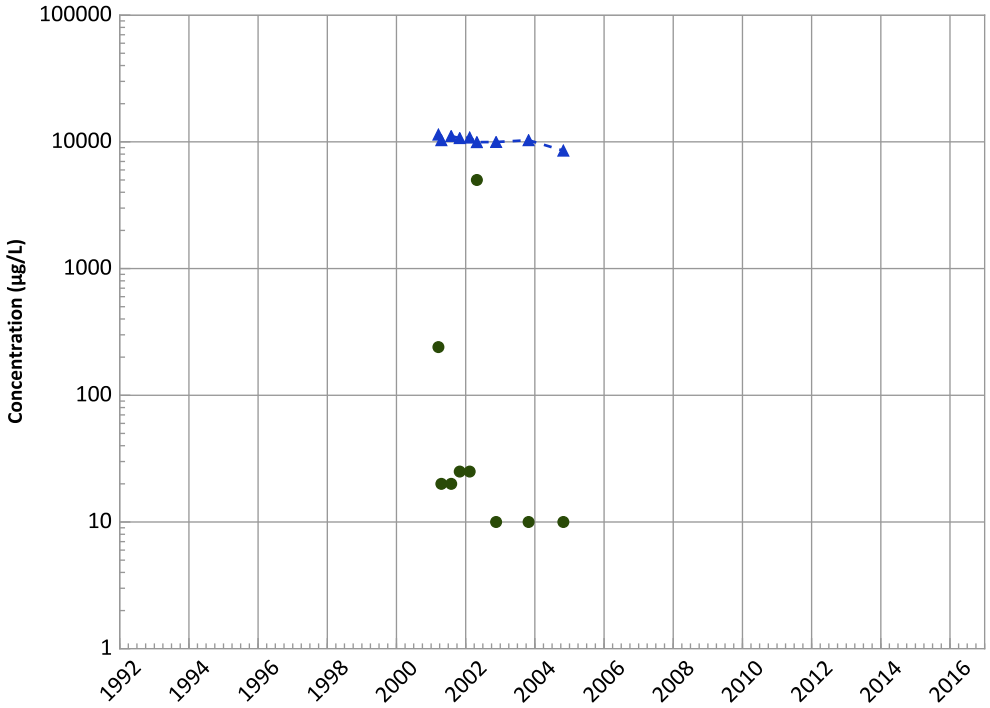


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

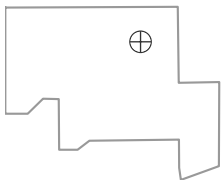
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 07/19/2012
Analysis Date: 03/07/2017

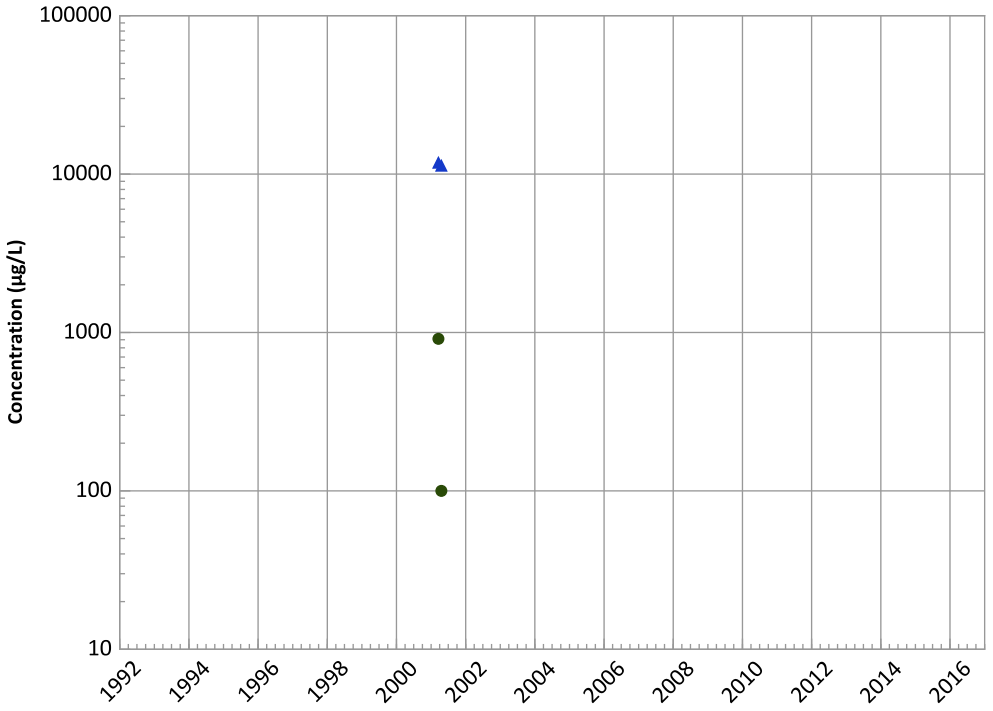
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O06 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

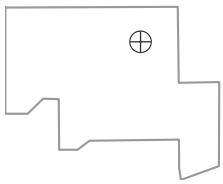
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

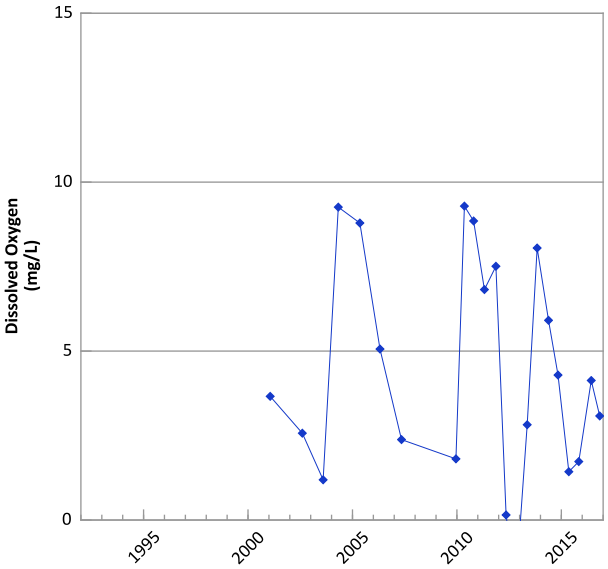
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/07/2000 to 07/19/2012
Analysis Date: 03/07/2017

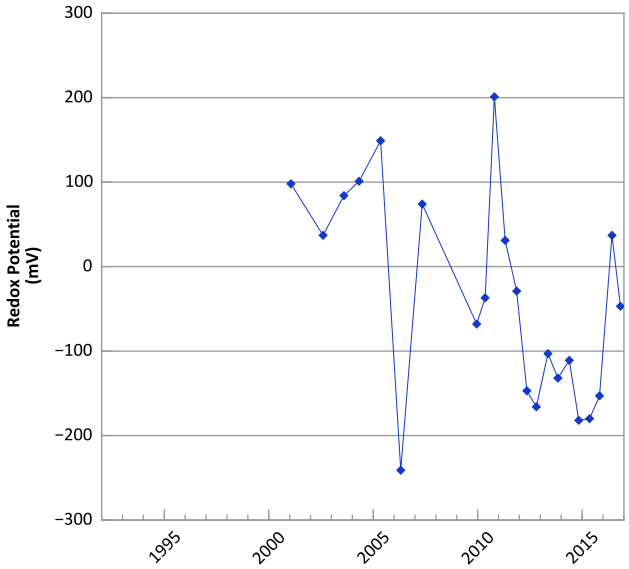
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

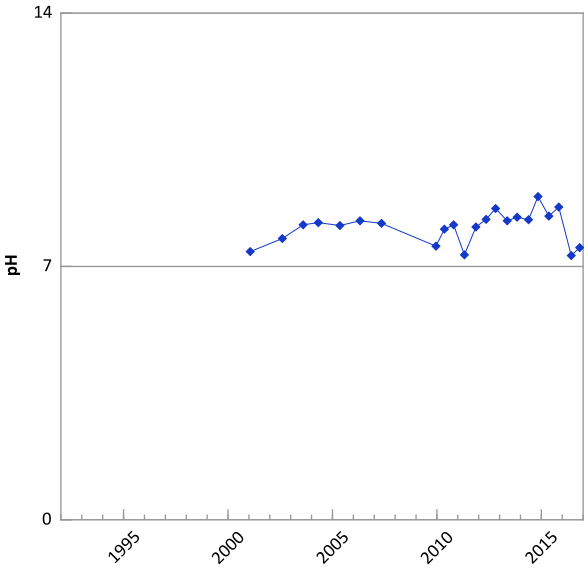
Well Location

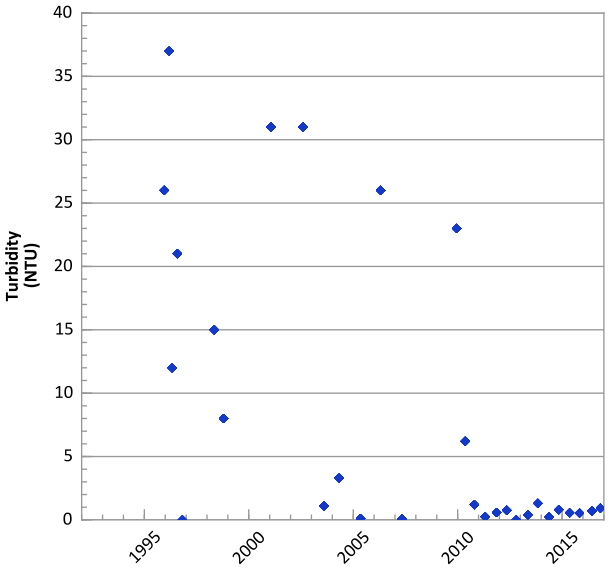


PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



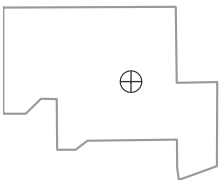






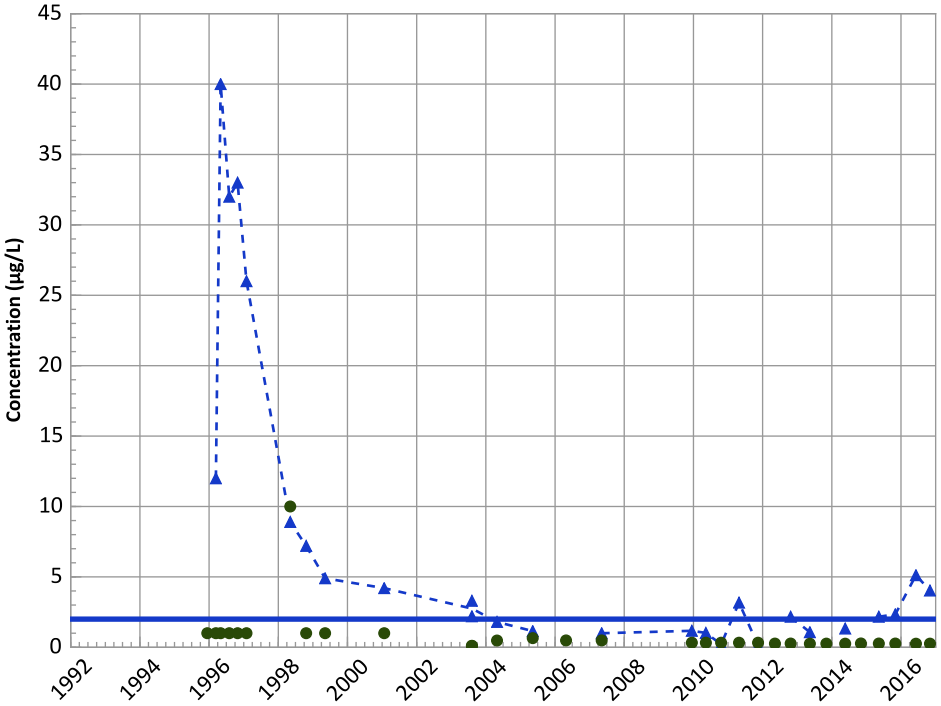
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/13/1995 to 11/02/2016
Analysis Date: 03/07/2017

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

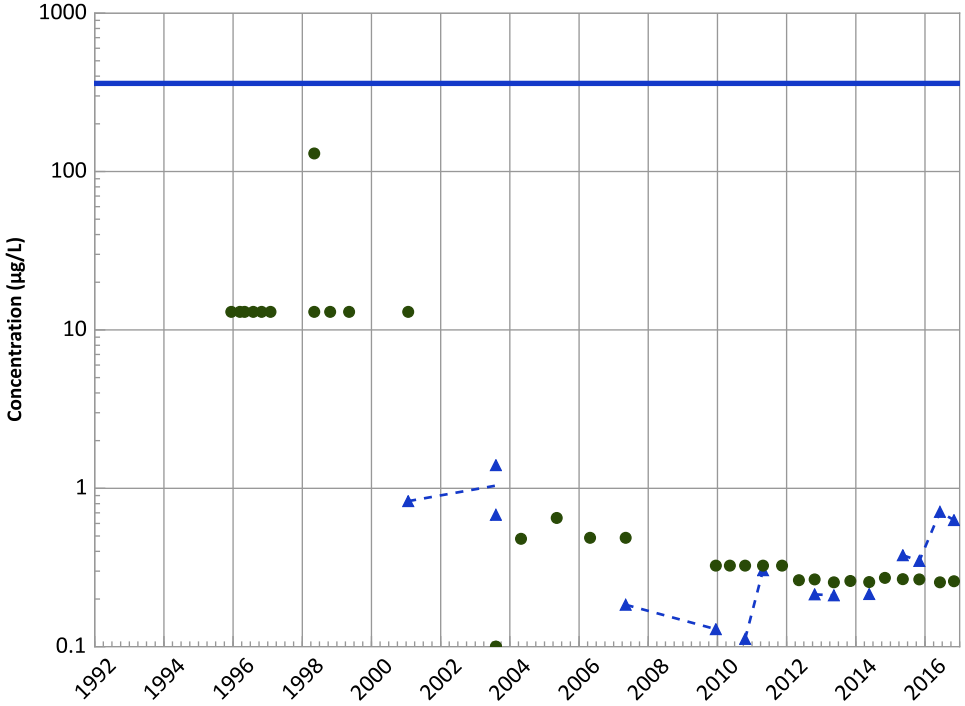


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

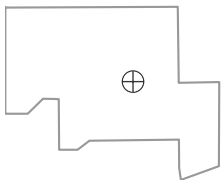
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/13/1995 to 11/02/2016
Analysis Date: 03/07/2017

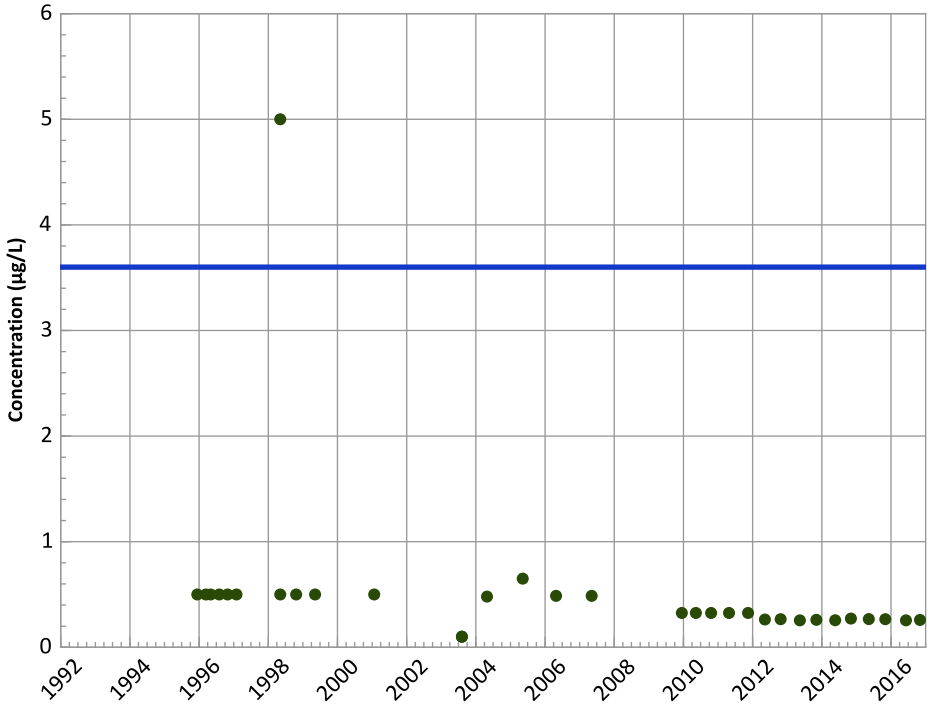
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

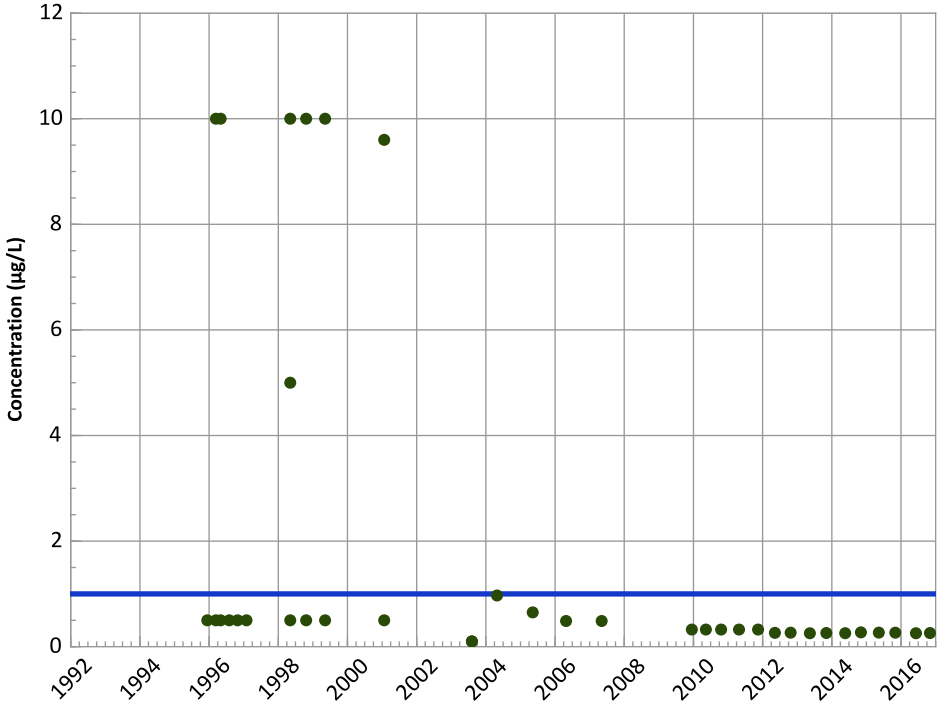


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

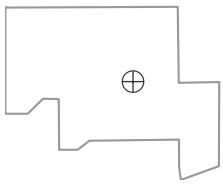
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/13/1995 to 11/02/2016
Analysis Date: 03/07/2017

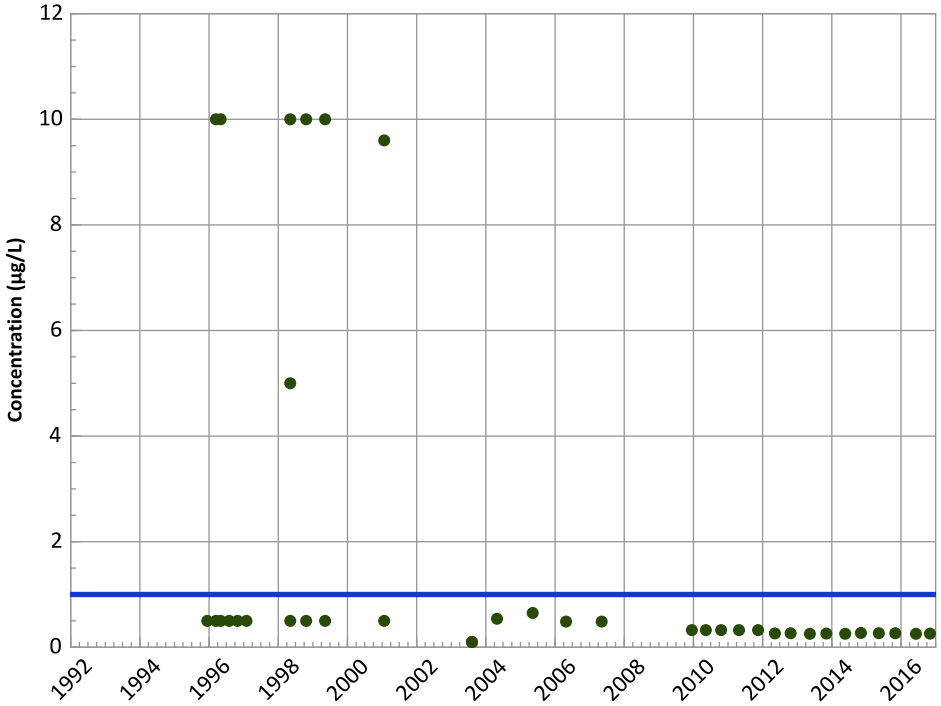
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

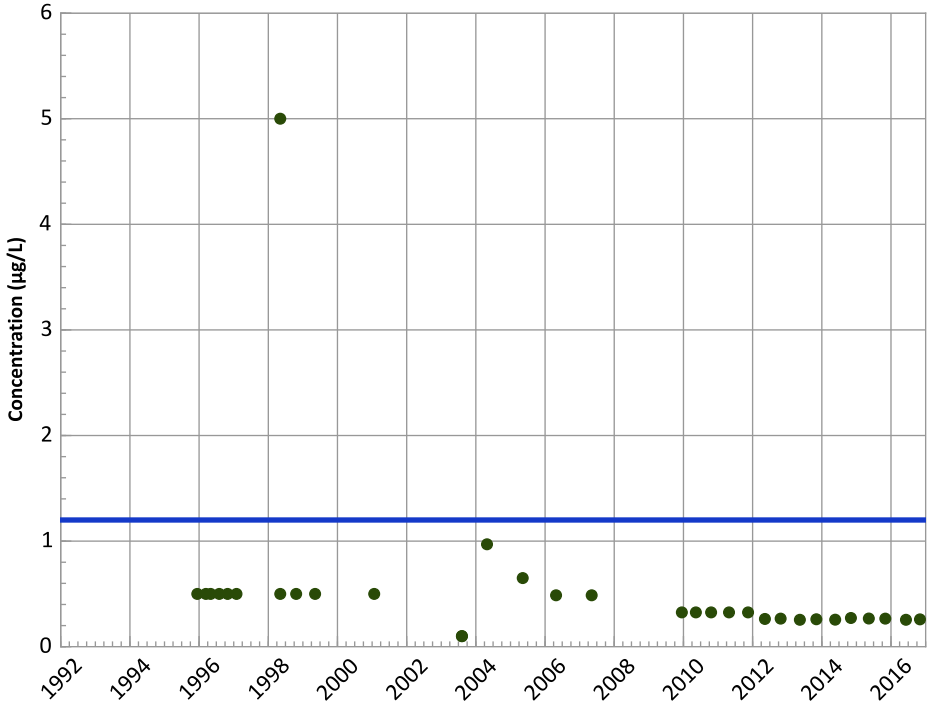


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

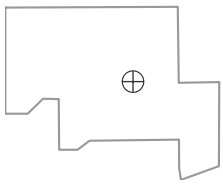


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Well Location

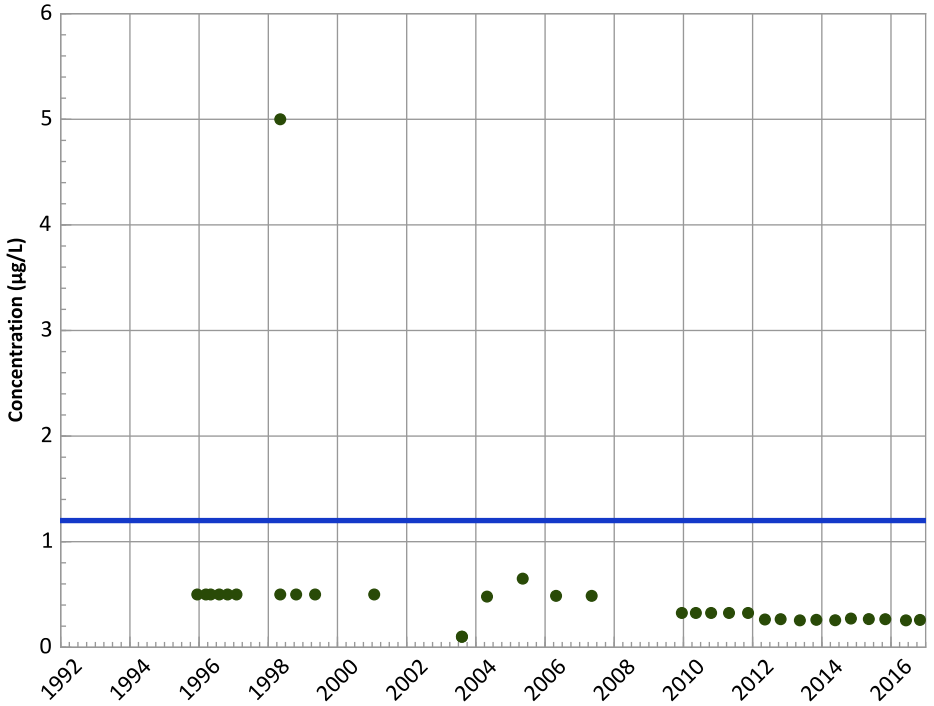


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/13/1995 to 11/02/2016
Analysis Date: 03/07/2017

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

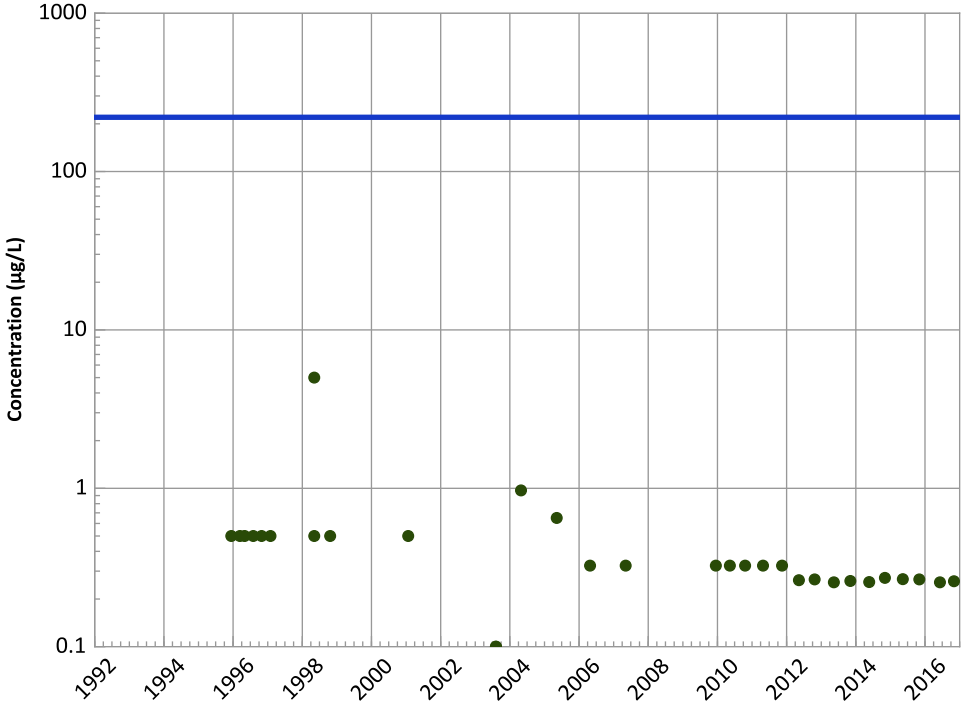


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

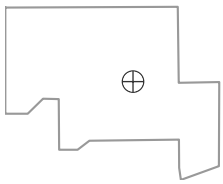
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/13/1995 to 11/02/2016
Analysis Date: 03/07/2017

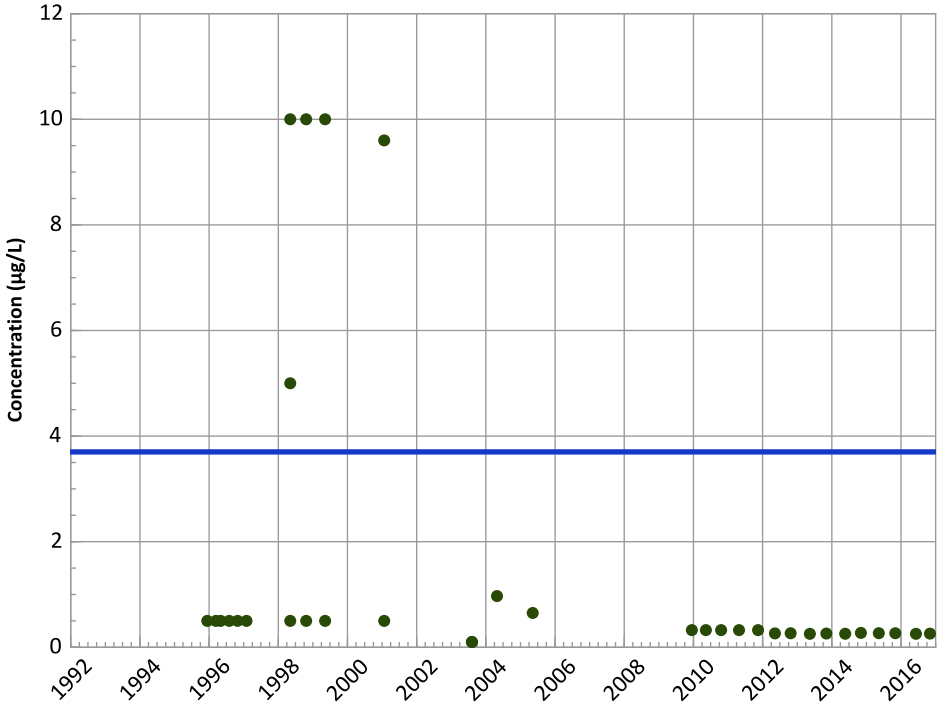
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

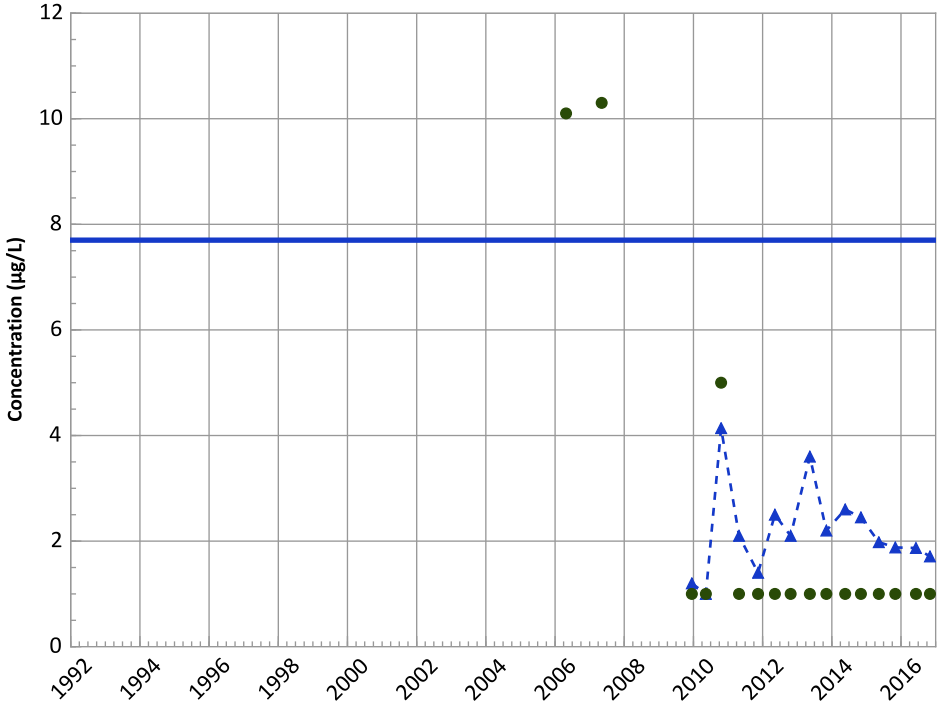


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

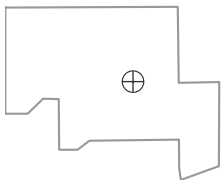
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/13/1995 to 11/02/2016
Analysis Date: 03/07/2017

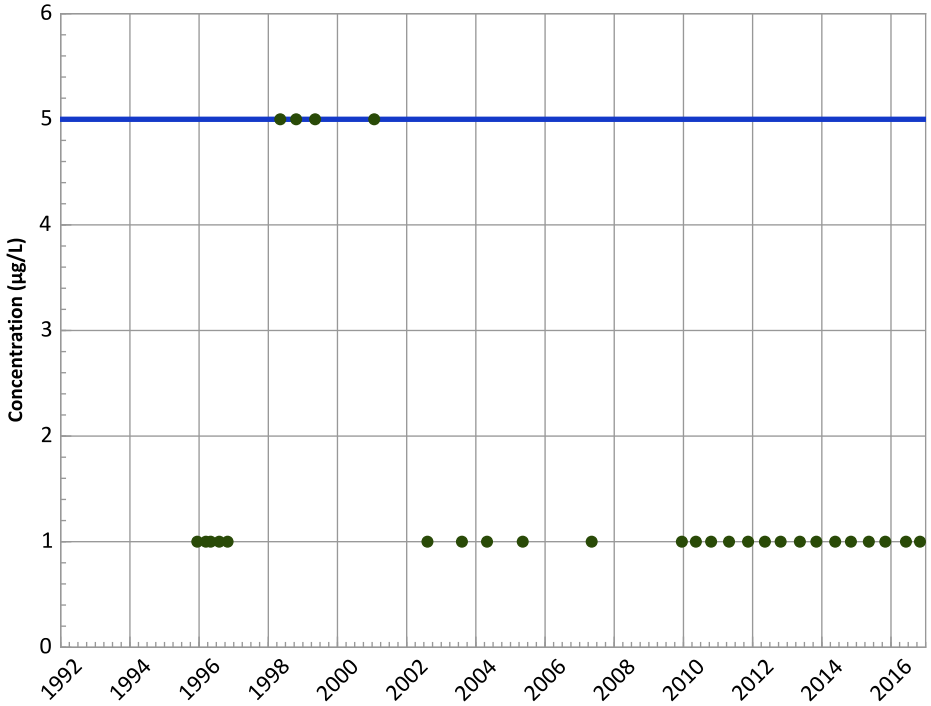
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

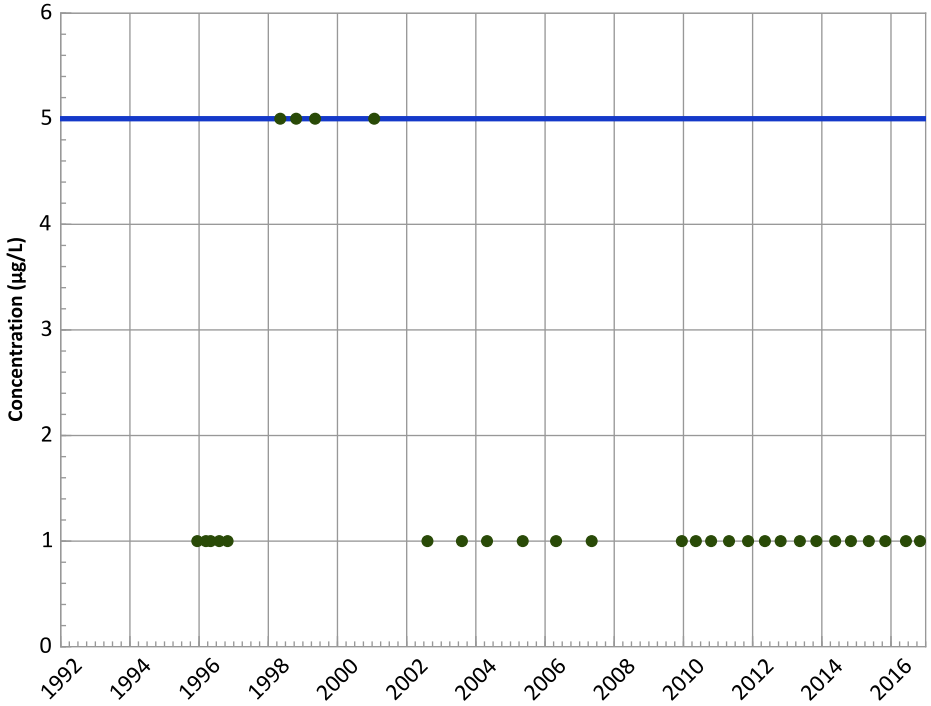


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

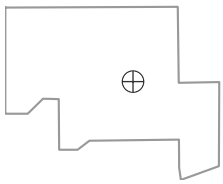
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/13/1995 to 11/02/2016
Analysis Date: 03/07/2017

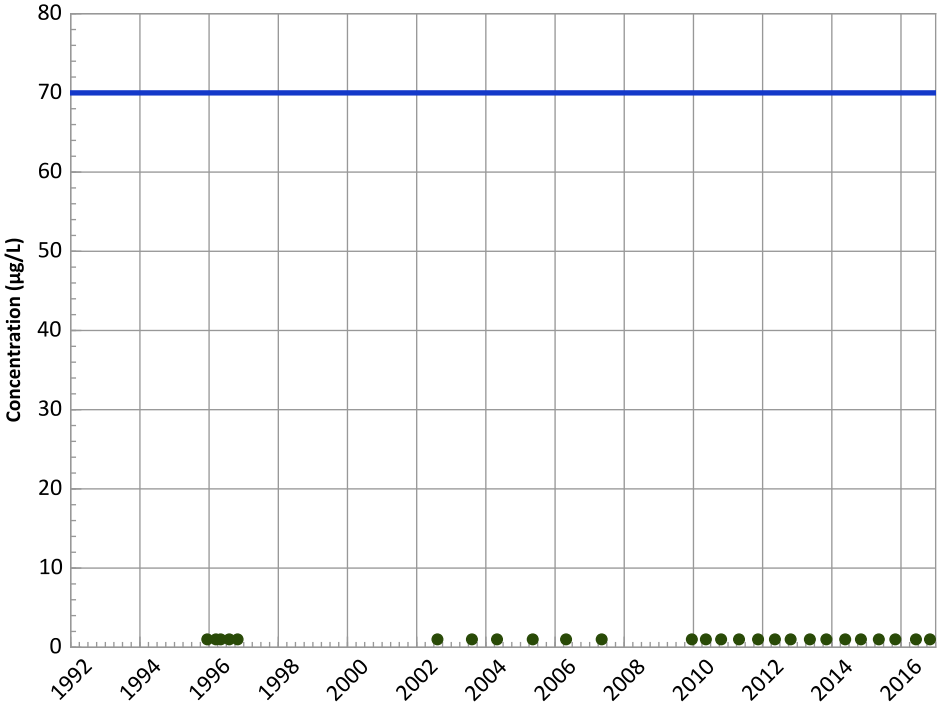
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

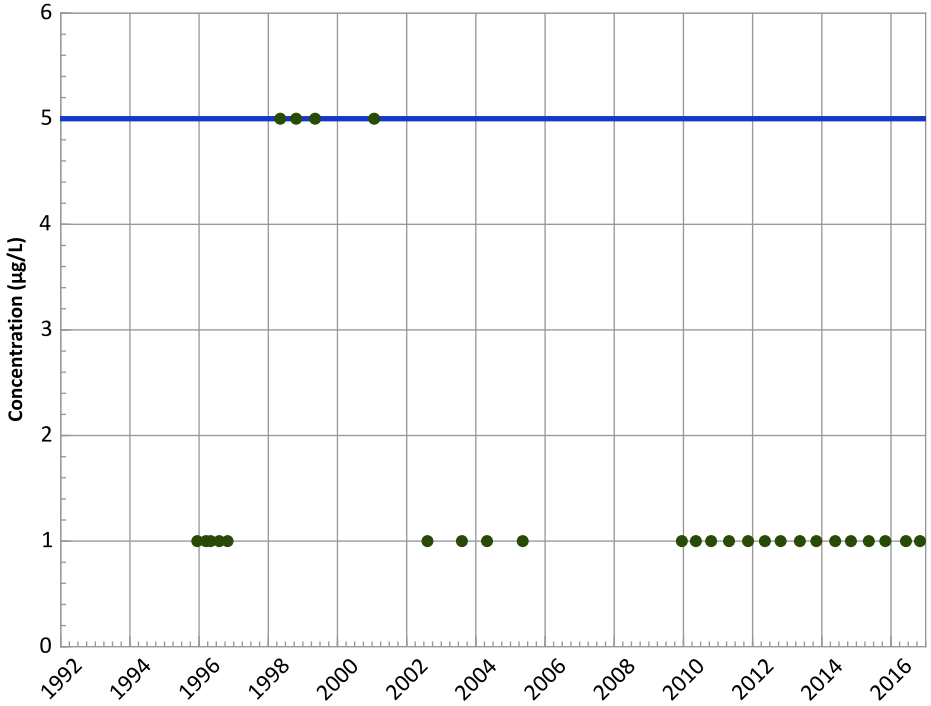


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

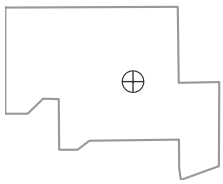
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/13/1995 to 11/02/2016
Analysis Date: 03/07/2017

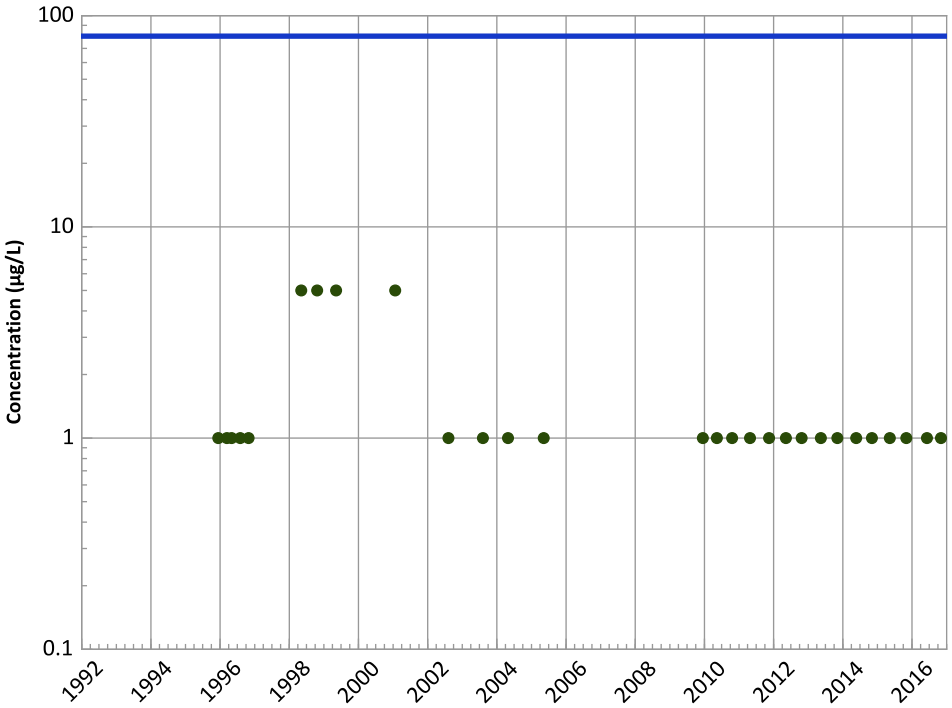
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

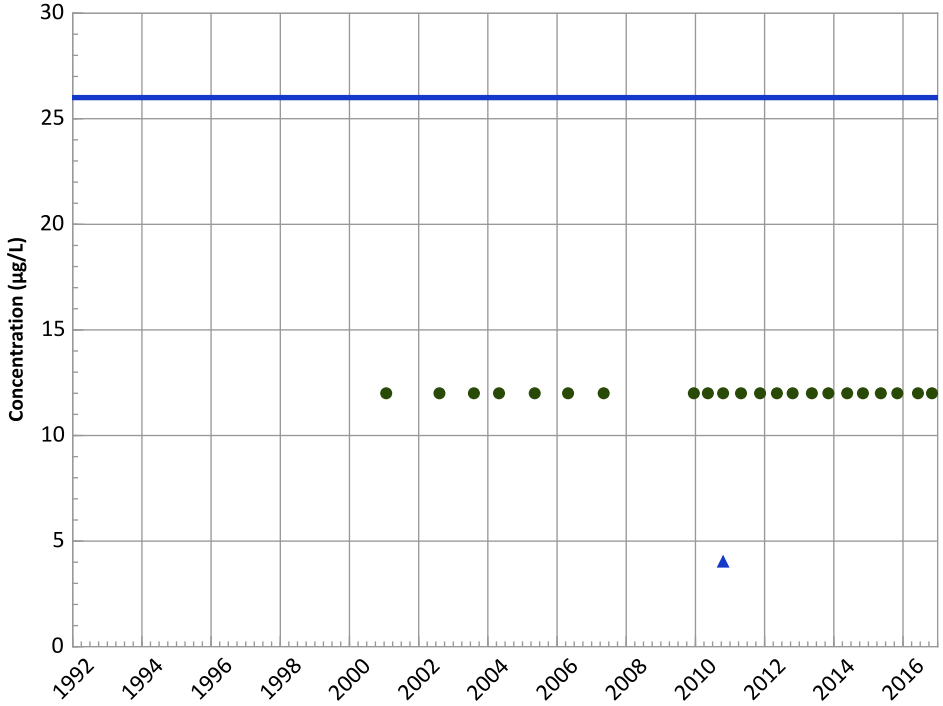


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

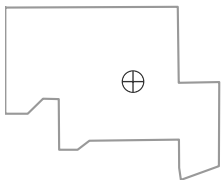
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/13/1995 to 11/02/2016
Analysis Date: 03/07/2017

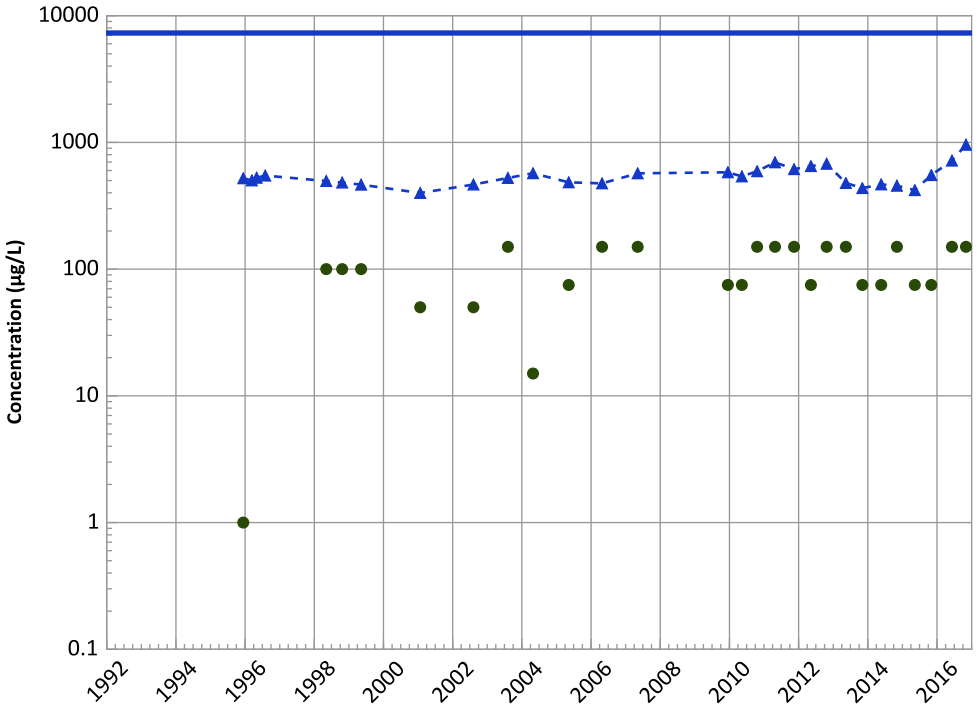
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

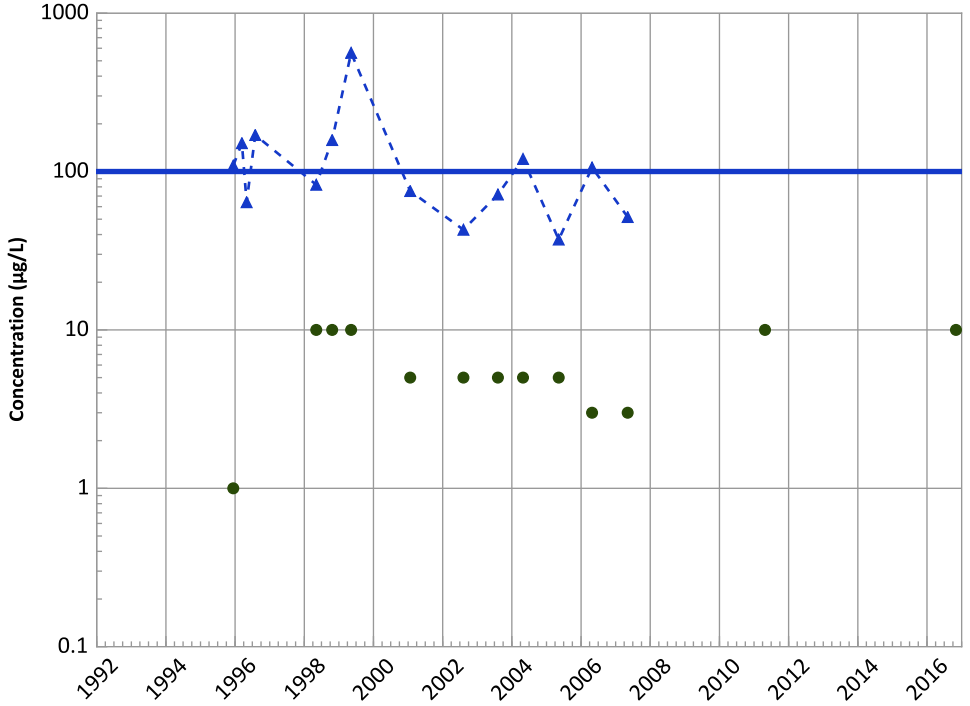


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Chromium, Total Trend



Concentration Trend

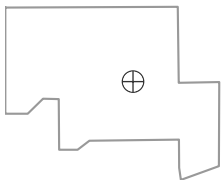
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/13/1995 to 11/02/2016
Analysis Date: 03/07/2017

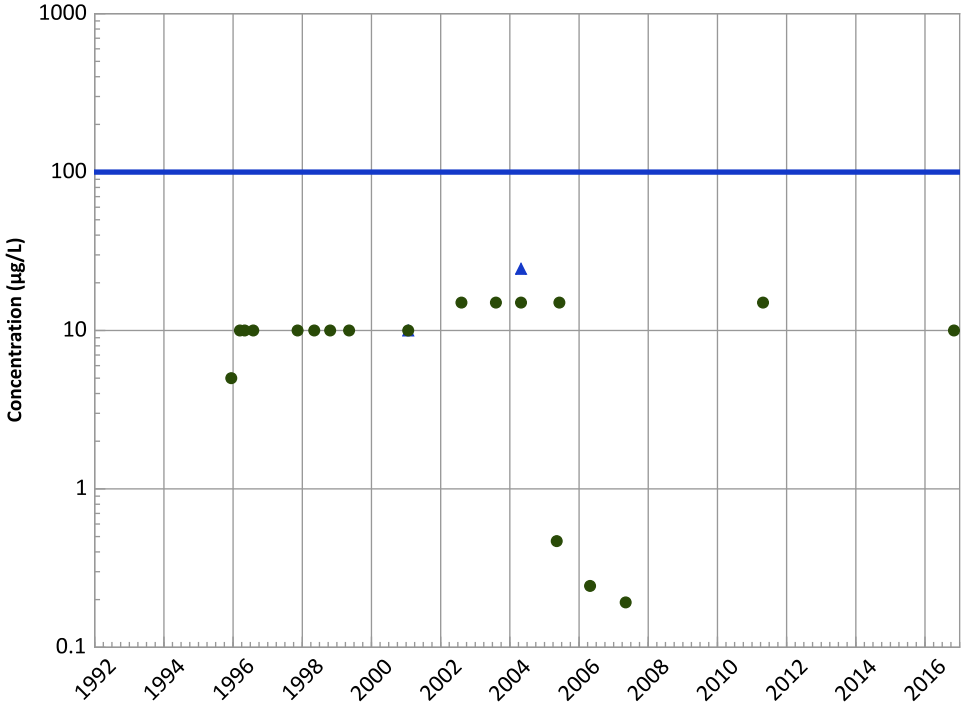
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

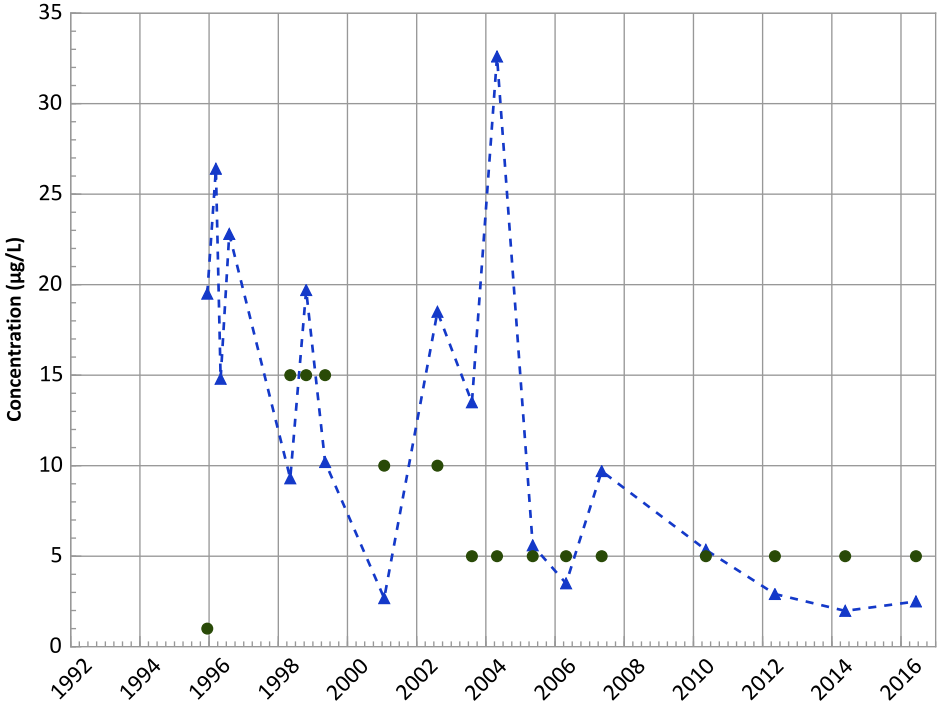


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

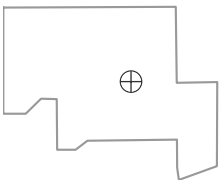
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/13/1995 to 11/02/2016
Analysis Date: 03/07/2017

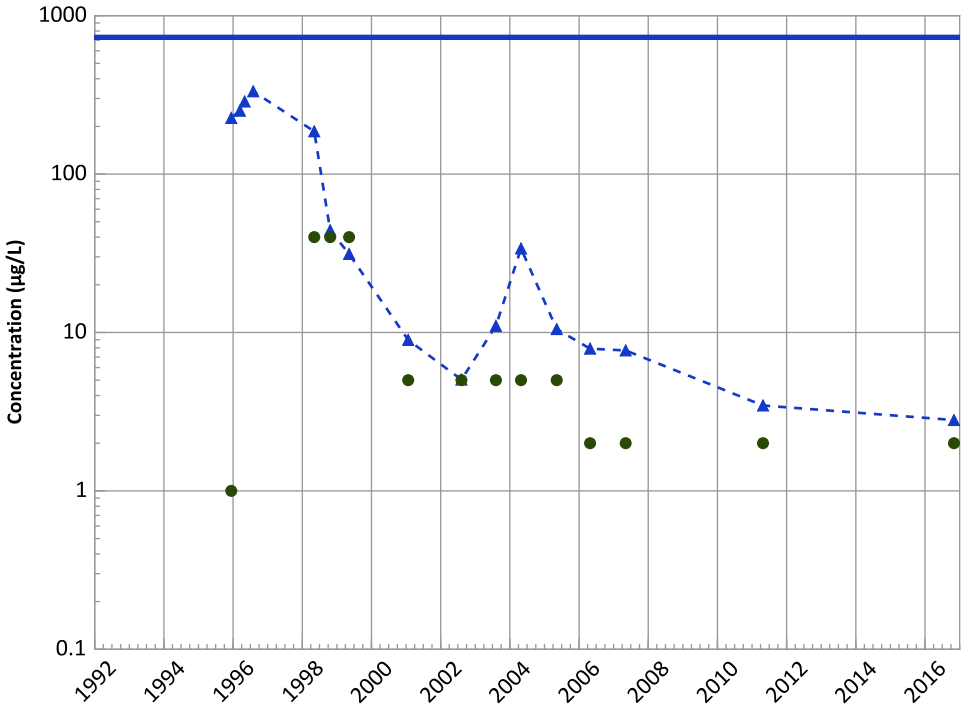
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

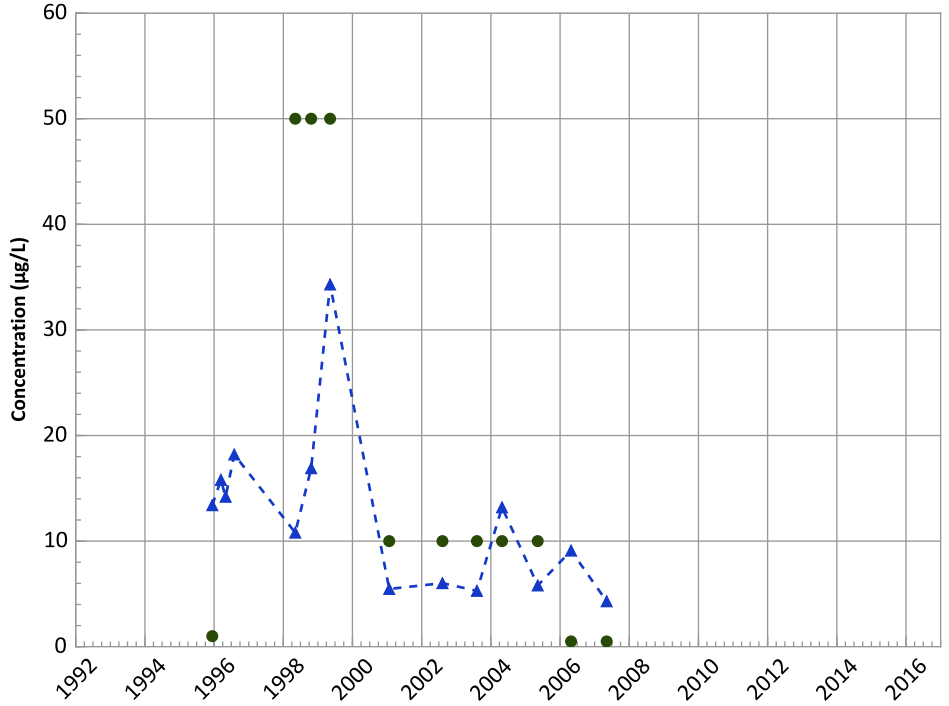


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Molybdenum Trend



Concentration Trend

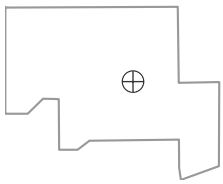
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/13/1995 to 11/02/2016
Analysis Date: 03/07/2017

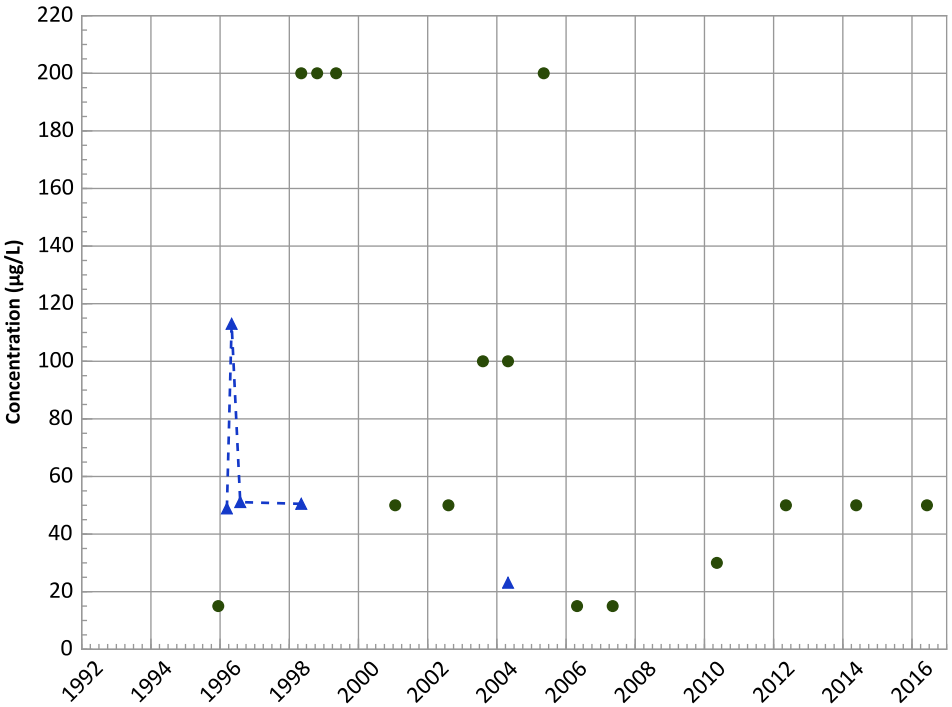
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

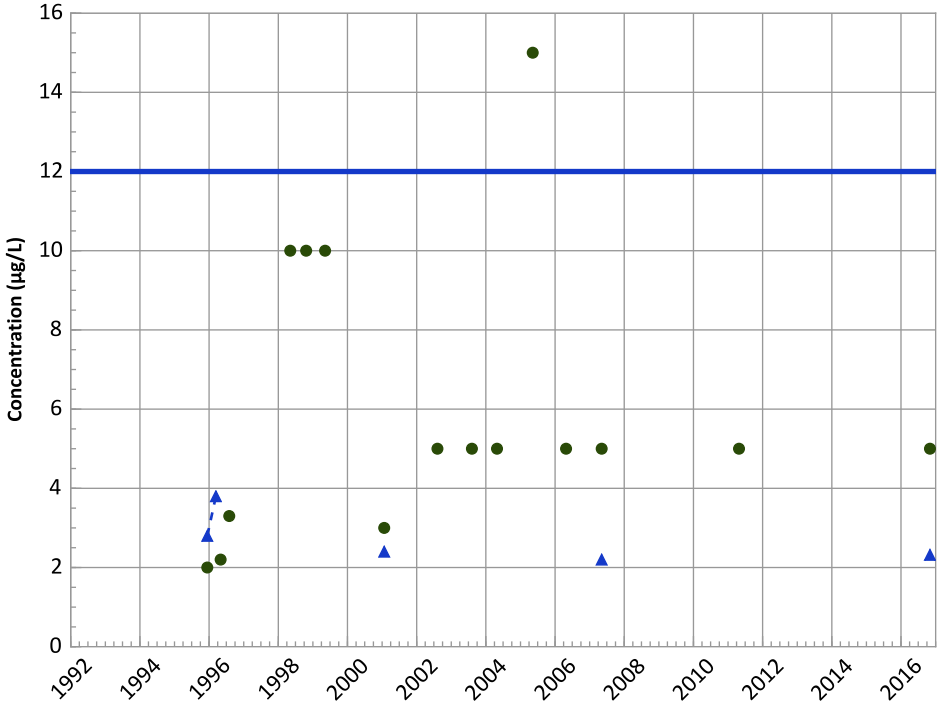


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

Arsenic Trend



Concentration Trend

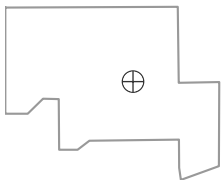
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/13/1995 to 11/02/2016
Analysis Date: 03/07/2017

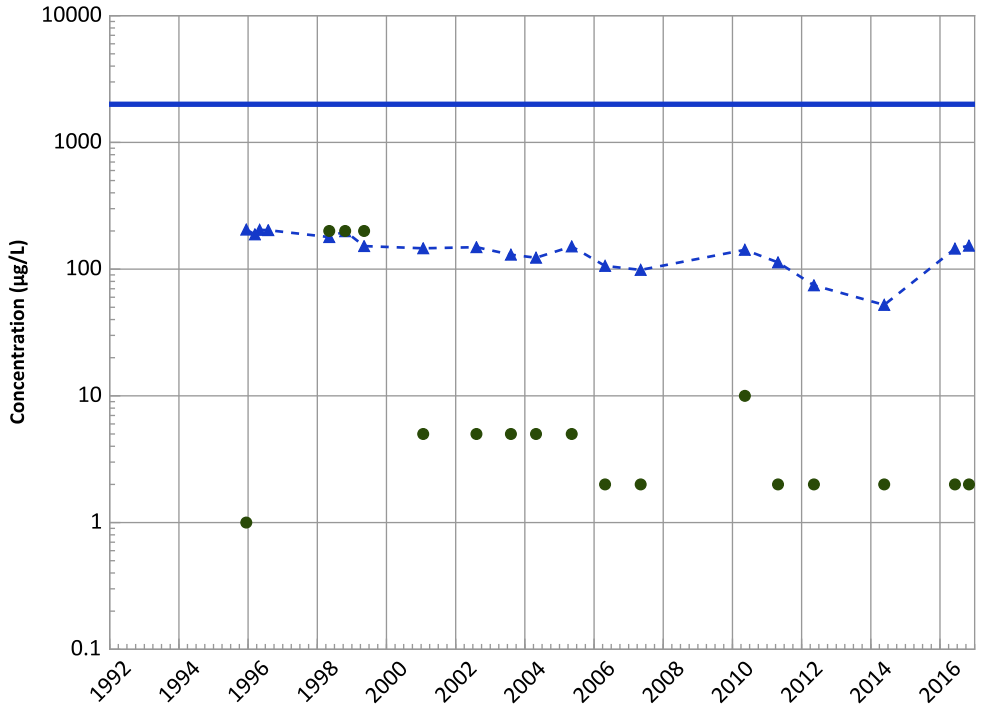
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

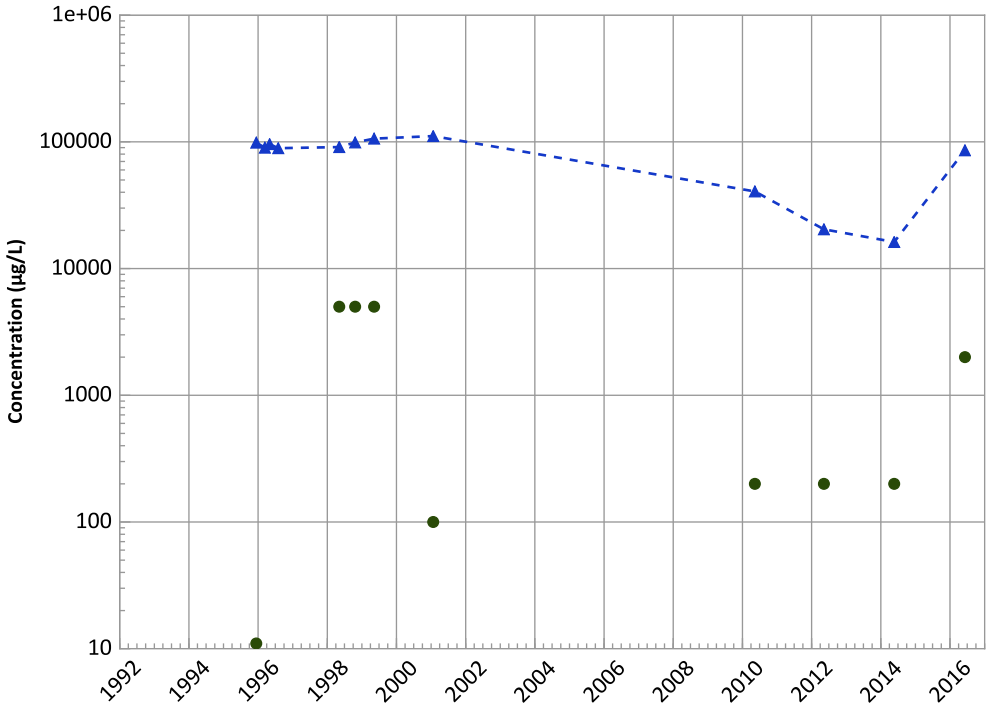


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Calcium Trend



Concentration Trend

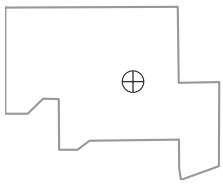
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/13/1995 to 11/02/2016
Analysis Date: 03/07/2017

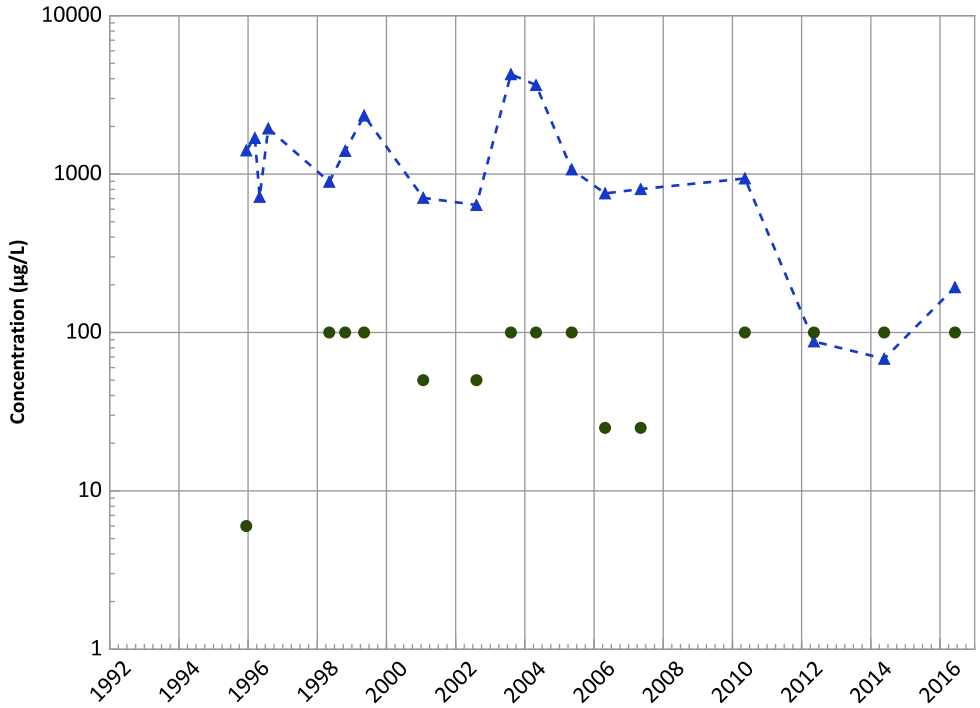
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

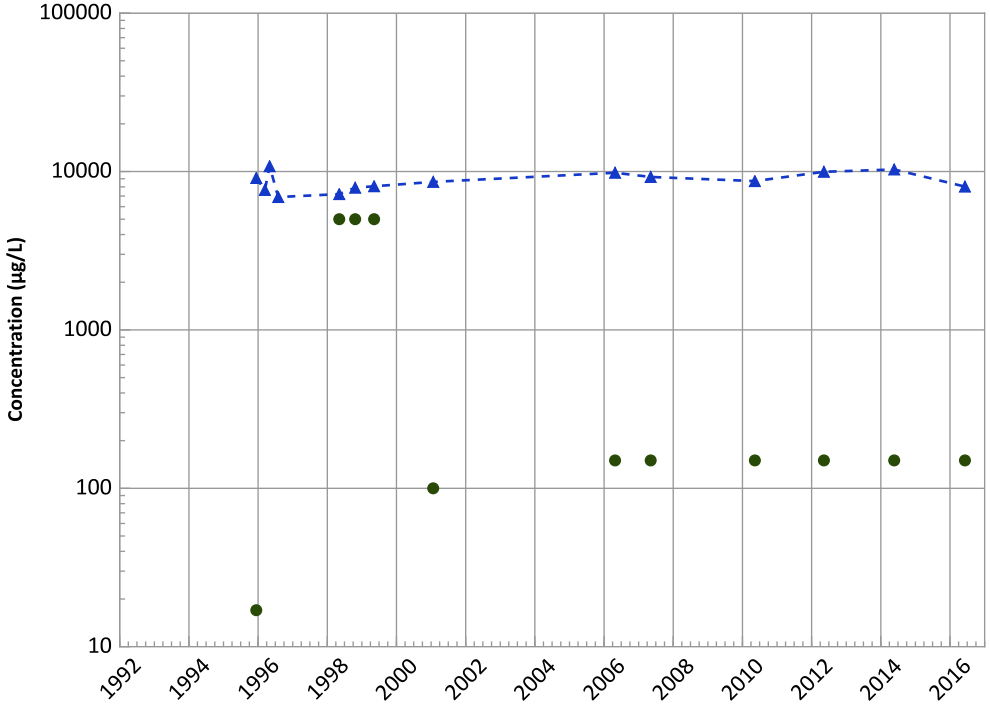


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Potassium Trend



Concentration Trend

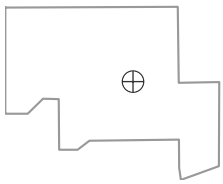
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/13/1995 to 11/02/2016
Analysis Date: 03/07/2017

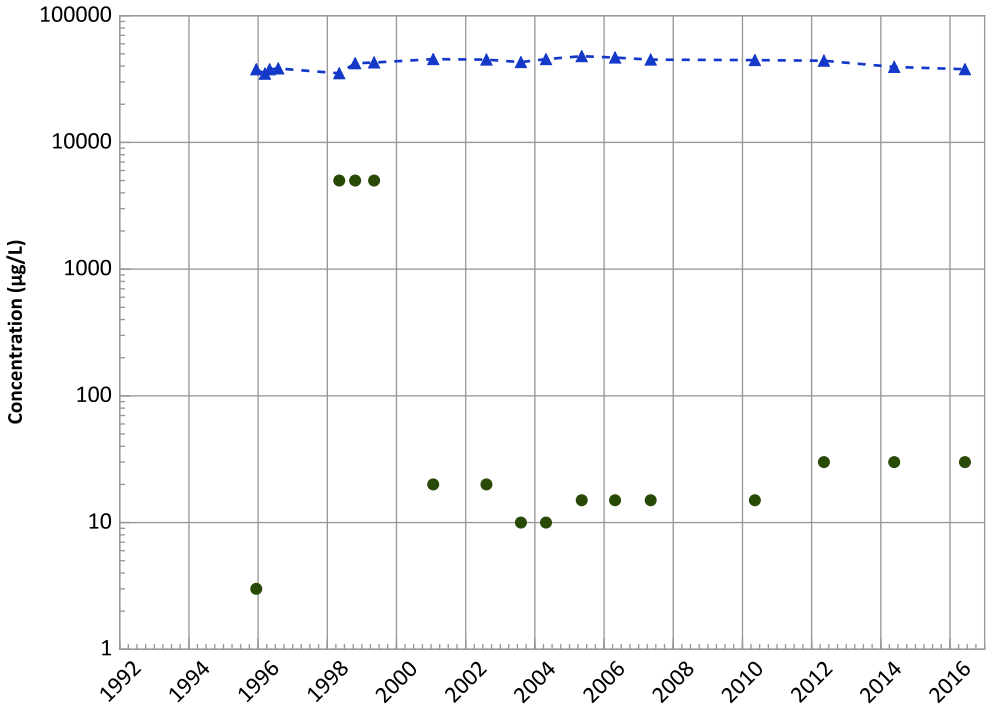
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

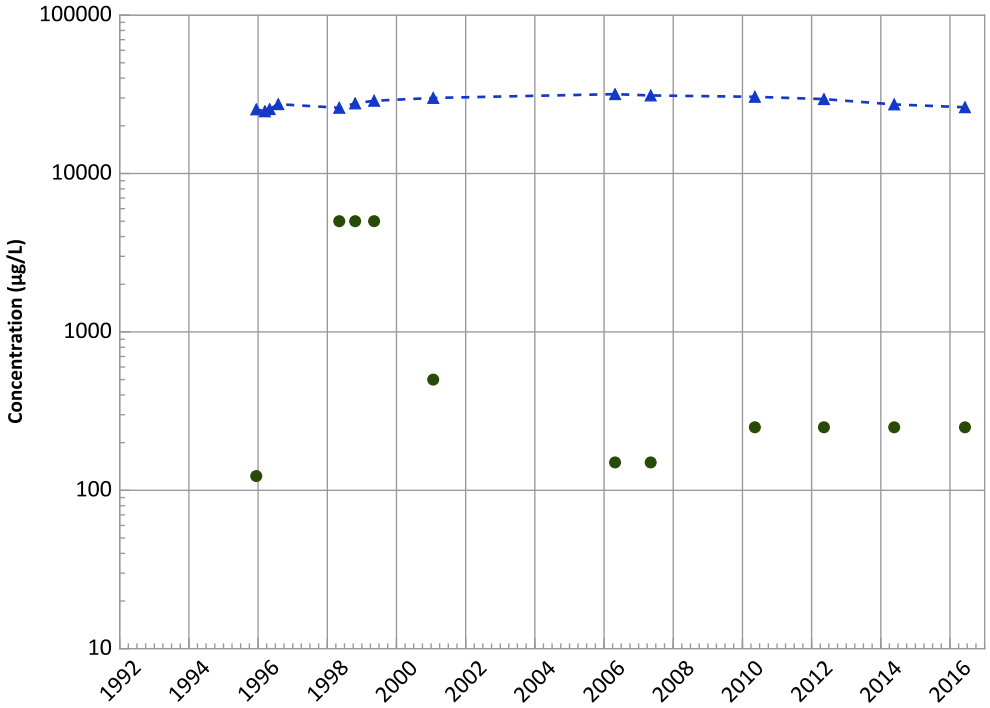


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

Sodium Trend



Concentration Trend

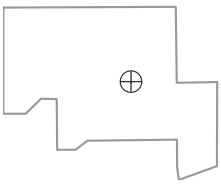
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

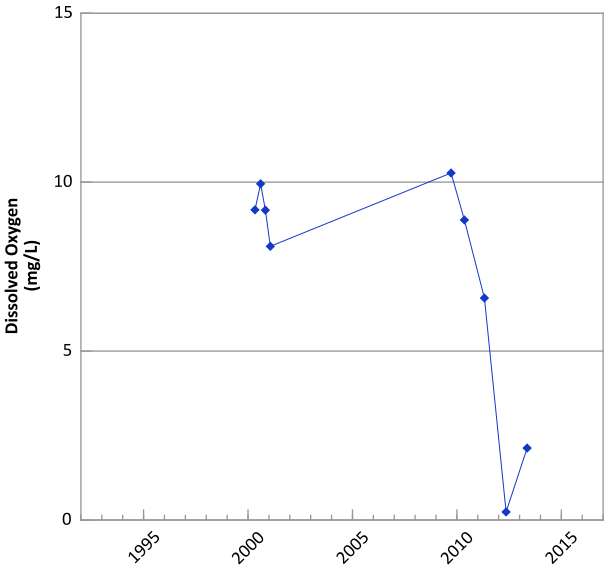
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/13/1995 to 11/02/2016
Analysis Date: 03/07/2017

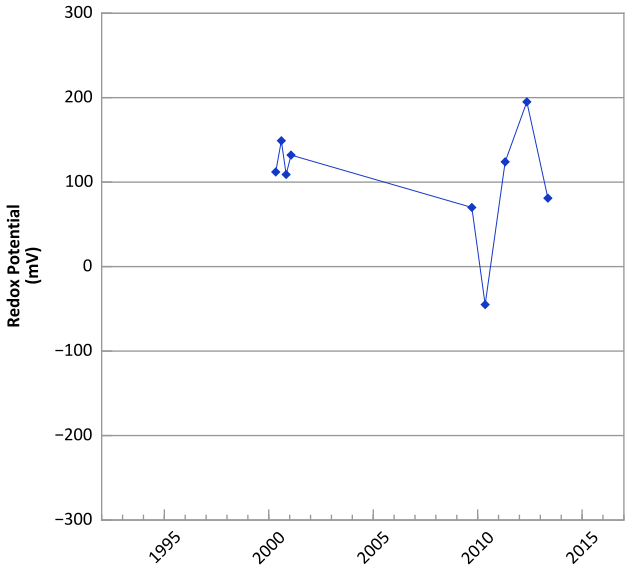
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

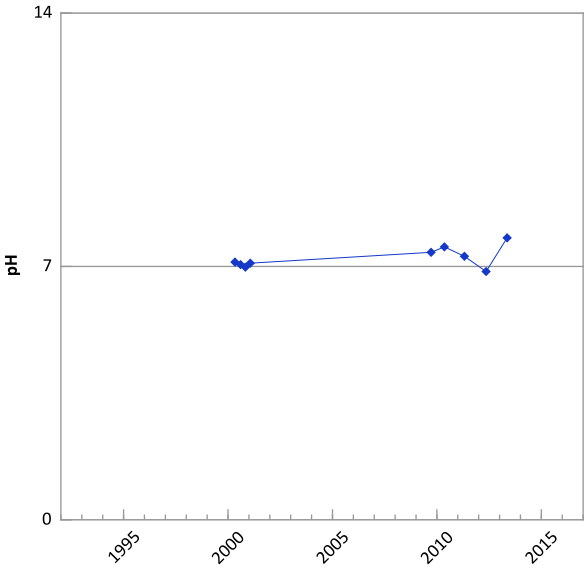
Well Location

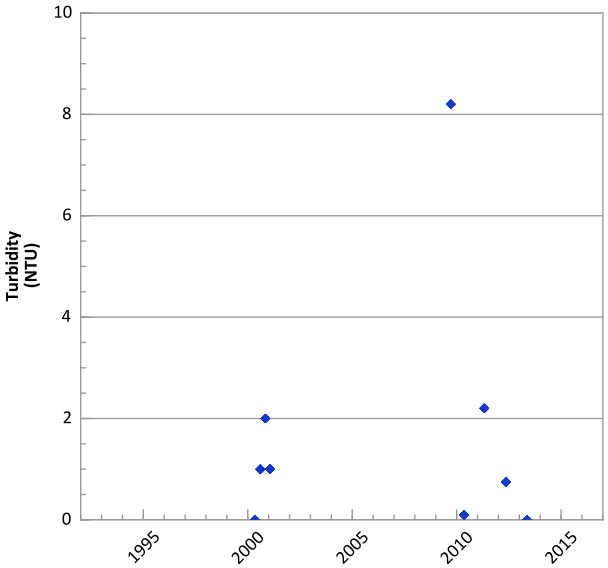


PTX07-1P05 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



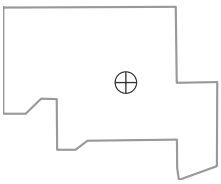






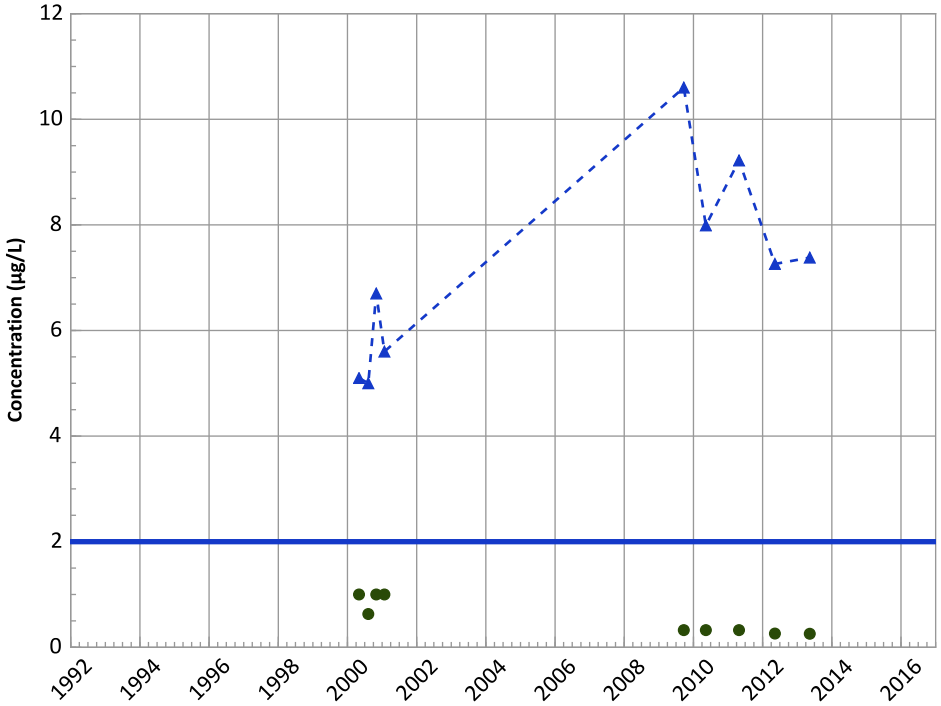
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/02/2000 to 05/13/2013
Analysis Date: 03/07/2017

Well Location



PTX07-1P05 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

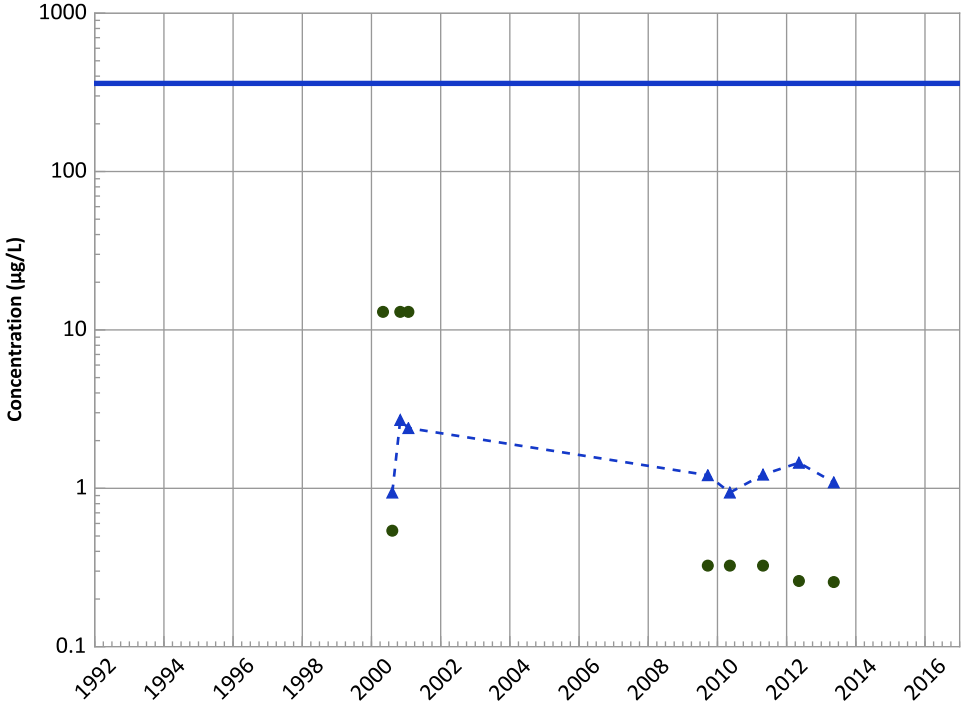


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

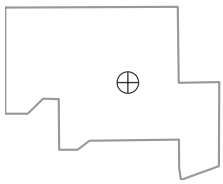
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/02/2000 to 05/13/2013
Analysis Date: 03/07/2017

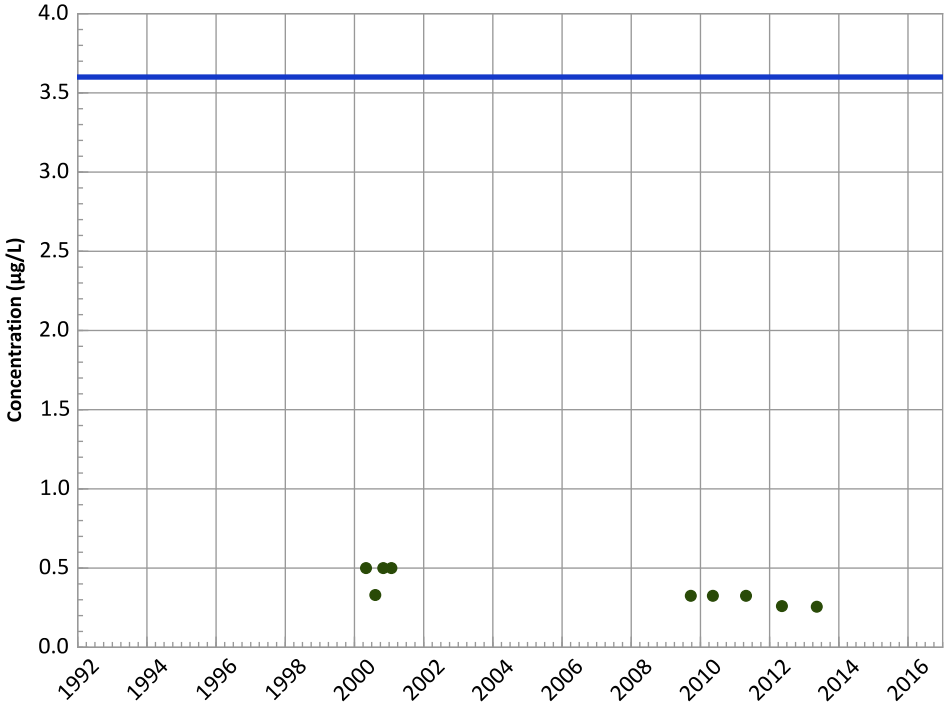
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P05 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

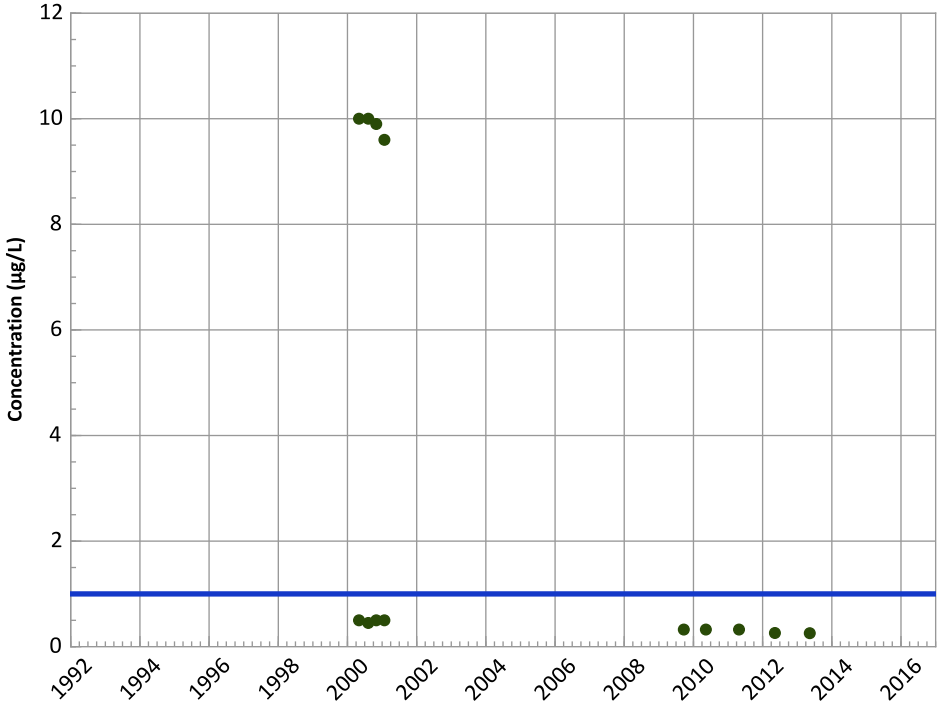


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

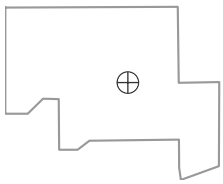
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/02/2000 to 05/13/2013
Analysis Date: 03/07/2017

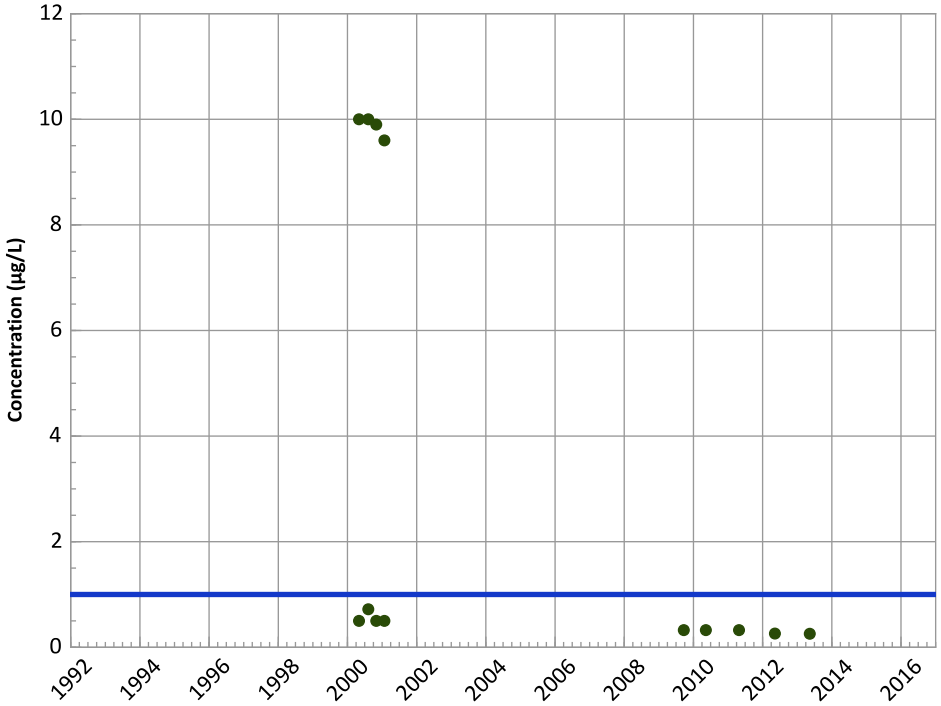
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1P05 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

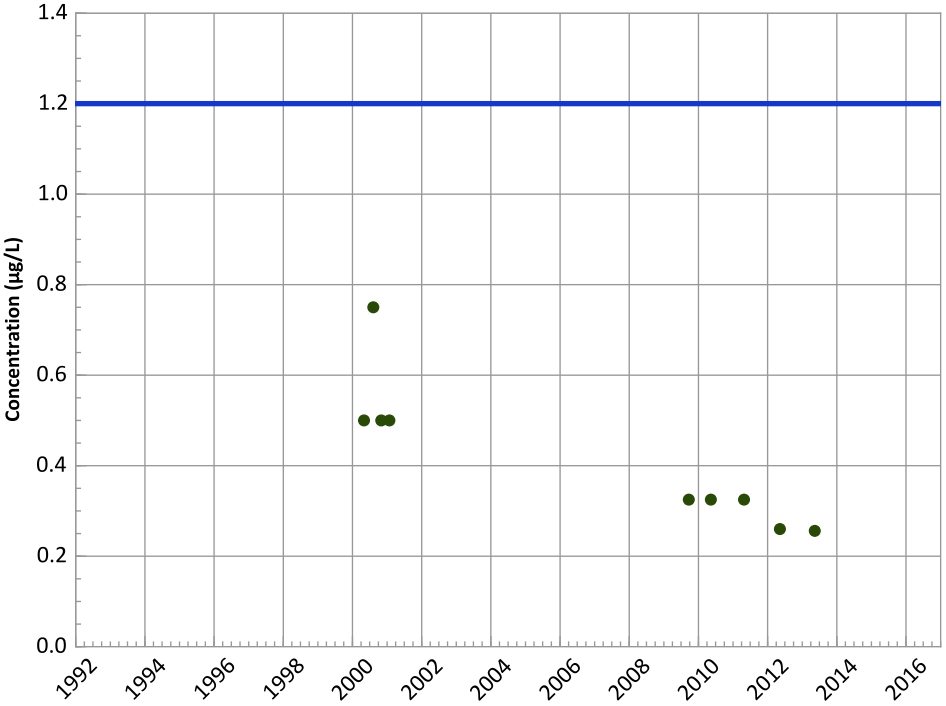


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

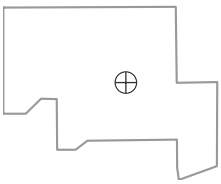
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/02/2000 to 05/13/2013
Analysis Date: 03/07/2017

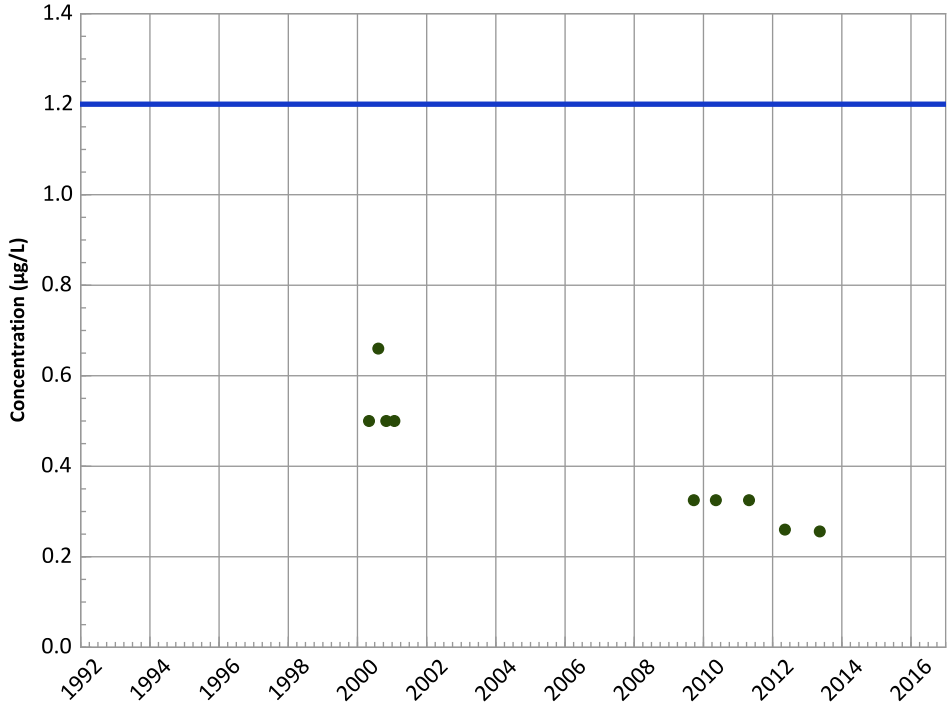
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P05 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

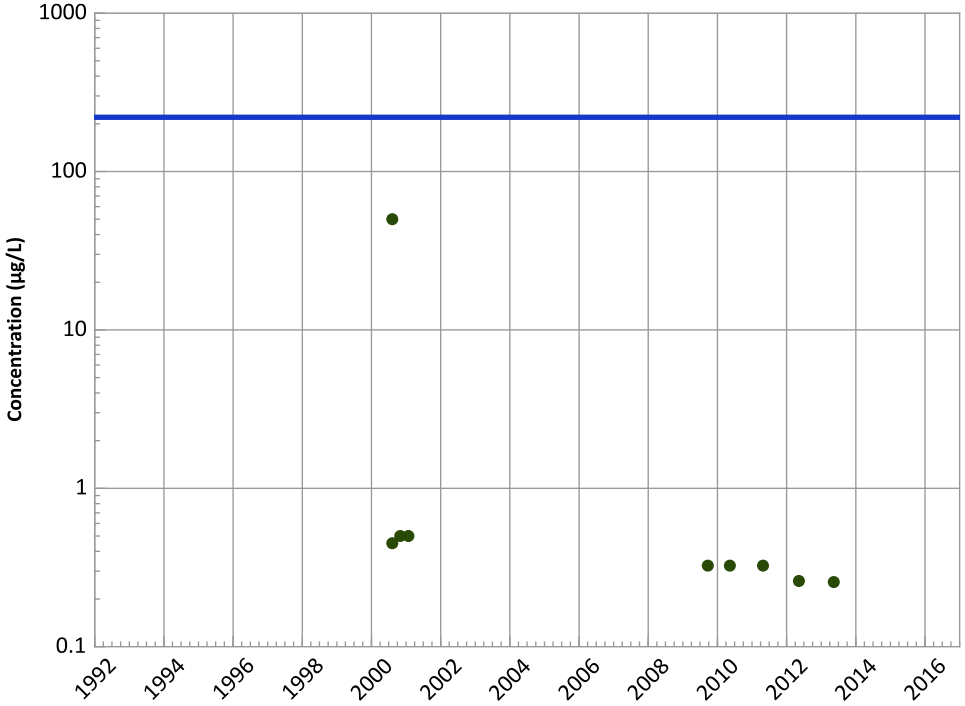


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

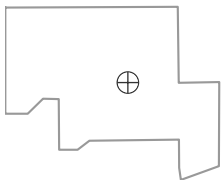
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/02/2000 to 05/13/2013
Analysis Date: 03/07/2017

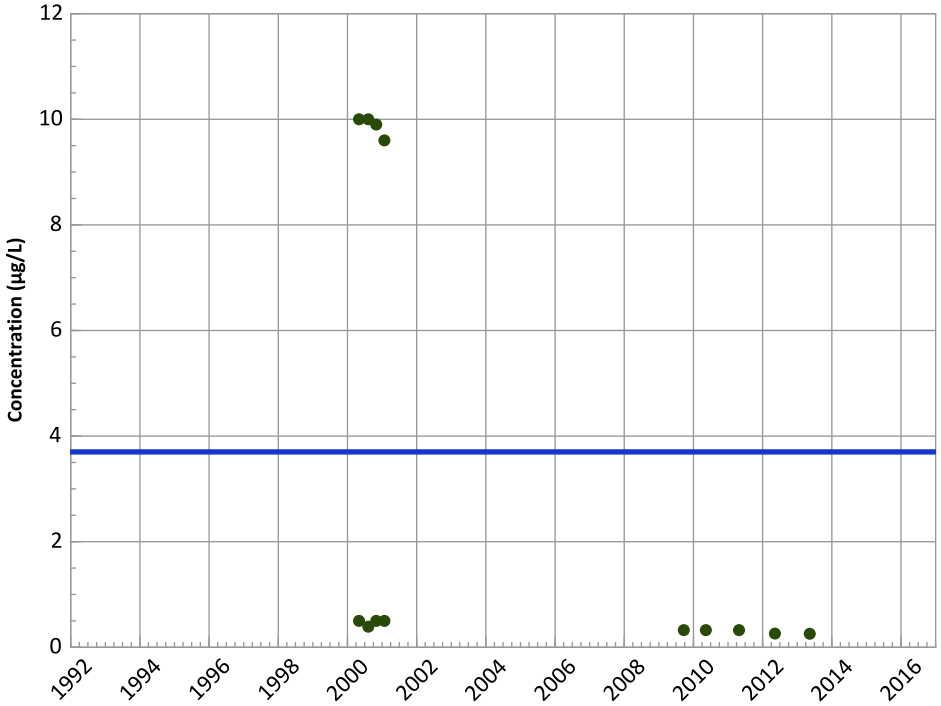
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P05 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

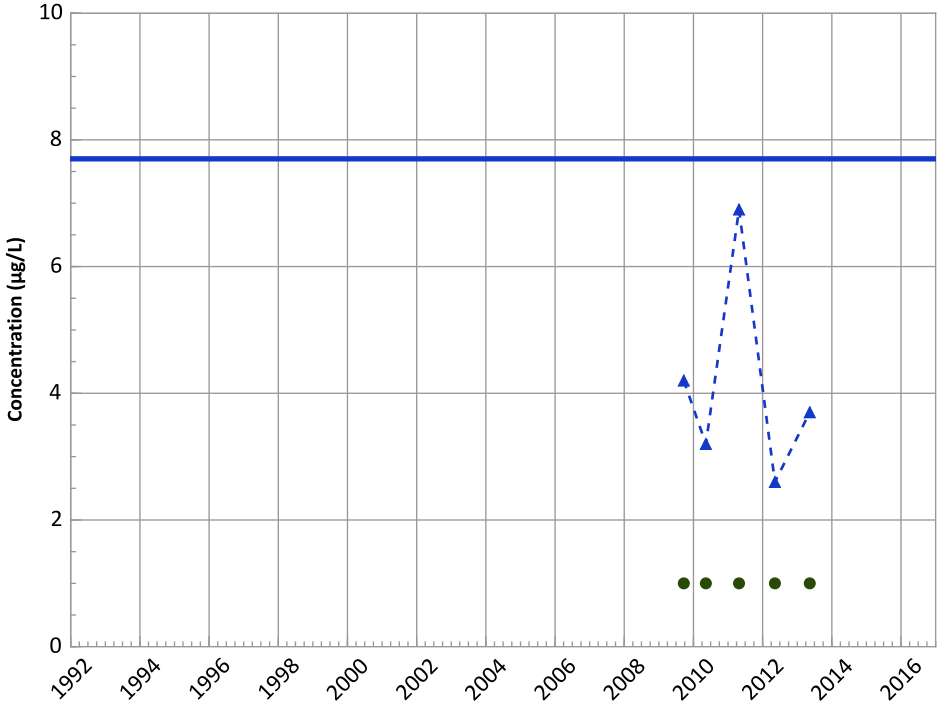


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

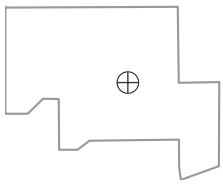
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/02/2000 to 05/13/2013
Analysis Date: 03/07/2017

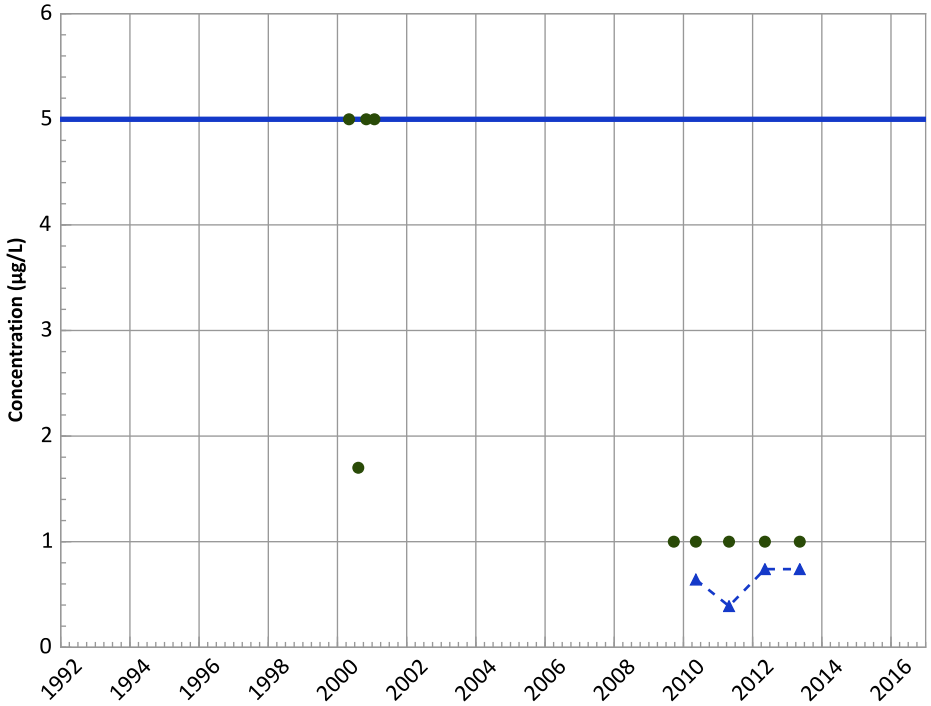
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P05 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

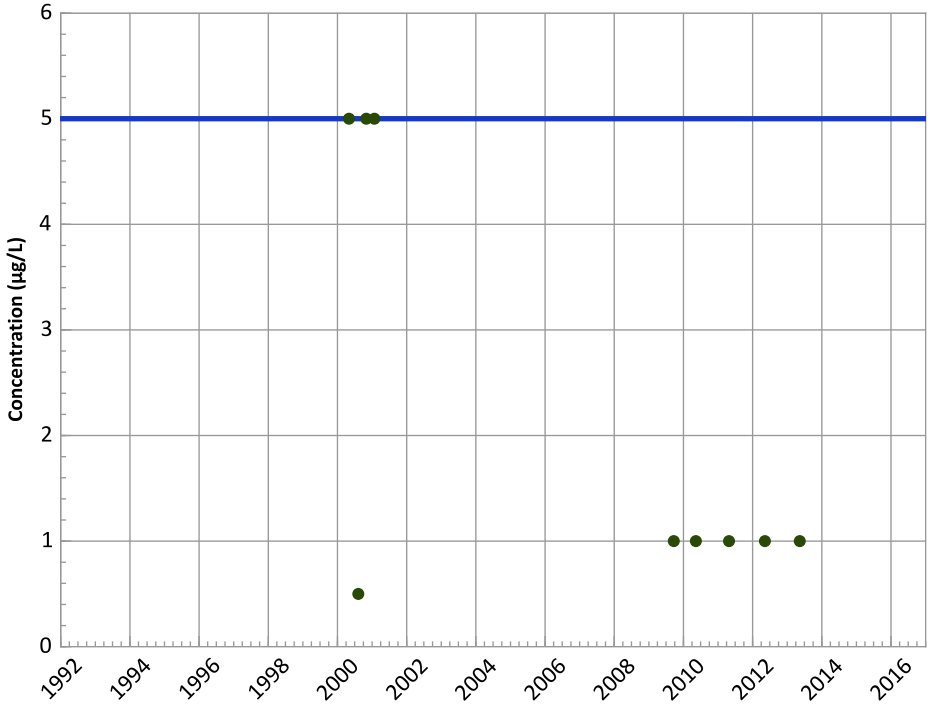


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Trichloroethene Trend



Concentration Trend

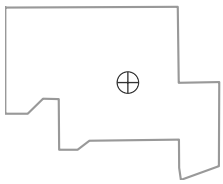
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/02/2000 to 05/13/2013
Analysis Date: 03/07/2017

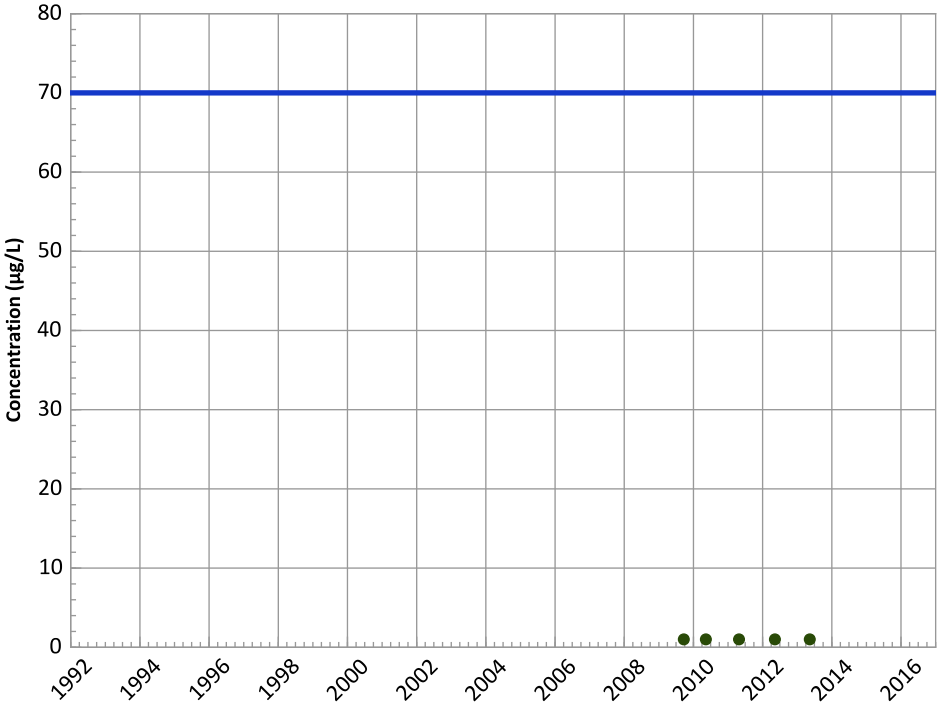
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX07-1P05 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

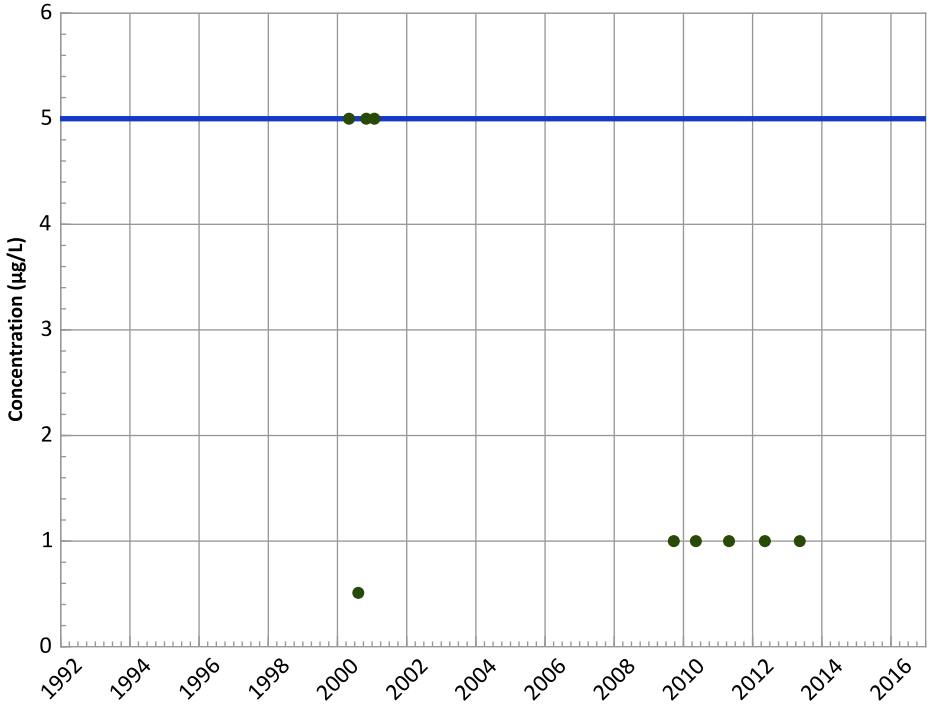


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

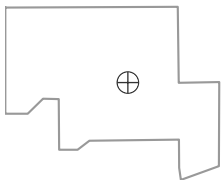
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/02/2000 to 05/13/2013
Analysis Date: 03/07/2017

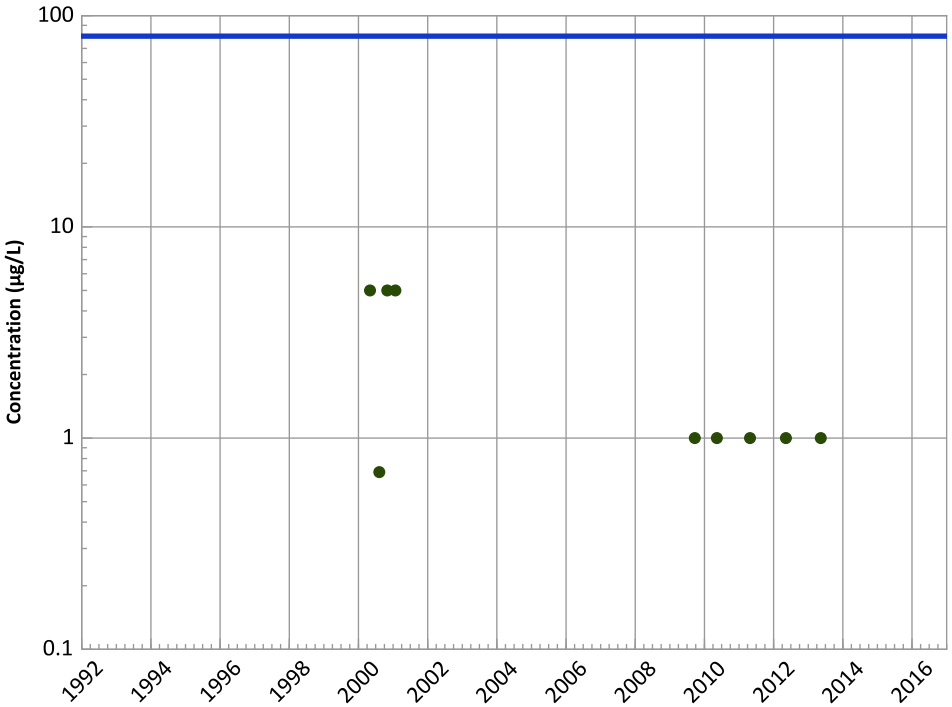
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ——— Groundwater Protection Standard

Well Location



PTX07-1P05 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

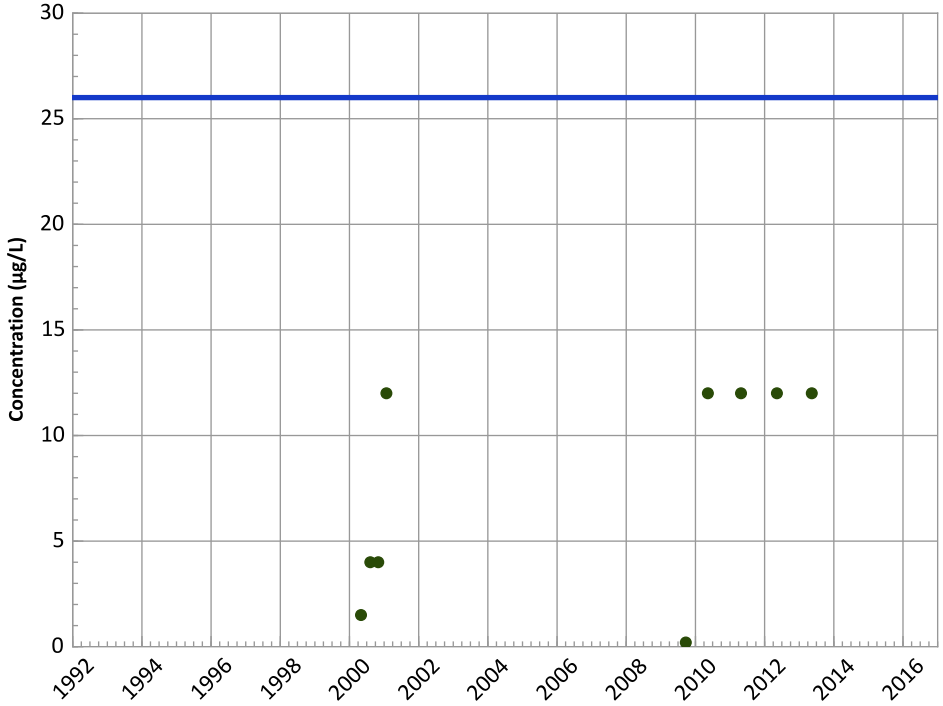


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

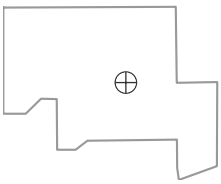
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/02/2000 to 05/13/2013
Analysis Date: 03/07/2017

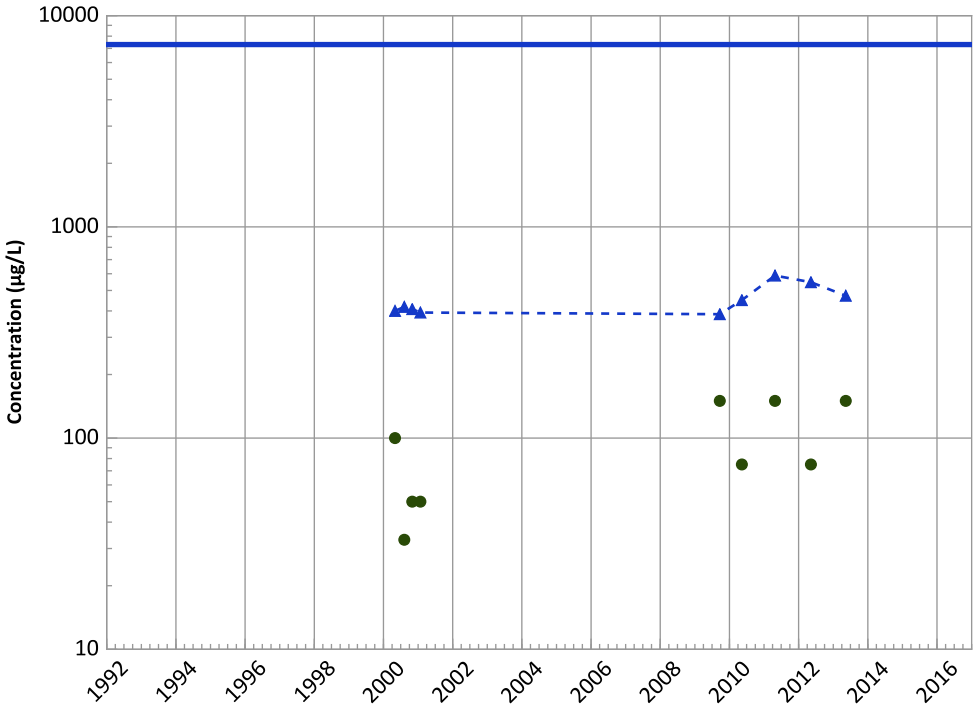
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P05 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

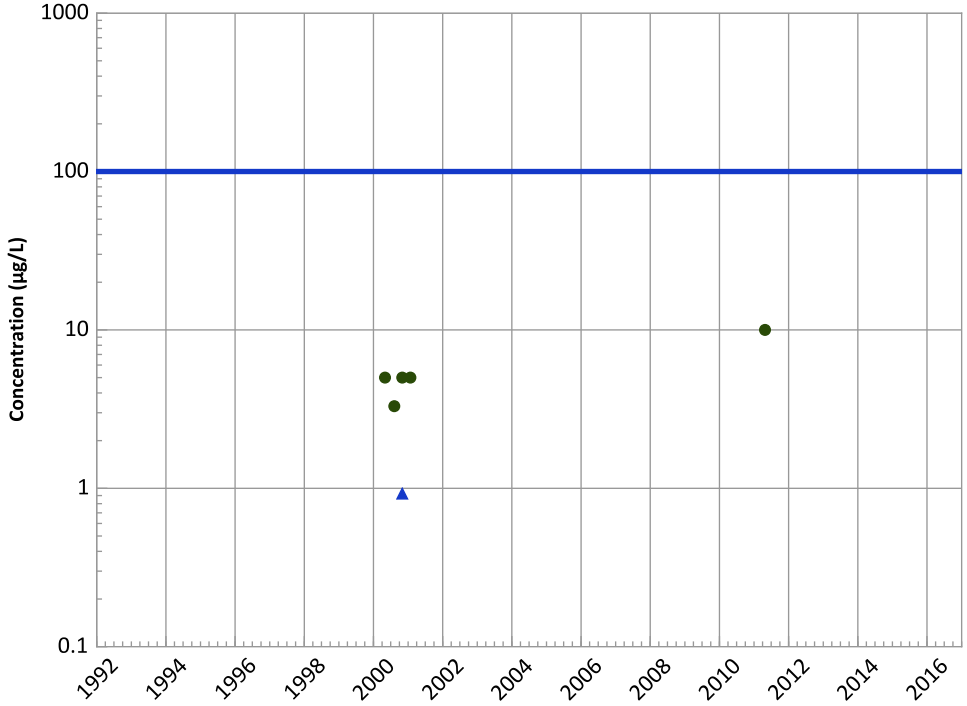


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Chromium, Total Trend



Concentration Trend

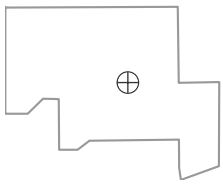
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/02/2000 to 05/13/2013
Analysis Date: 03/07/2017

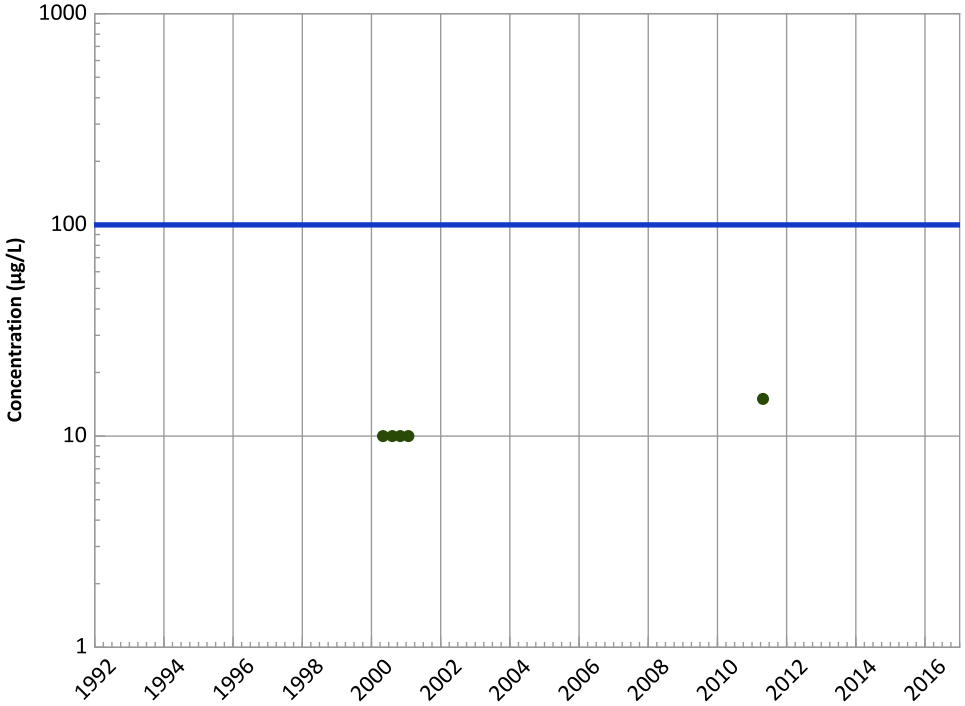
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P05 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

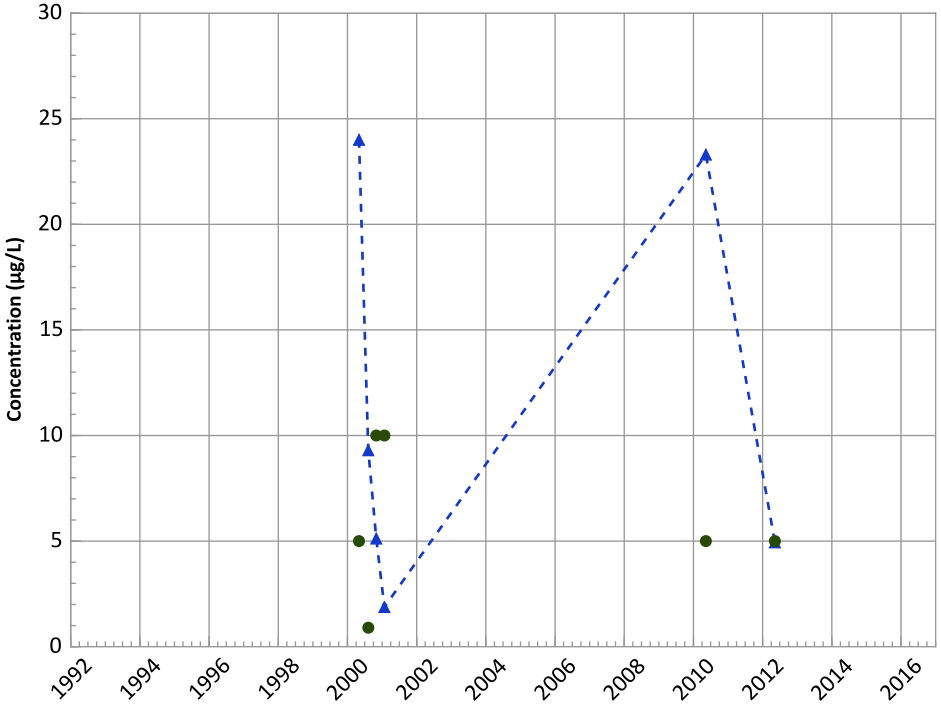


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Manganese Trend



Concentration Trend

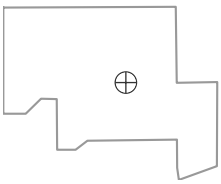
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/02/2000 to 05/13/2013
Analysis Date: 03/07/2017

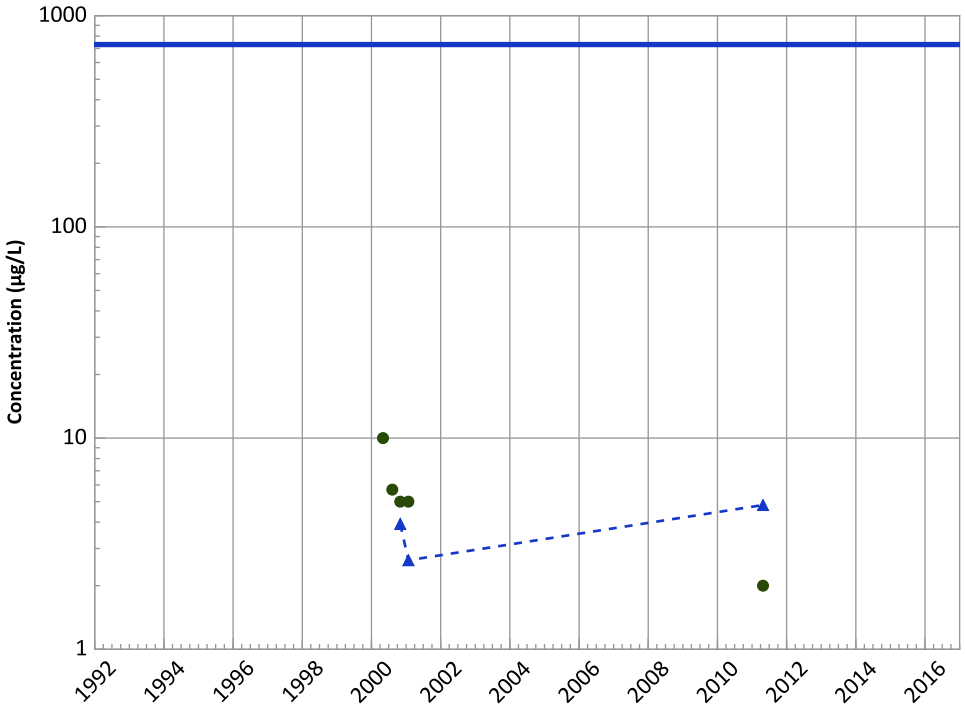
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P05 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

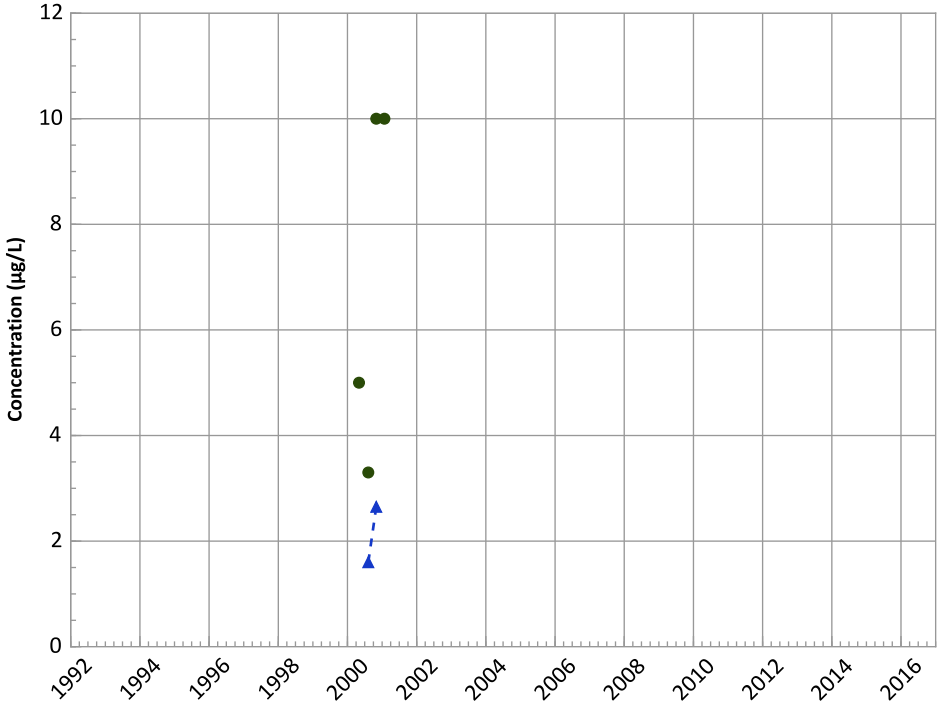


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Molybdenum Trend



Concentration Trend

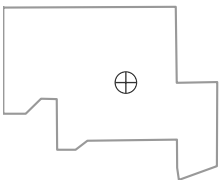
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/02/2000 to 05/13/2013
Analysis Date: 03/07/2017

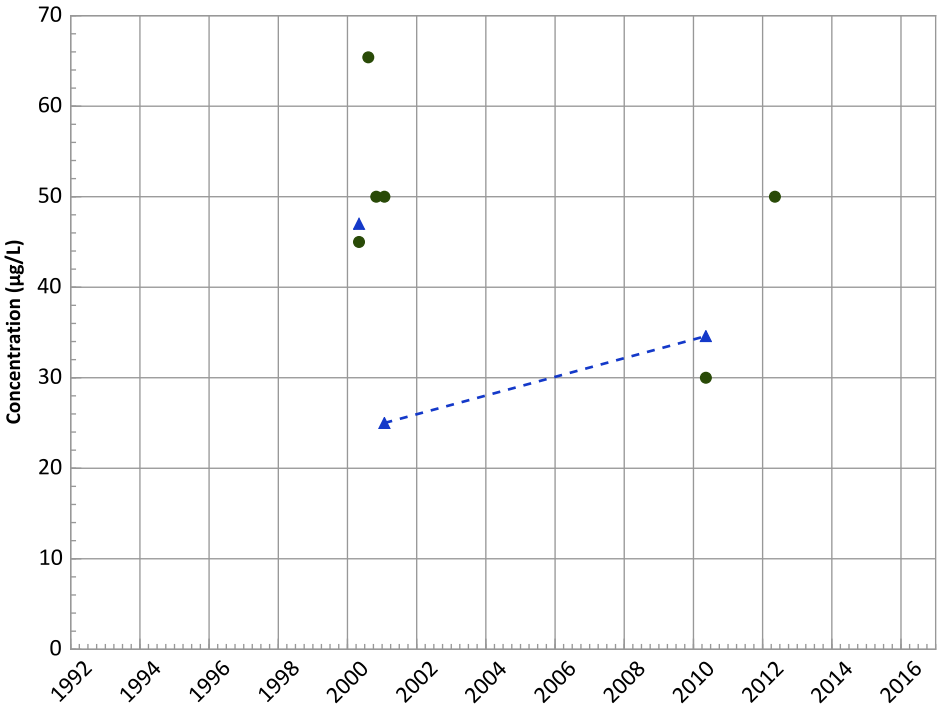
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P05 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

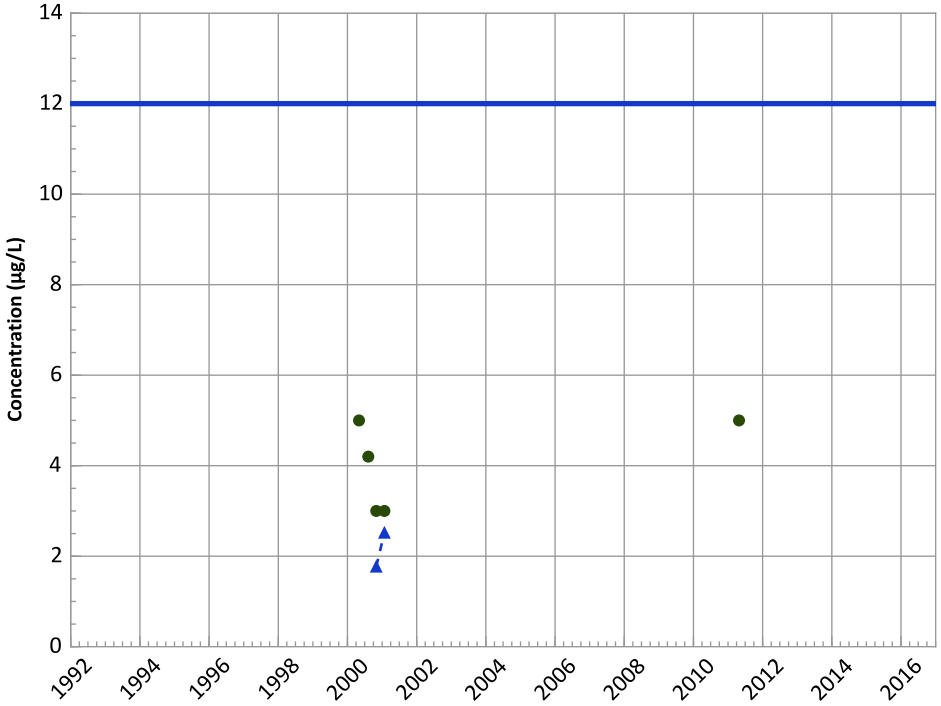


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

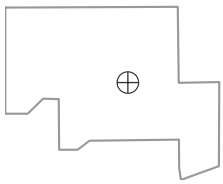
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/02/2000 to 05/13/2013
Analysis Date: 03/07/2017

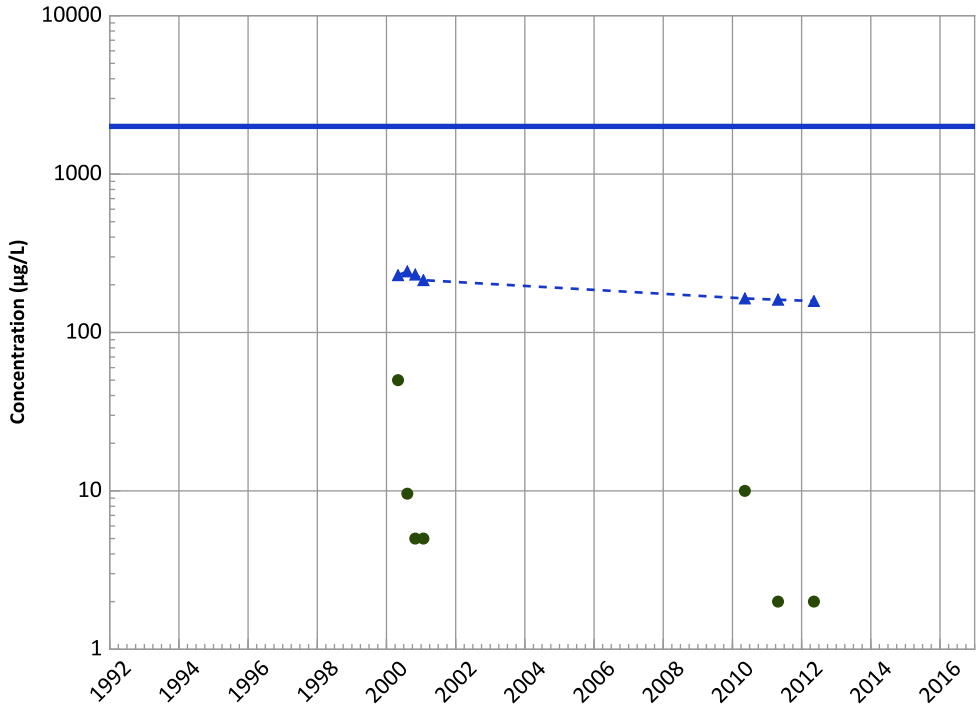
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P05 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

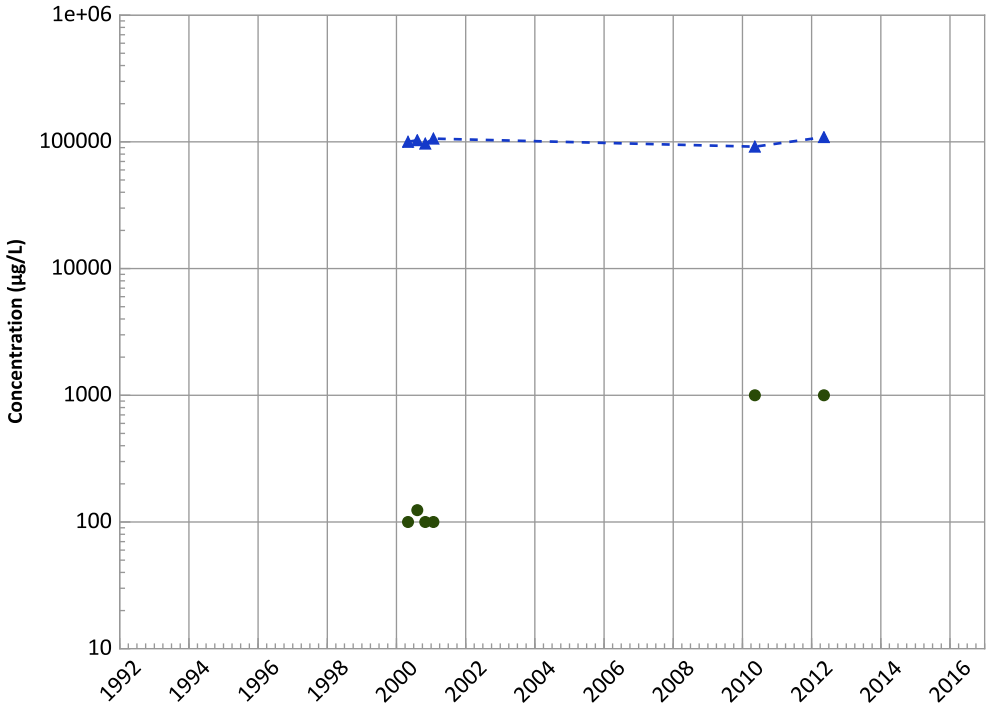


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Calcium Trend



Concentration Trend

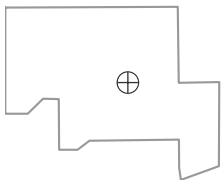
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/02/2000 to 05/13/2013
Analysis Date: 03/07/2017

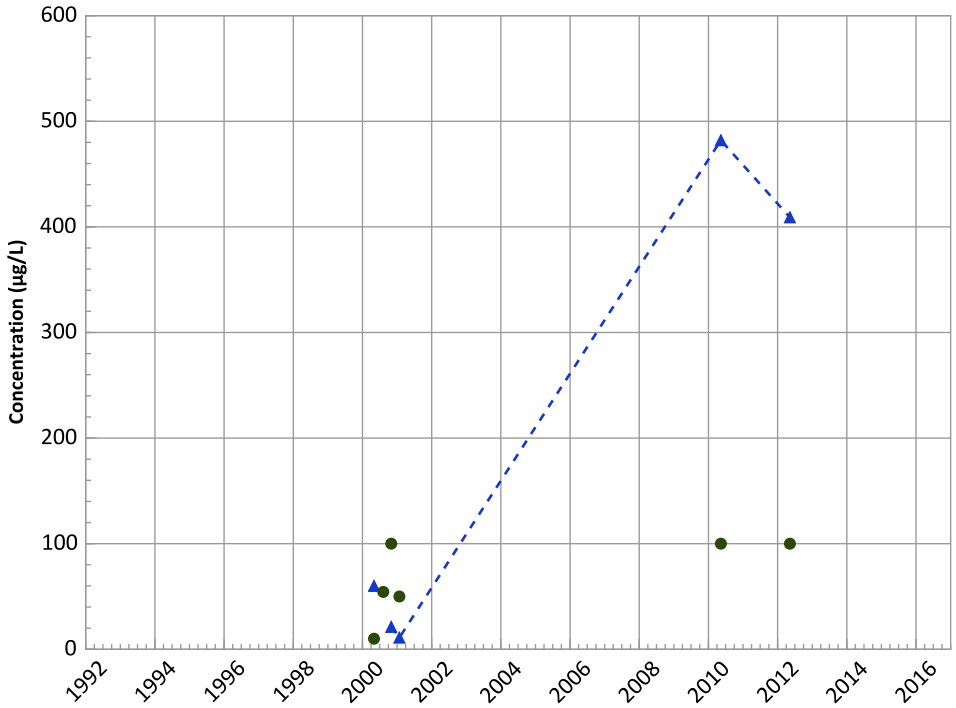
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P05 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

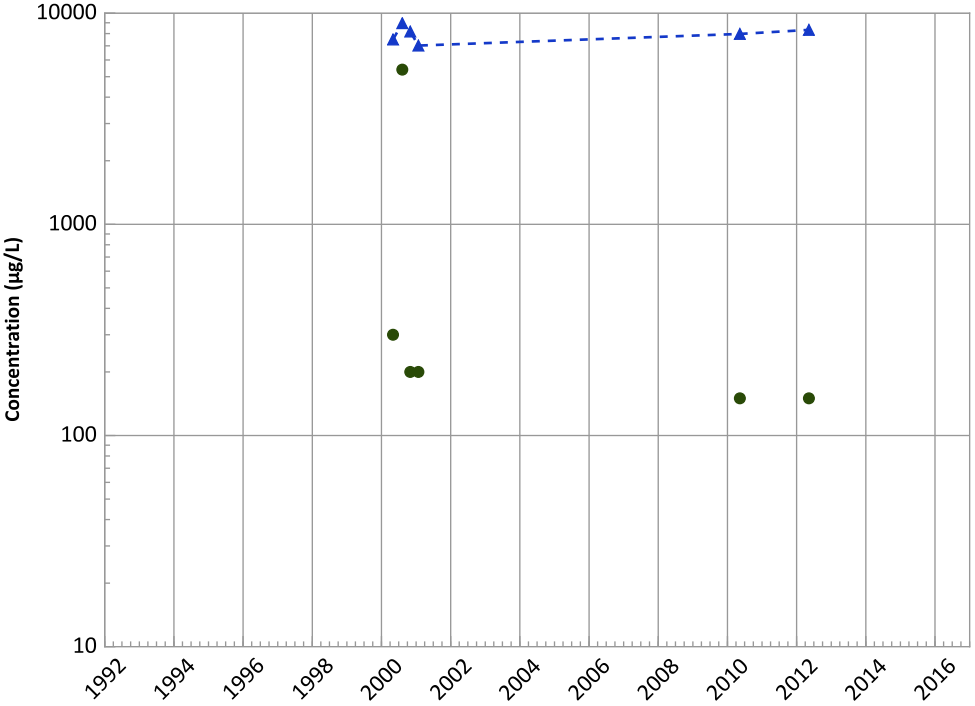


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Potassium Trend



Concentration Trend

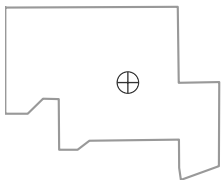
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/02/2000 to 05/13/2013
Analysis Date: 03/07/2017

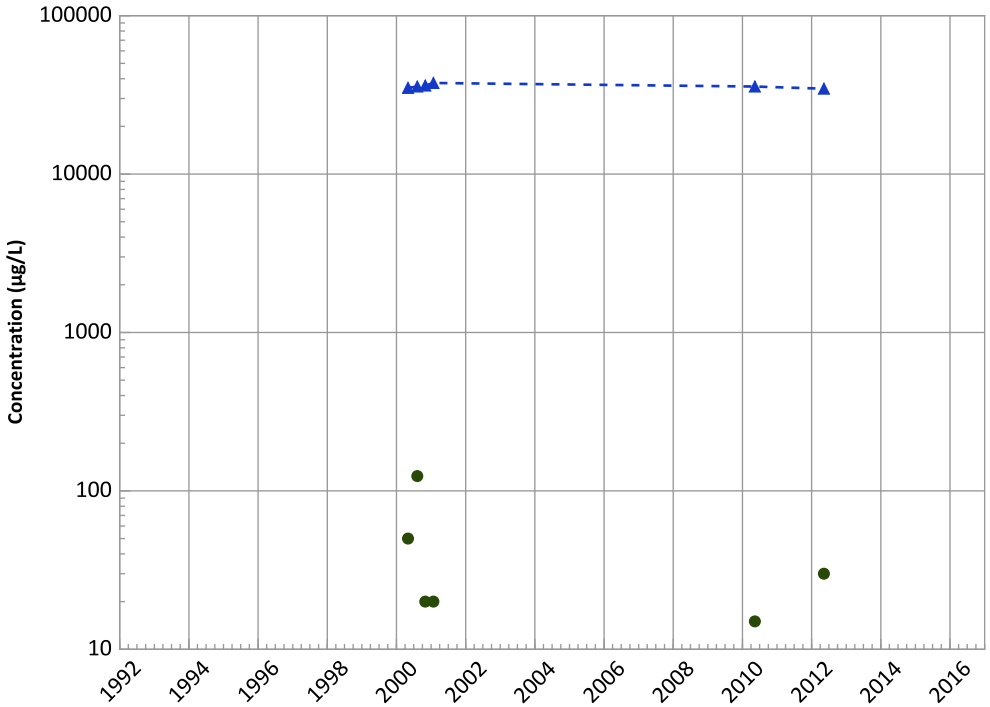
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P05 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

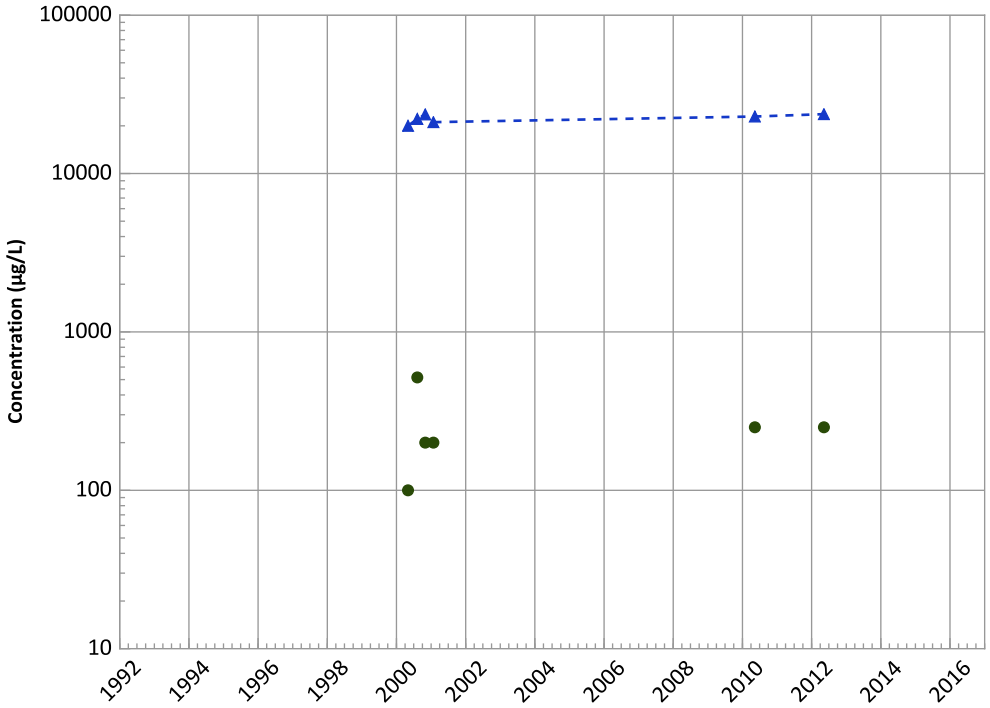


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Sodium Trend



Concentration Trend

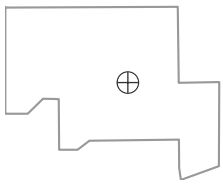
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

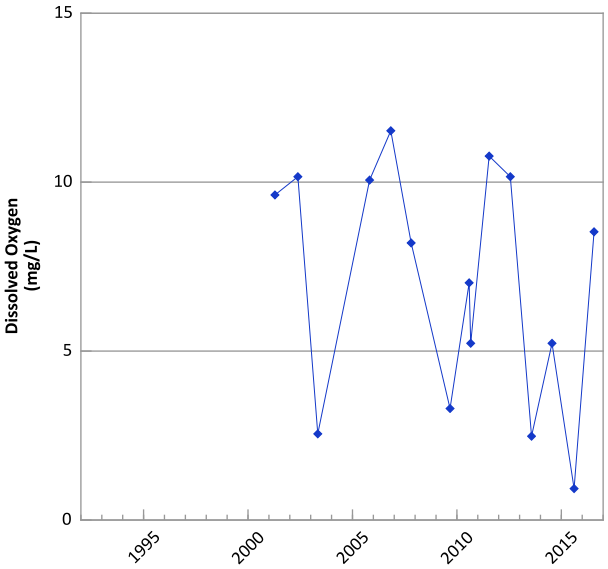
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/02/2000 to 05/13/2013
Analysis Date: 03/07/2017

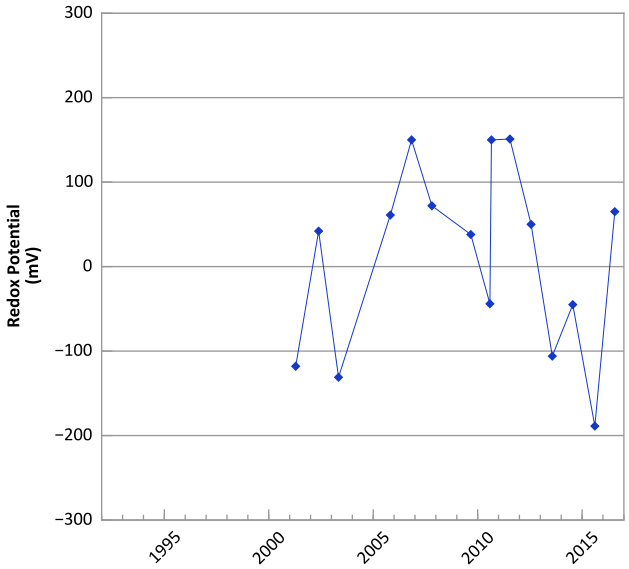
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

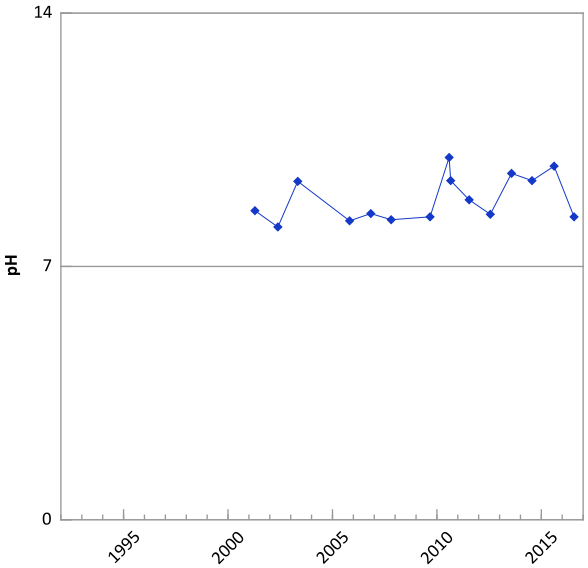
Well Location

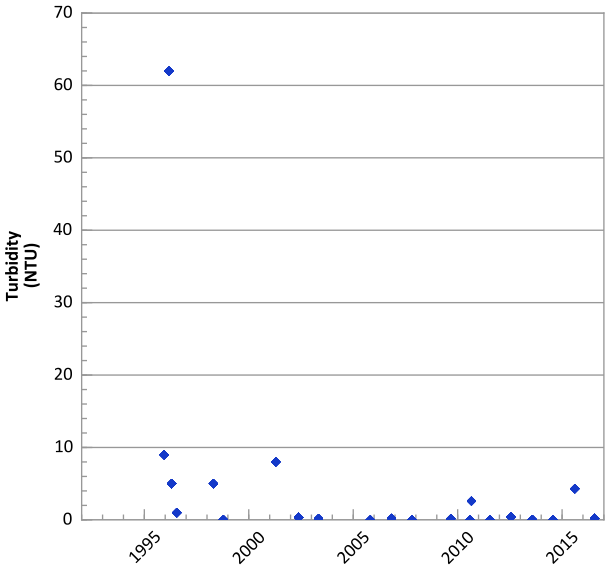


PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



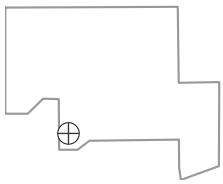






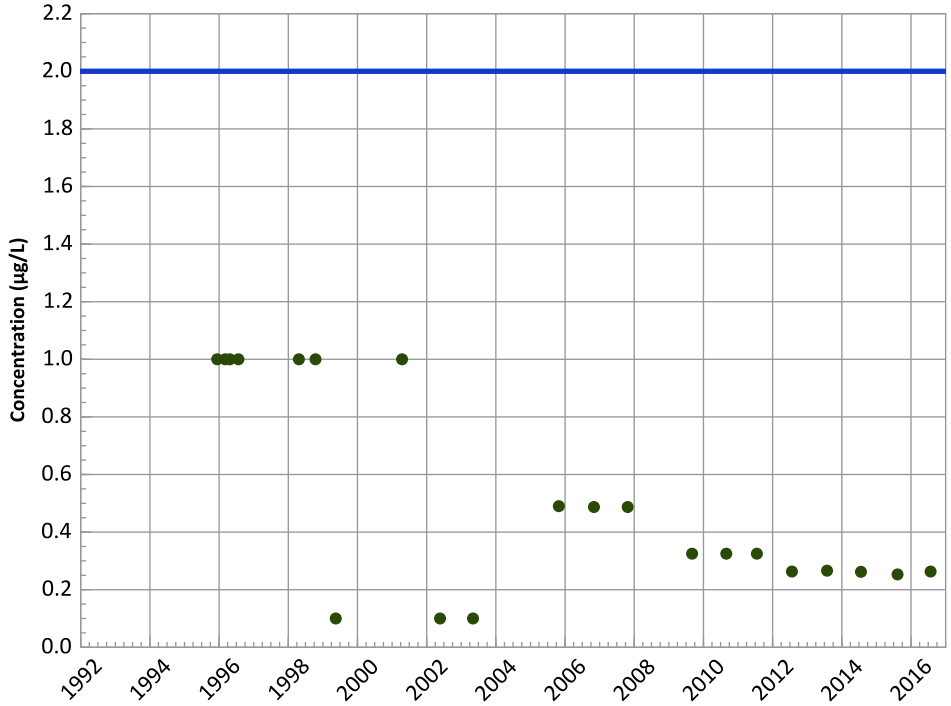
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/26/2016
Analysis Date: 03/07/2017

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

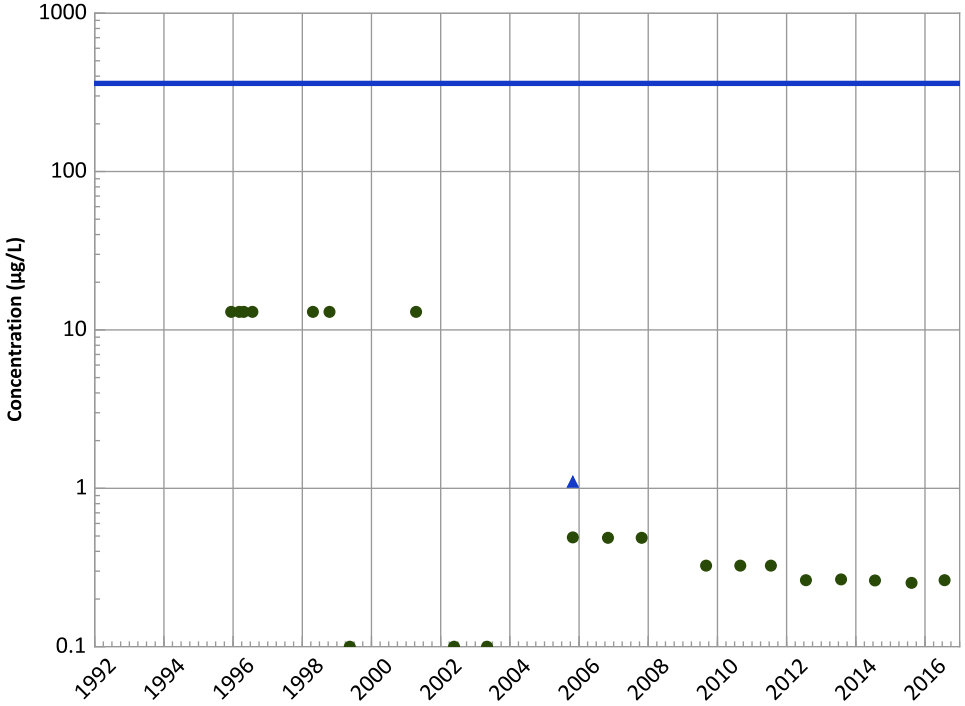


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

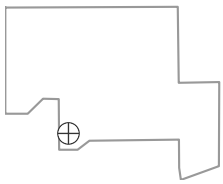
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/26/2016
Analysis Date: 03/07/2017

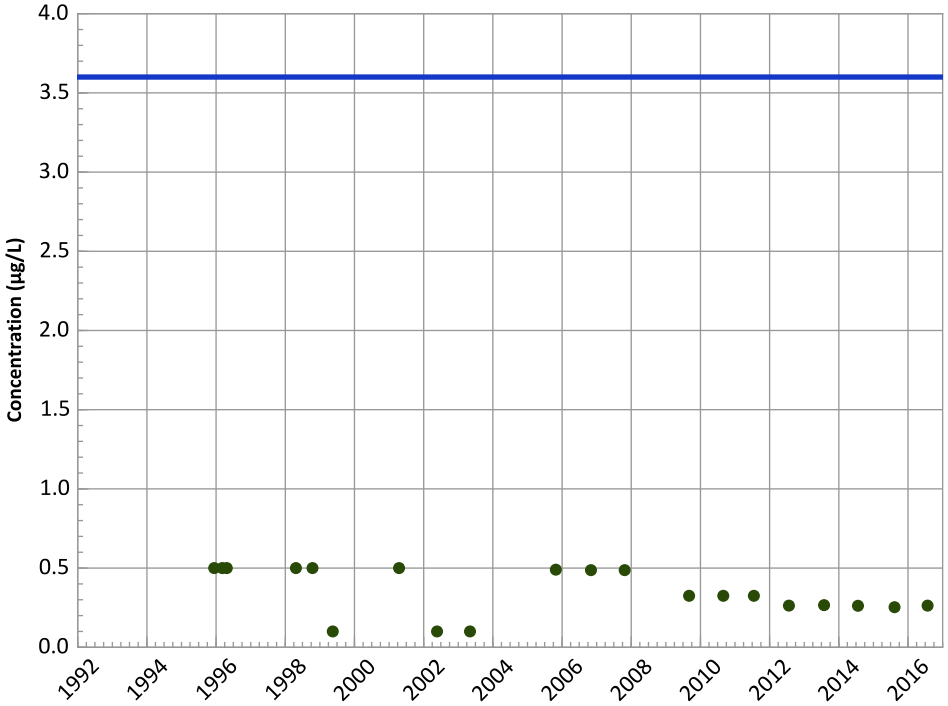
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

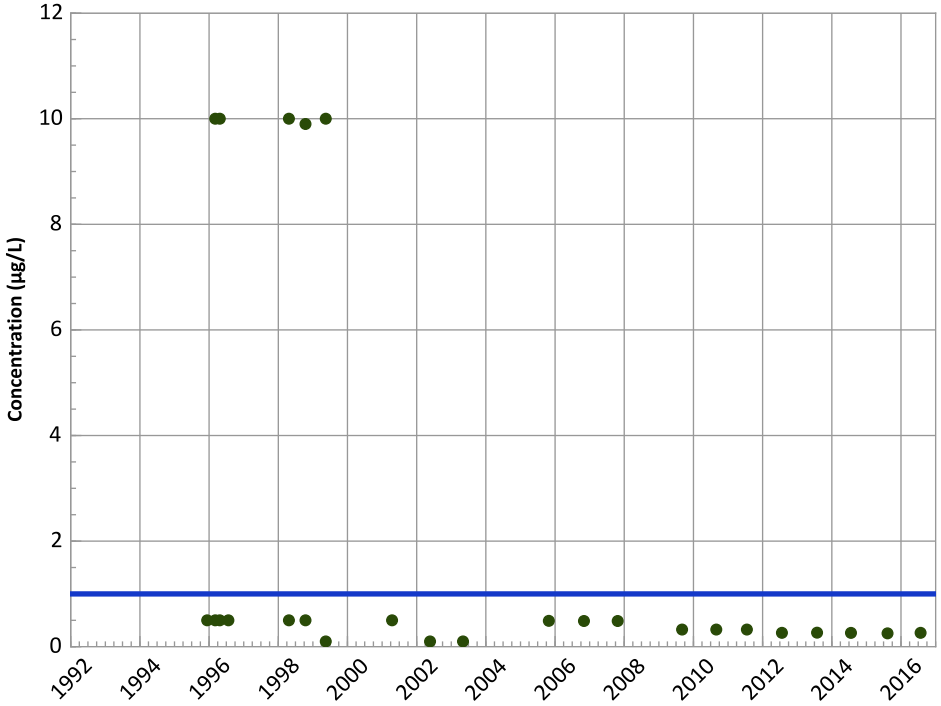


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

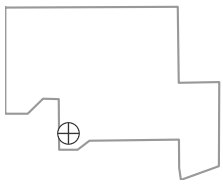
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/26/2016
Analysis Date: 03/07/2017

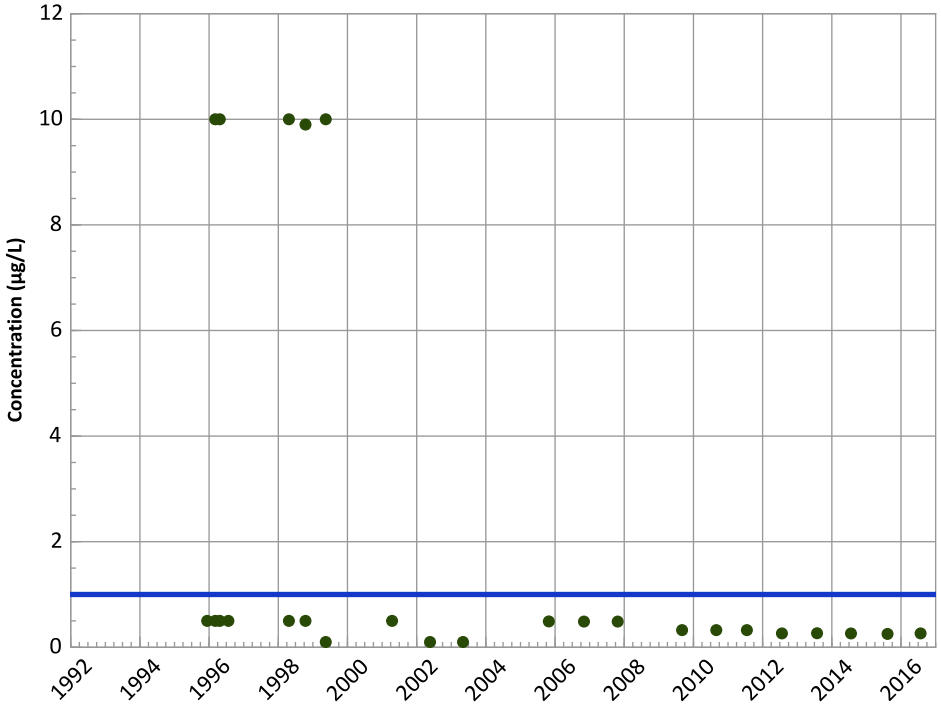
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

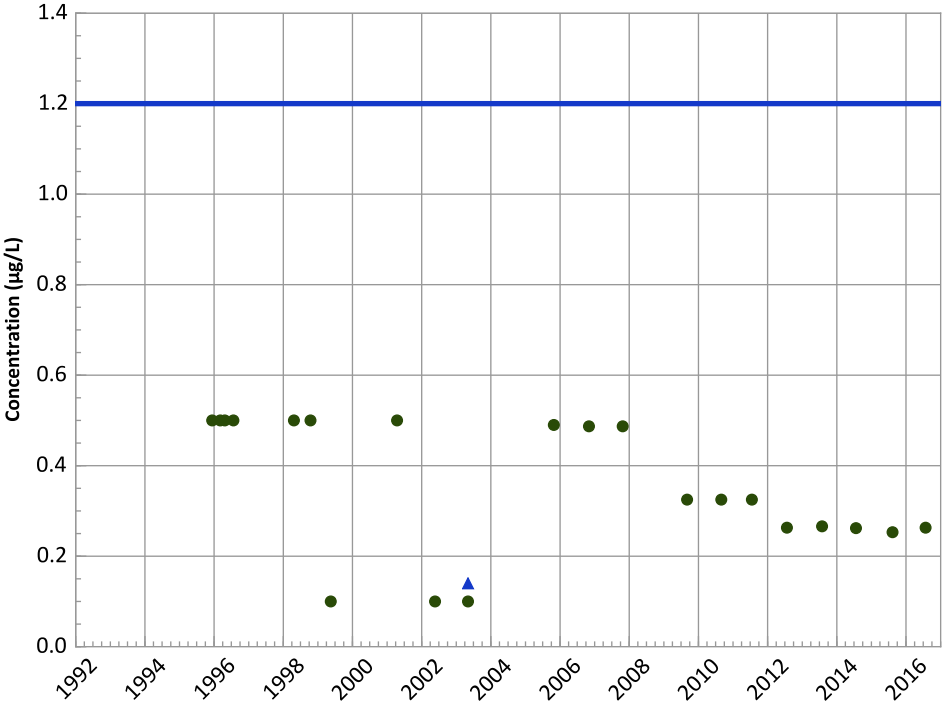


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

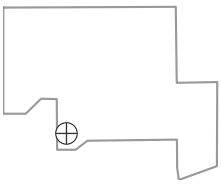
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/26/2016
Analysis Date: 03/07/2017

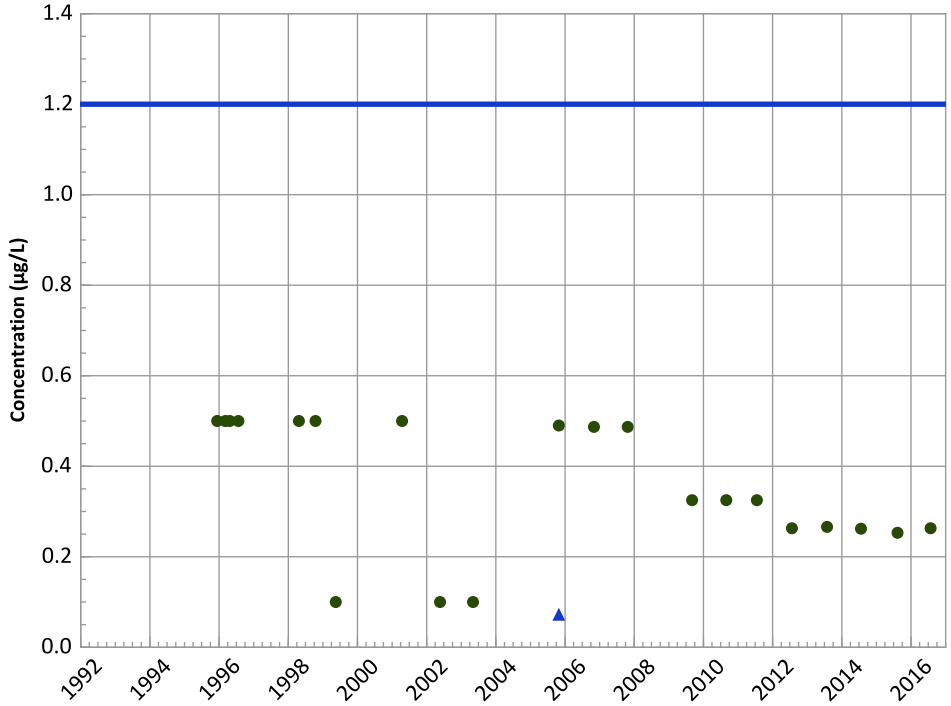
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

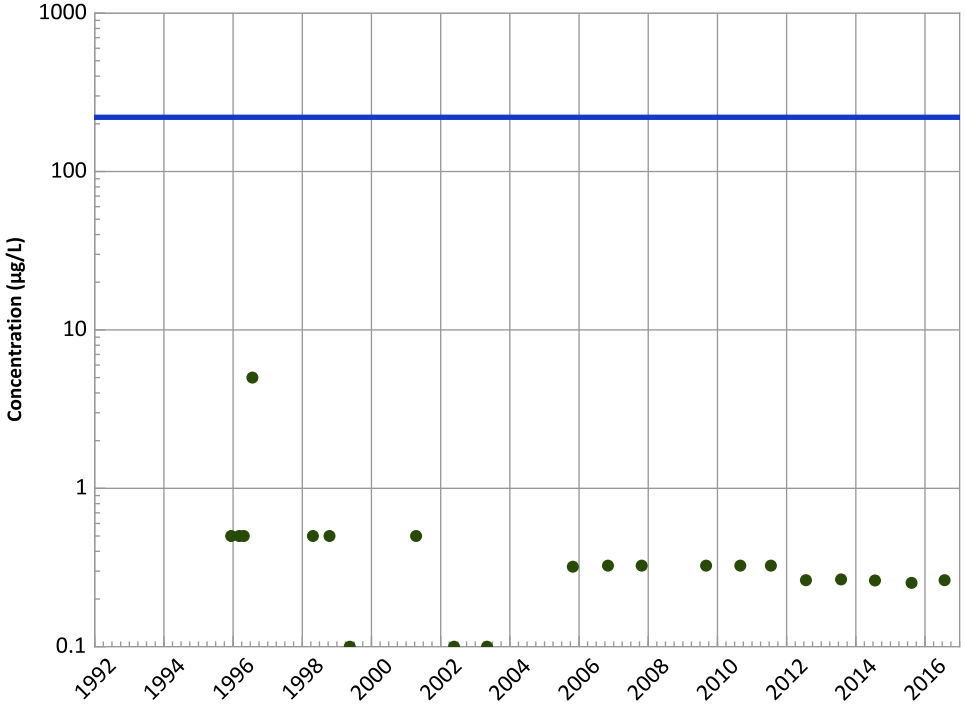


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

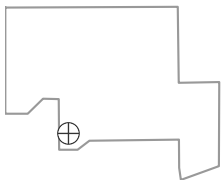
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/26/2016
Analysis Date: 03/07/2017

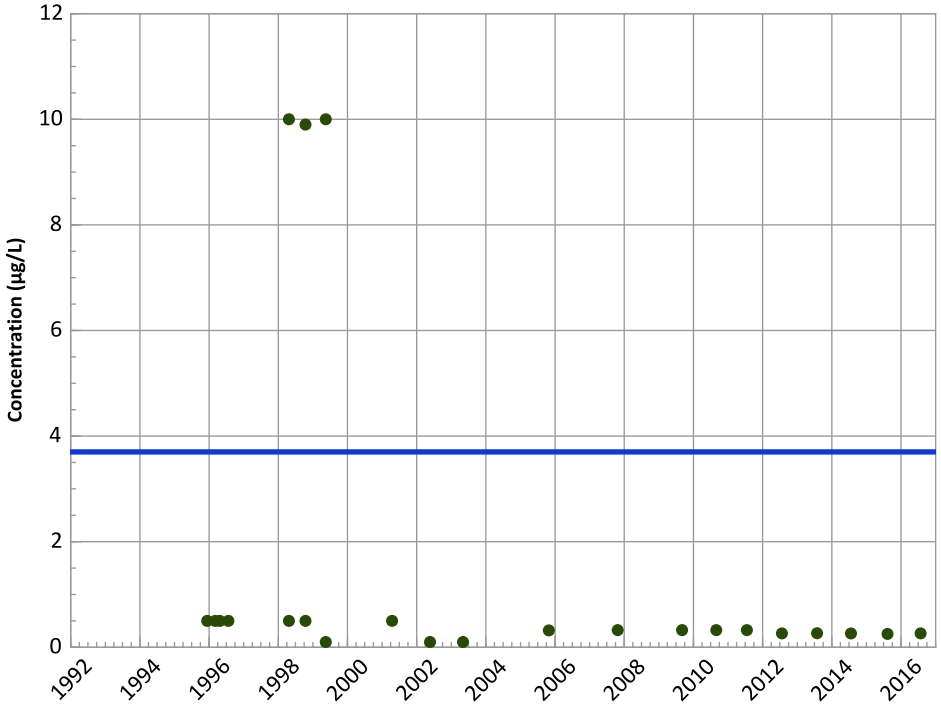
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

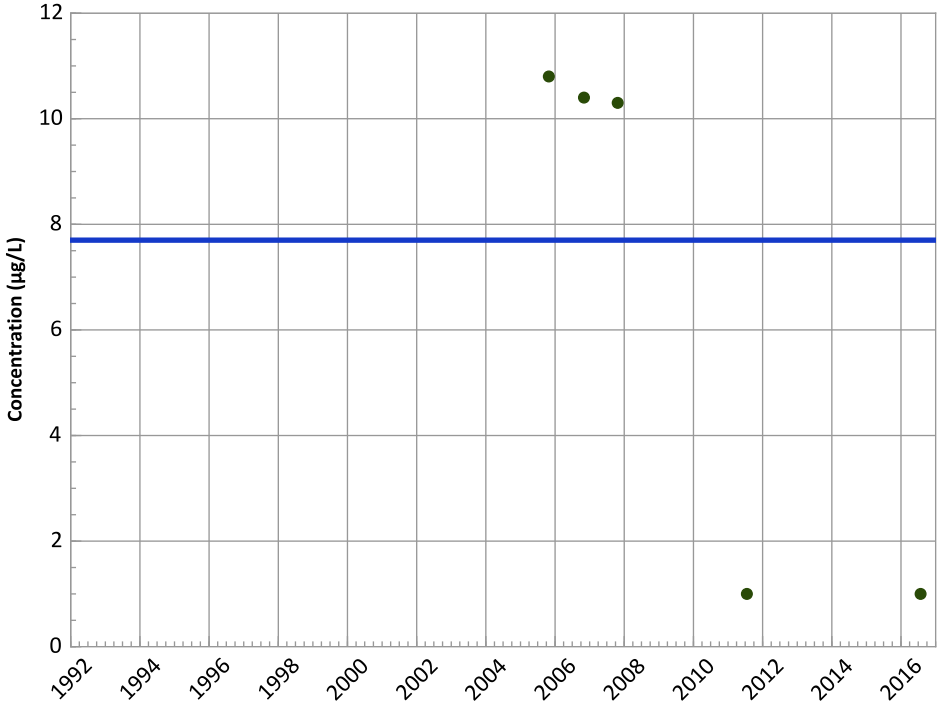


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

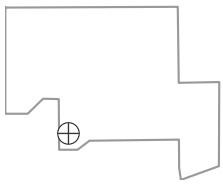
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/26/2016
Analysis Date: 03/07/2017

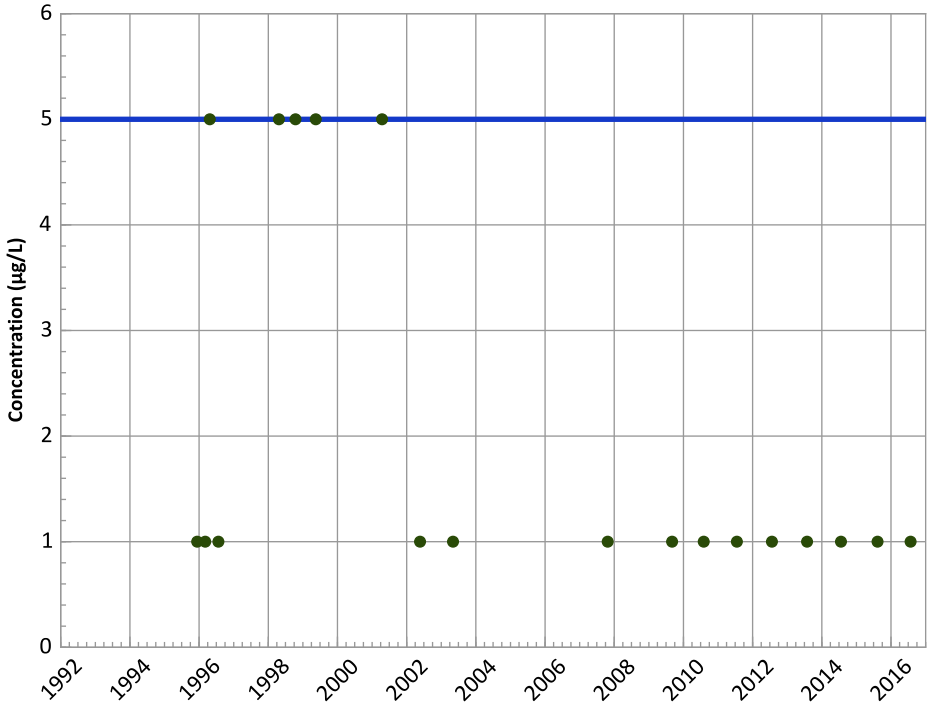
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

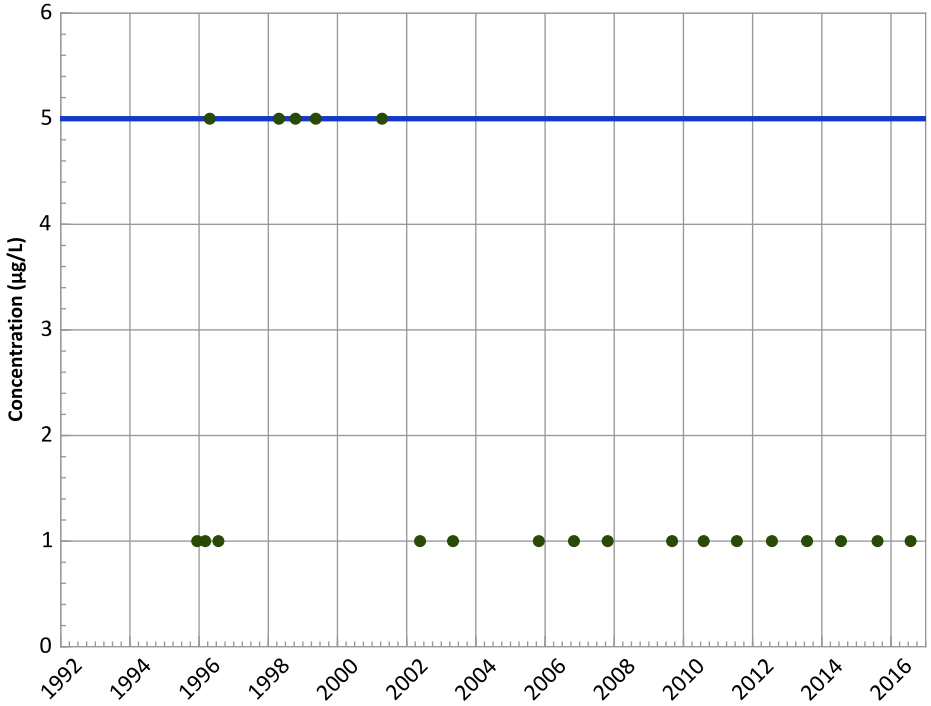


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

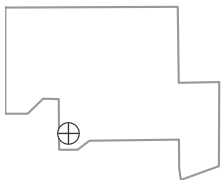
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/26/2016
Analysis Date: 03/07/2017

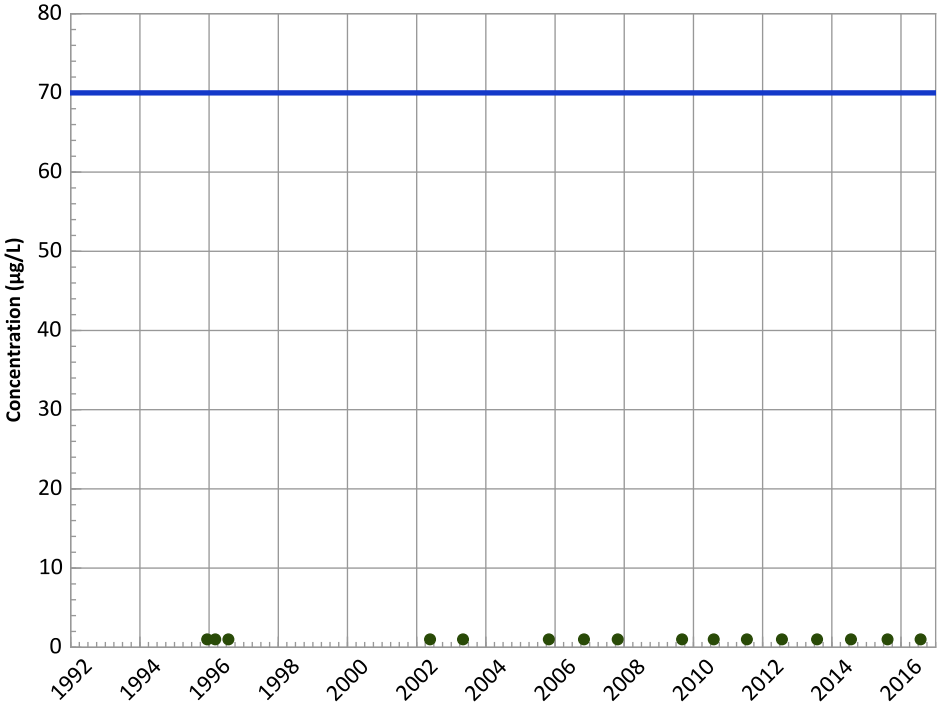
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

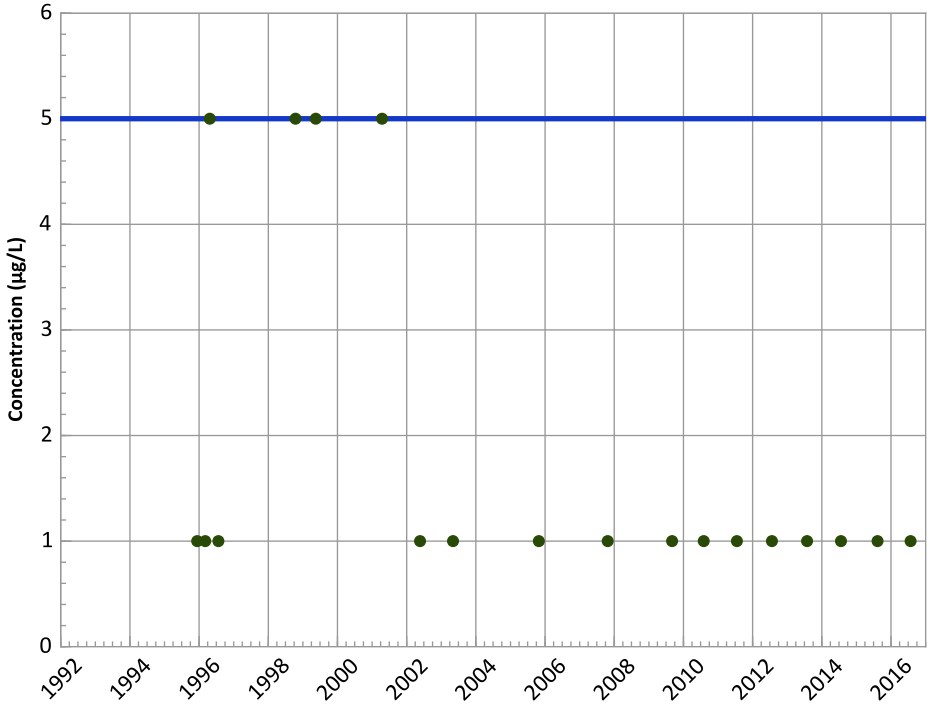


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

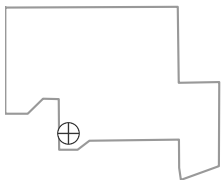
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/26/2016
Analysis Date: 03/07/2017

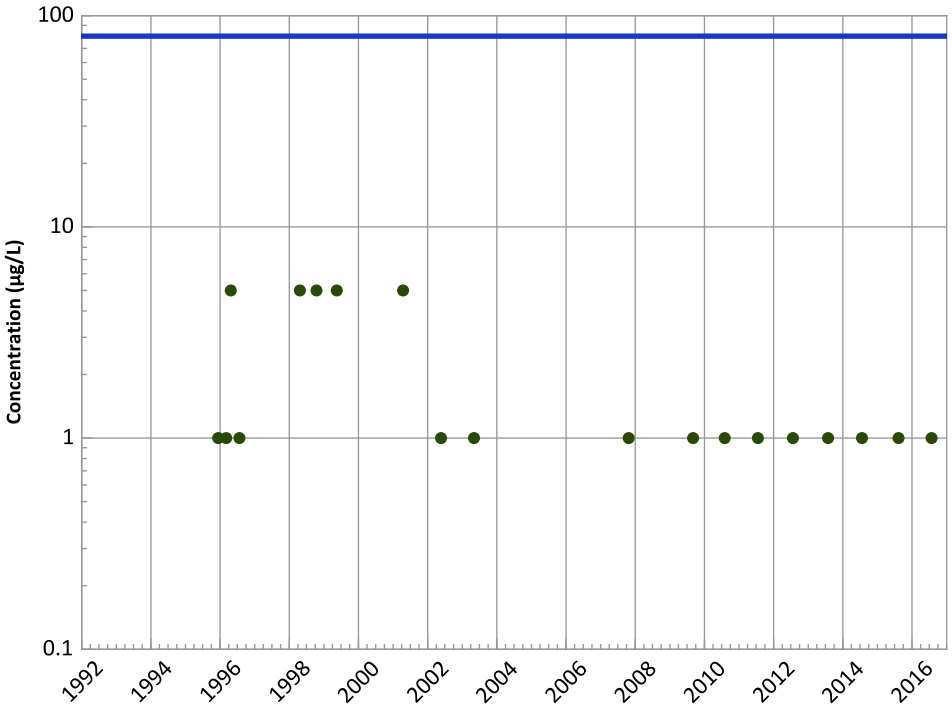
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

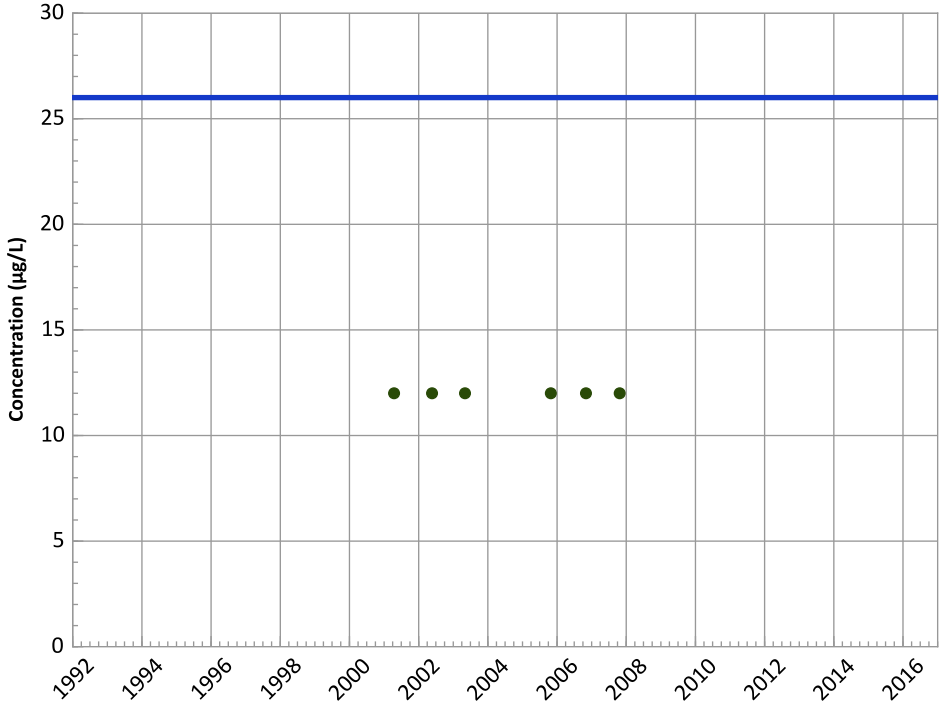


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

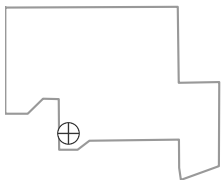
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/26/2016
Analysis Date: 03/07/2017

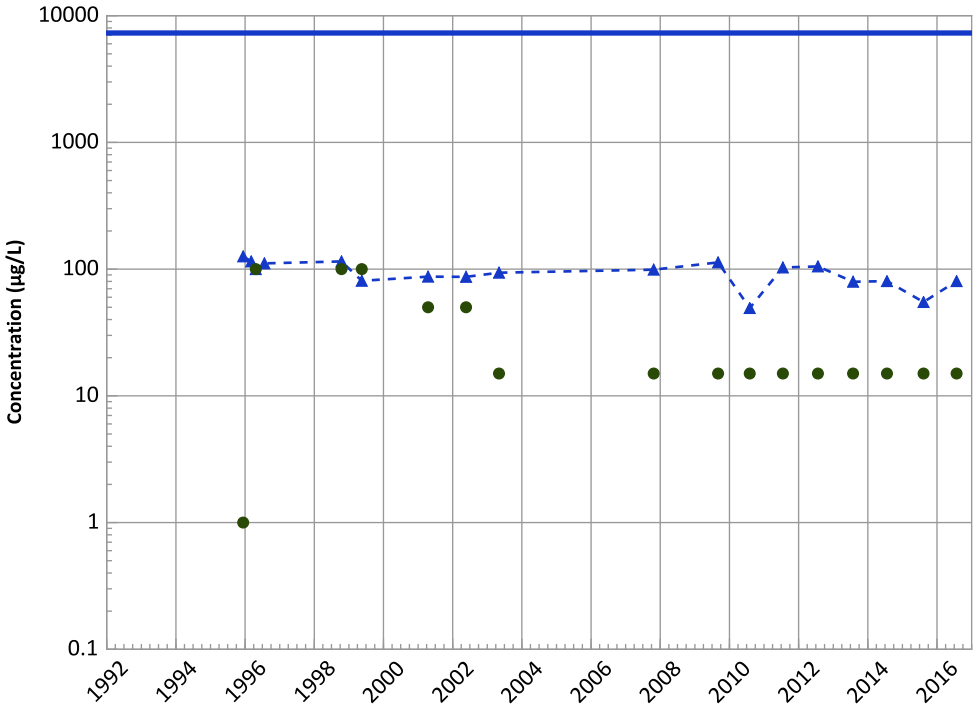
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

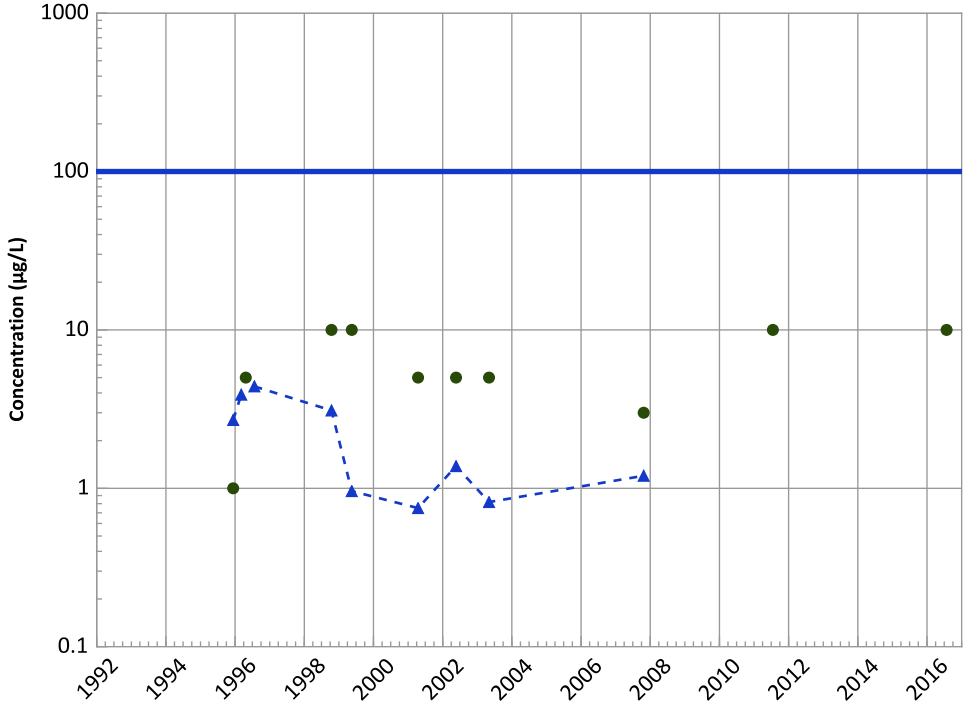


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

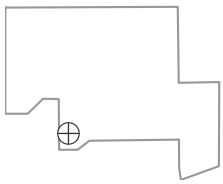
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/26/2016
Analysis Date: 03/07/2017

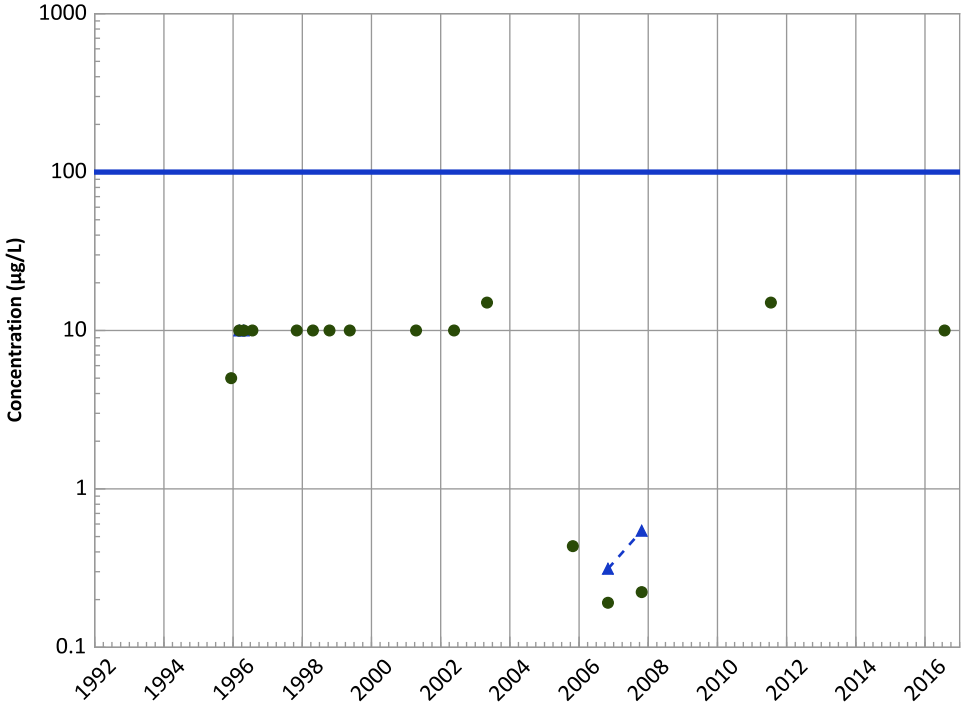
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

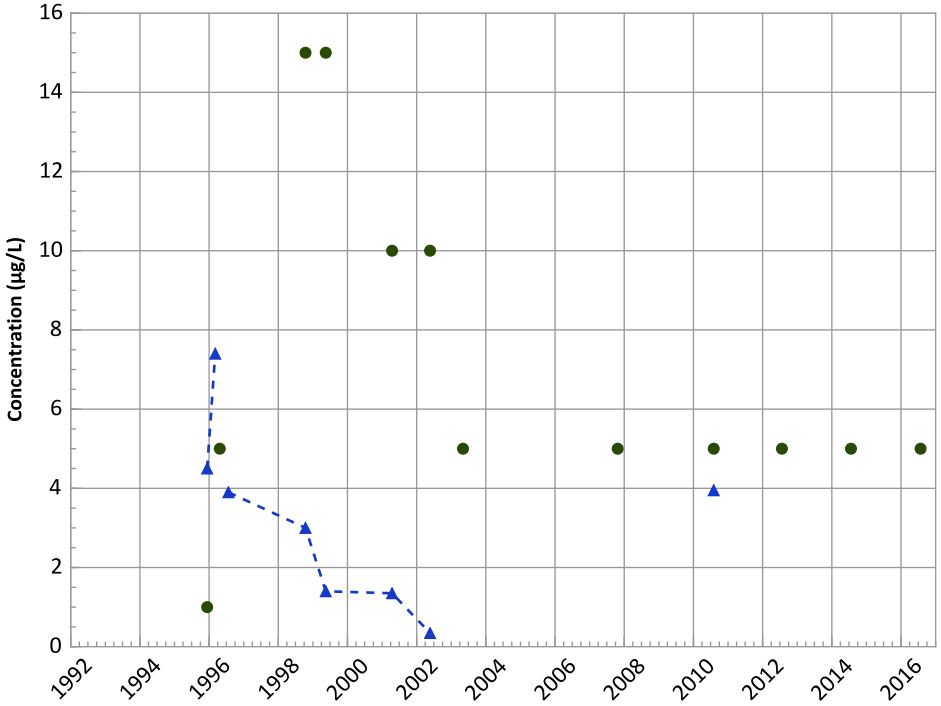


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Manganese Trend



Concentration Trend

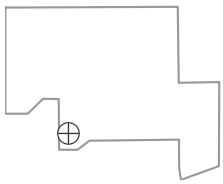
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/26/2016
Analysis Date: 03/07/2017

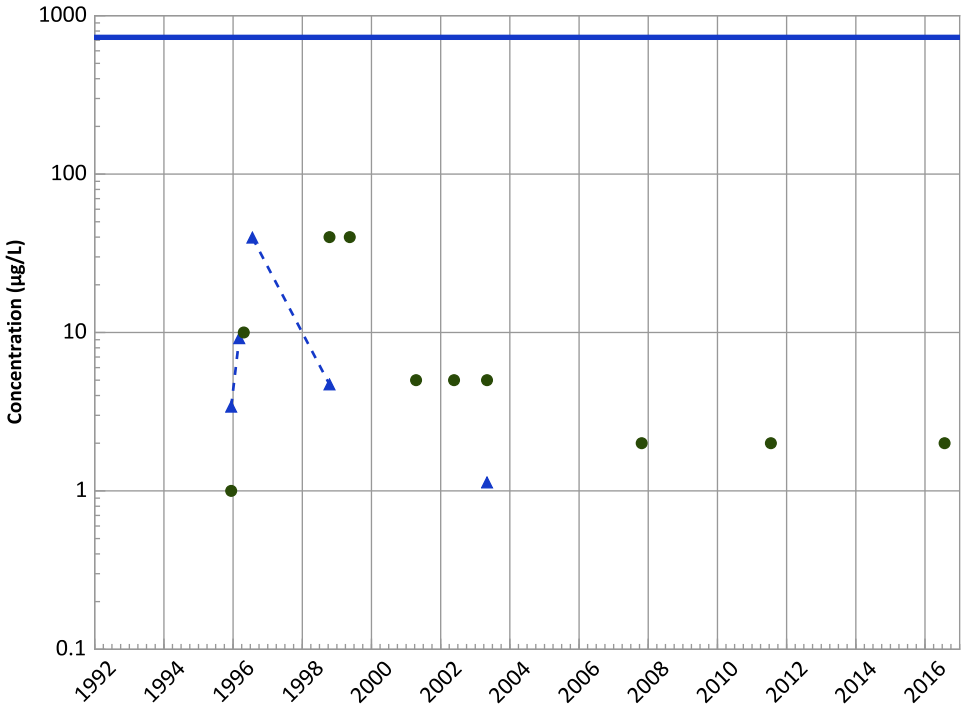
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

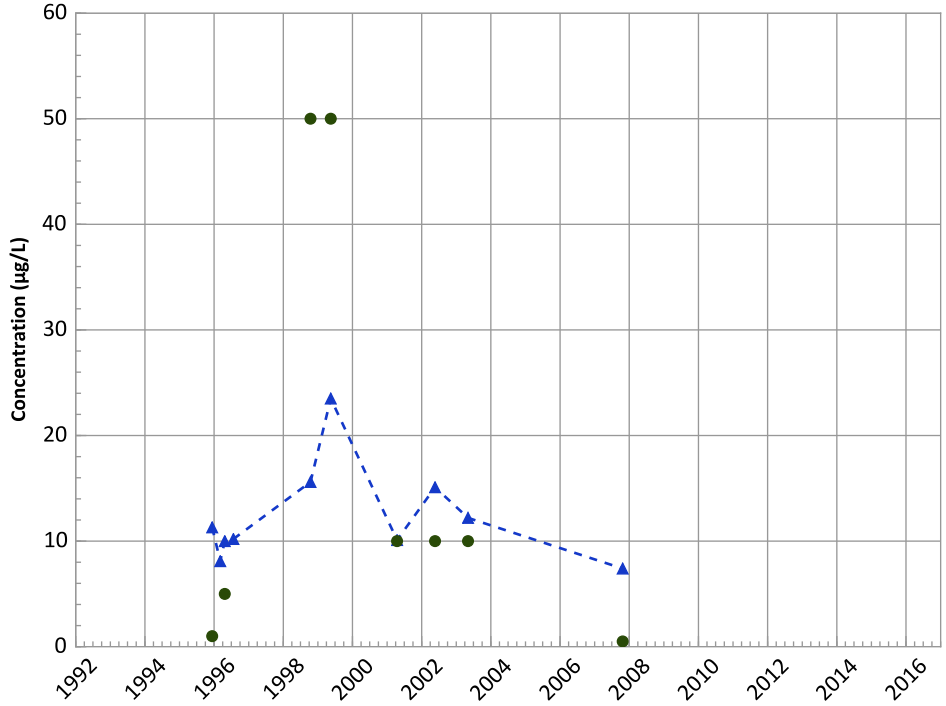


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Decreasing

Molybdenum Trend



Concentration Trend

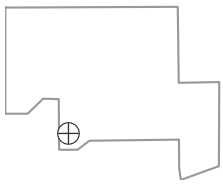
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/26/2016
Analysis Date: 03/07/2017

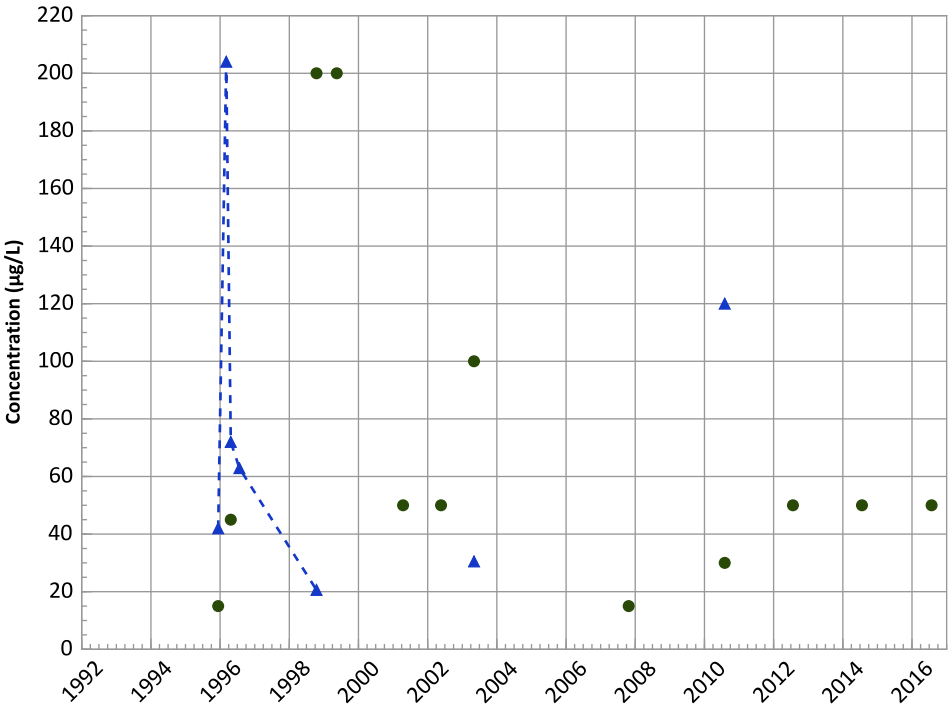
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

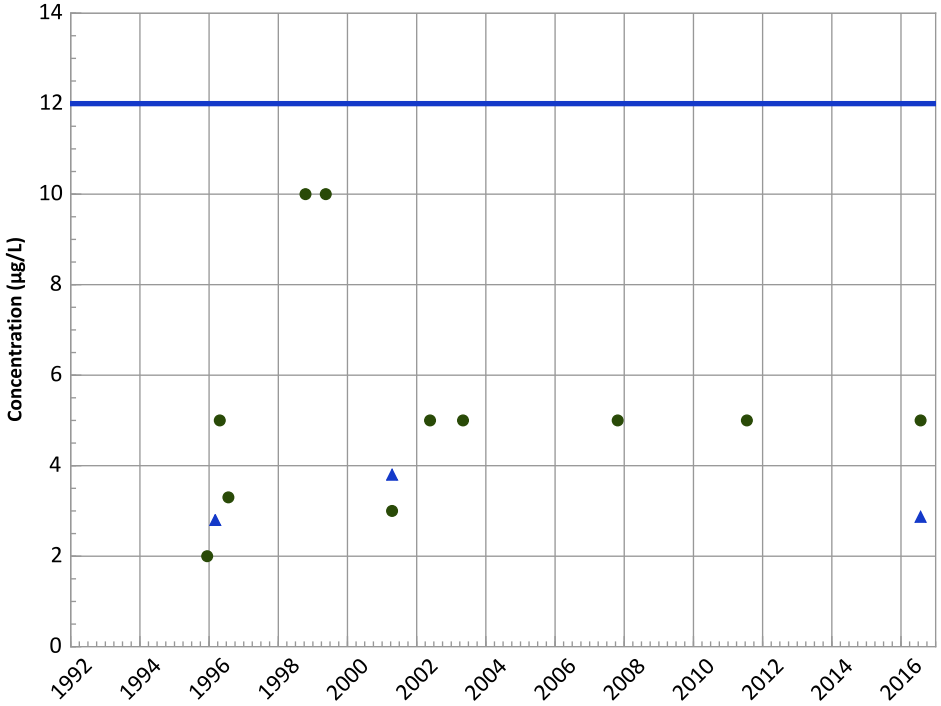


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Arsenic Trend



Concentration Trend

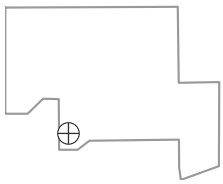
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/26/2016
Analysis Date: 03/07/2017

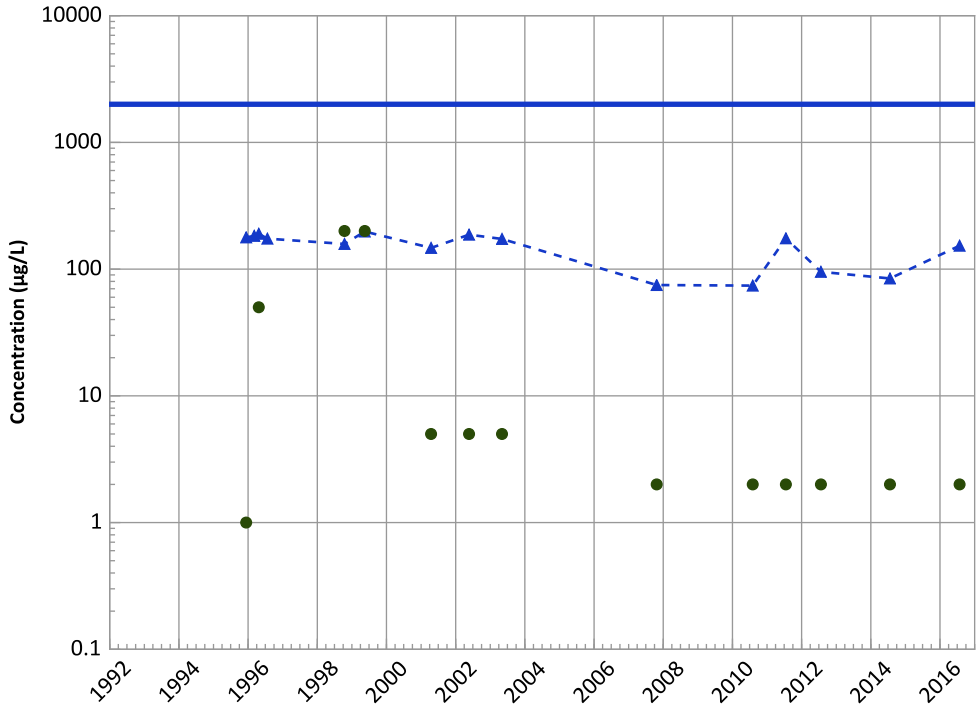
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

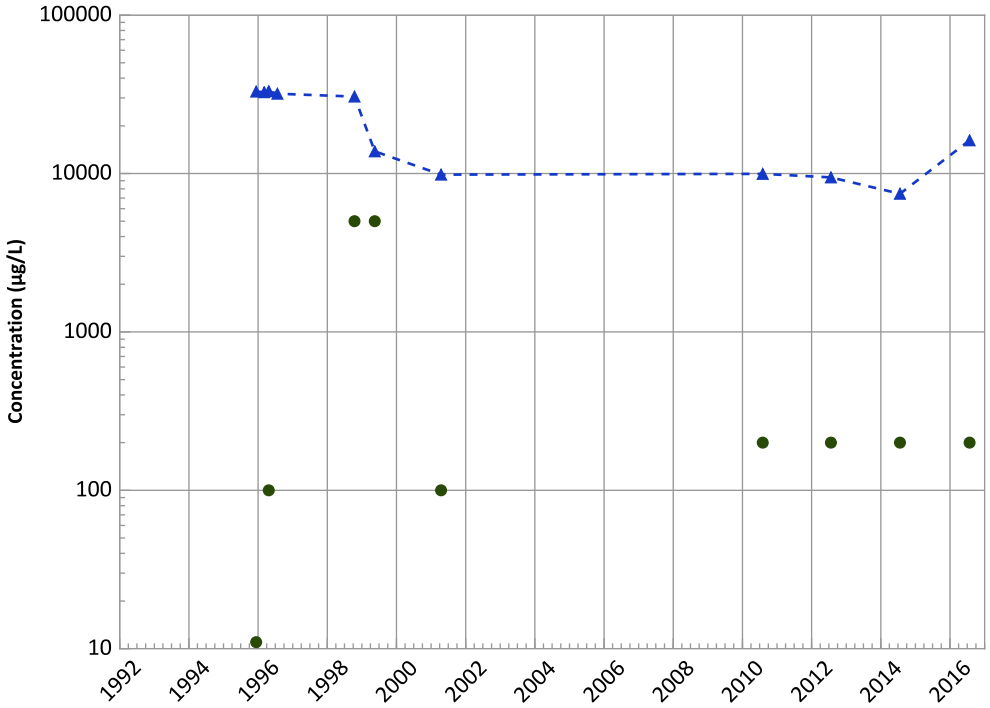


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Calcium Trend



Concentration Trend

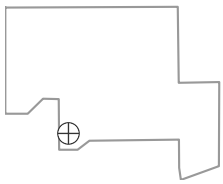
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/26/2016
Analysis Date: 03/07/2017

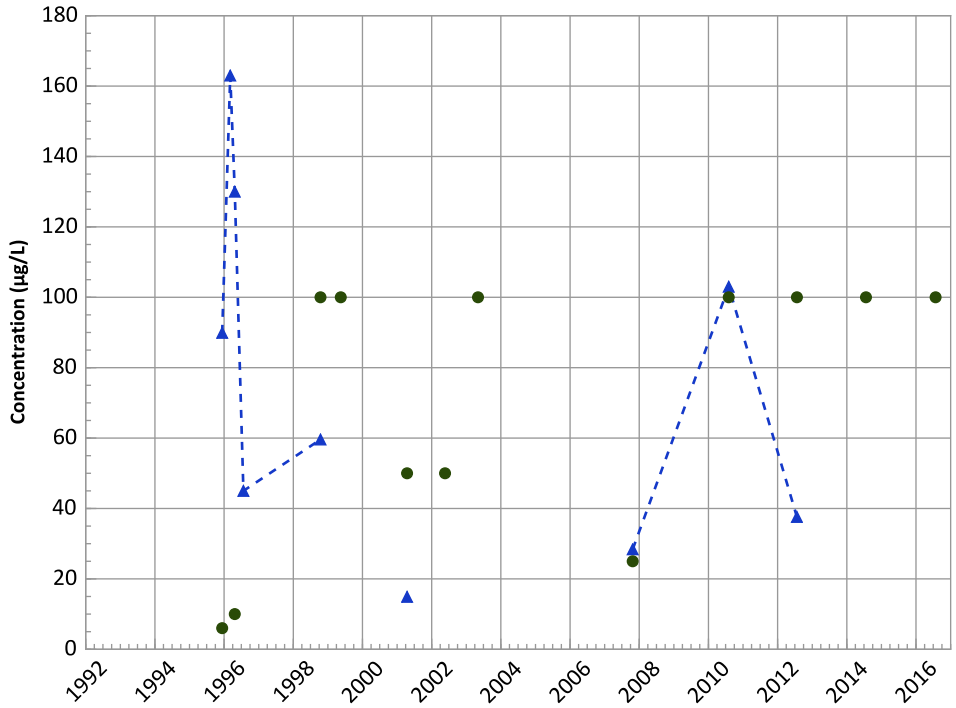
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

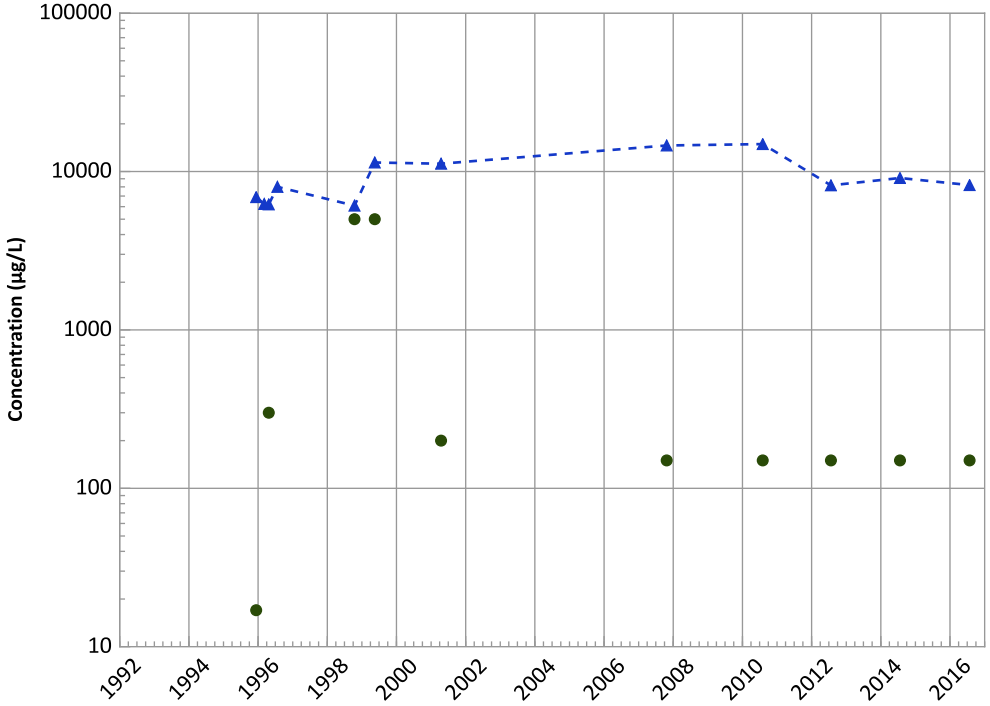


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Potassium Trend



Concentration Trend

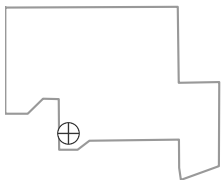
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/26/2016
Analysis Date: 03/07/2017

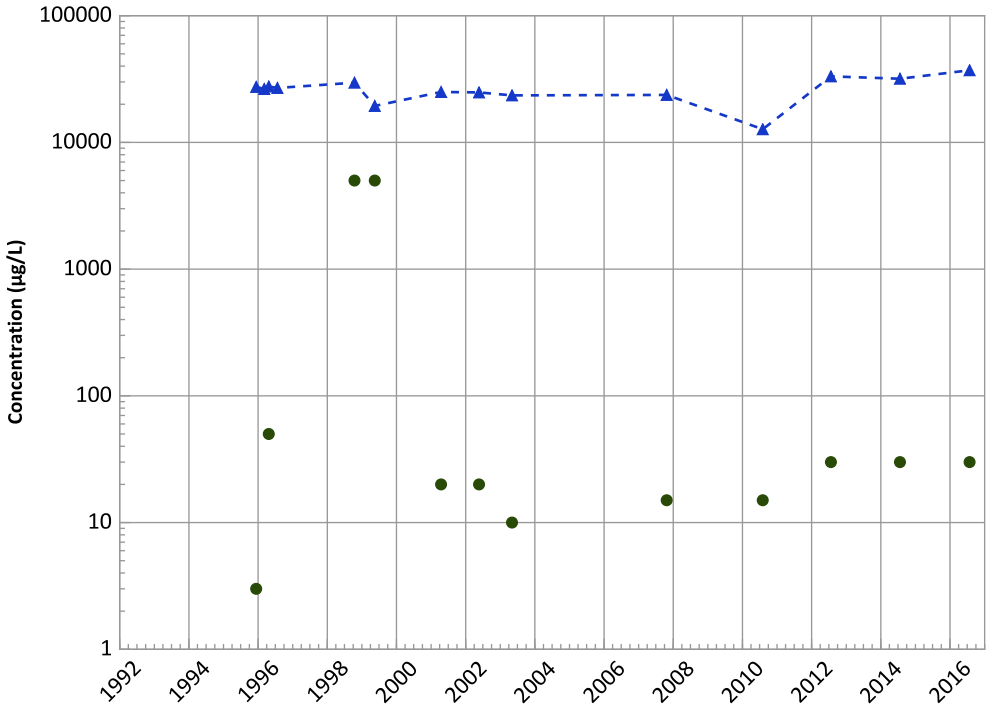
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

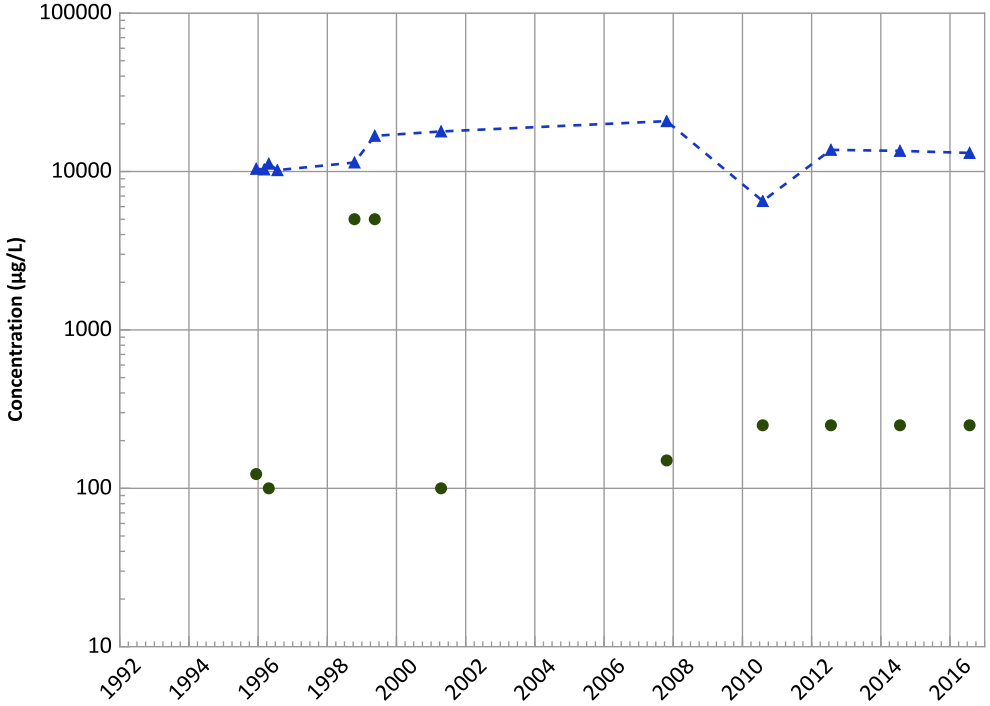


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
No Trend

Sodium Trend



Concentration Trend

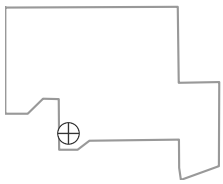
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

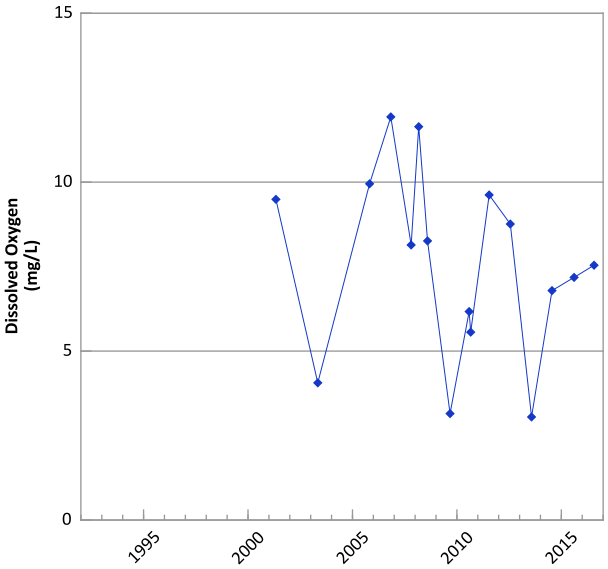
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/26/2016
Analysis Date: 03/07/2017

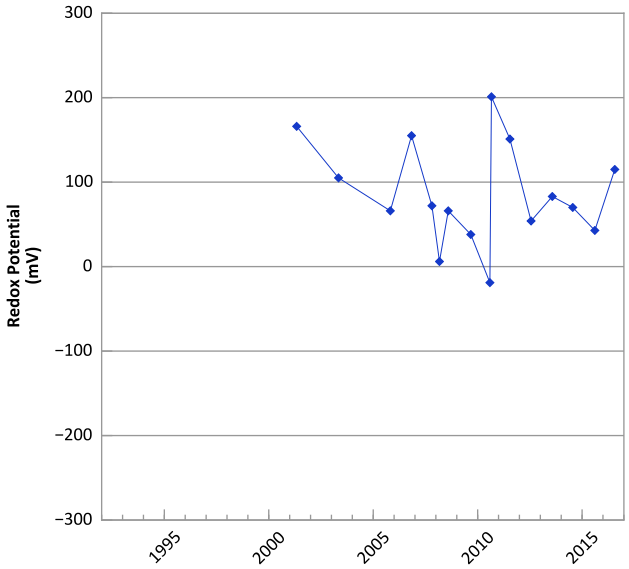
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

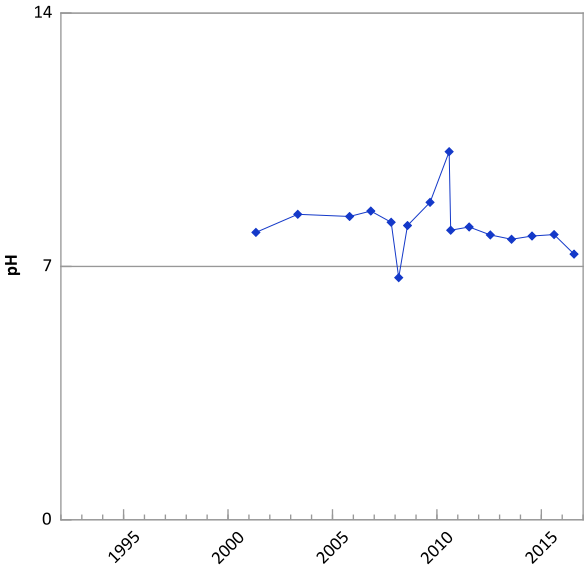
Well Location

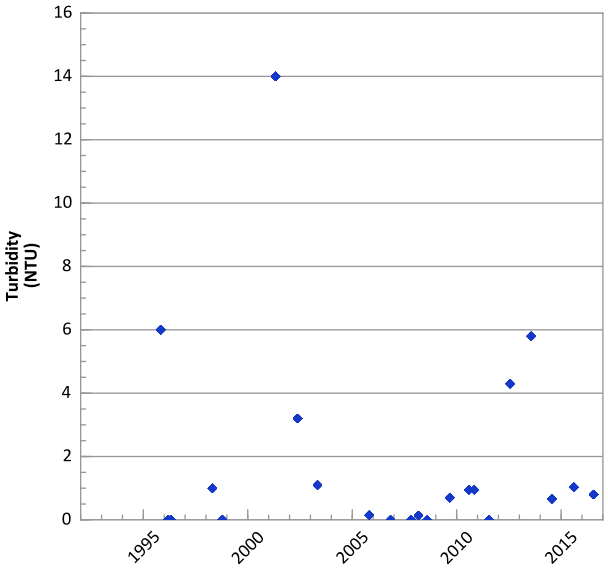


PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



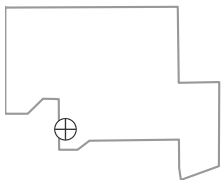






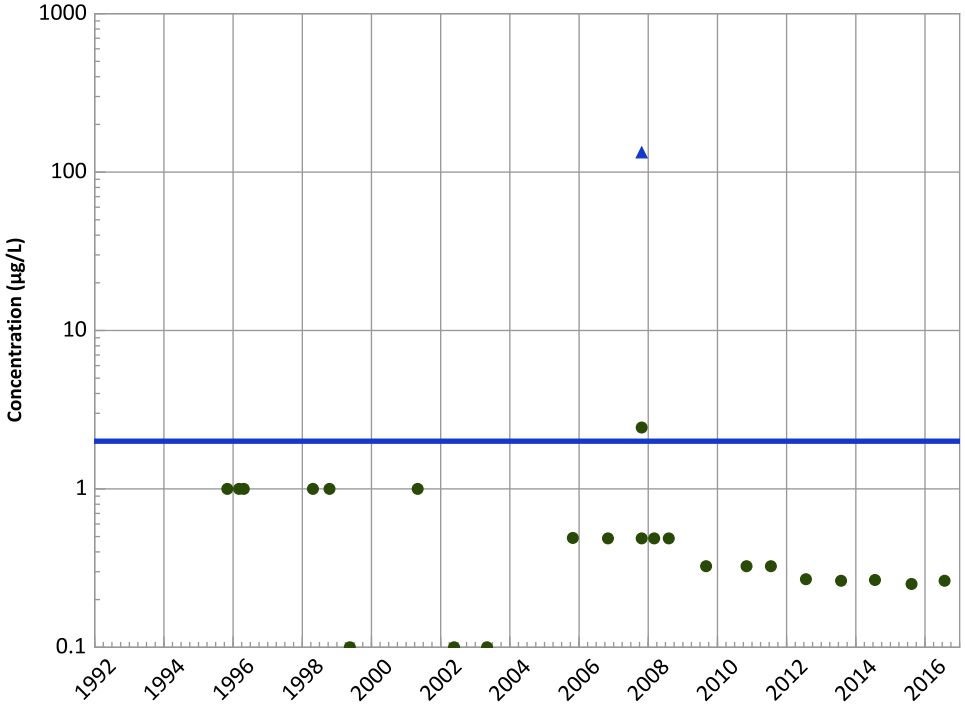
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/26/2016
Analysis Date: 03/07/2017

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

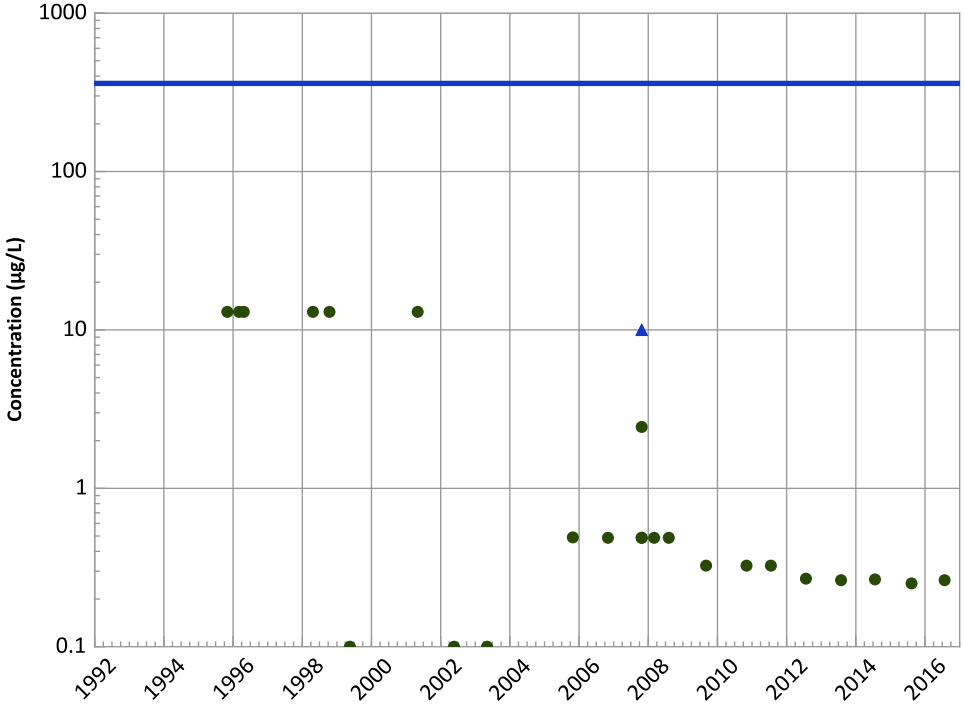


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

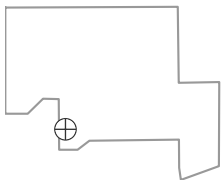
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/26/2016
Analysis Date: 03/07/2017

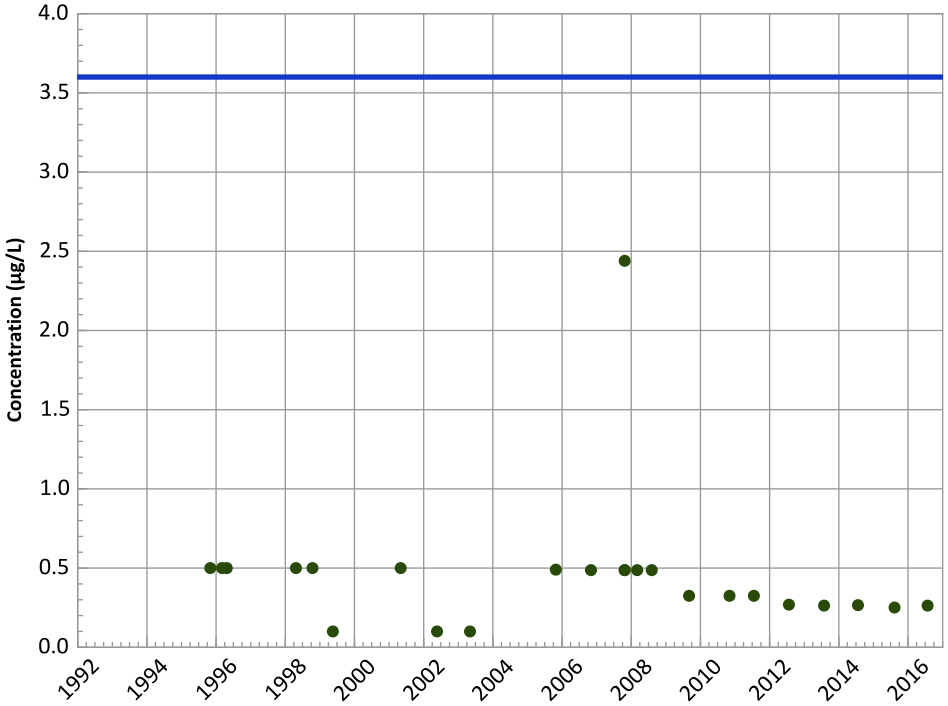
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

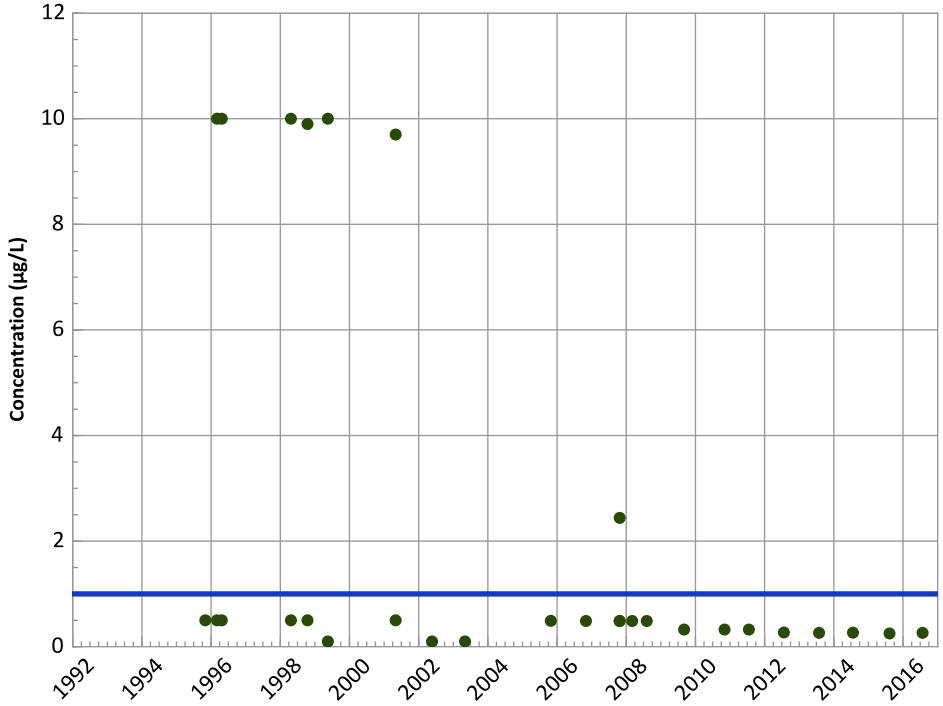


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

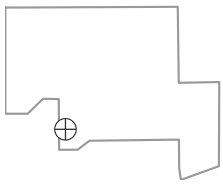
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/26/2016
Analysis Date: 03/07/2017

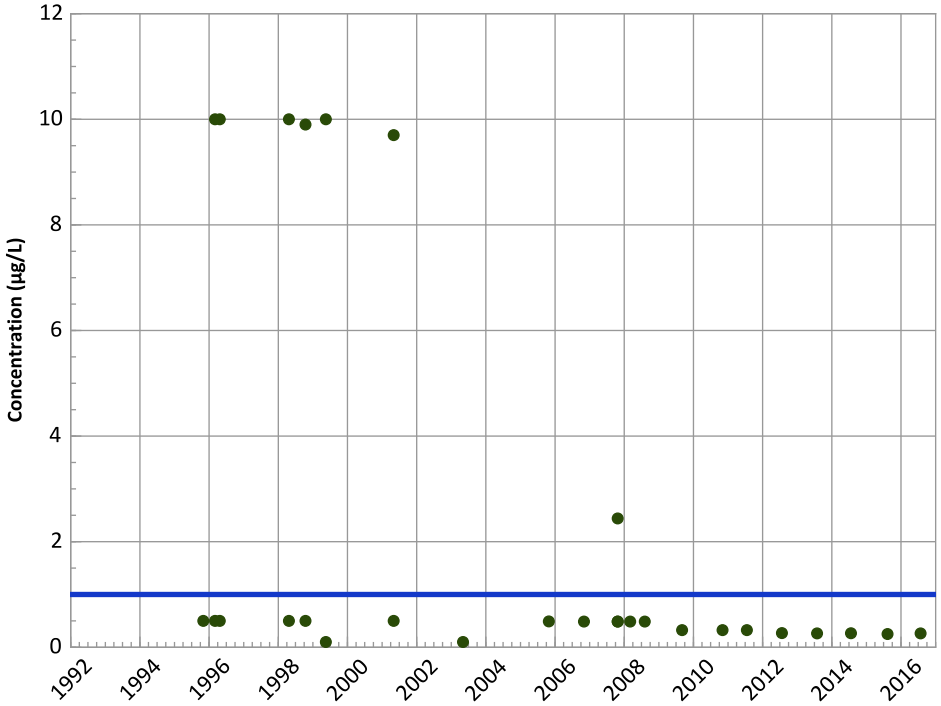
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

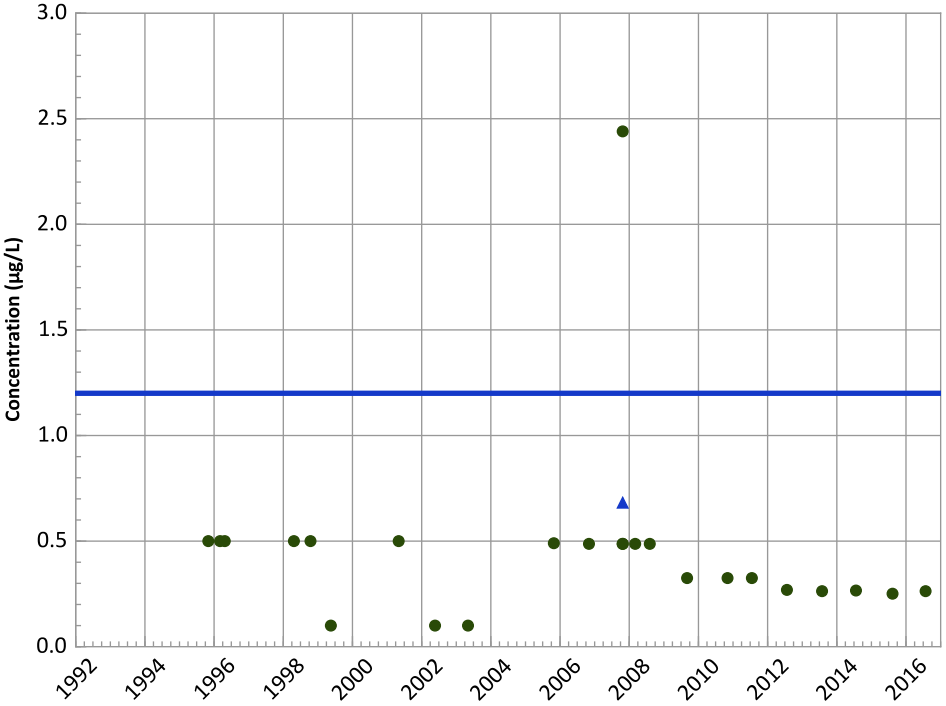


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

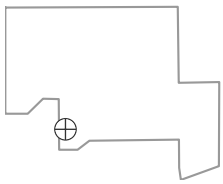
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/26/2016
Analysis Date: 03/07/2017

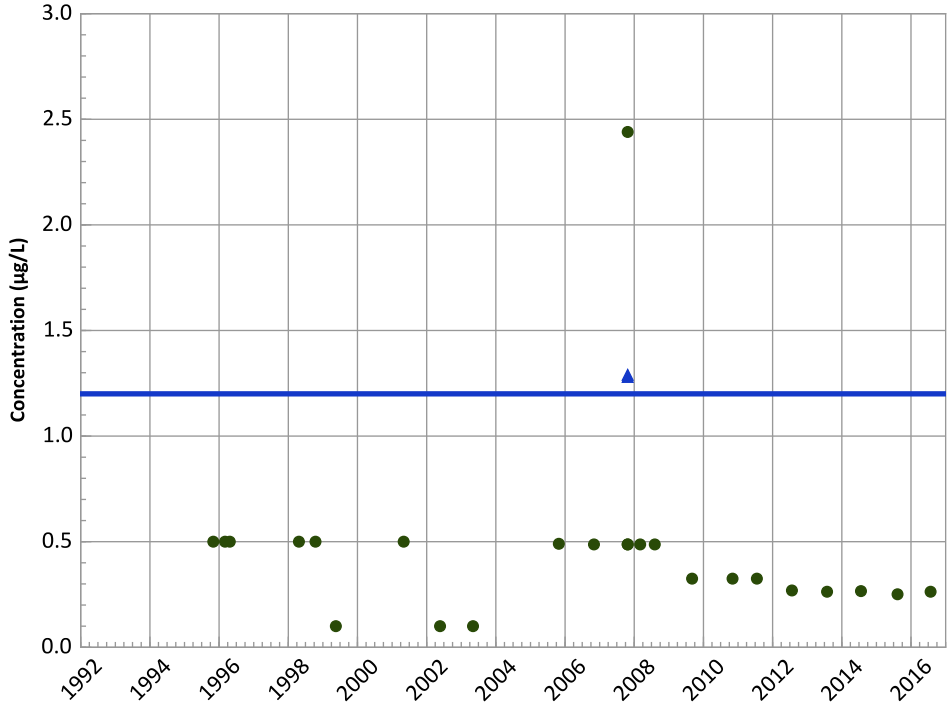
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

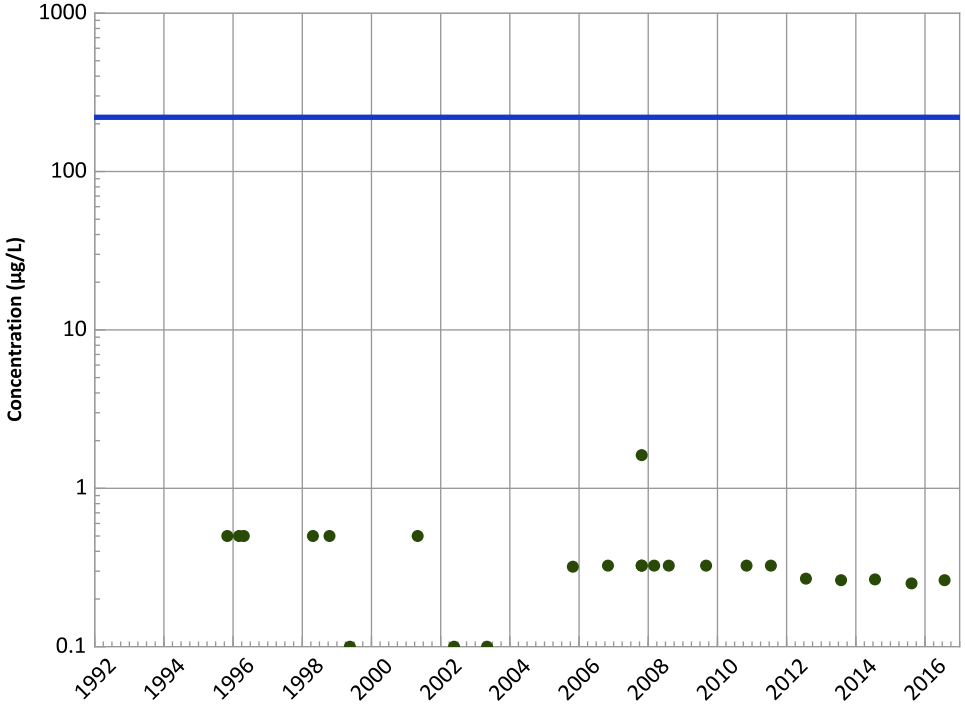


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

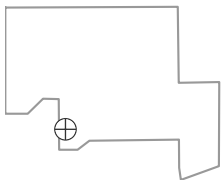
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/26/2016
Analysis Date: 03/07/2017

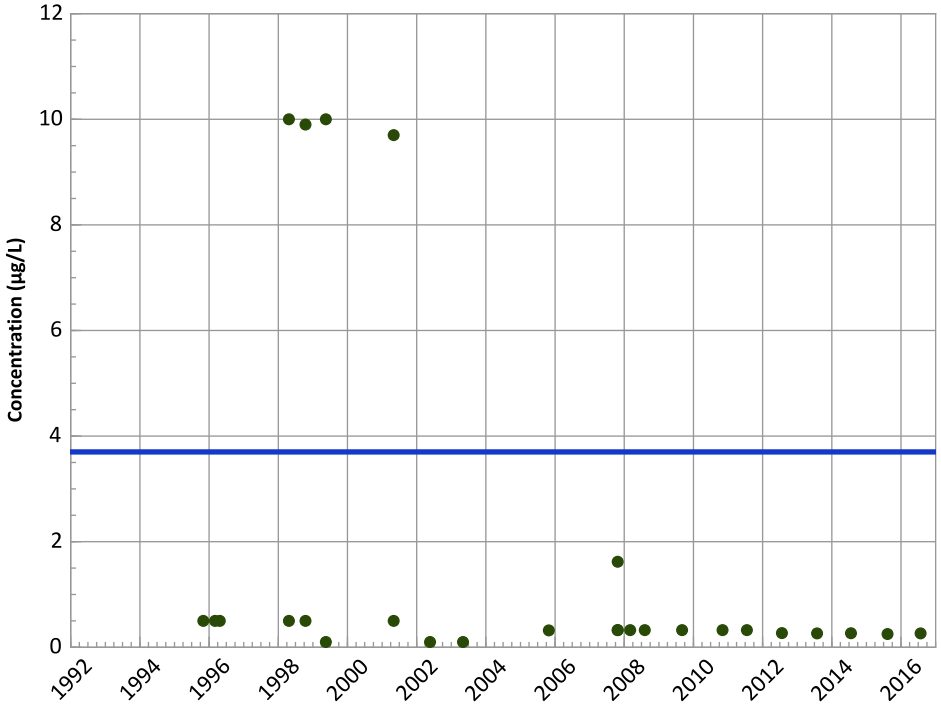
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

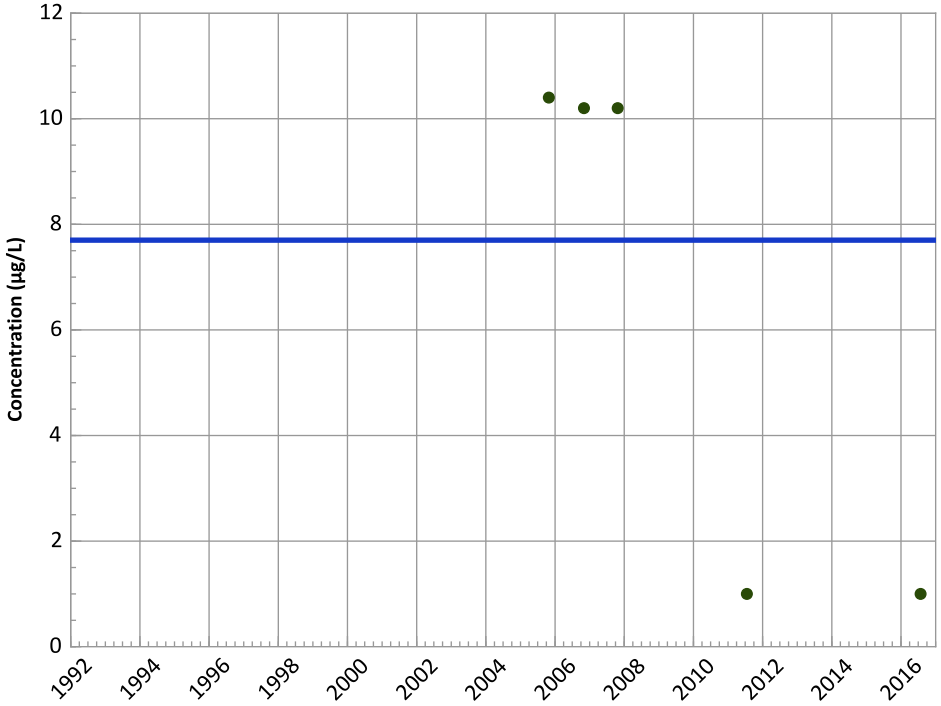


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

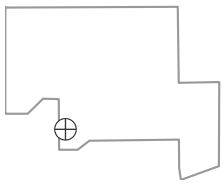
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/26/2016
Analysis Date: 03/07/2017

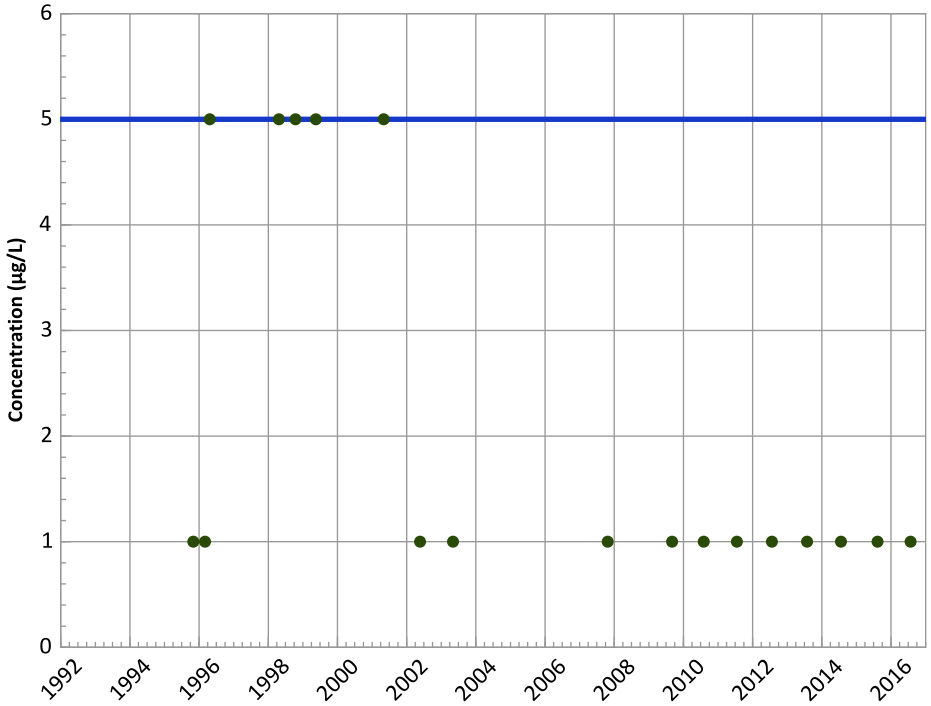
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

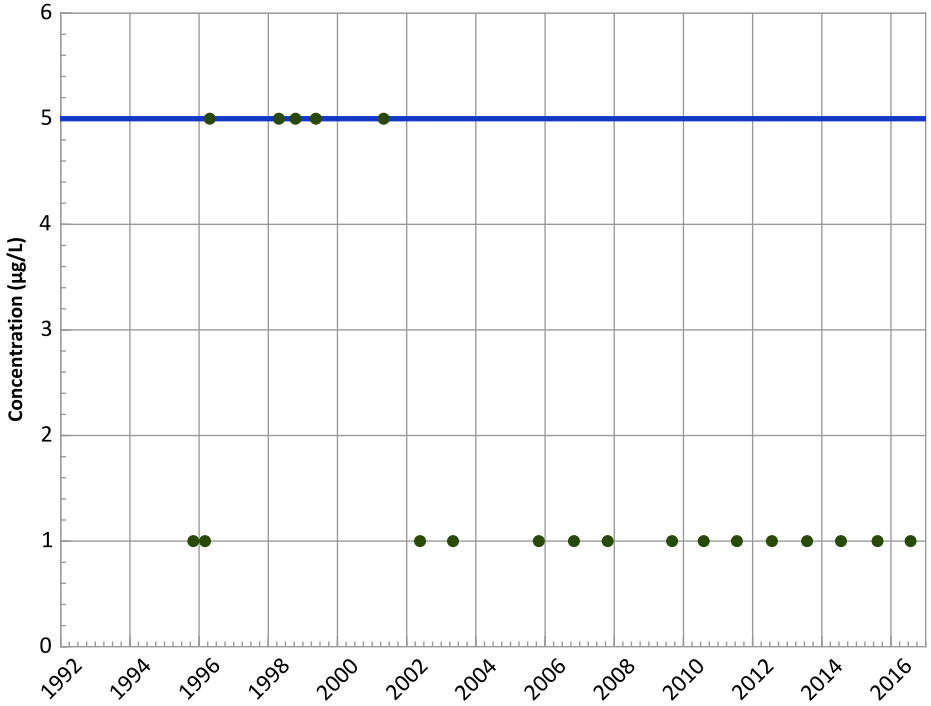


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

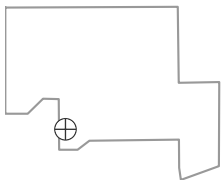
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/26/2016
Analysis Date: 03/07/2017

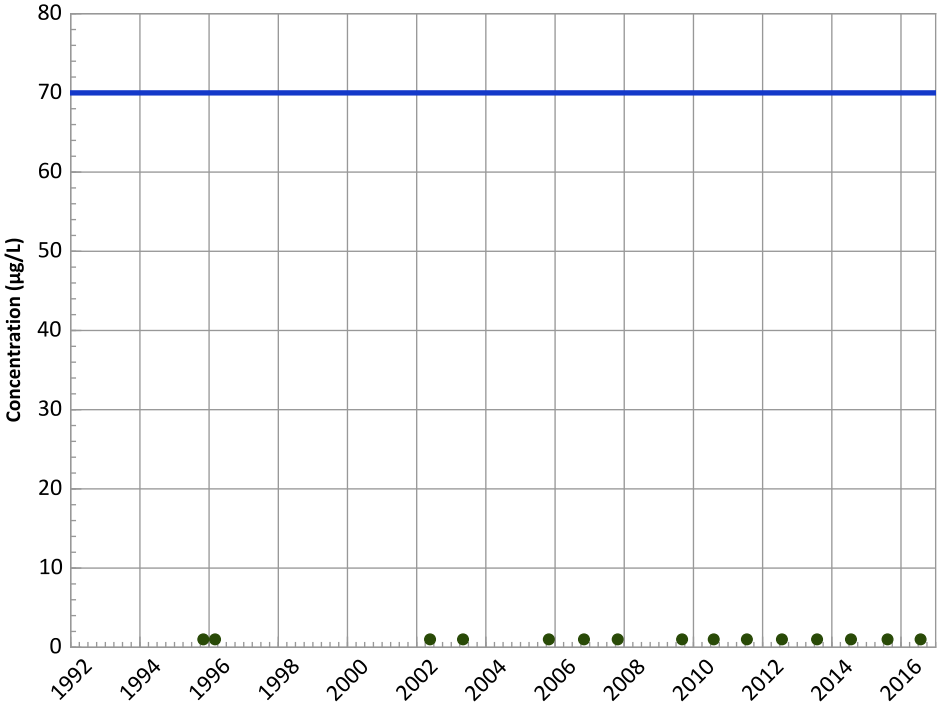
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

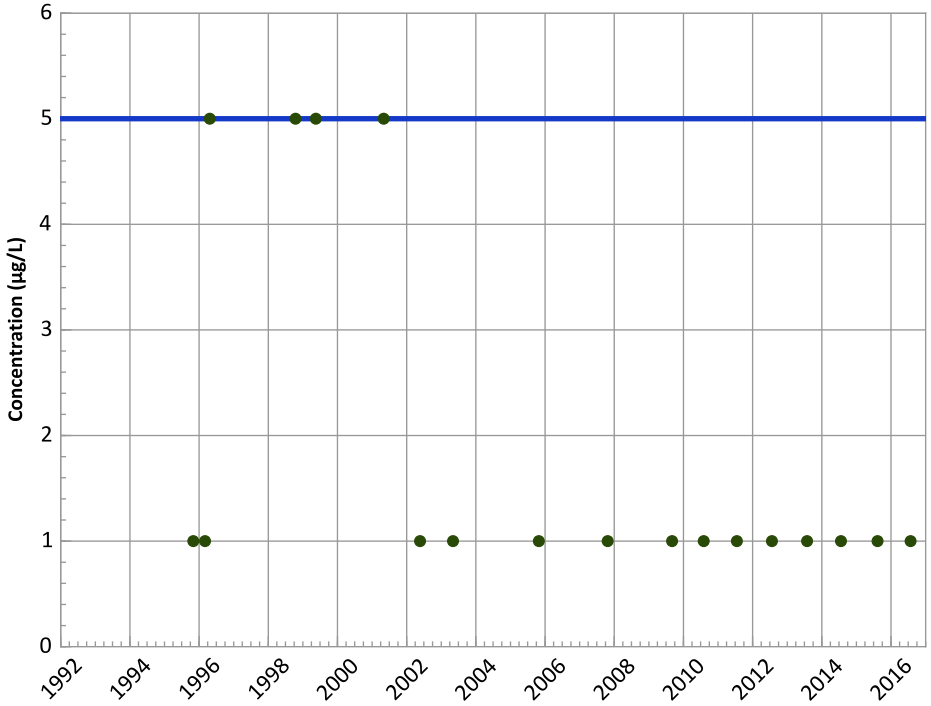


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

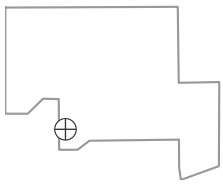
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/26/2016
Analysis Date: 03/07/2017

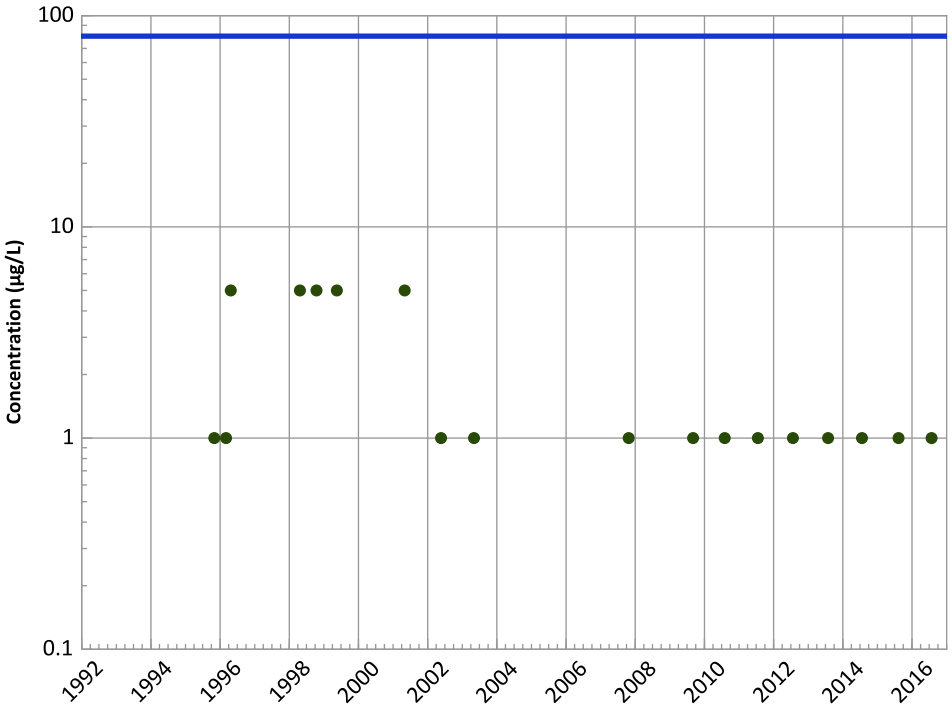
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

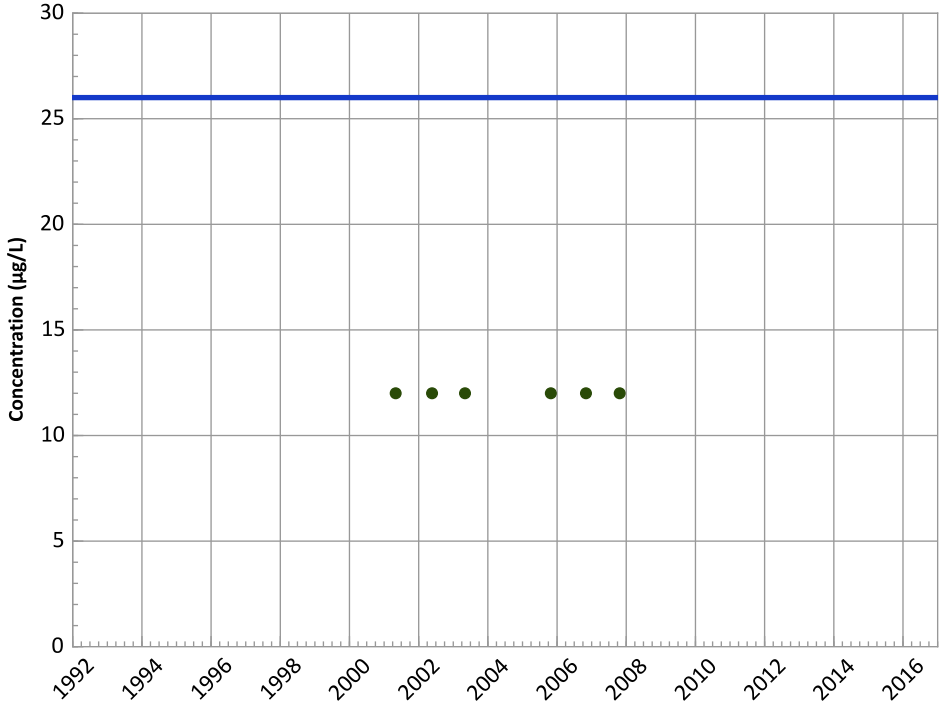


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

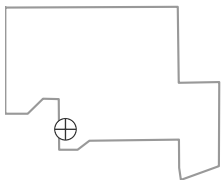
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/26/2016
Analysis Date: 03/07/2017

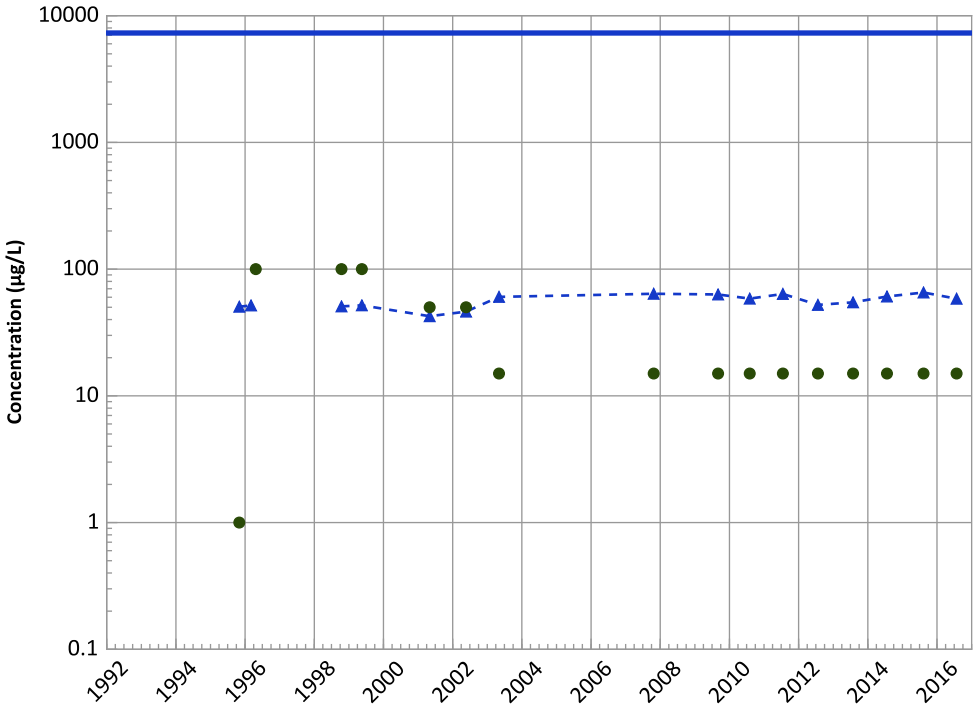
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

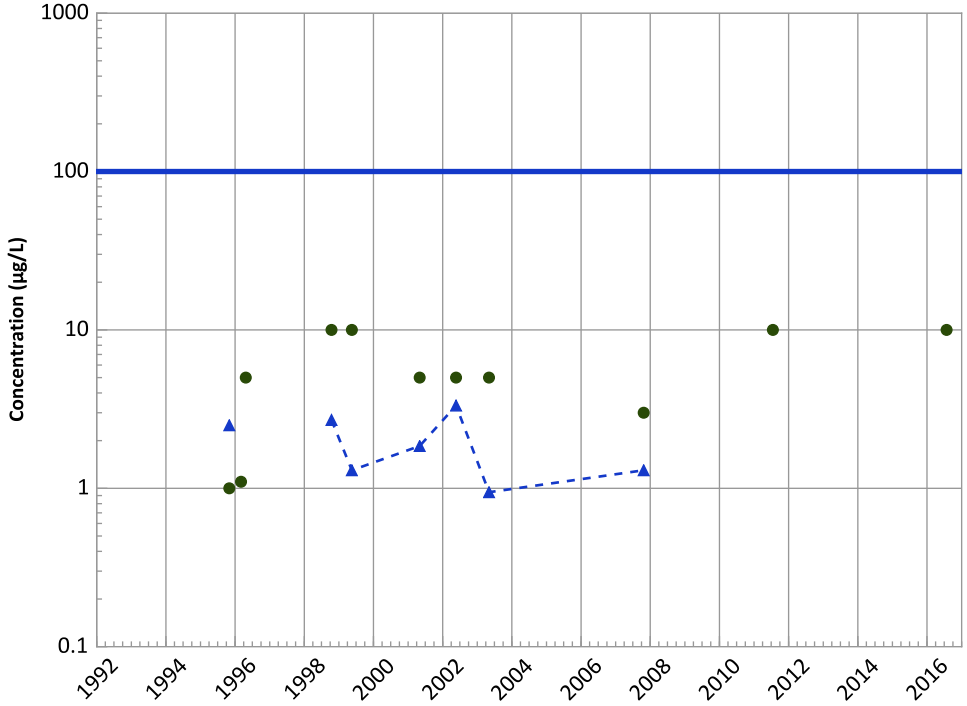


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Chromium, Total Trend



Concentration Trend

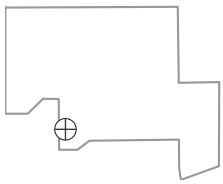
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/26/2016
Analysis Date: 03/07/2017

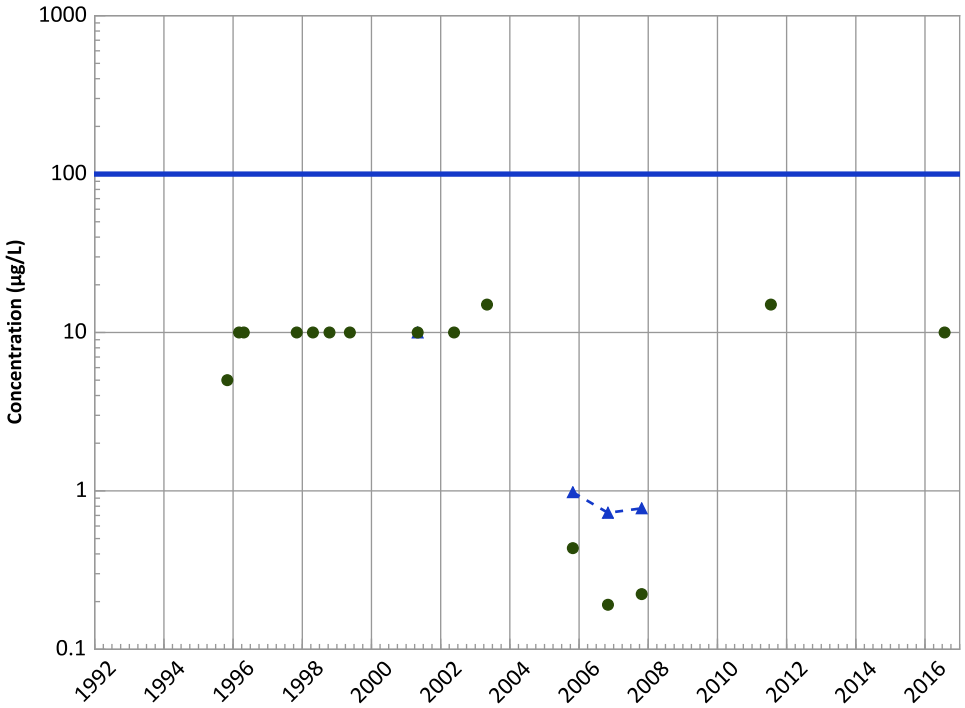
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

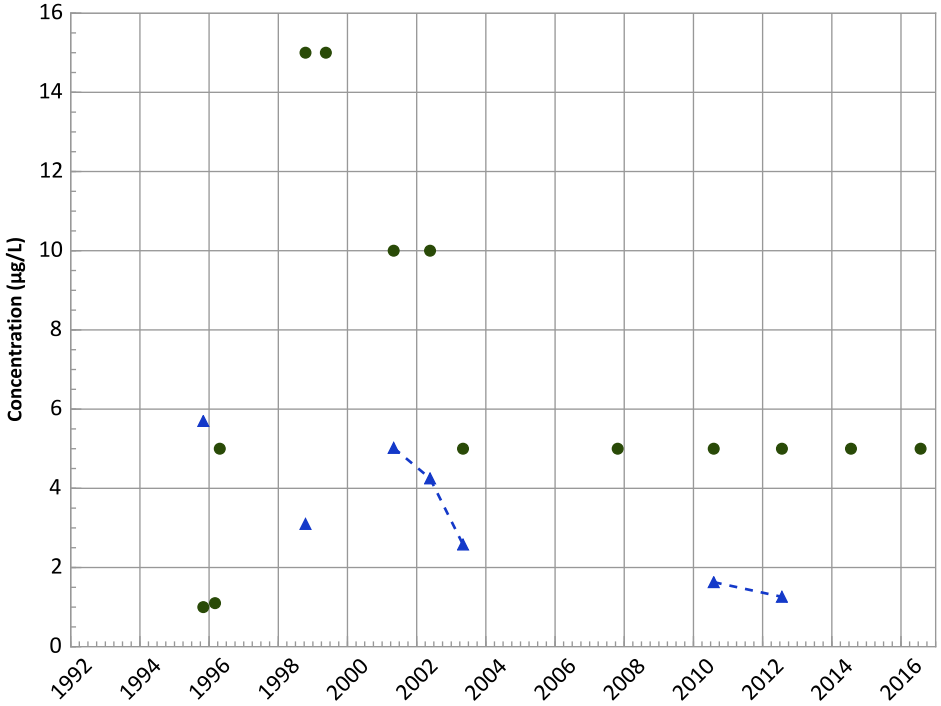


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Manganese Trend



Concentration Trend

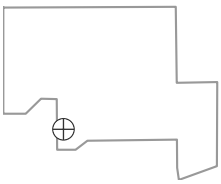
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/26/2016
Analysis Date: 03/07/2017

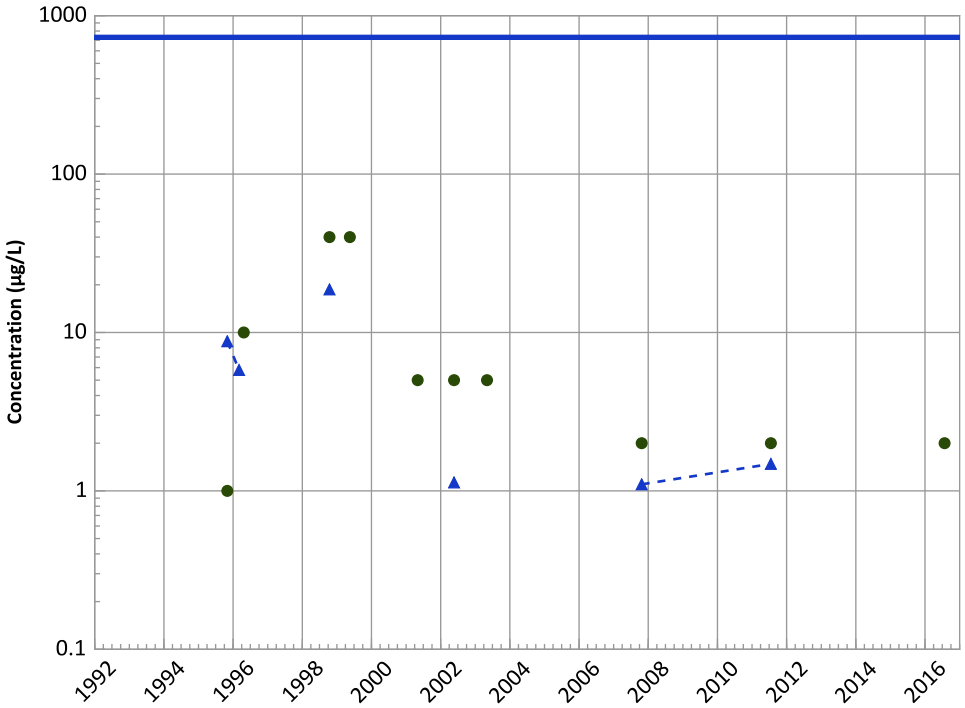
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

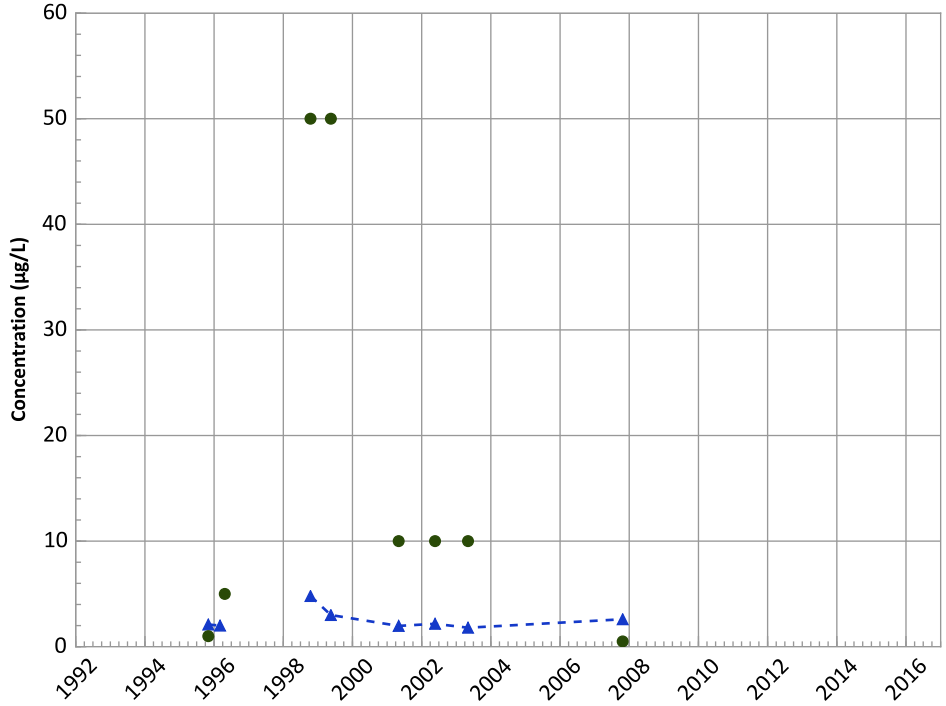


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Molybdenum Trend



Concentration Trend

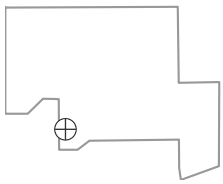
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/26/2016
Analysis Date: 03/07/2017

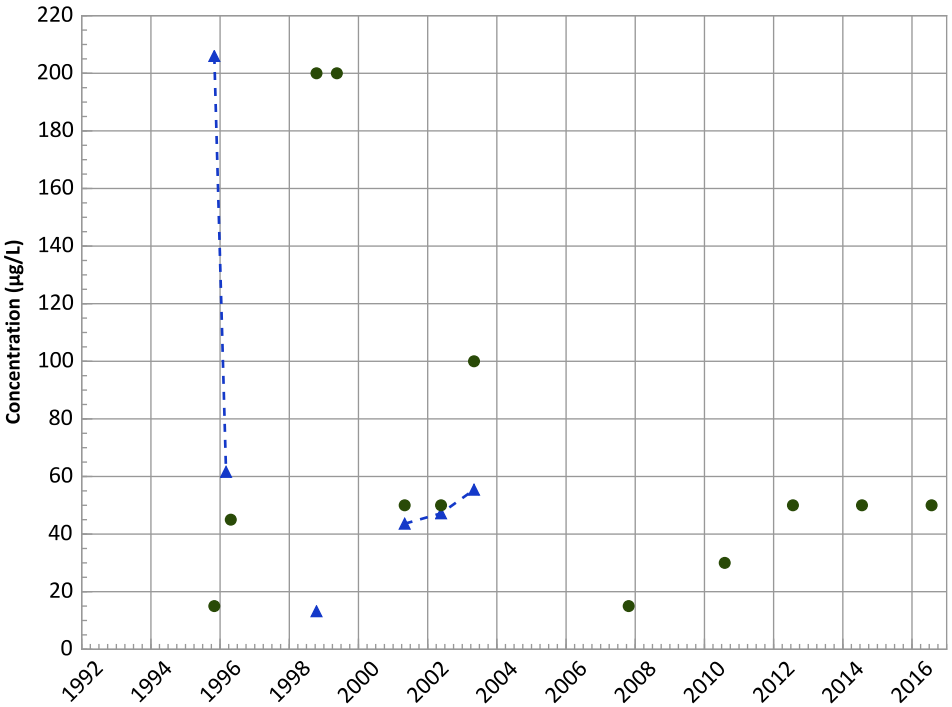
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

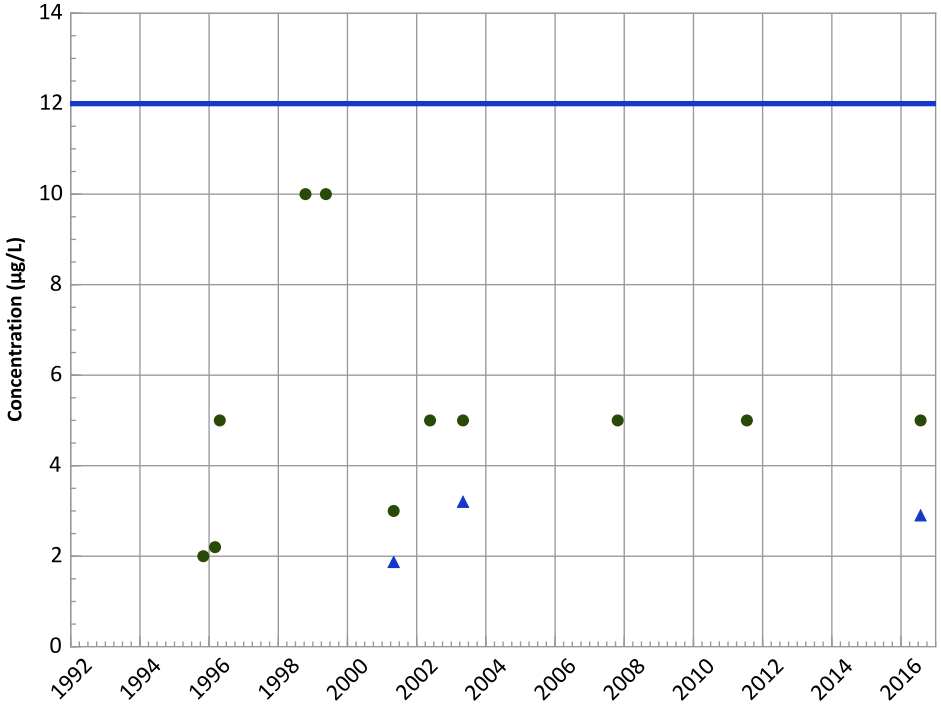


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Stable

Arsenic Trend



Concentration Trend

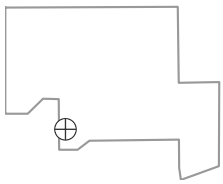
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/26/2016
Analysis Date: 03/07/2017

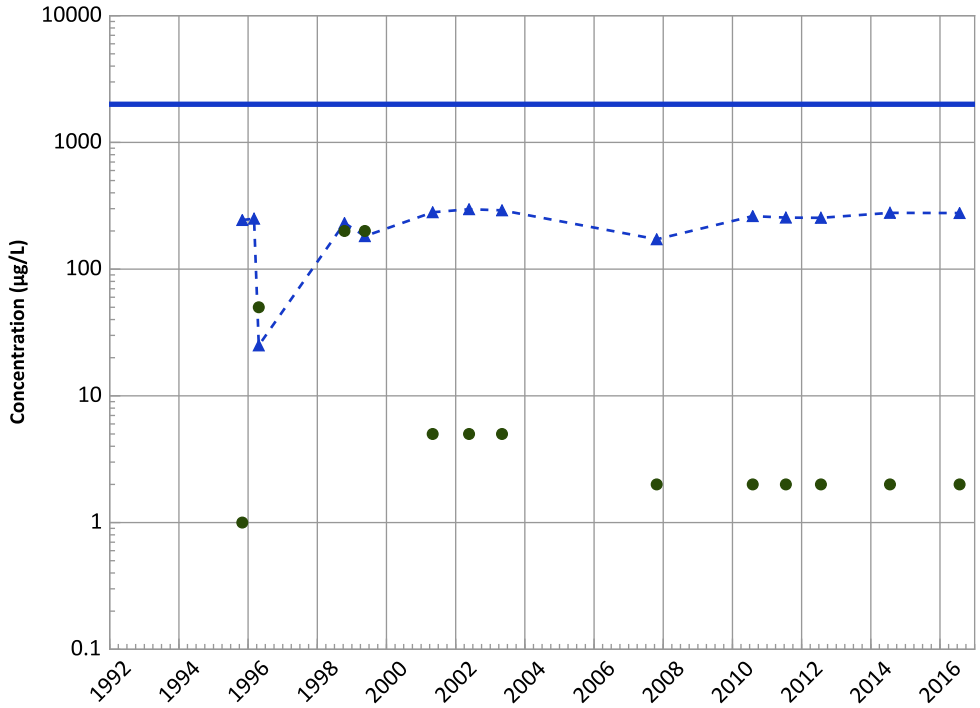
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

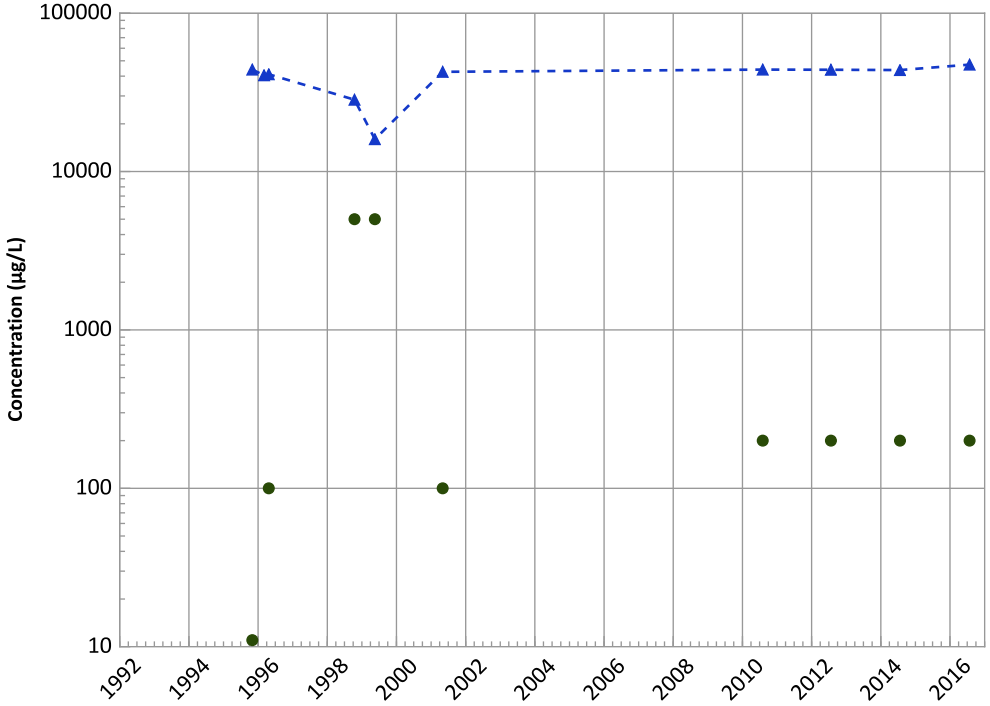


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

Calcium Trend



Concentration Trend

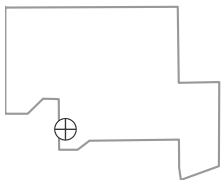
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/26/2016
Analysis Date: 03/07/2017

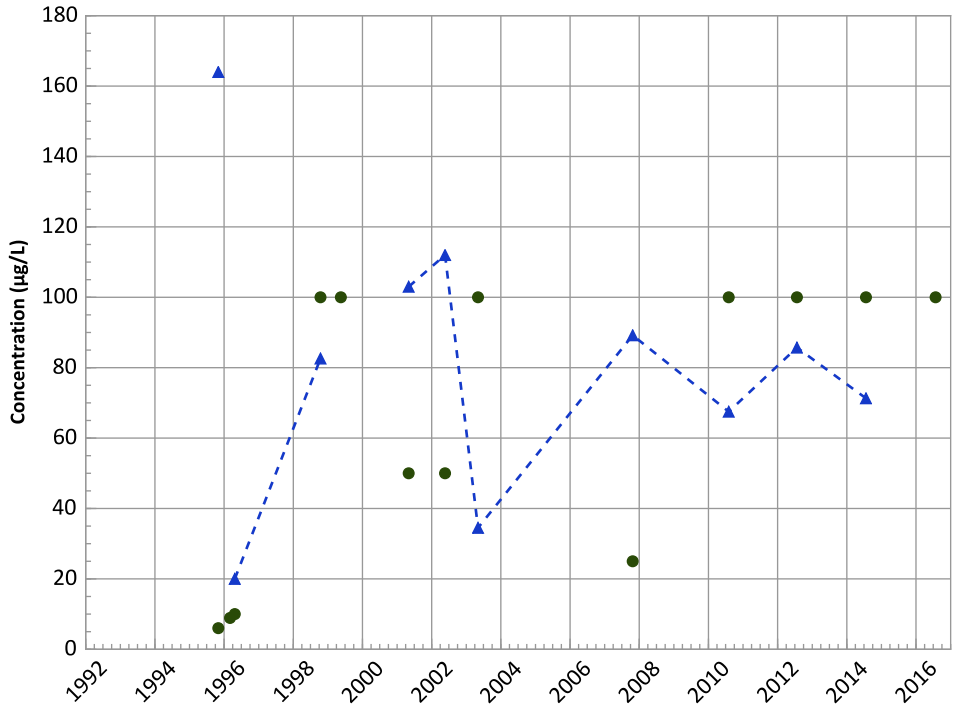
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

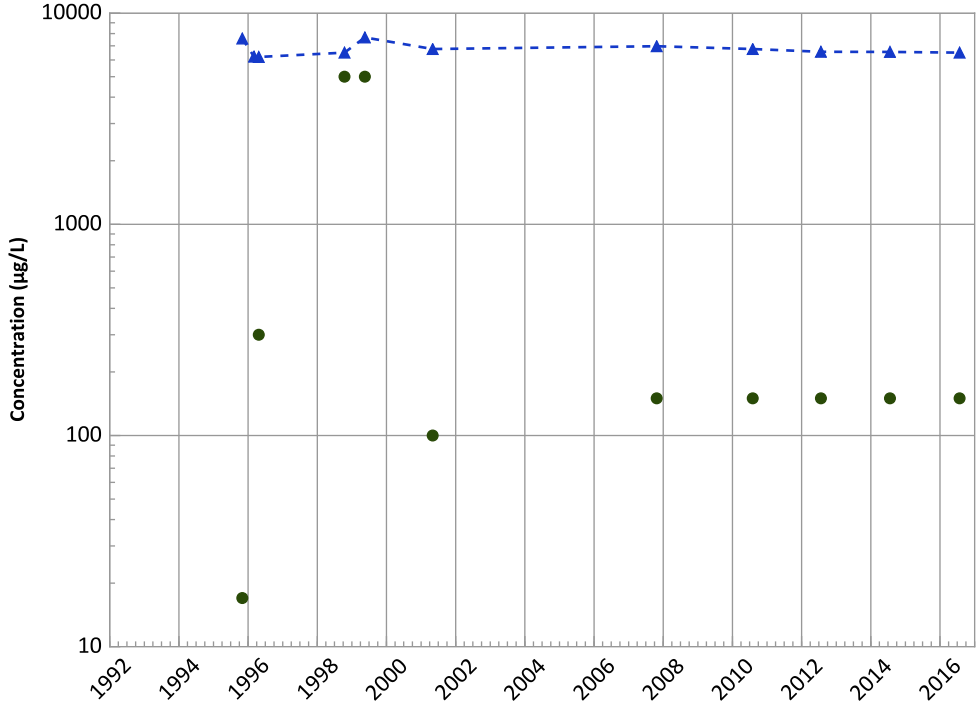


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Potassium Trend



Concentration Trend

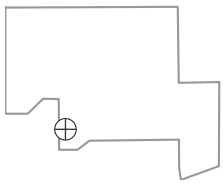
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/26/2016
Analysis Date: 03/07/2017

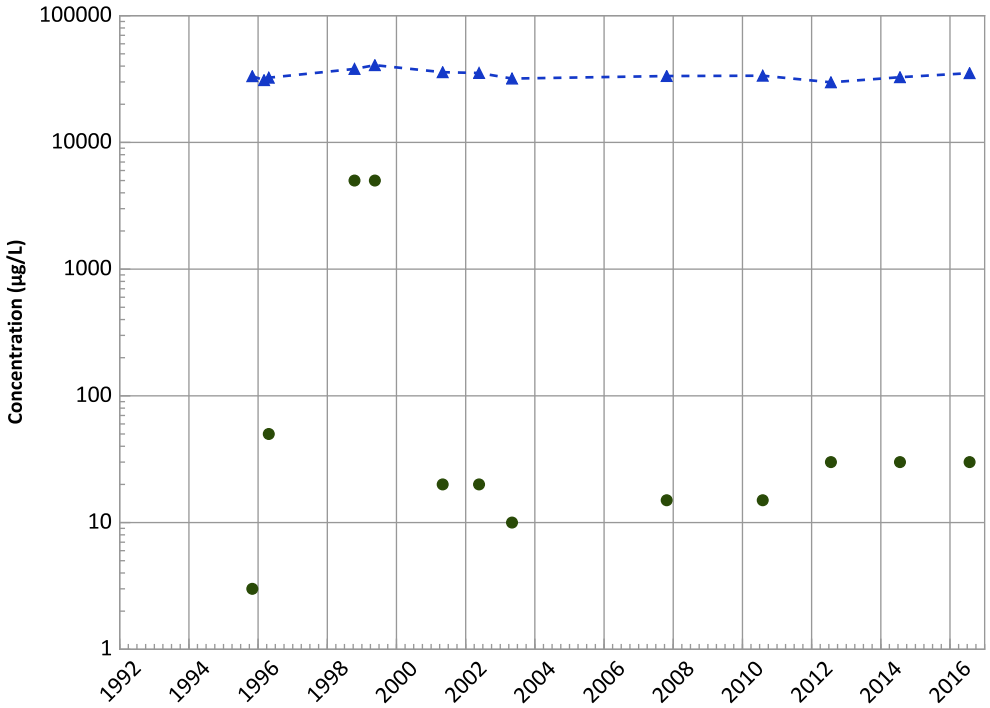
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

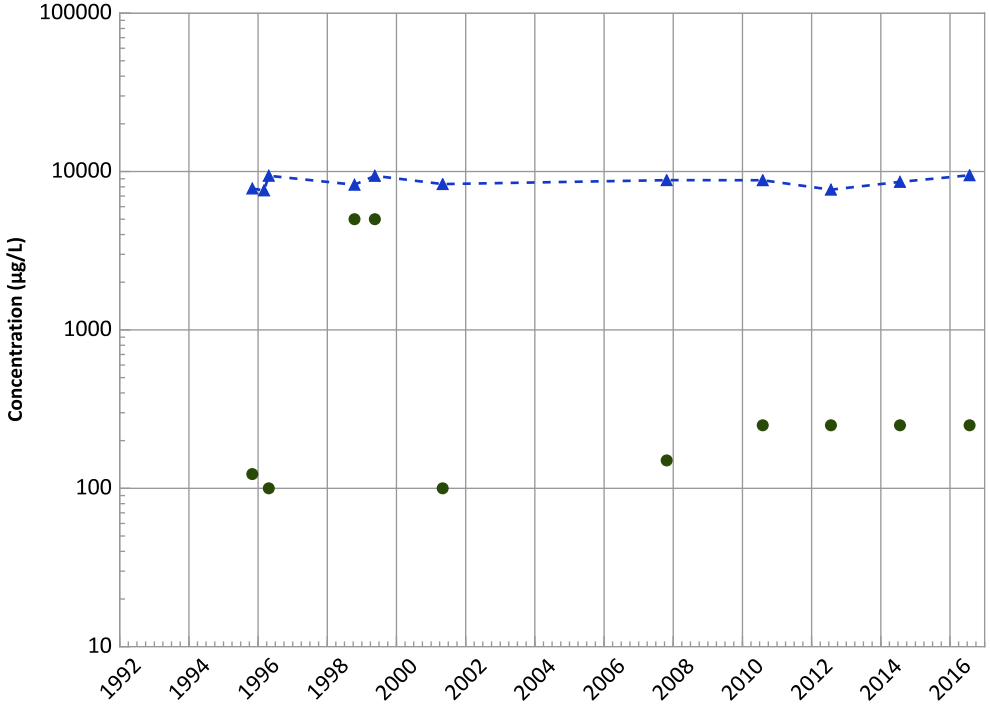


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Sodium Trend



Concentration Trend

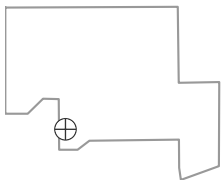
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

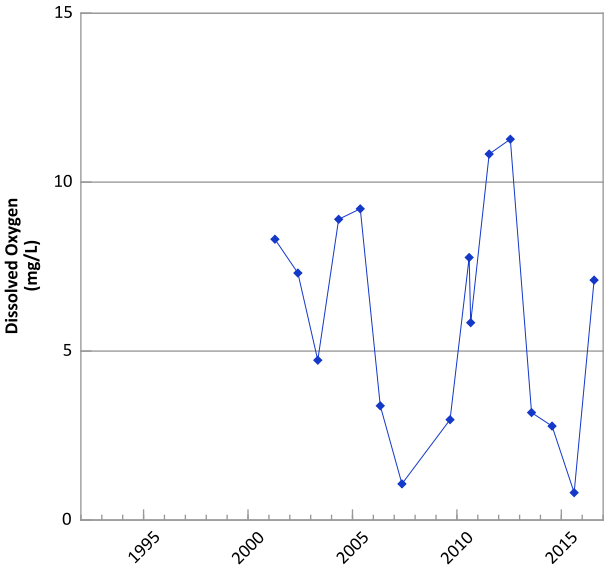
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/26/2016
Analysis Date: 03/07/2017

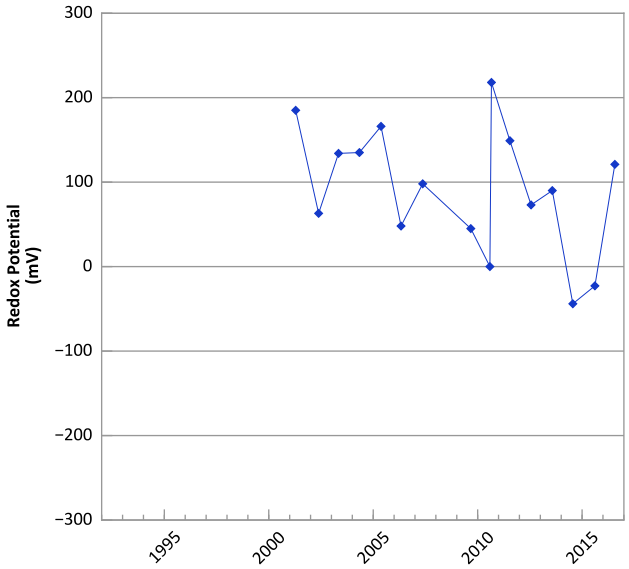
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

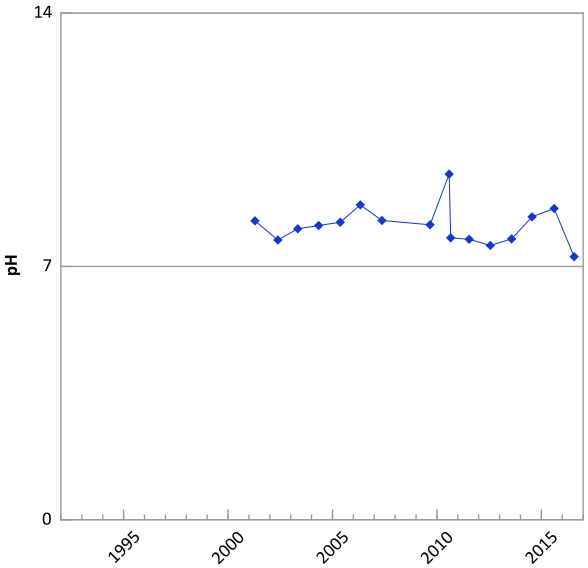
Well Location

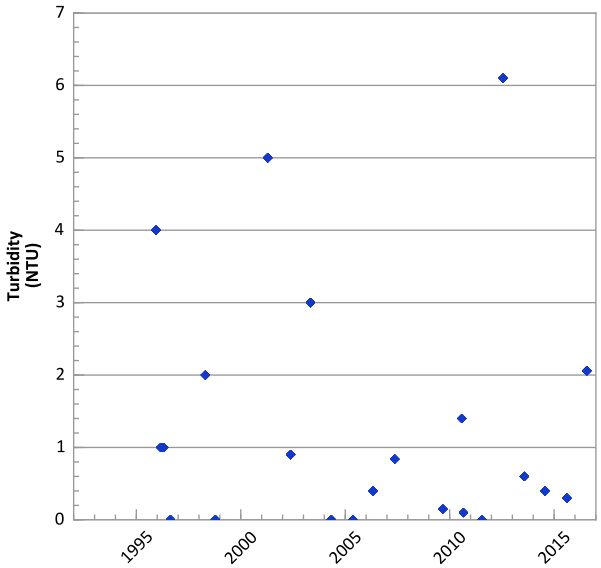


PTX07-1Q03 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



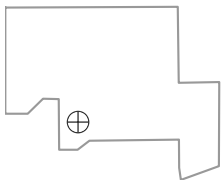






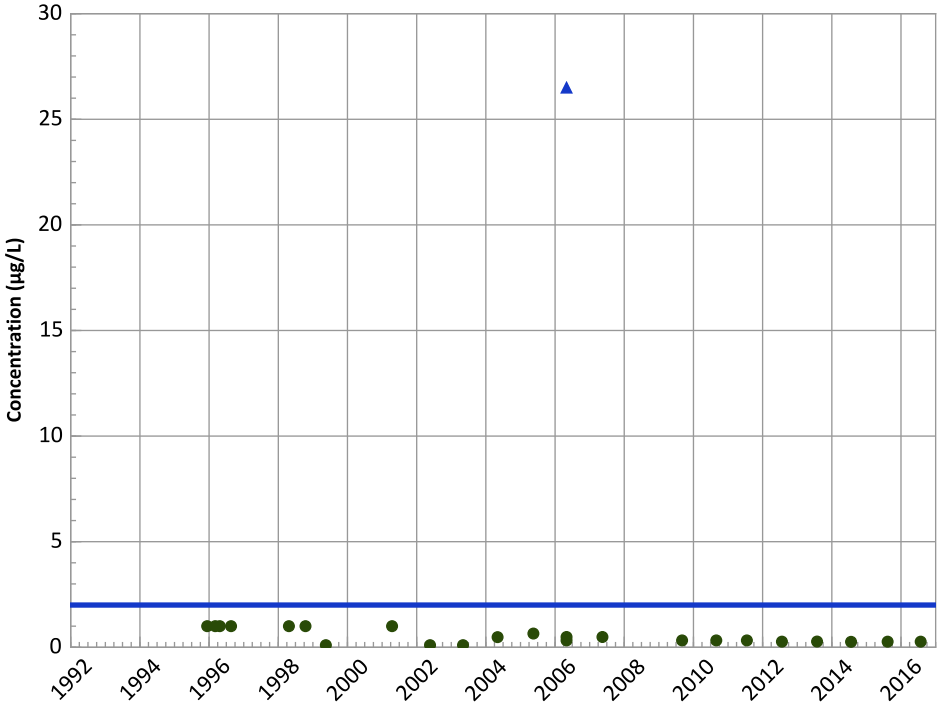
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/27/2016
Analysis Date: 03/07/2017

Well Location



PTX07-1Q03 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

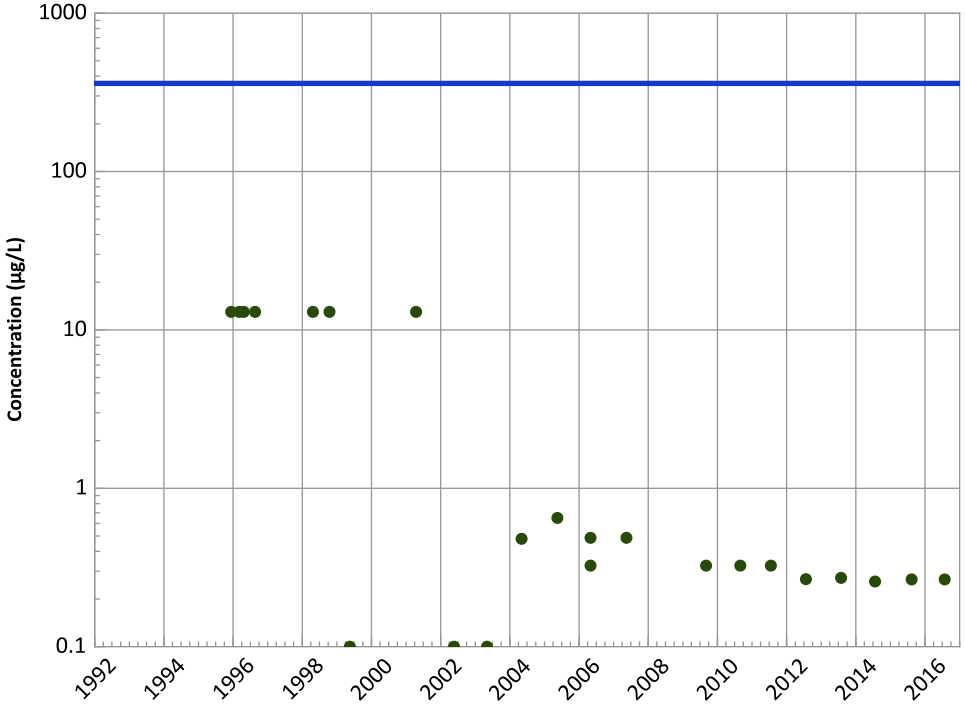


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

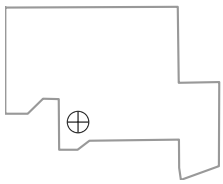
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/27/2016
Analysis Date: 03/07/2017

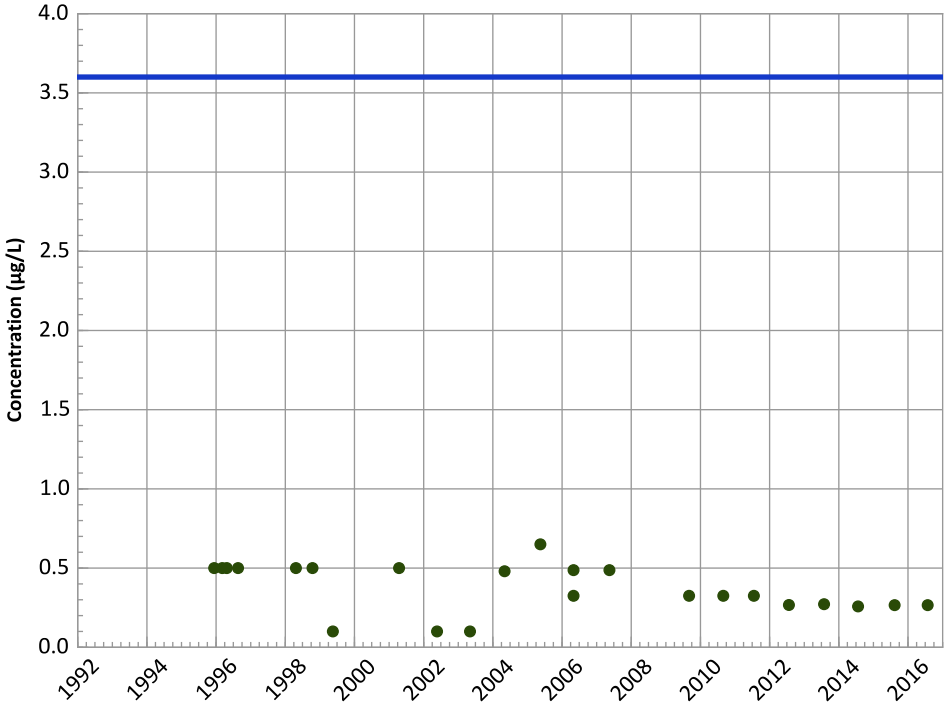
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q03 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

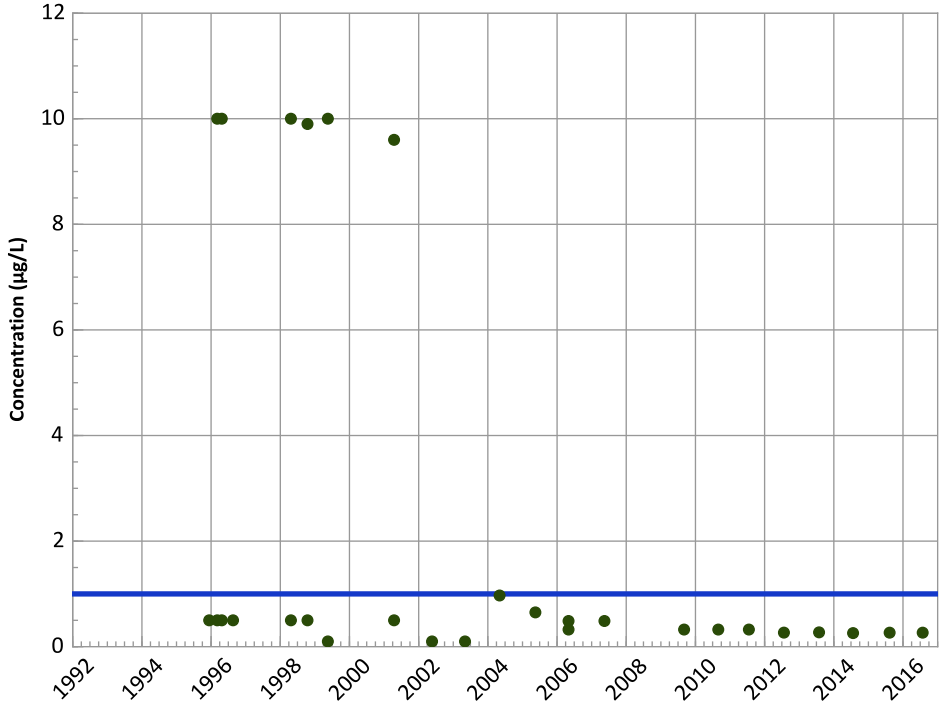


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

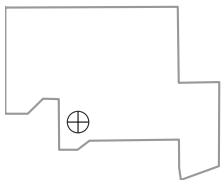
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/27/2016
Analysis Date: 03/07/2017

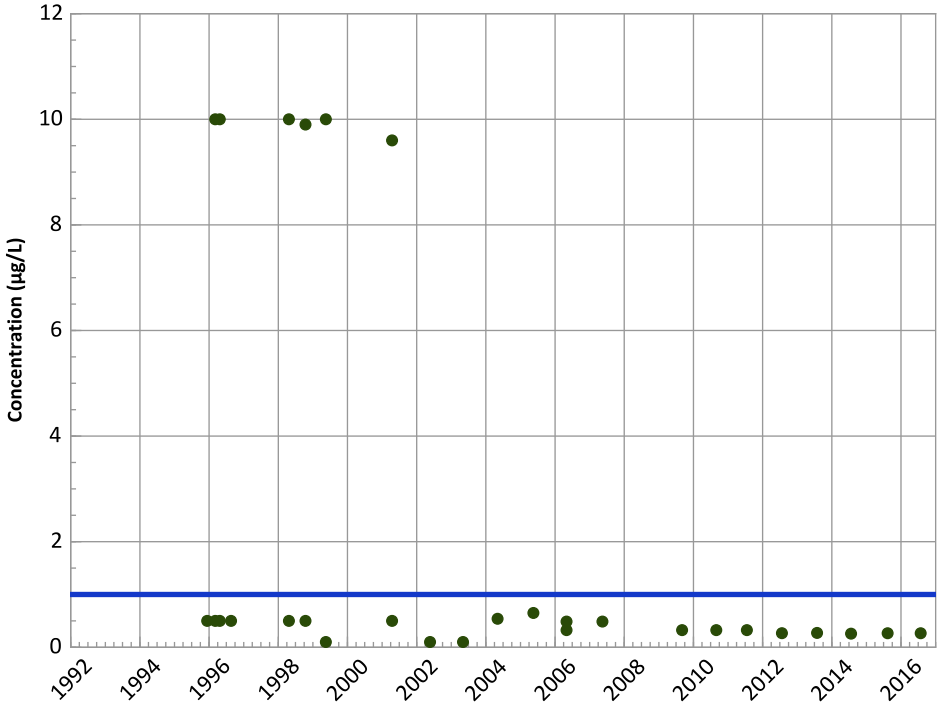
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q03 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

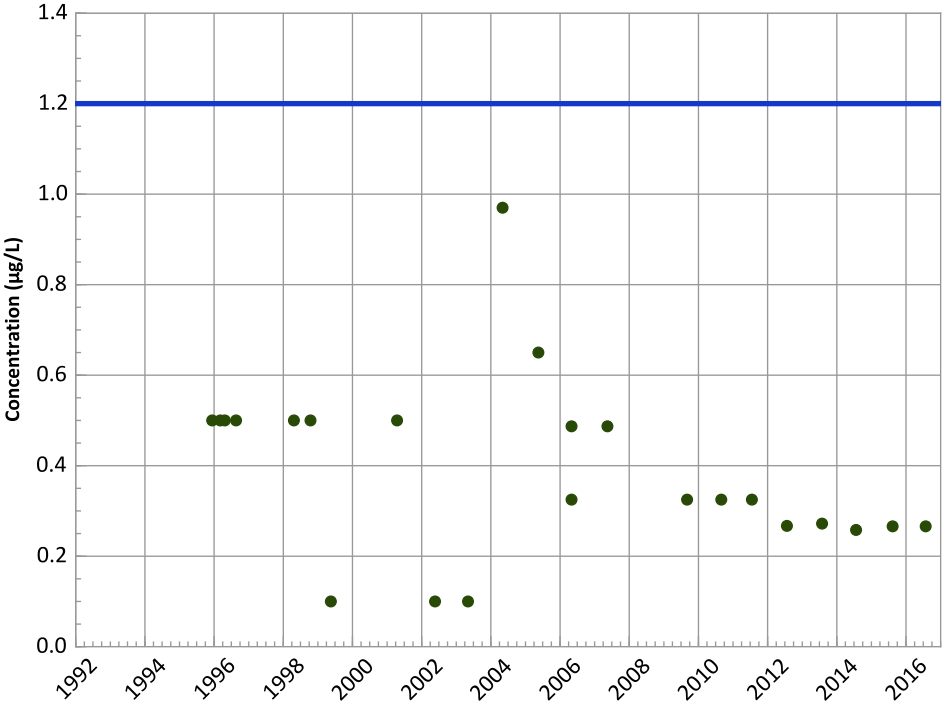


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

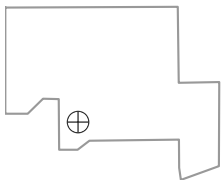
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/27/2016
Analysis Date: 03/07/2017

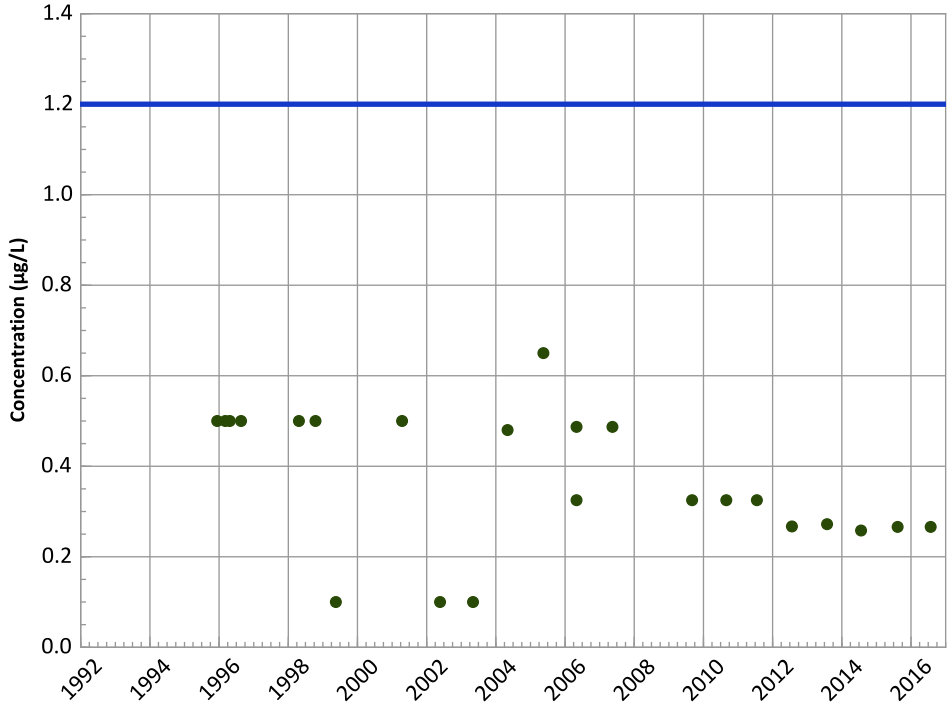
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q03 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

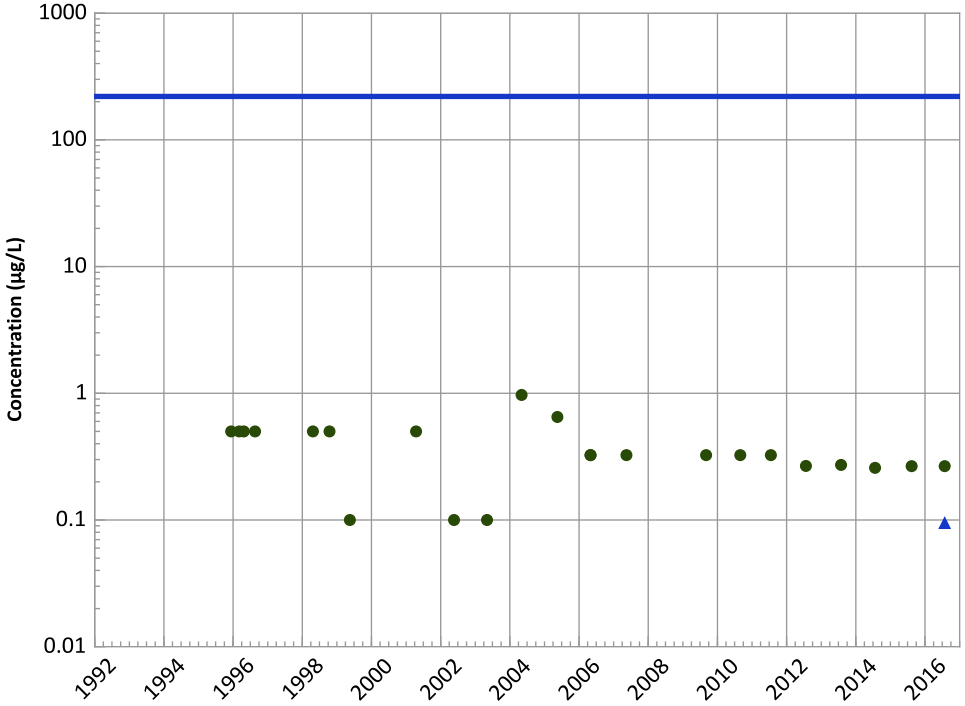


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

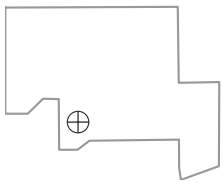
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/27/2016
Analysis Date: 03/07/2017

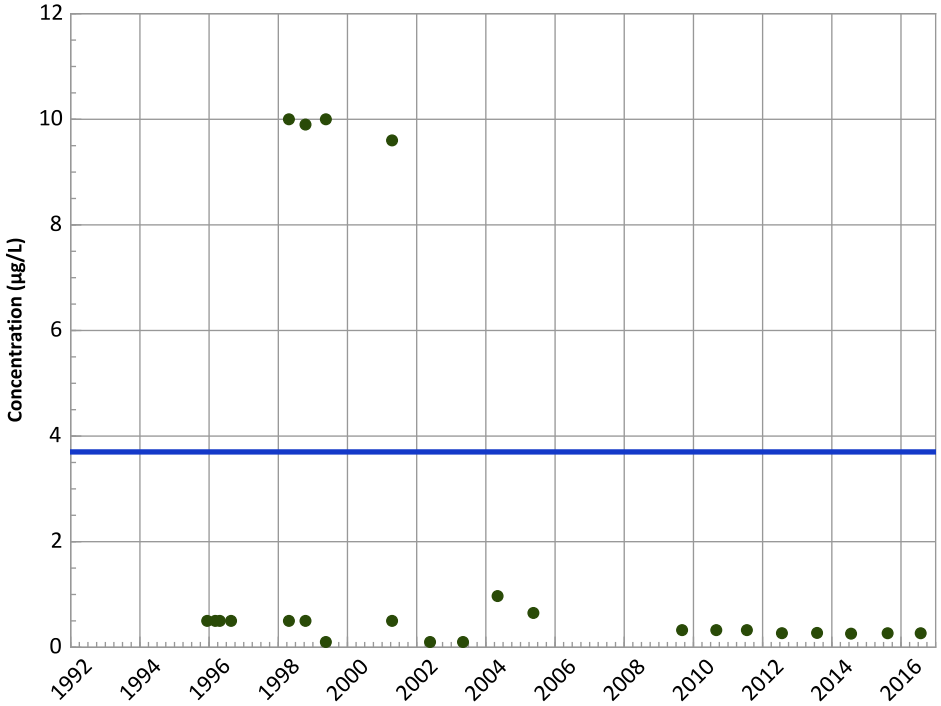
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q03 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

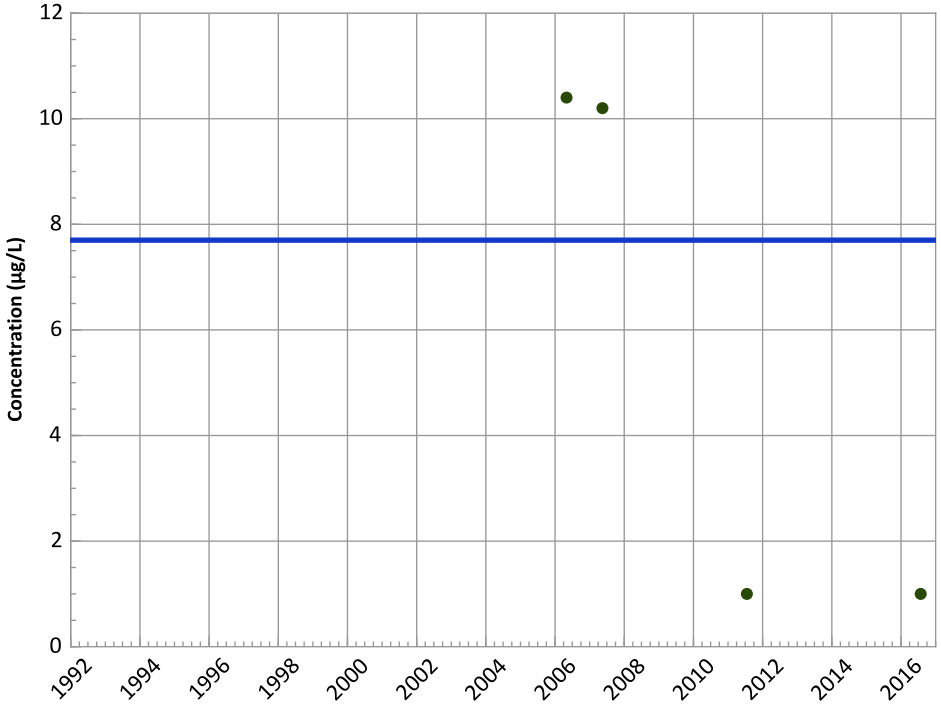


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

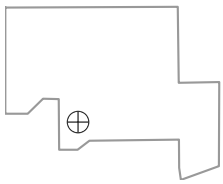
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/27/2016
Analysis Date: 03/07/2017

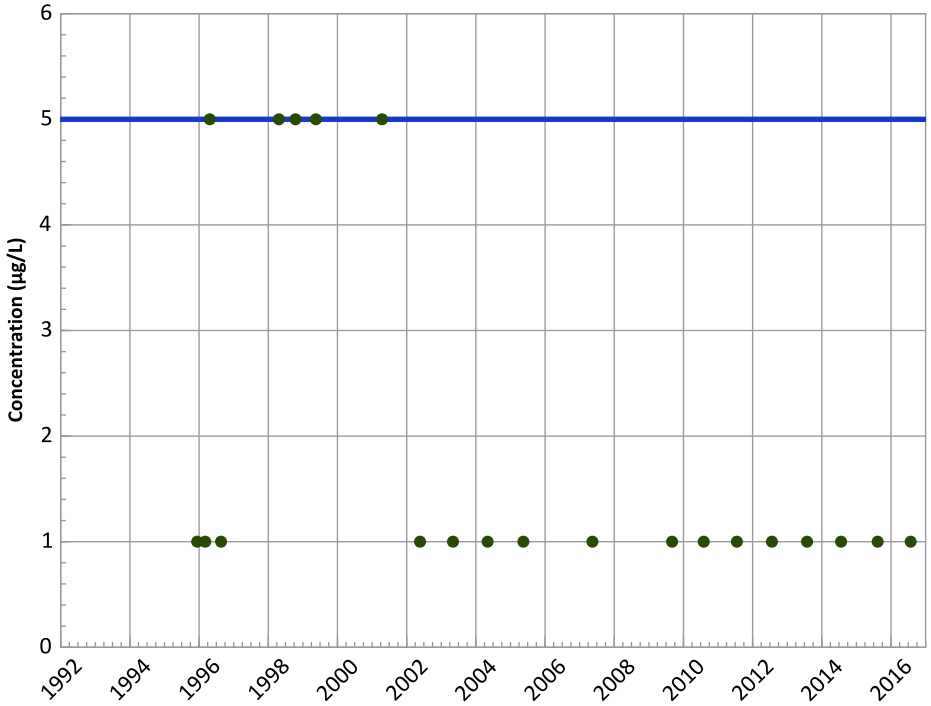
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

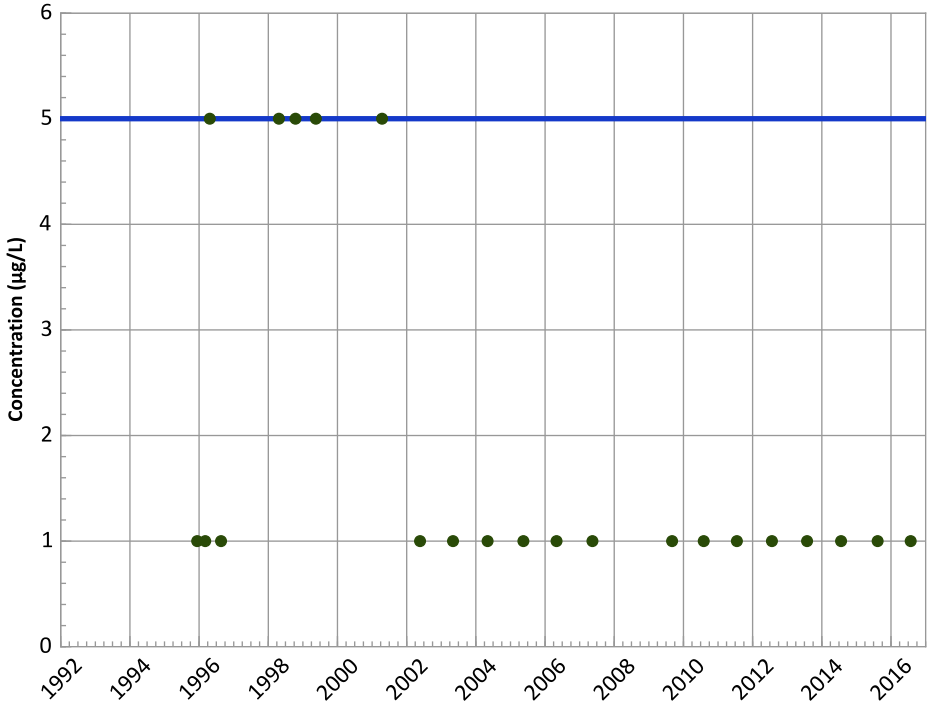


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

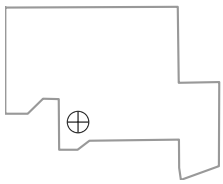
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/27/2016
Analysis Date: 03/07/2017

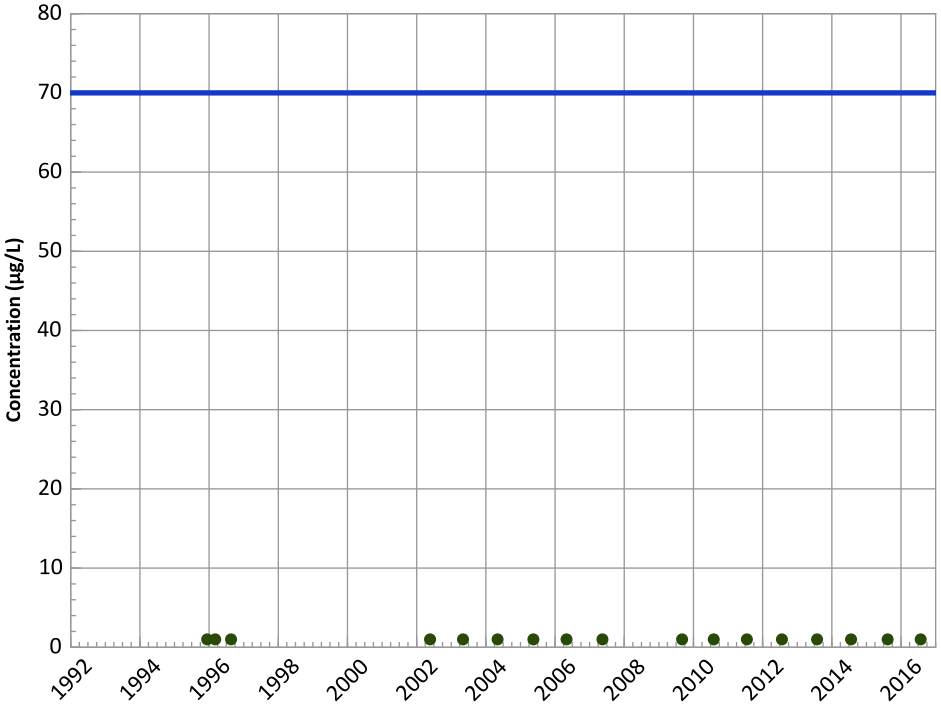
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q03 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

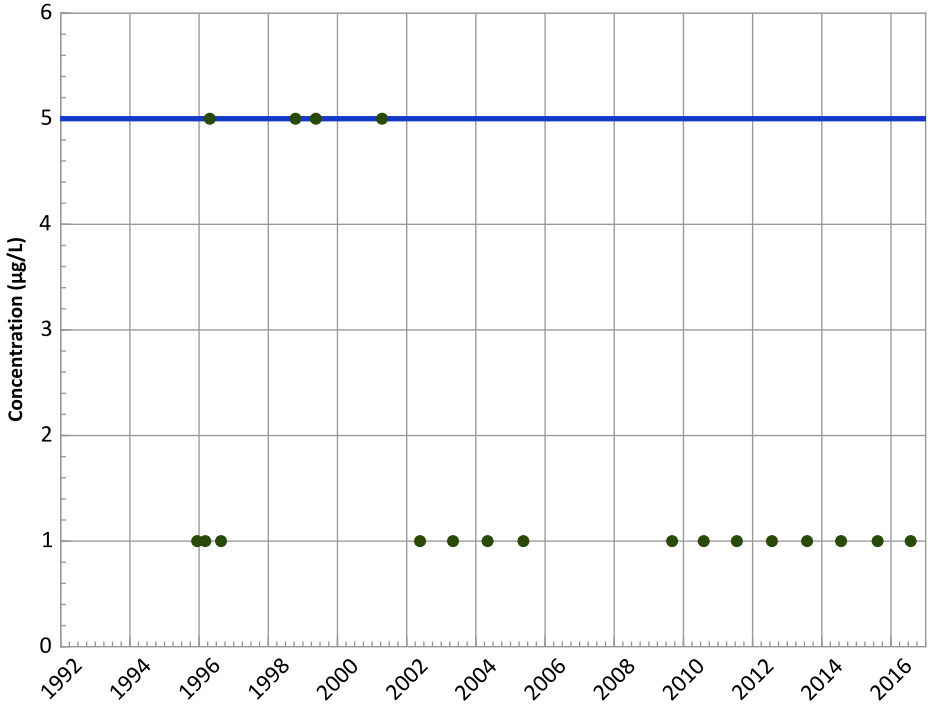


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

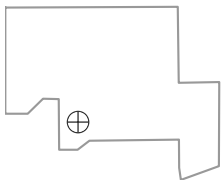
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/27/2016
Analysis Date: 03/07/2017

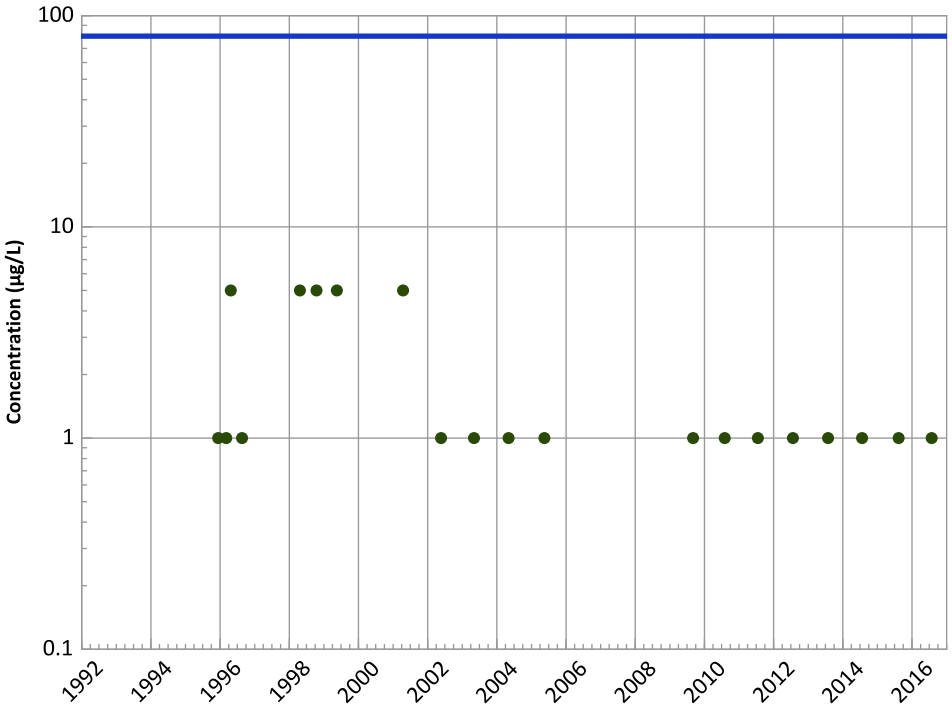
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

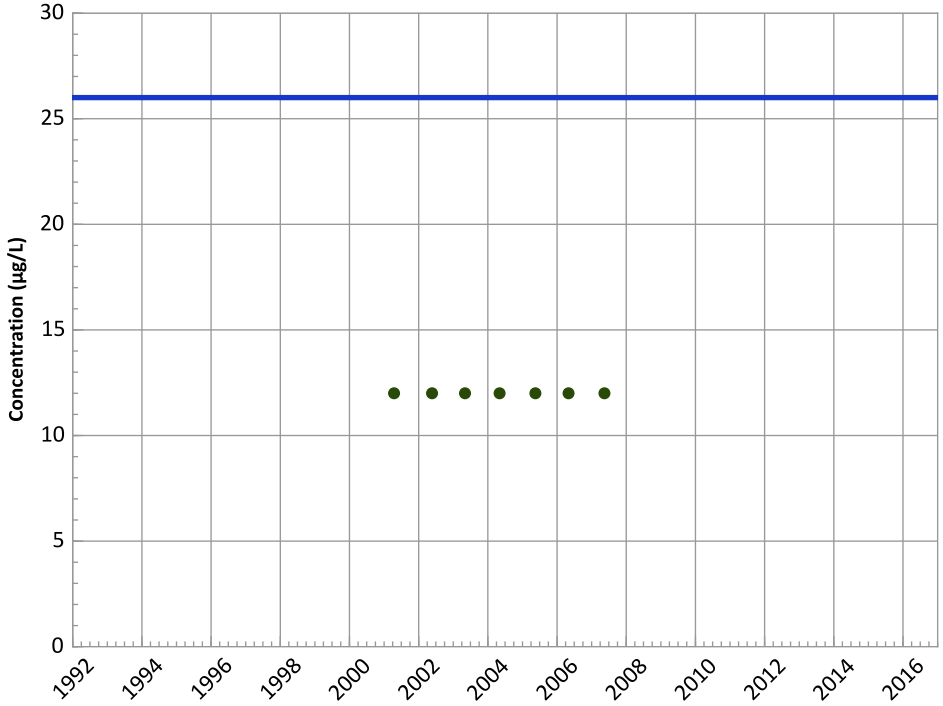


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

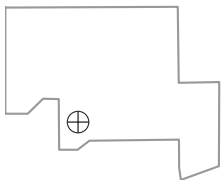
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/27/2016
Analysis Date: 03/07/2017

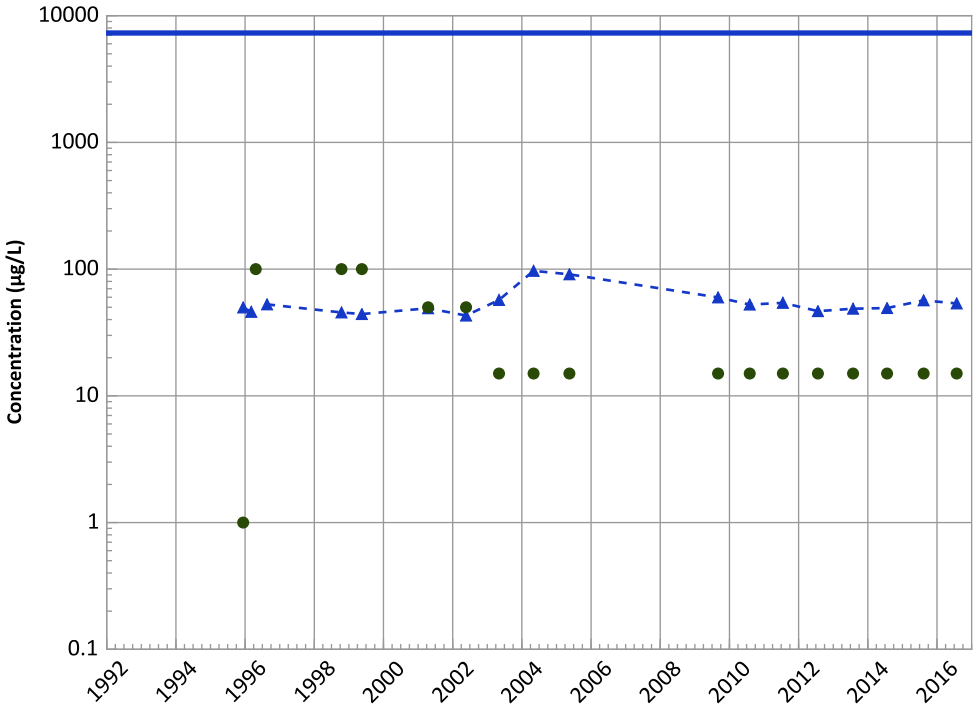
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

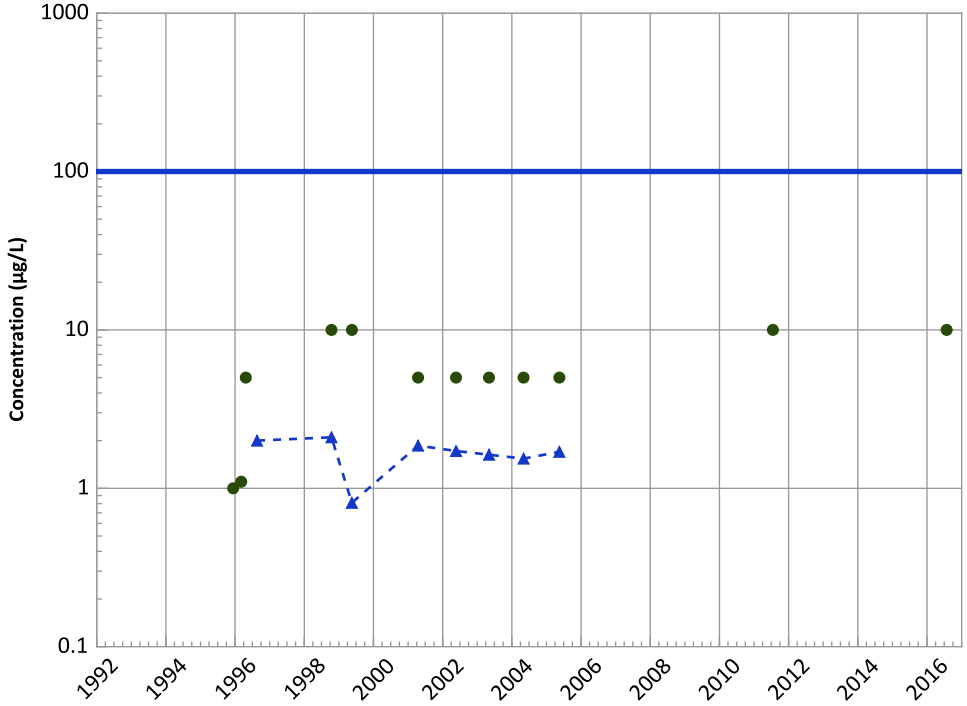


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Chromium, Total Trend



Concentration Trend

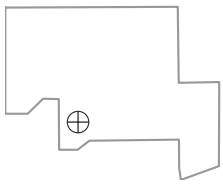
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/27/2016
Analysis Date: 03/07/2017

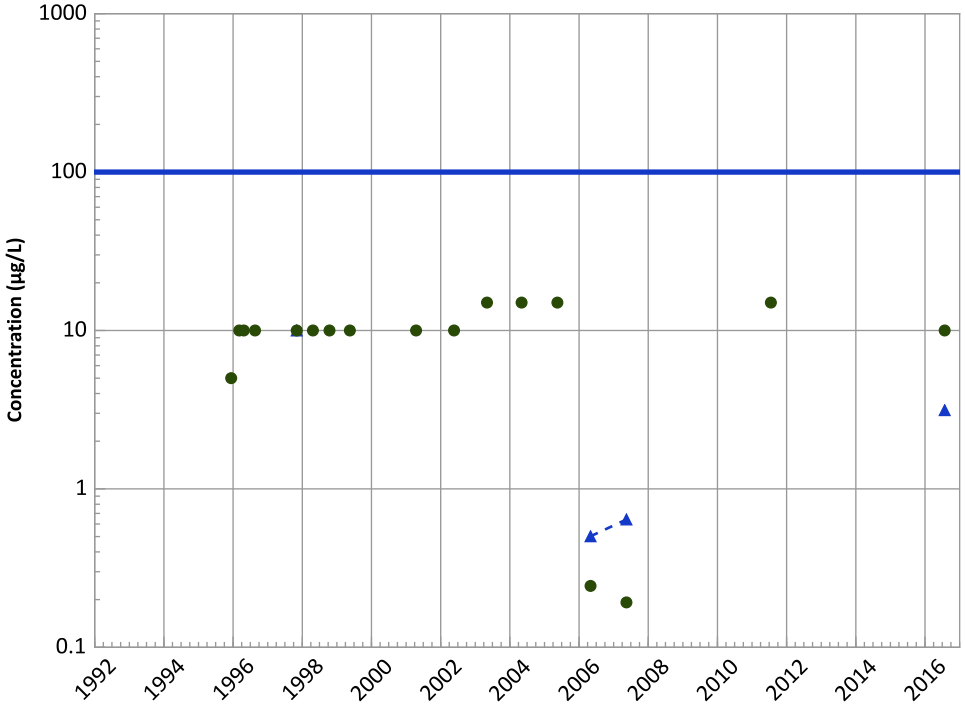
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

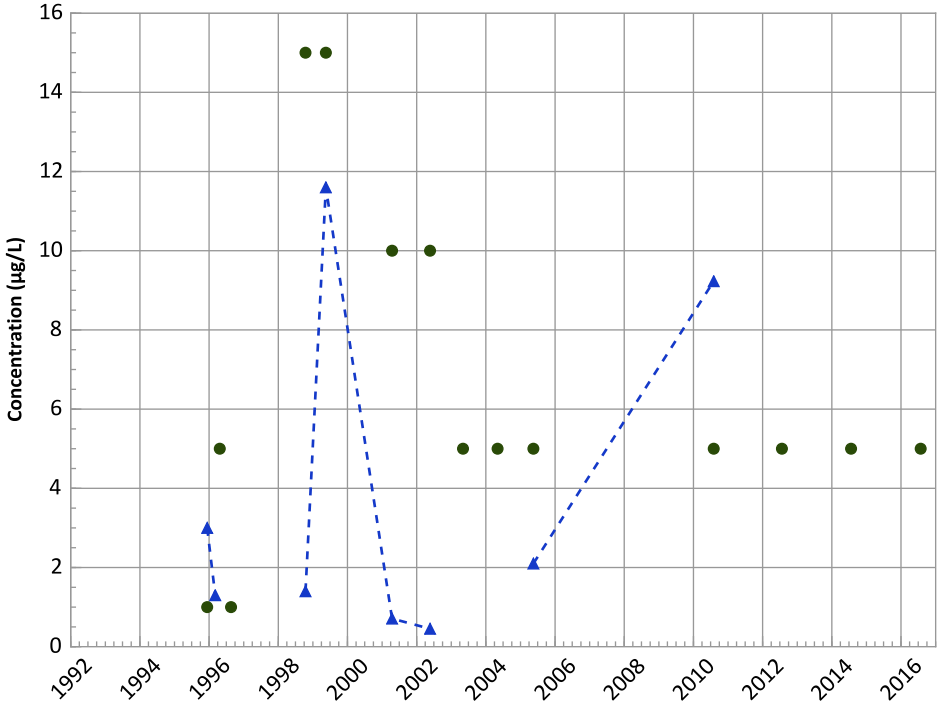


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Manganese Trend



Concentration Trend

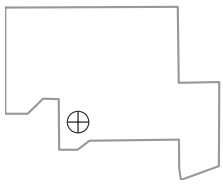
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/27/2016
Analysis Date: 03/07/2017

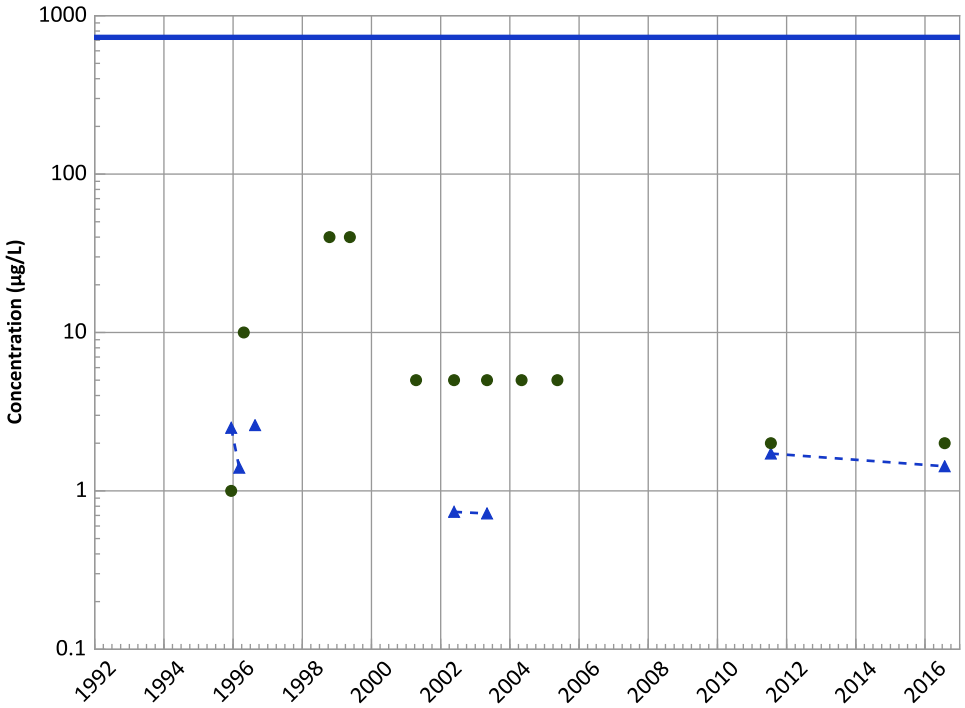
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1Q03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

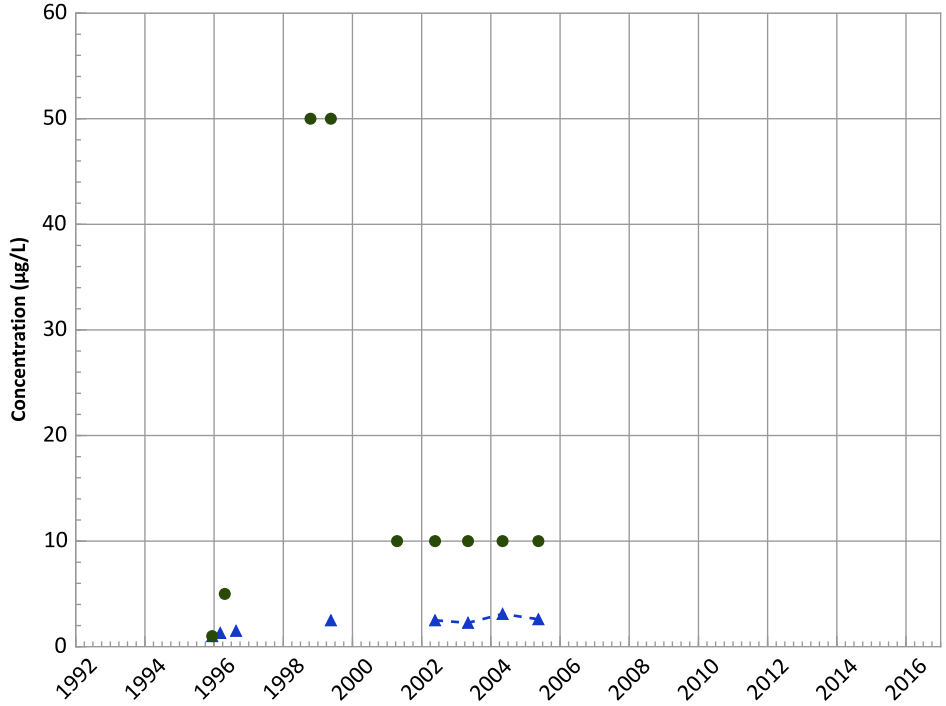


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Molybdenum Trend



Concentration Trend

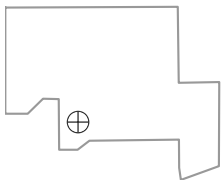
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/27/2016
Analysis Date: 03/07/2017

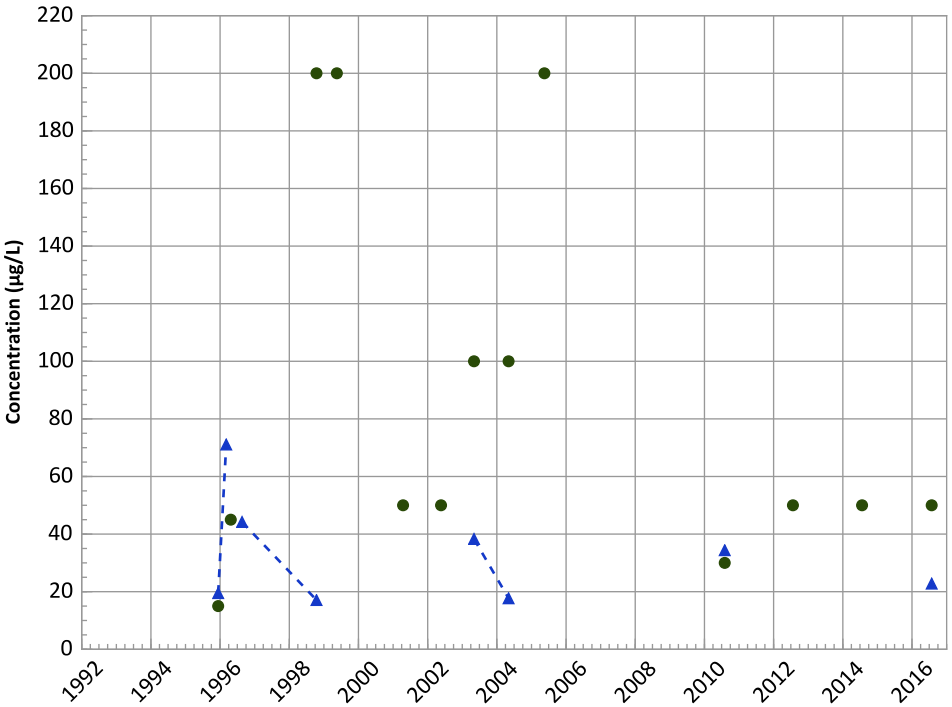
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

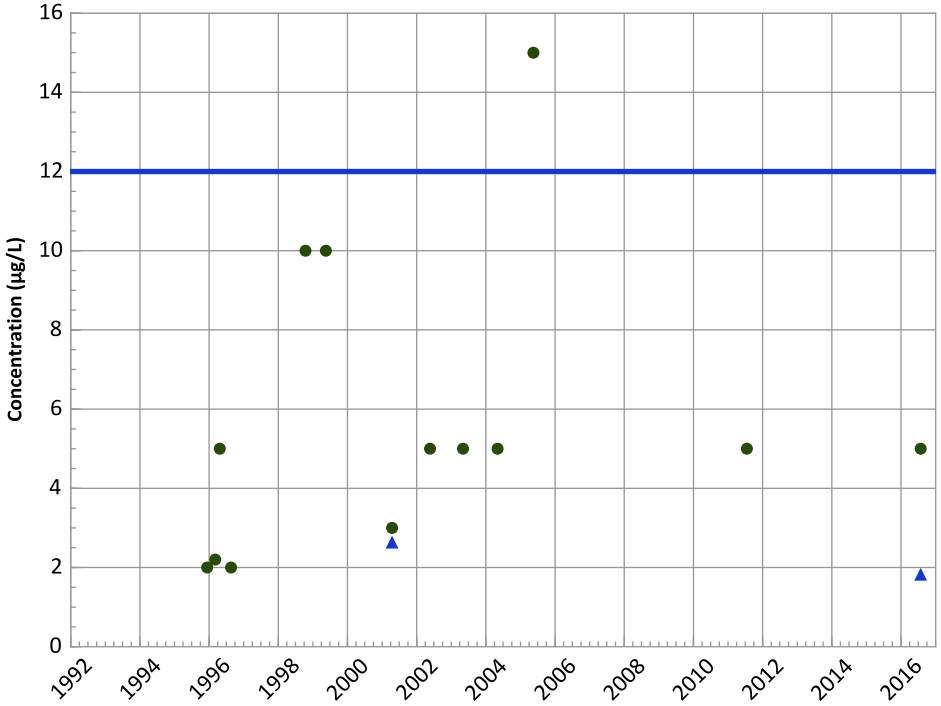


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Arsenic Trend



Concentration Trend

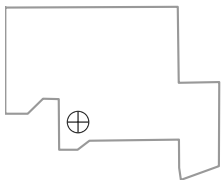
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/27/2016
Analysis Date: 03/07/2017

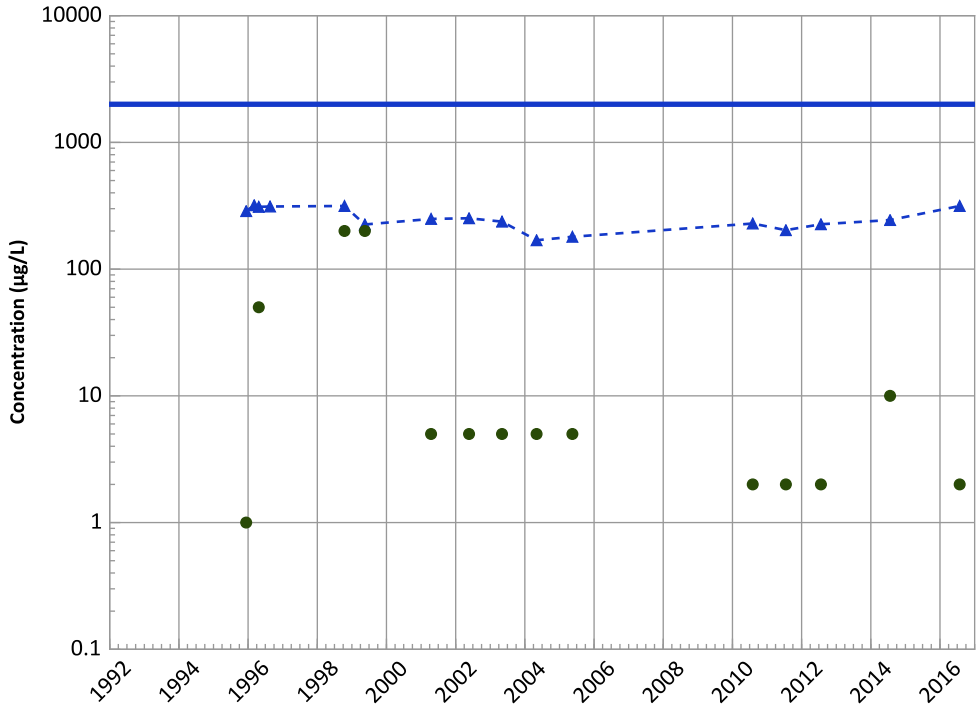
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

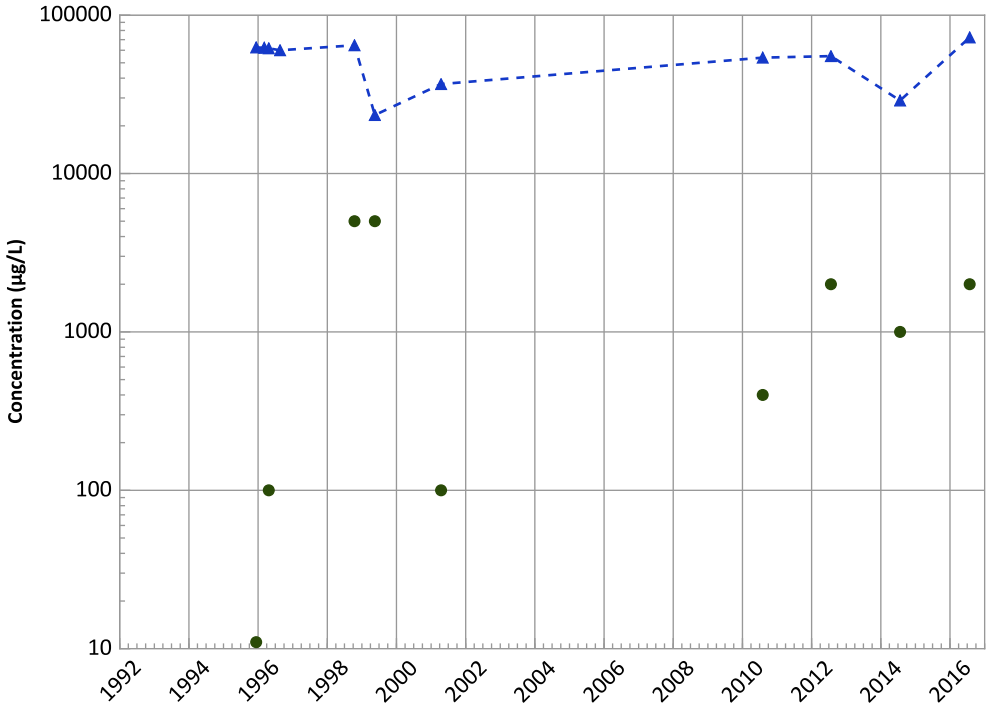


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Probably Decreasing

Calcium Trend



Concentration Trend

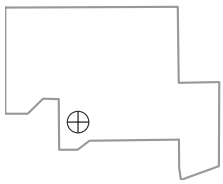
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/27/2016
Analysis Date: 03/07/2017

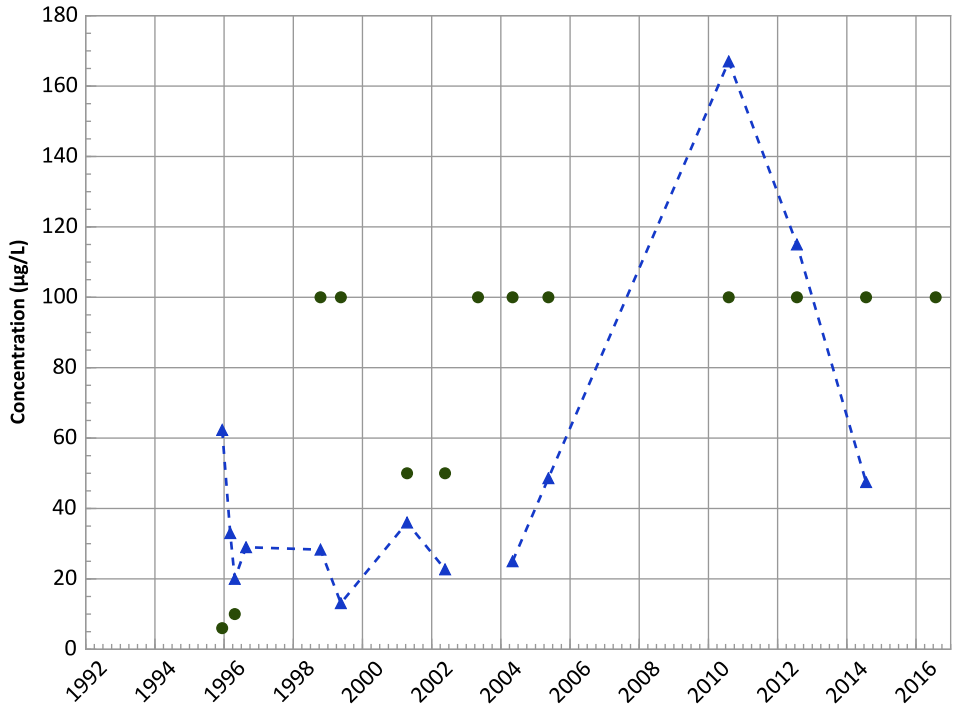
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

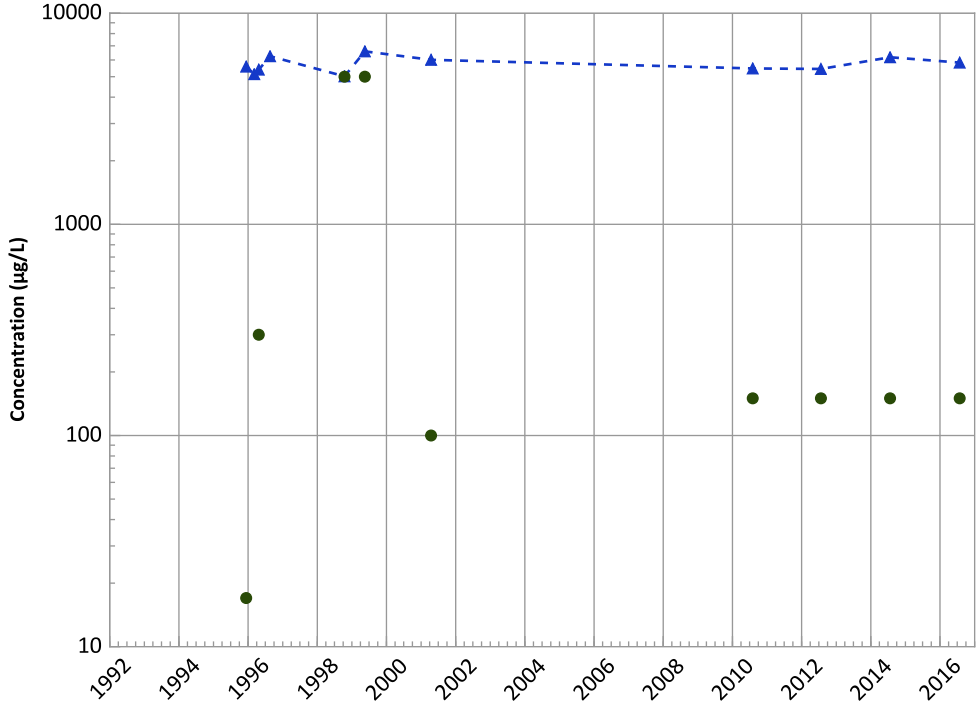


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Potassium Trend



Concentration Trend

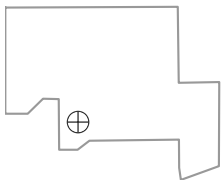
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/27/2016
Analysis Date: 03/07/2017

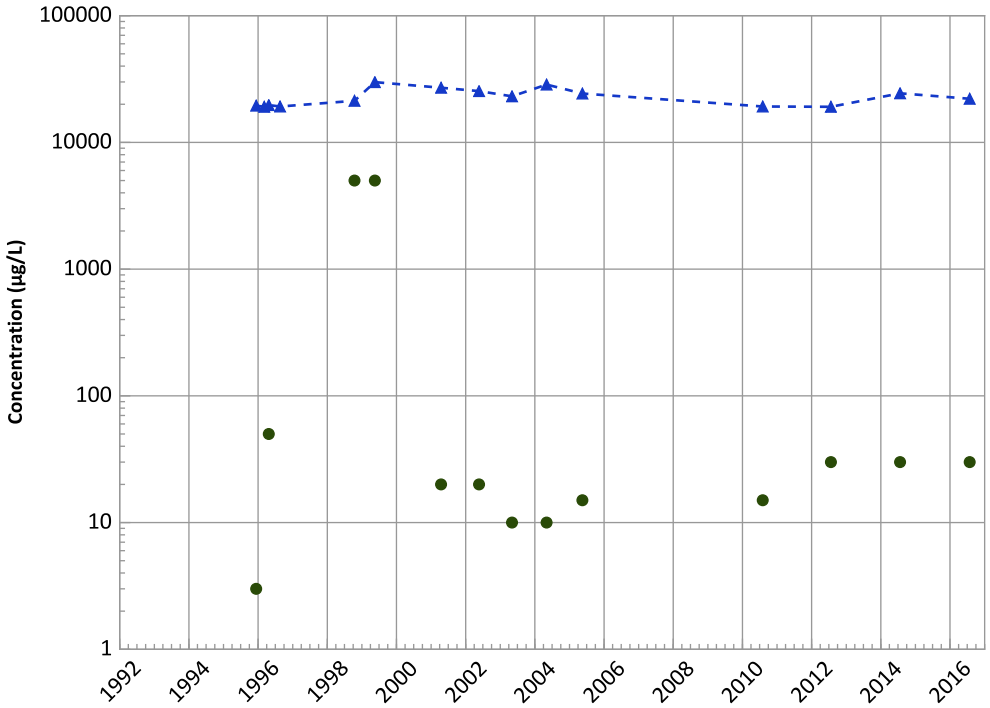
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

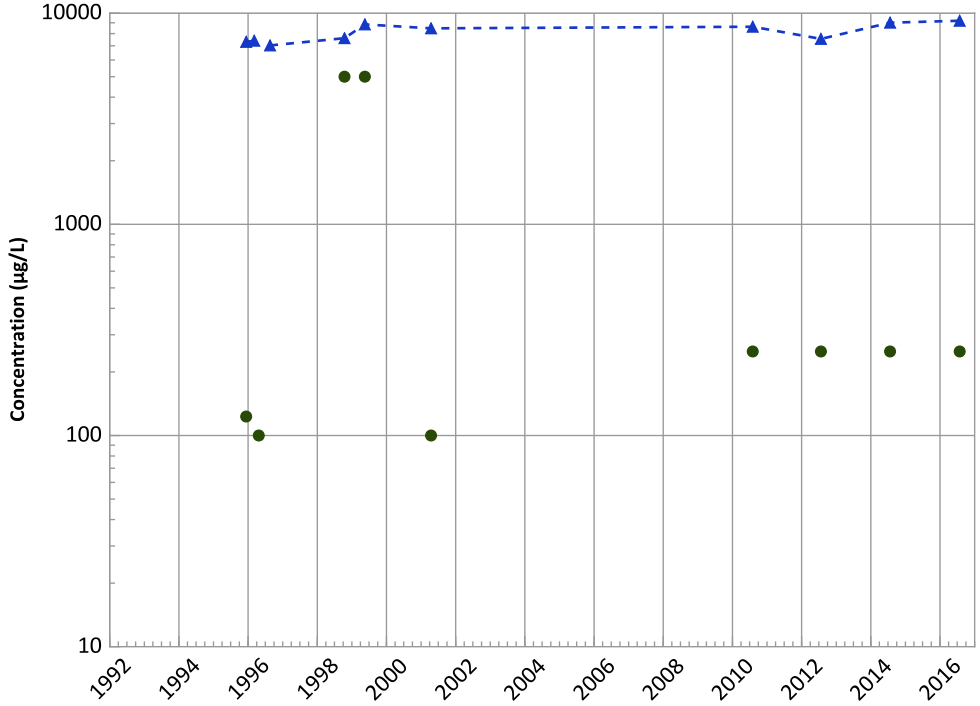


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Sodium Trend



Concentration Trend

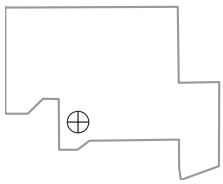
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

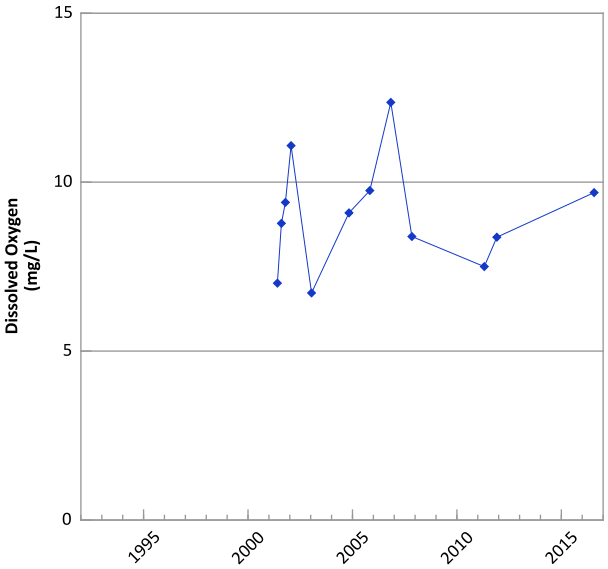
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/12/1995 to 07/27/2016
Analysis Date: 03/07/2017

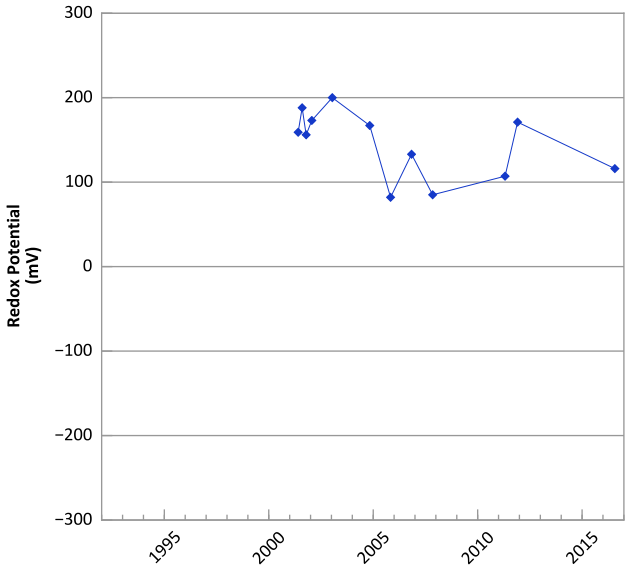
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

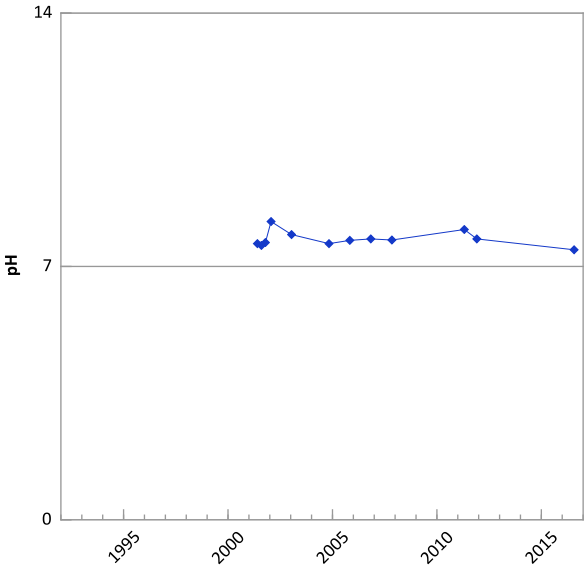
Well Location

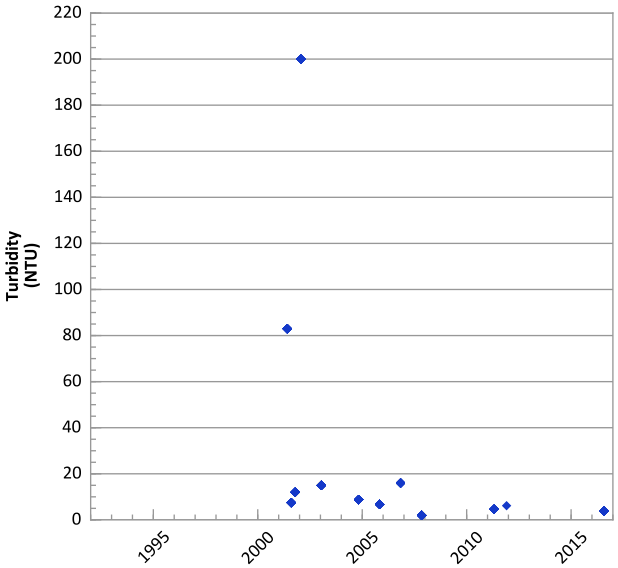


PTX07-1R03 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



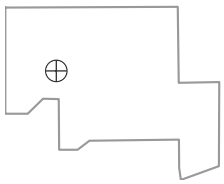






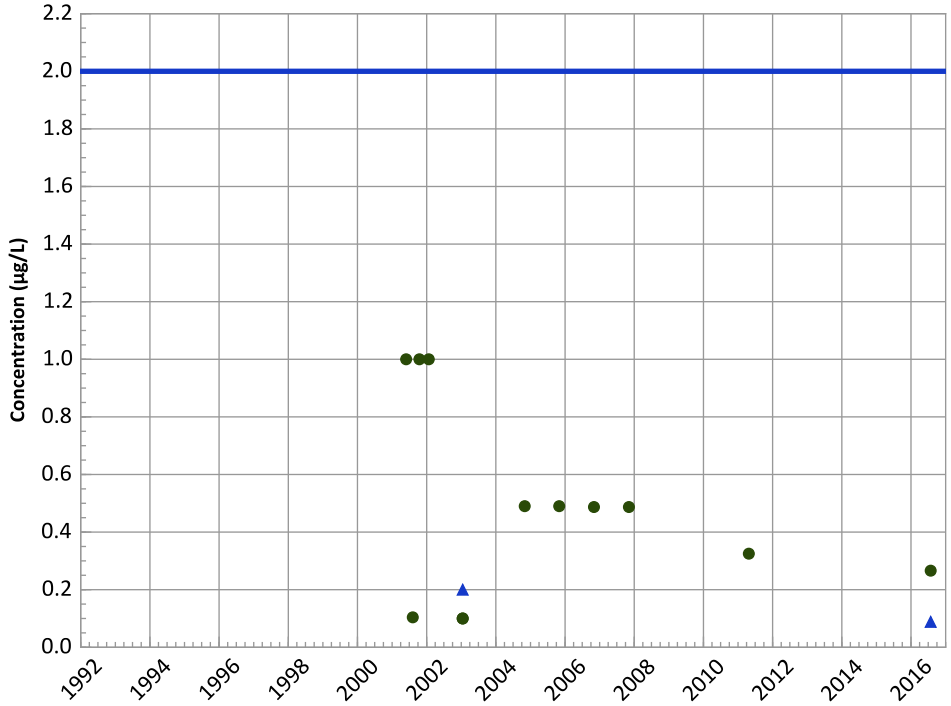
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/29/2001 to 07/27/2016
Analysis Date: 03/07/2017

Well Location



PTX07-1R03 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

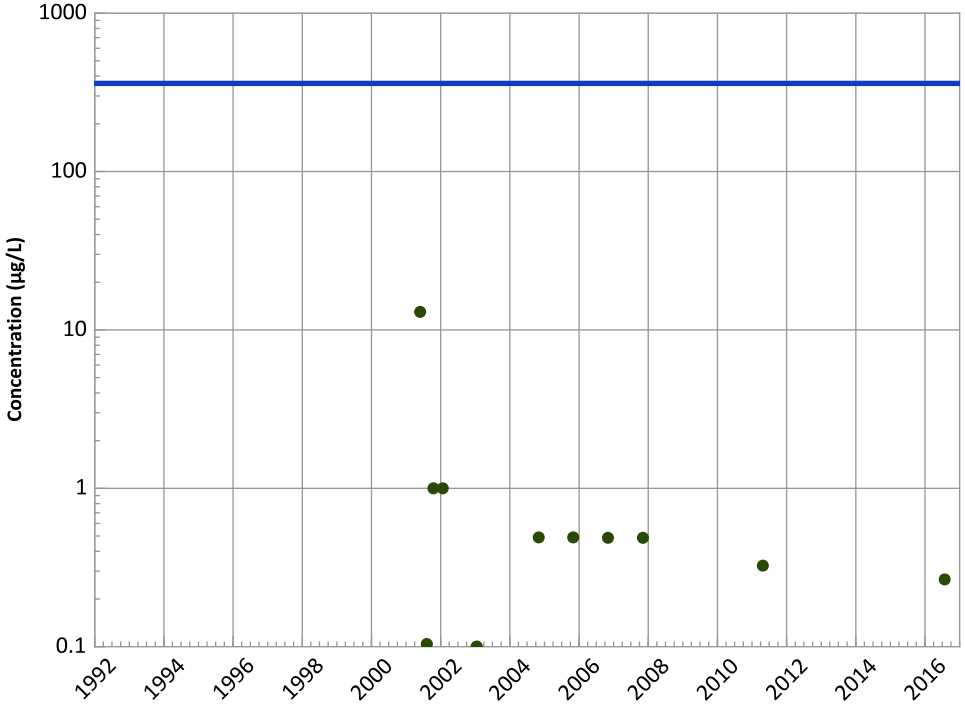


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

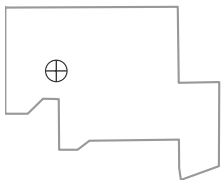
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/29/2001 to 07/27/2016
Analysis Date: 03/07/2017

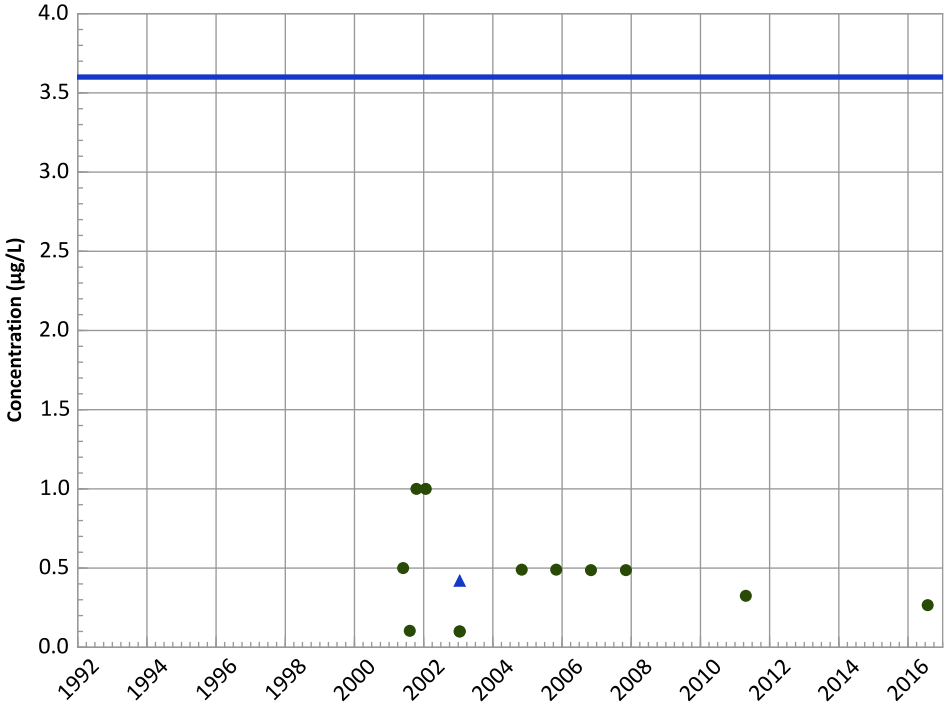
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1R03 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

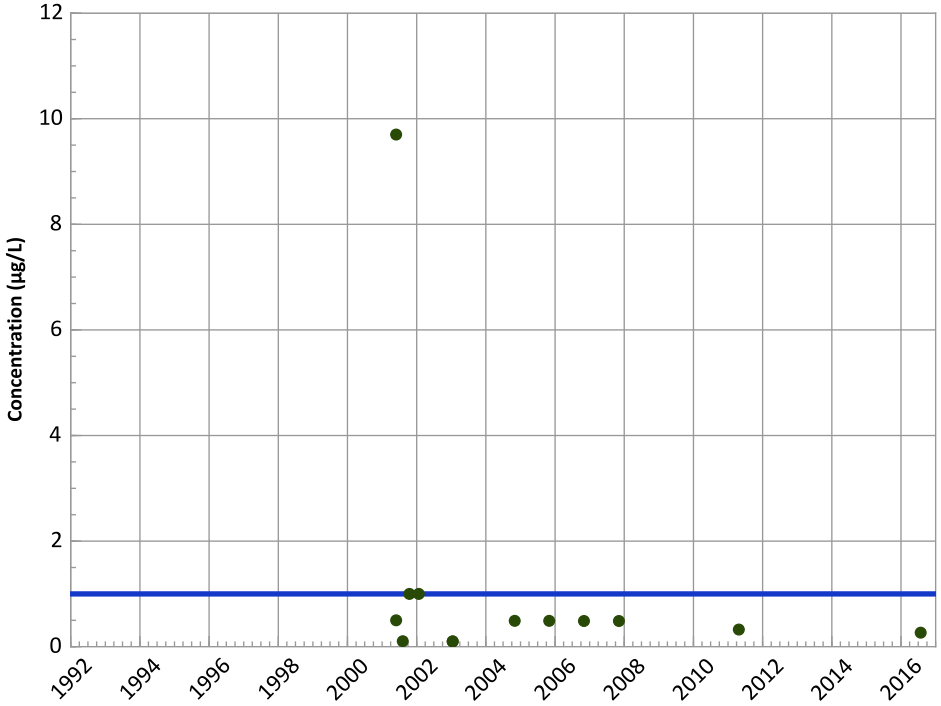


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

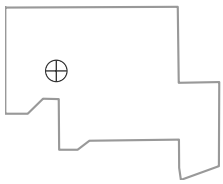
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/29/2001 to 07/27/2016
Analysis Date: 03/07/2017

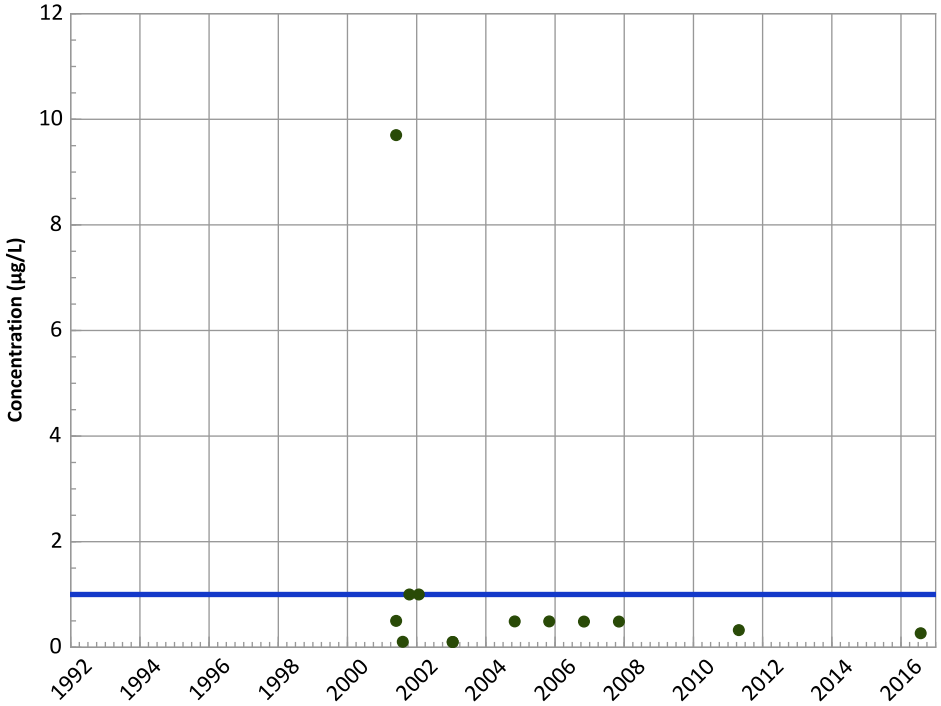
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1R03 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

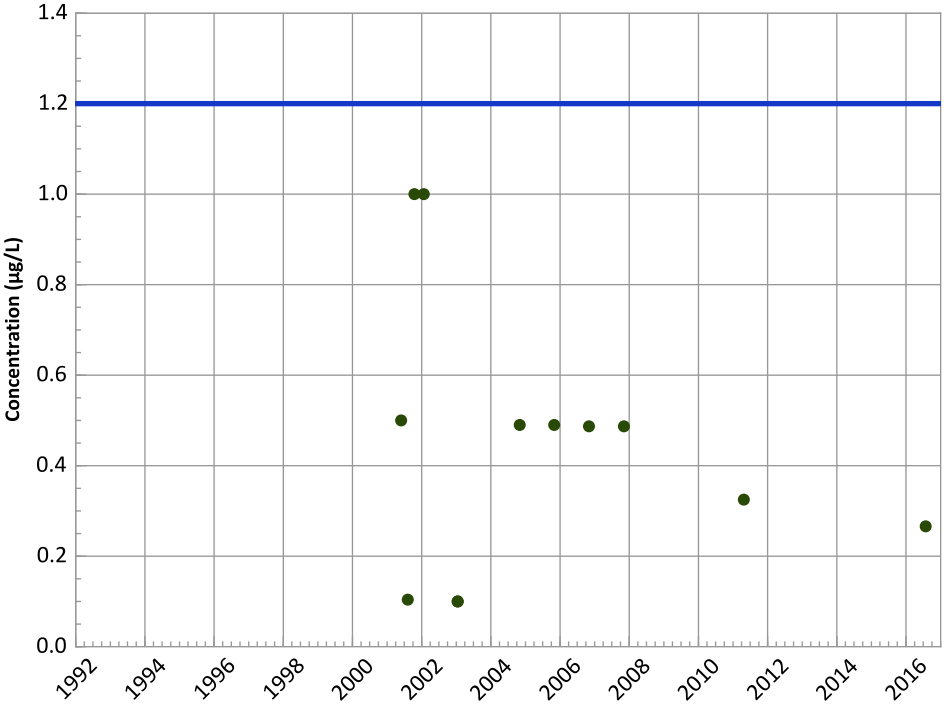


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

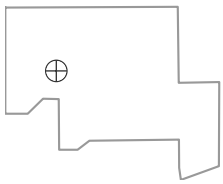
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/29/2001 to 07/27/2016
Analysis Date: 03/07/2017

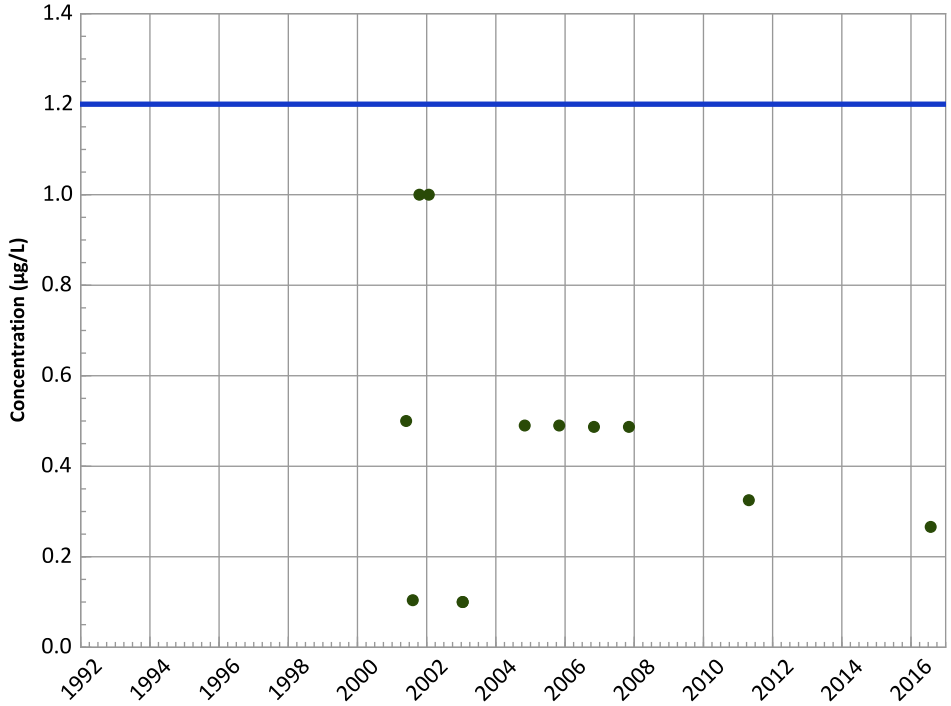
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1R03 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

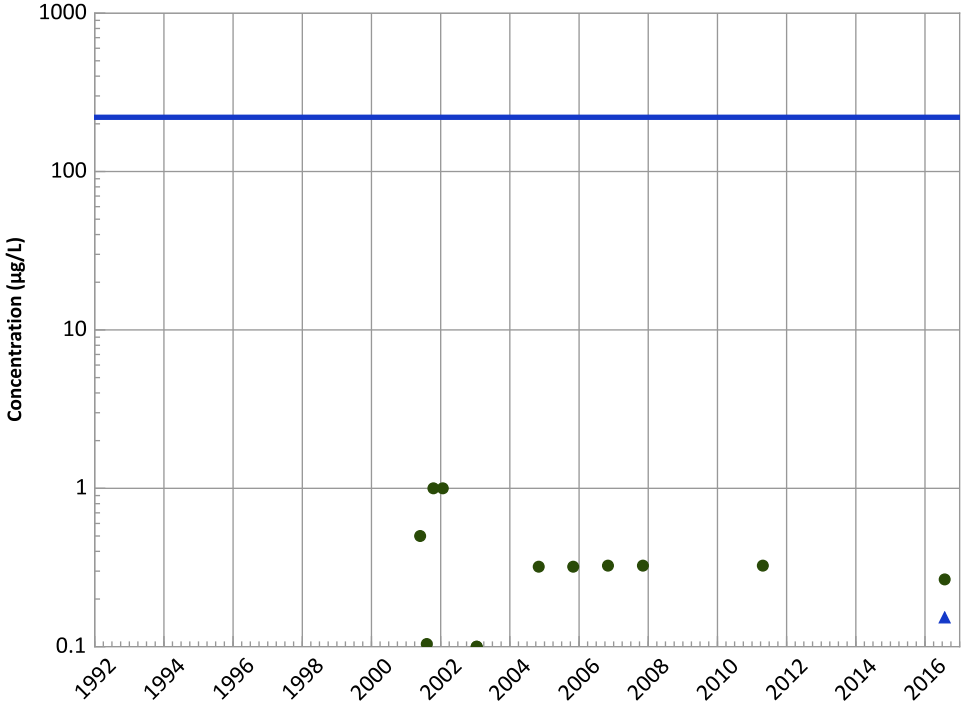


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

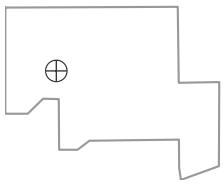
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/29/2001 to 07/27/2016
Analysis Date: 03/07/2017

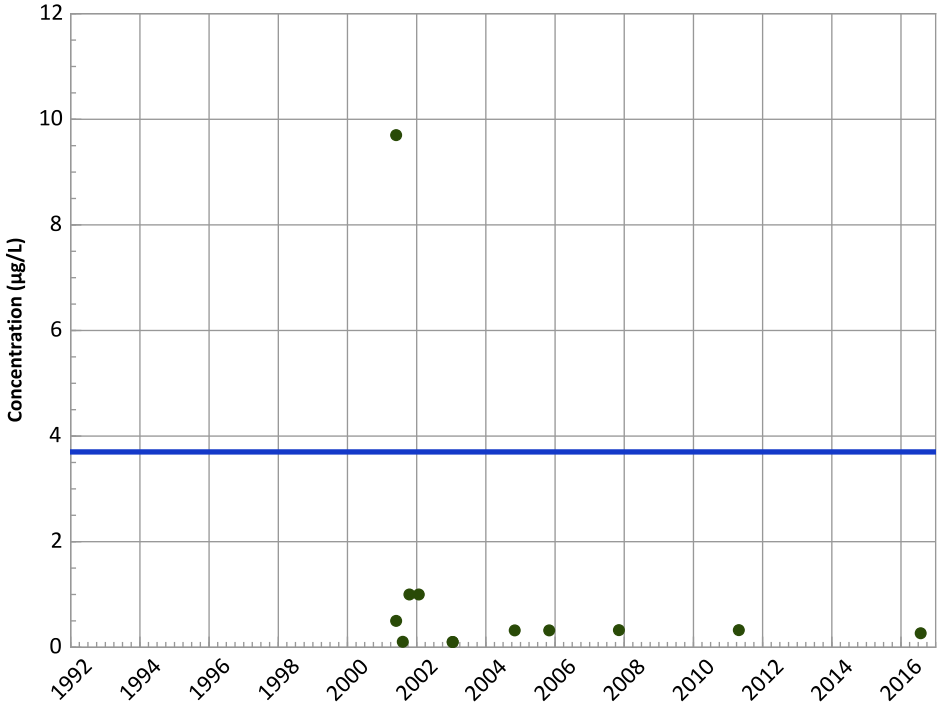
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1R03 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

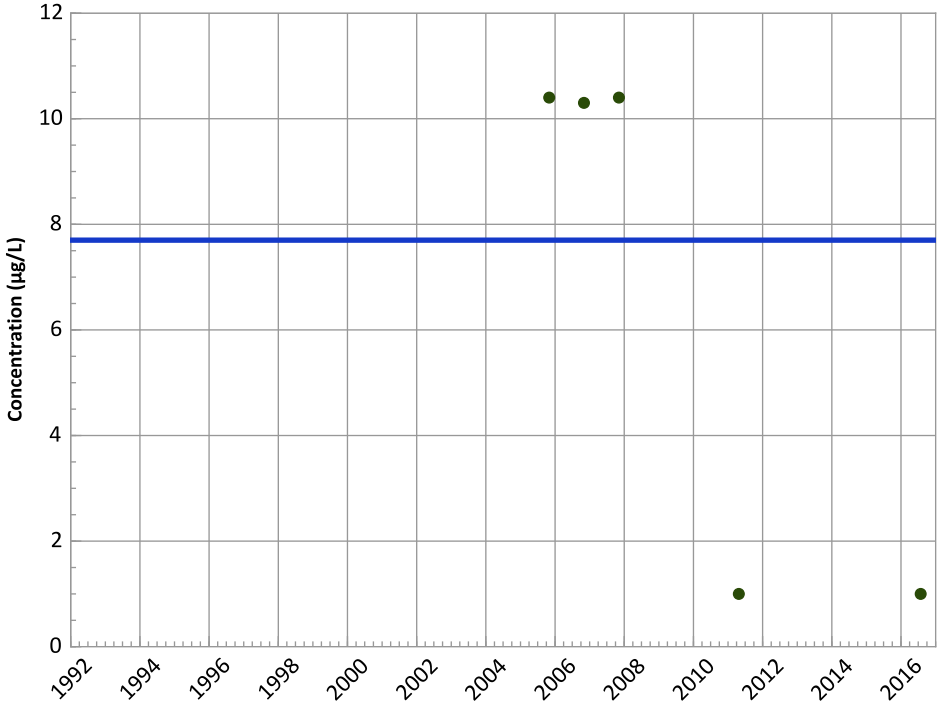


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

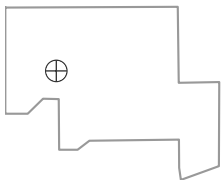
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/29/2001 to 07/27/2016
Analysis Date: 03/07/2017

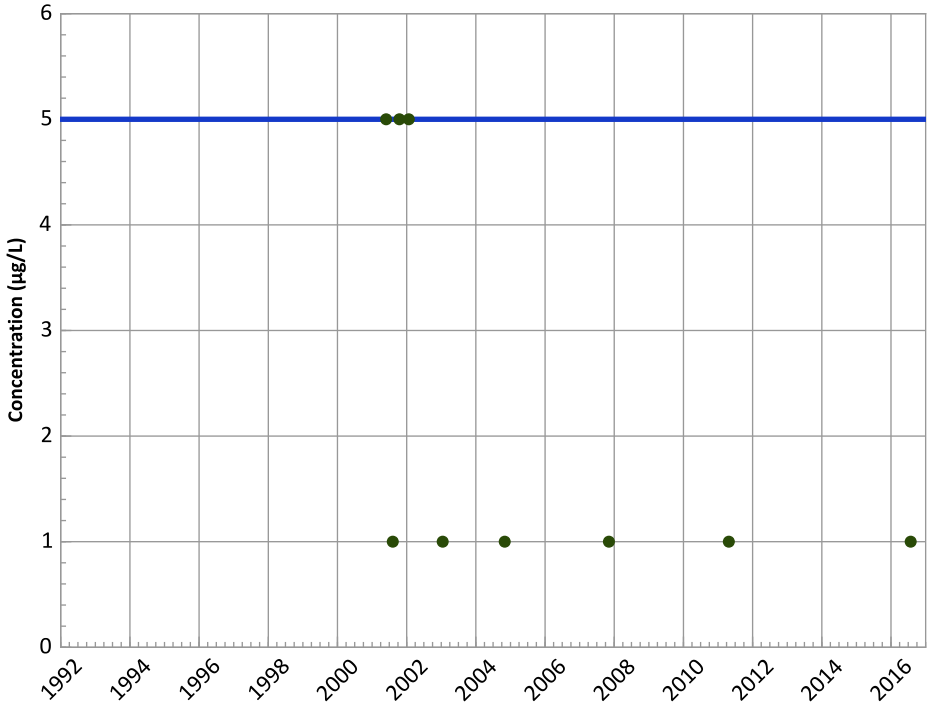
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

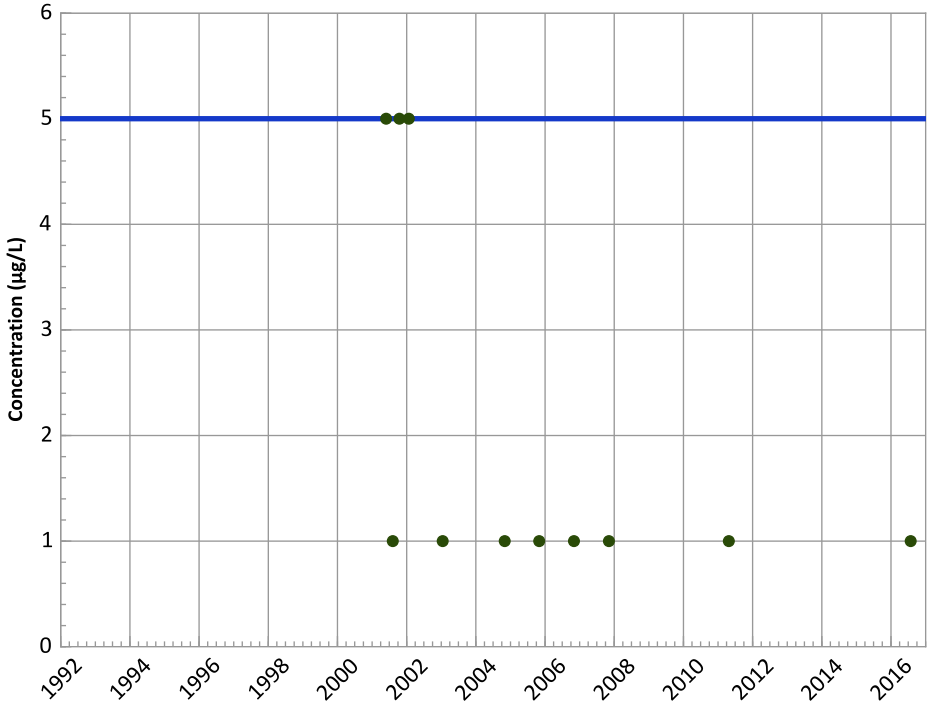


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

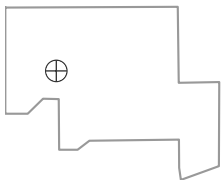
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/29/2001 to 07/27/2016
Analysis Date: 03/07/2017

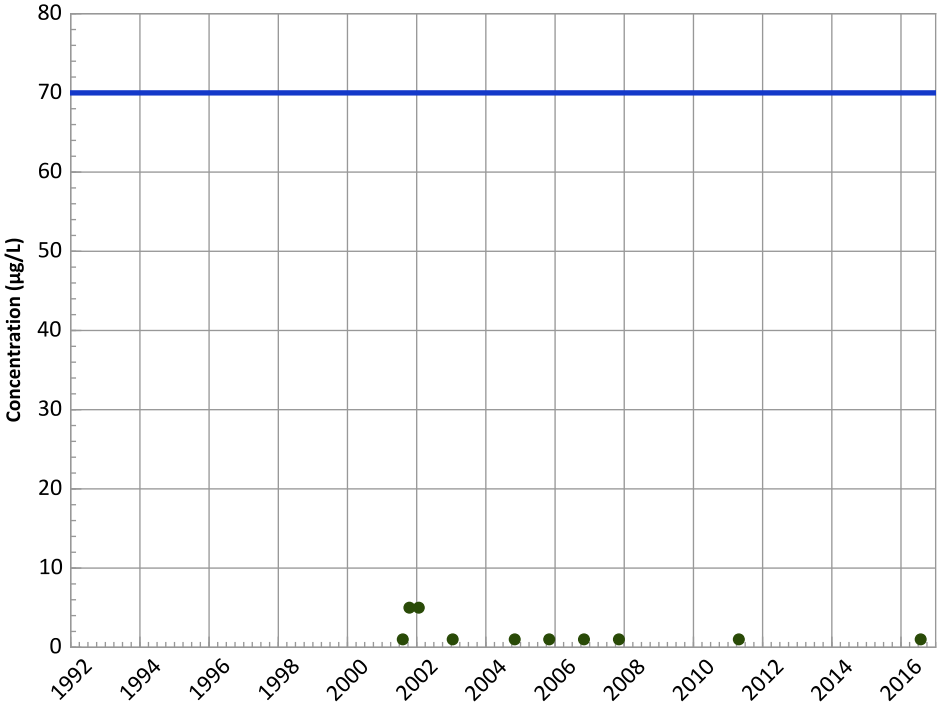
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R03 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

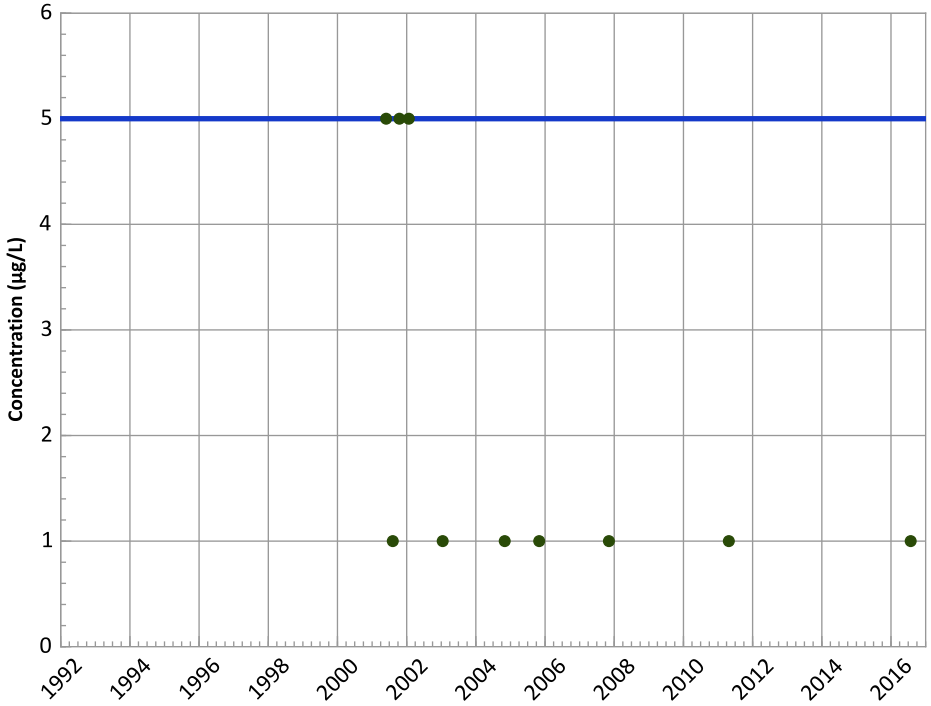


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

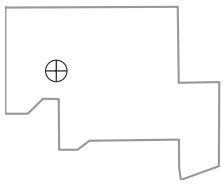
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/29/2001 to 07/27/2016
Analysis Date: 03/07/2017

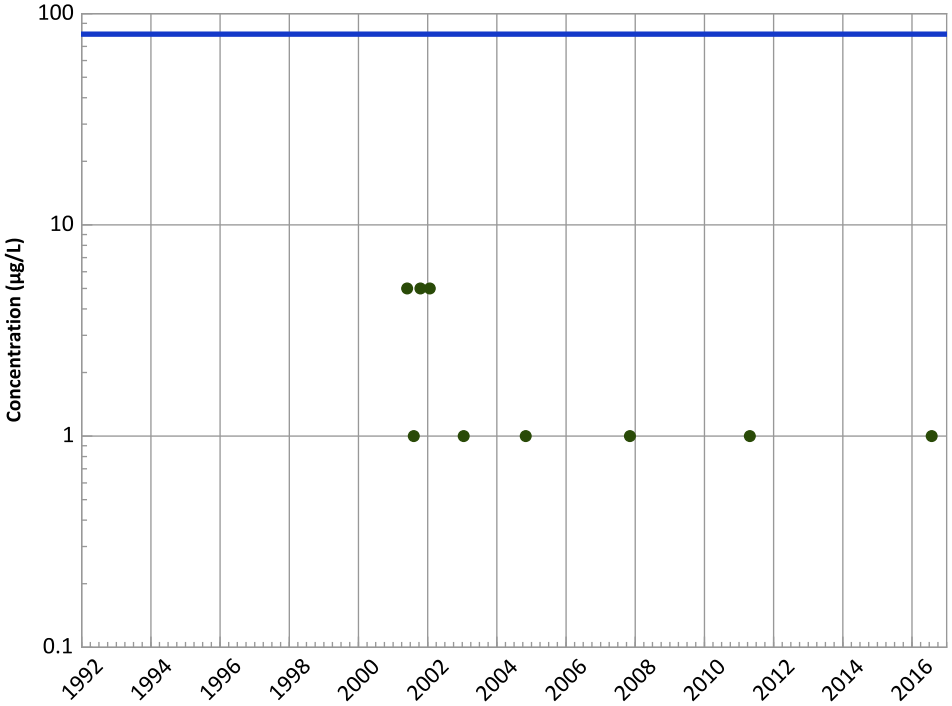
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

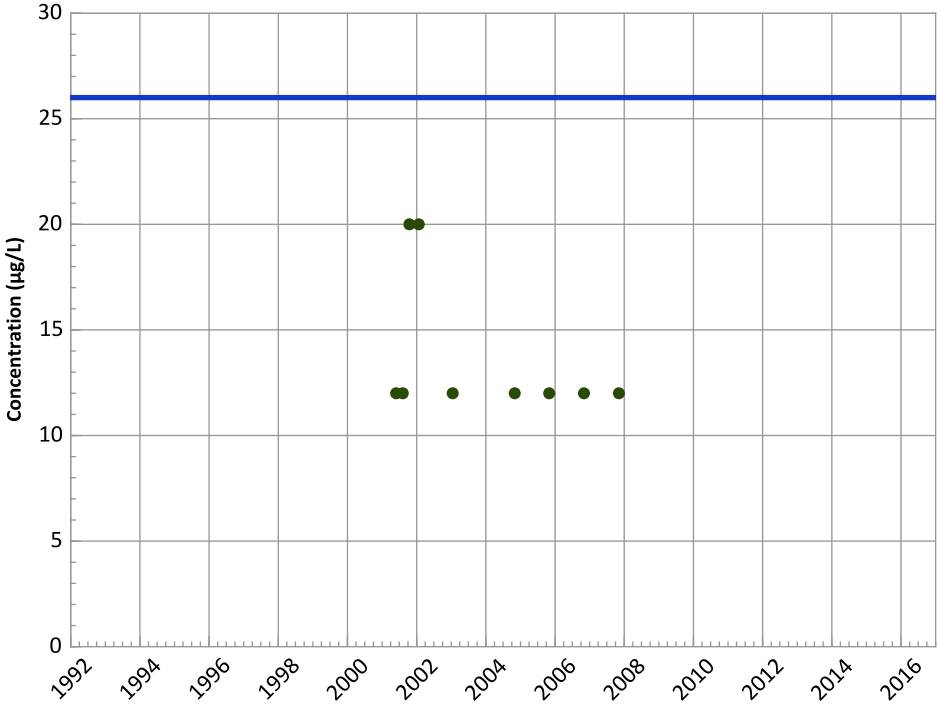


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

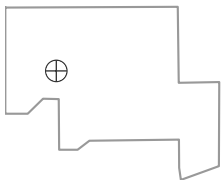
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/29/2001 to 07/27/2016
Analysis Date: 03/07/2017

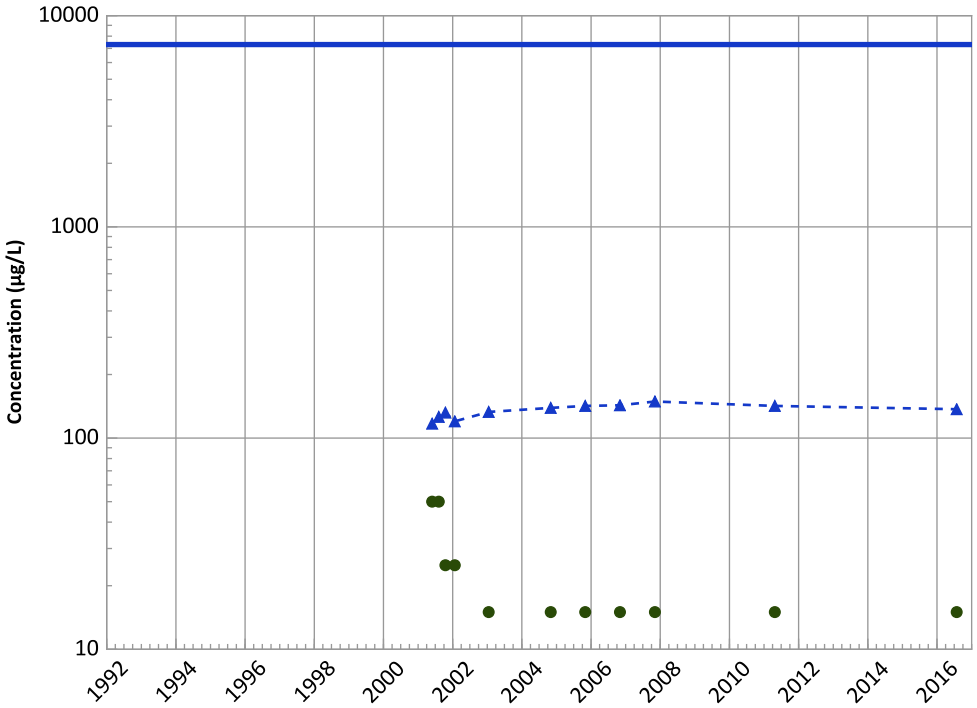
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

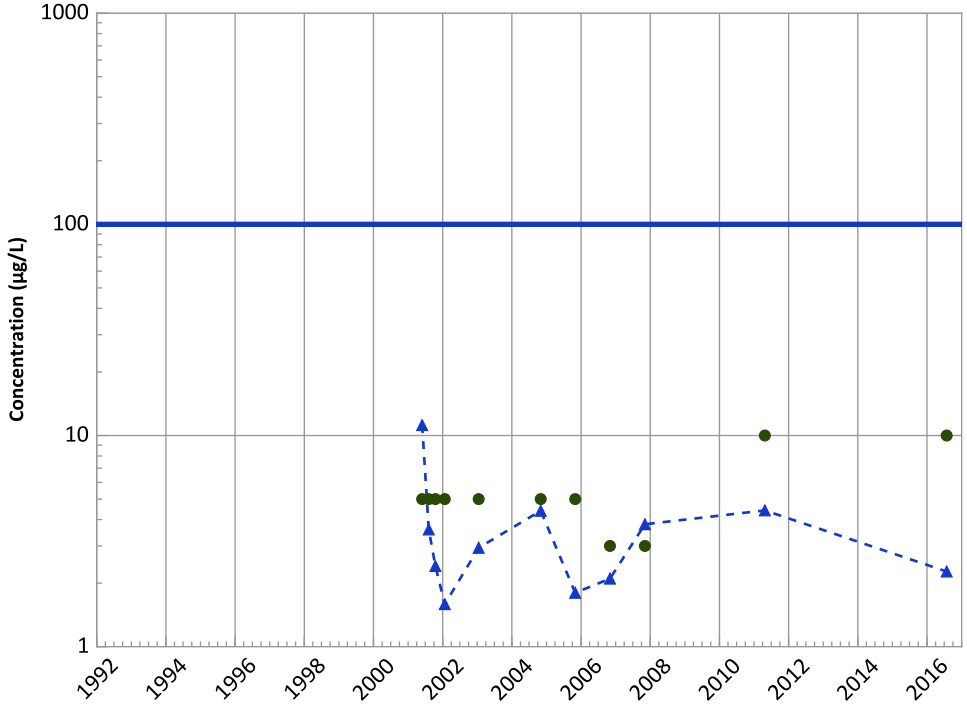


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Chromium, Total Trend



Concentration Trend

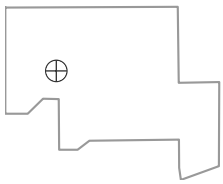
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/29/2001 to 07/27/2016
Analysis Date: 03/07/2017

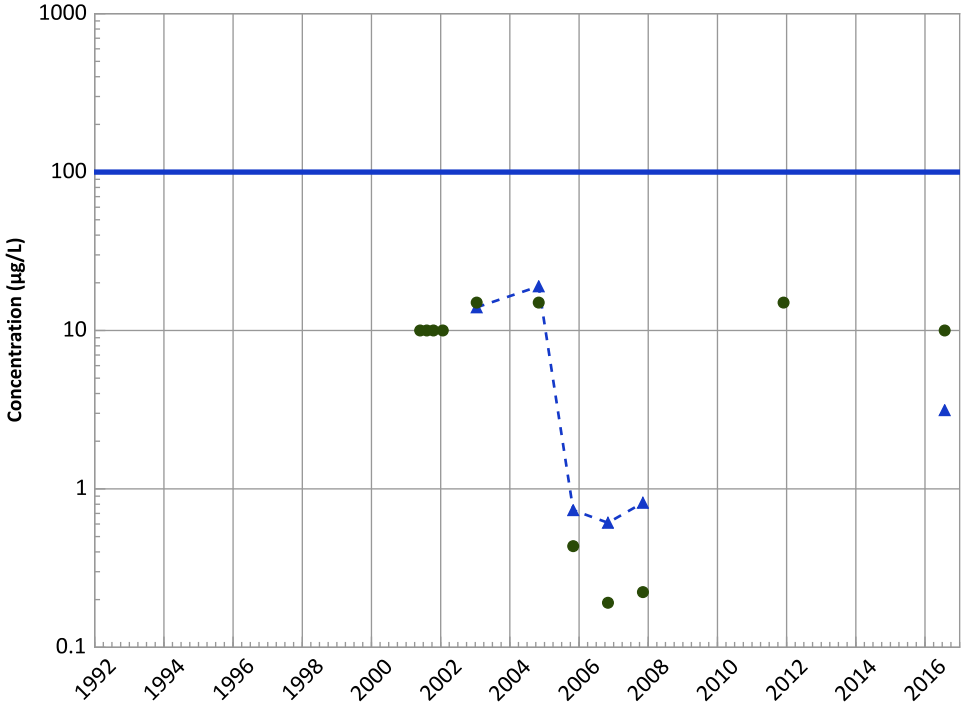
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

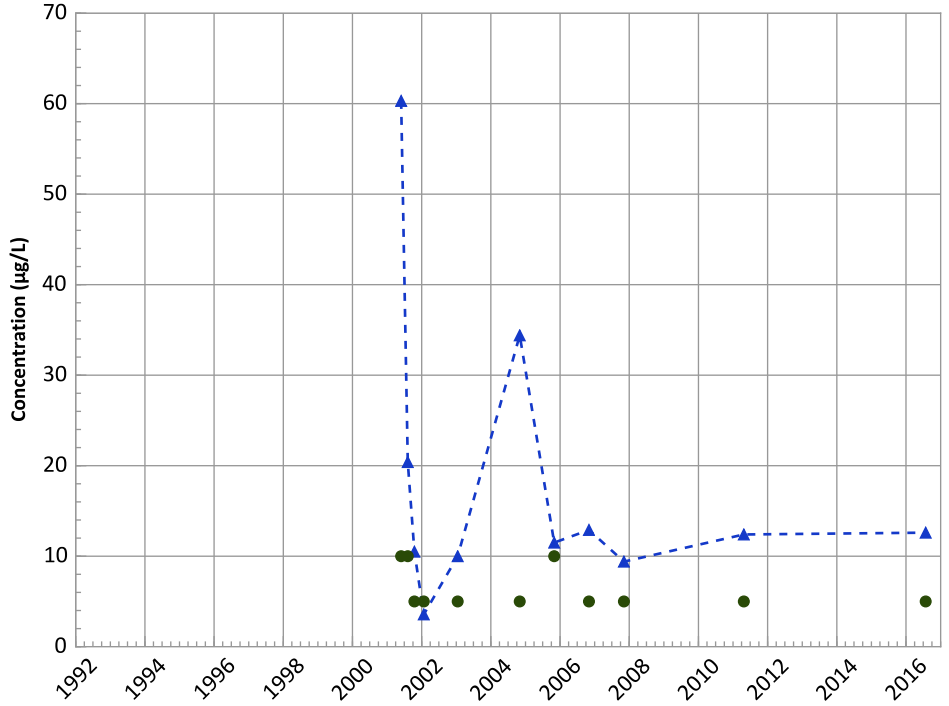


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Manganese Trend



Concentration Trend

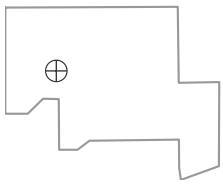
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/29/2001 to 07/27/2016
Analysis Date: 03/07/2017

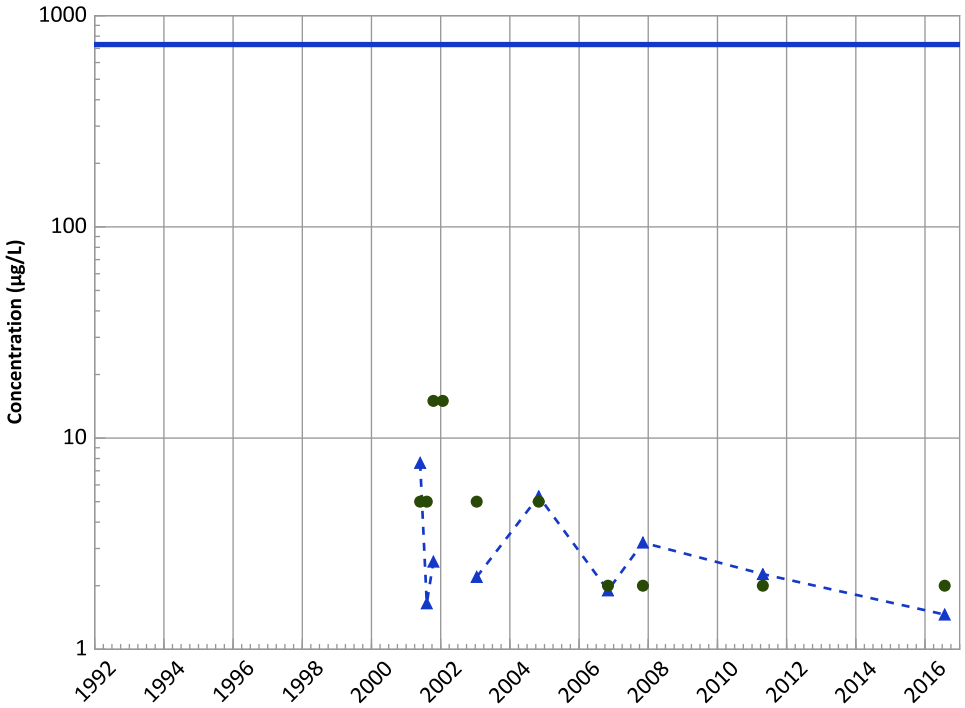
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

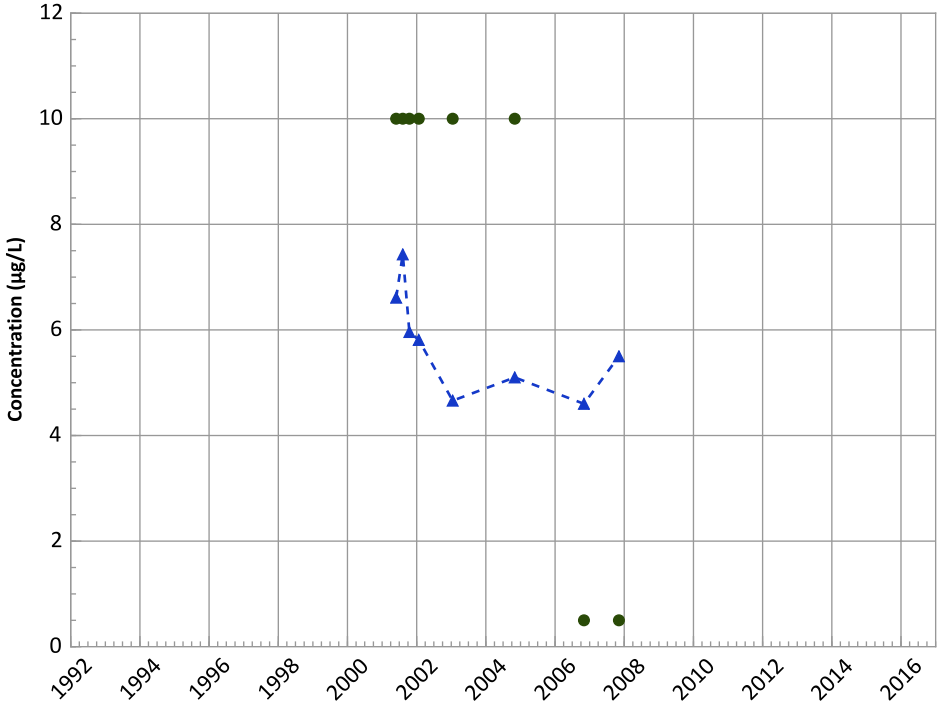


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Molybdenum Trend



Concentration Trend

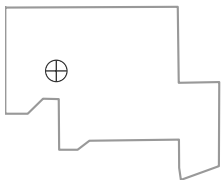
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/29/2001 to 07/27/2016
Analysis Date: 03/07/2017

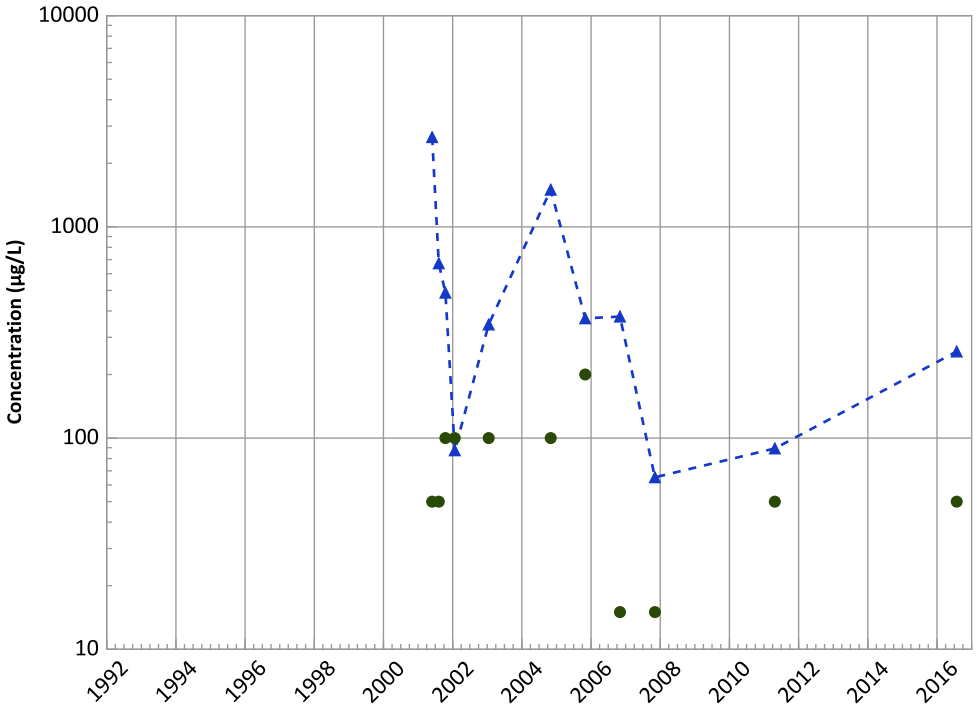
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

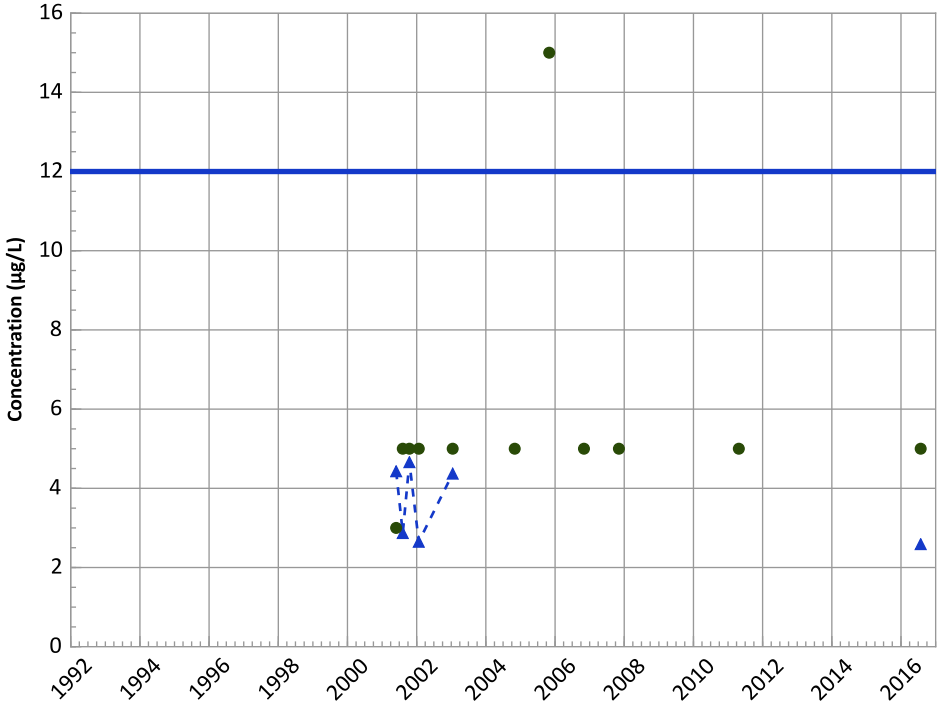


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

Arsenic Trend



Concentration Trend

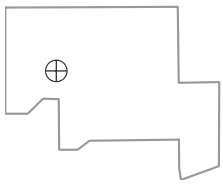
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/29/2001 to 07/27/2016
Analysis Date: 03/07/2017

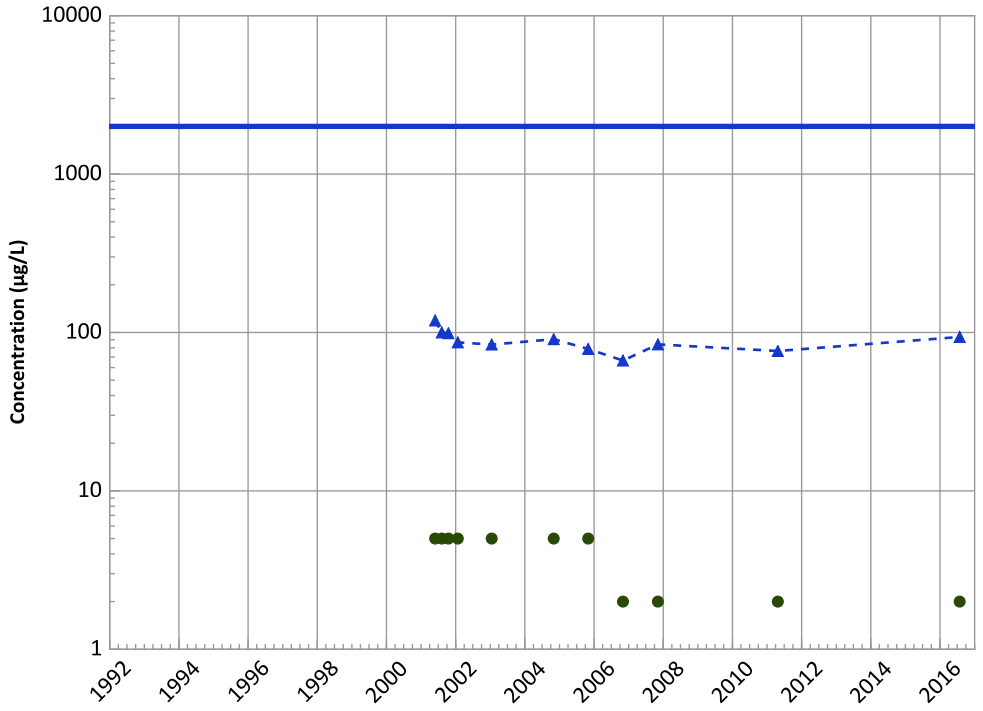
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

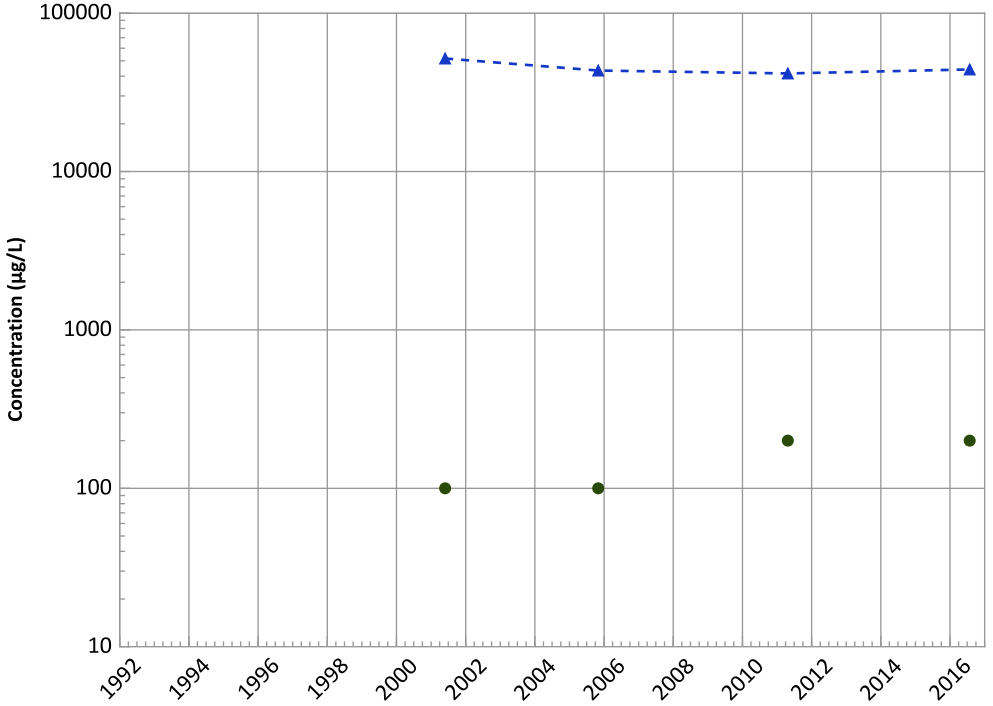


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Calcium Trend



Concentration Trend

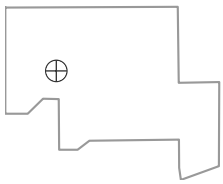
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/29/2001 to 07/27/2016
Analysis Date: 03/07/2017

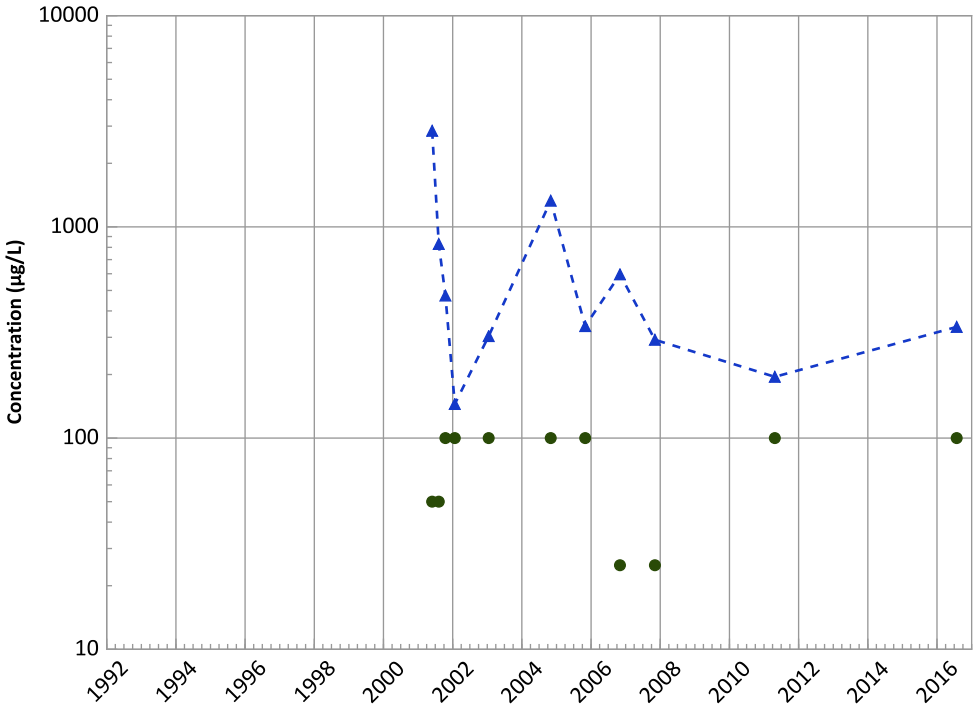
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

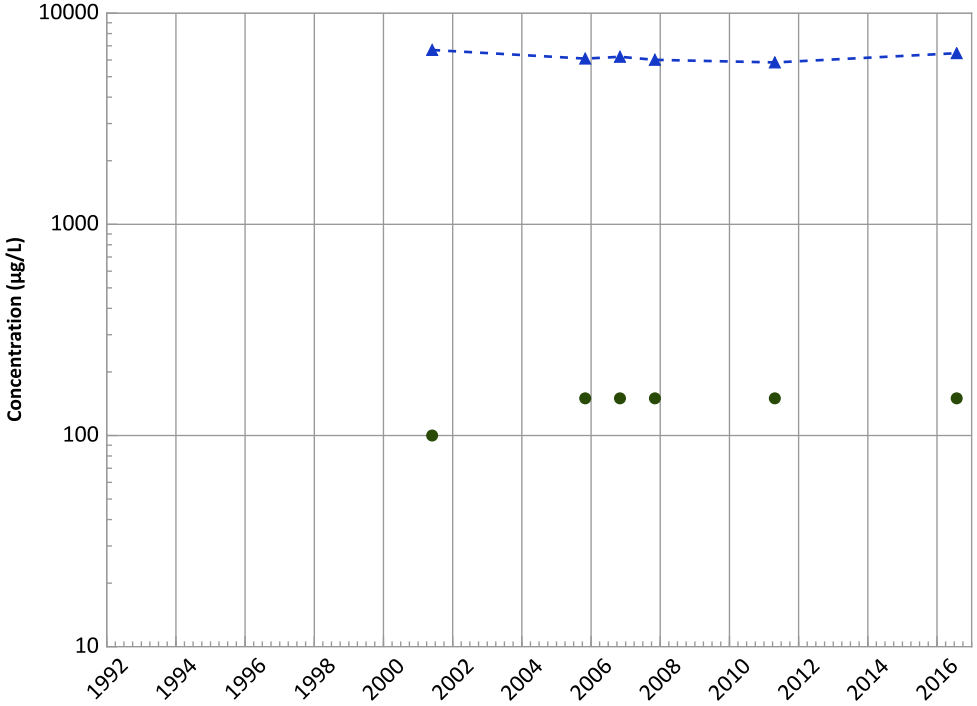


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Potassium Trend



Concentration Trend

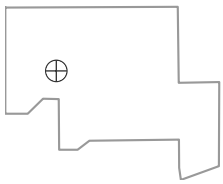
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/29/2001 to 07/27/2016
Analysis Date: 03/07/2017

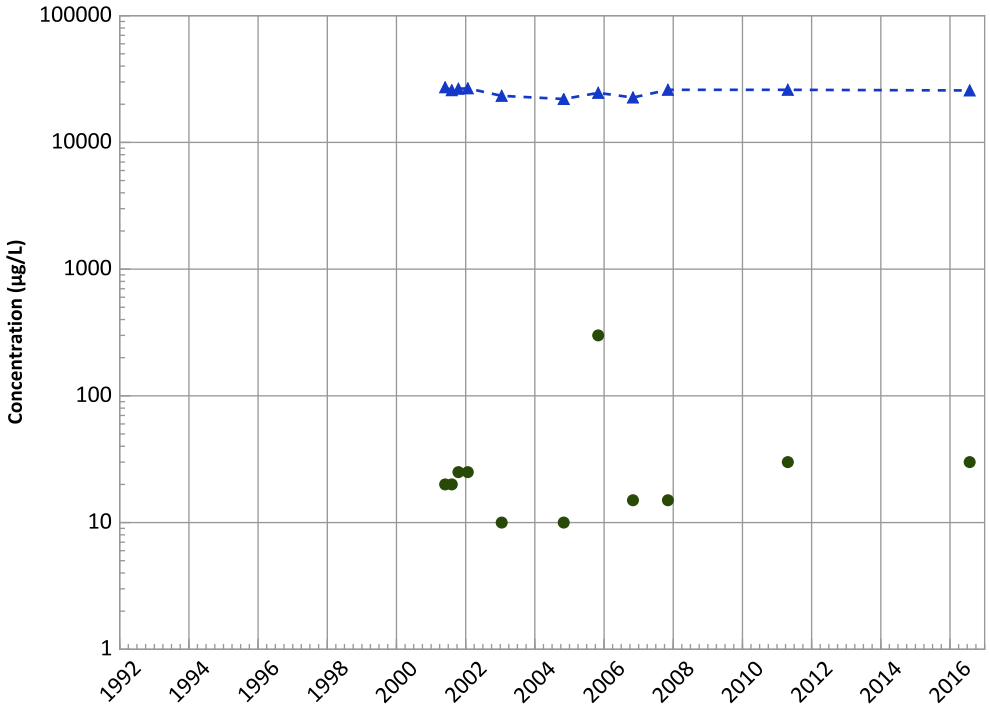
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

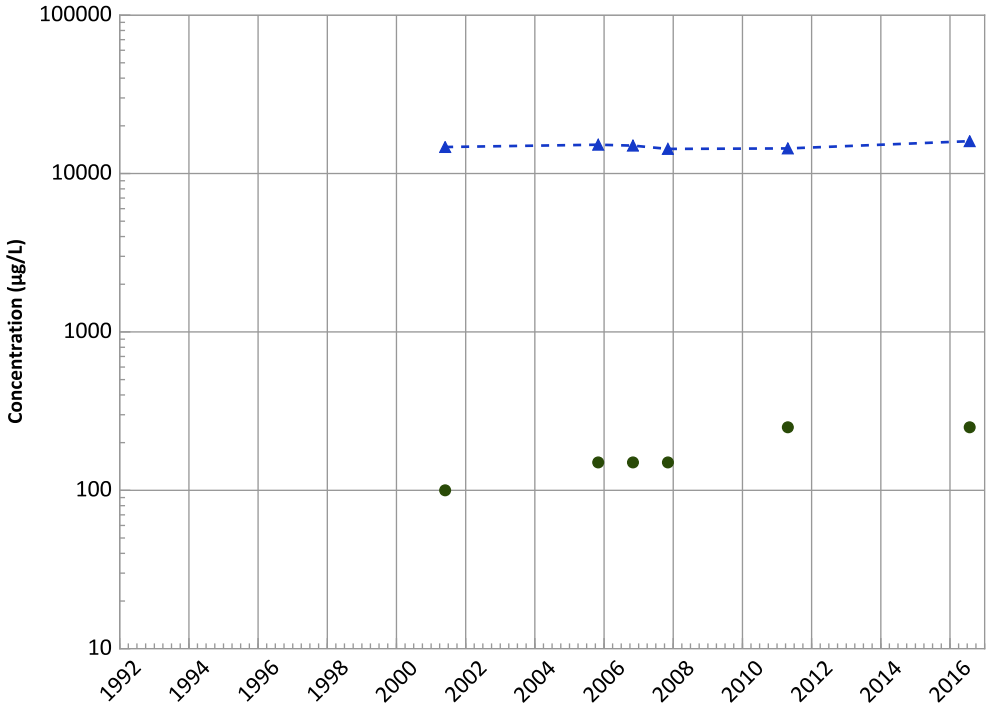


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Sodium Trend



Concentration Trend

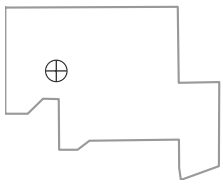
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

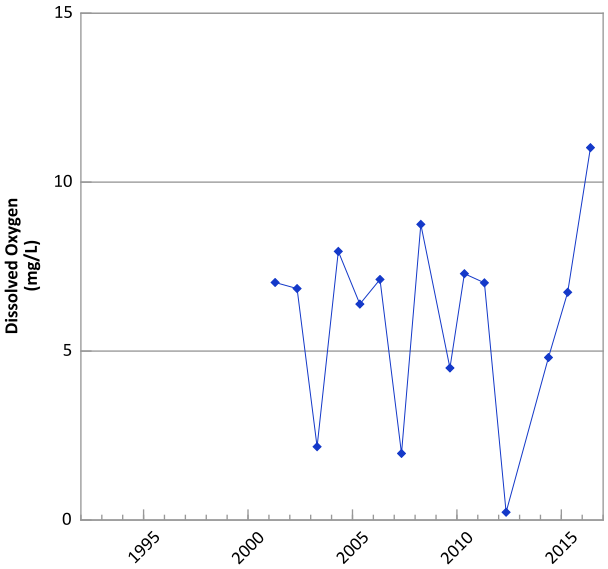
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/29/2001 to 07/27/2016
Analysis Date: 03/07/2017

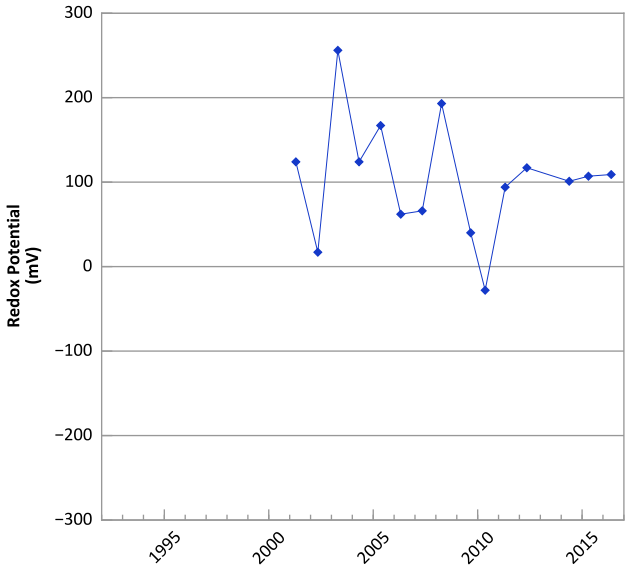
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

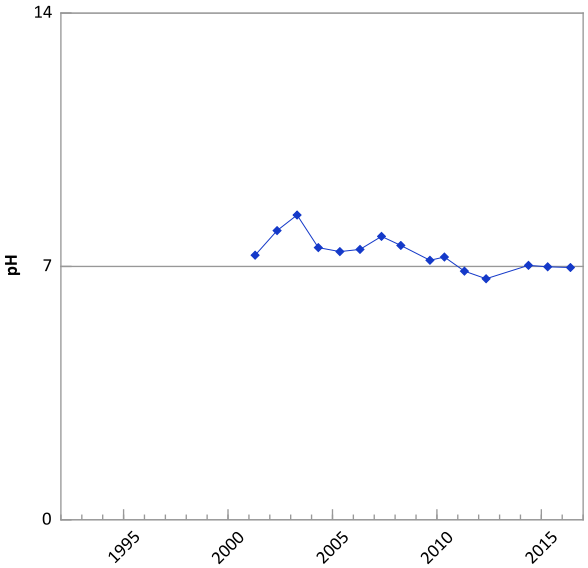
Well Location

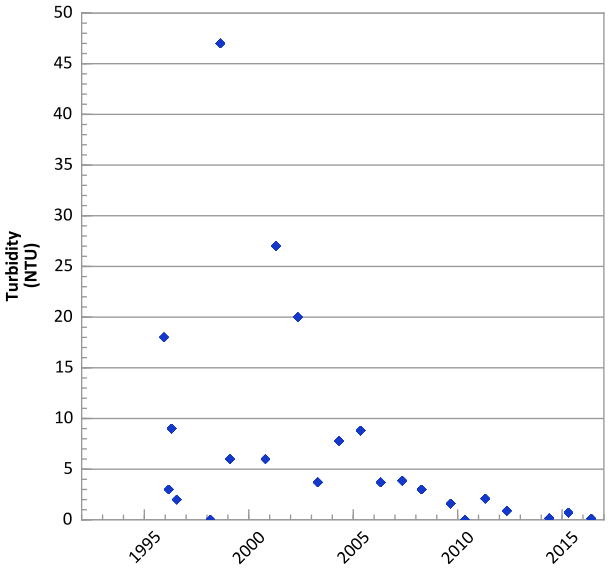


PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



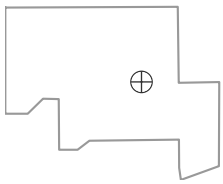






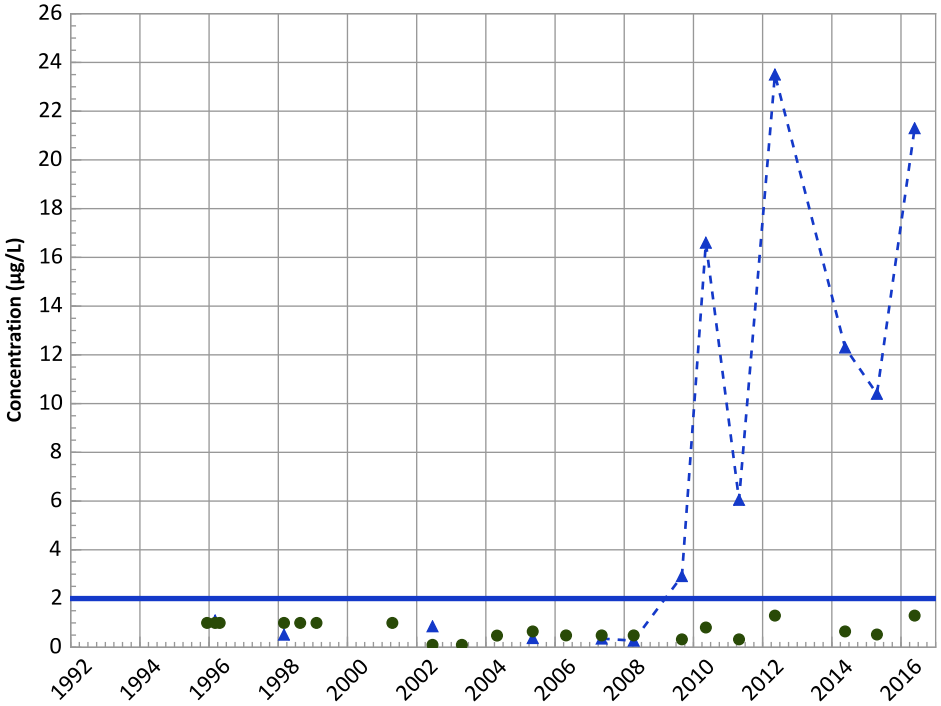
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 05/24/2016
Analysis Date: 03/07/2017

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

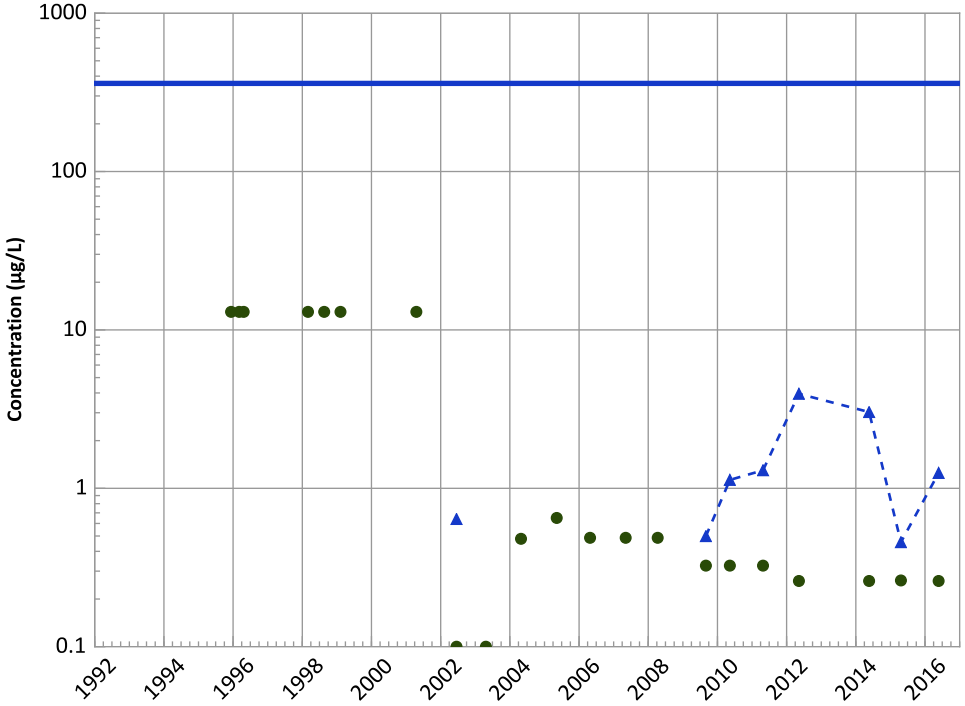


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

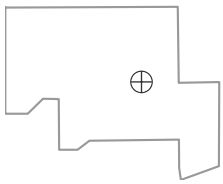
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 05/24/2016
Analysis Date: 03/07/2017

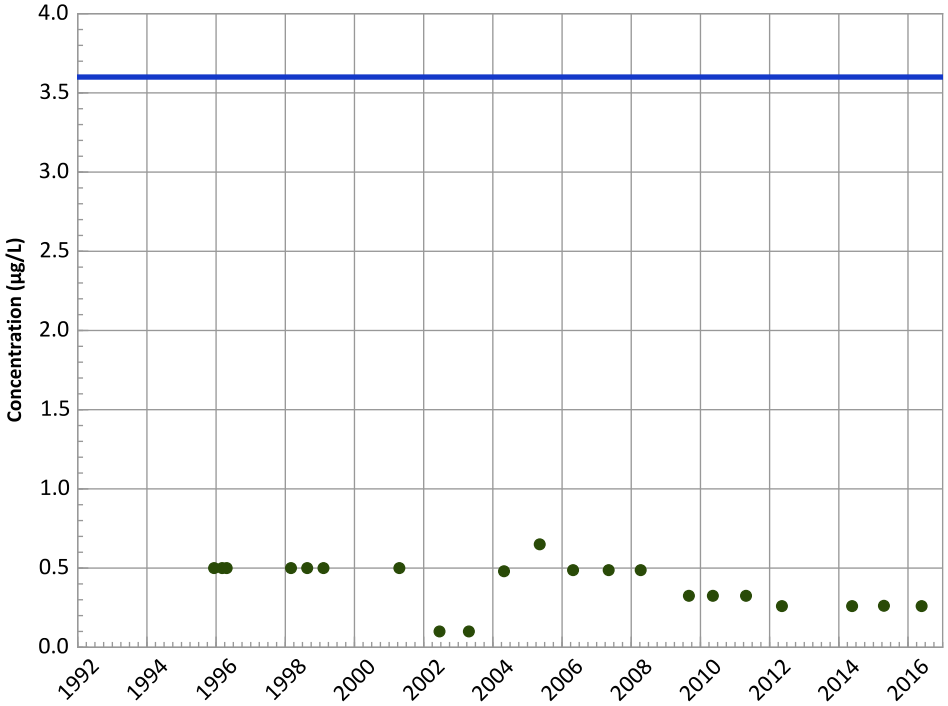
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

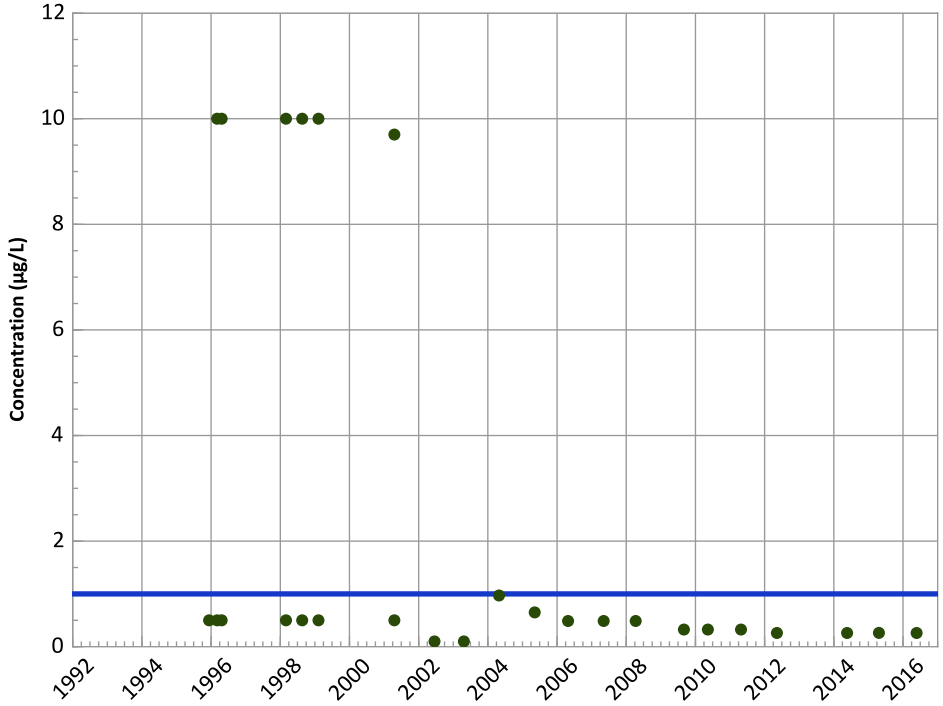


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

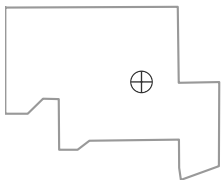
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 05/24/2016
Analysis Date: 03/07/2017

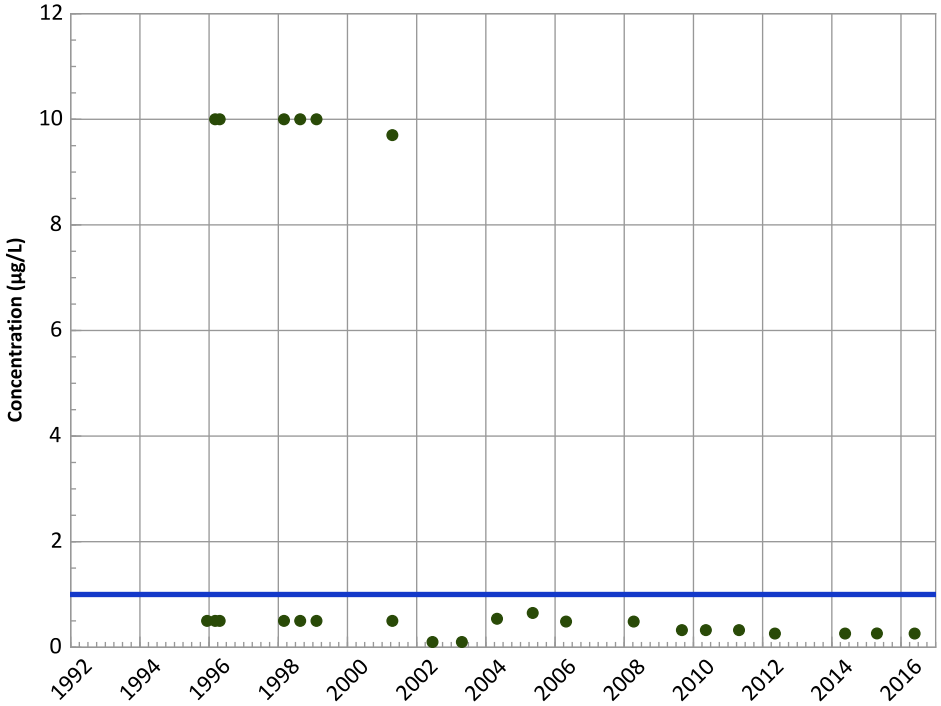
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

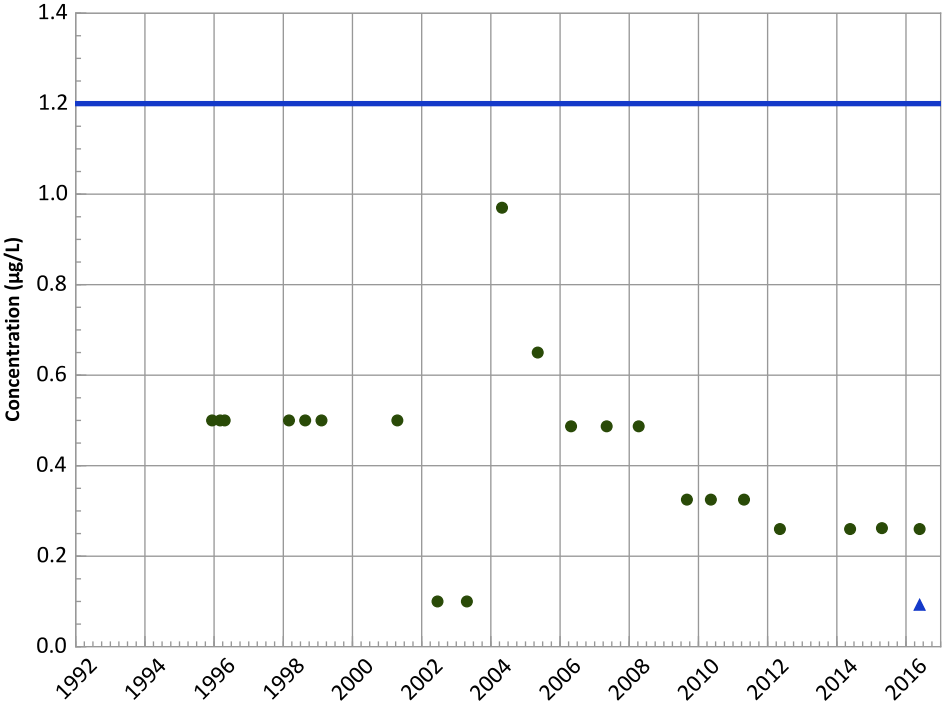


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

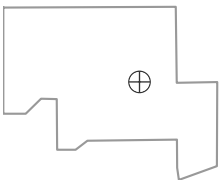
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 05/24/2016
Analysis Date: 03/07/2017

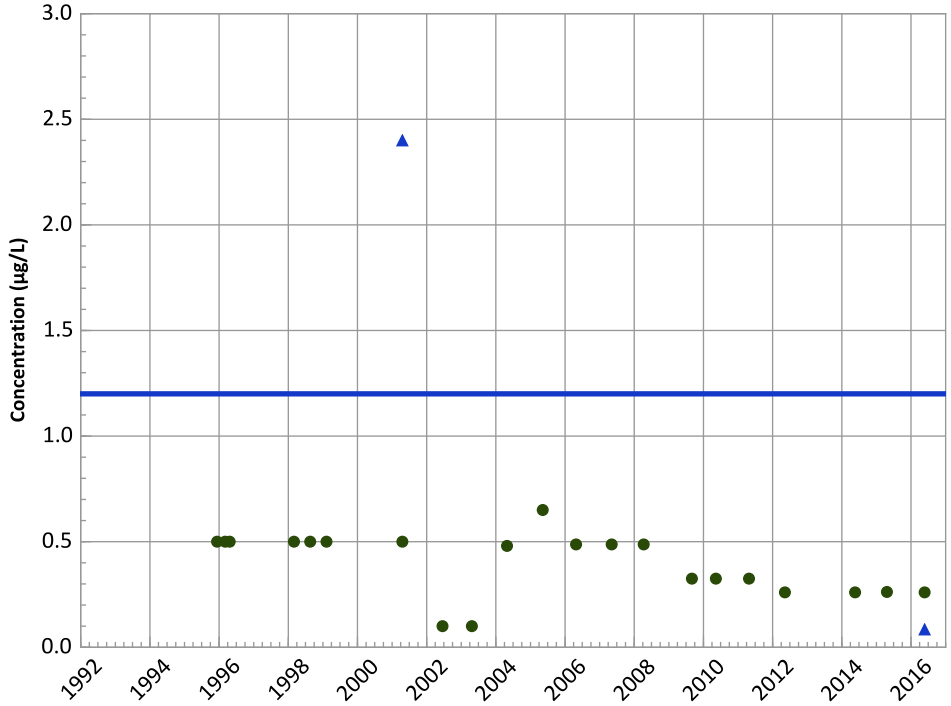
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

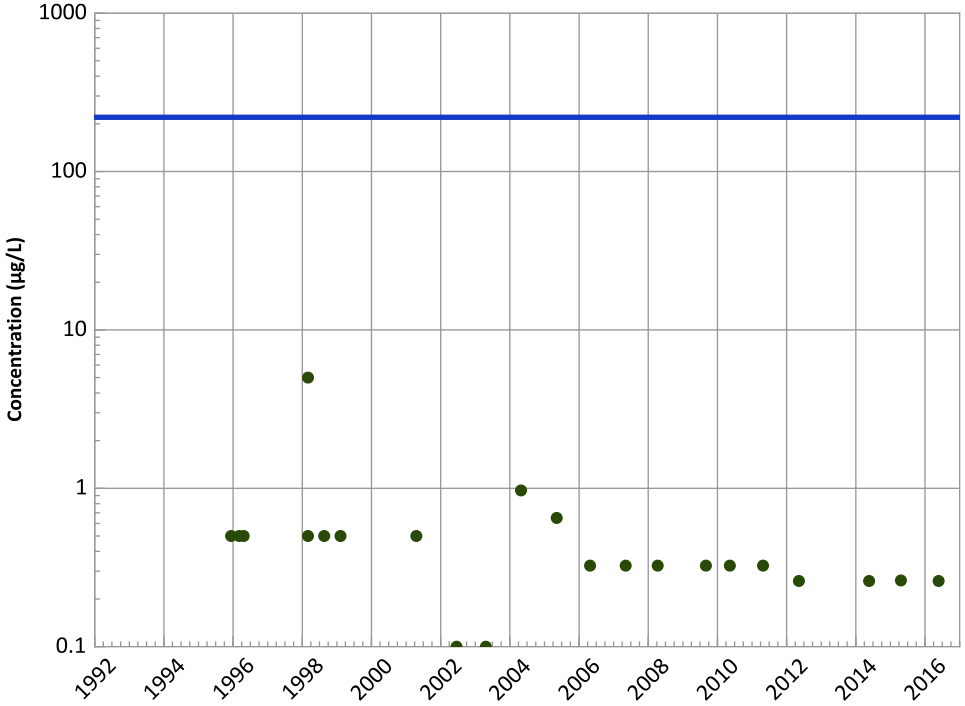


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

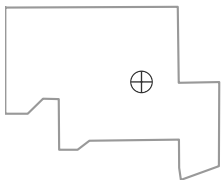
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 05/24/2016
Analysis Date: 03/07/2017

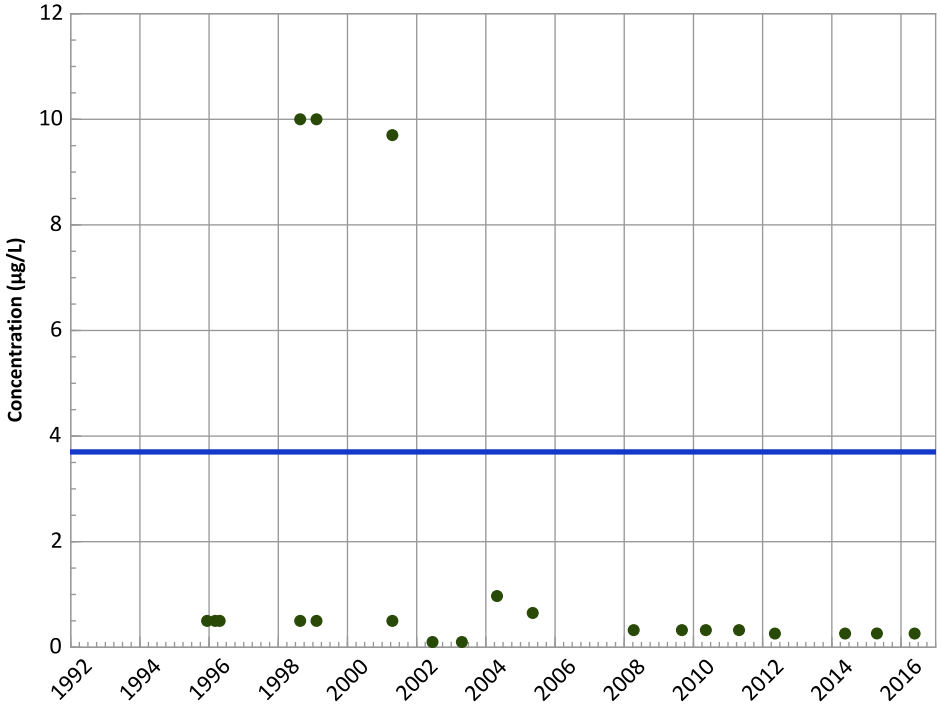
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

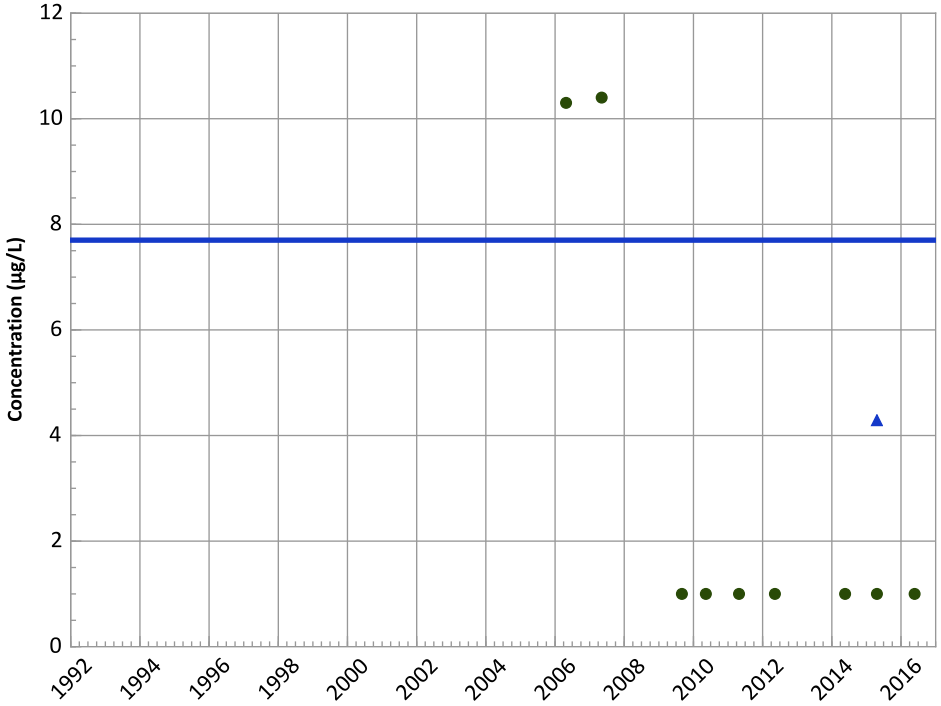


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

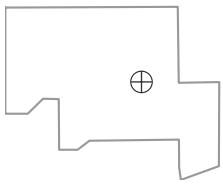
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 05/24/2016
Analysis Date: 03/07/2017

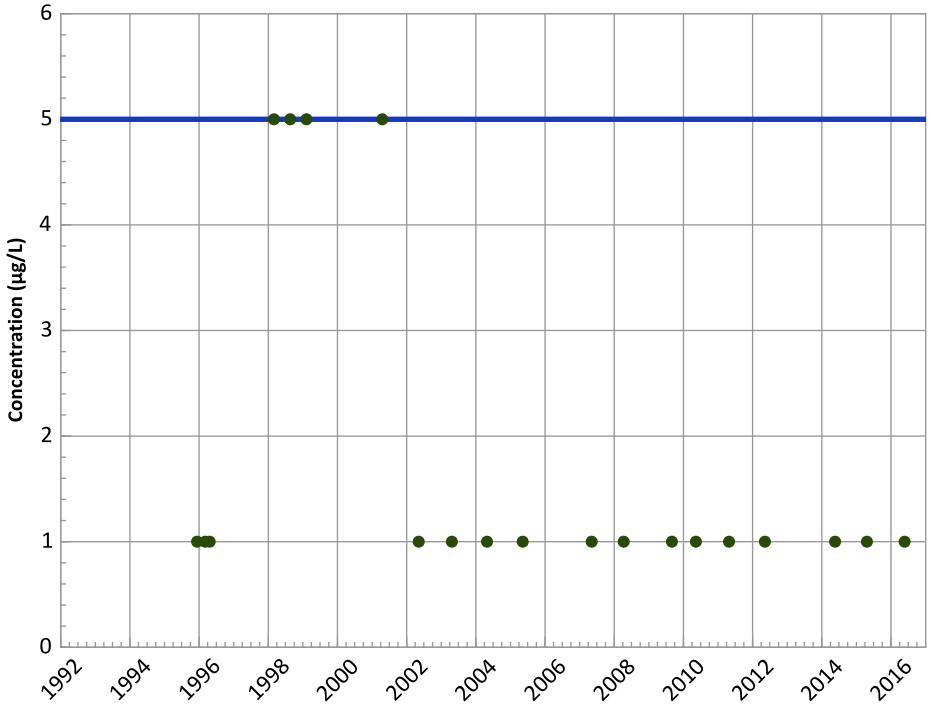
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

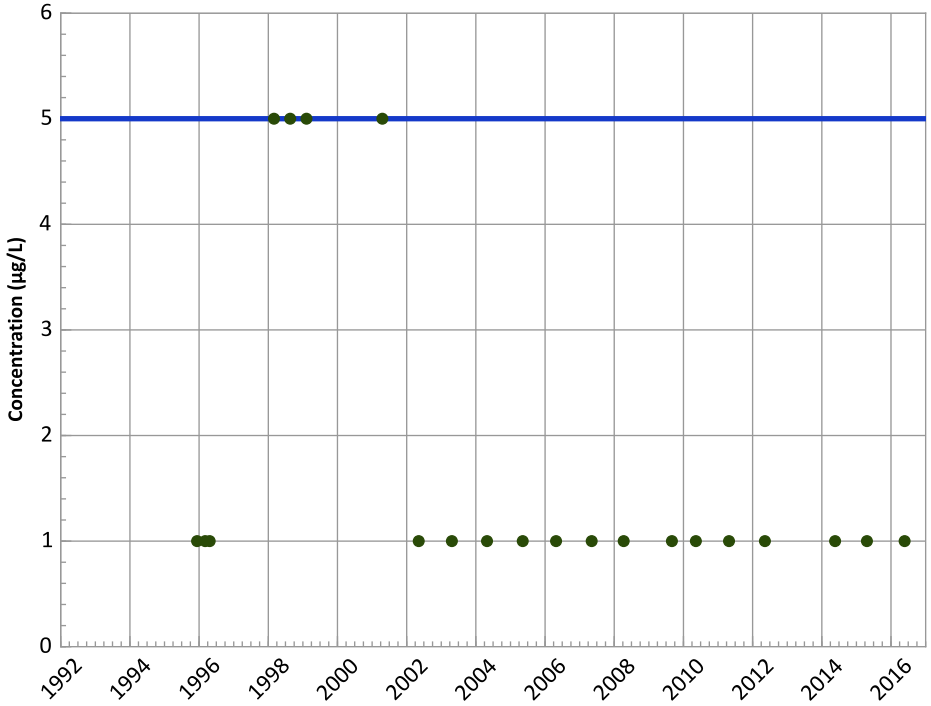


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

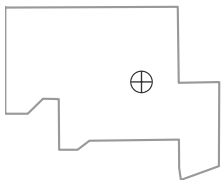
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 05/24/2016
Analysis Date: 03/07/2017

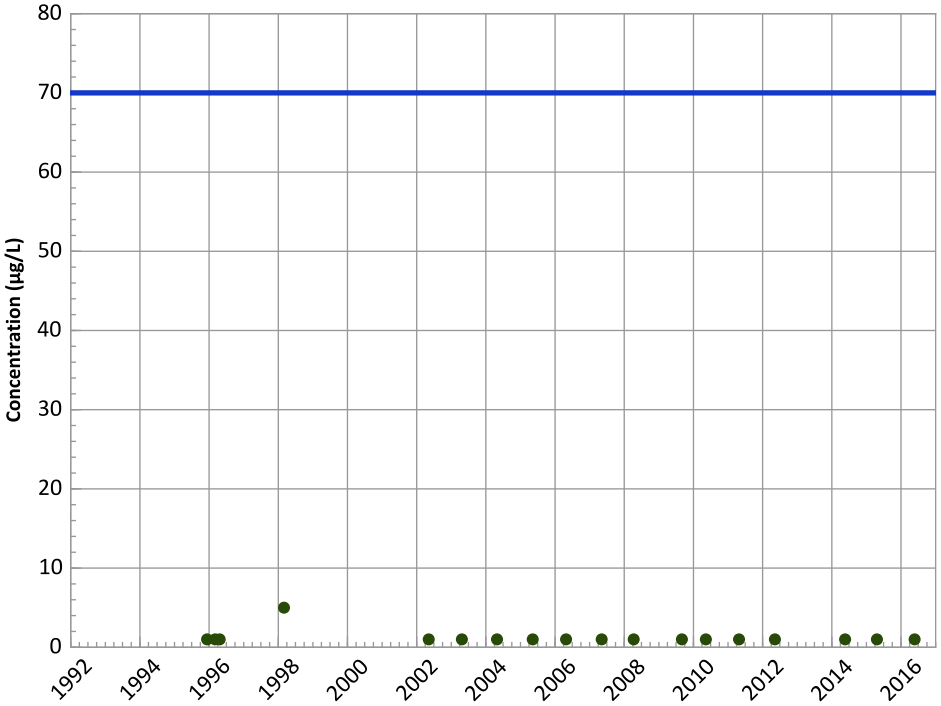
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

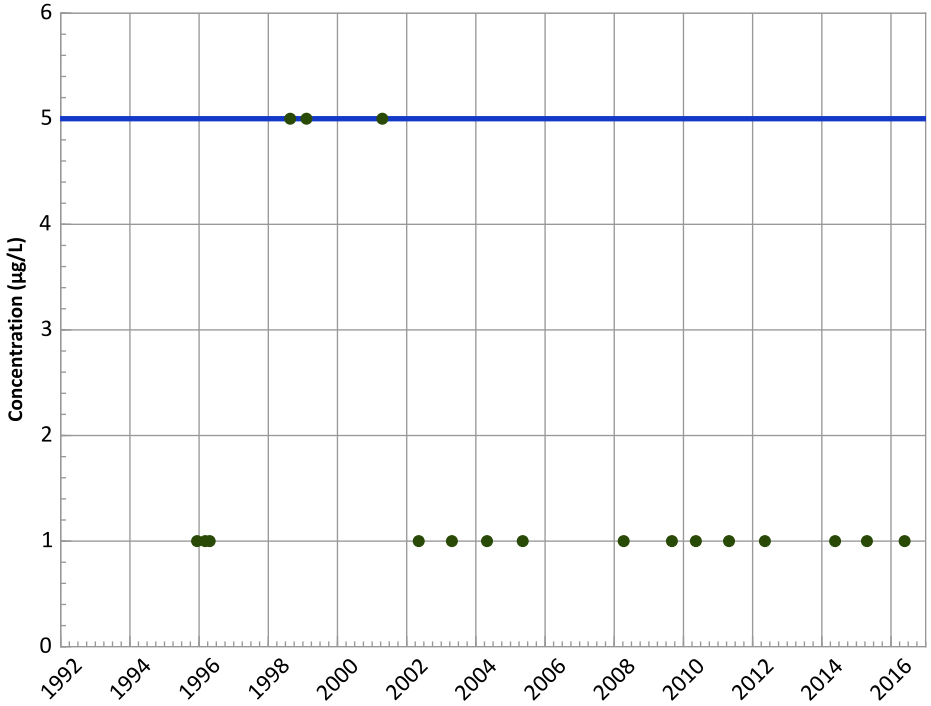


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

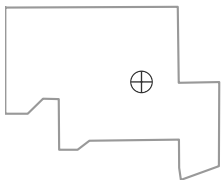
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 05/24/2016
Analysis Date: 03/07/2017

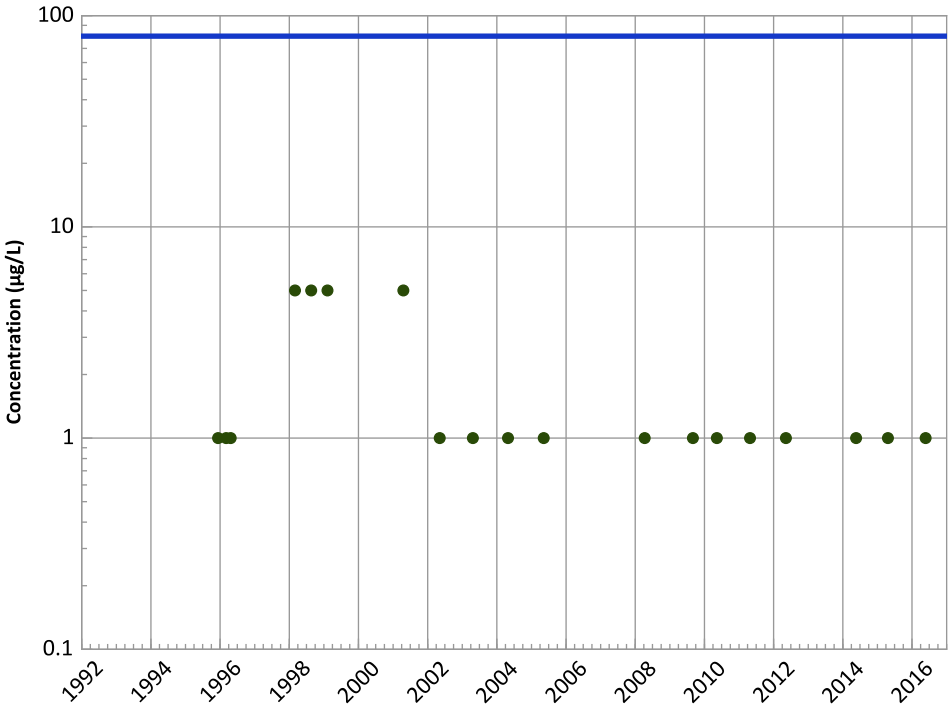
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

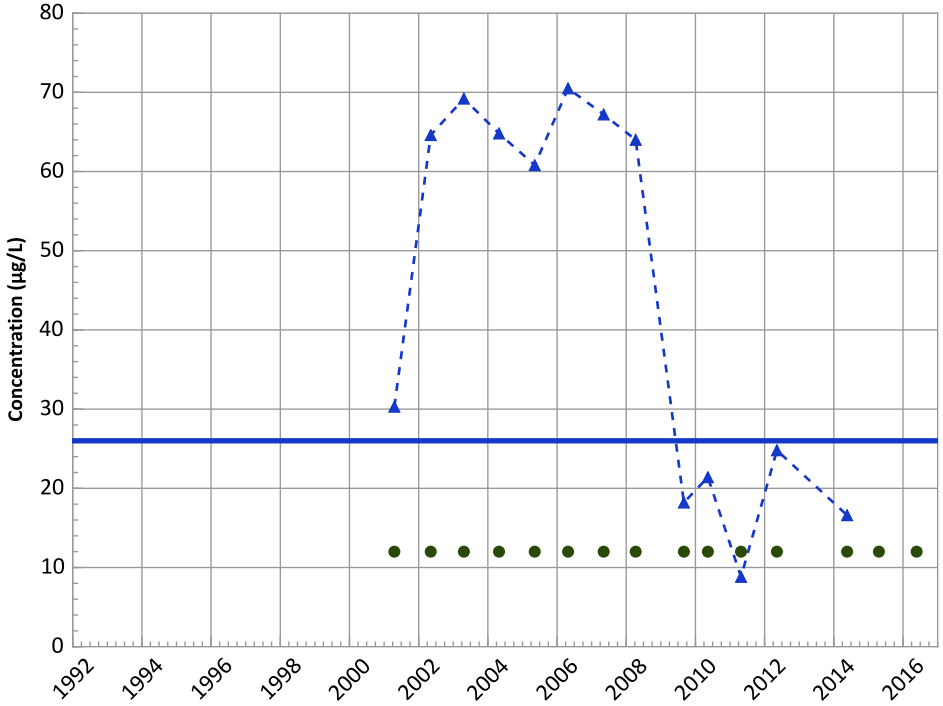


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

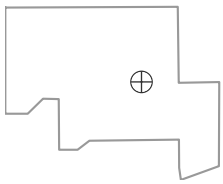
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 05/24/2016
Analysis Date: 03/07/2017

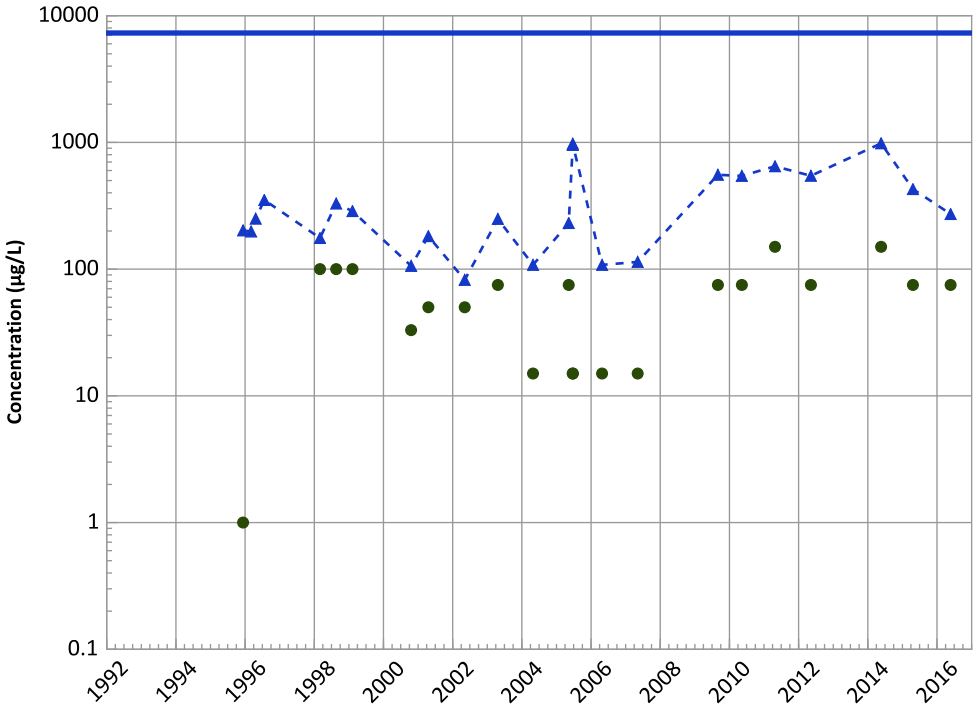
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

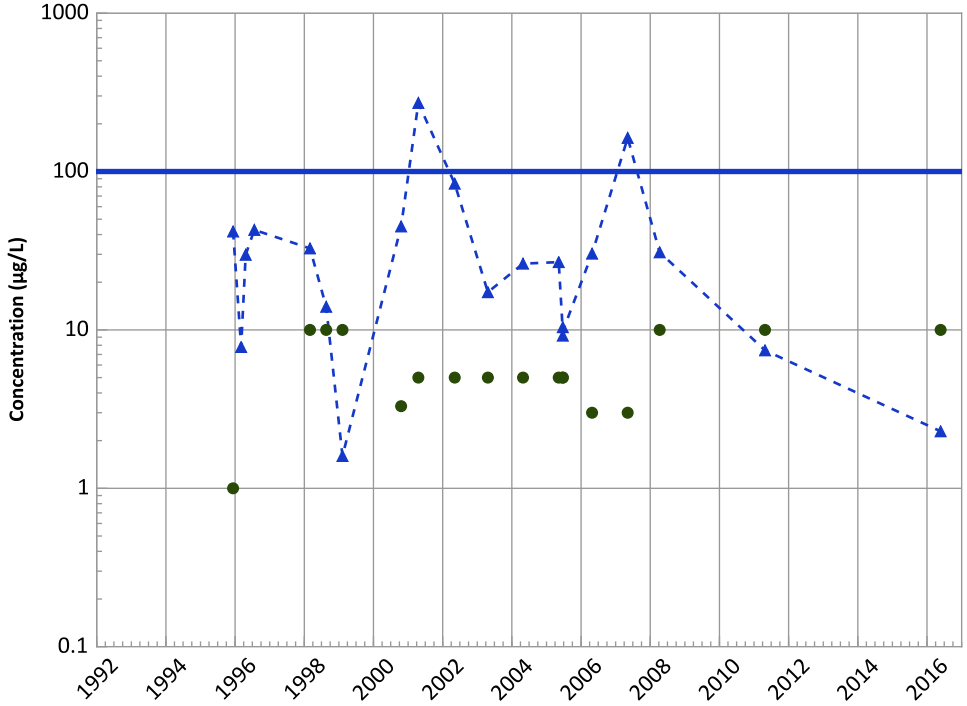


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Chromium, Total Trend



Concentration Trend

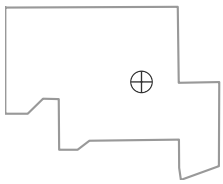
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 05/24/2016
Analysis Date: 03/07/2017

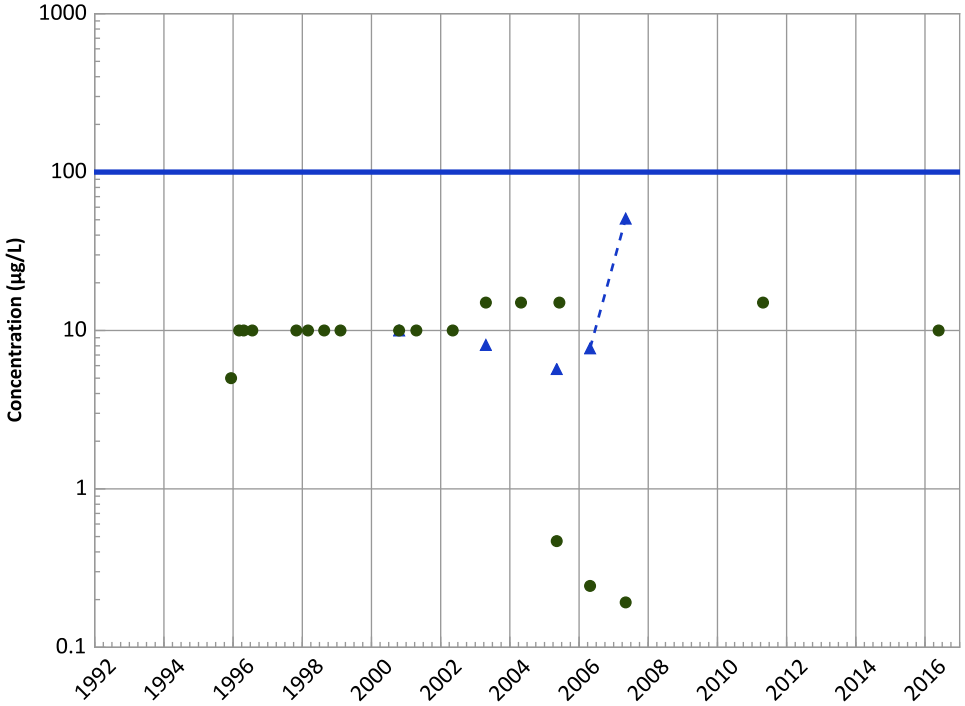
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

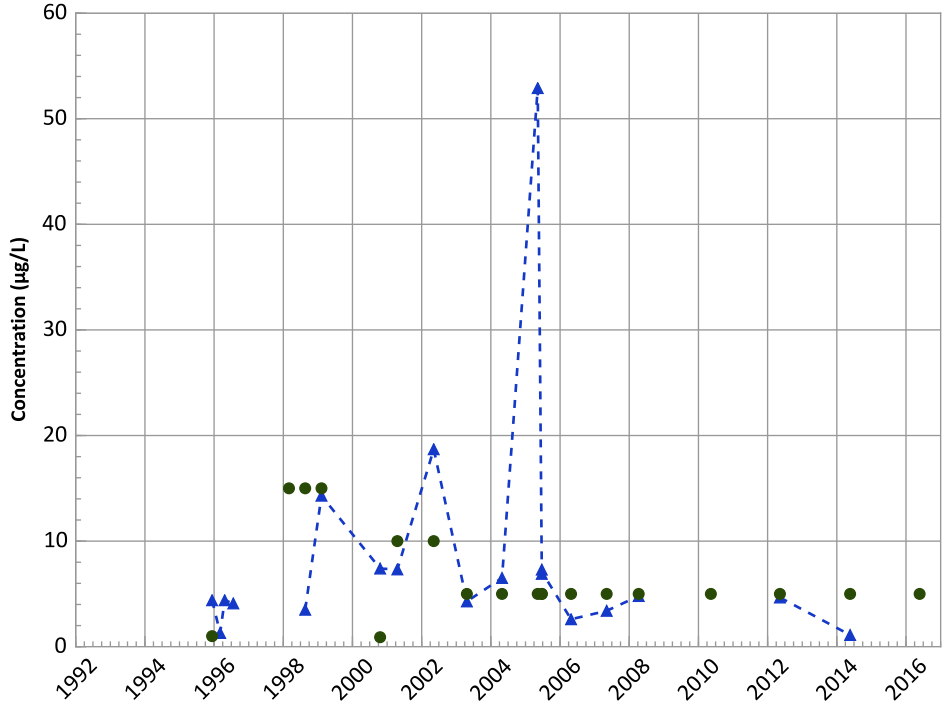


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Manganese Trend



Concentration Trend

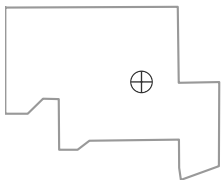
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 05/24/2016
Analysis Date: 03/07/2017

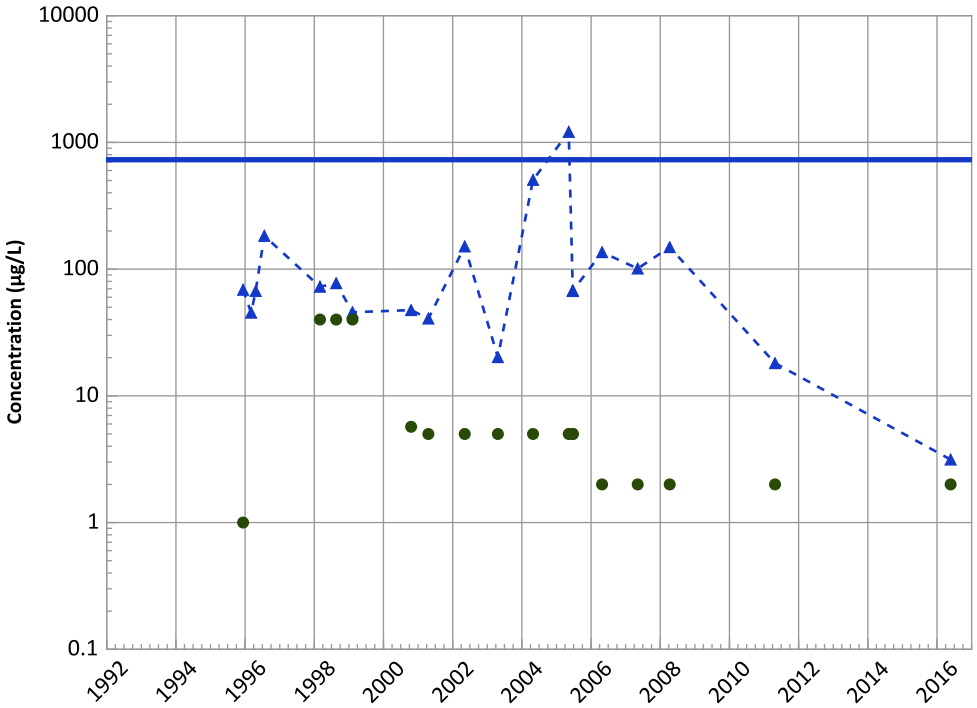
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

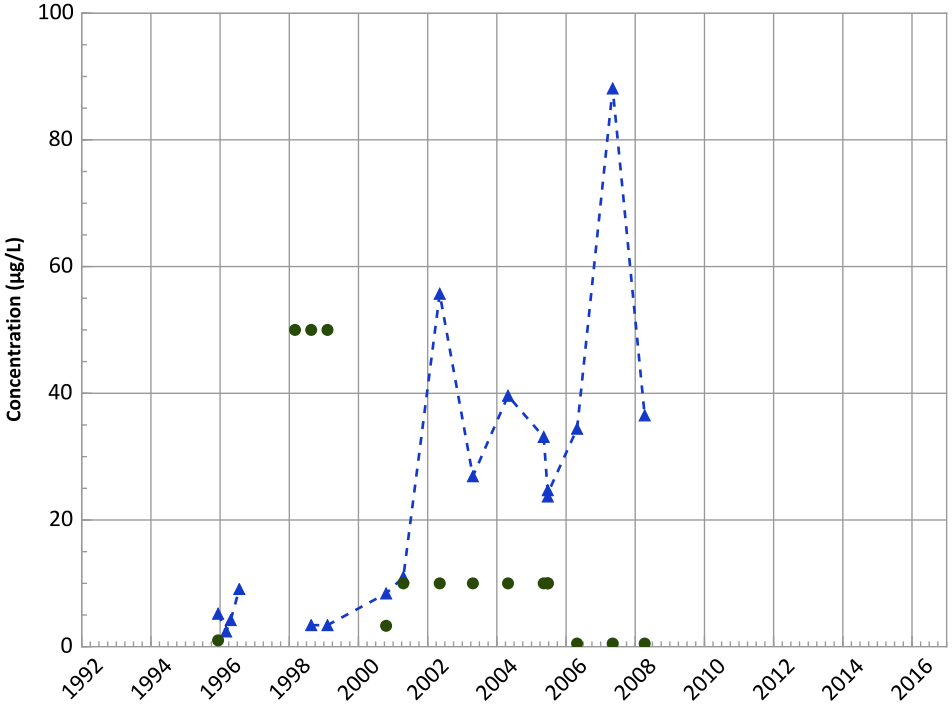


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Molybdenum Trend



Concentration Trend

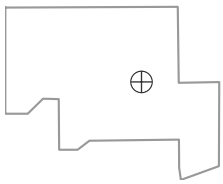
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 05/24/2016
Analysis Date: 03/07/2017

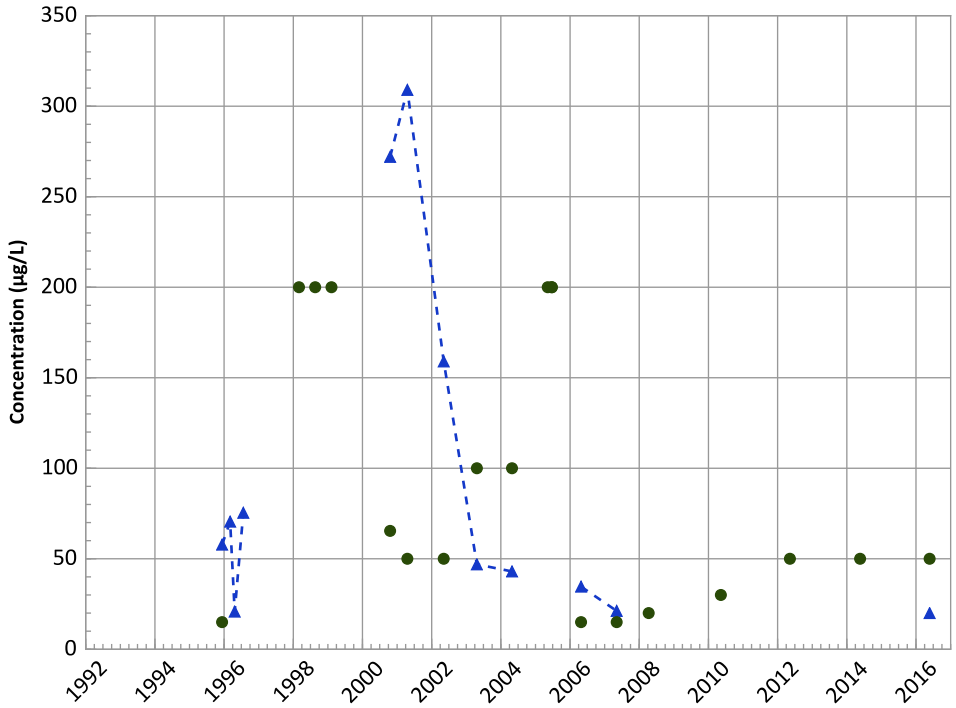
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

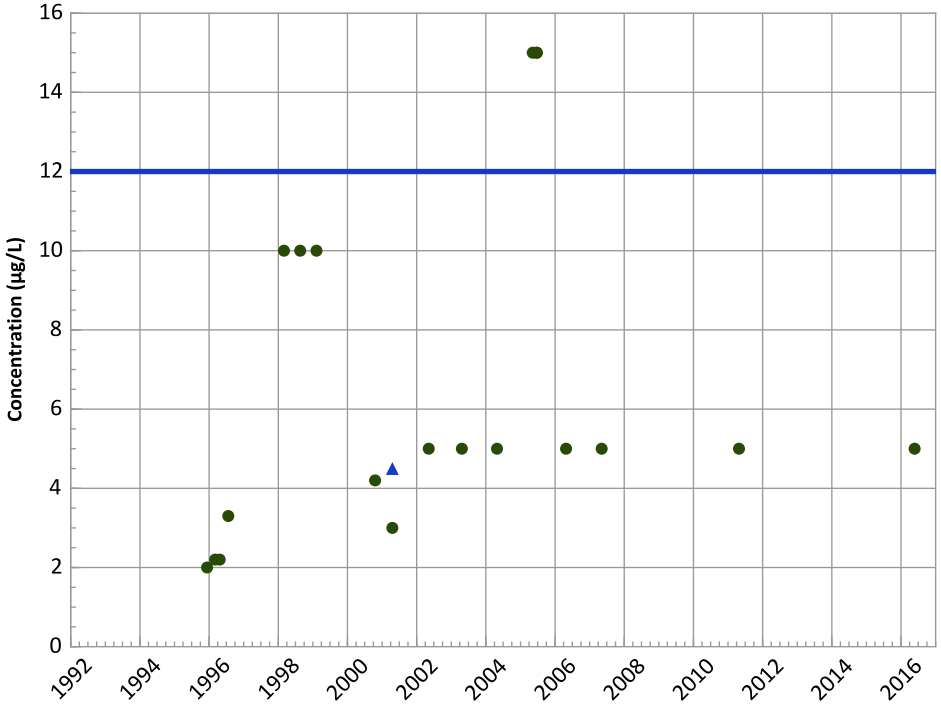


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Arsenic Trend



Concentration Trend

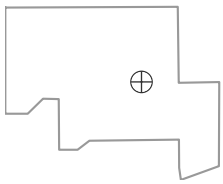
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 05/24/2016
Analysis Date: 03/07/2017

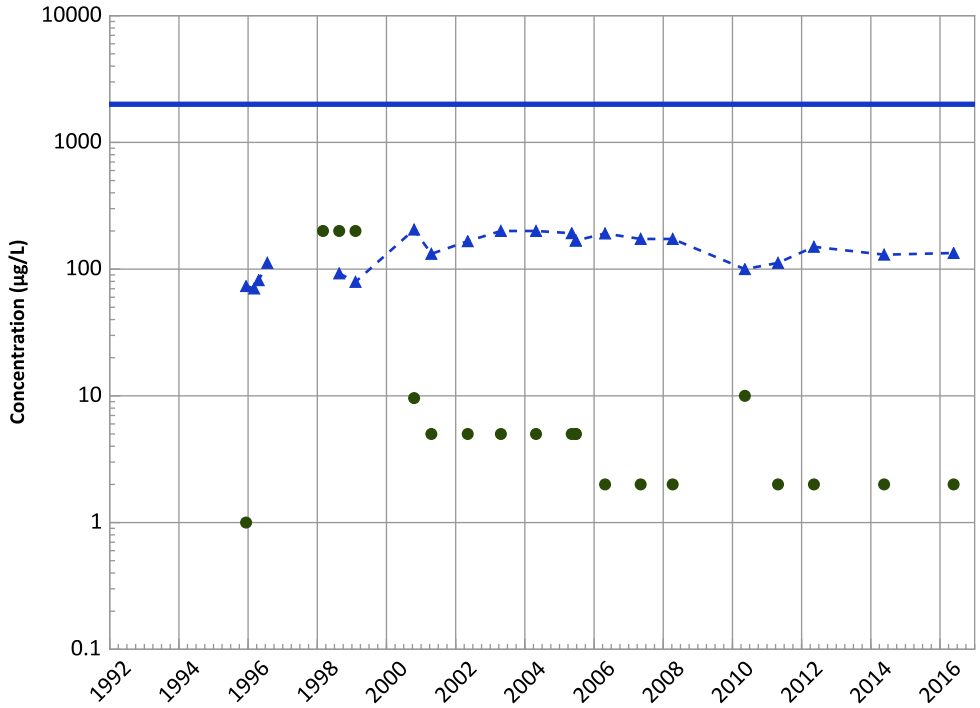
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

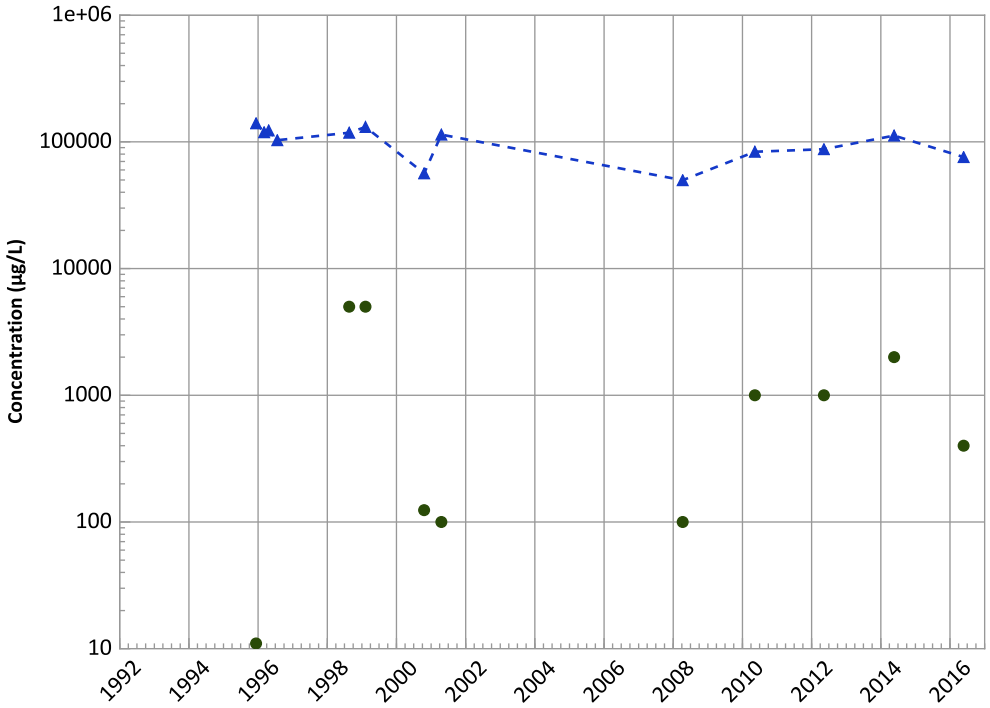


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Calcium Trend



Concentration Trend

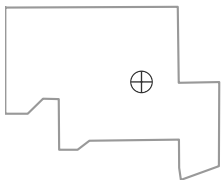
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 05/24/2016
Analysis Date: 03/07/2017

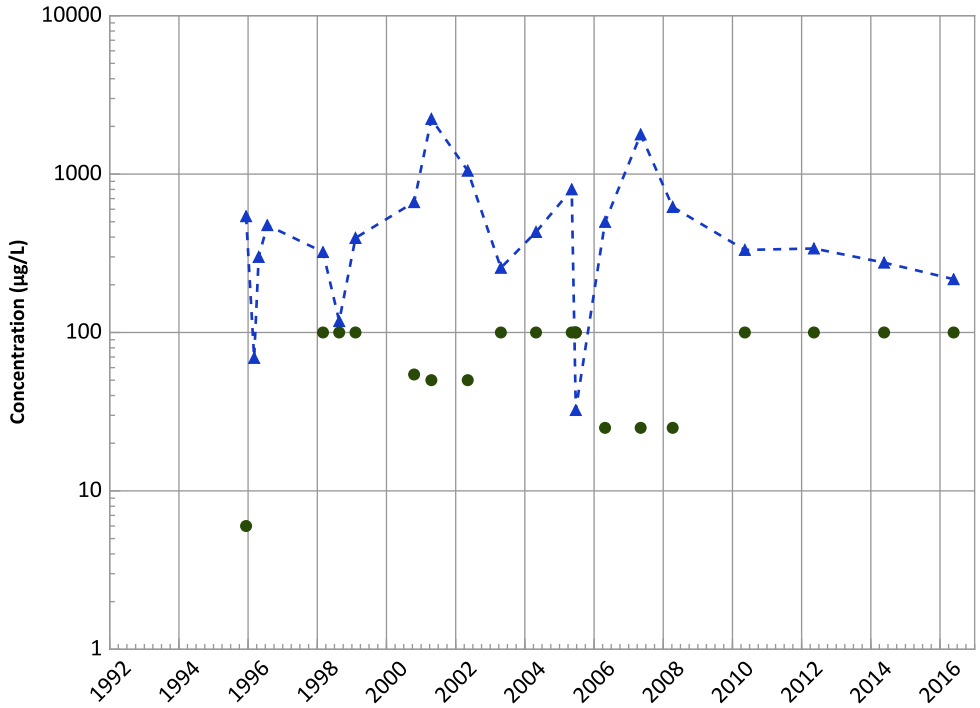
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

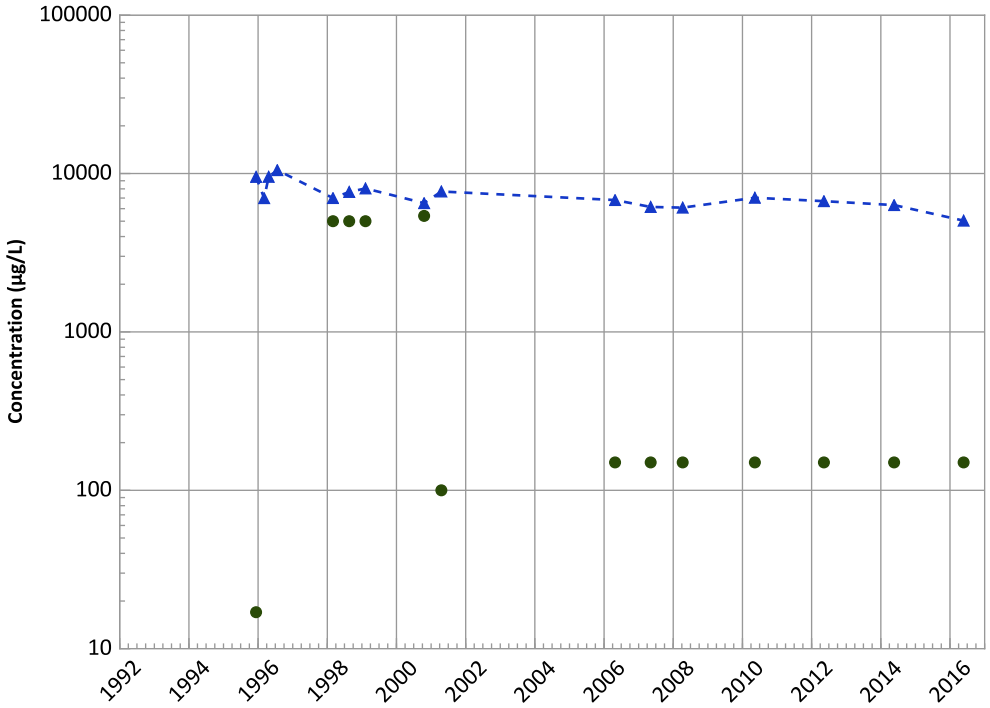


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

Potassium Trend



Concentration Trend

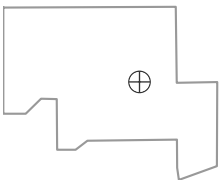
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 05/24/2016
Analysis Date: 03/07/2017

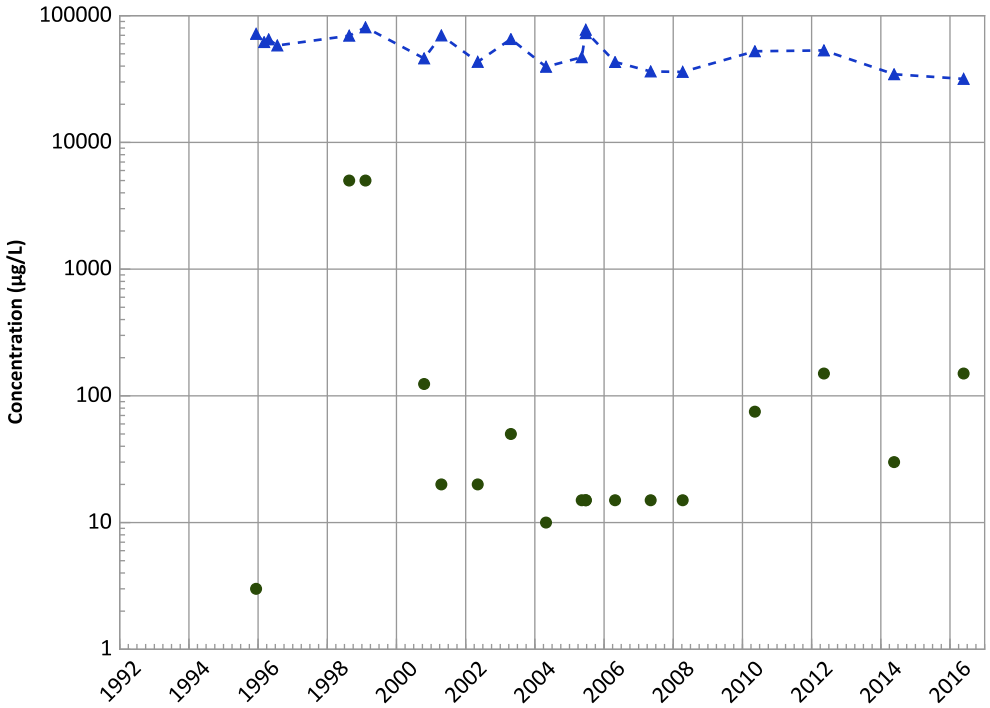
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

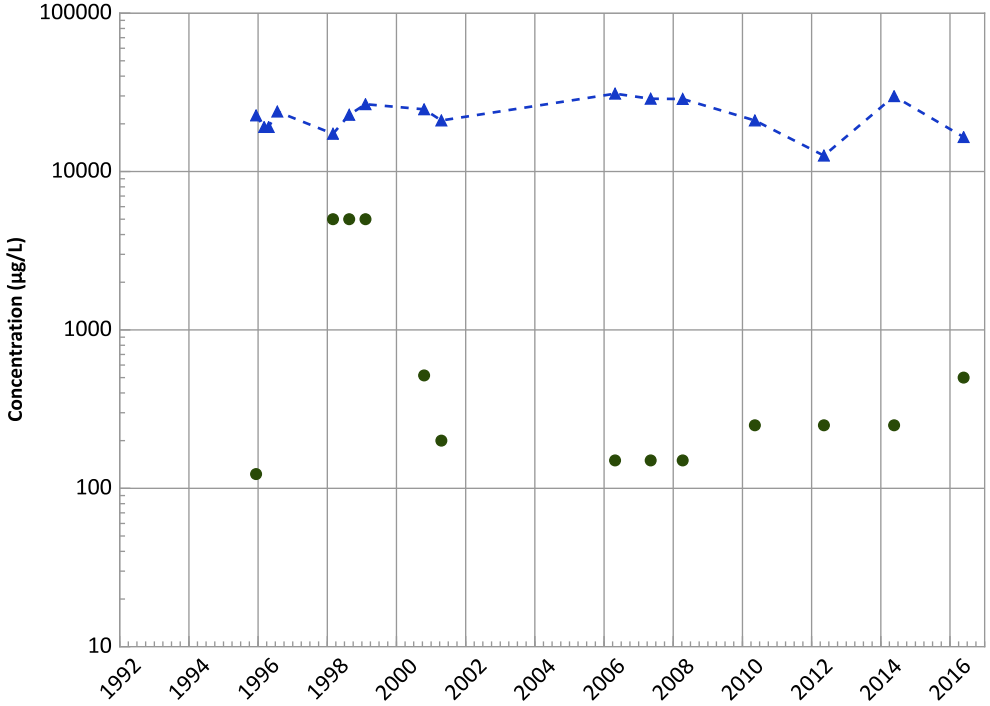


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Sodium Trend



Concentration Trend

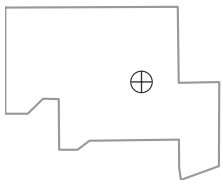
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

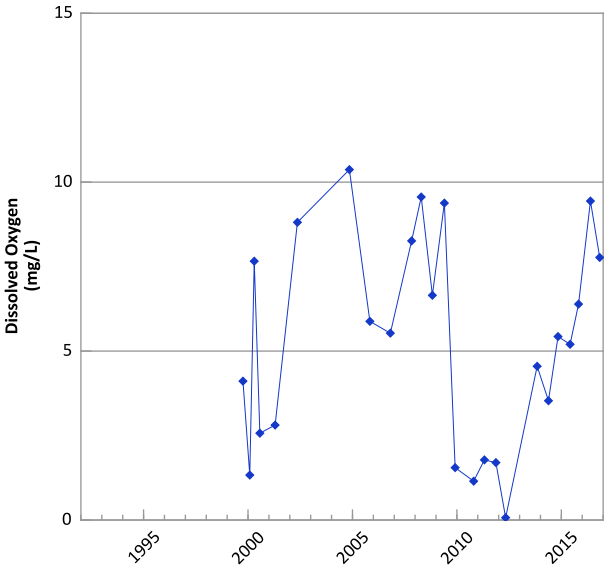
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 05/24/2016
Analysis Date: 03/07/2017

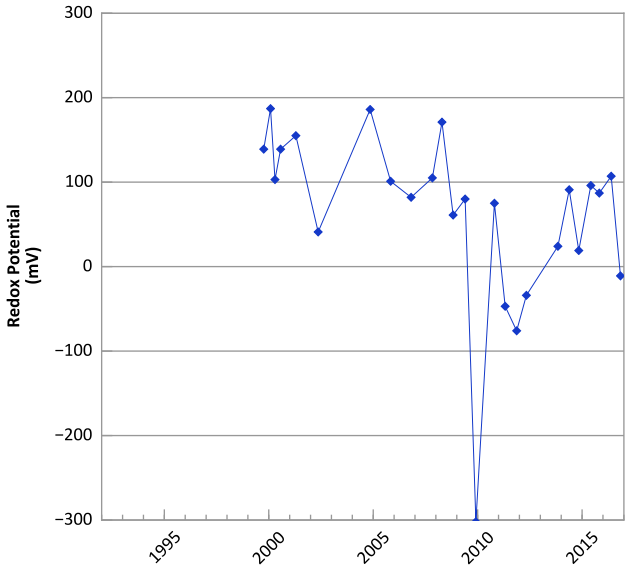
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

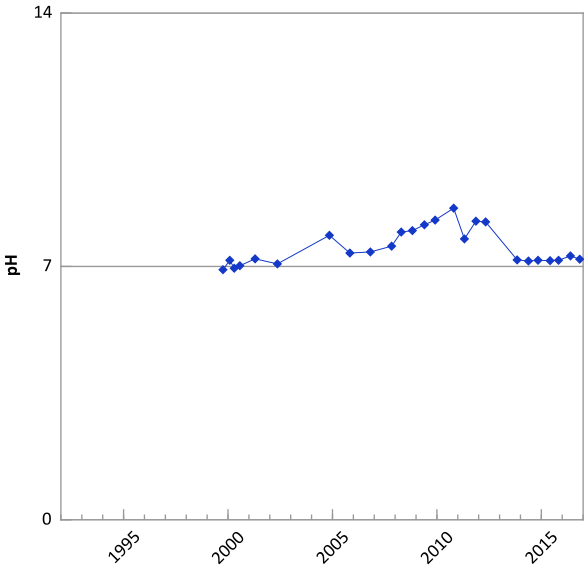
Well Location

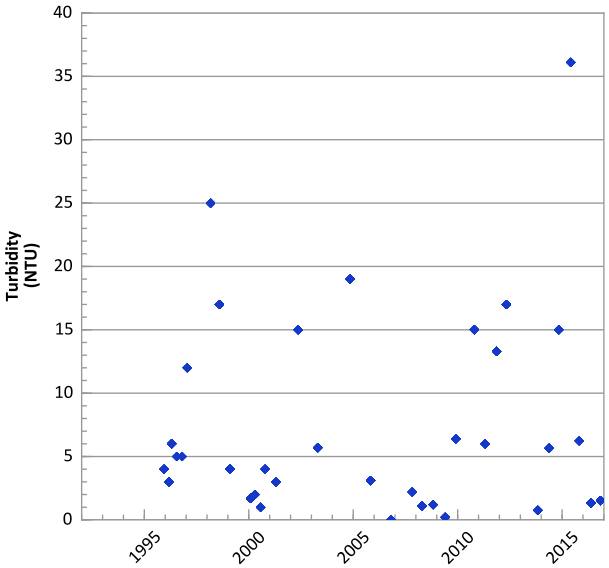


PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



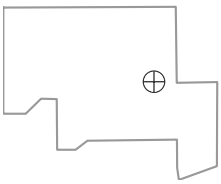






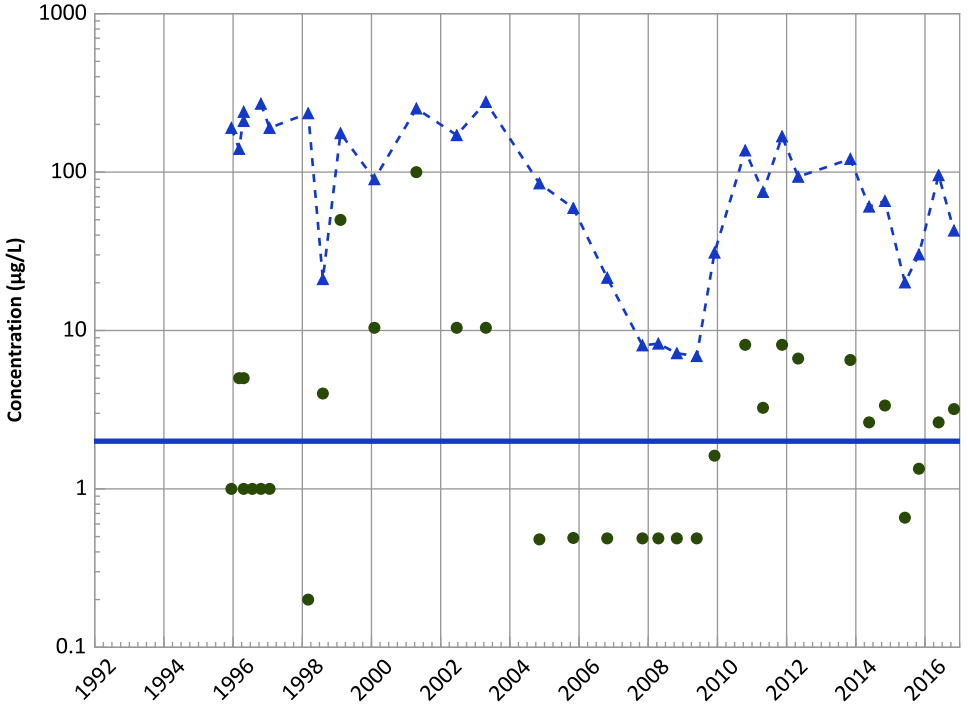
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 11/02/2016
Analysis Date: 03/07/2017

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

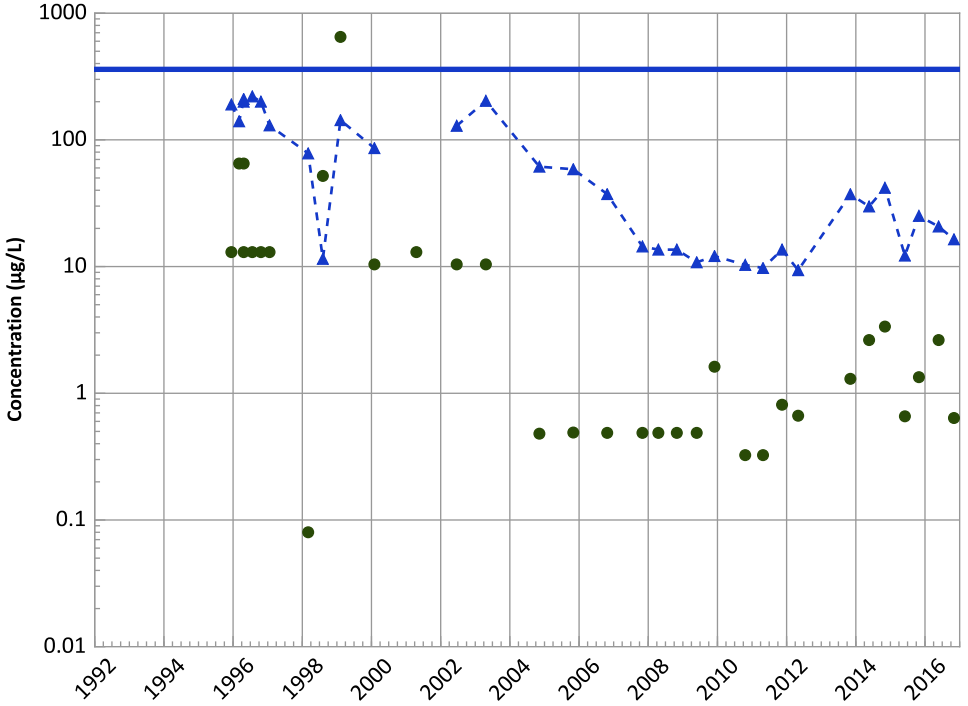


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

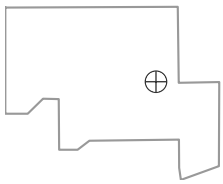
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 11/02/2016
Analysis Date: 03/07/2017

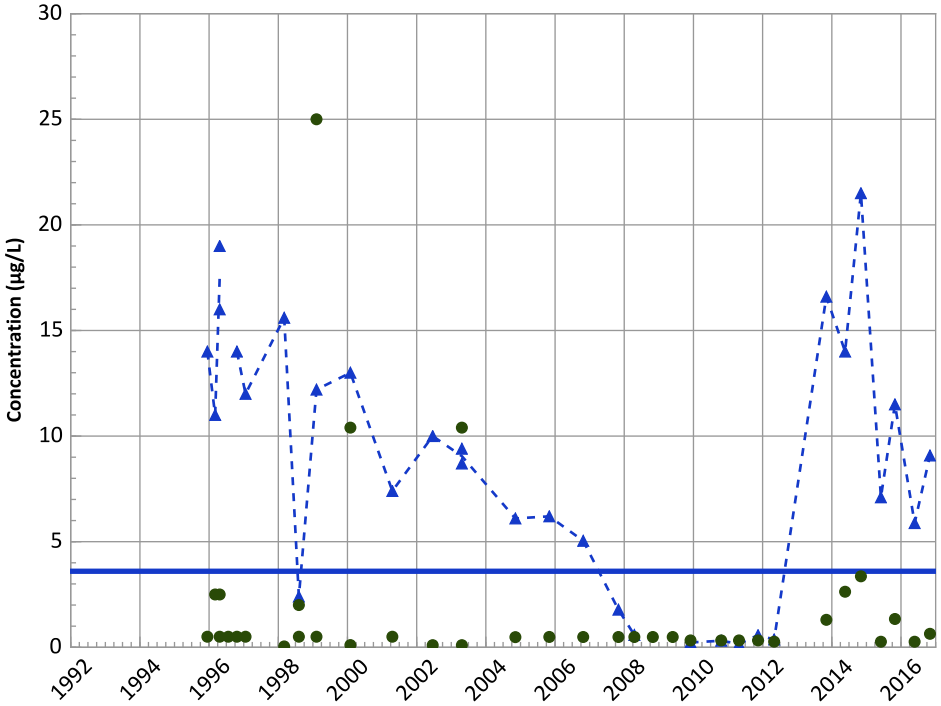
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

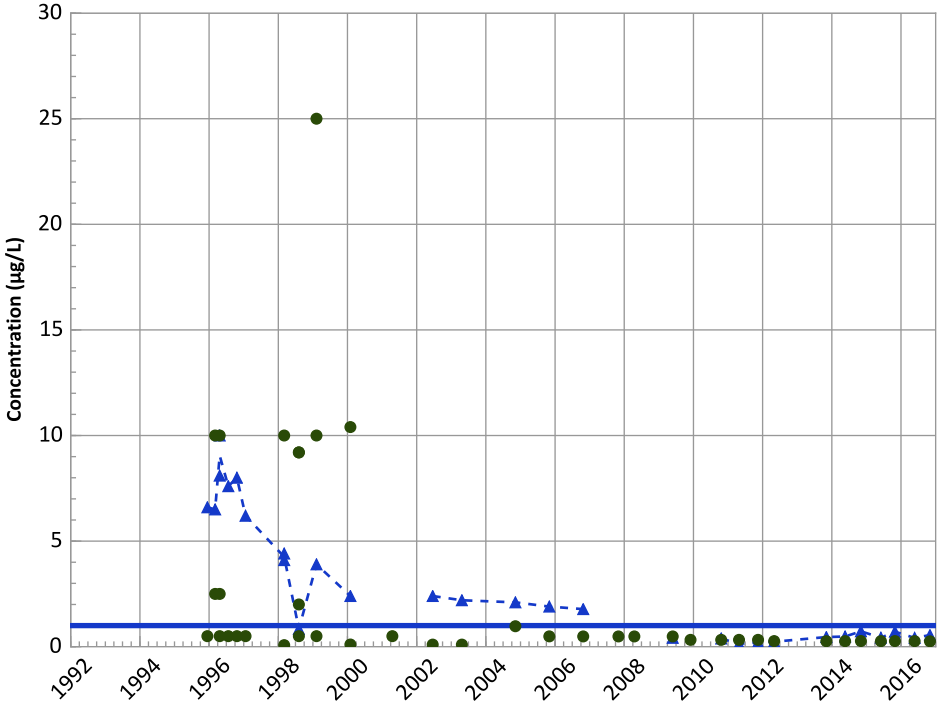


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

2,4-Dinitrotoluene Trend



Concentration Trend

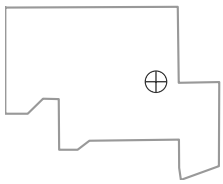
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 11/02/2016
Analysis Date: 03/07/2017

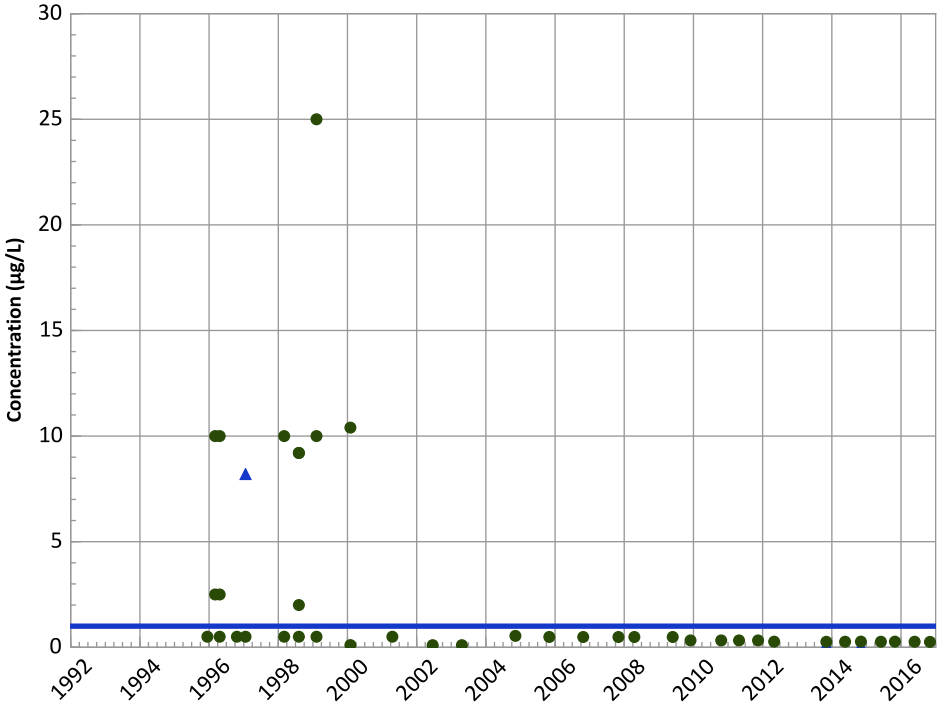
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

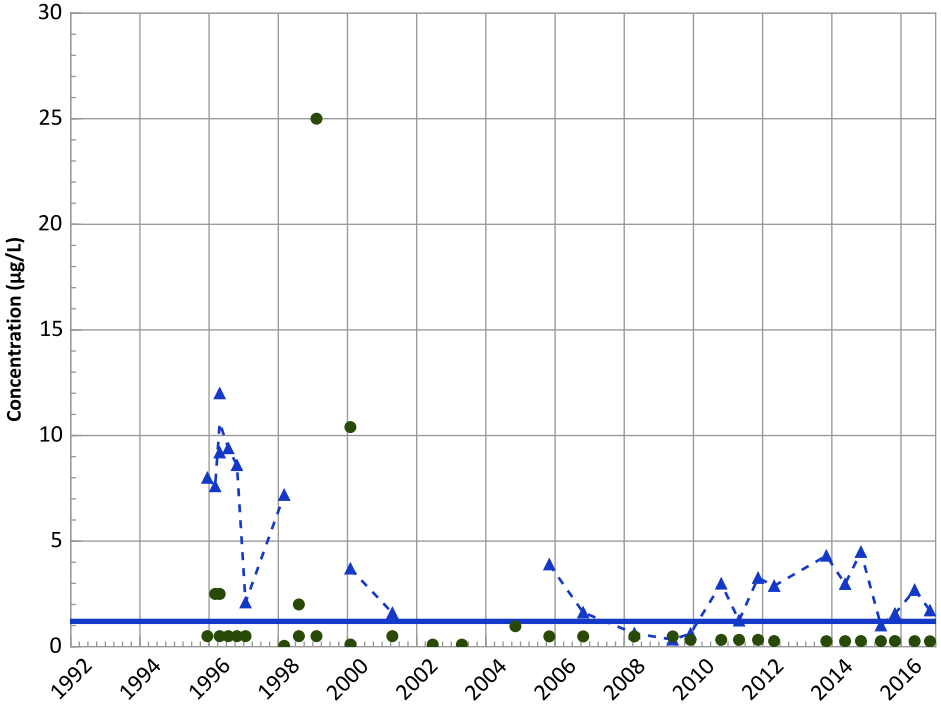


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

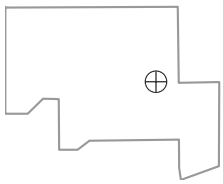
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 11/02/2016
Analysis Date: 03/07/2017

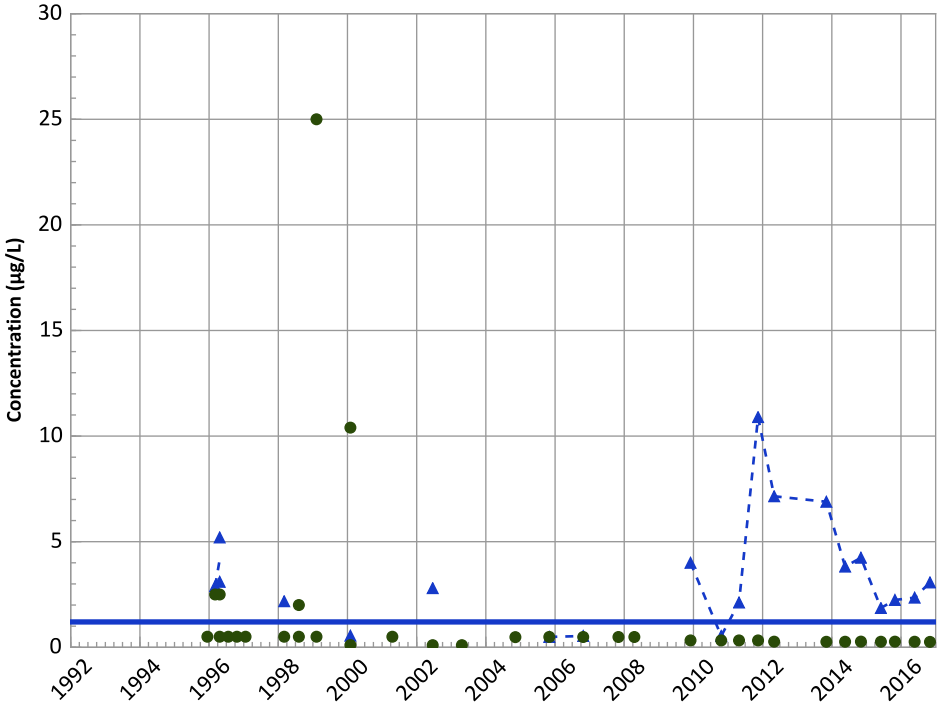
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

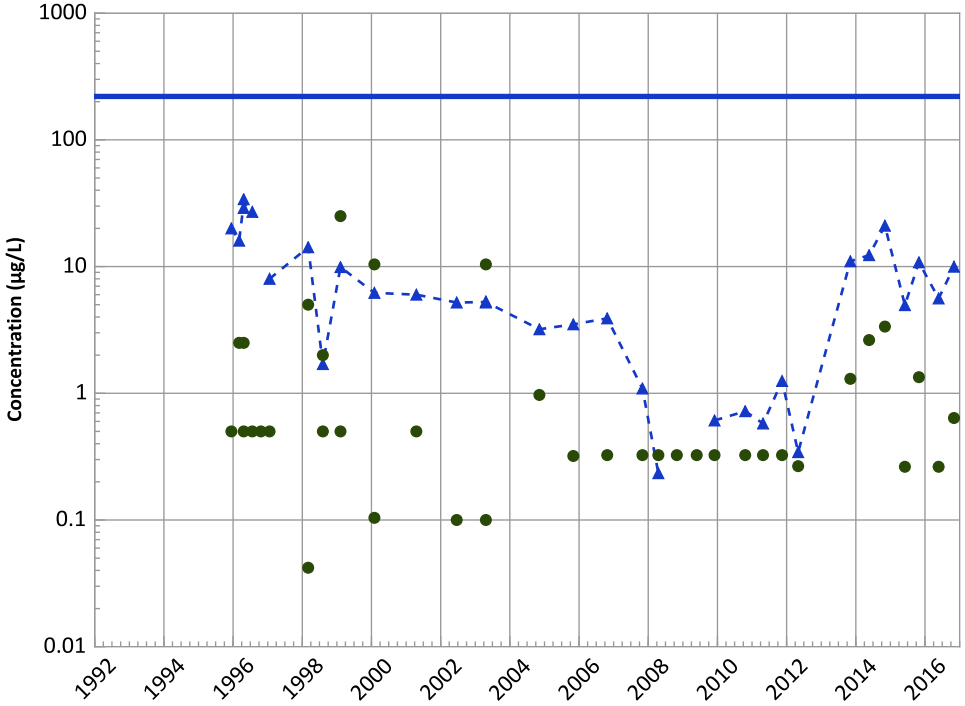


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

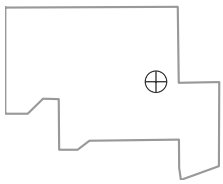
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 11/02/2016
Analysis Date: 03/07/2017

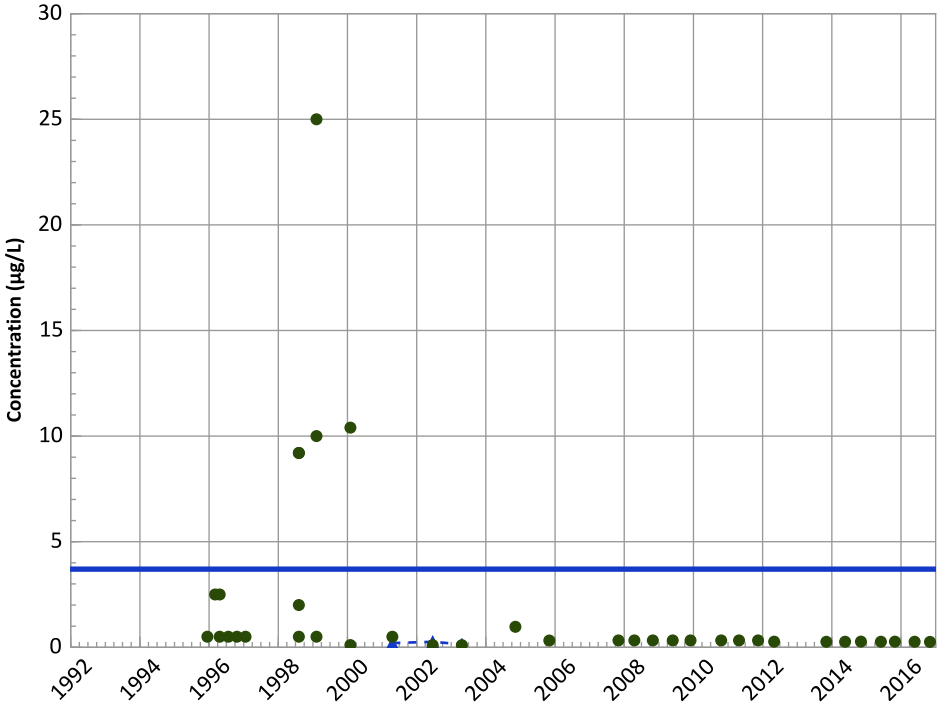
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

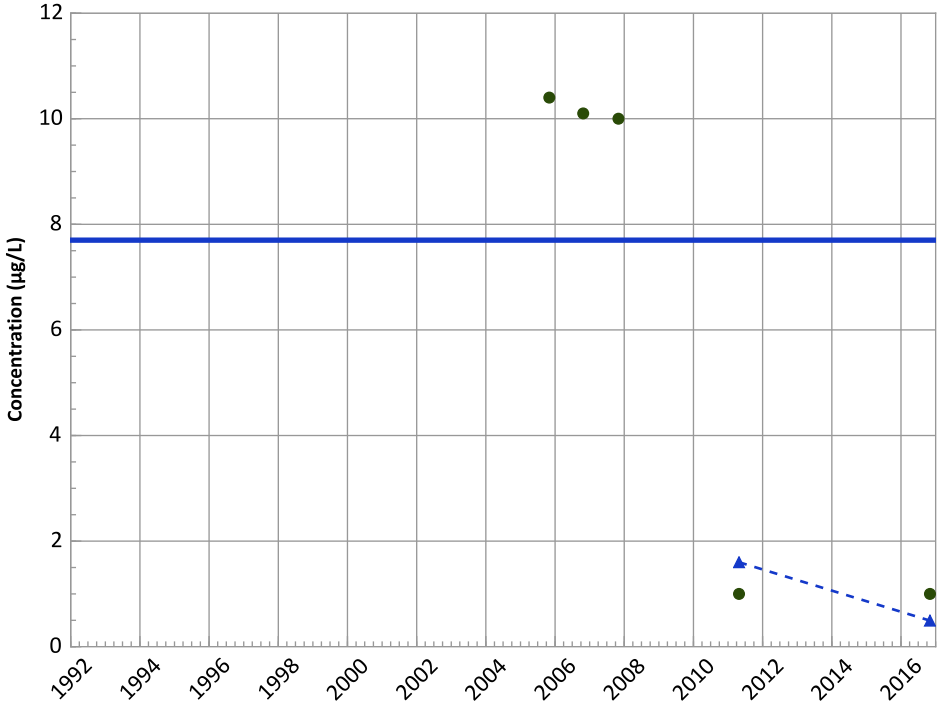


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

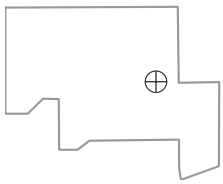
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 11/02/2016
Analysis Date: 03/07/2017

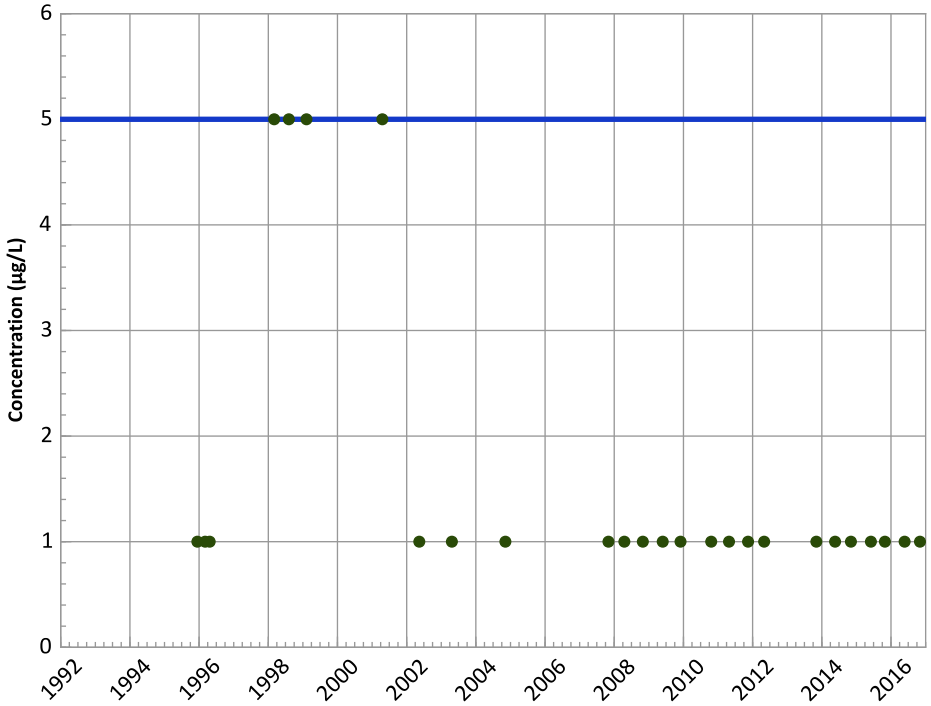
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

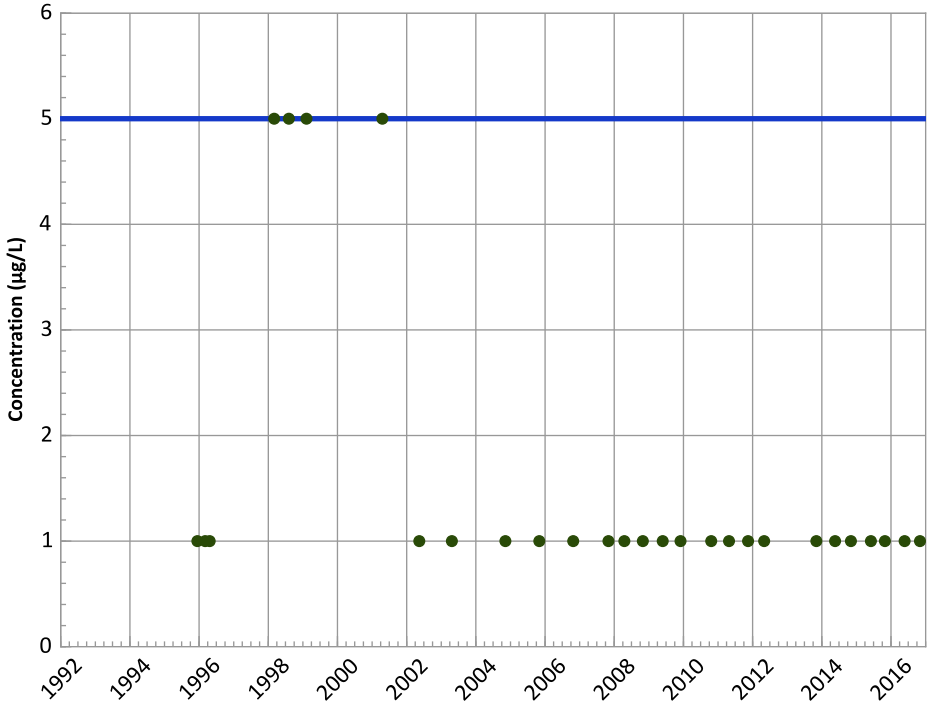


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

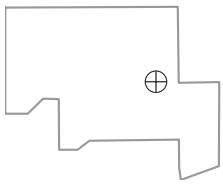
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 11/02/2016
Analysis Date: 03/07/2017

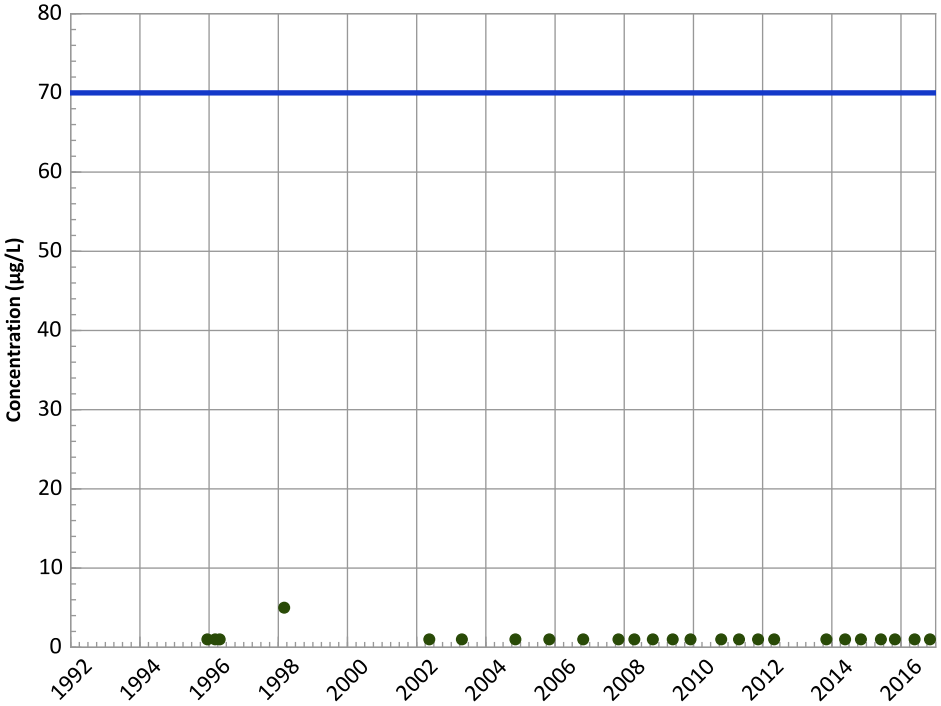
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

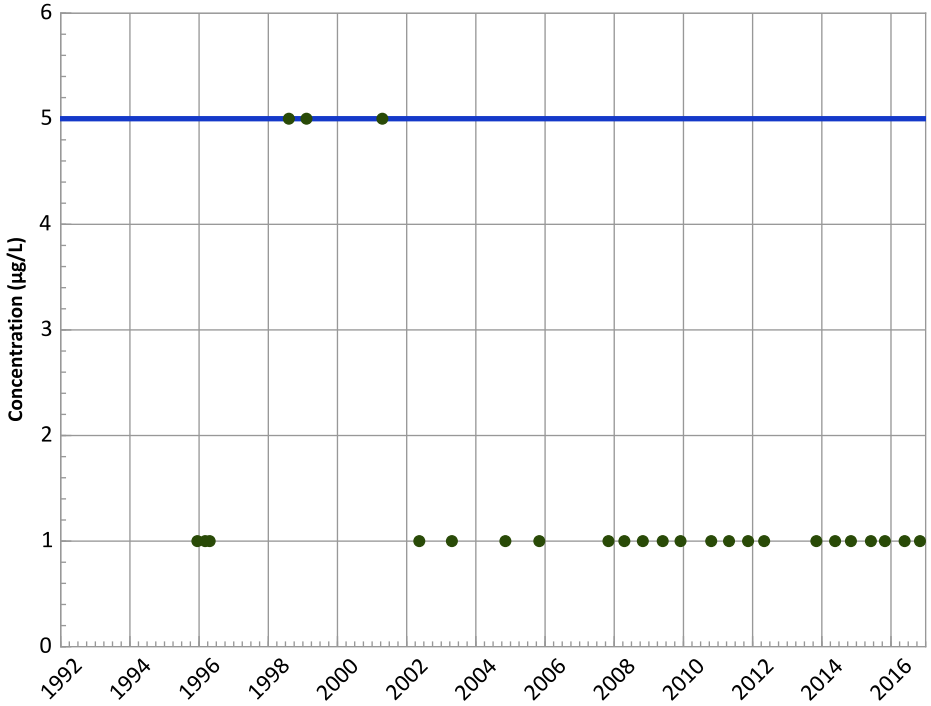


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

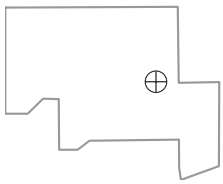
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 11/02/2016
Analysis Date: 03/07/2017

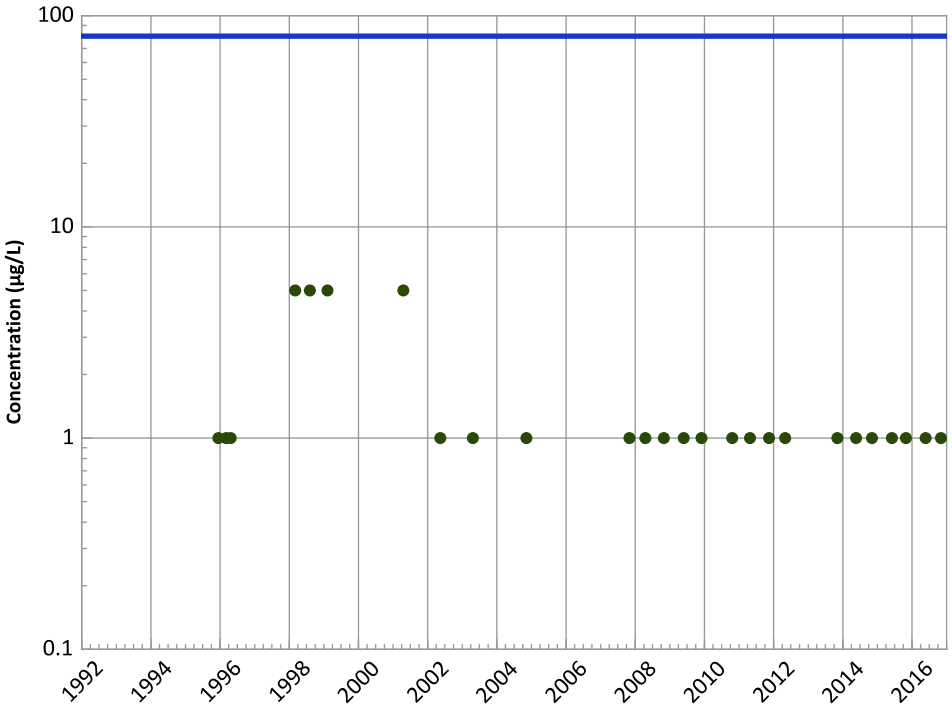
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

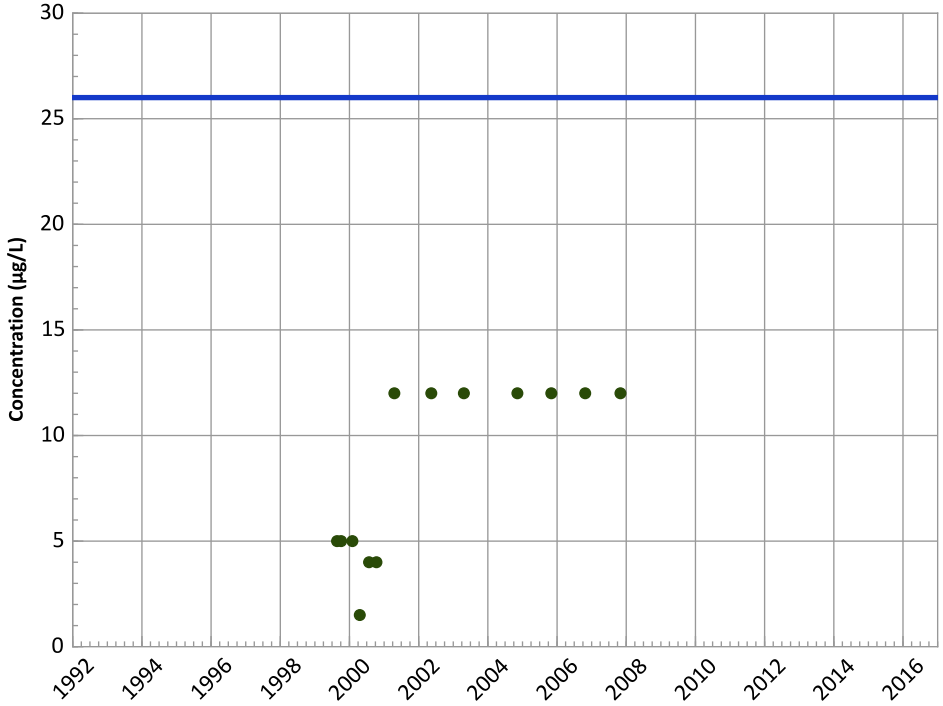


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

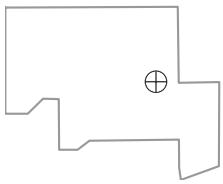
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 11/02/2016
Analysis Date: 03/07/2017

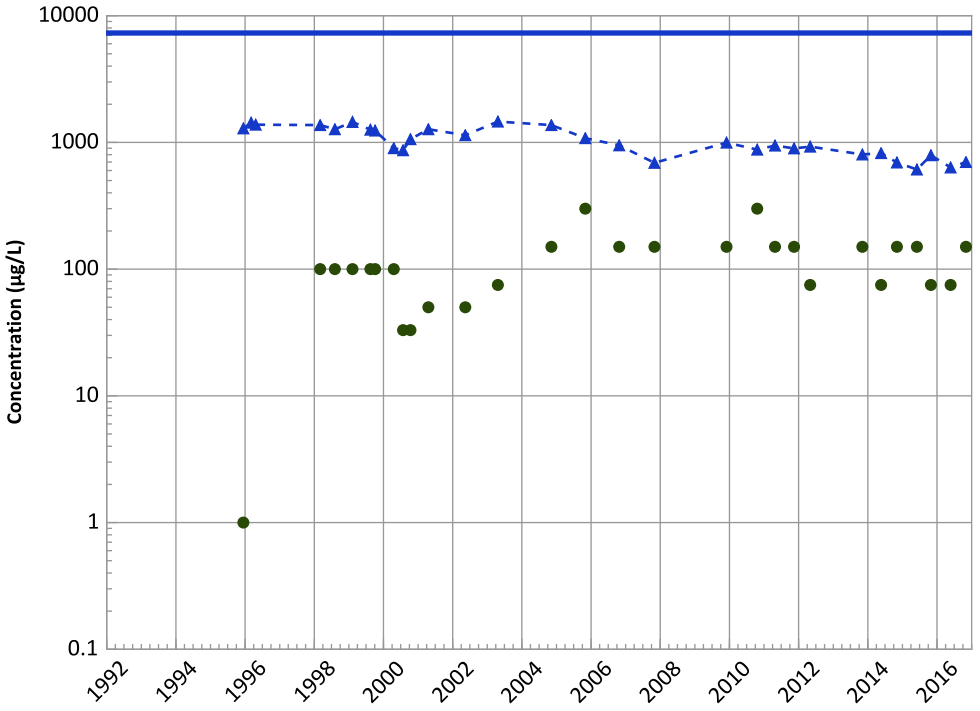
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

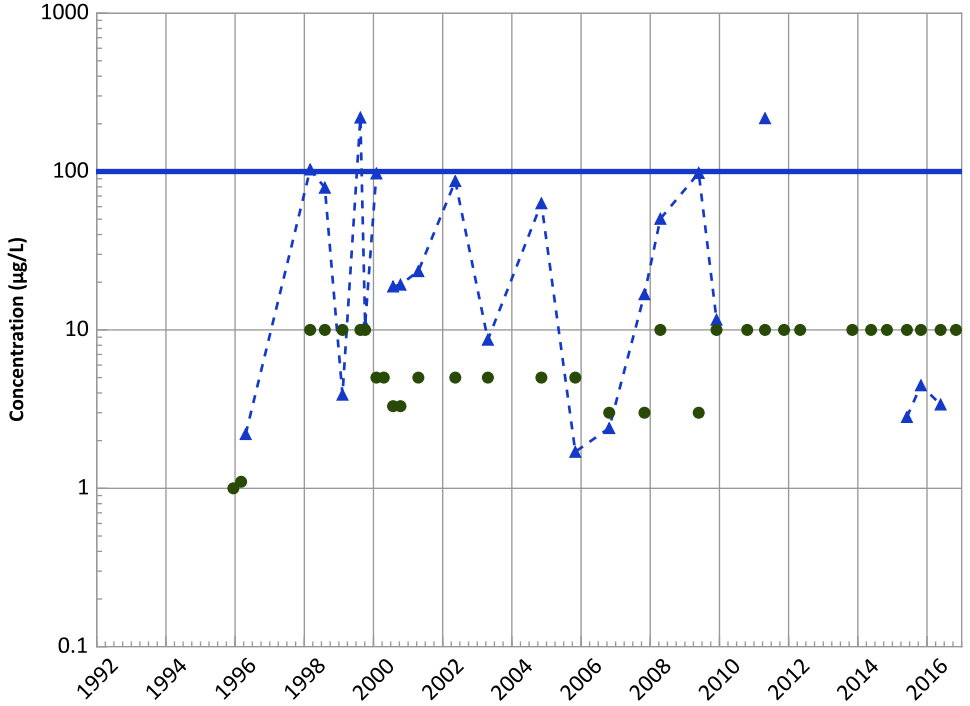


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

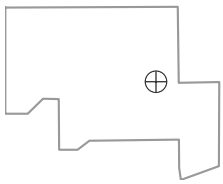
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 11/02/2016
Analysis Date: 03/07/2017

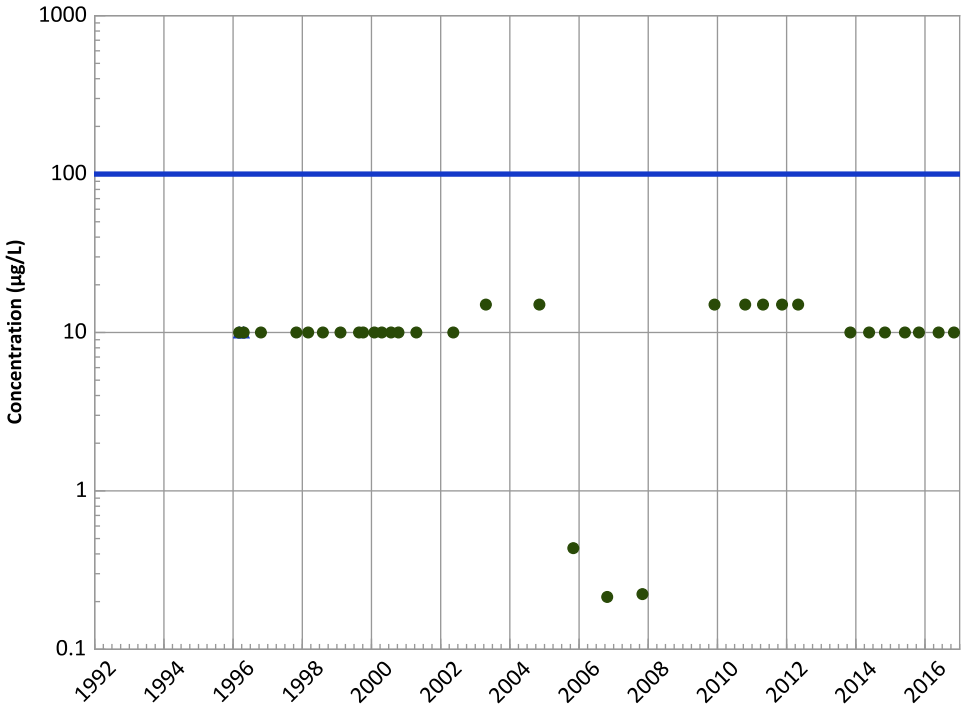
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

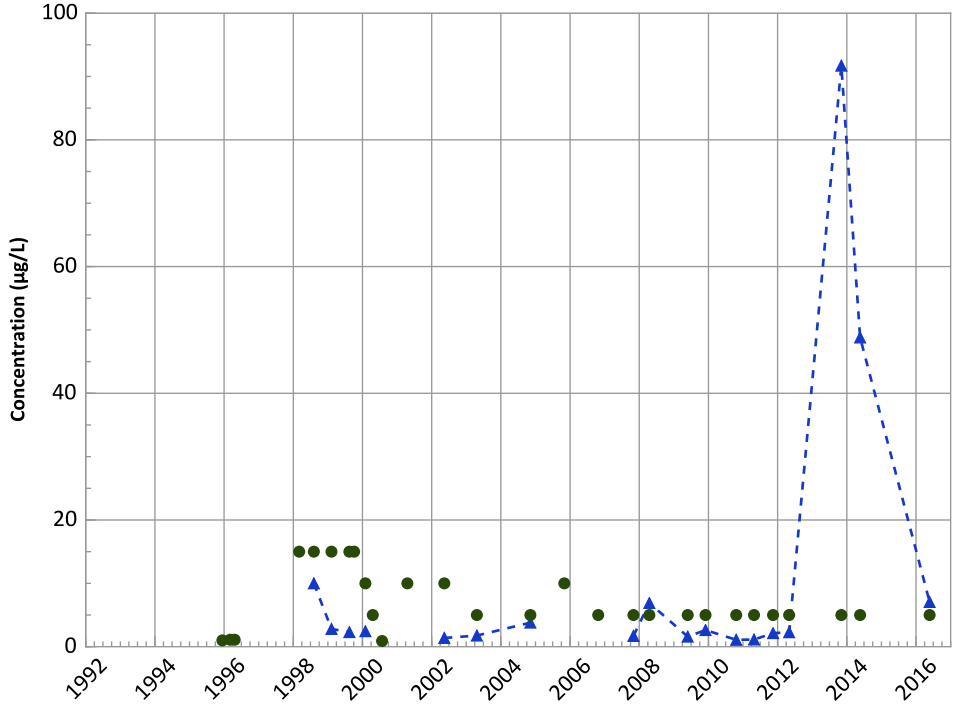


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

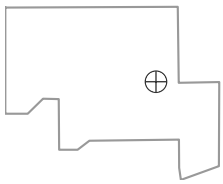
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 11/02/2016
Analysis Date: 03/07/2017

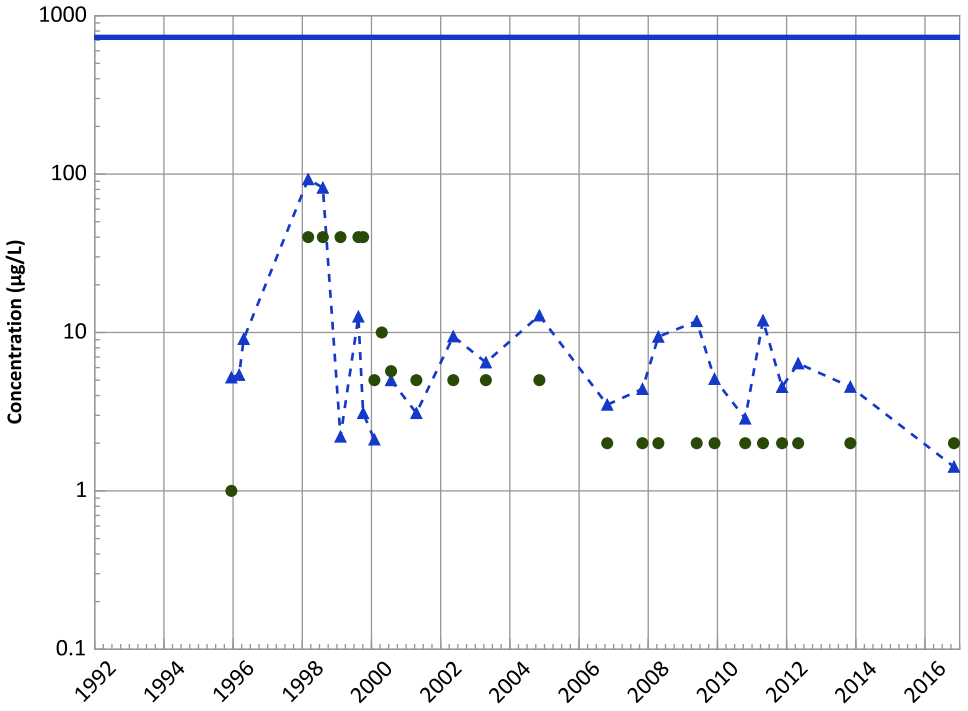
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

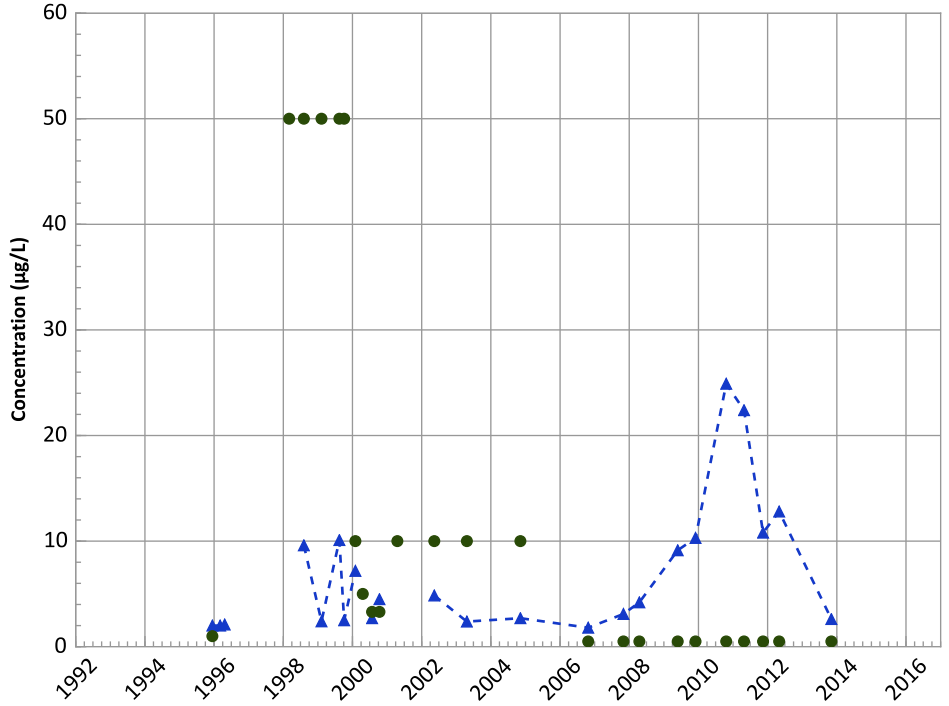


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

Molybdenum Trend



Concentration Trend

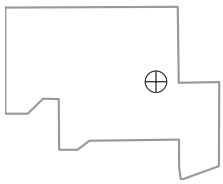
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 11/02/2016
Analysis Date: 03/07/2017

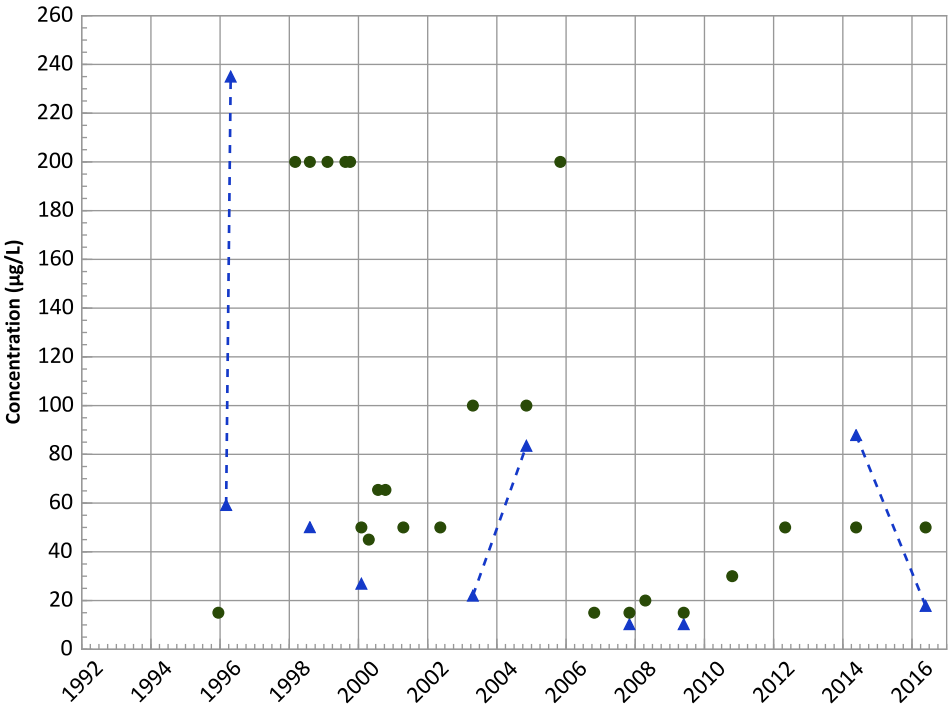
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

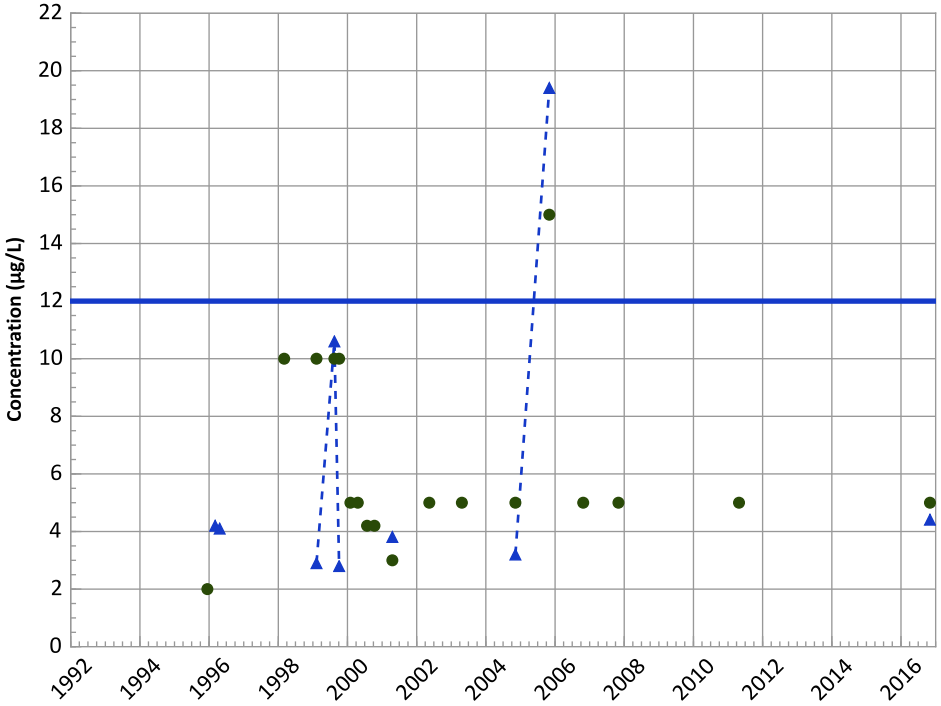


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

Arsenic Trend



Concentration Trend

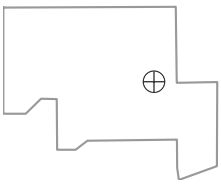
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 11/02/2016
Analysis Date: 03/07/2017

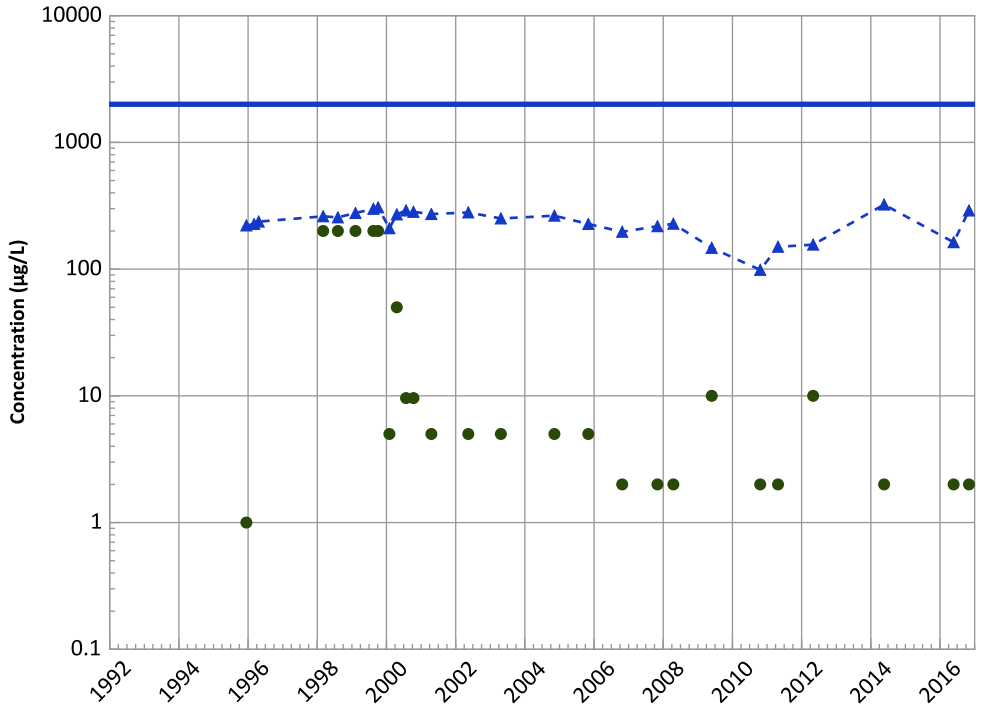
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

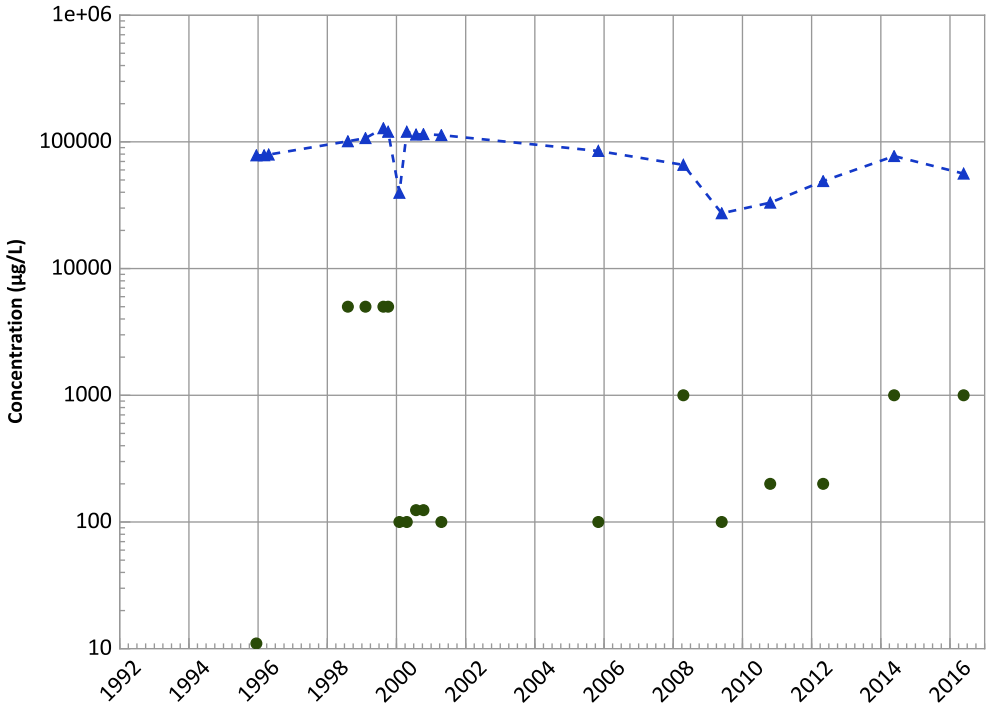


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Decreasing

Calcium Trend



Concentration Trend

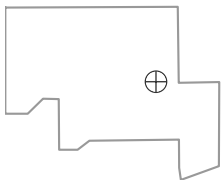
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 11/02/2016
Analysis Date: 03/07/2017

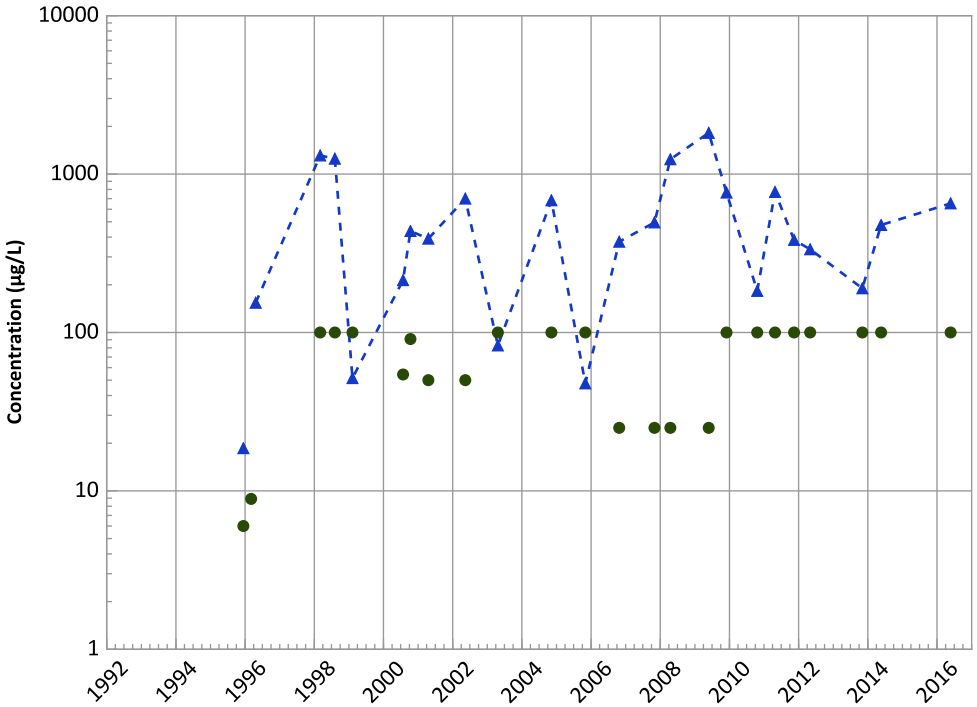
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

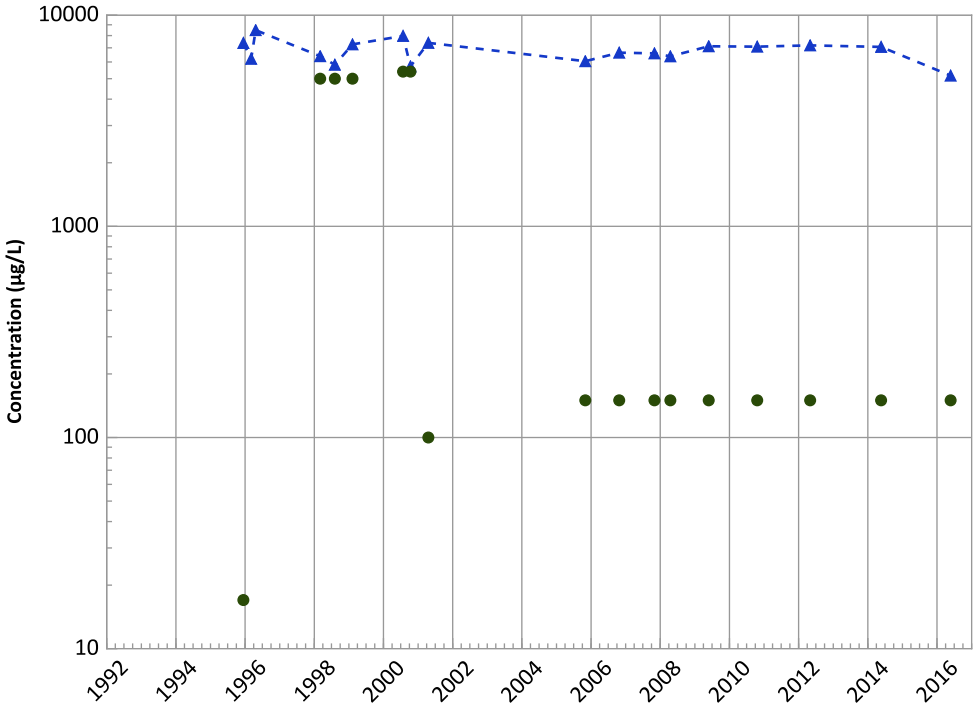


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

Potassium Trend



Concentration Trend

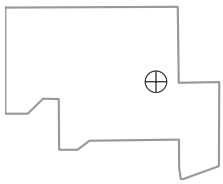
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 11/02/2016
Analysis Date: 03/07/2017

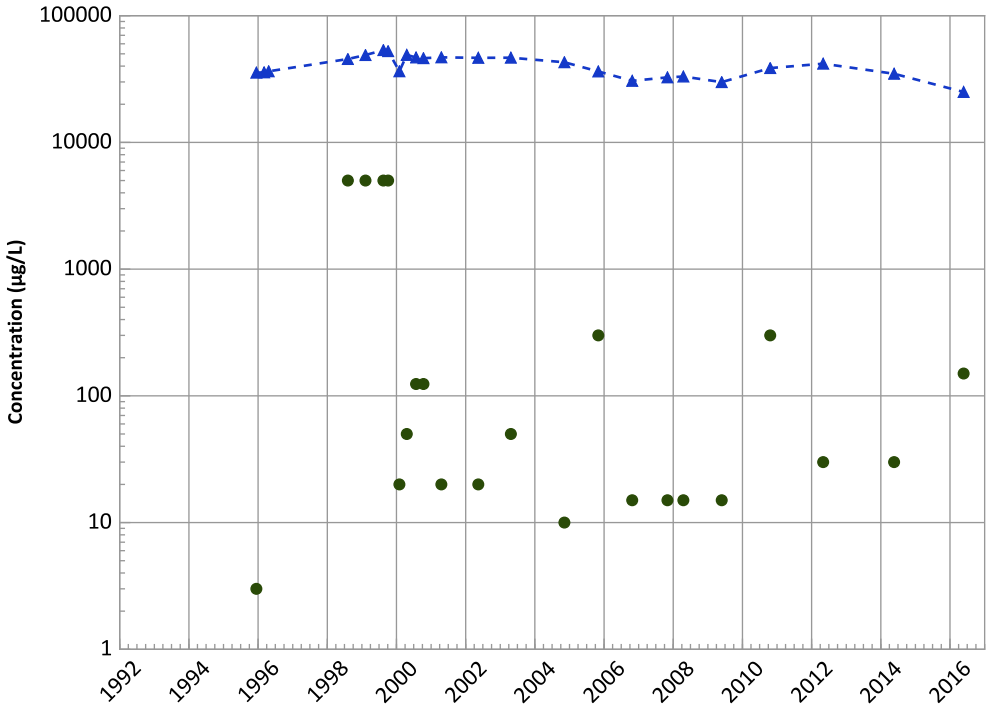
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

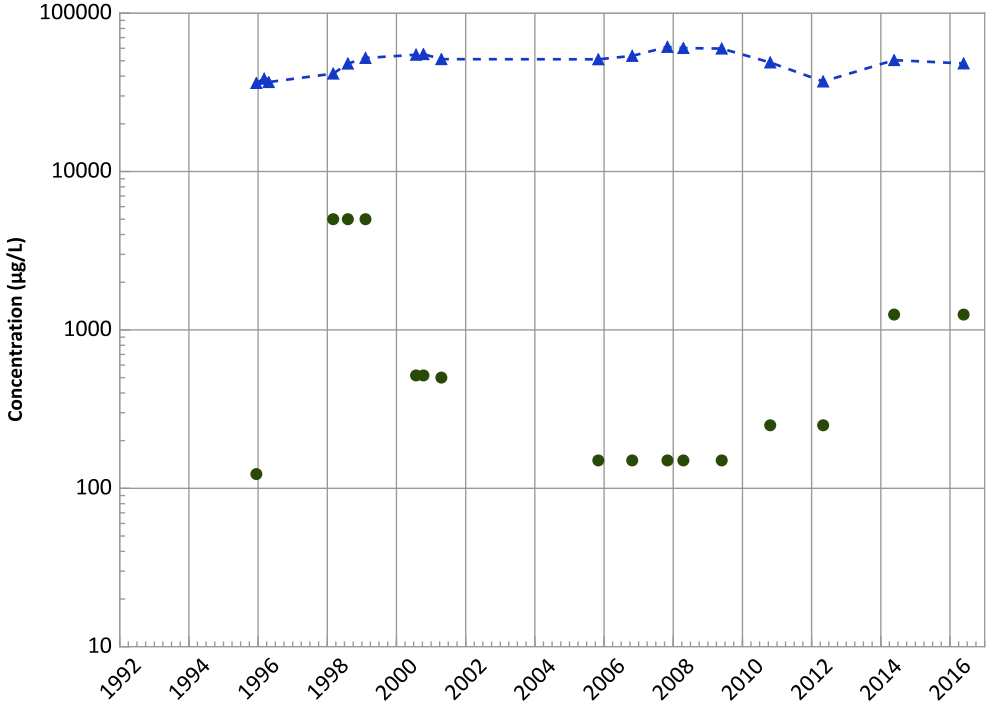


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Sodium Trend



Concentration Trend

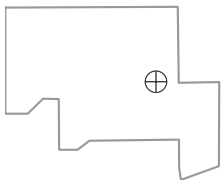
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

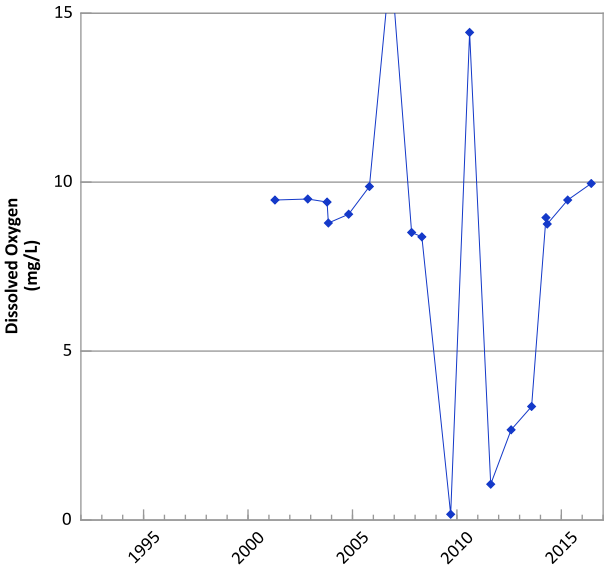
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/14/1995 to 11/02/2016
Analysis Date: 03/07/2017

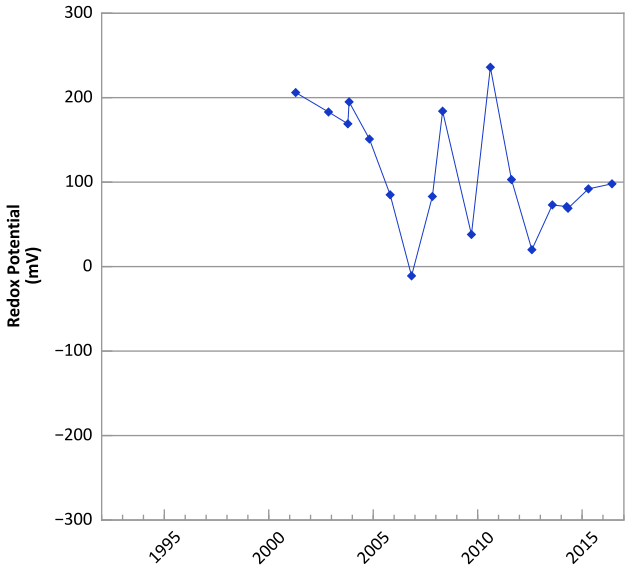
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

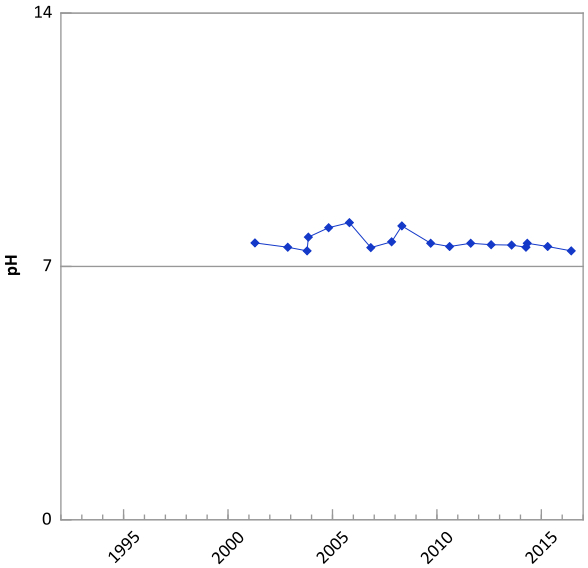
Well Location

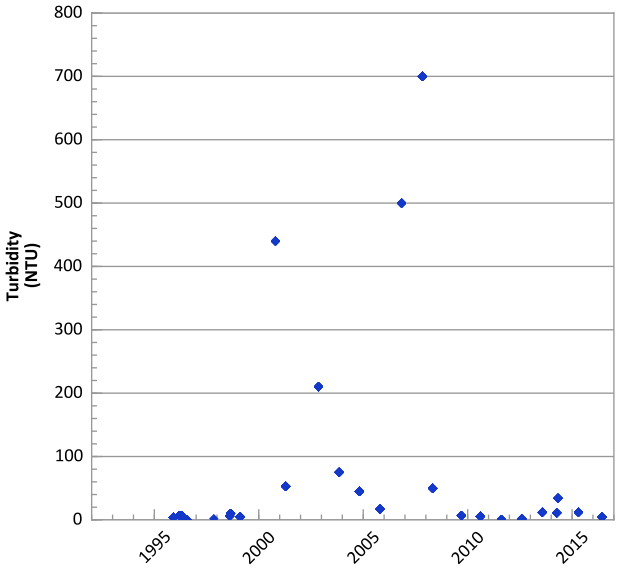


PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



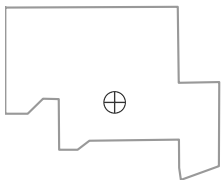






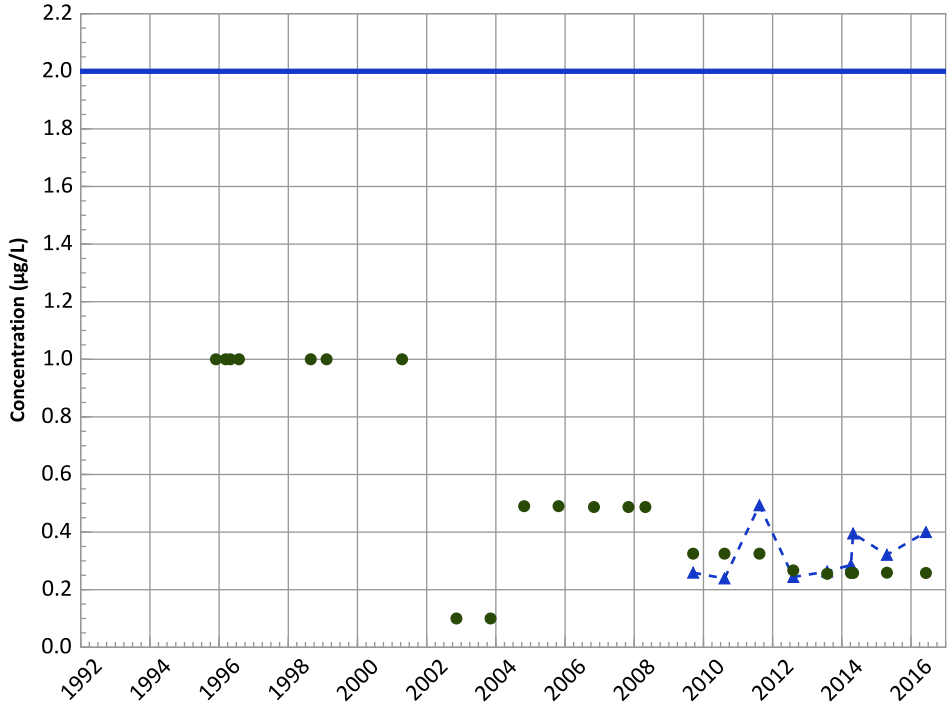
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 06/07/2016
Analysis Date: 03/07/2017

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

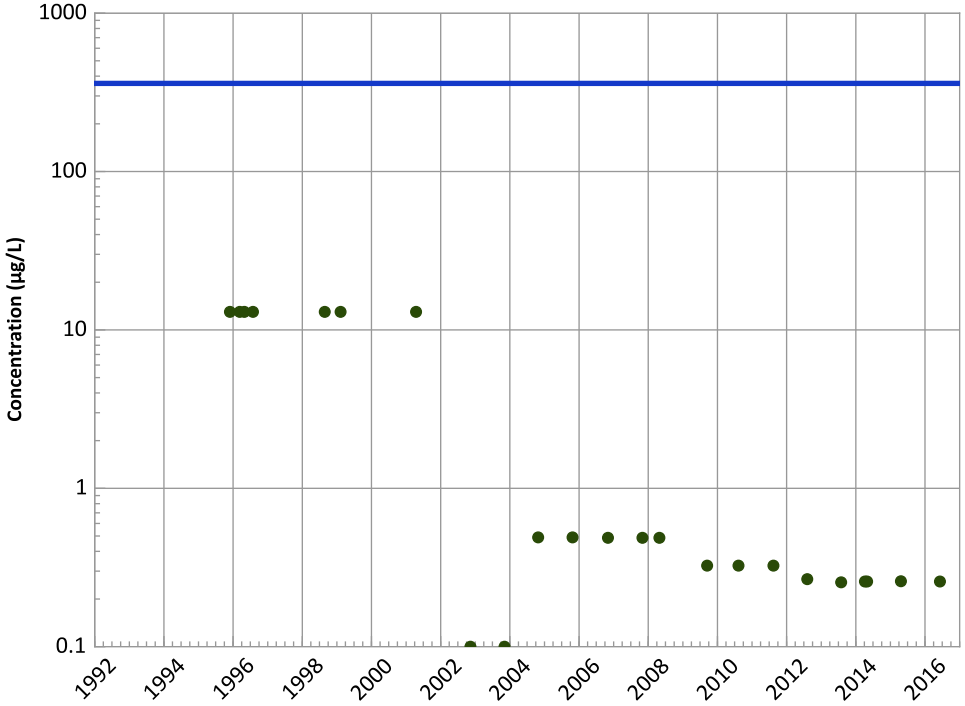


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

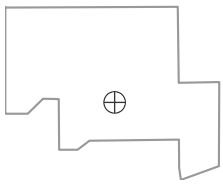
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 06/07/2016
Analysis Date: 03/07/2017

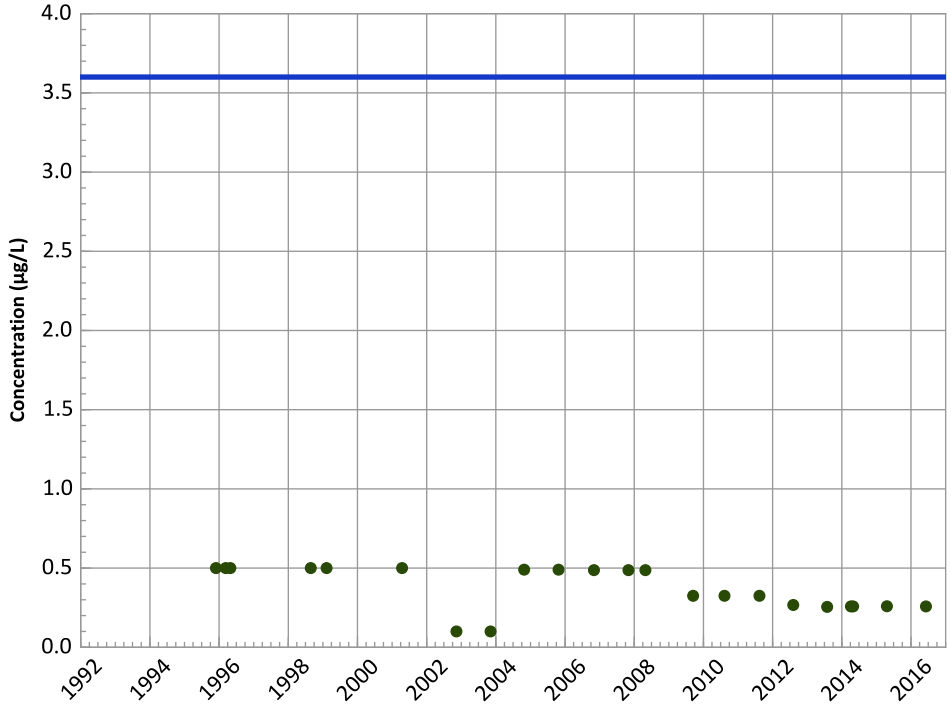
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

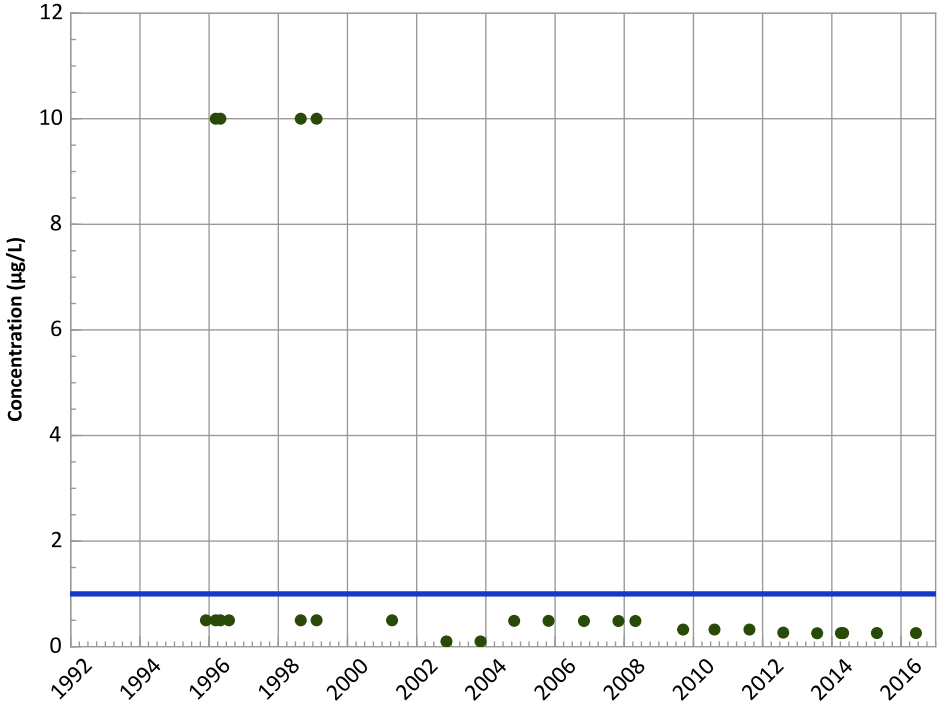


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

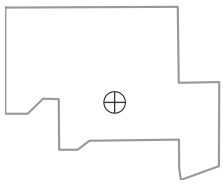
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 06/07/2016
Analysis Date: 03/07/2017

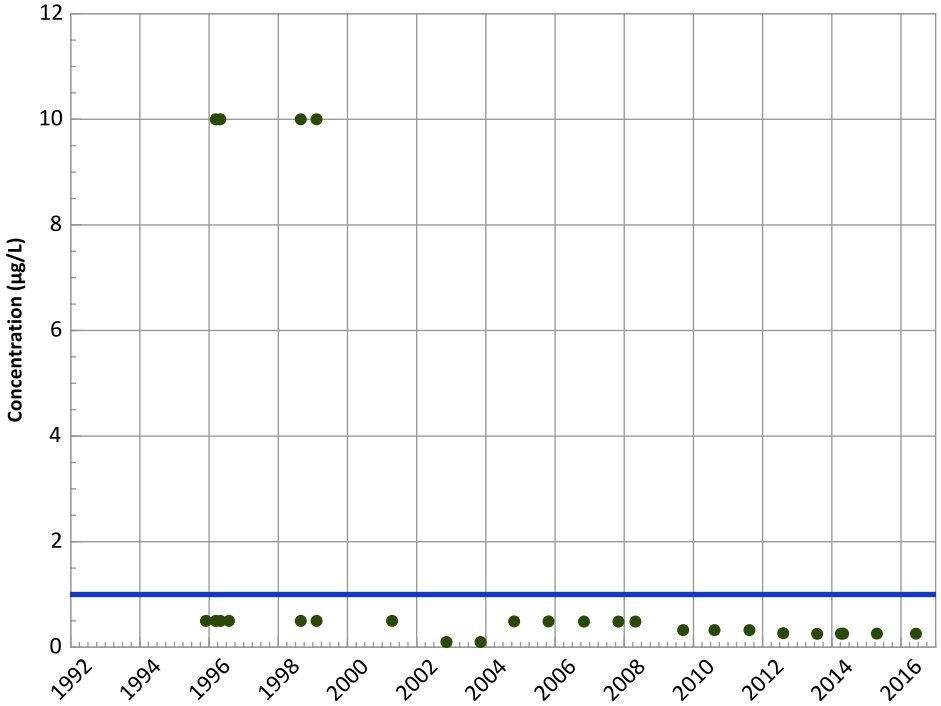
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

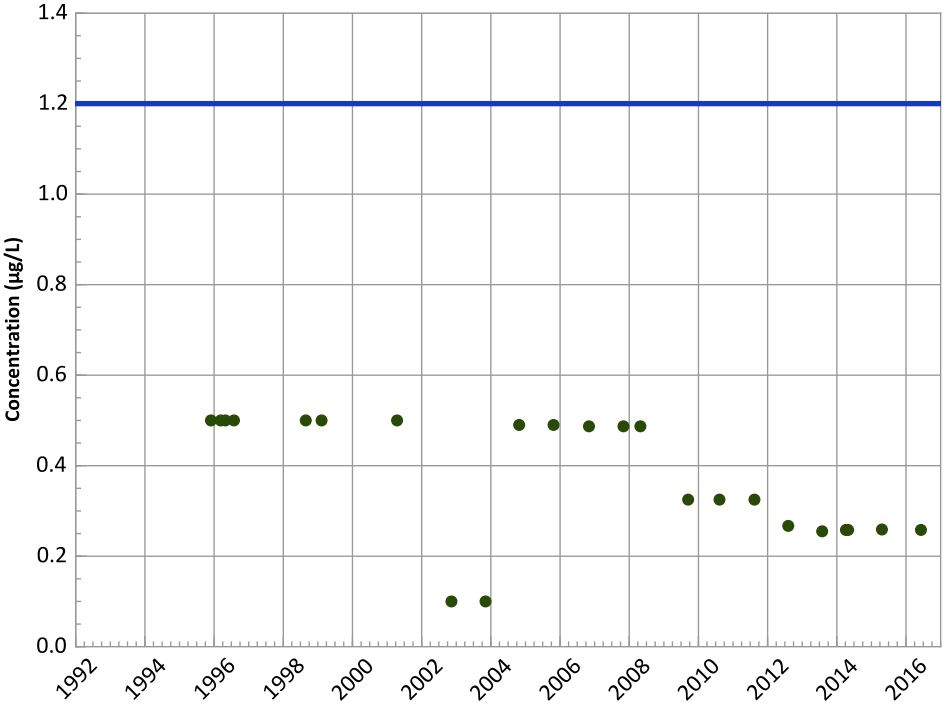


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

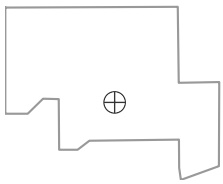
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 06/07/2016
Analysis Date: 03/07/2017

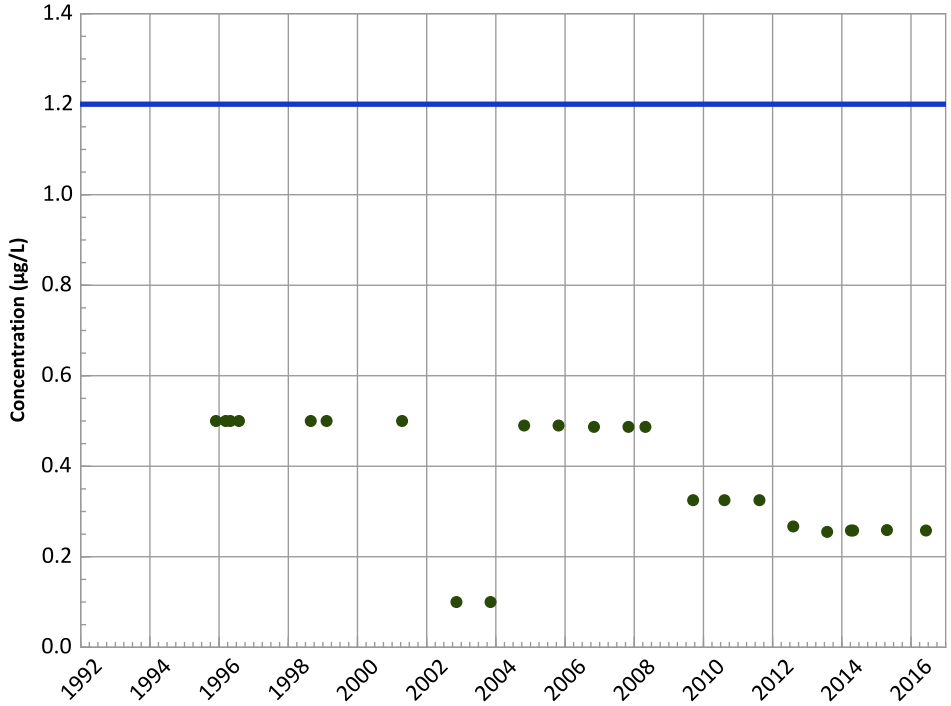
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

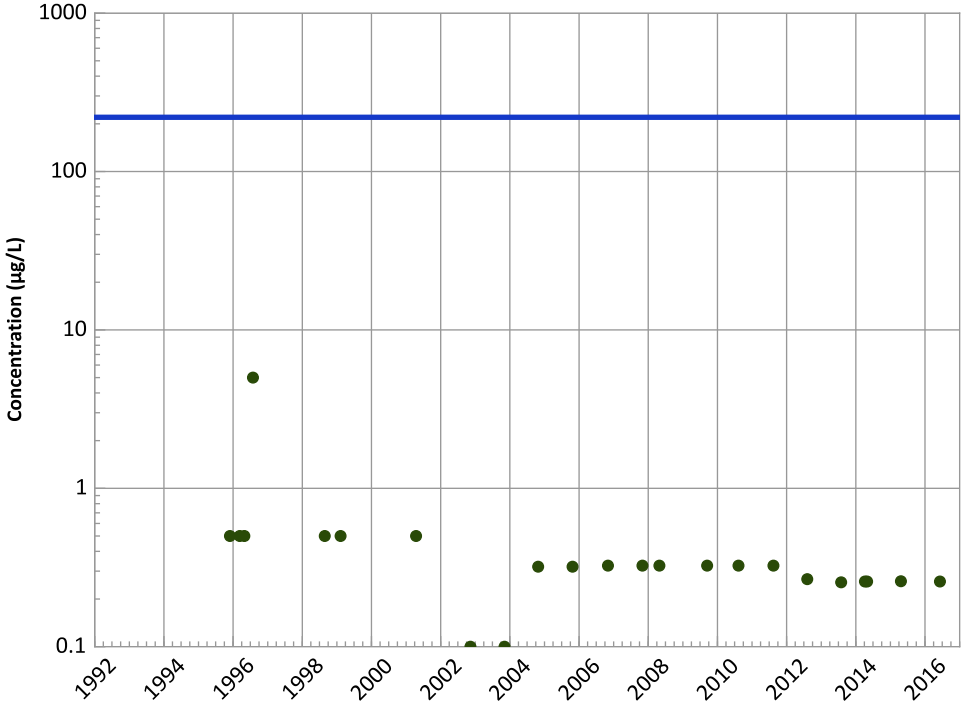


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

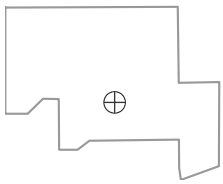
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 06/07/2016
Analysis Date: 03/07/2017

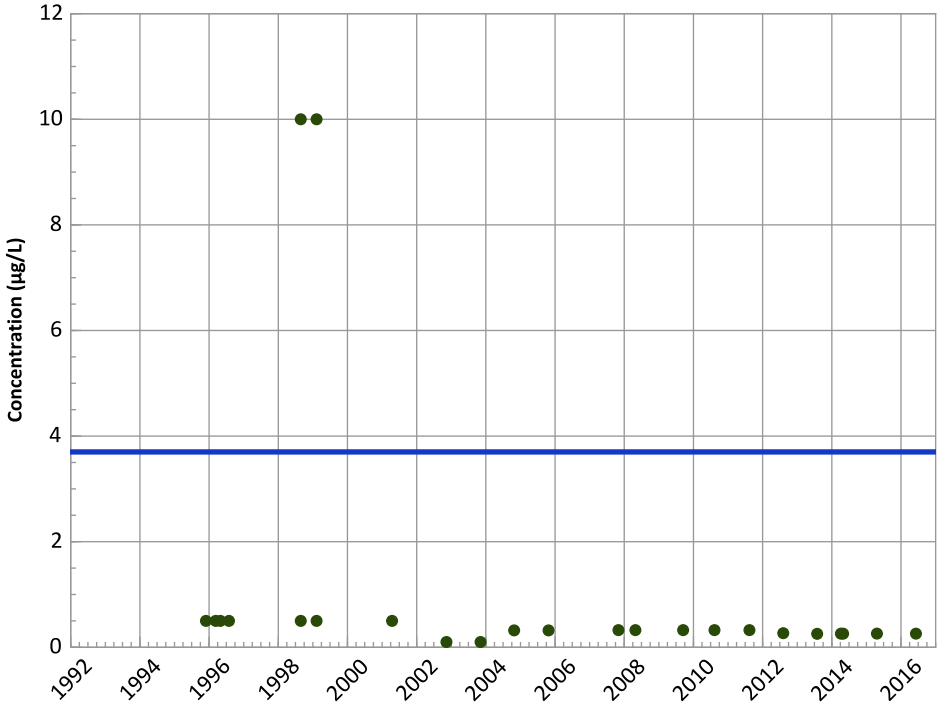
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

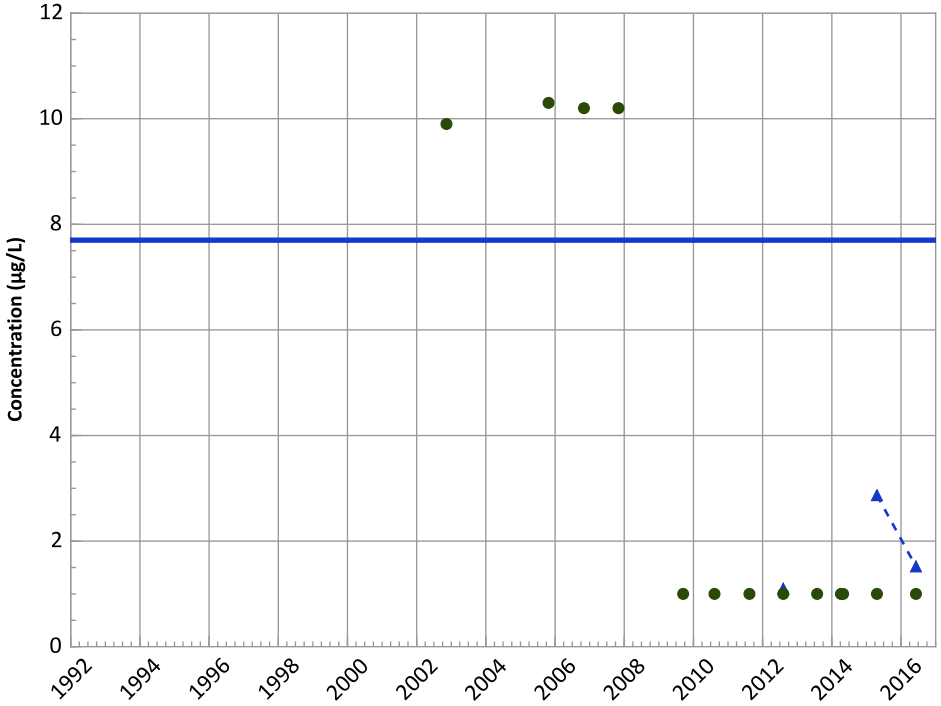


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

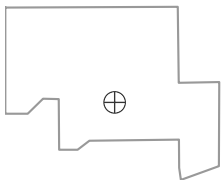
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 06/07/2016
Analysis Date: 03/07/2017

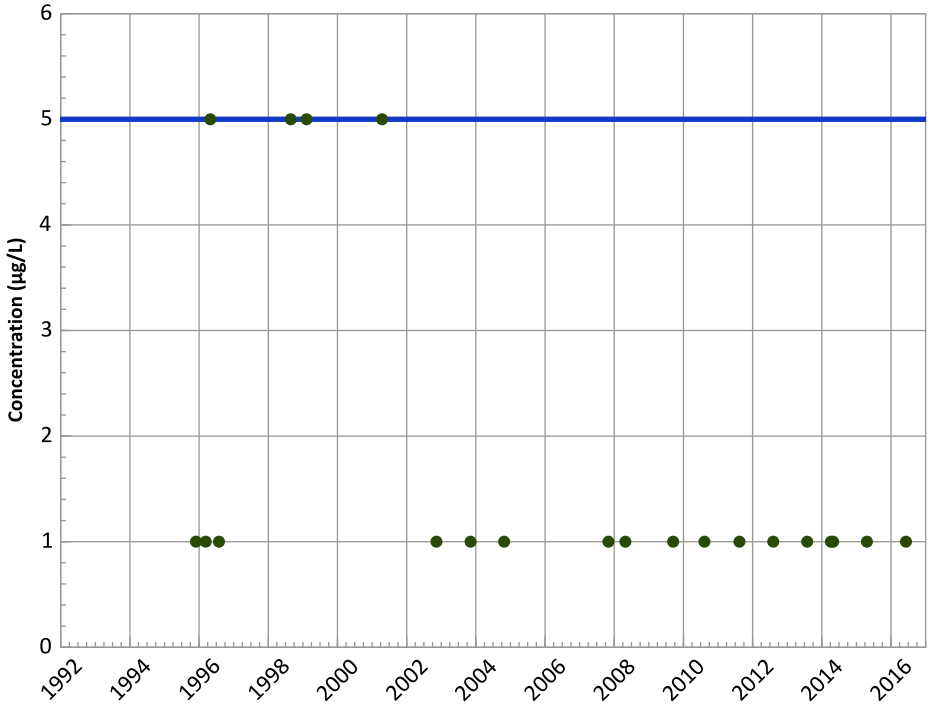
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

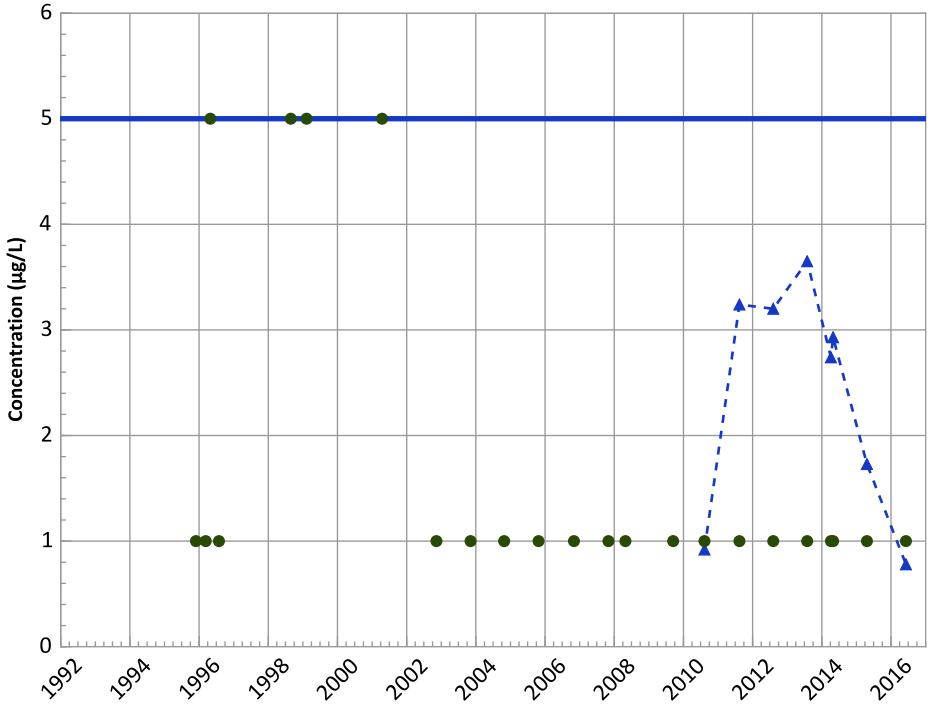


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

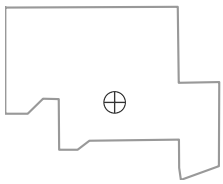
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 06/07/2016
Analysis Date: 03/07/2017

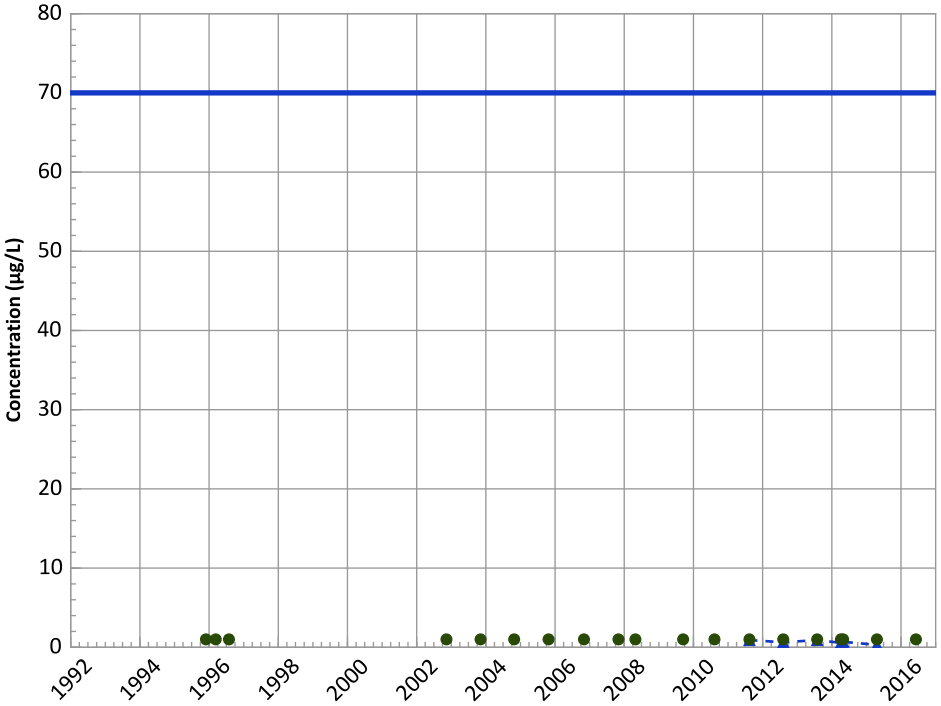
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

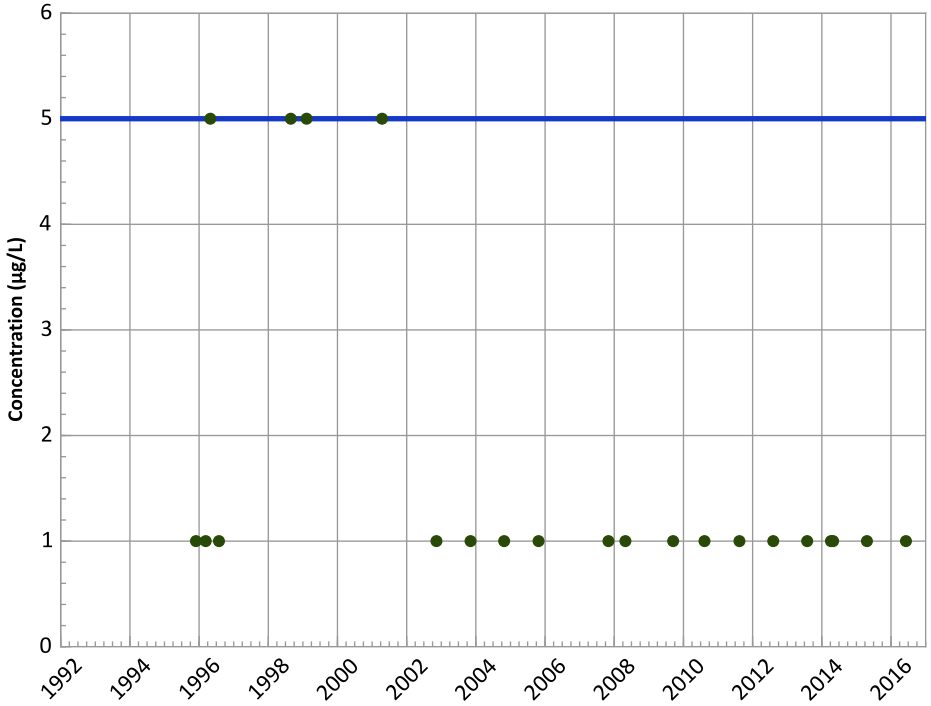


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

1,2-Dichloroethane Trend



Concentration Trend

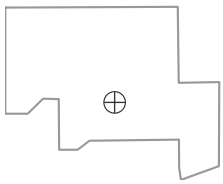
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 06/07/2016
Analysis Date: 03/07/2017

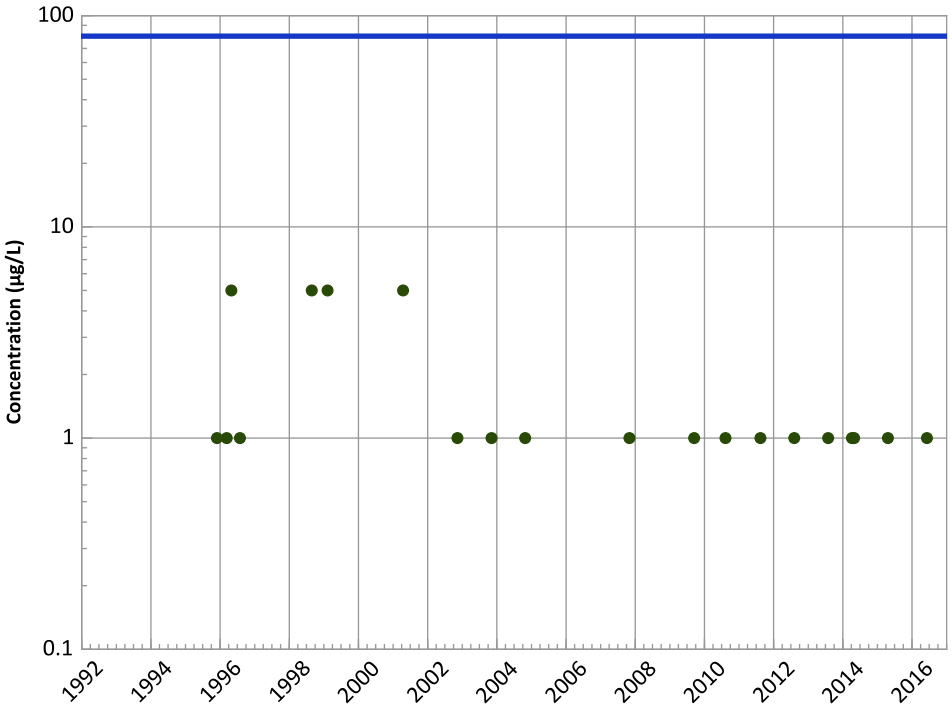
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

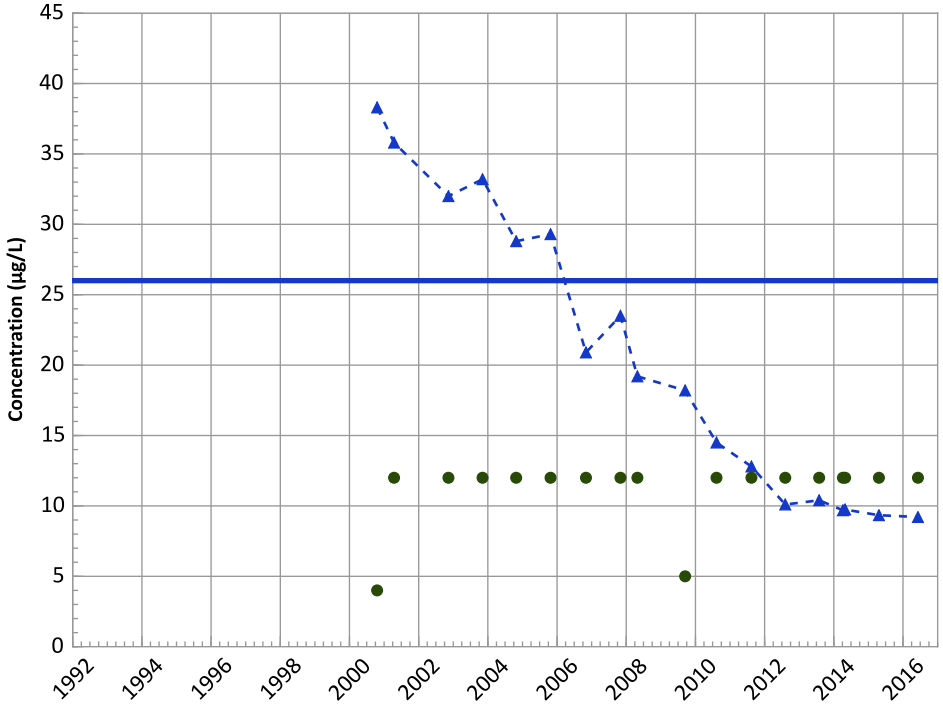


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

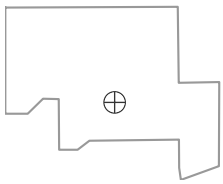
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 06/07/2016
Analysis Date: 03/07/2017

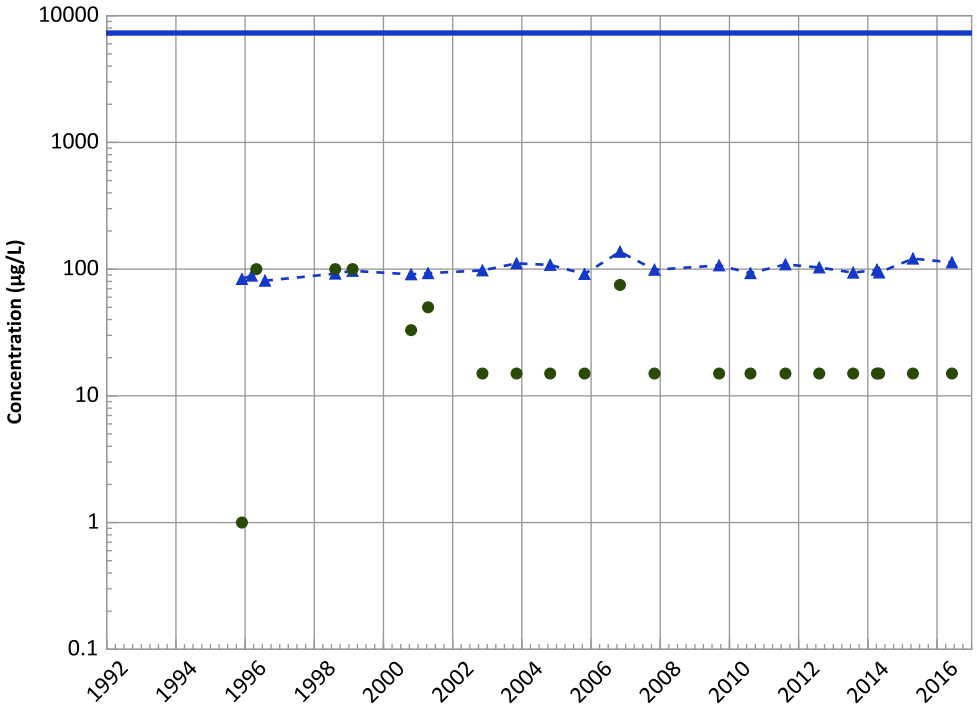
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

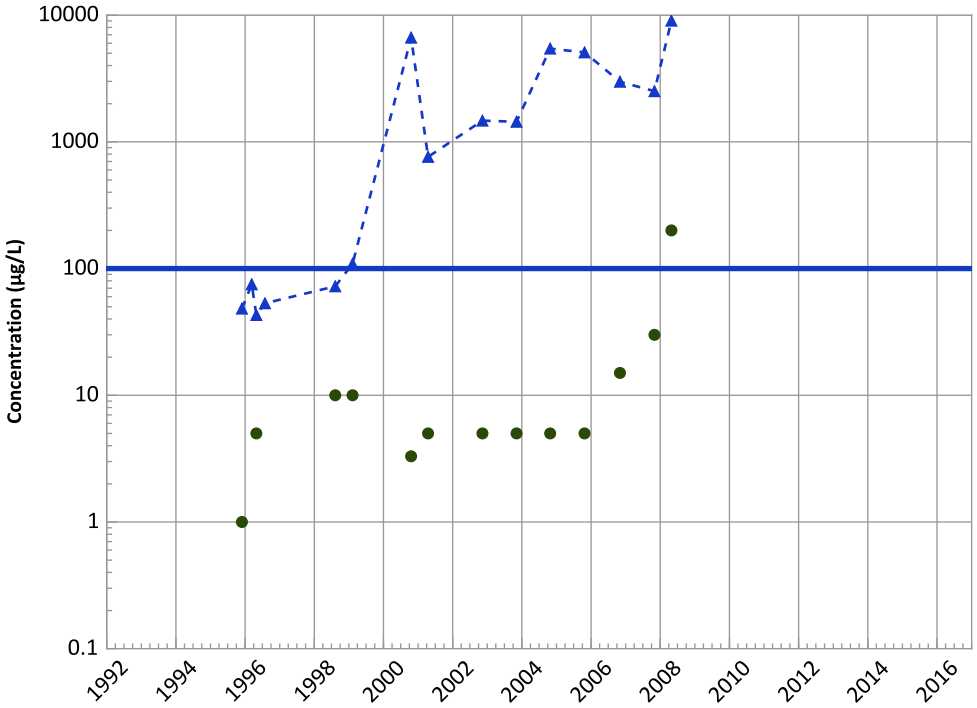


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Chromium, Total Trend



Concentration Trend

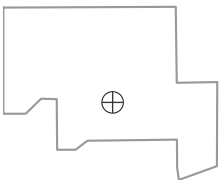
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 06/07/2016
Analysis Date: 03/07/2017

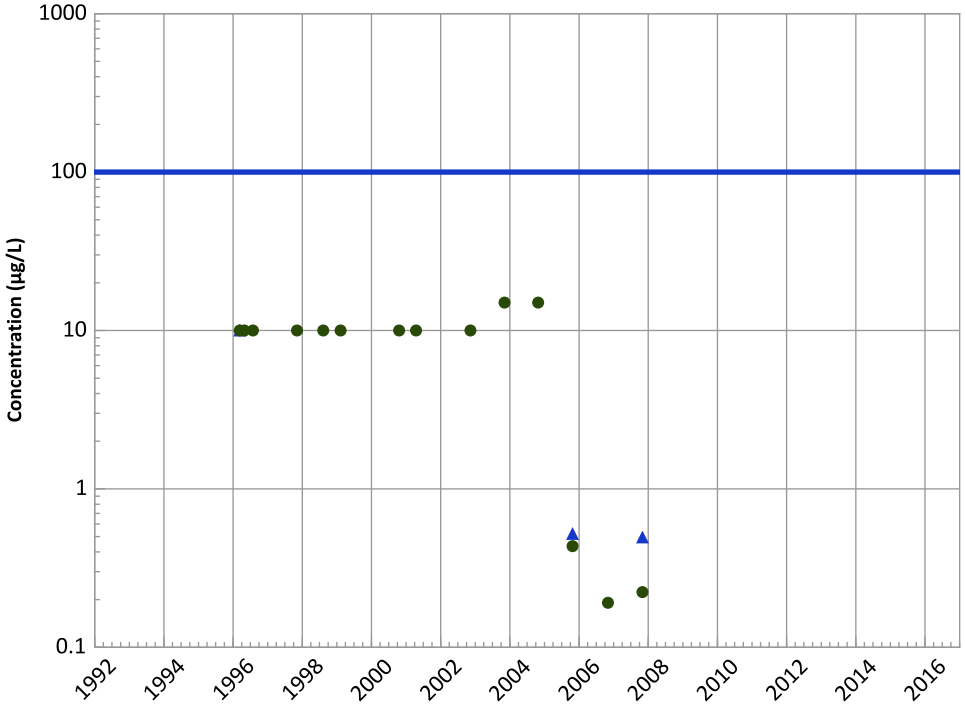
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

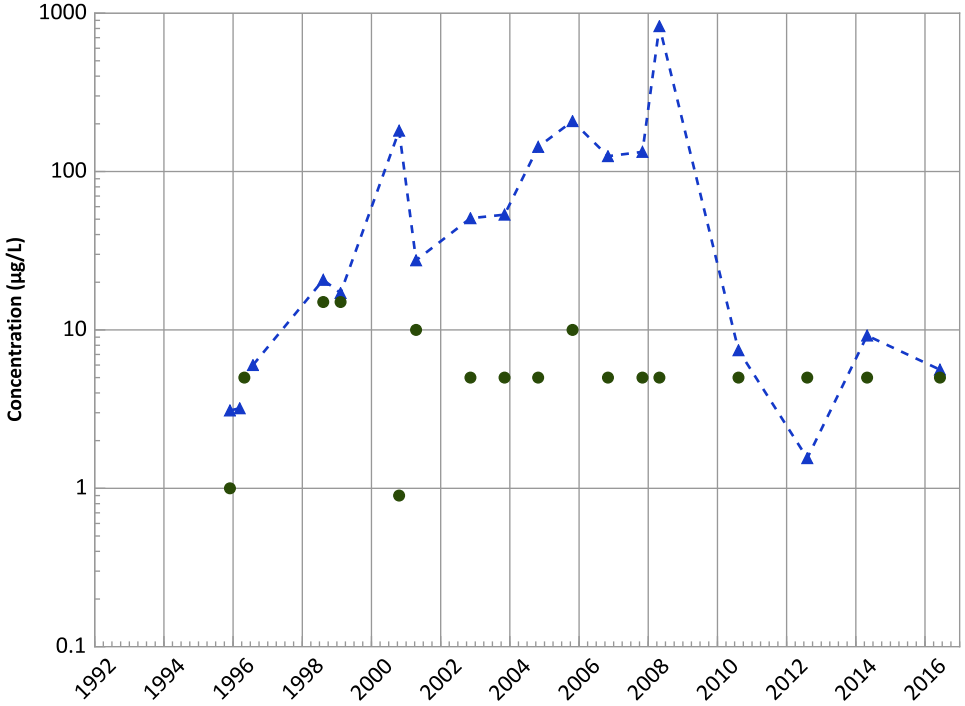


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

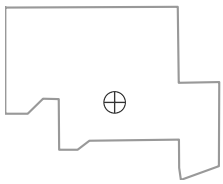
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 06/07/2016
Analysis Date: 03/07/2017

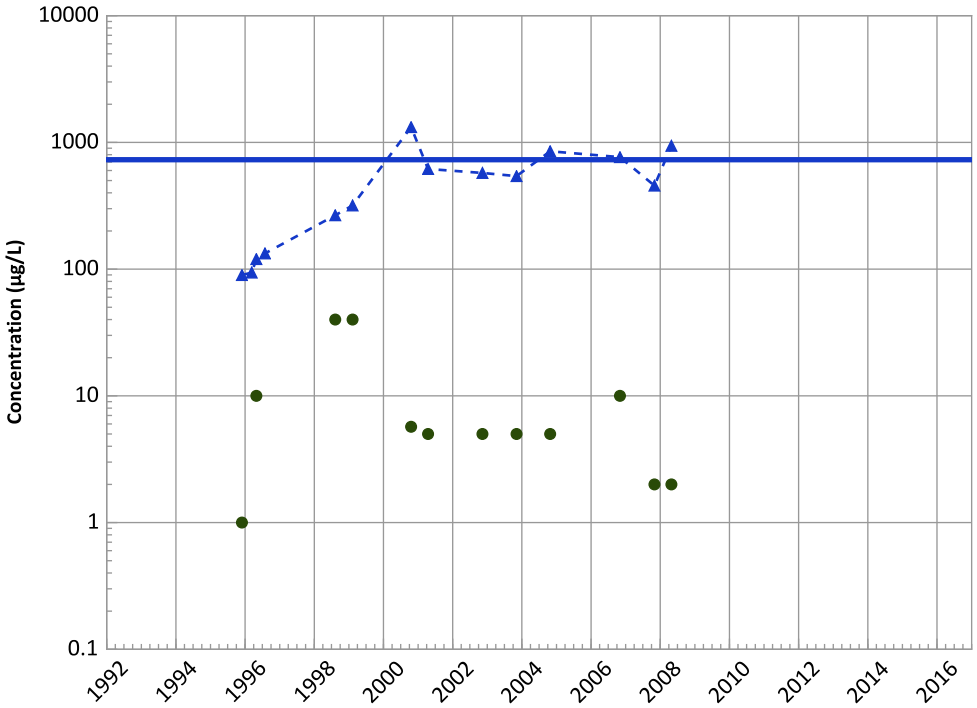
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

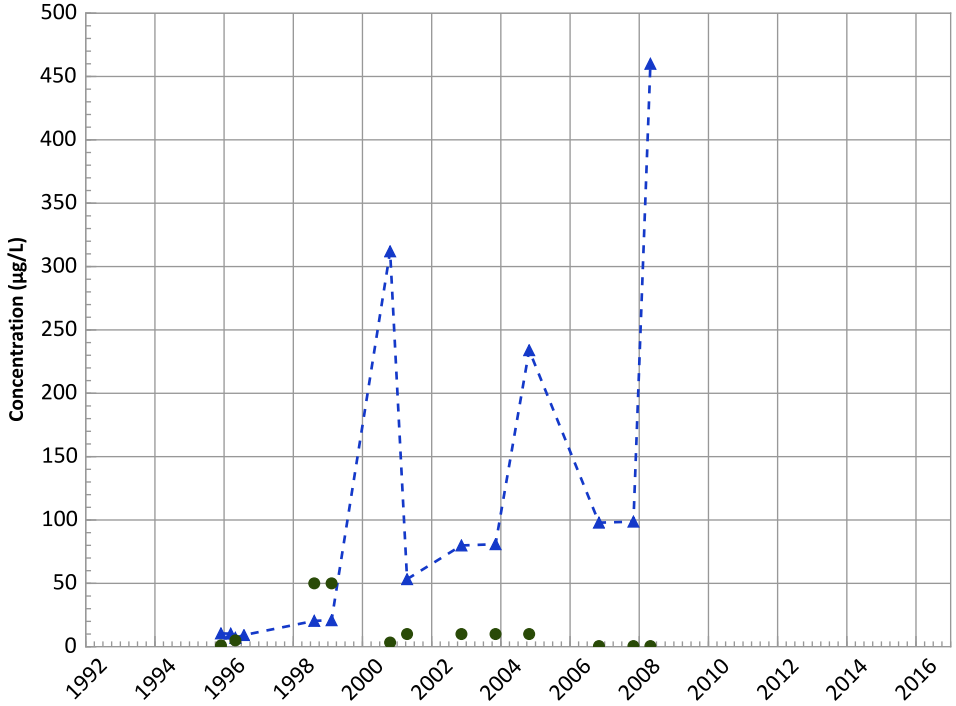


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Molybdenum Trend



Concentration Trend

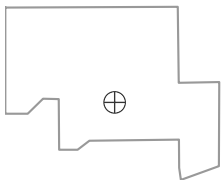
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 06/07/2016
Analysis Date: 03/07/2017

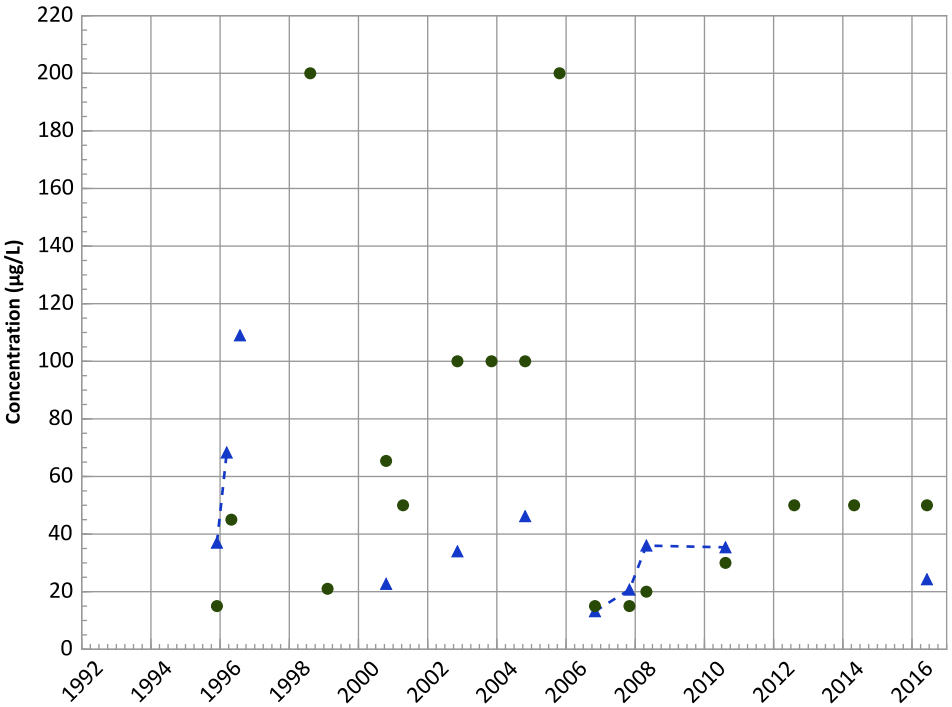
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

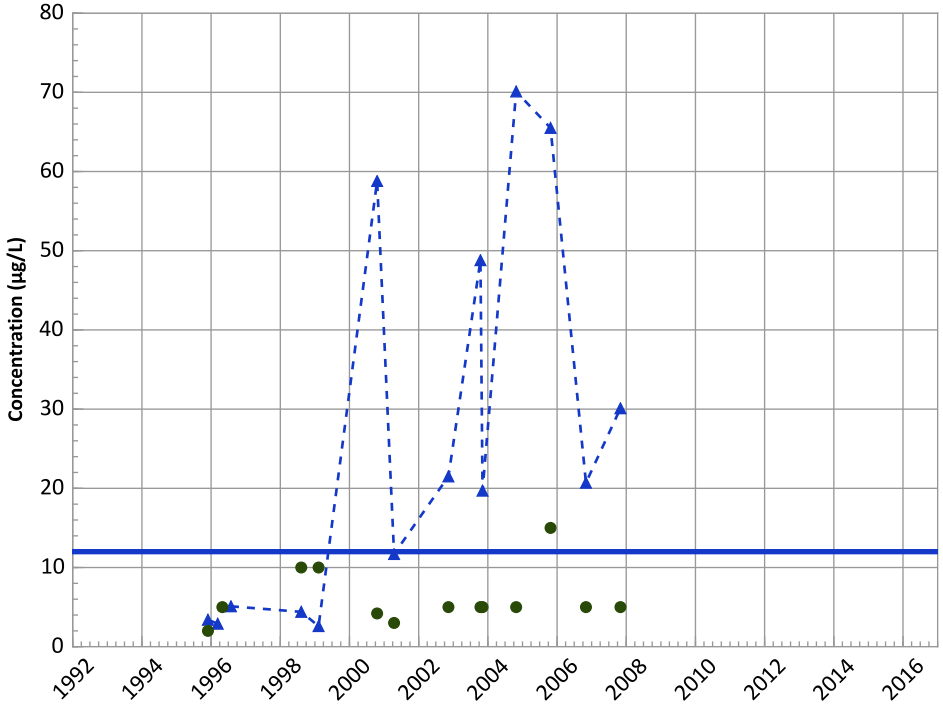


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Arsenic Trend



Concentration Trend

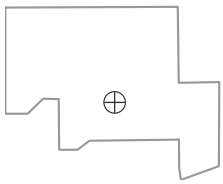
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 06/07/2016
Analysis Date: 03/07/2017

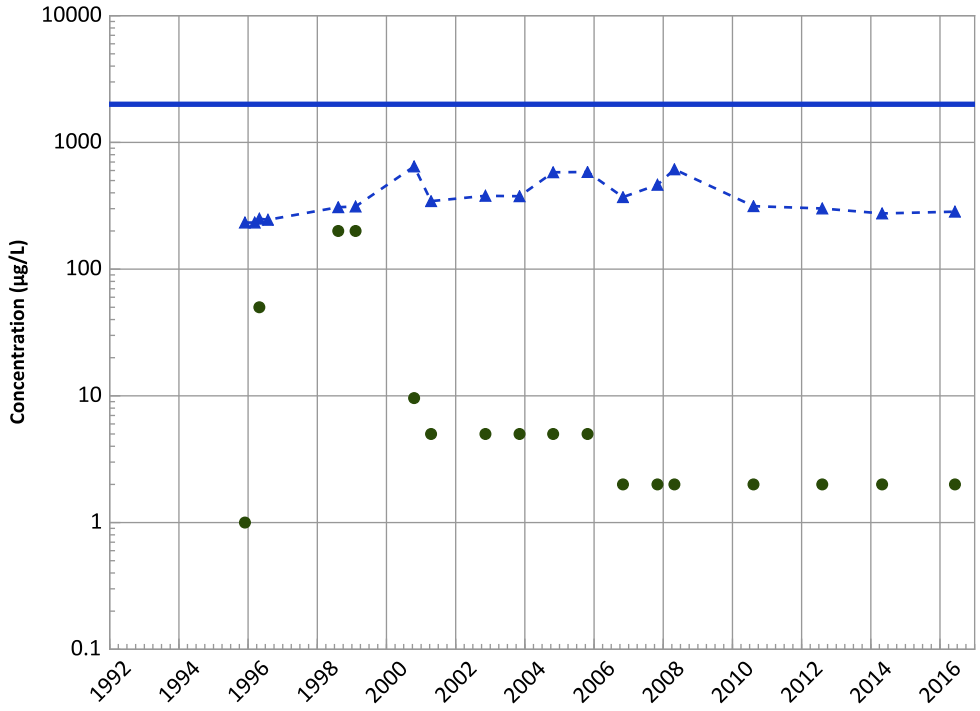
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

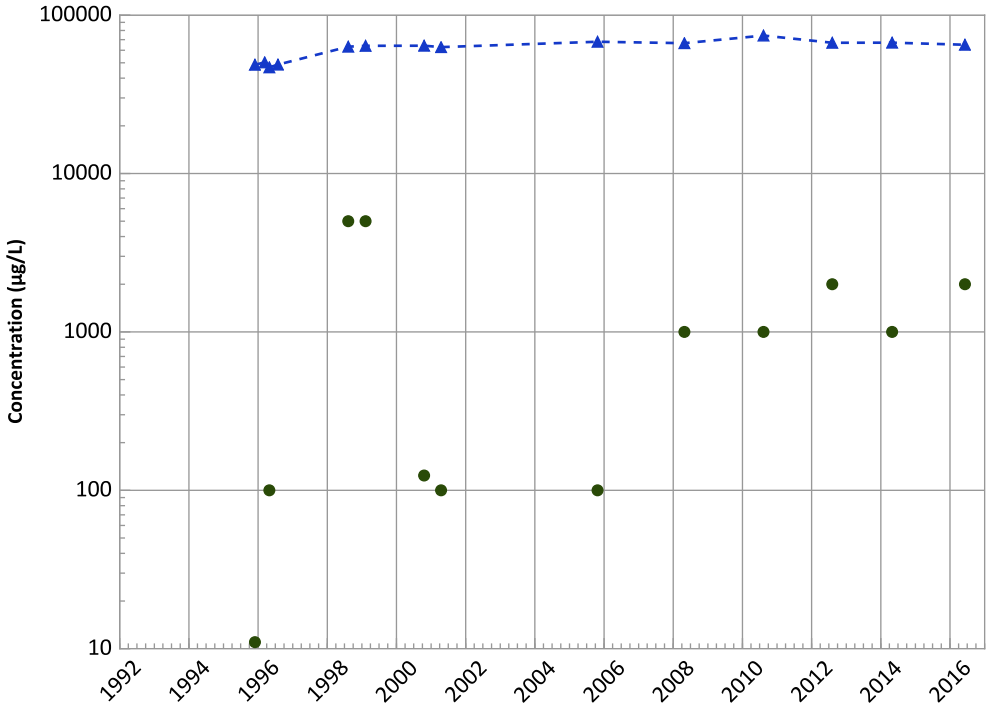


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
No Trend

Calcium Trend



Concentration Trend

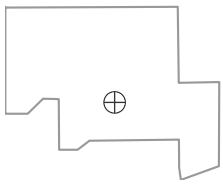
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 06/07/2016
Analysis Date: 03/07/2017

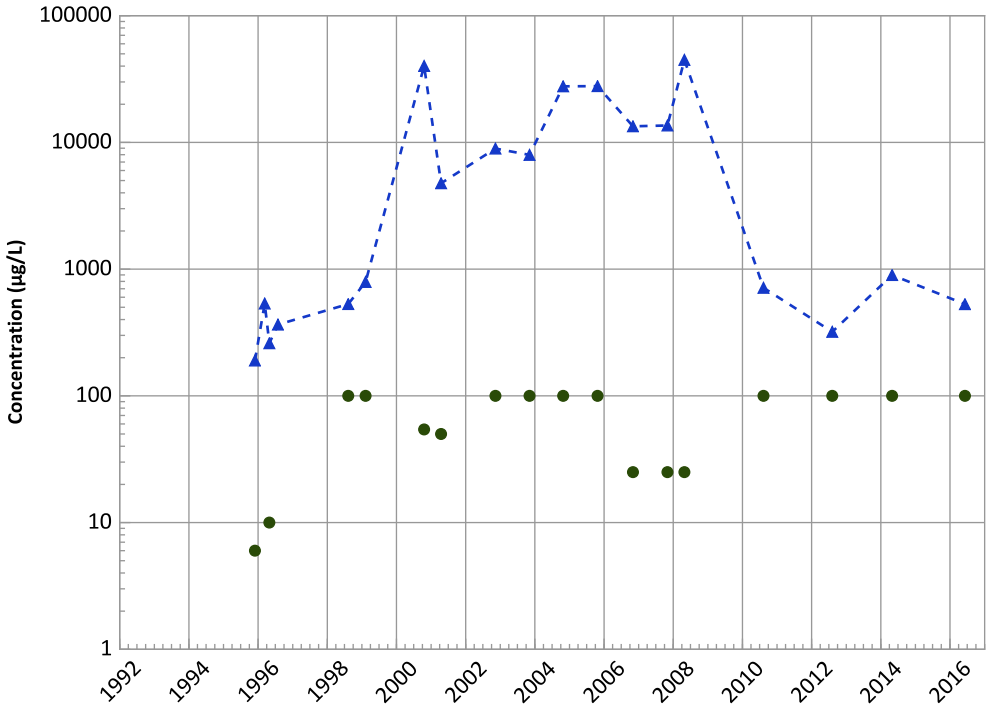
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

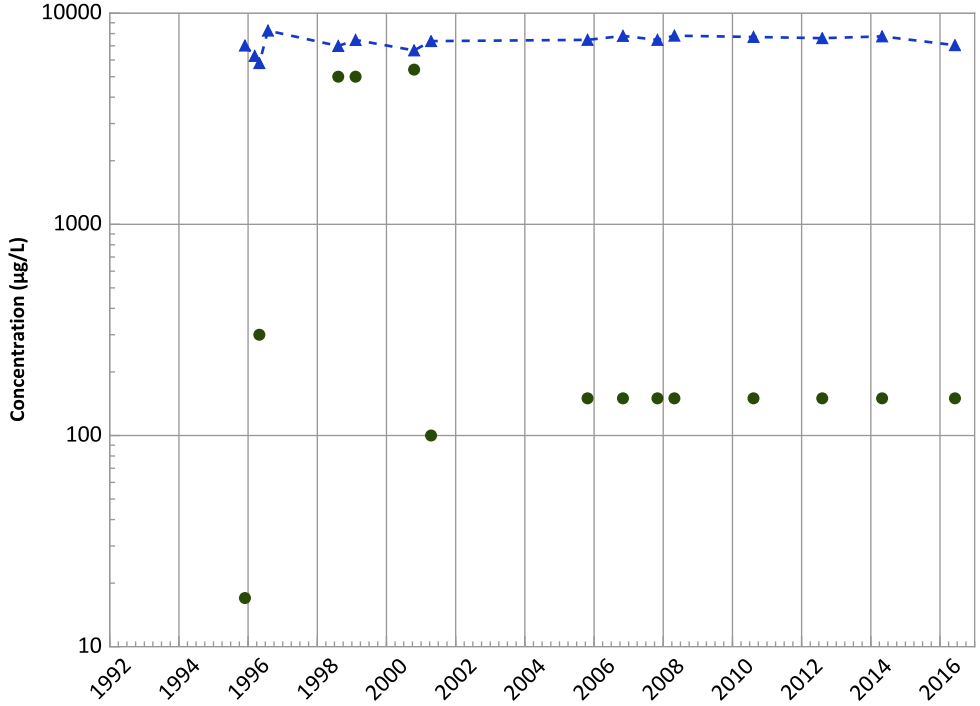


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

Potassium Trend



Concentration Trend

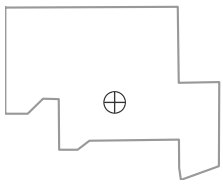
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 06/07/2016
Analysis Date: 03/07/2017

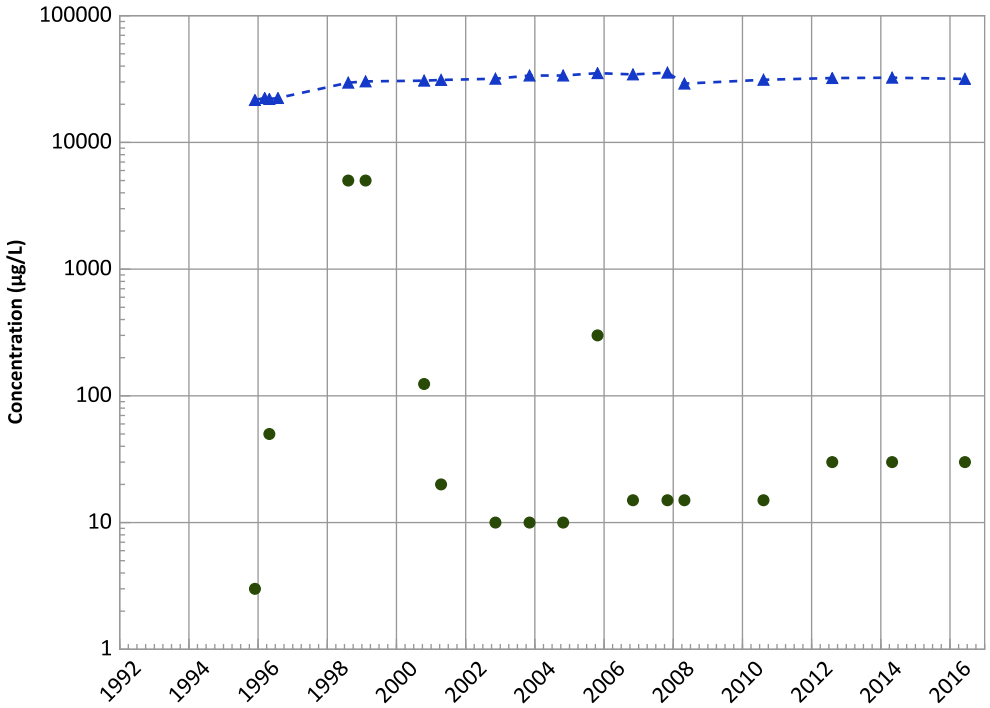
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

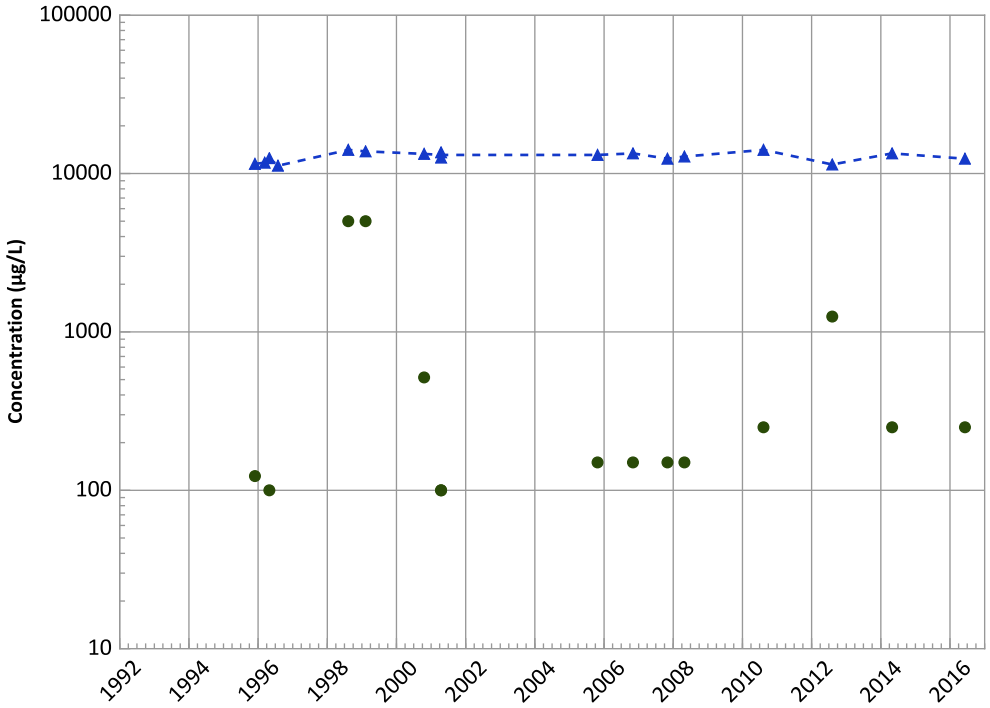


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Sodium Trend



Concentration Trend

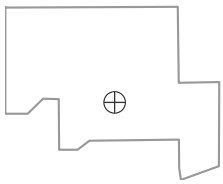
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

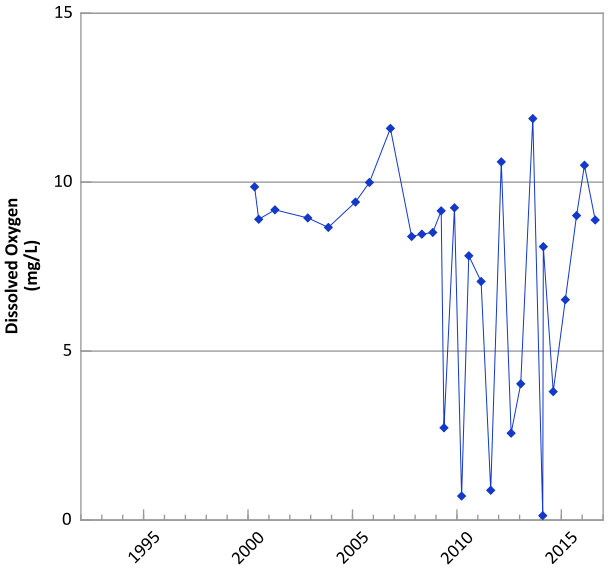
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 06/07/2016
Analysis Date: 03/07/2017

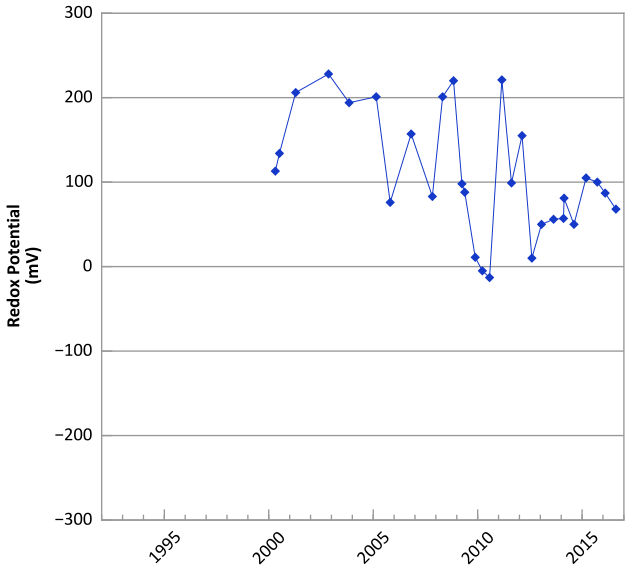
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

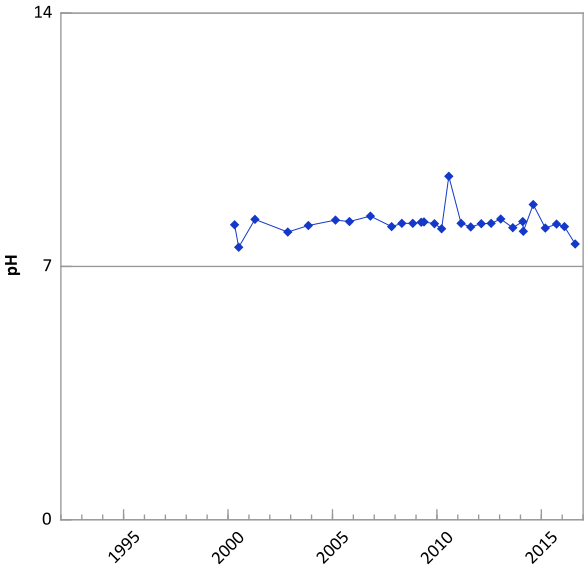
Well Location

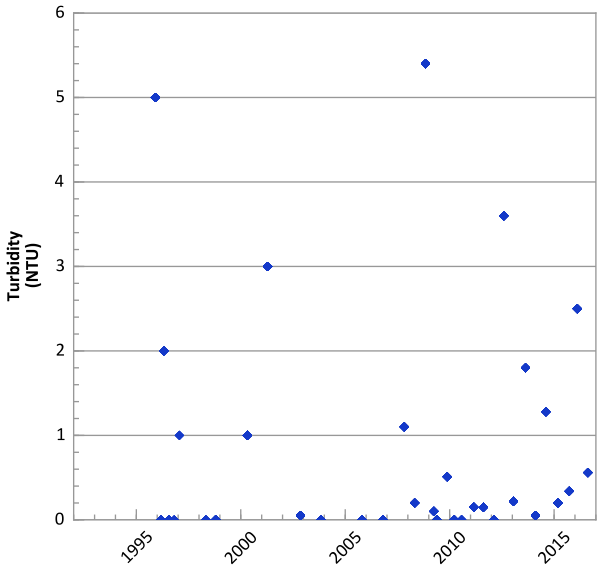


PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



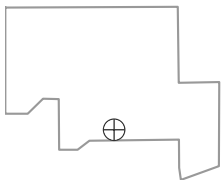






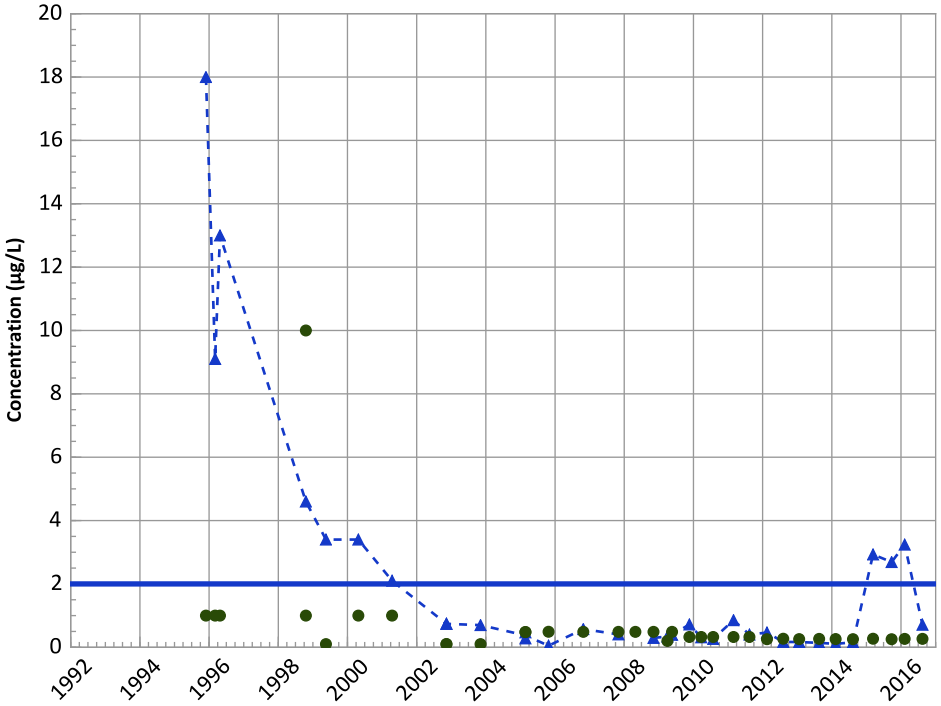
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 08/15/2016
Analysis Date: 03/07/2017

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

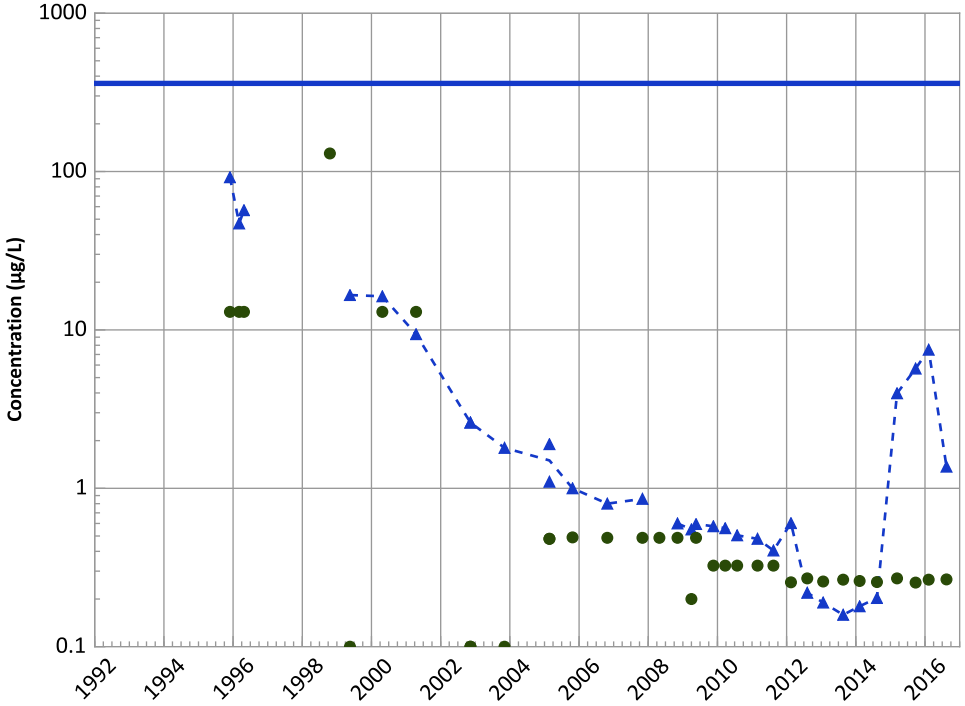


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

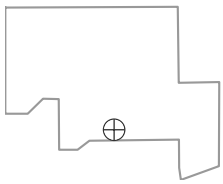
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 08/15/2016
Analysis Date: 03/07/2017

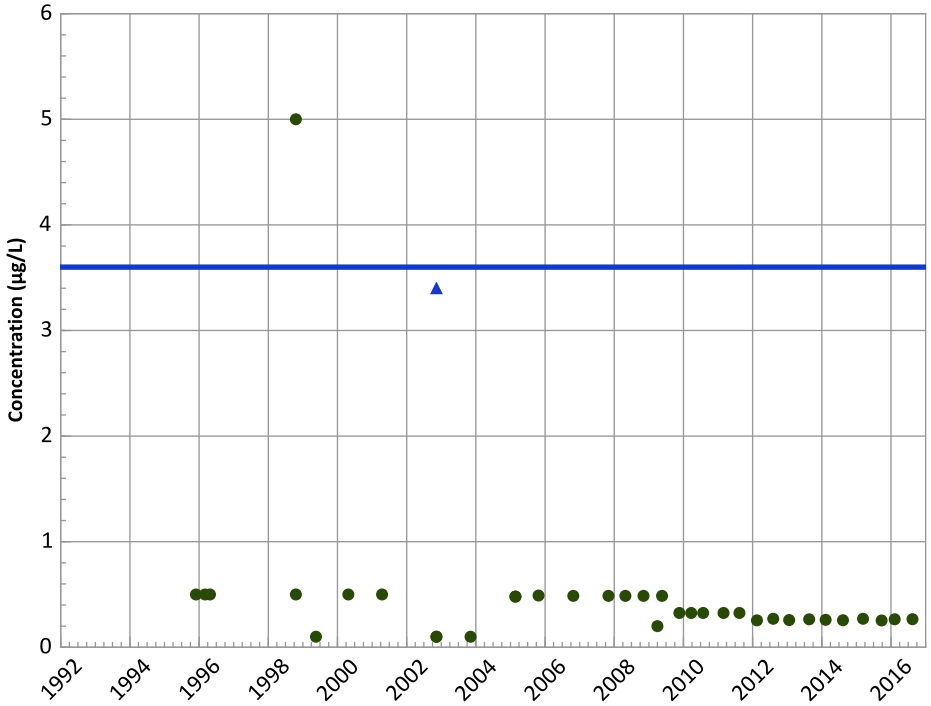
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

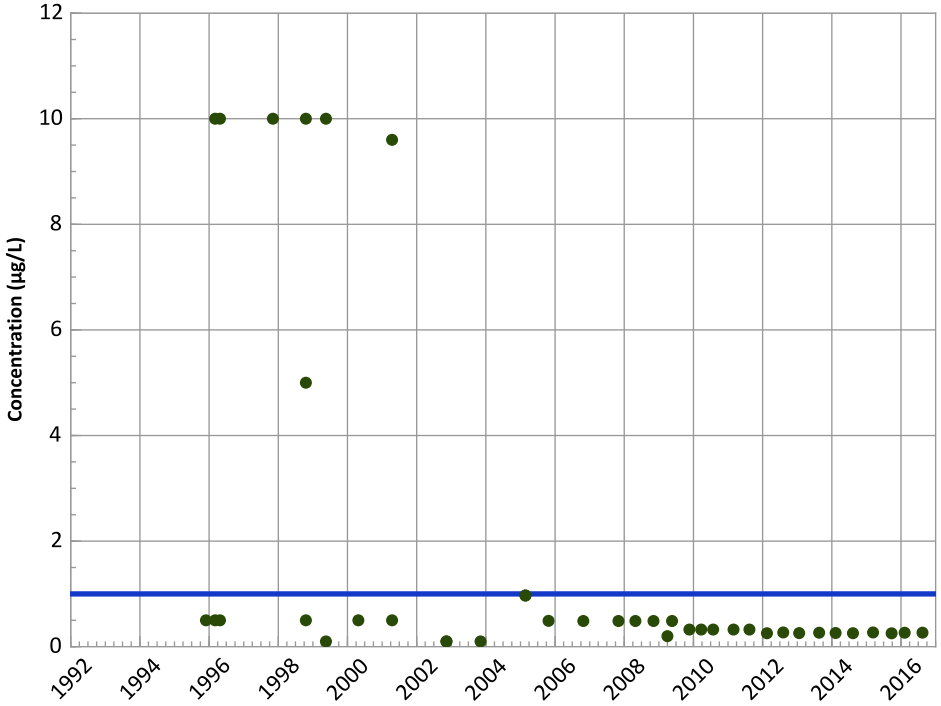


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

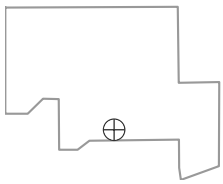
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 08/15/2016
Analysis Date: 03/07/2017

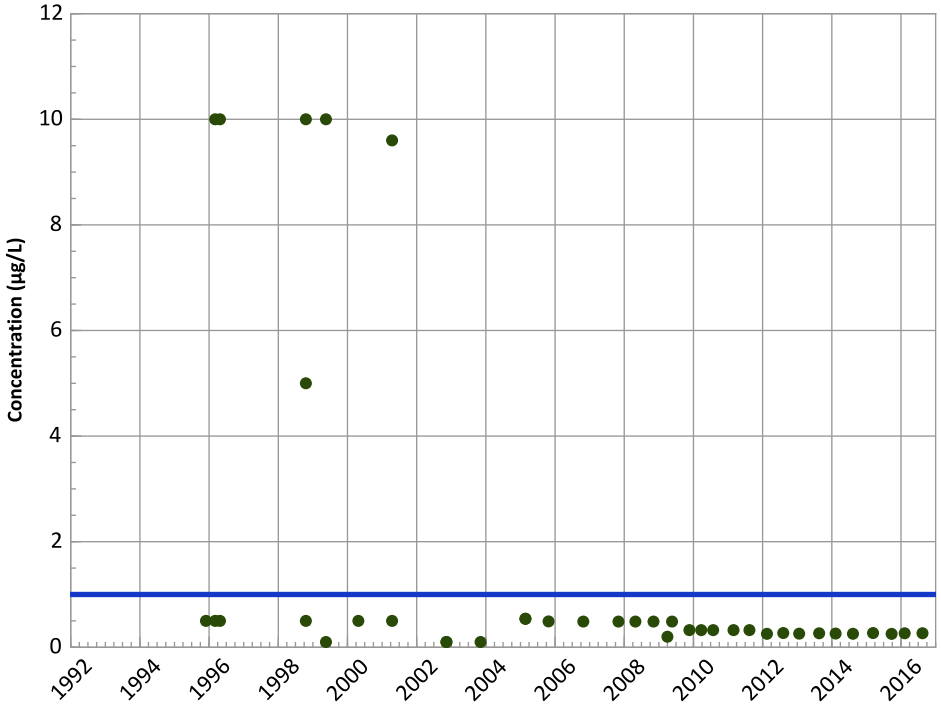
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

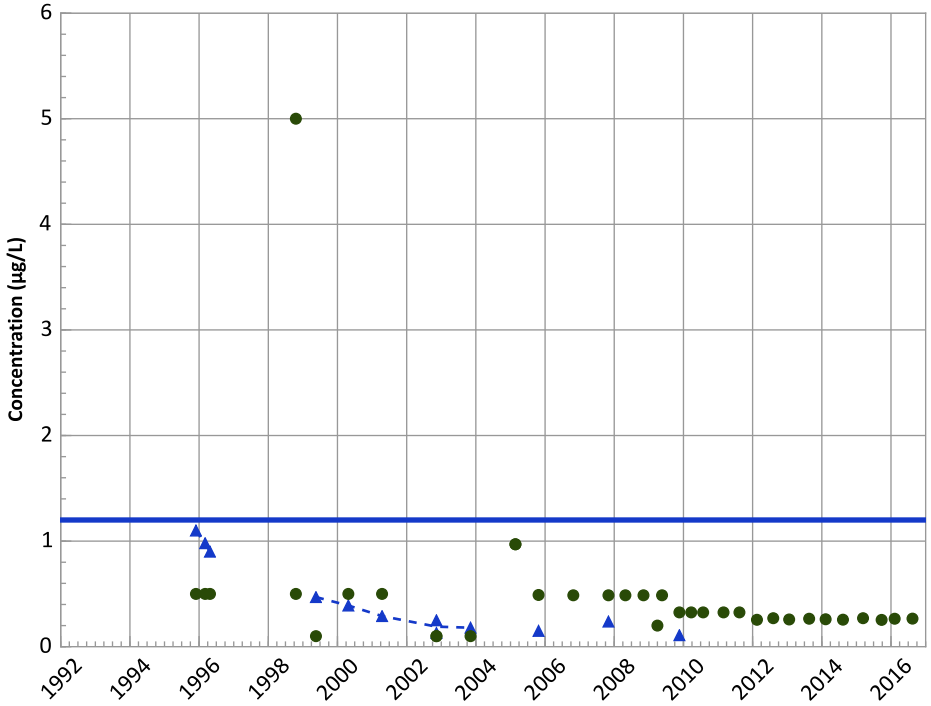


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

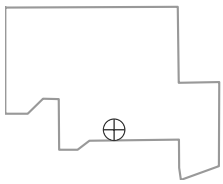
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 08/15/2016
Analysis Date: 03/07/2017

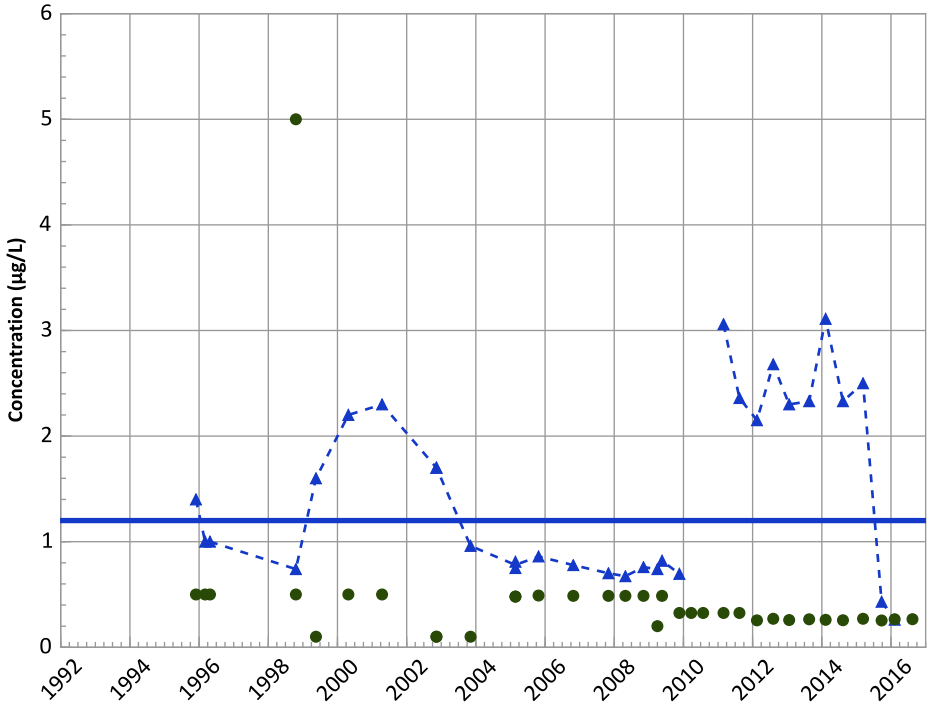
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

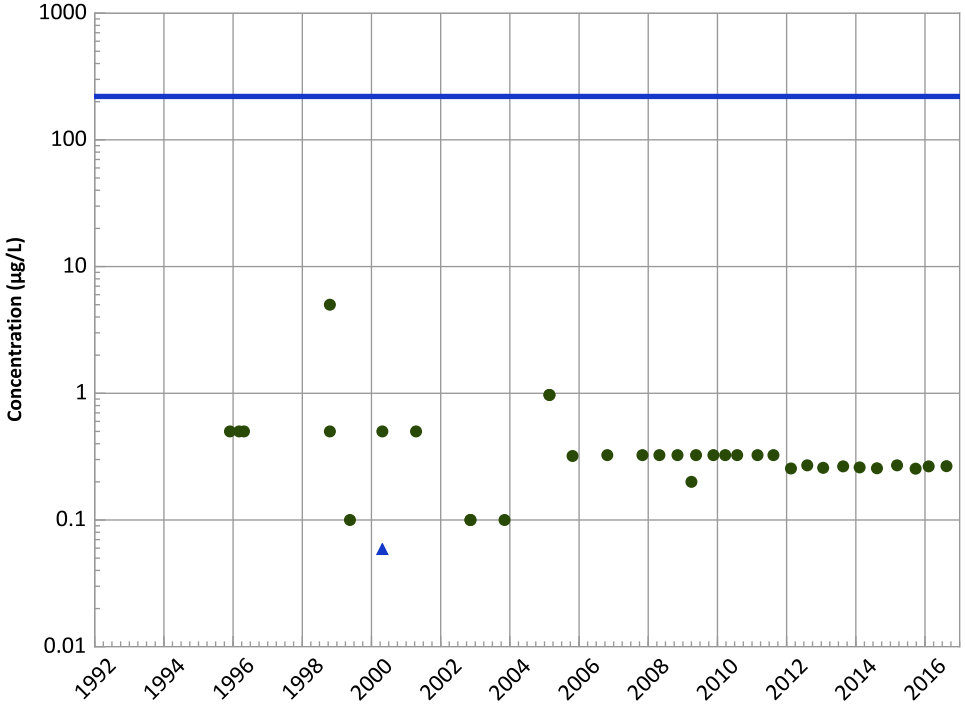


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

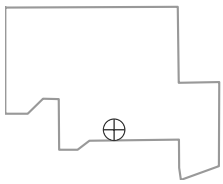
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 08/15/2016
Analysis Date: 03/07/2017

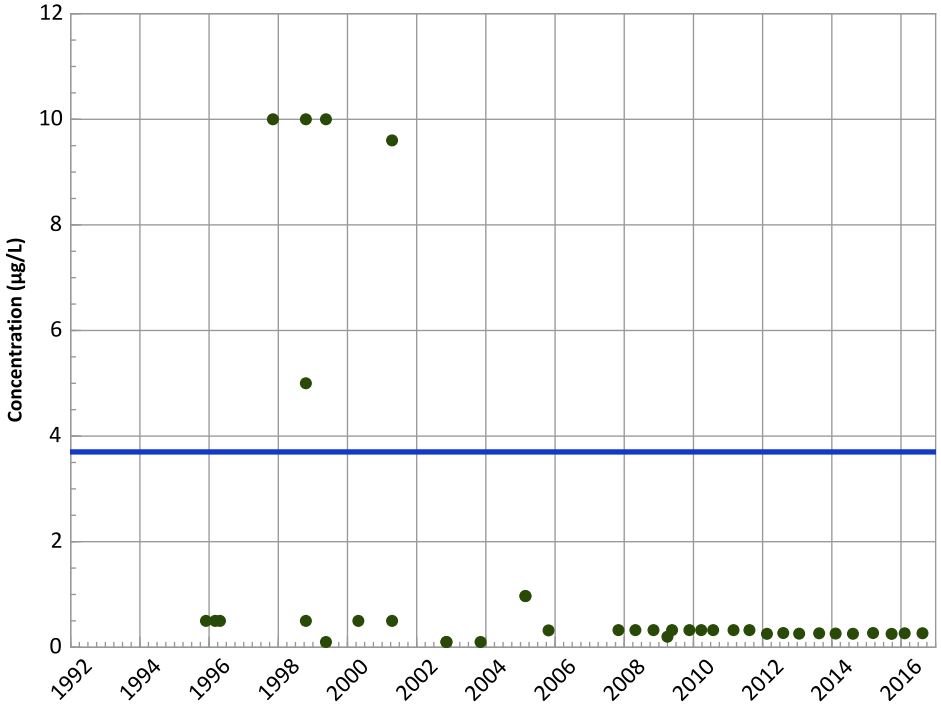
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

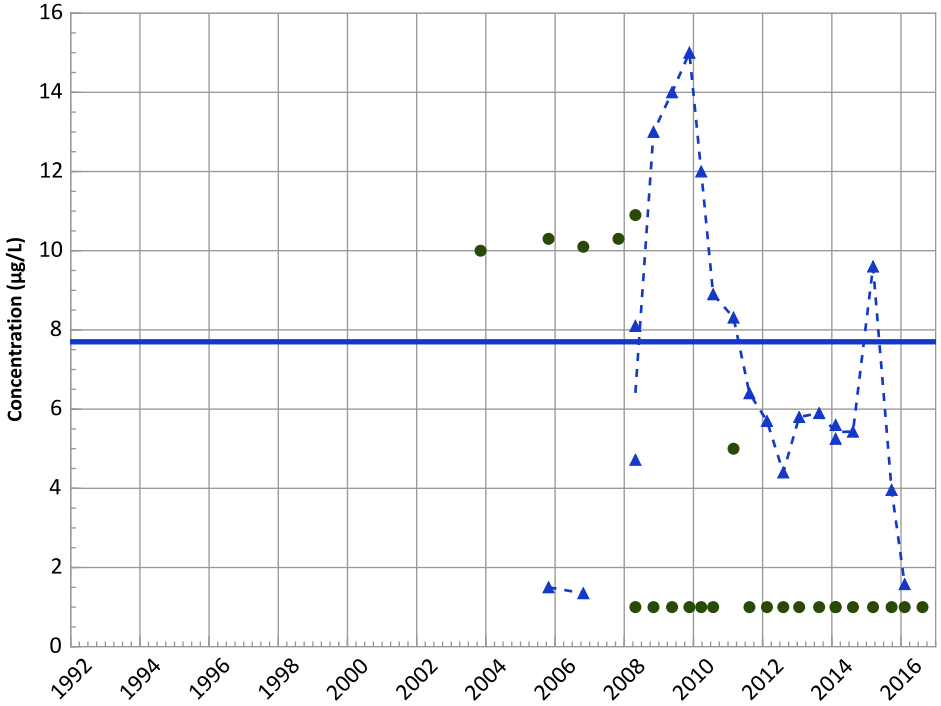


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

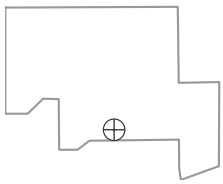
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 08/15/2016
Analysis Date: 03/07/2017

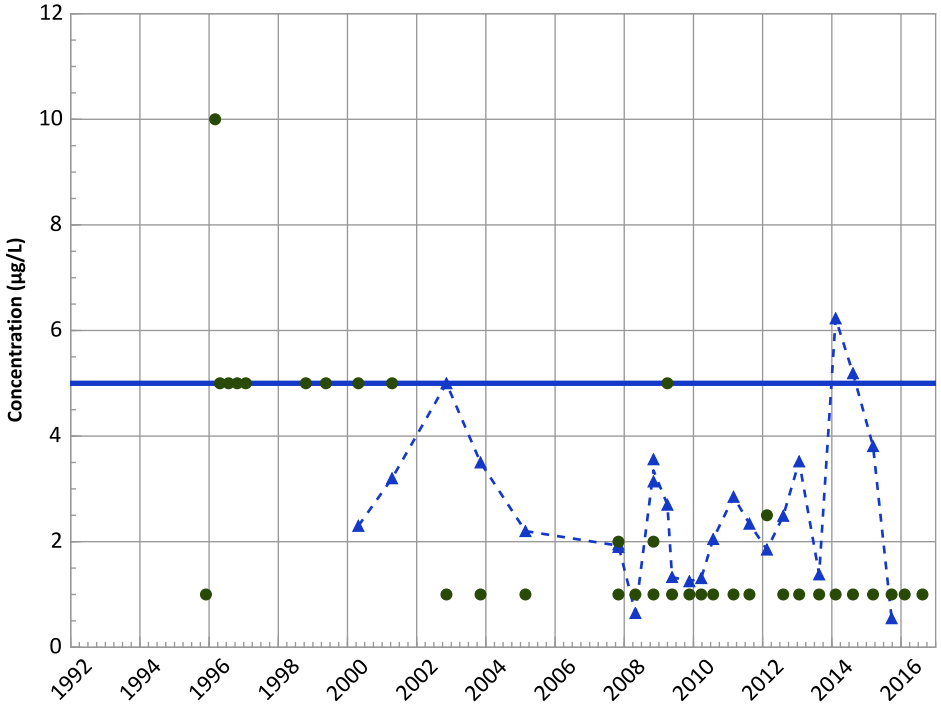
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

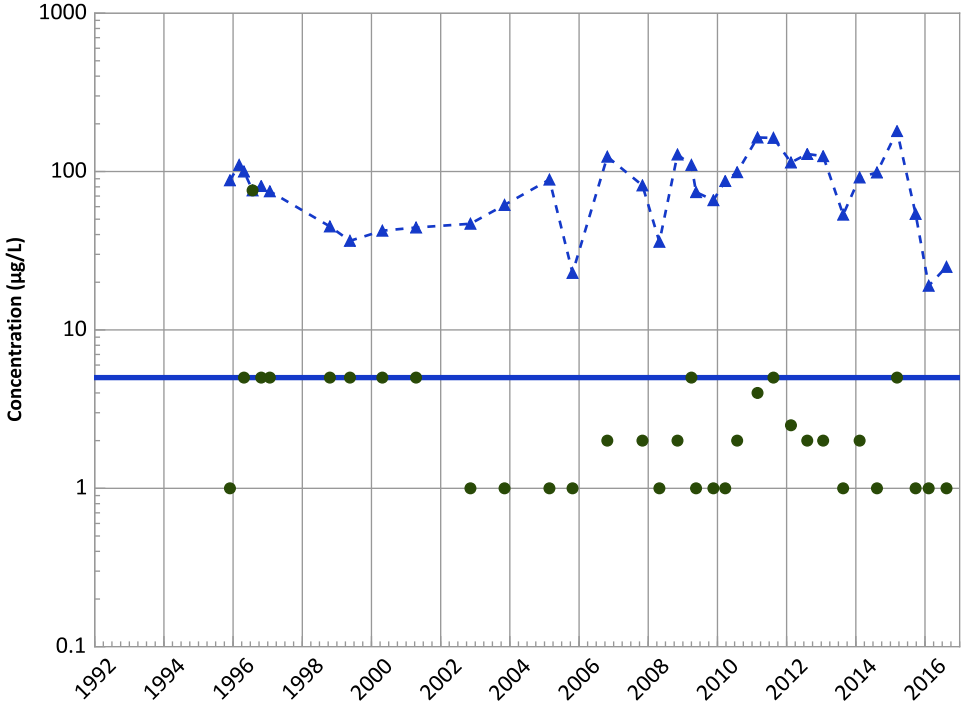


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Stable

Trichloroethene Trend



Concentration Trend

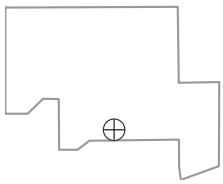
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 08/15/2016
Analysis Date: 03/07/2017

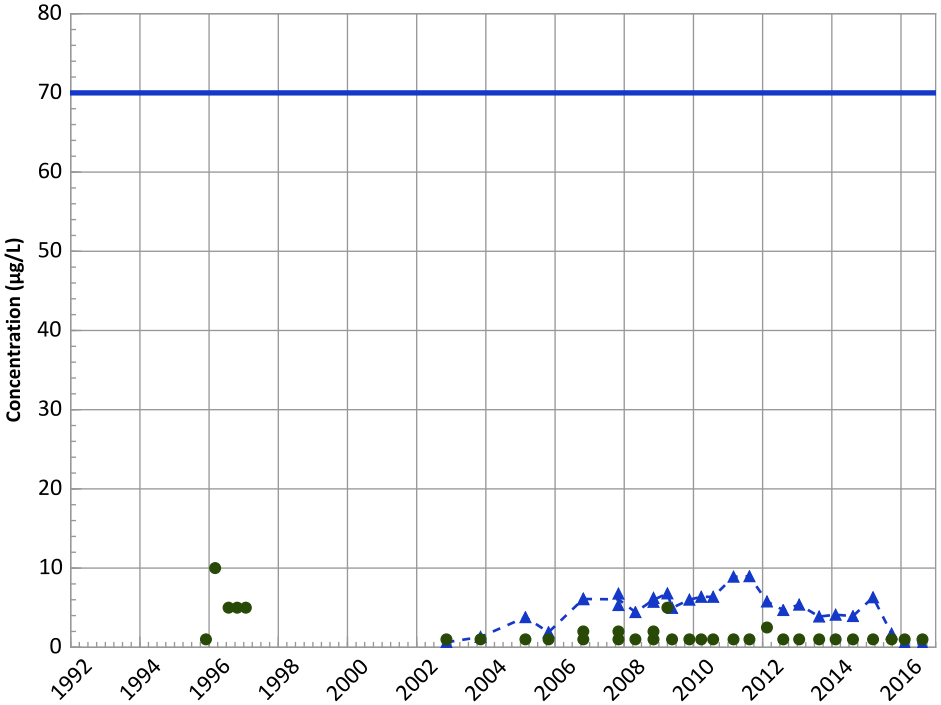
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

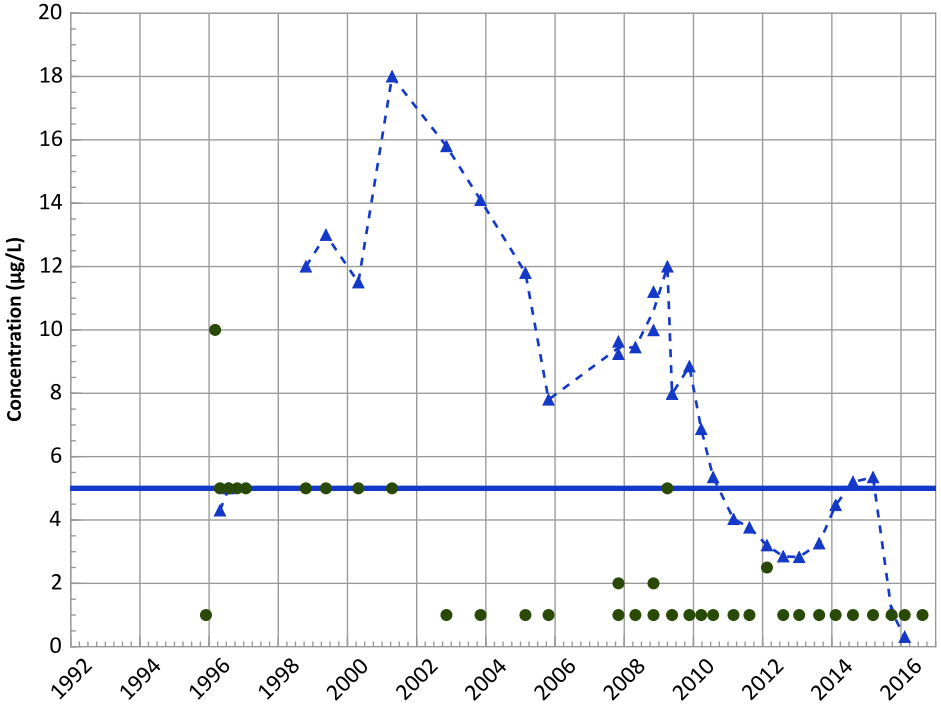


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Stable

1,2-Dichloroethane Trend



Concentration Trend

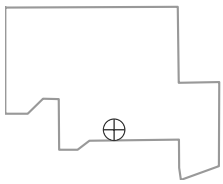
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 08/15/2016
Analysis Date: 03/07/2017

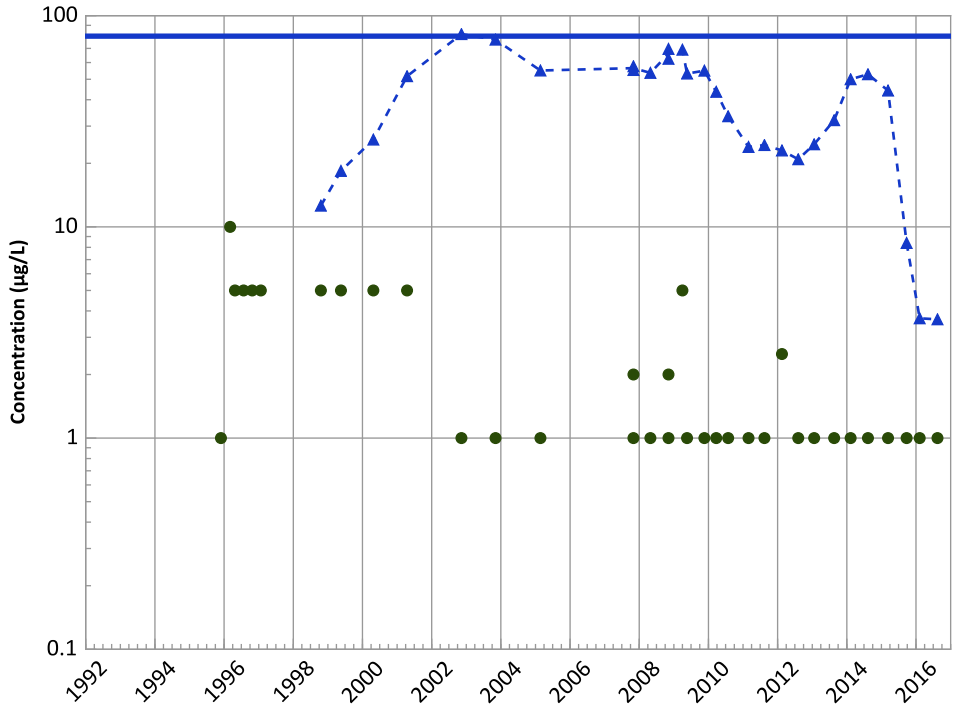
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

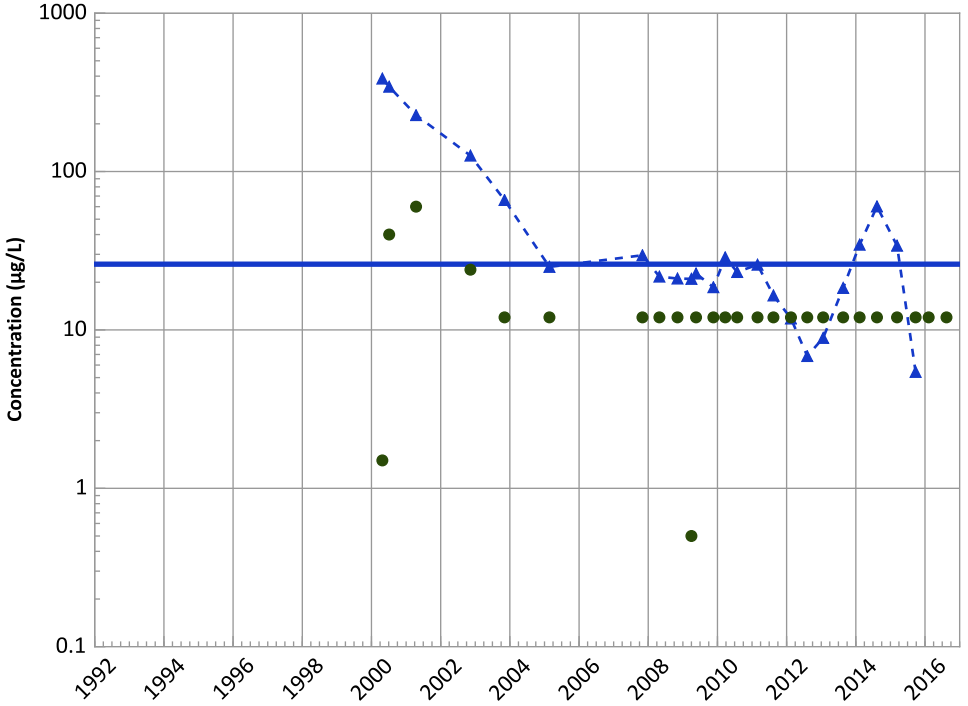


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Perchlorate Trend



Concentration Trend

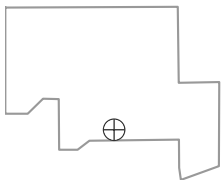
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 08/15/2016
Analysis Date: 03/07/2017

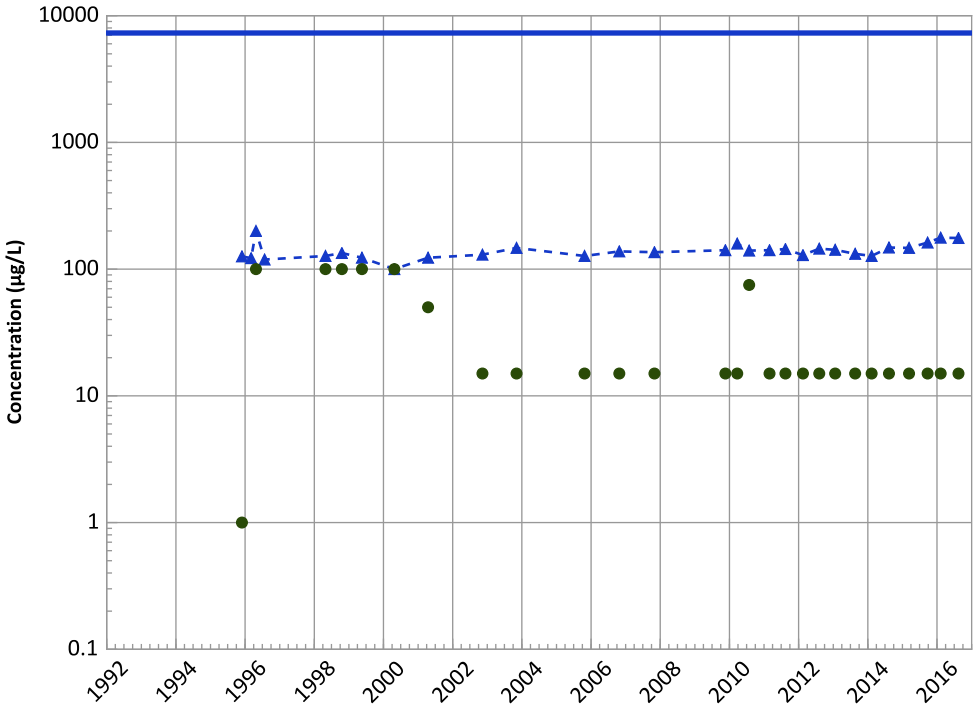
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

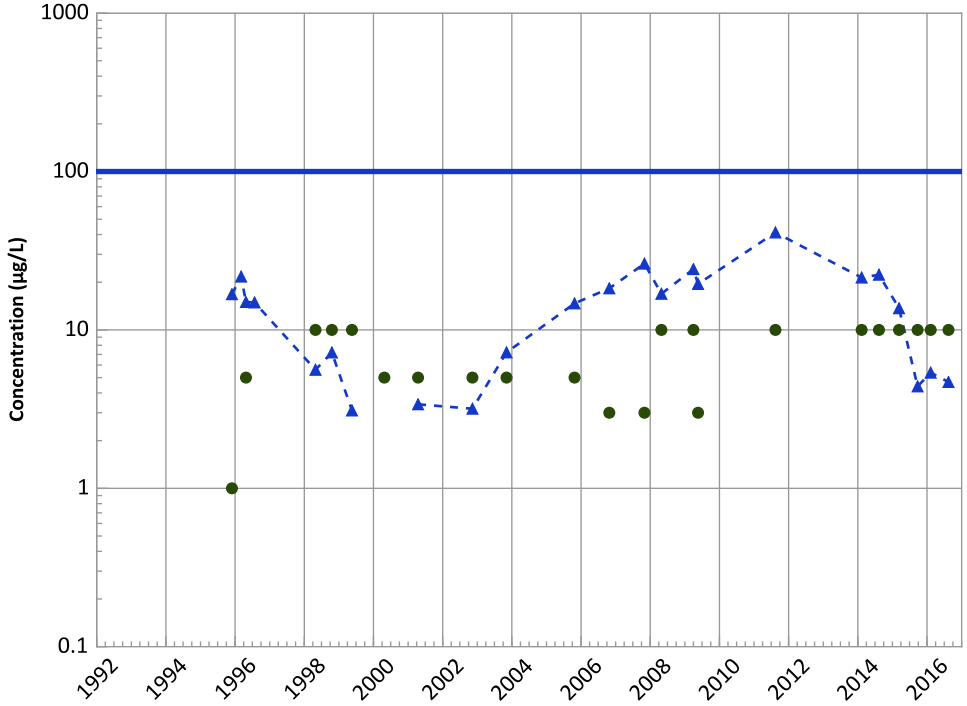


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Chromium, Total Trend



Concentration Trend

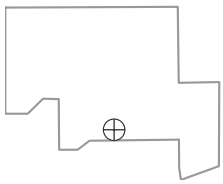
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 08/15/2016
Analysis Date: 03/07/2017

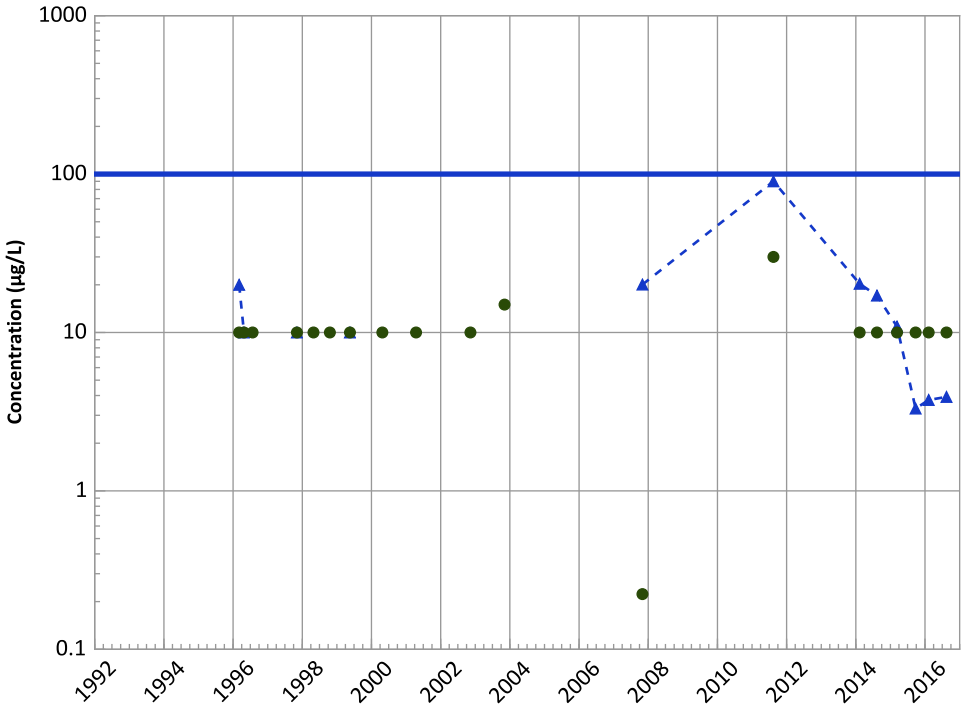
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

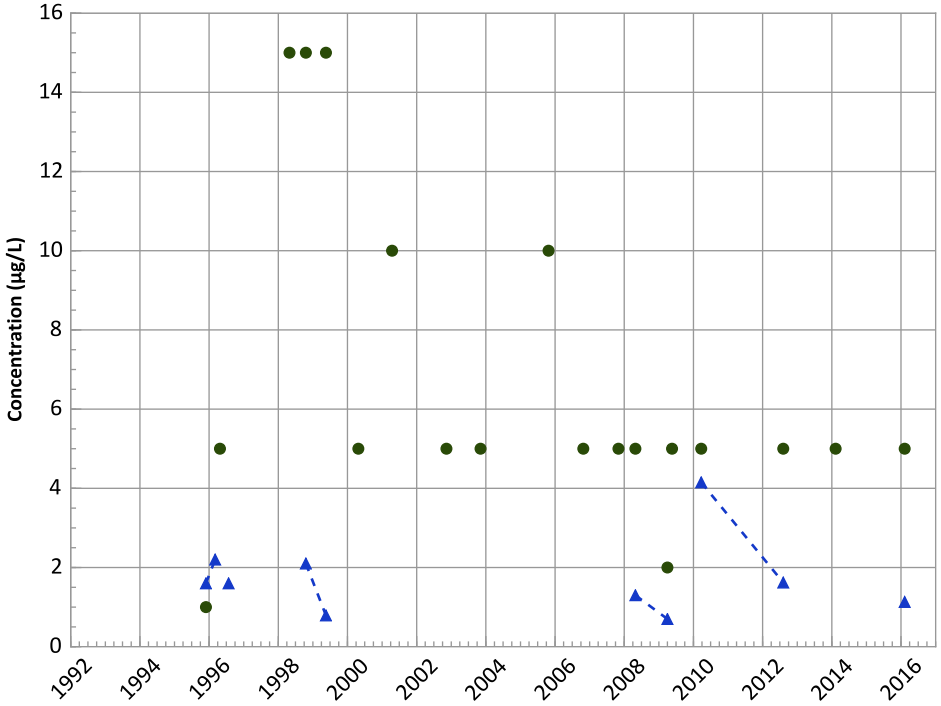


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

Manganese Trend



Concentration Trend

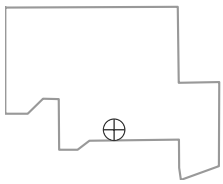
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 08/15/2016
Analysis Date: 03/07/2017

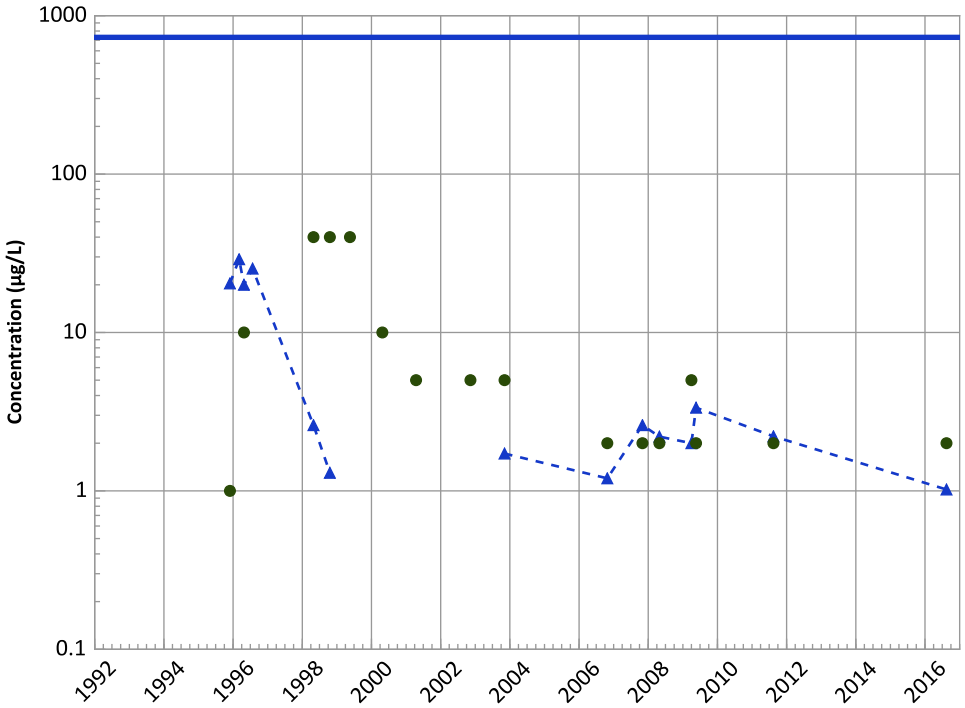
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

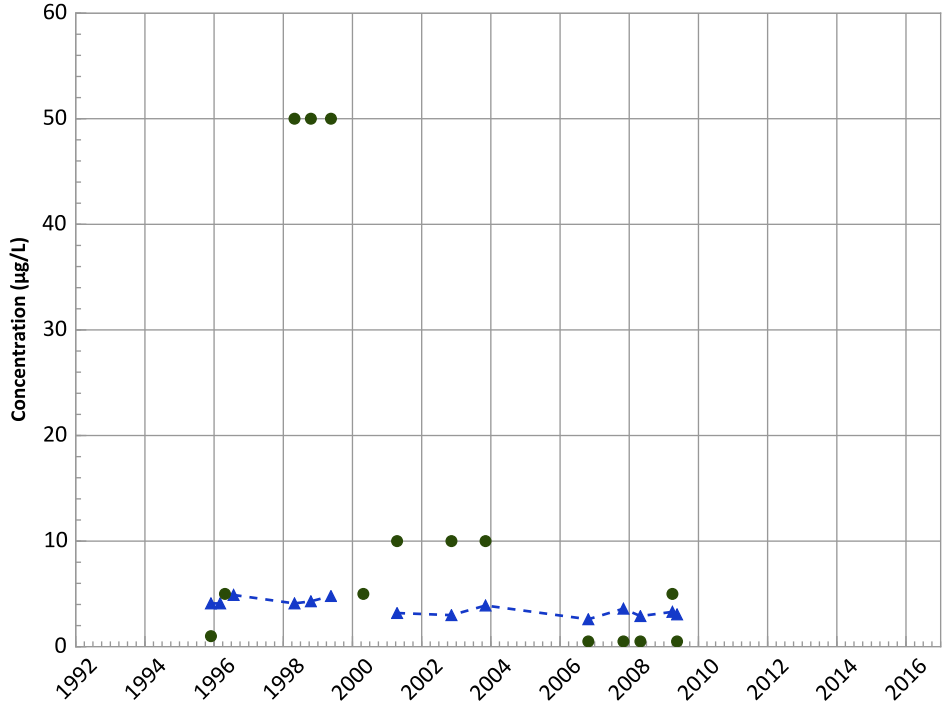


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Molybdenum Trend



Concentration Trend

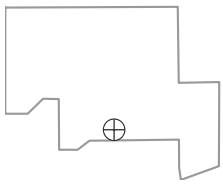
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 08/15/2016
Analysis Date: 03/07/2017

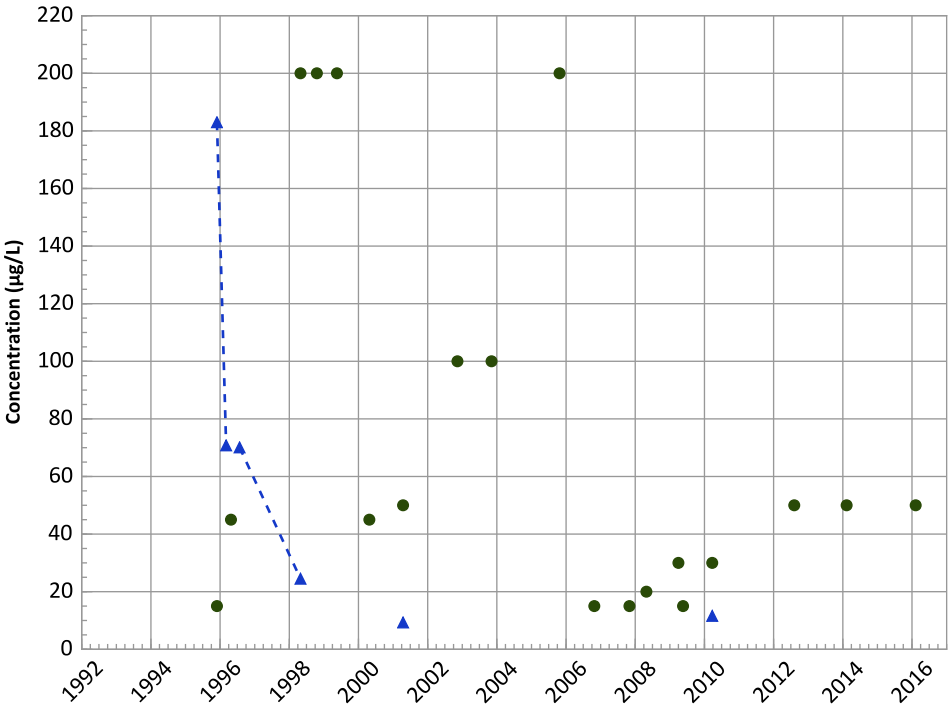
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

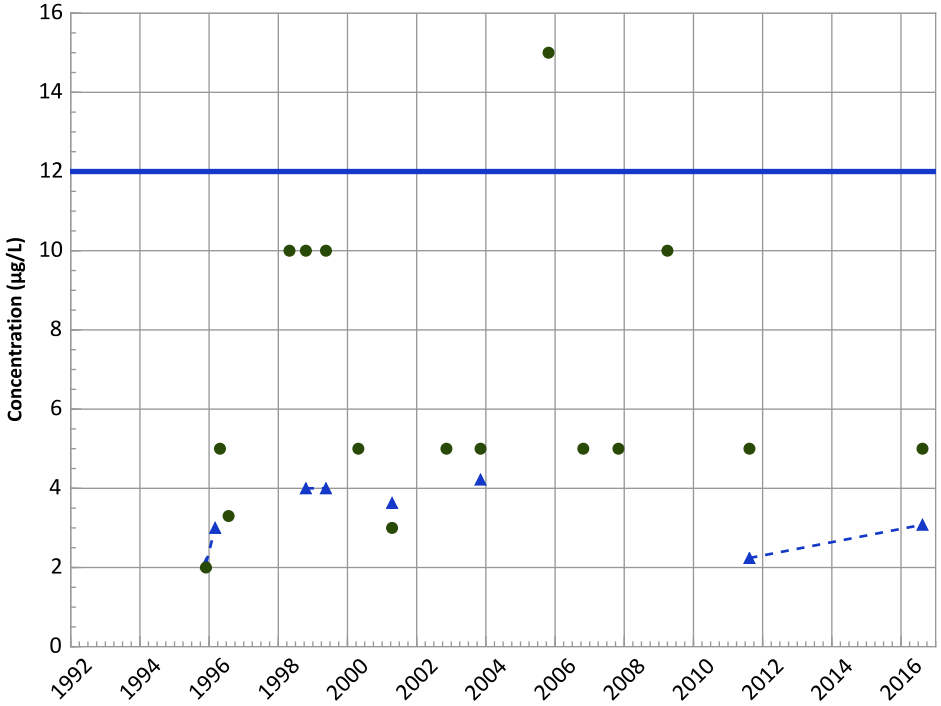


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Arsenic Trend



Concentration Trend

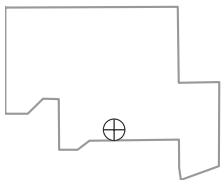
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 08/15/2016
Analysis Date: 03/07/2017

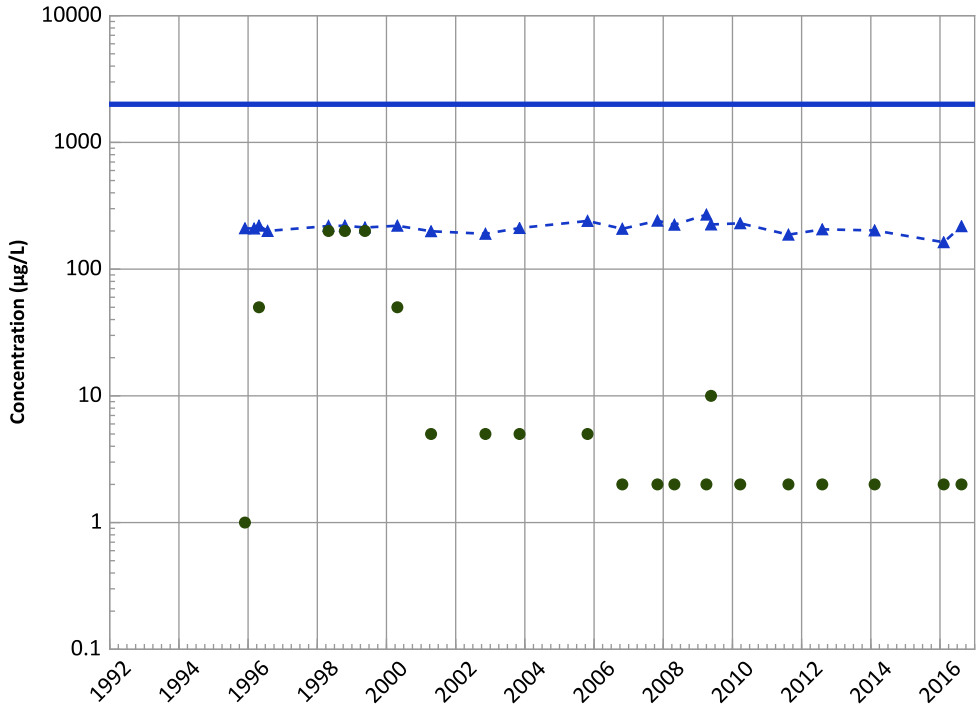
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

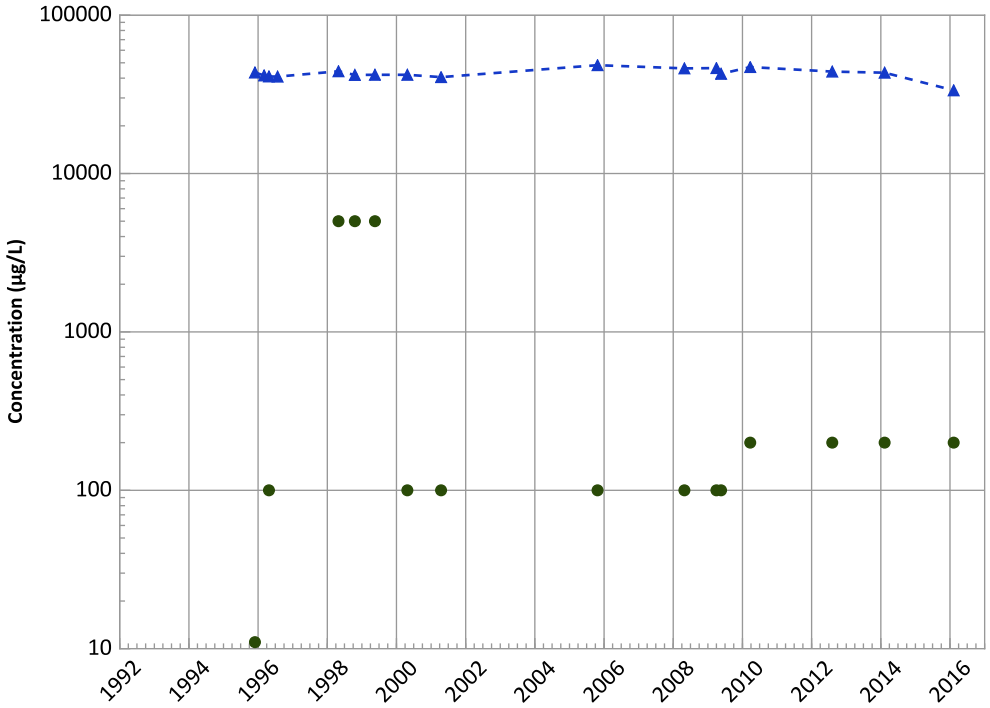


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Calcium Trend



Concentration Trend

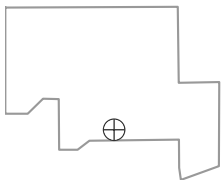
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 08/15/2016
Analysis Date: 03/07/2017

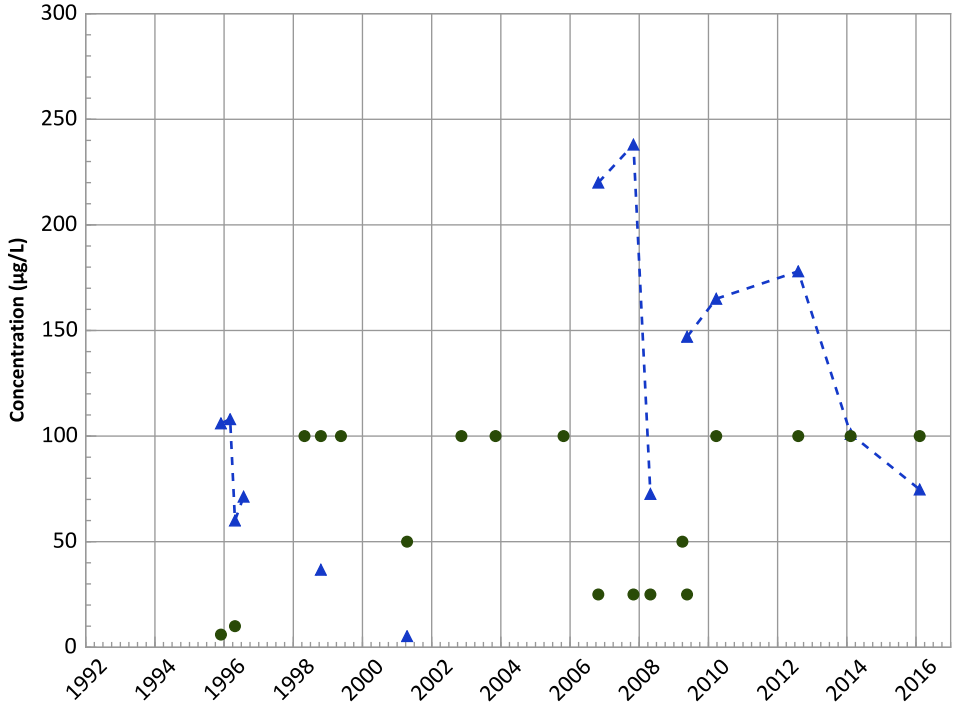
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

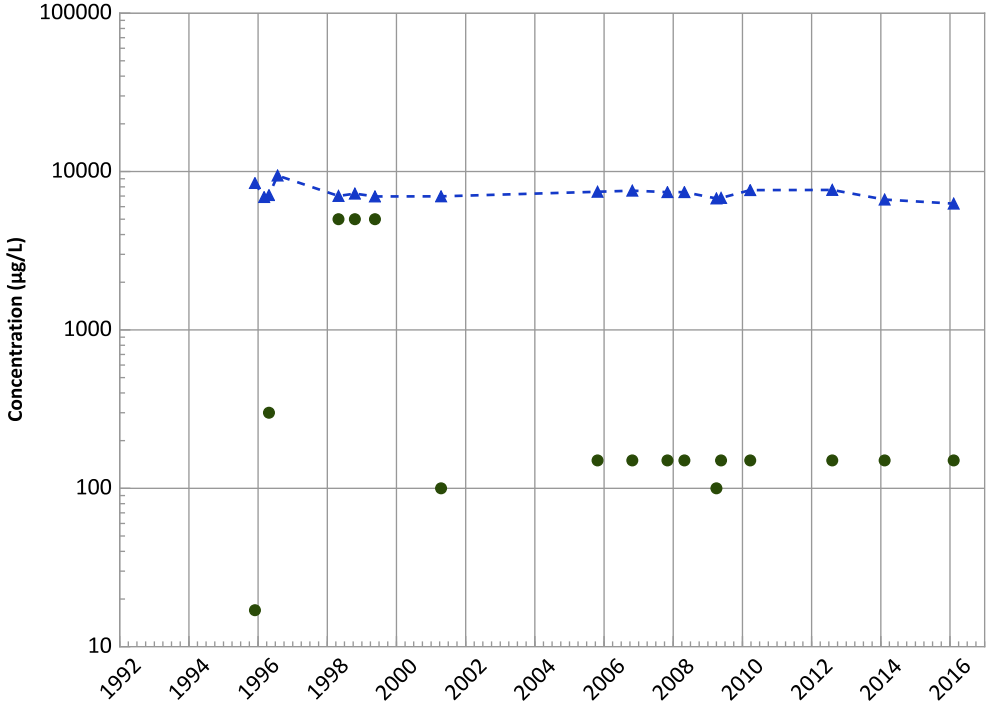


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
No Trend

Potassium Trend



Concentration Trend

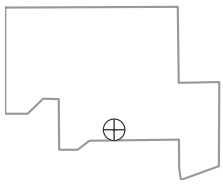
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 08/15/2016
Analysis Date: 03/07/2017

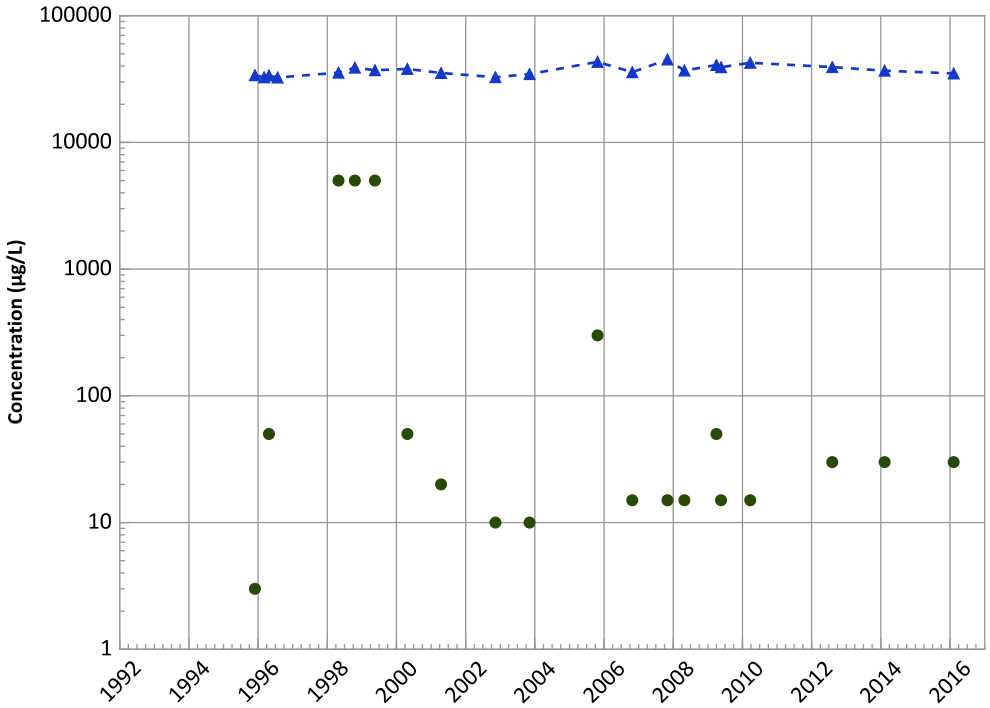
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

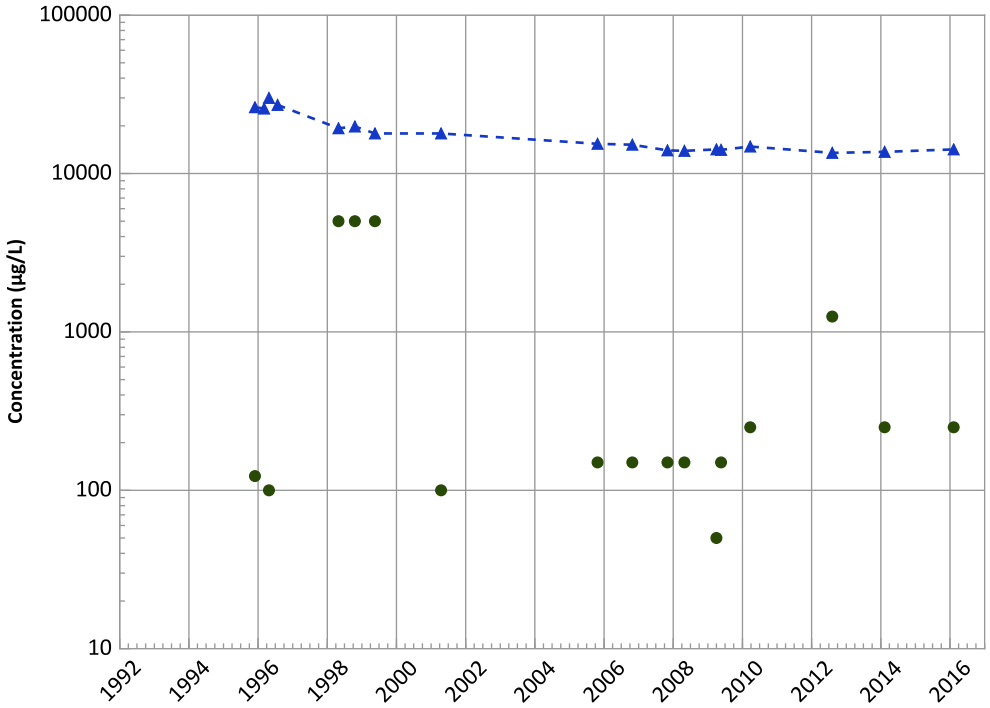


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Sodium Trend



Concentration Trend

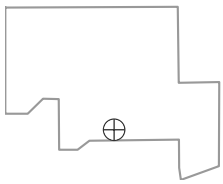
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

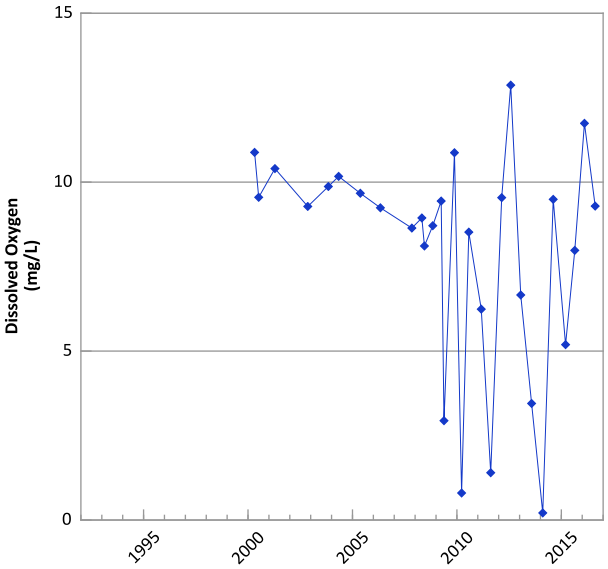
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/29/1995 to 08/15/2016
Analysis Date: 03/07/2017

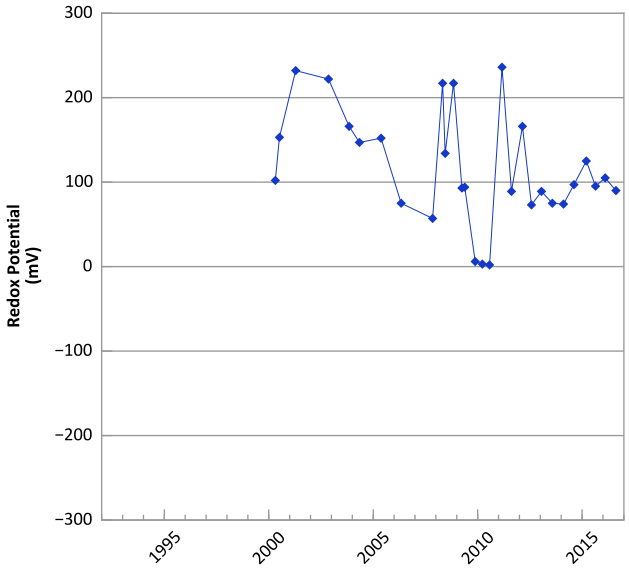
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
━ Groundwater Protection Standard

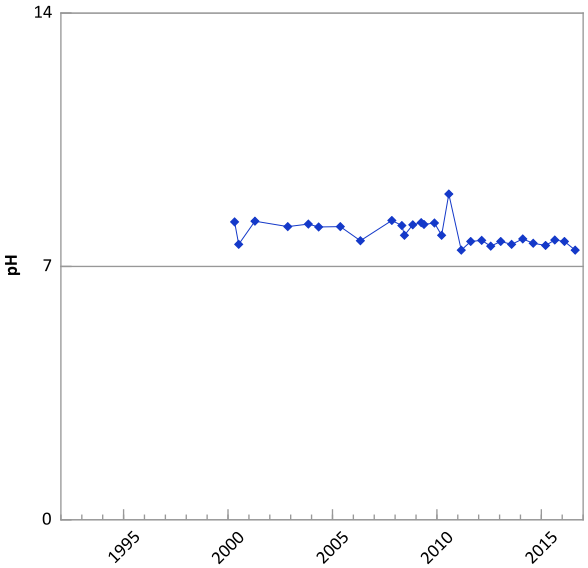
Well Location

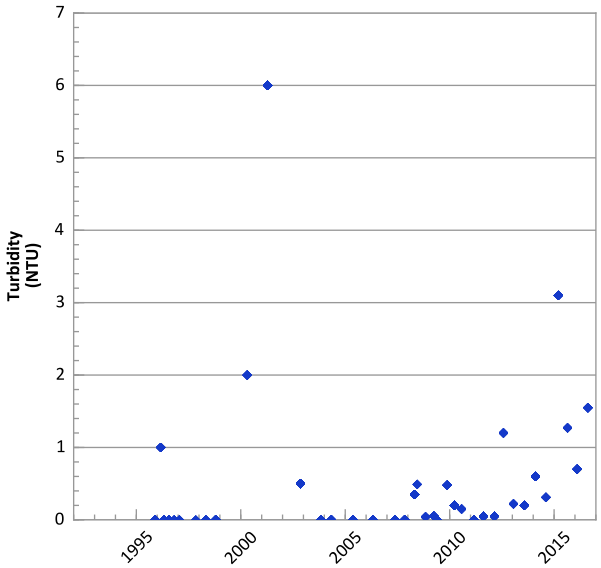


PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



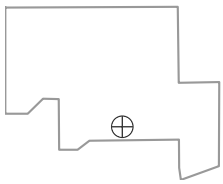






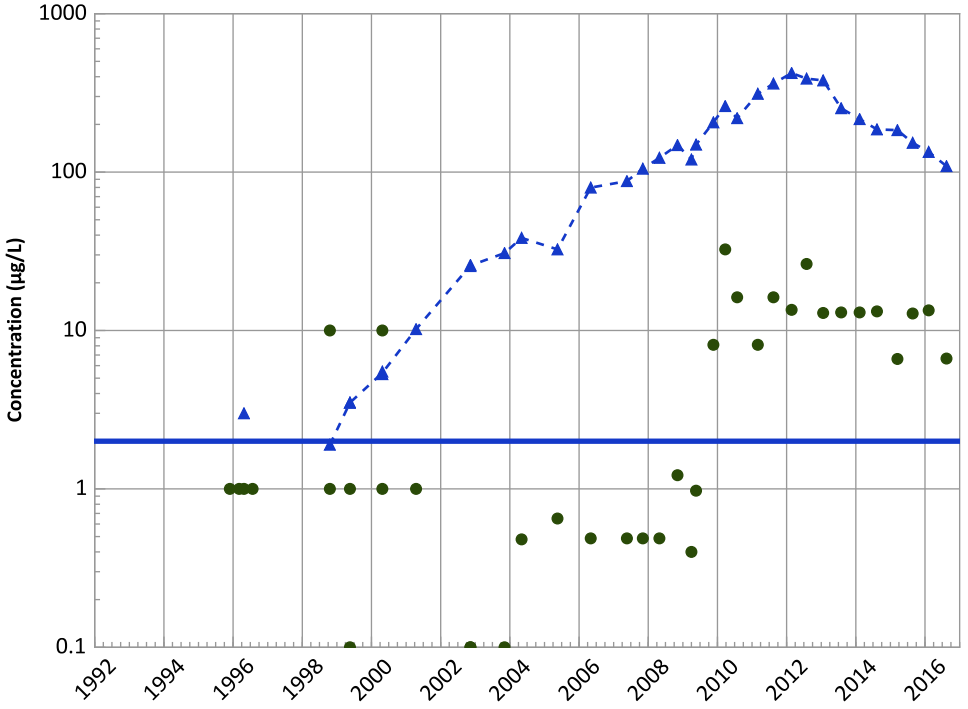
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/28/1995 to 08/15/2016
Analysis Date: 03/07/2017

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

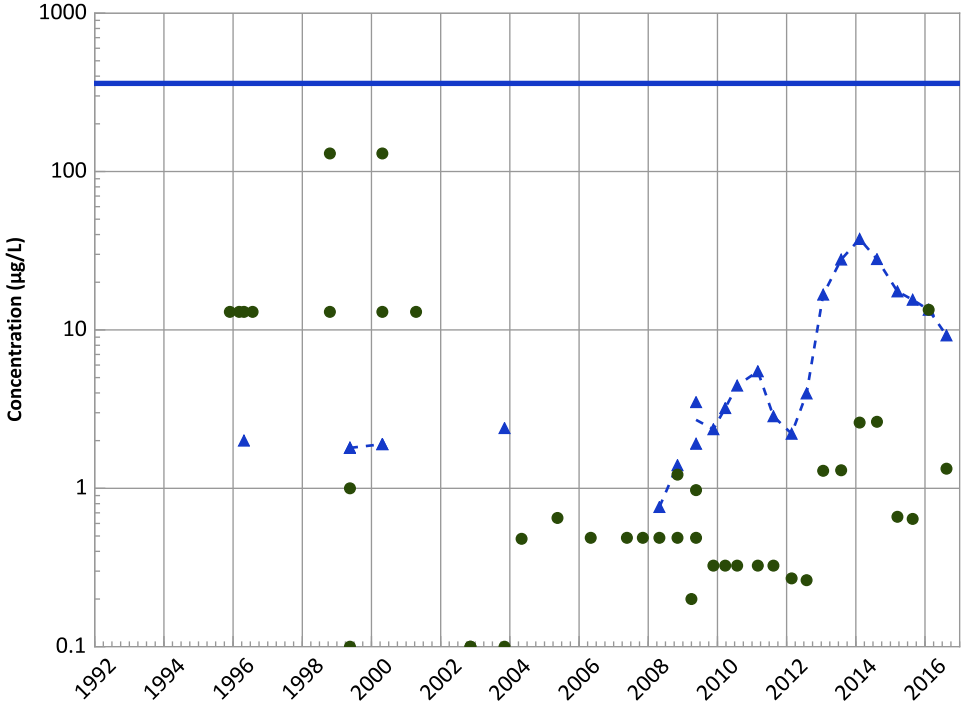


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

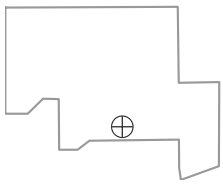
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/28/1995 to 08/15/2016
Analysis Date: 03/07/2017

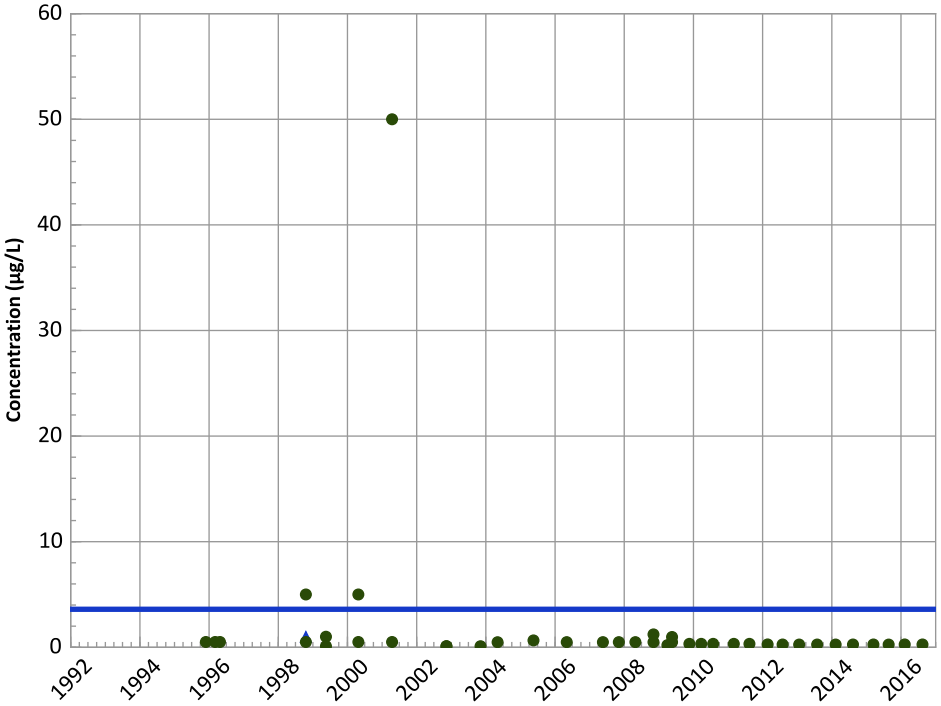
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

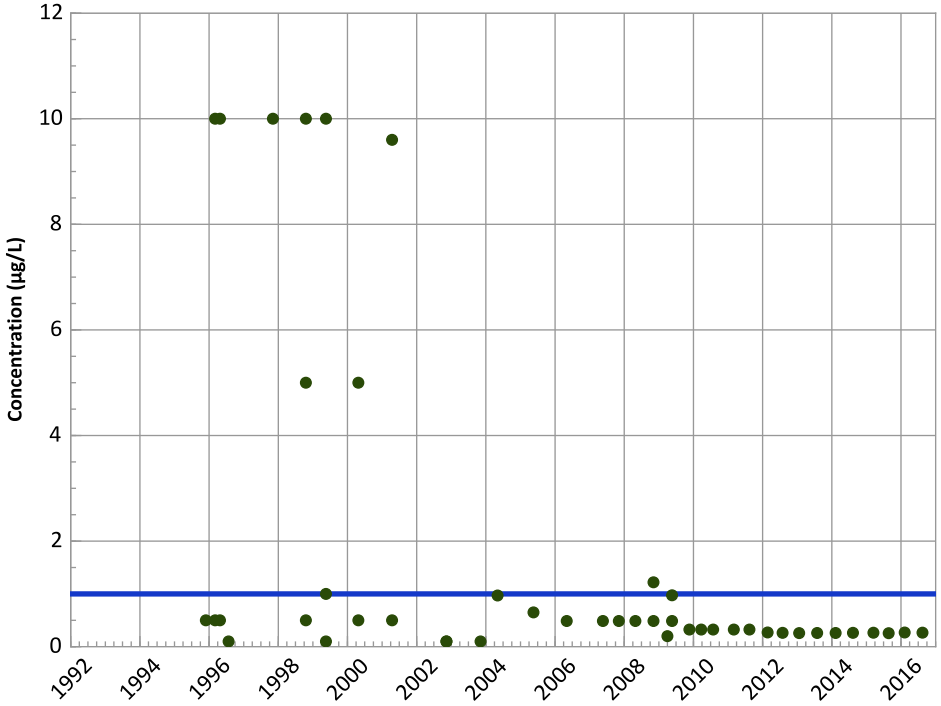


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

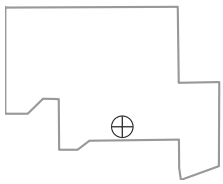
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/28/1995 to 08/15/2016
Analysis Date: 03/07/2017

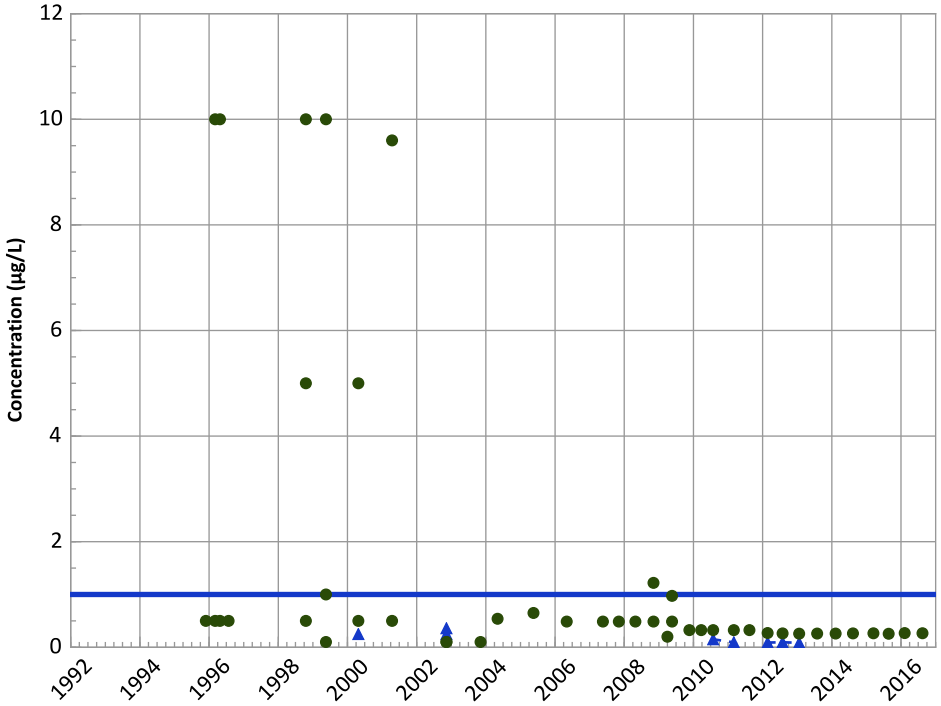
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

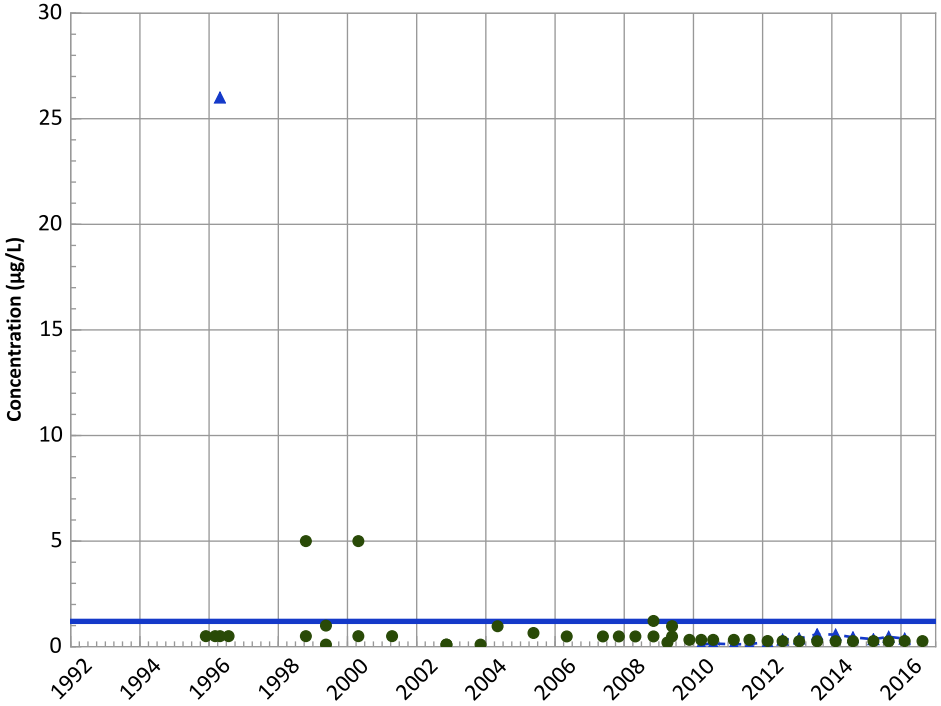


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

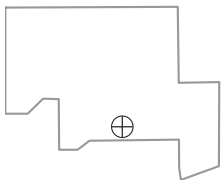
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/28/1995 to 08/15/2016
Analysis Date: 03/07/2017

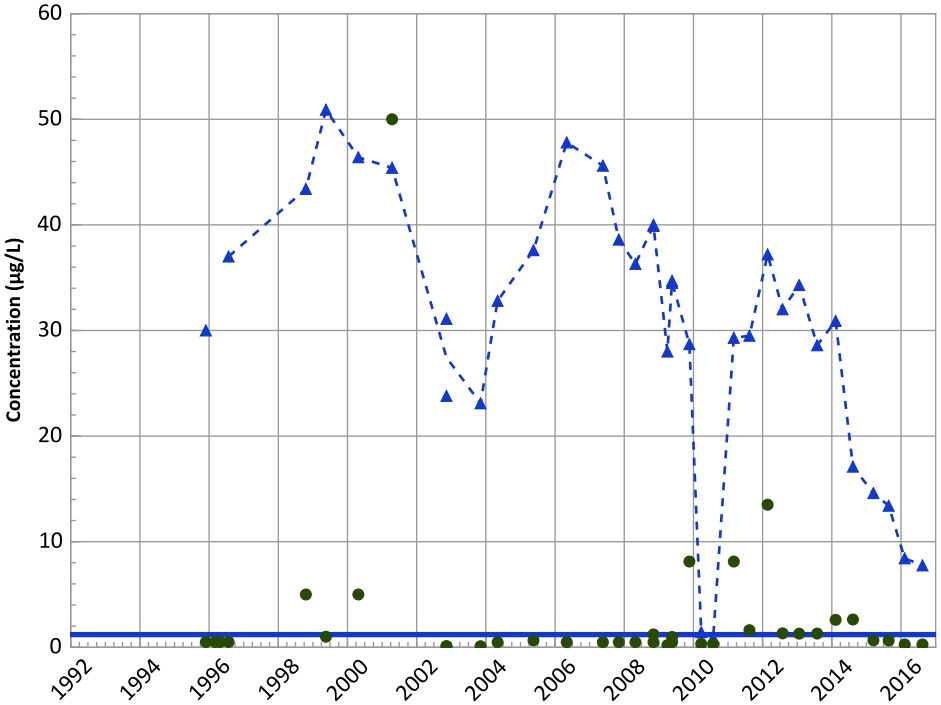
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

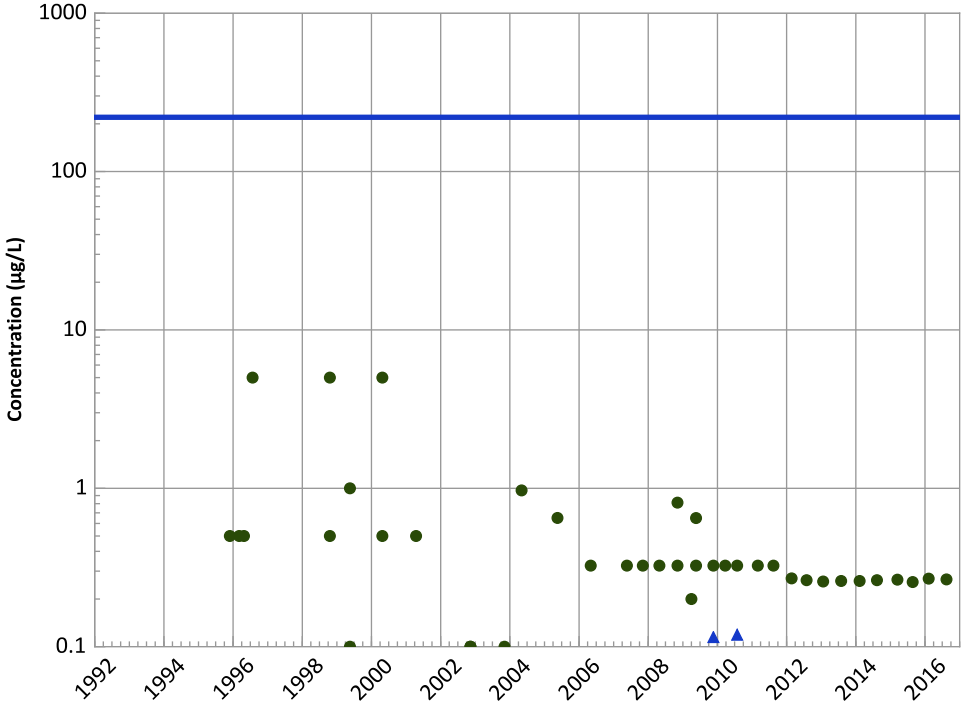


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

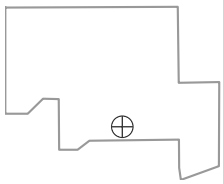
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/28/1995 to 08/15/2016
Analysis Date: 03/07/2017

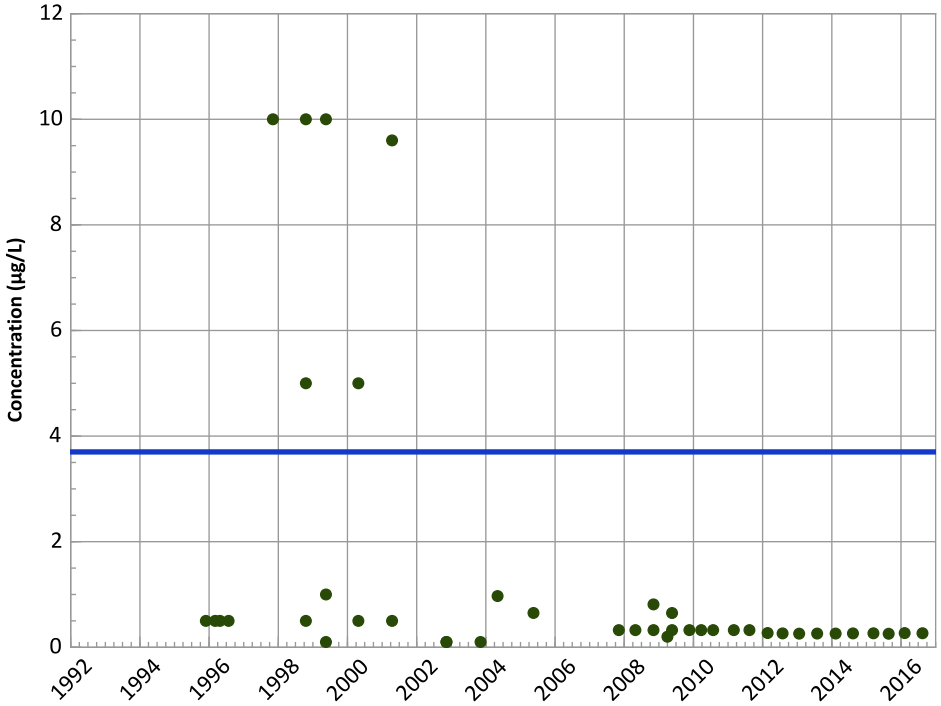
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

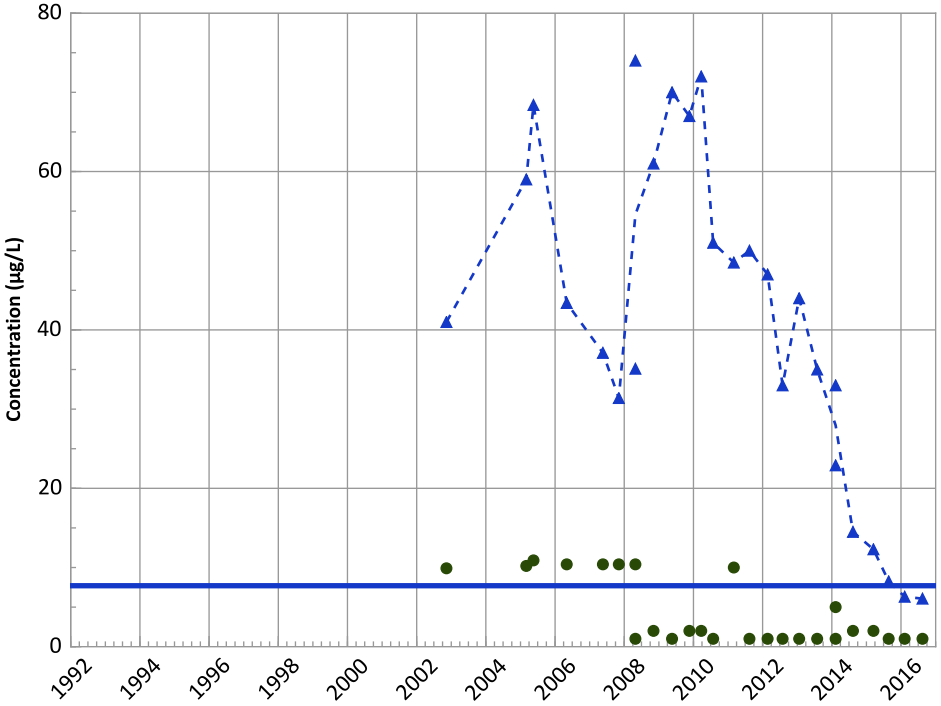


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

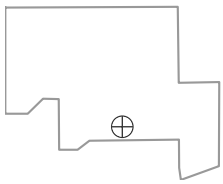
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/28/1995 to 08/15/2016
Analysis Date: 03/07/2017

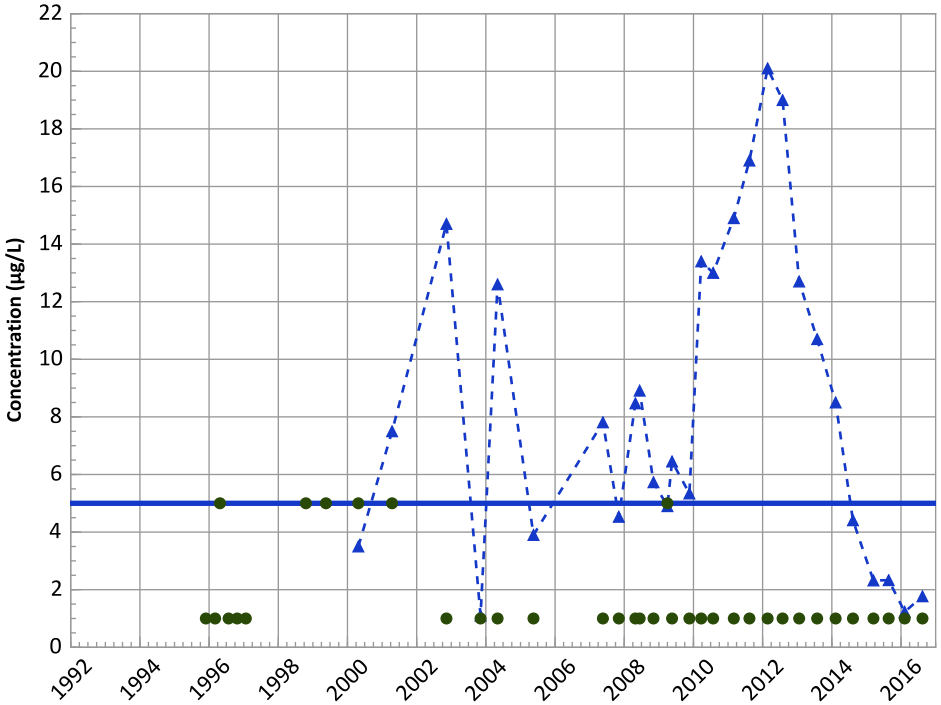
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

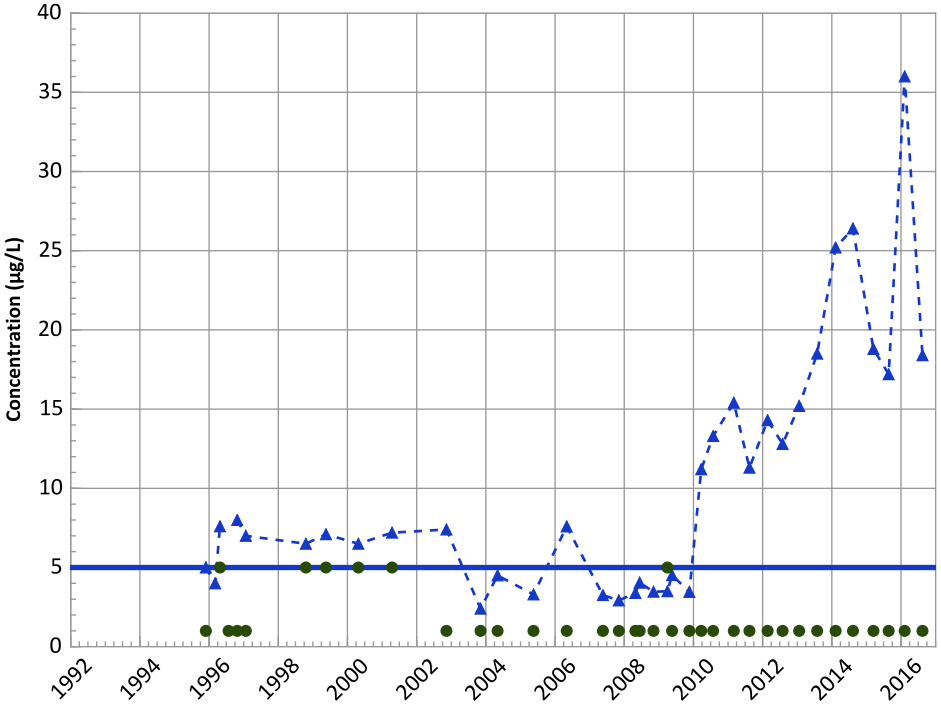


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Stable

Trichloroethene Trend



Concentration Trend

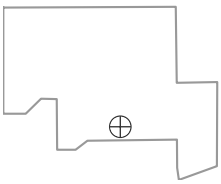
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/28/1995 to 08/15/2016
Analysis Date: 03/07/2017

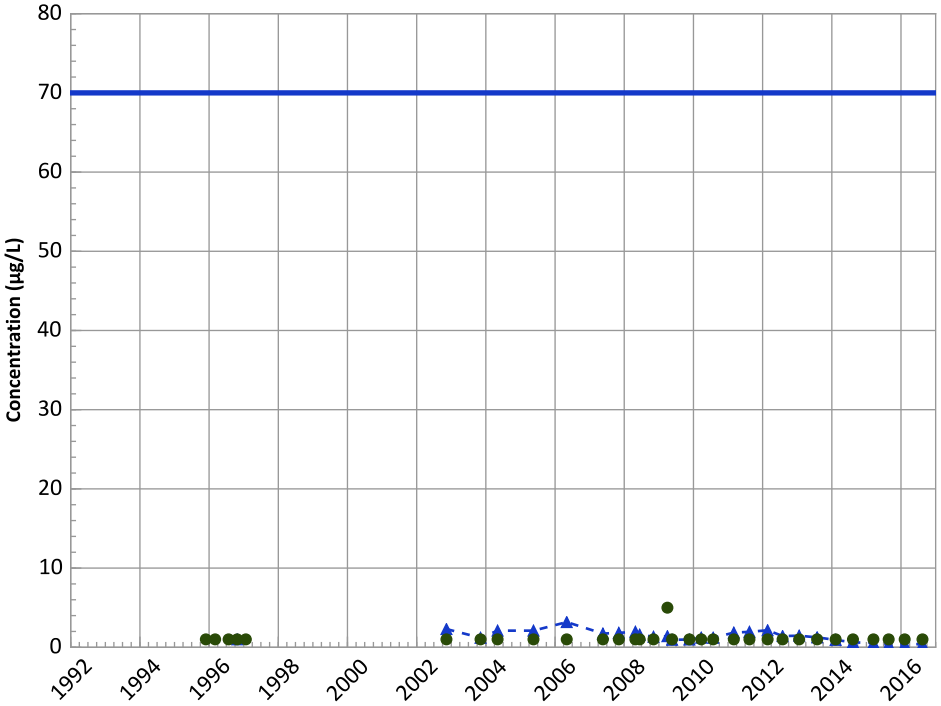
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

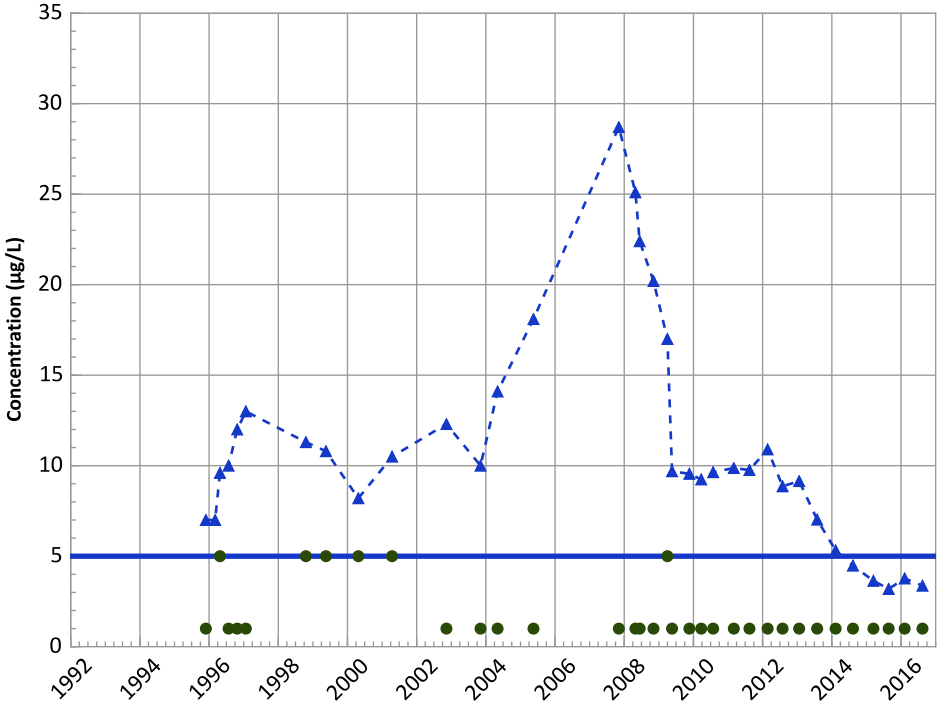


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

1,2-Dichloroethane Trend



Concentration Trend

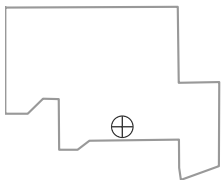
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/28/1995 to 08/15/2016
Analysis Date: 03/07/2017

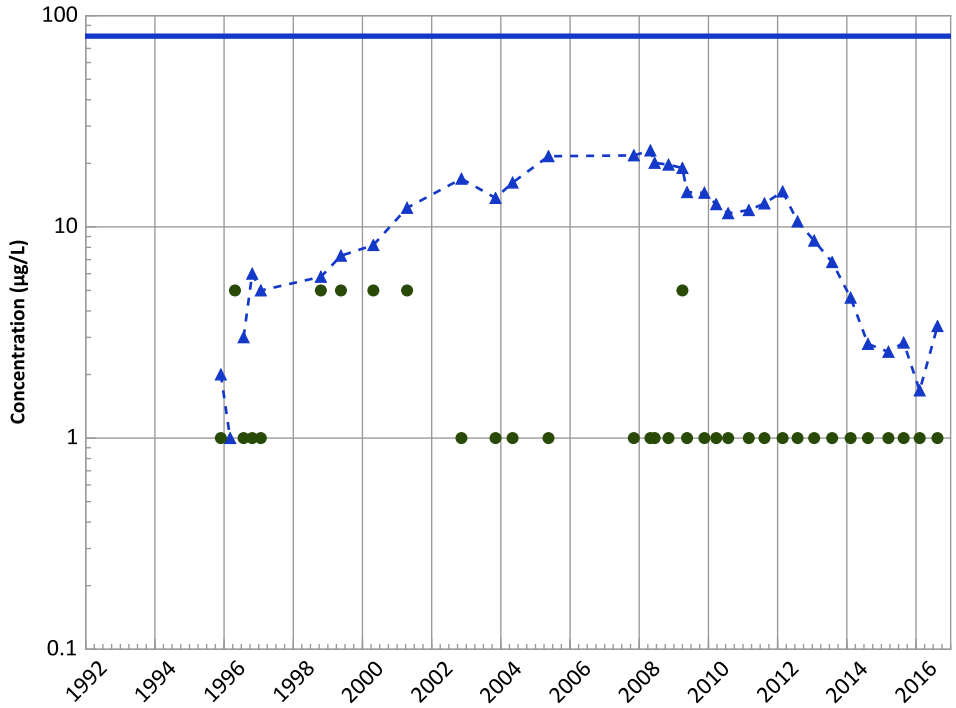
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

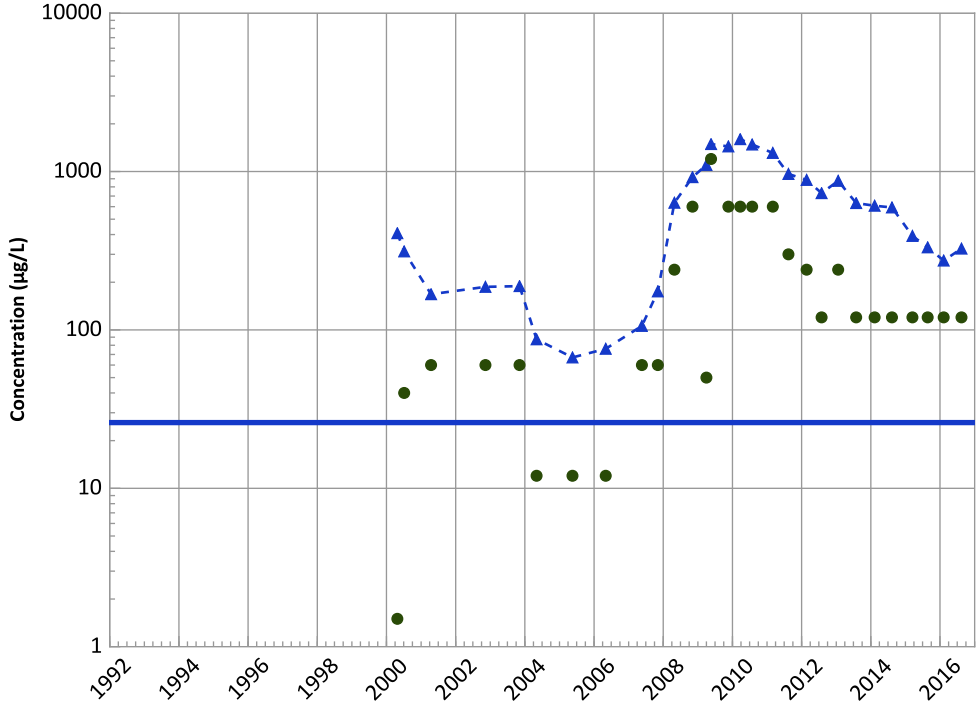


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

Perchlorate Trend



Concentration Trend

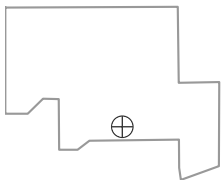
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/28/1995 to 08/15/2016
Analysis Date: 03/07/2017

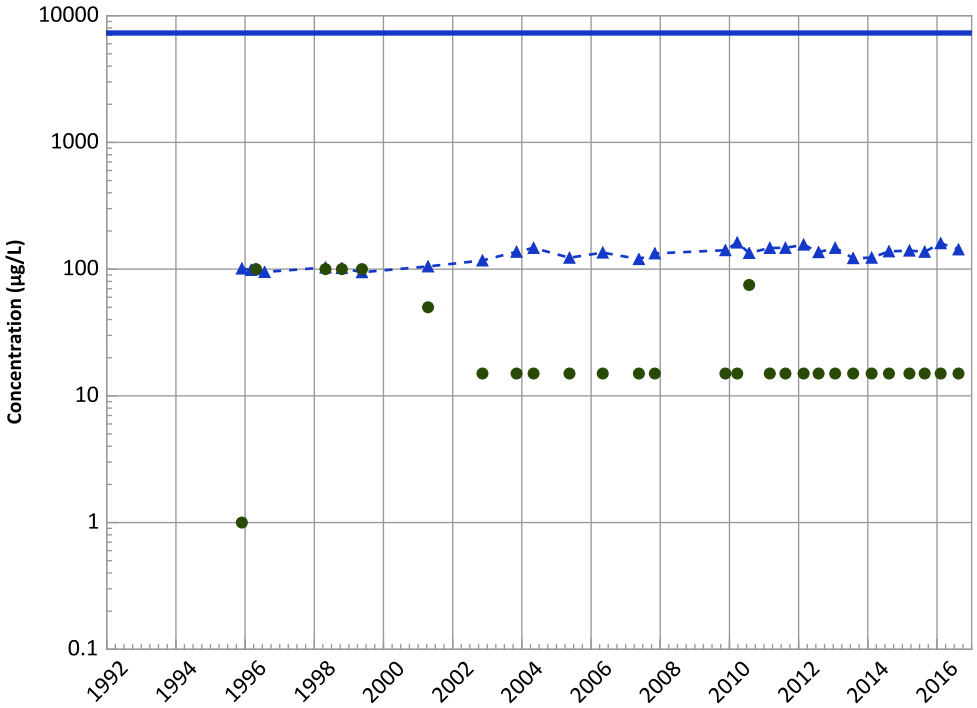
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

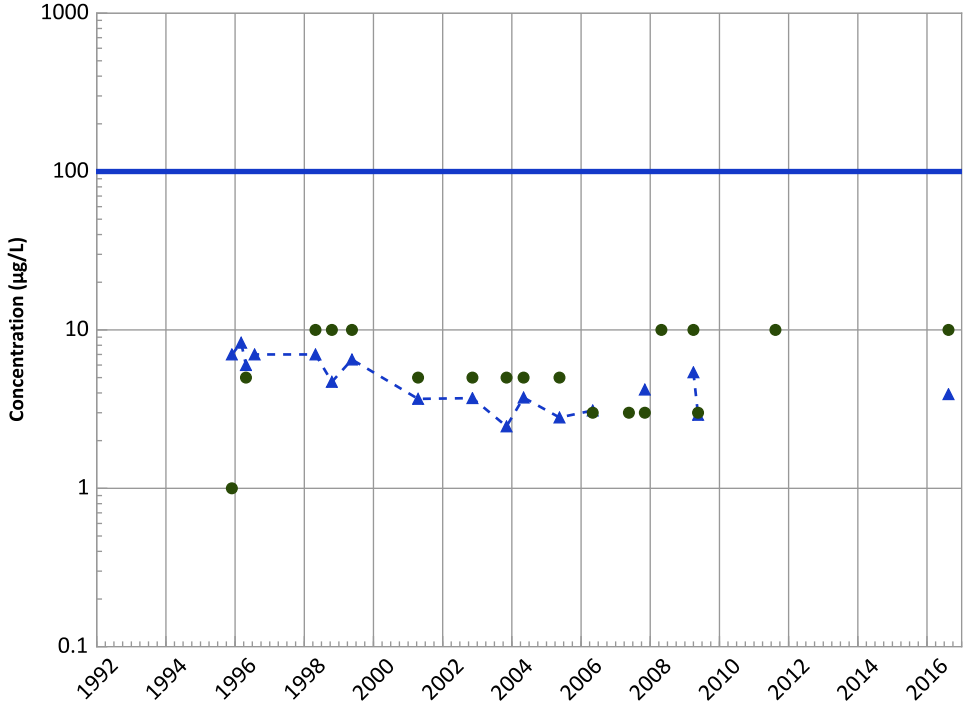


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Chromium, Total Trend



Concentration Trend

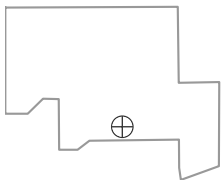
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/28/1995 to 08/15/2016
Analysis Date: 03/07/2017

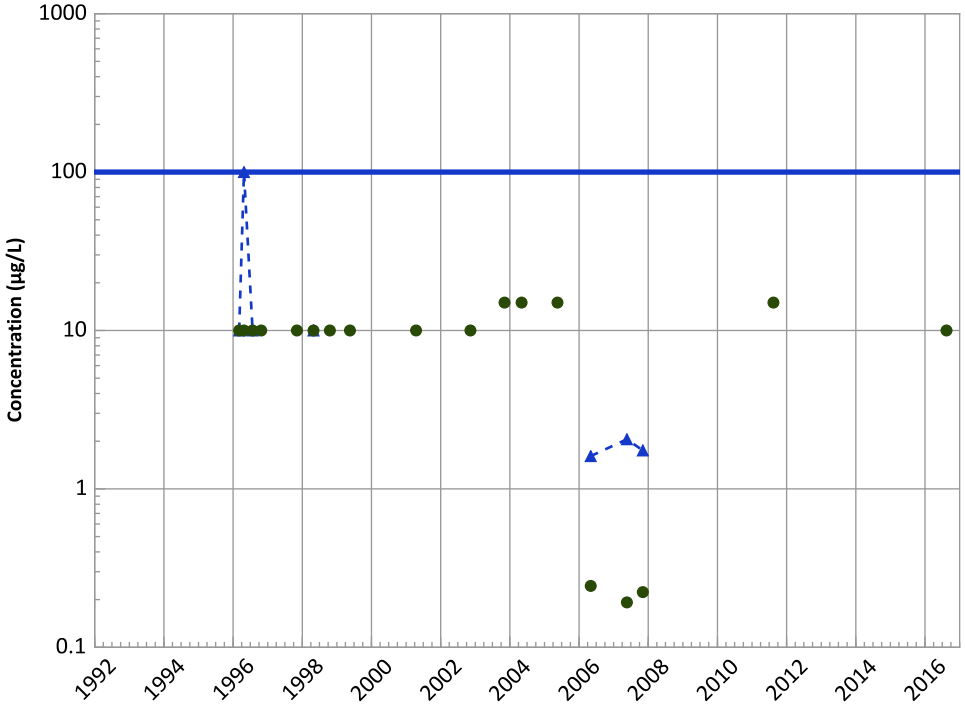
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

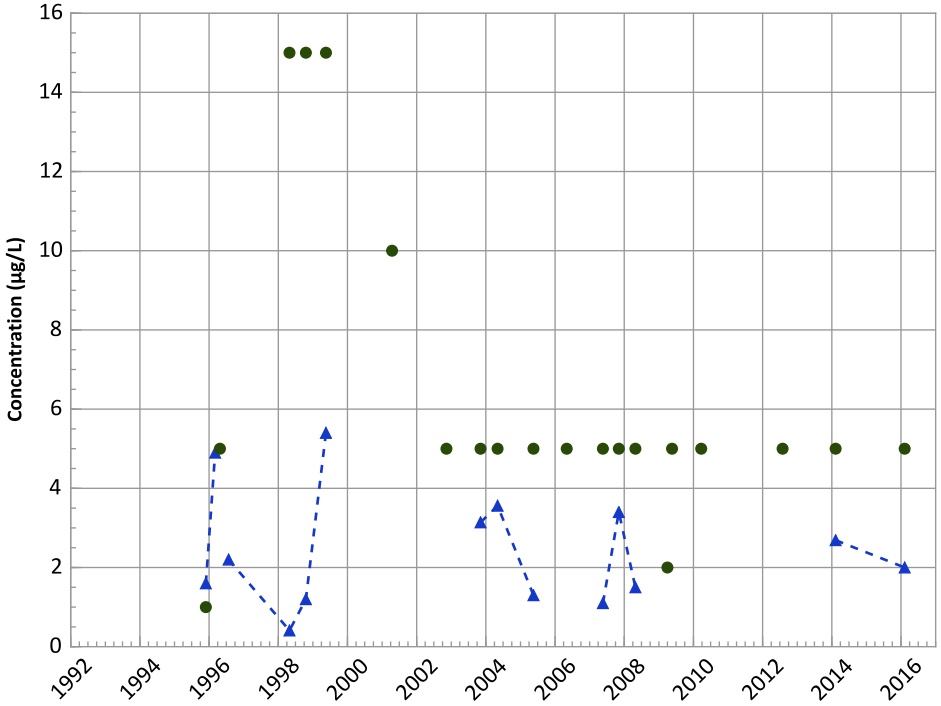


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Manganese Trend



Concentration Trend

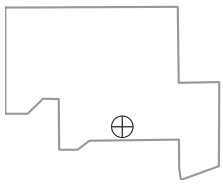
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/28/1995 to 08/15/2016
Analysis Date: 03/07/2017

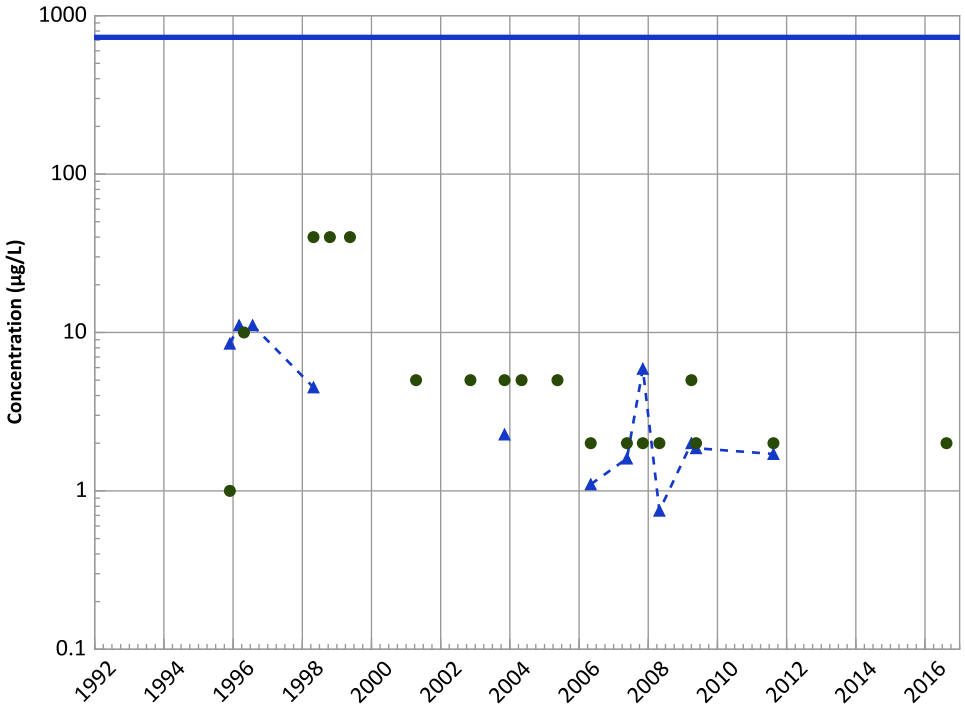
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

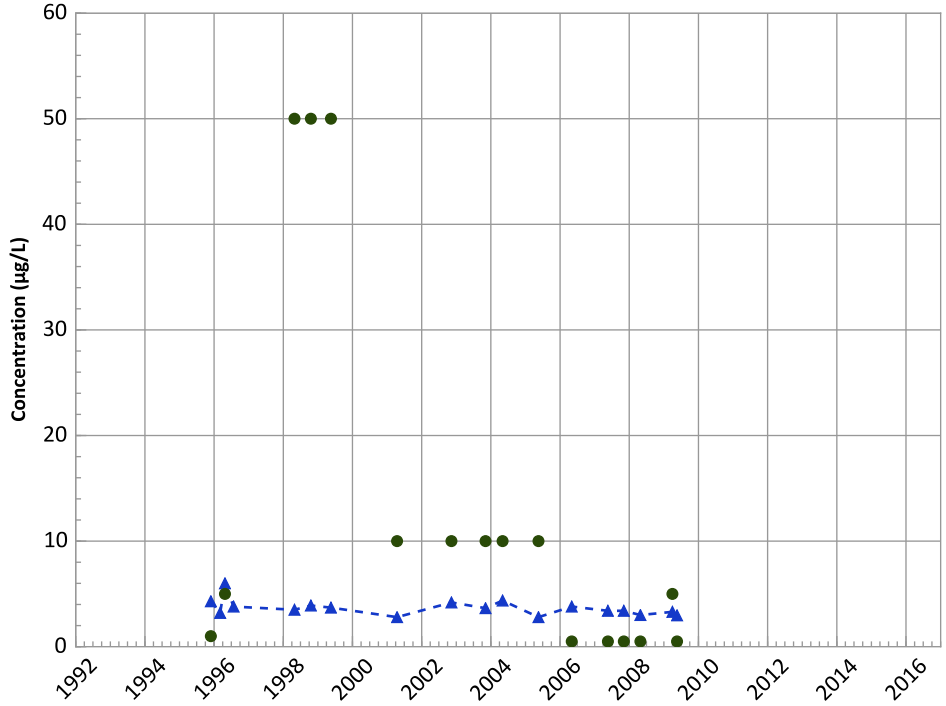


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Molybdenum Trend



Concentration Trend

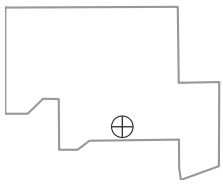
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/28/1995 to 08/15/2016
Analysis Date: 03/07/2017

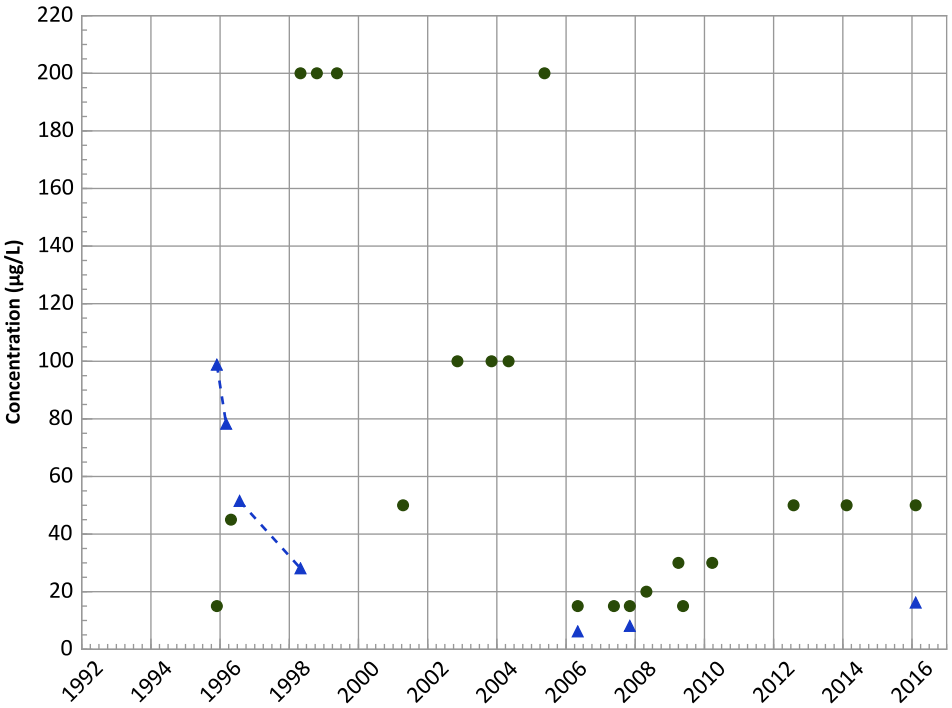
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

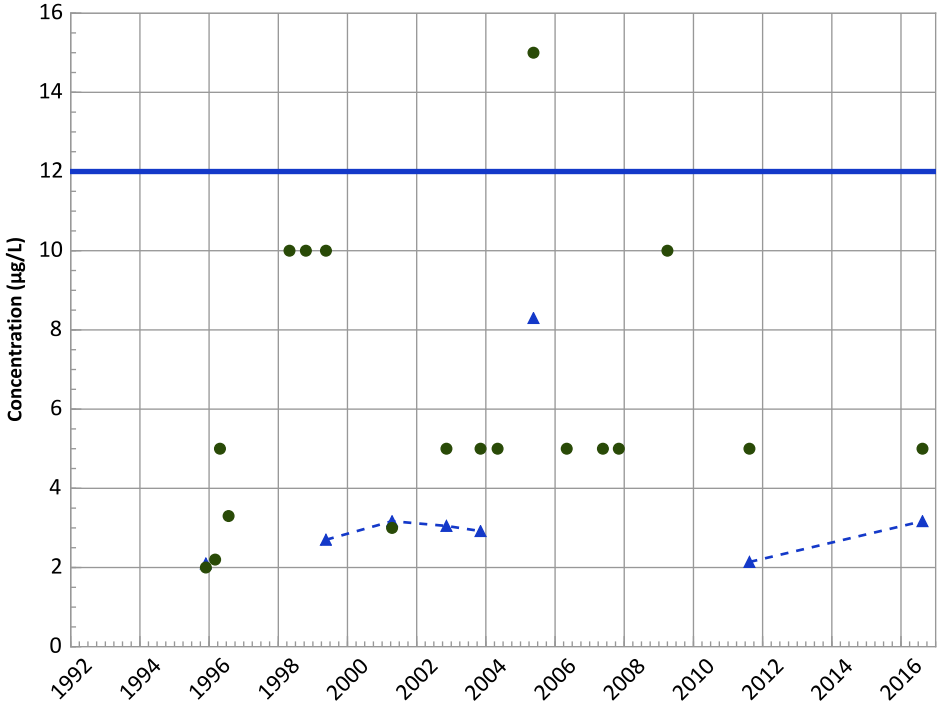


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Arsenic Trend



Concentration Trend

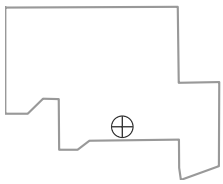
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/28/1995 to 08/15/2016
Analysis Date: 03/07/2017

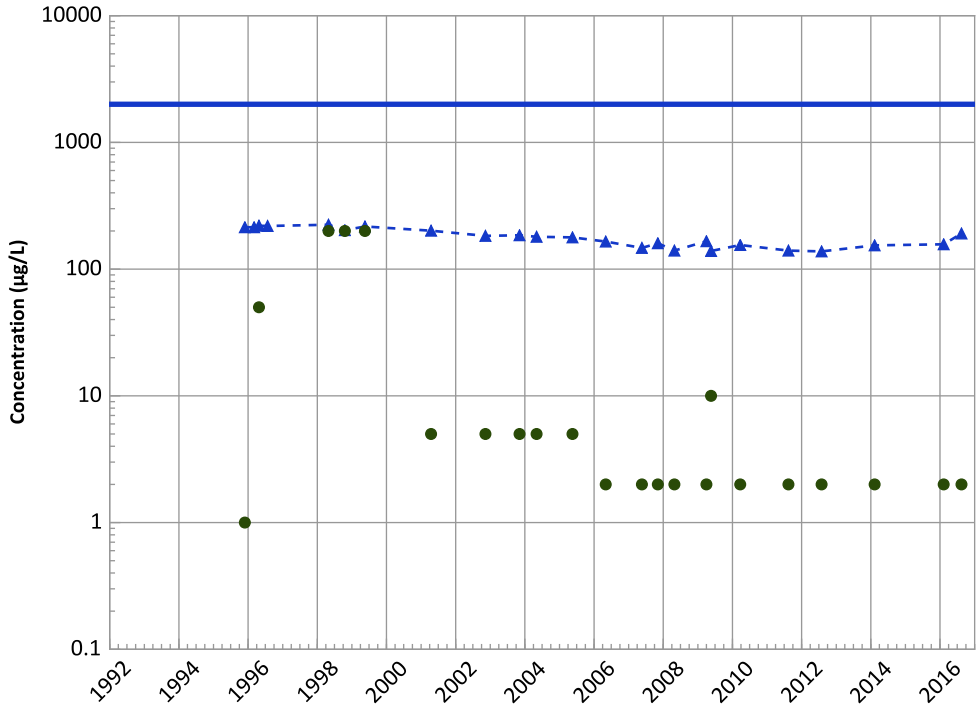
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

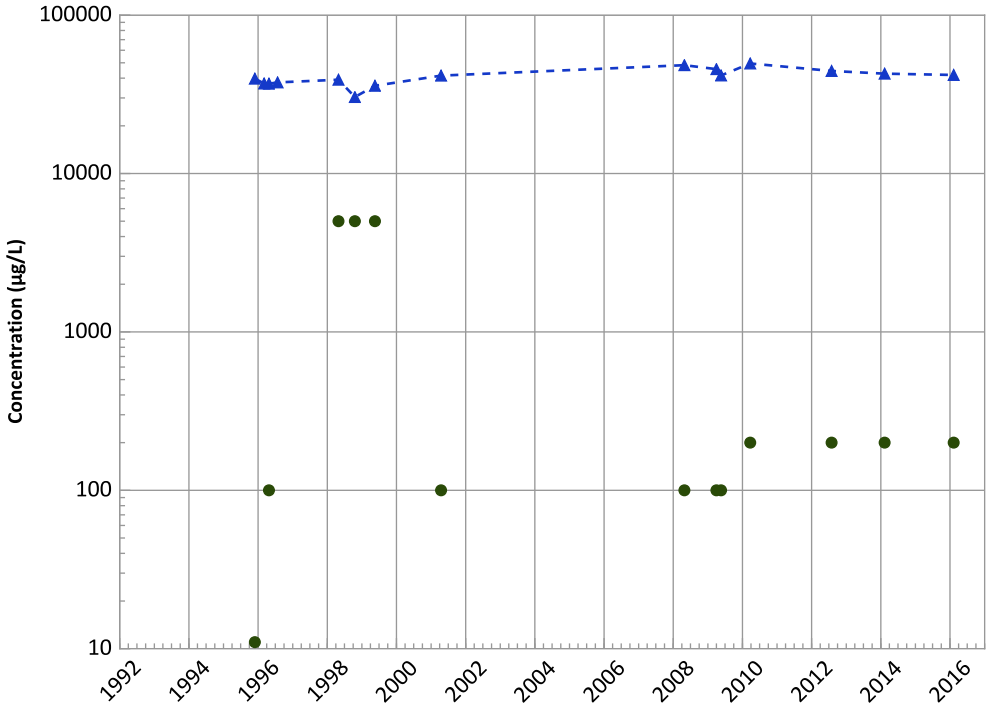


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Decreasing

Calcium Trend



Concentration Trend

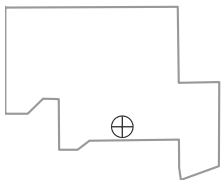
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/28/1995 to 08/15/2016
Analysis Date: 03/07/2017

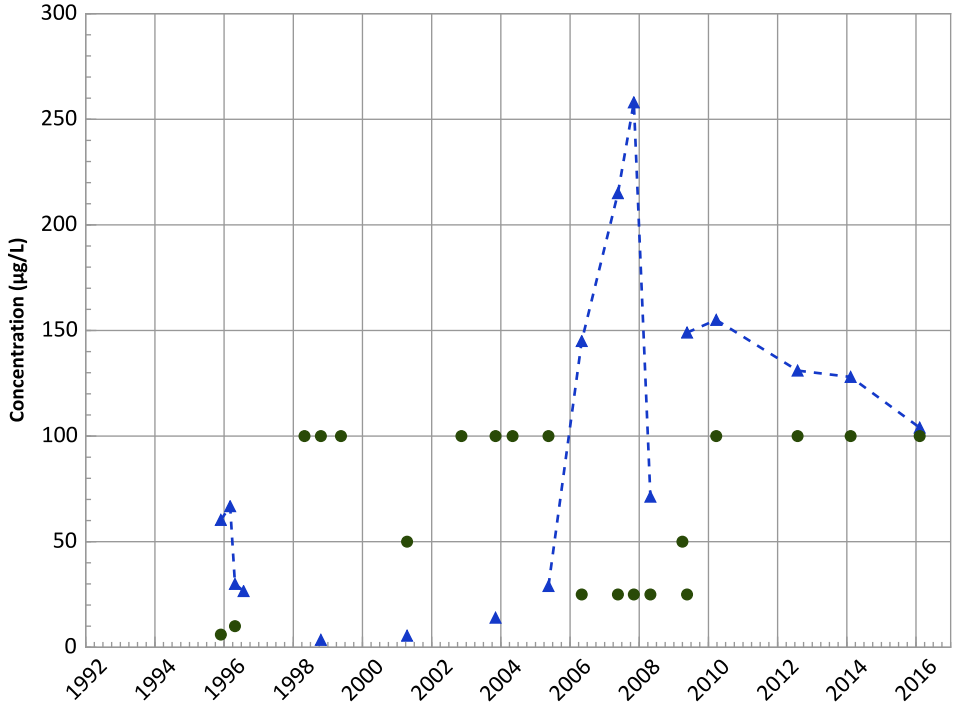
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

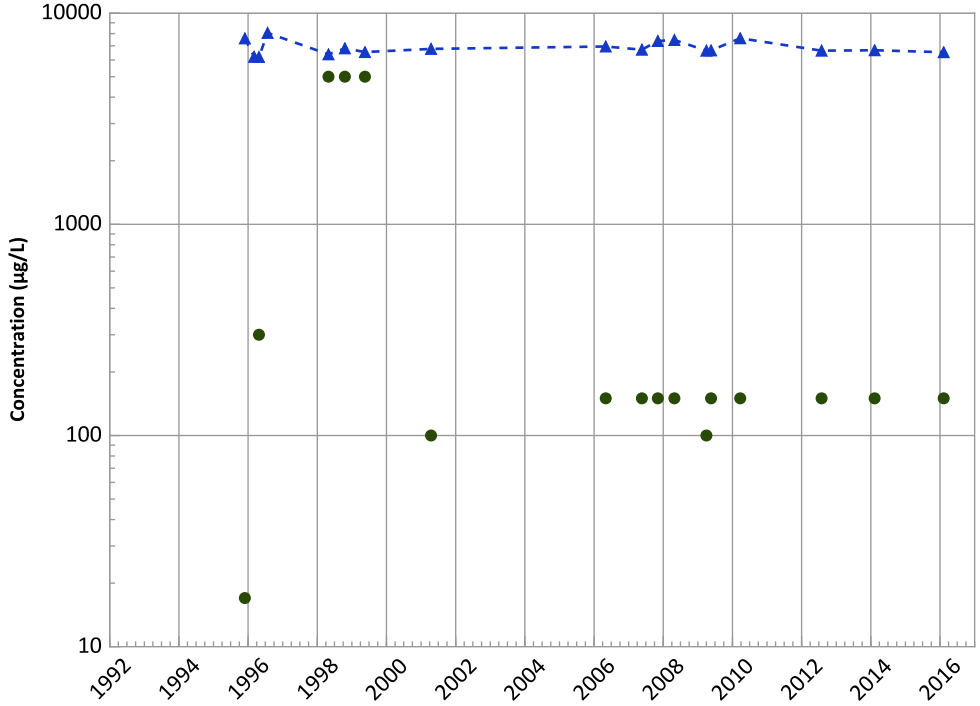


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Potassium Trend



Concentration Trend

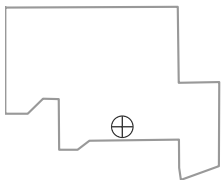
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/28/1995 to 08/15/2016
Analysis Date: 03/07/2017

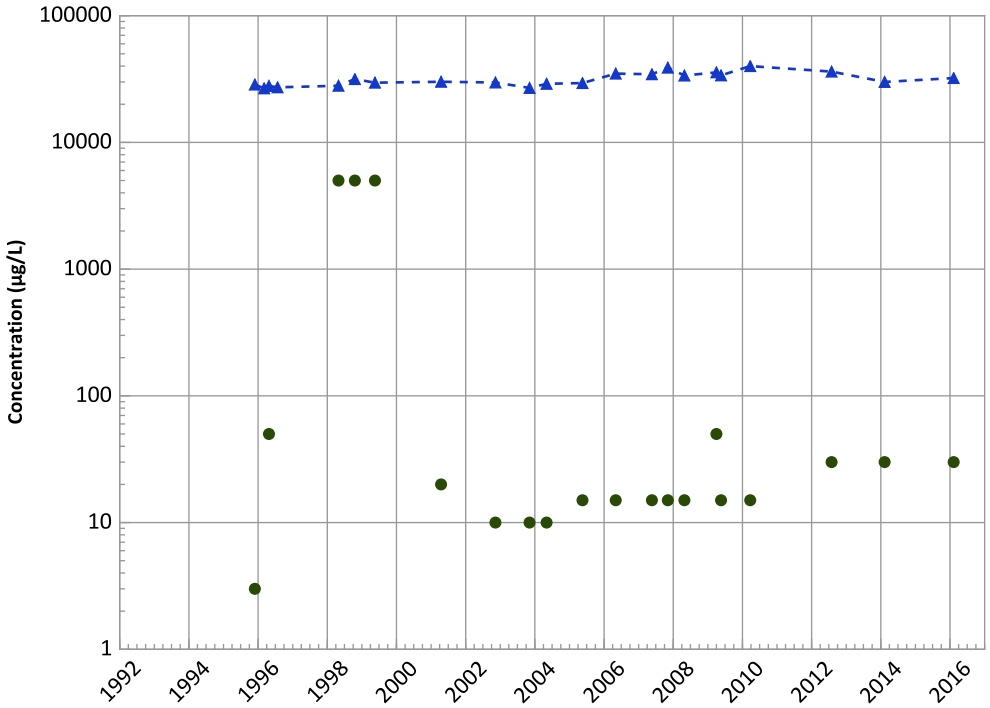
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

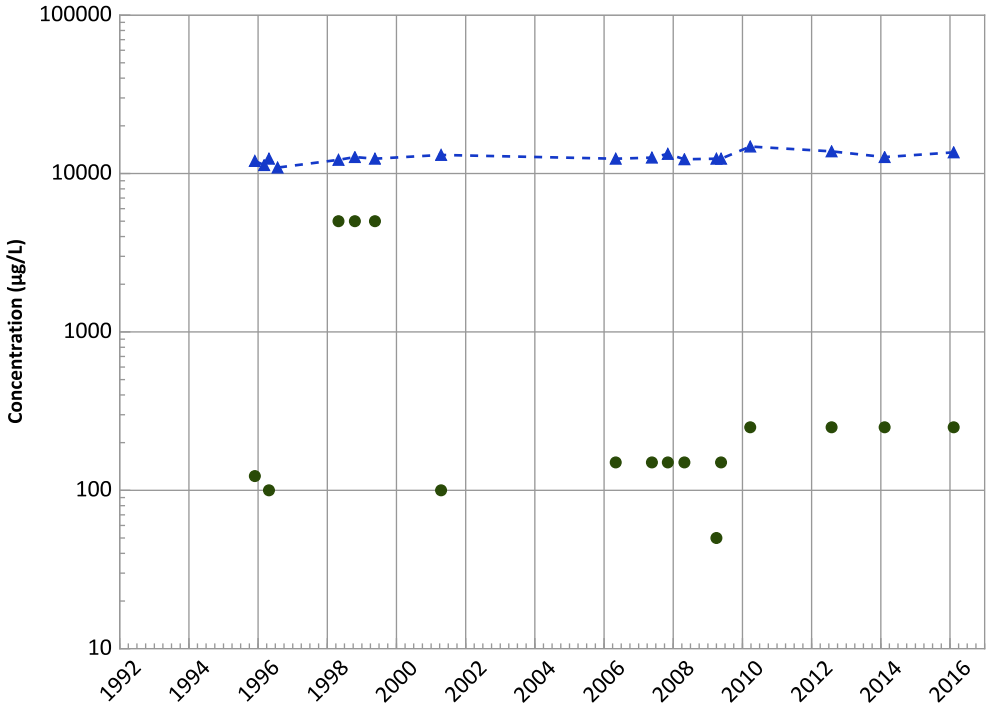


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Increasing

Sodium Trend



Concentration Trend

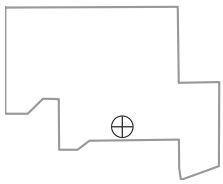
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

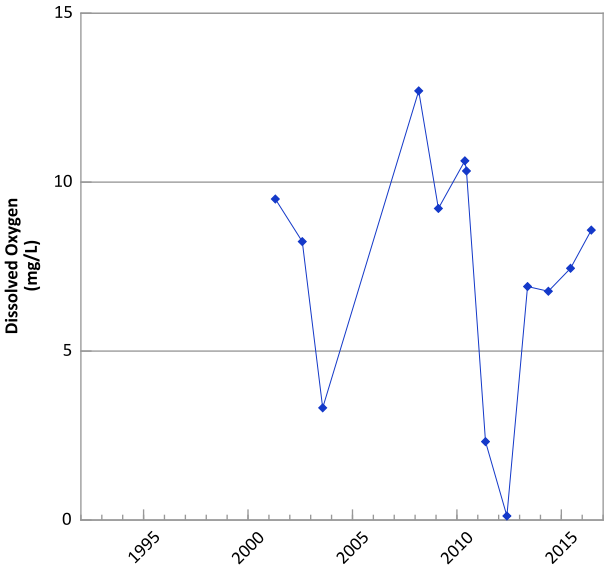
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/28/1995 to 08/15/2016
Analysis Date: 03/07/2017

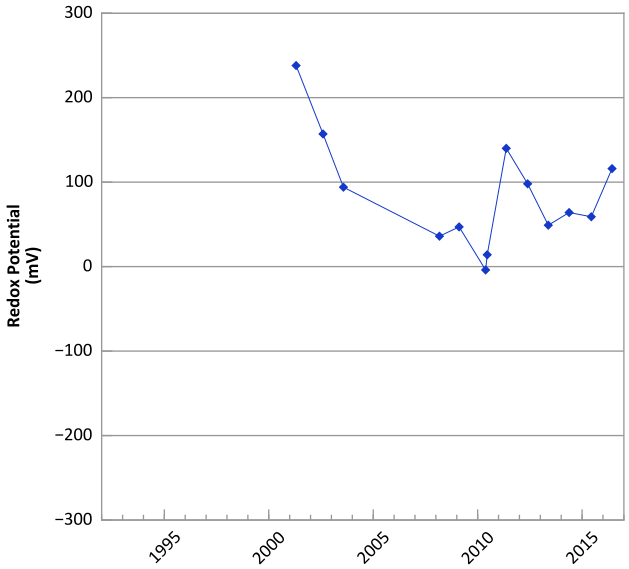
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

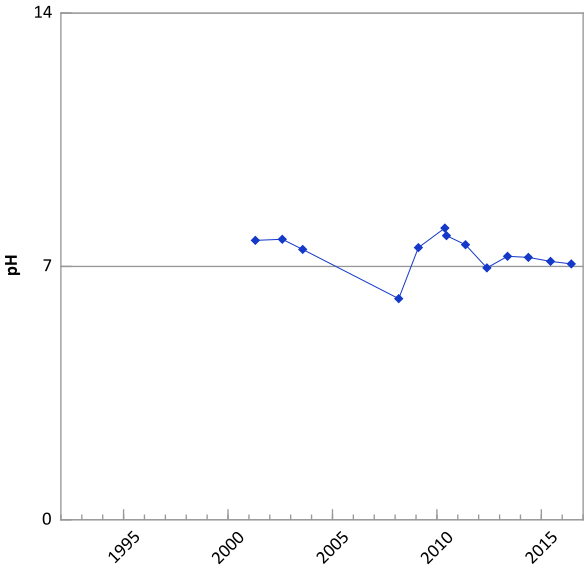
Well Location

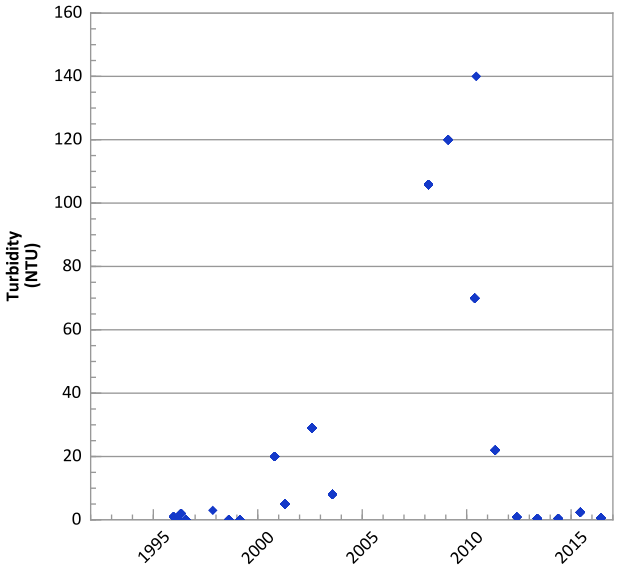


PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



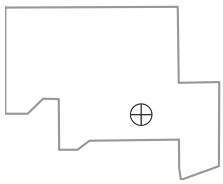






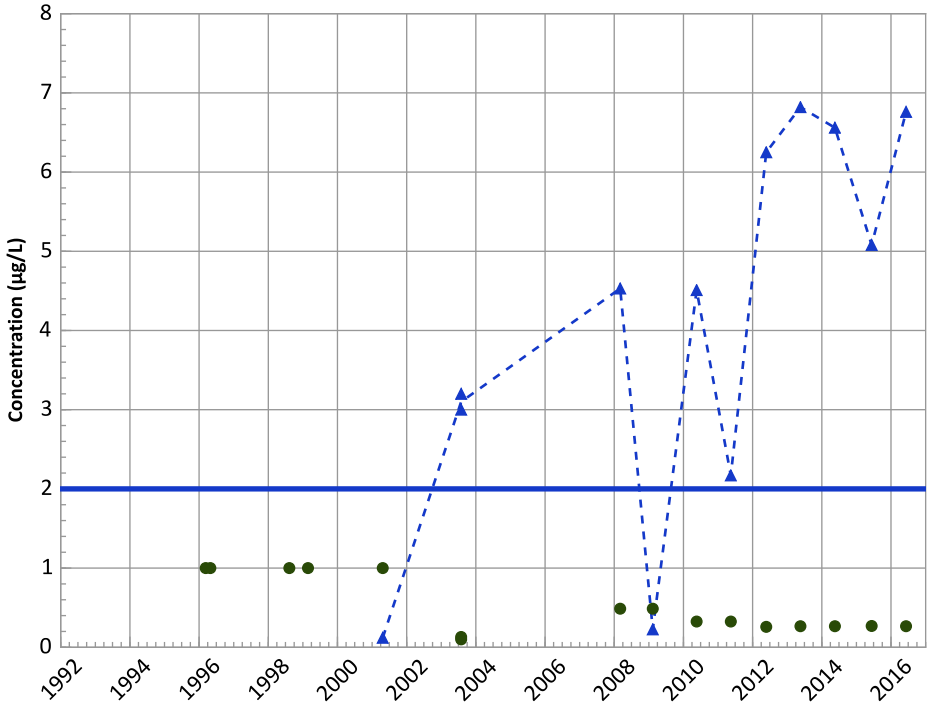
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/20/1995 to 06/08/2016
Analysis Date: 03/07/2017

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

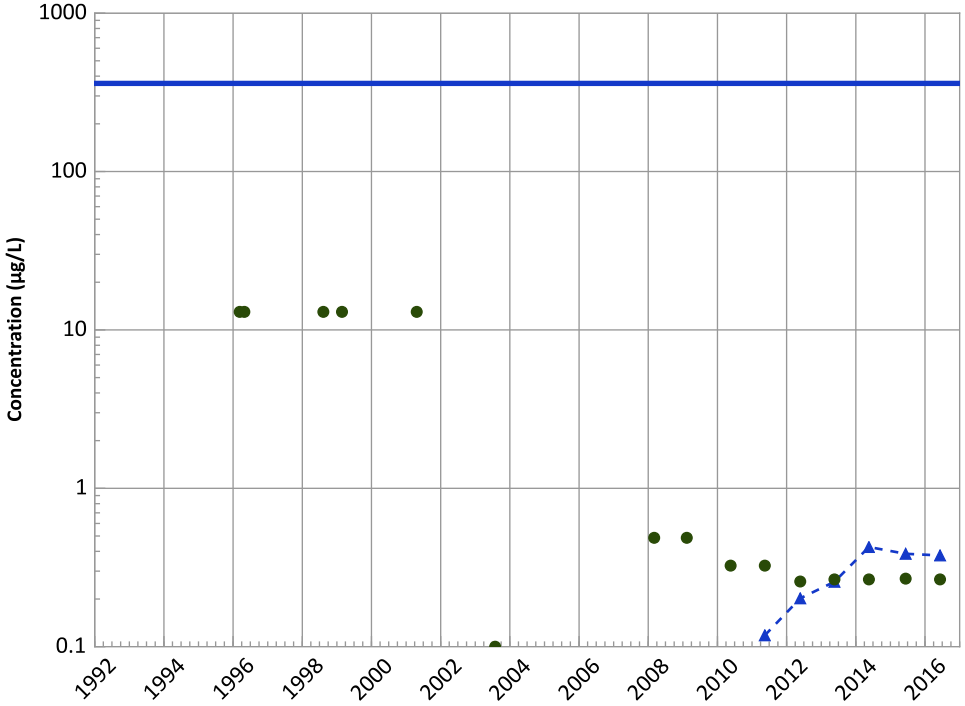


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

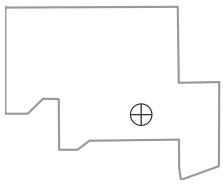
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/20/1995 to 06/08/2016
Analysis Date: 03/07/2017

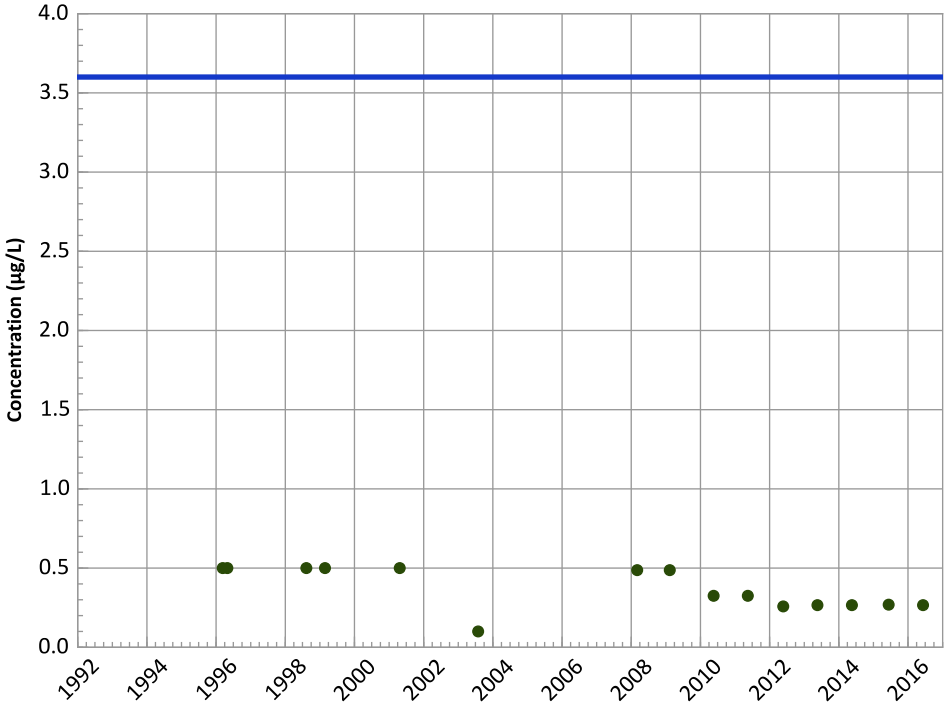
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

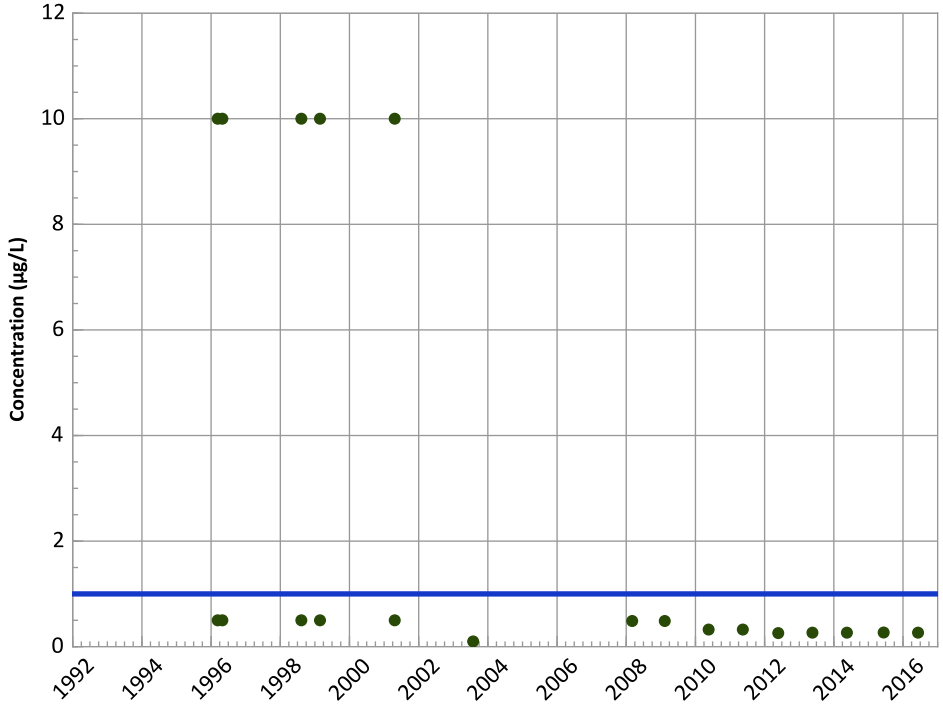


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

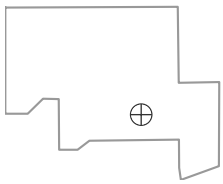
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/20/1995 to 06/08/2016
Analysis Date: 03/07/2017

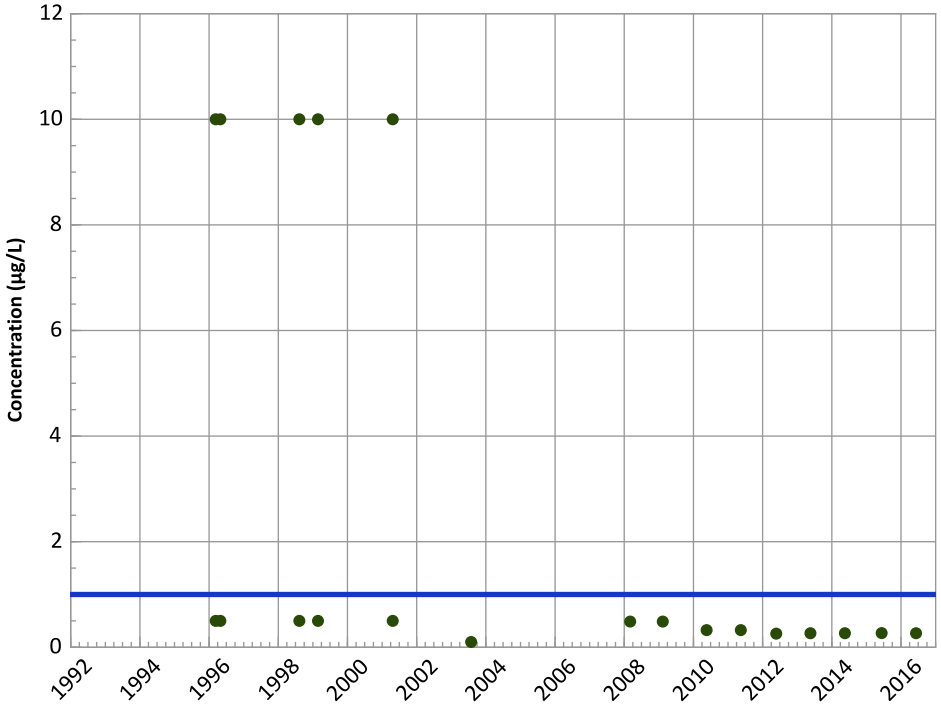
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

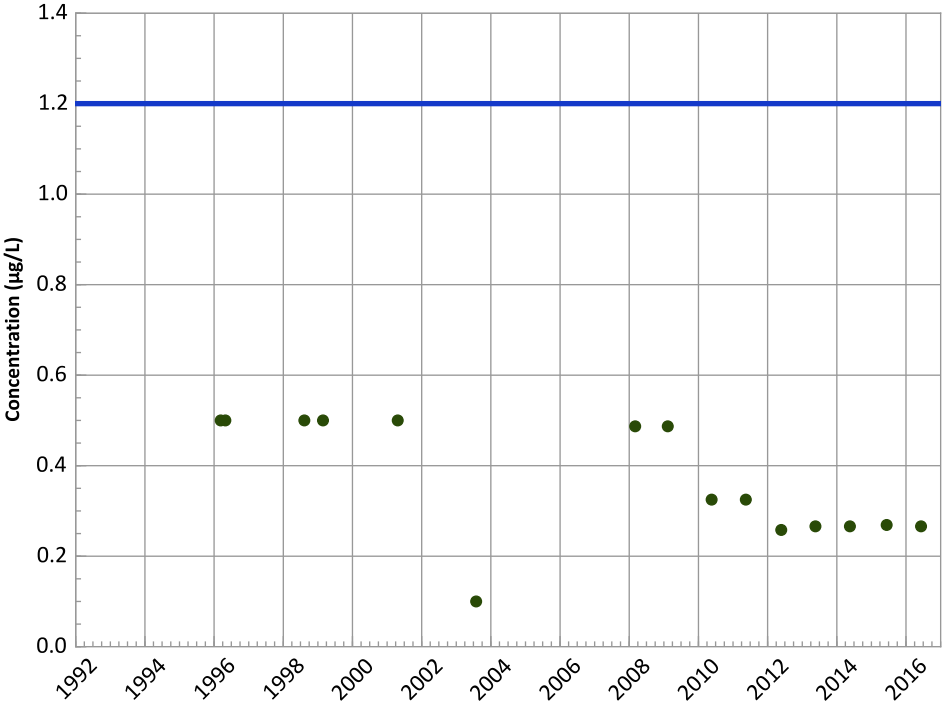


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

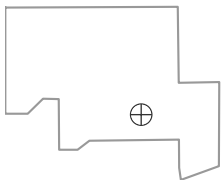
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/20/1995 to 06/08/2016
Analysis Date: 03/07/2017

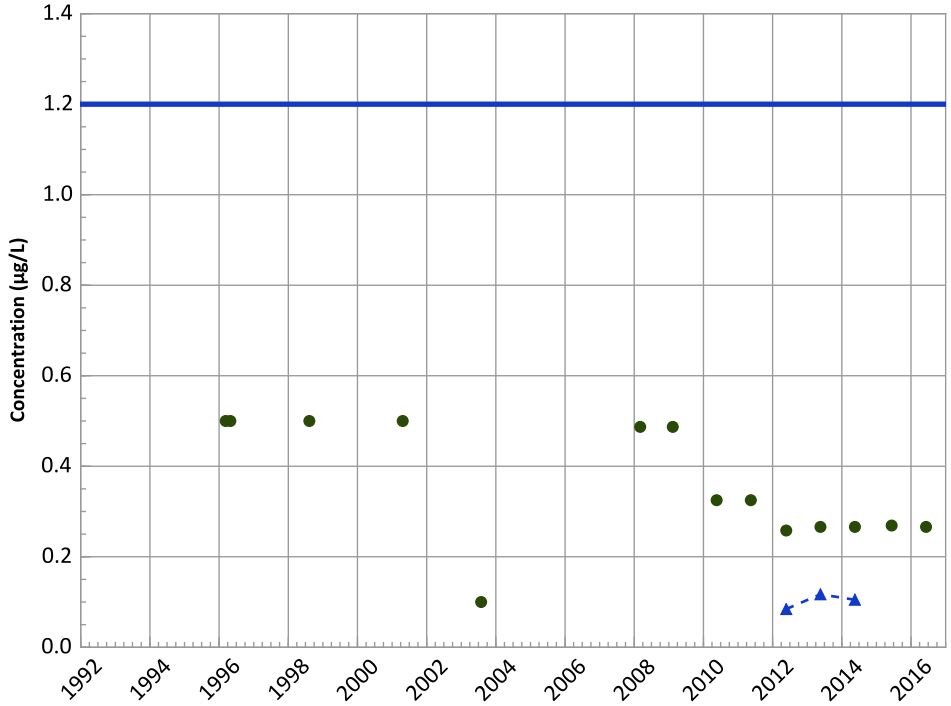
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

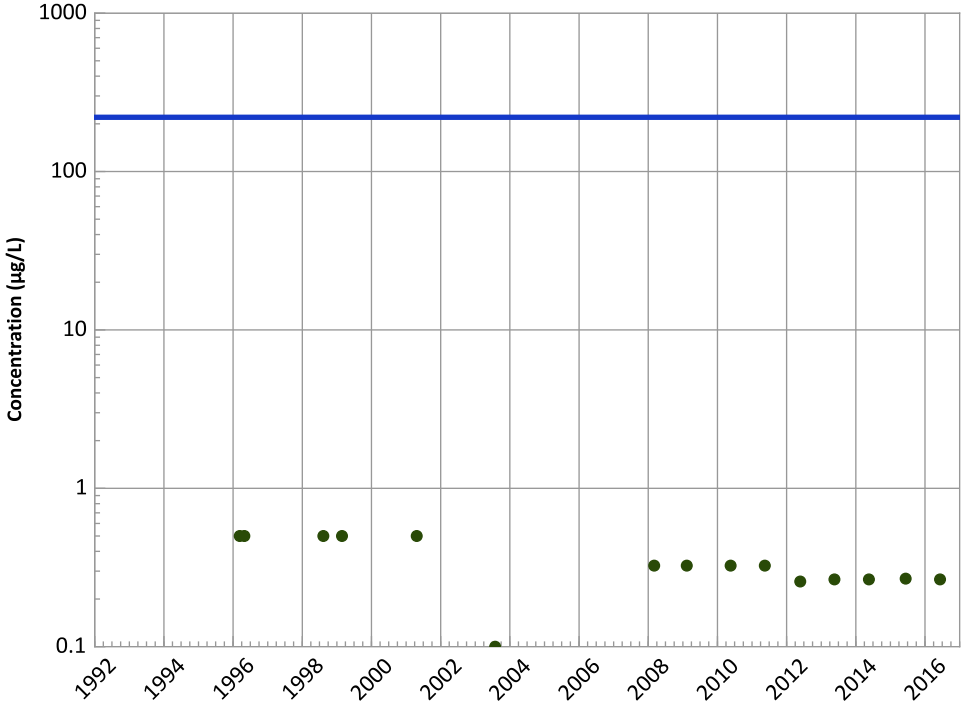


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

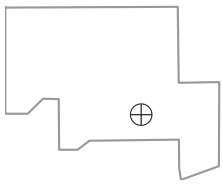
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/20/1995 to 06/08/2016
Analysis Date: 03/07/2017

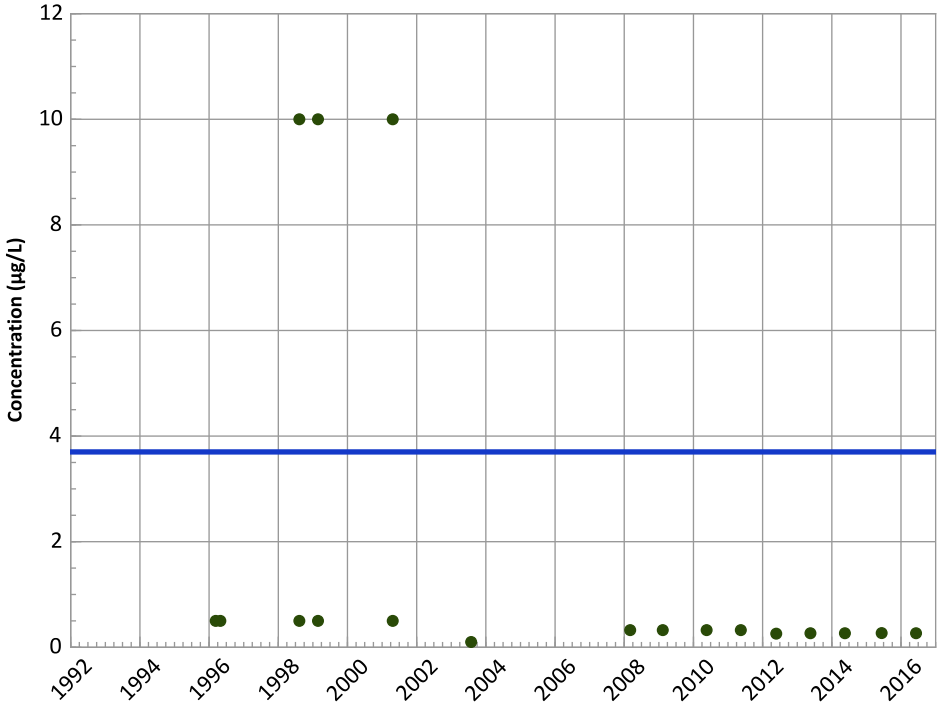
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

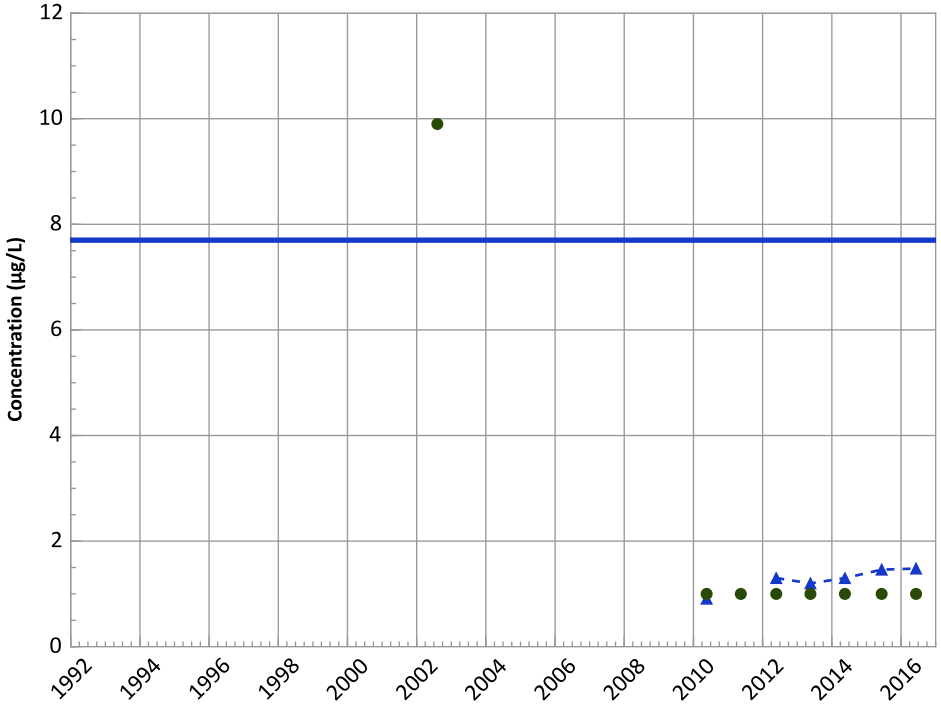


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

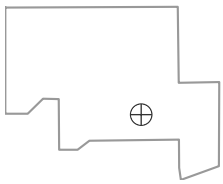
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/20/1995 to 06/08/2016
Analysis Date: 03/07/2017

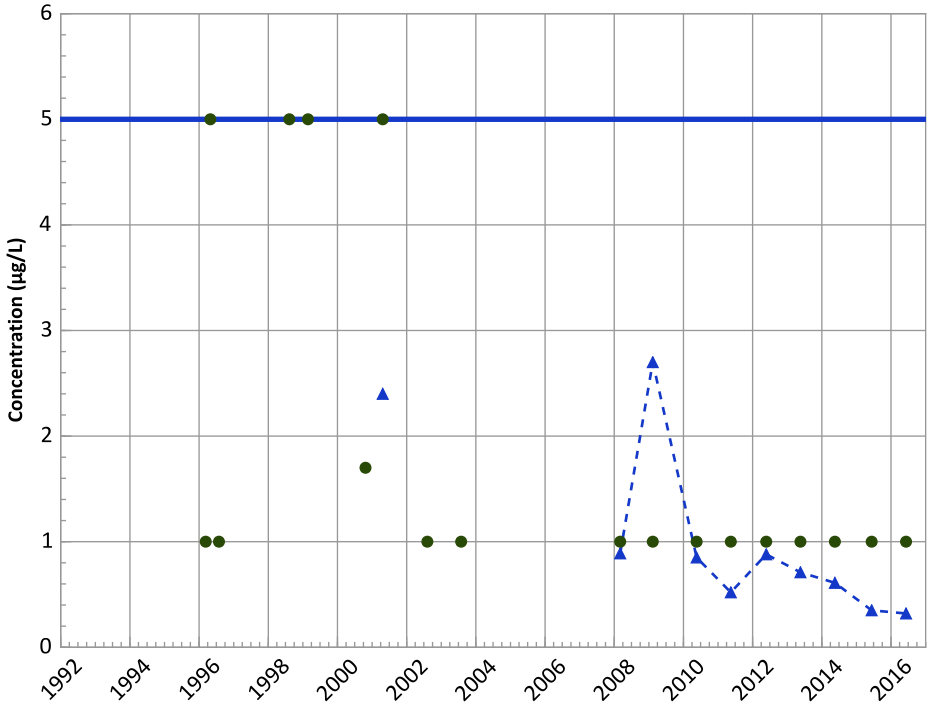
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

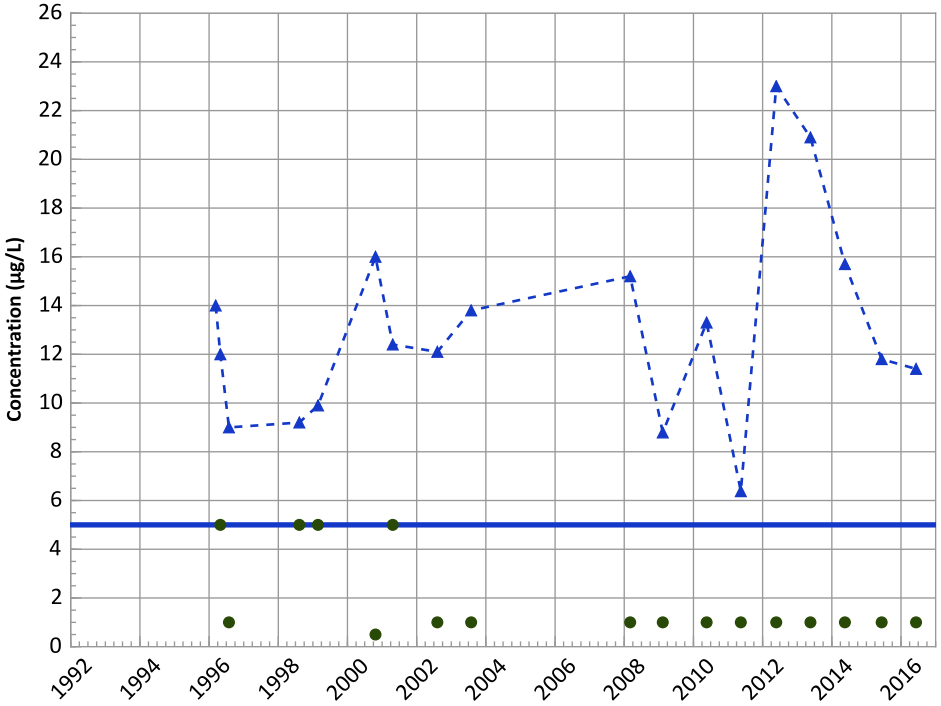


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Trichloroethene Trend



Concentration Trend

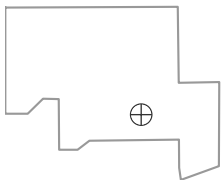
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/20/1995 to 06/08/2016
Analysis Date: 03/07/2017

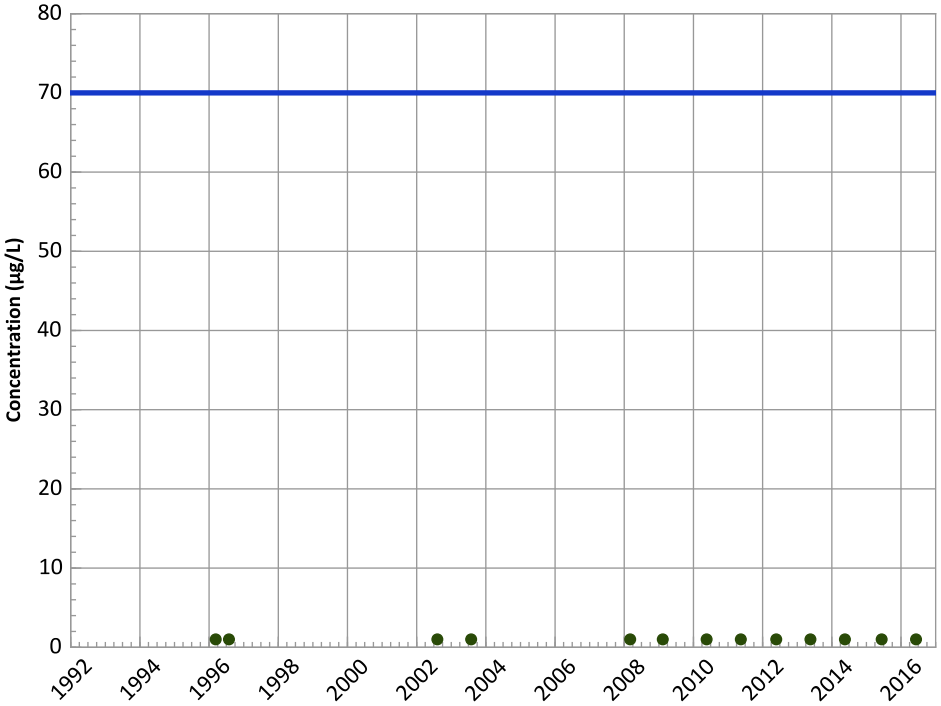
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

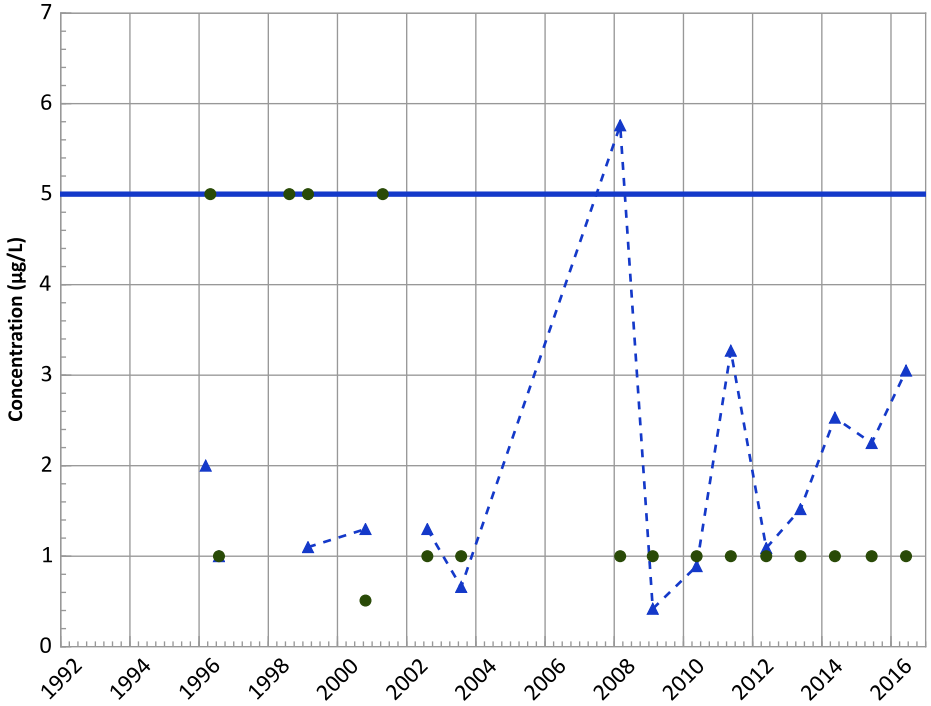


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

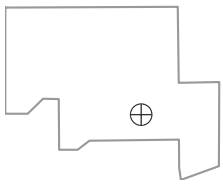
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/20/1995 to 06/08/2016
Analysis Date: 03/07/2017

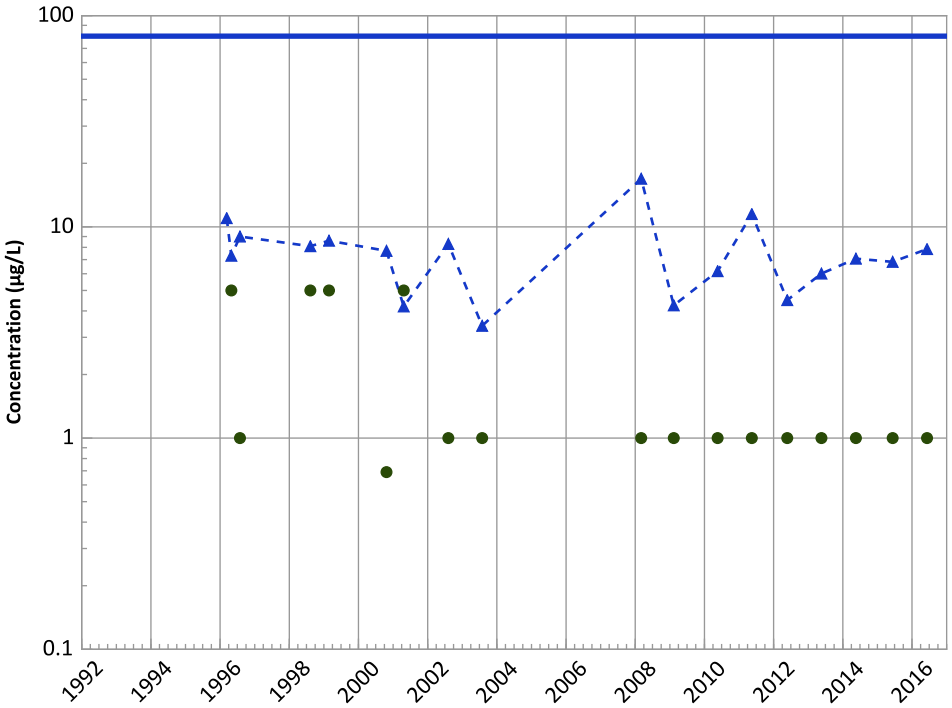
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

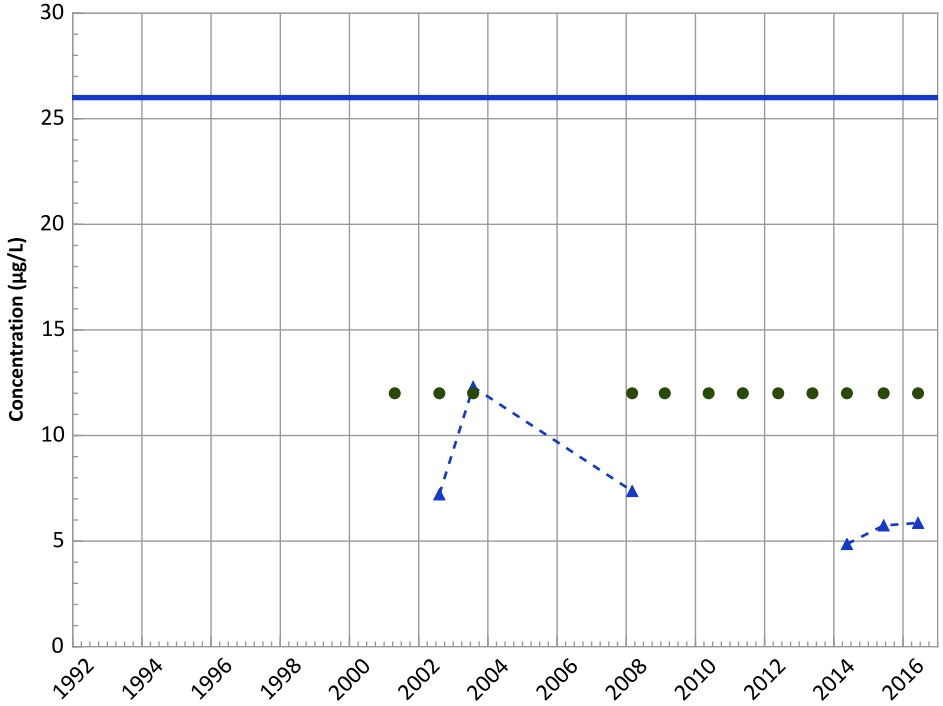


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Stable

Perchlorate Trend



Concentration Trend

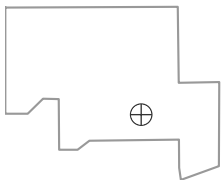
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/20/1995 to 06/08/2016
Analysis Date: 03/07/2017

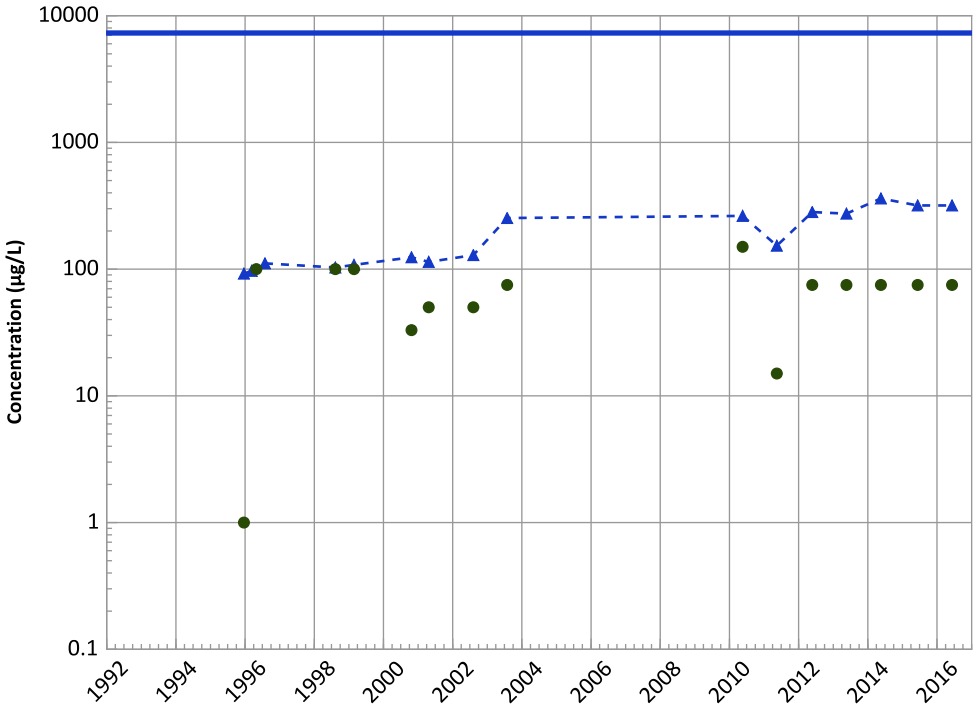
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

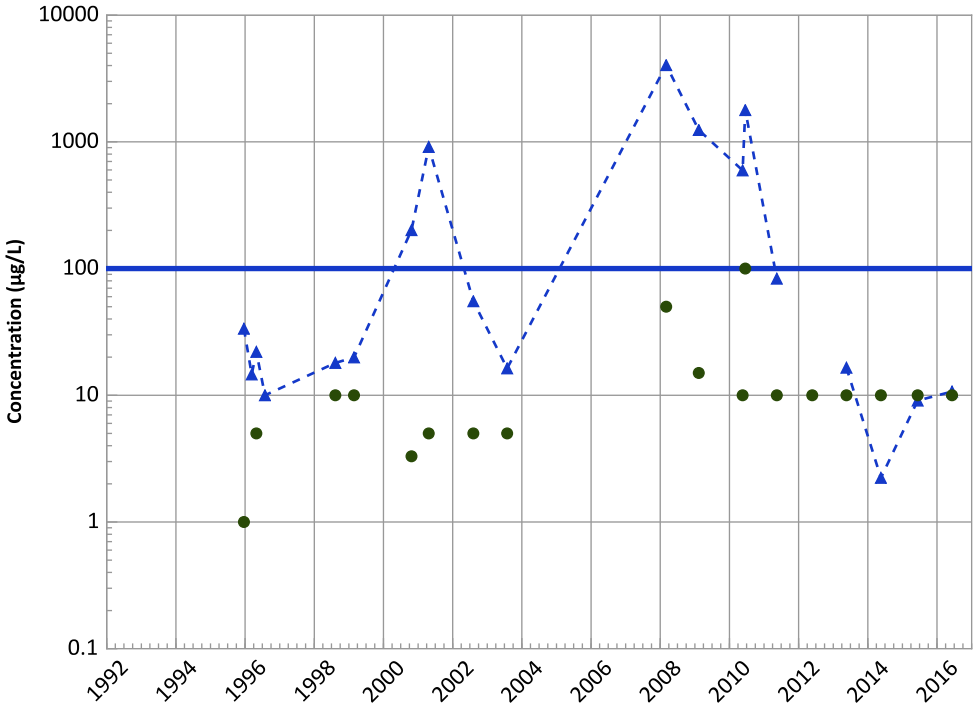


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

Chromium, Total Trend



Concentration Trend

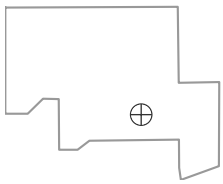
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/20/1995 to 06/08/2016
Analysis Date: 03/07/2017

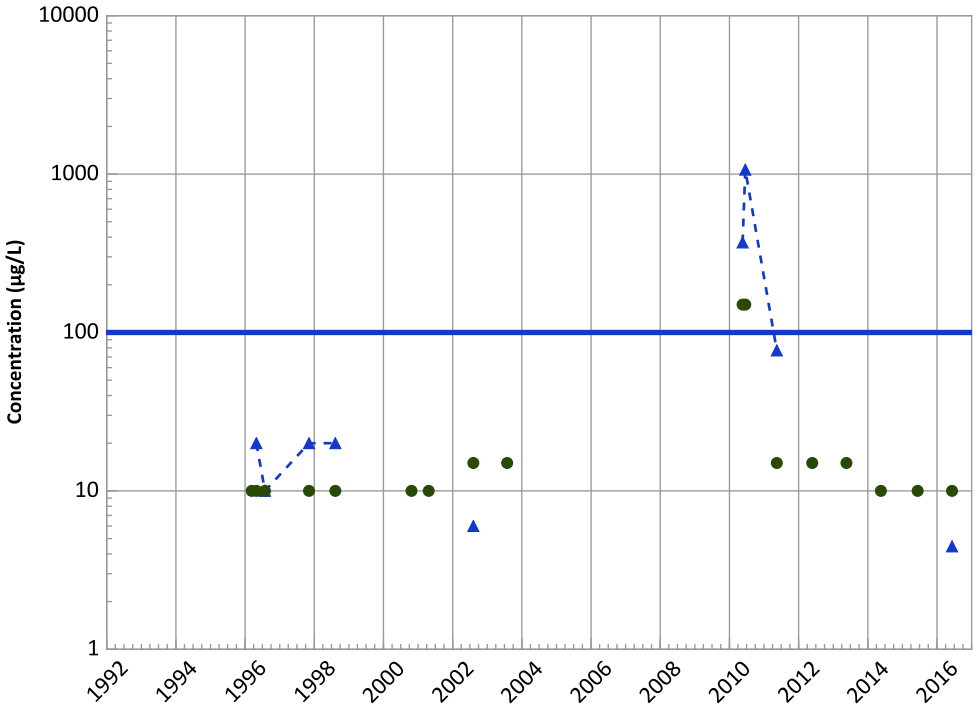
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

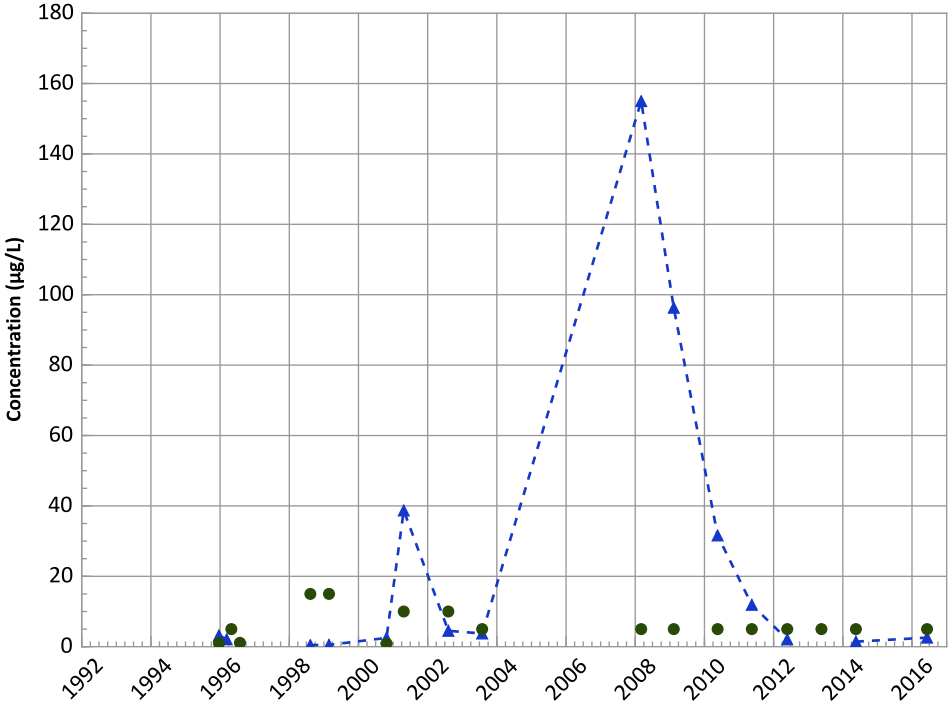


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

Manganese Trend



Concentration Trend

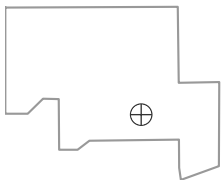
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/20/1995 to 06/08/2016
Analysis Date: 03/07/2017

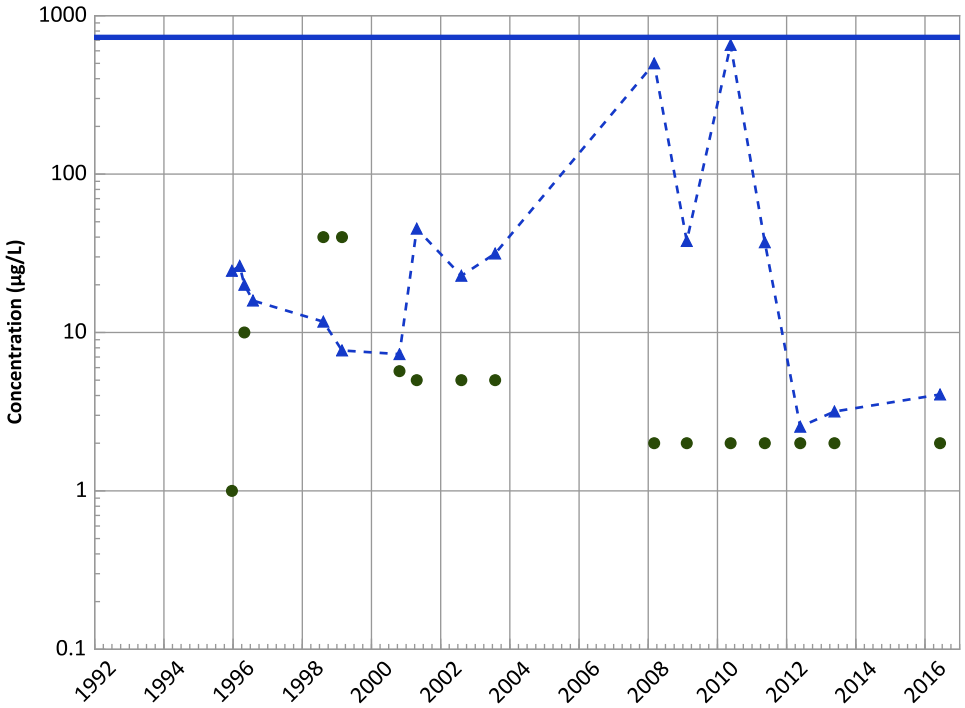
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

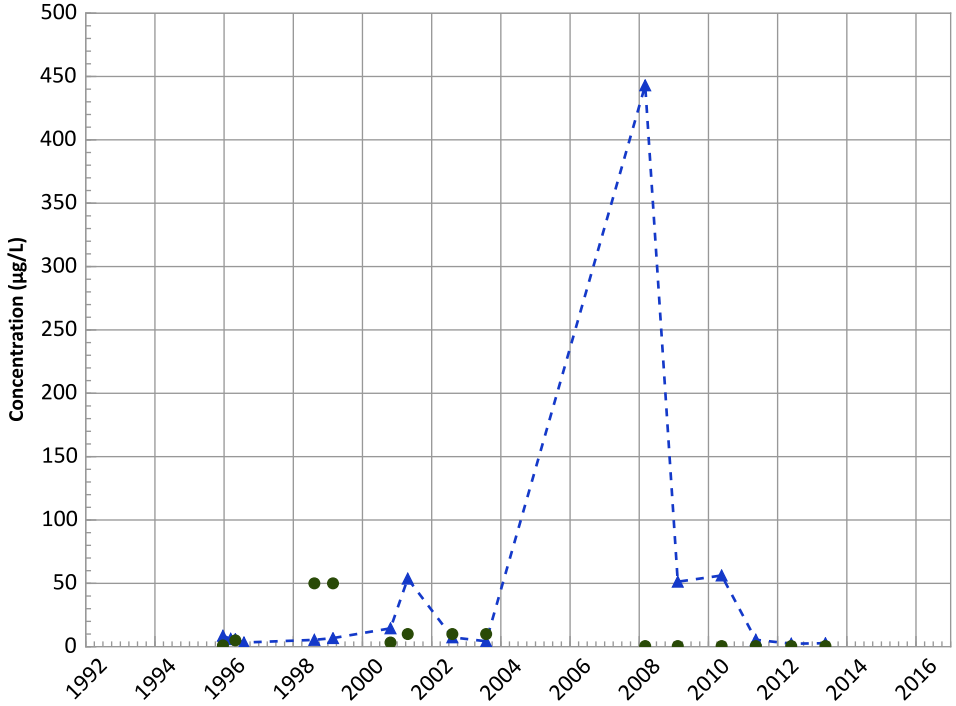


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
No Trend

Molybdenum Trend



Concentration Trend

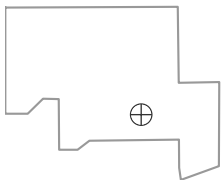
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/20/1995 to 06/08/2016
Analysis Date: 03/07/2017

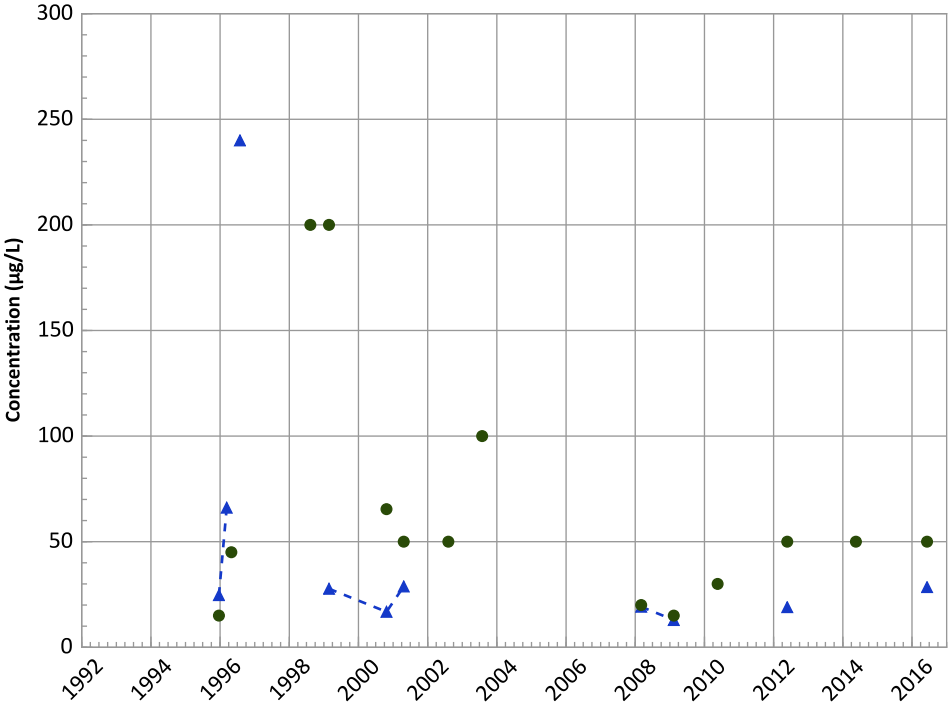
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

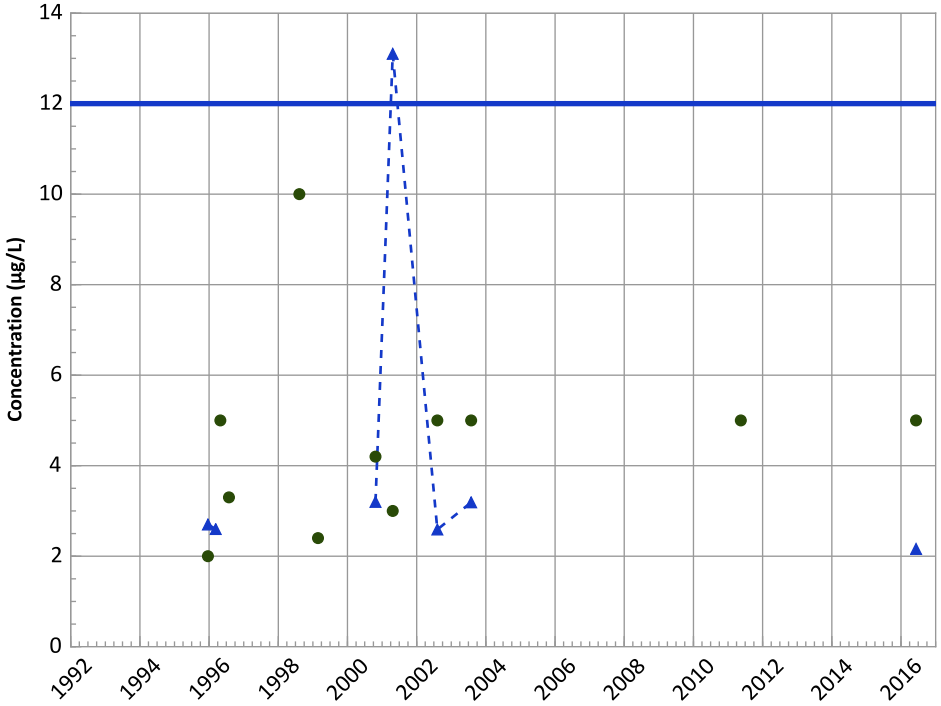


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

Arsenic Trend



Concentration Trend

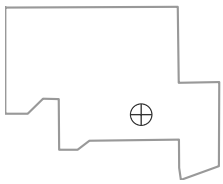
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/20/1995 to 06/08/2016
Analysis Date: 03/07/2017

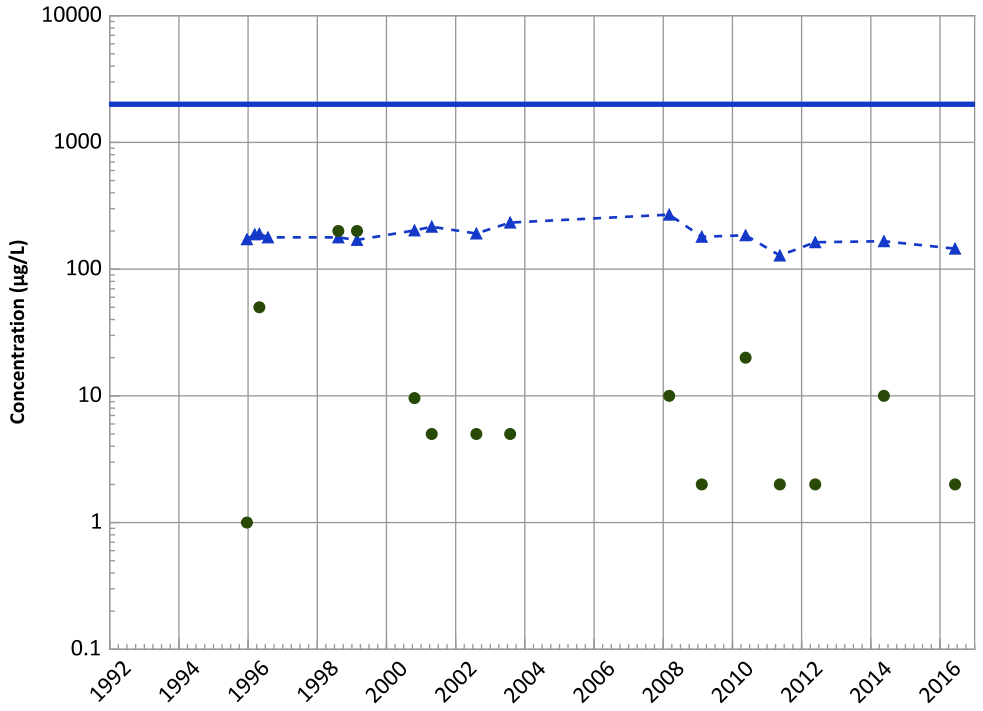
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

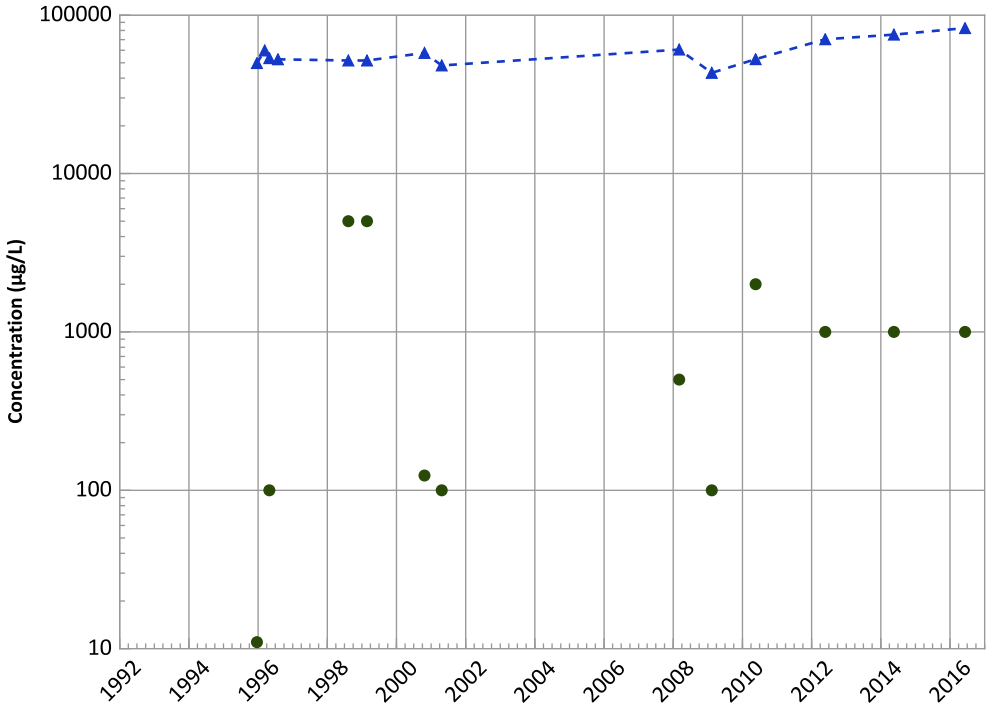


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Calcium Trend



Concentration Trend

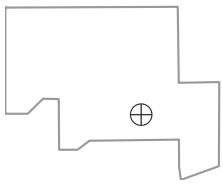
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/20/1995 to 06/08/2016
Analysis Date: 03/07/2017

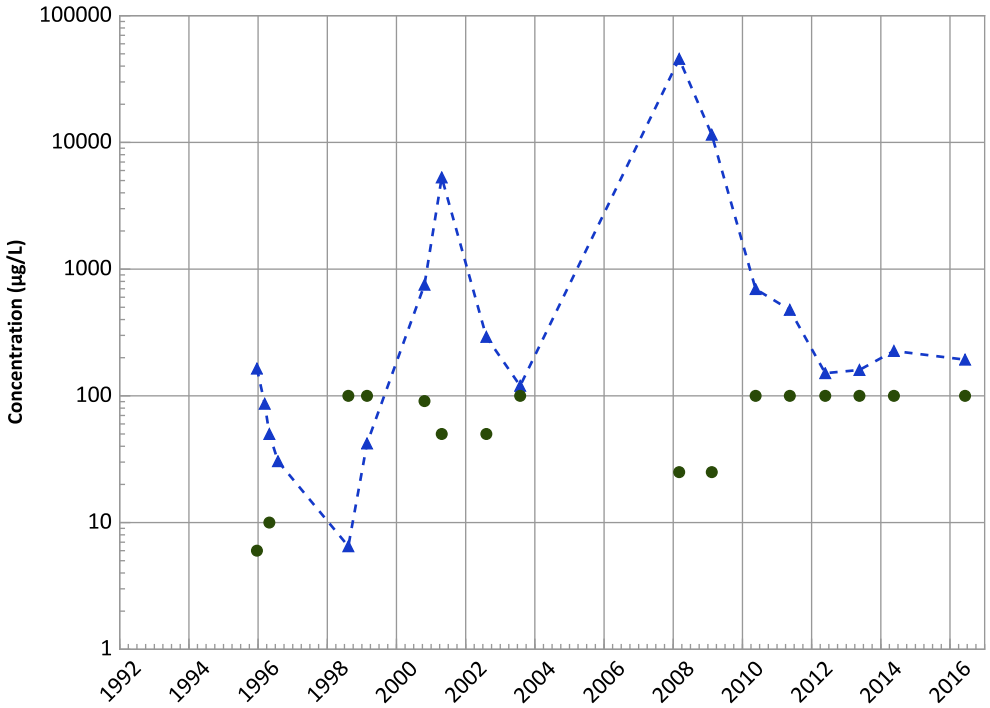
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

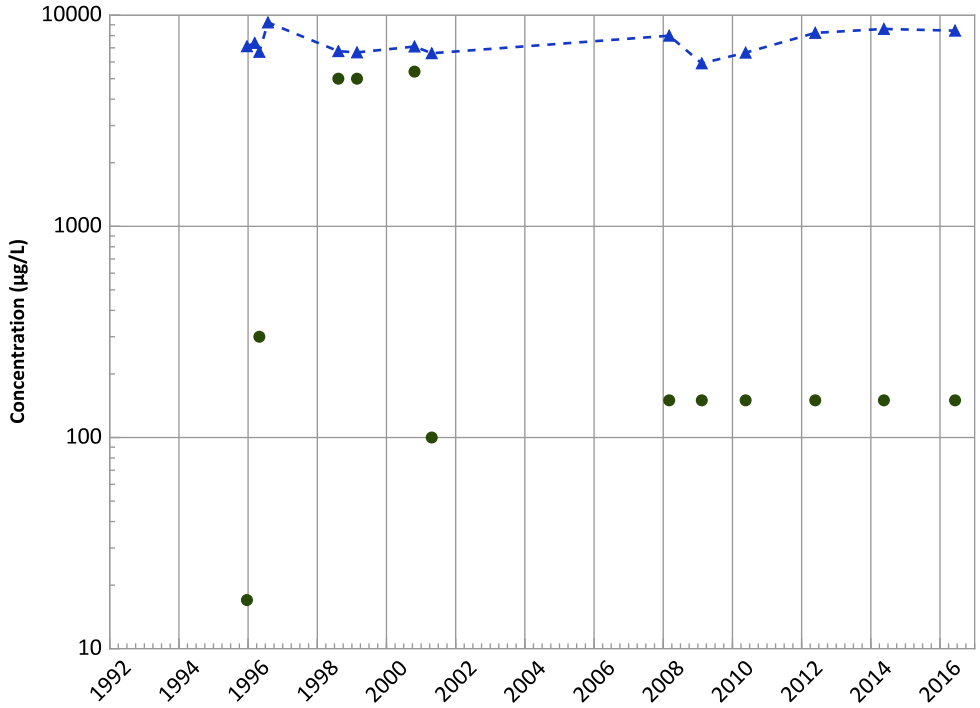


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Increasing

Potassium Trend



Concentration Trend

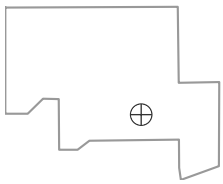
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/20/1995 to 06/08/2016
Analysis Date: 03/07/2017

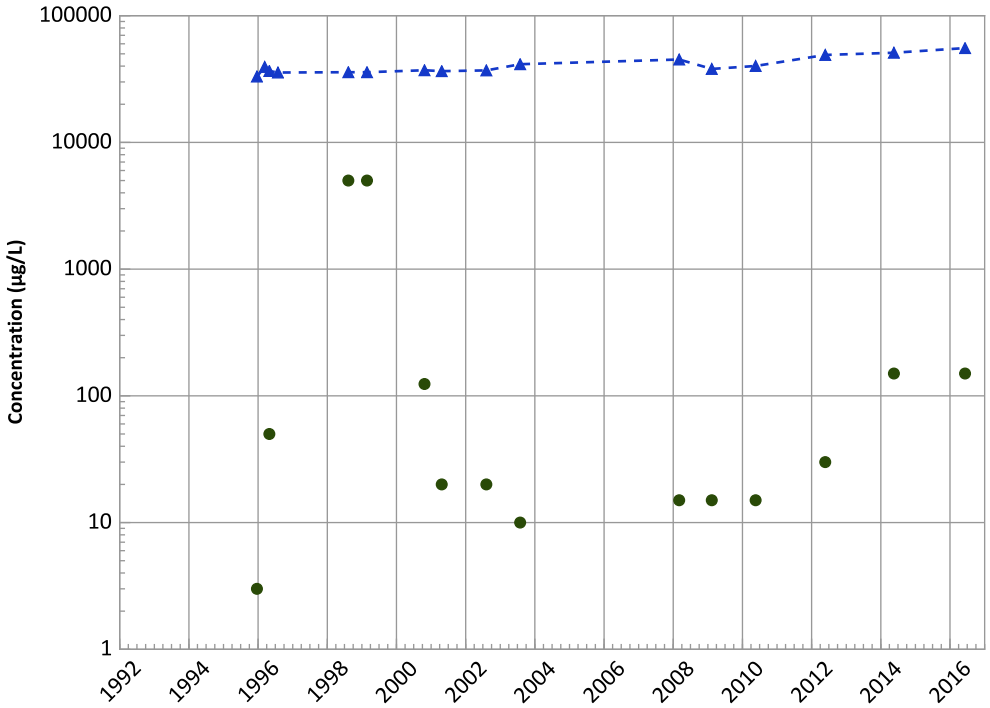
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

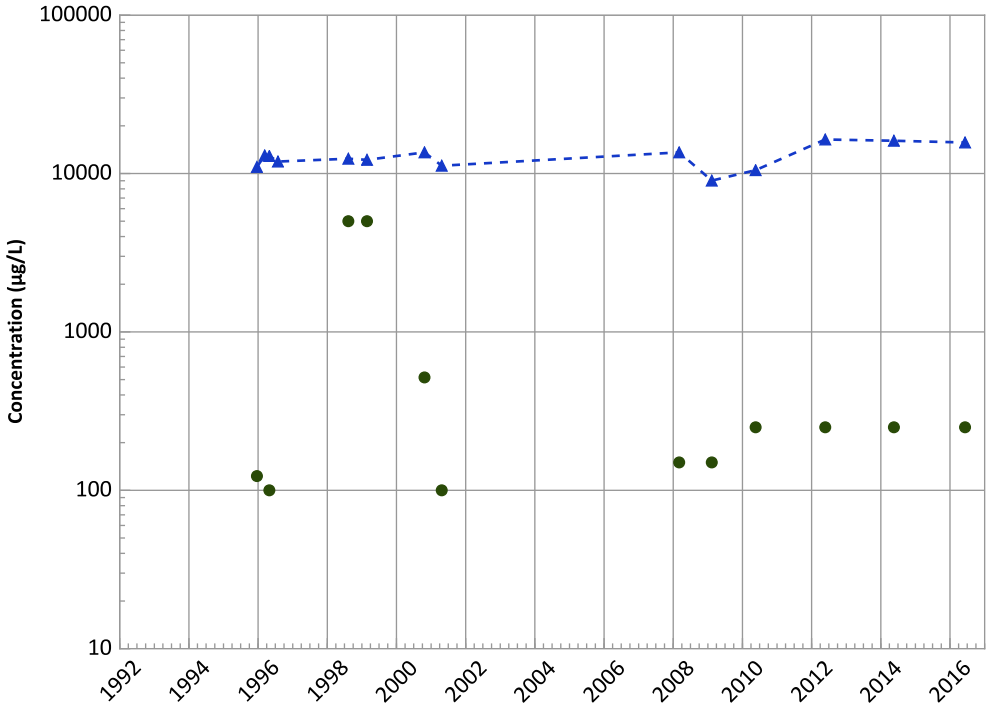


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Sodium Trend



Concentration Trend

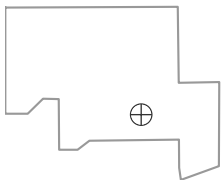
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

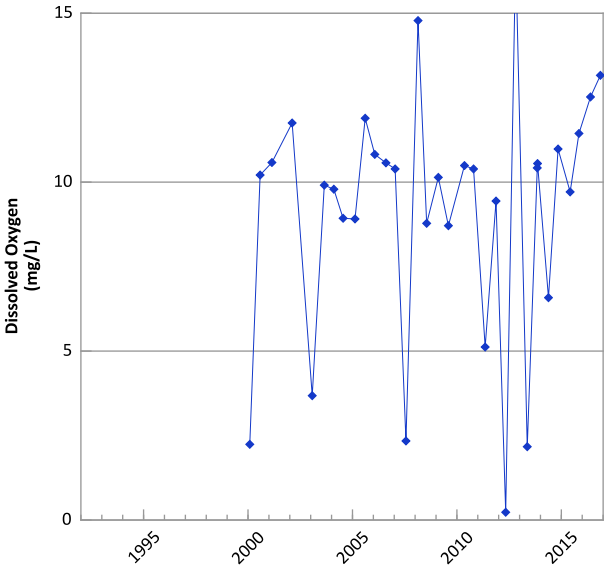
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/20/1995 to 06/08/2016
Analysis Date: 03/07/2017

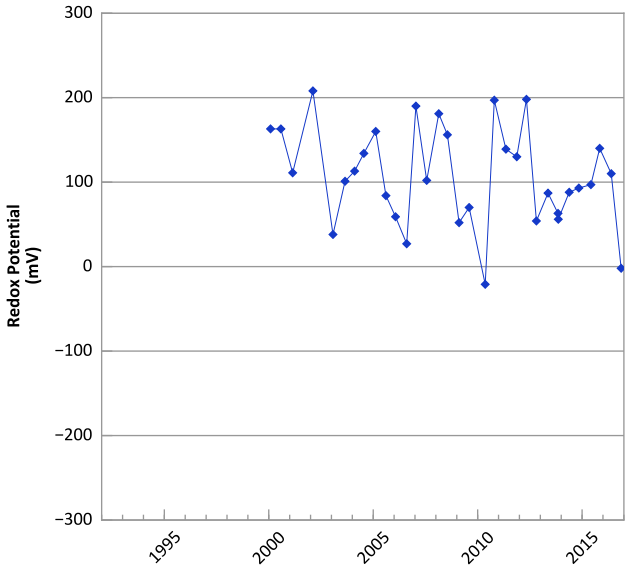
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

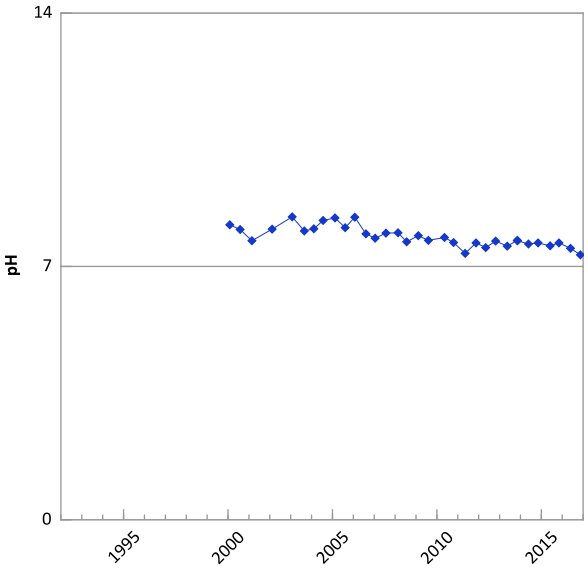
Well Location

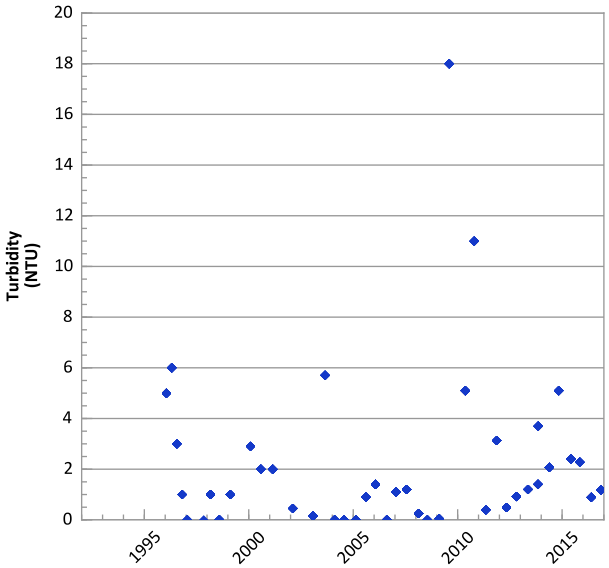


PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



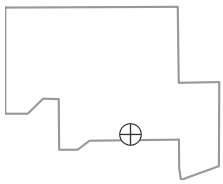






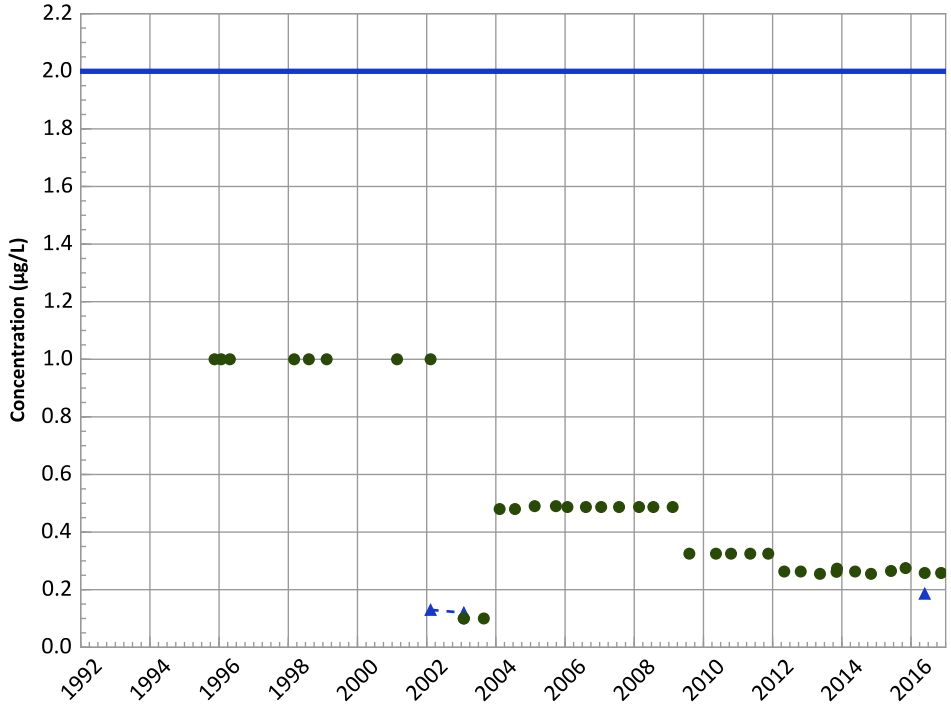
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

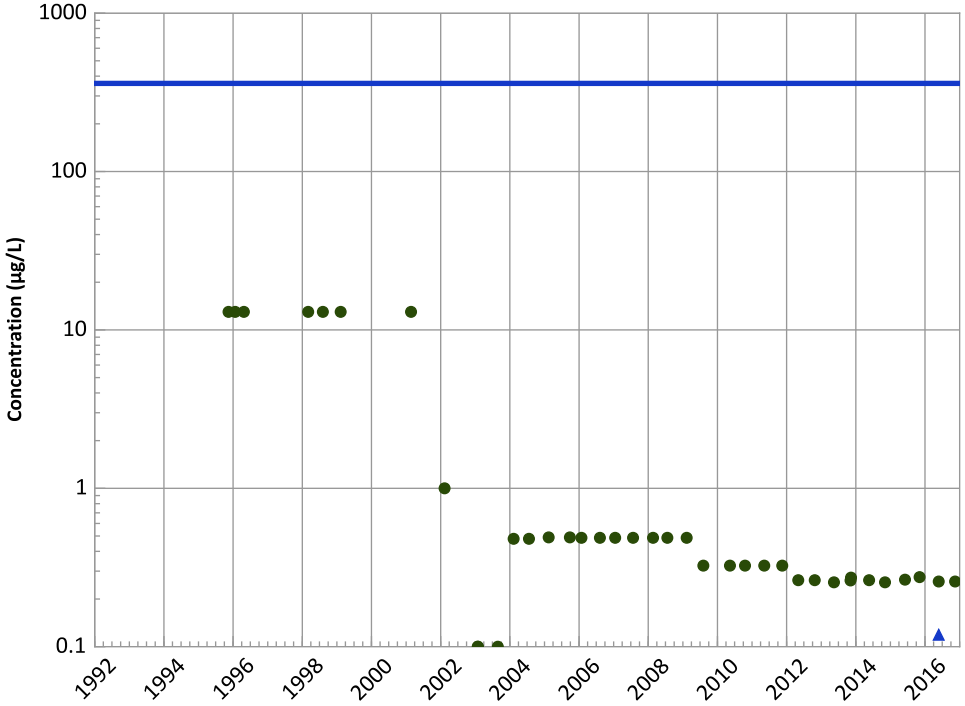


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

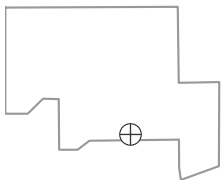
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

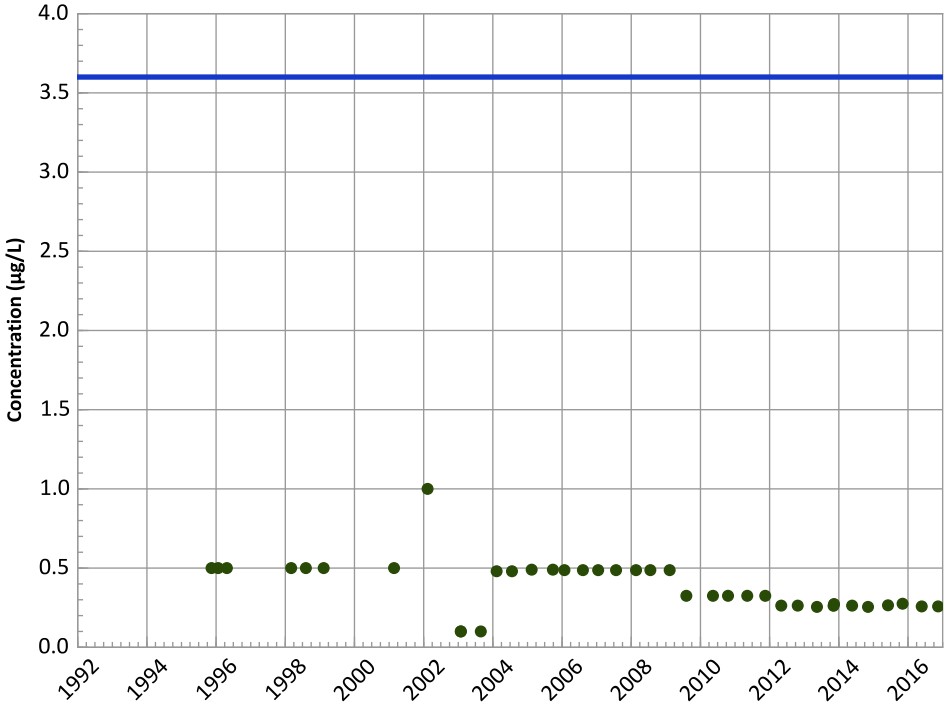
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

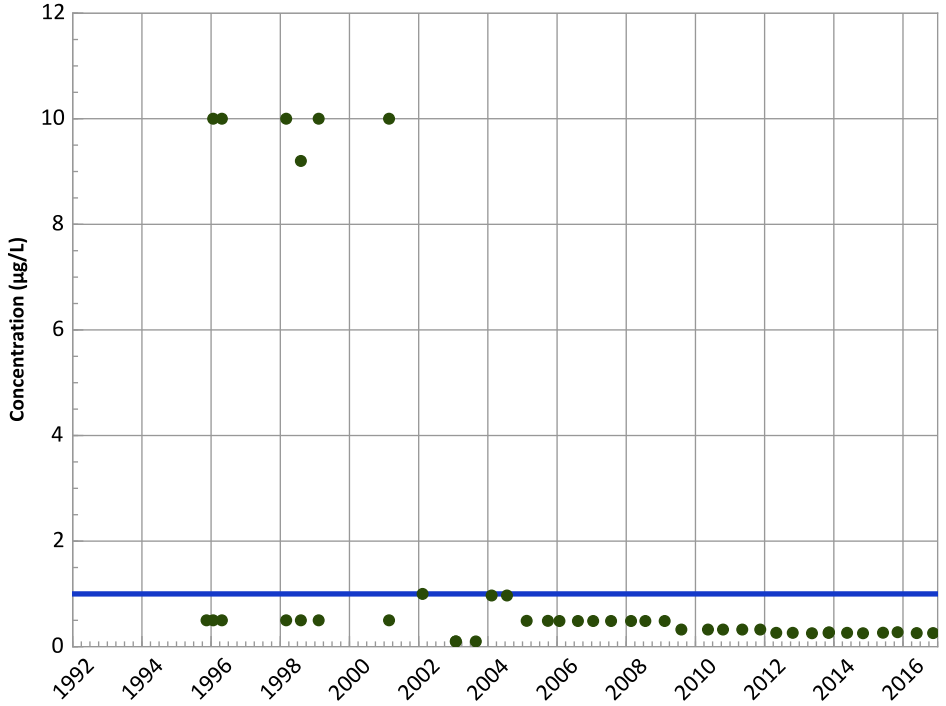


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

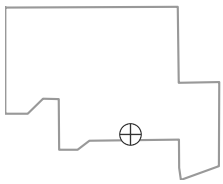
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

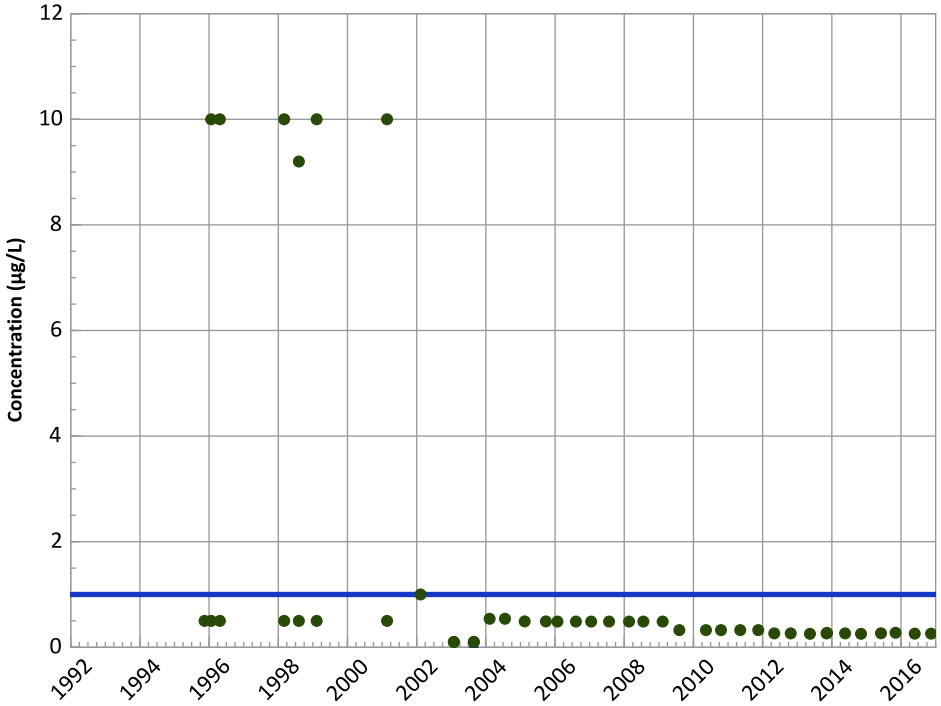
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

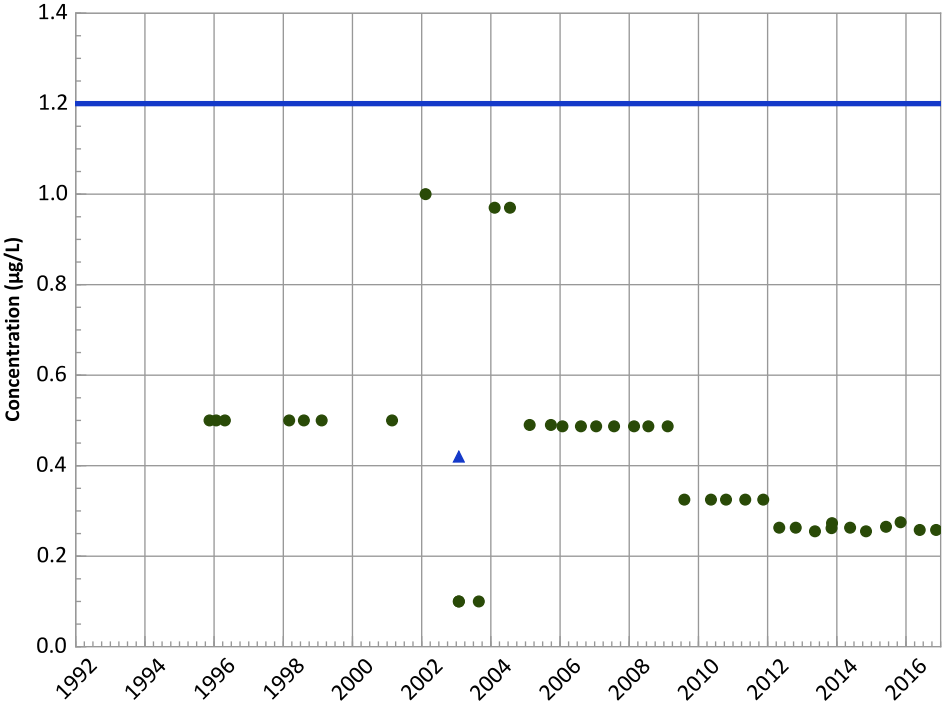


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

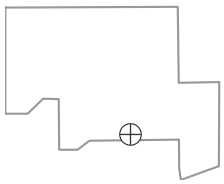
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

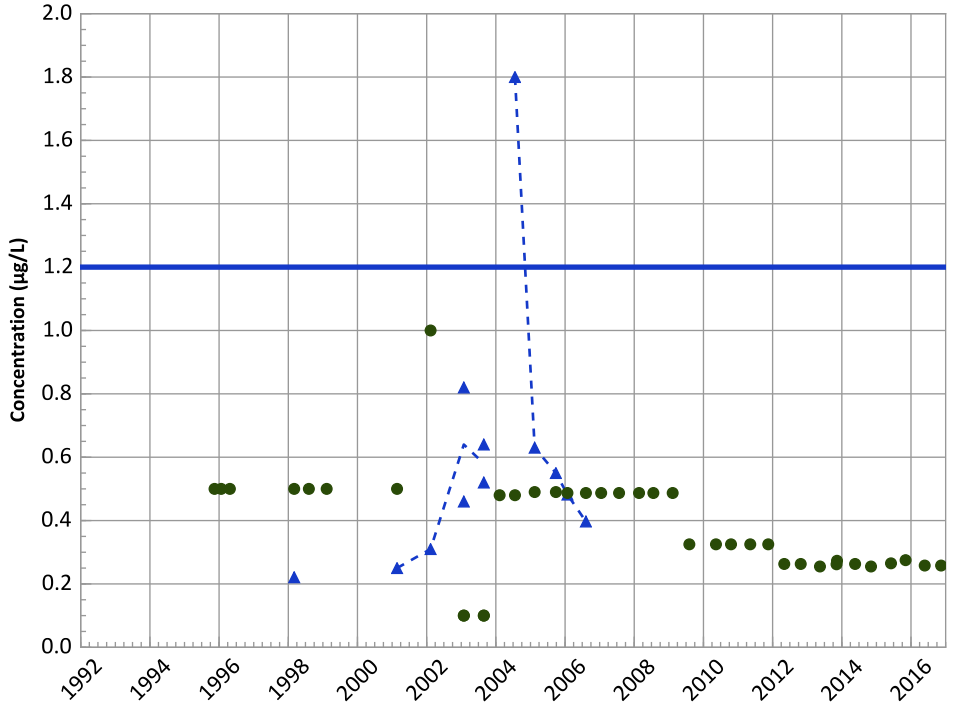
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

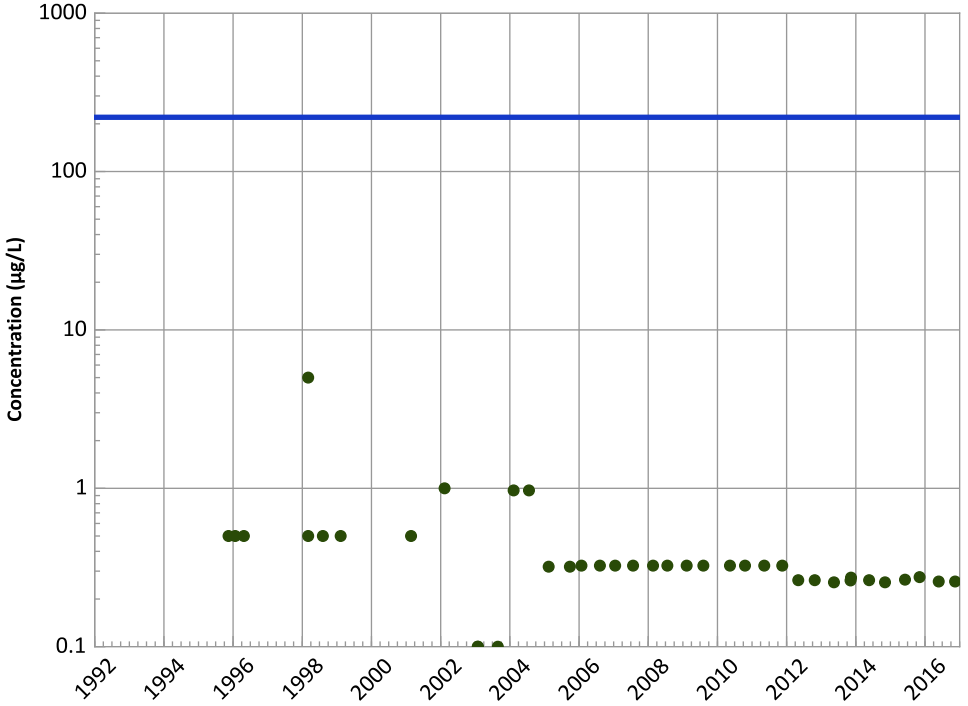


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

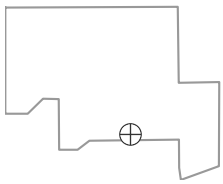
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

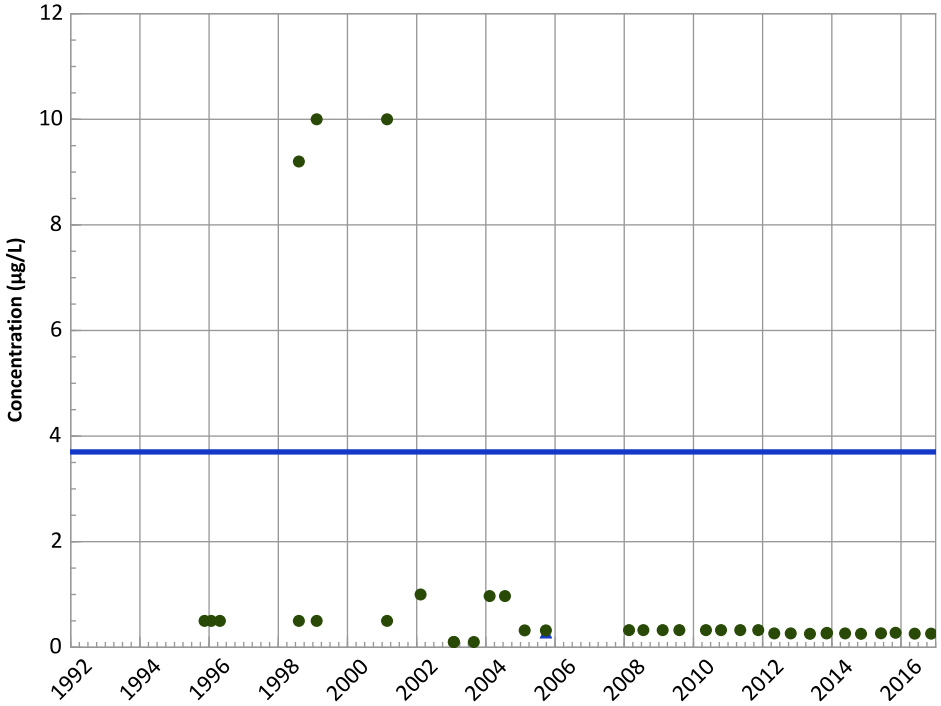
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

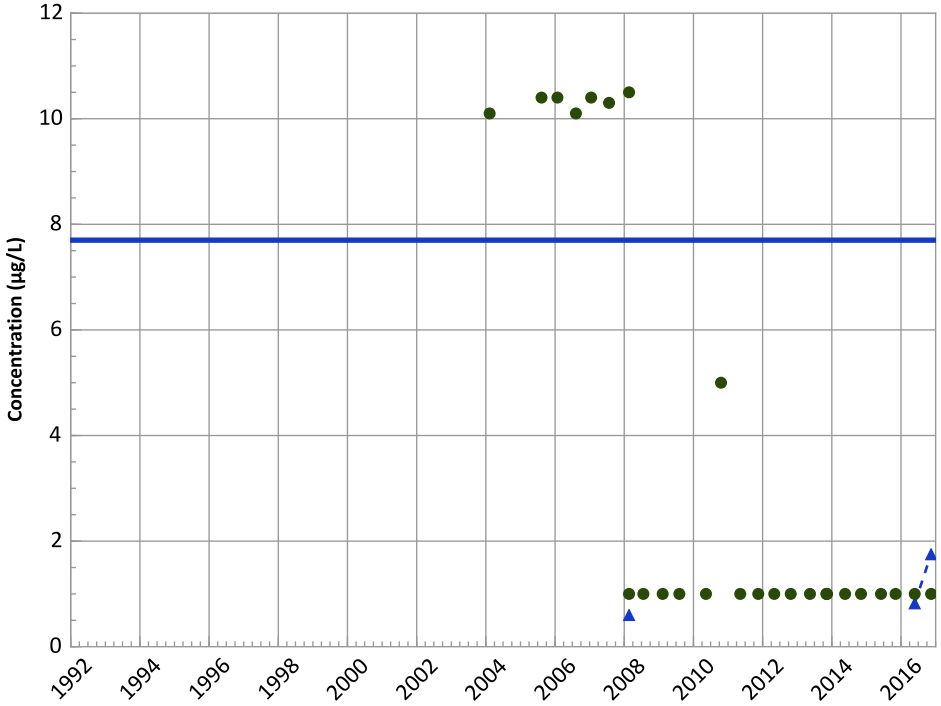


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

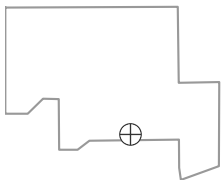
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

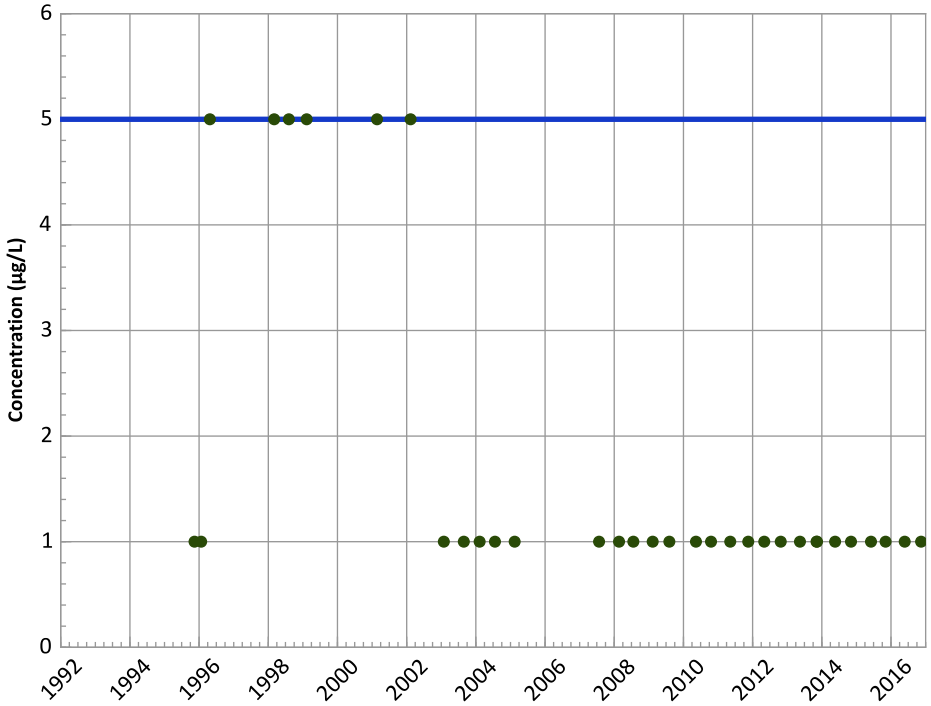
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

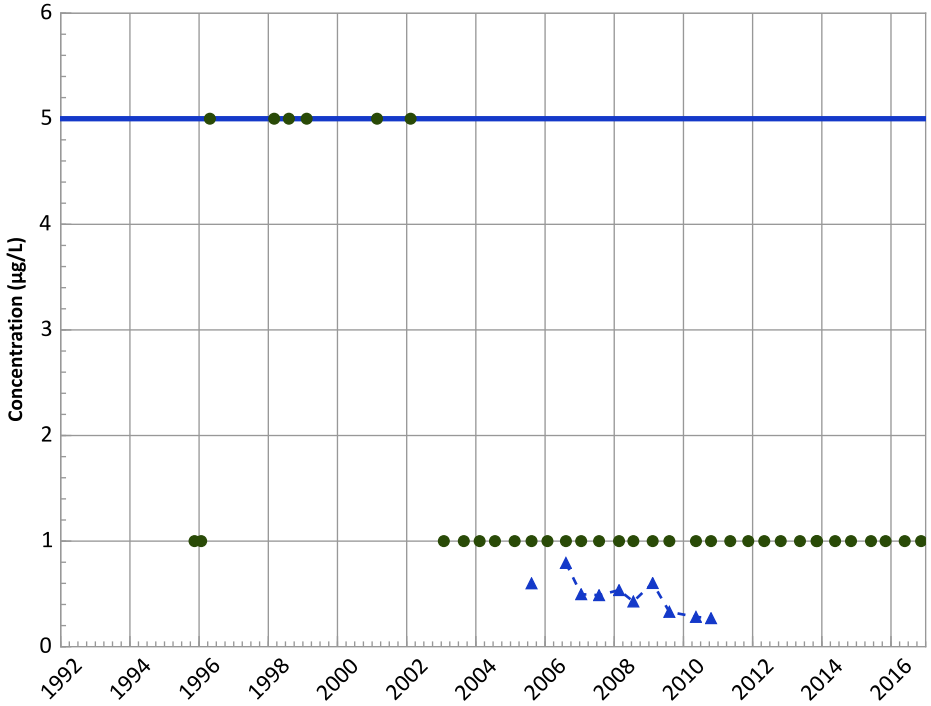


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

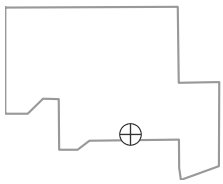
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

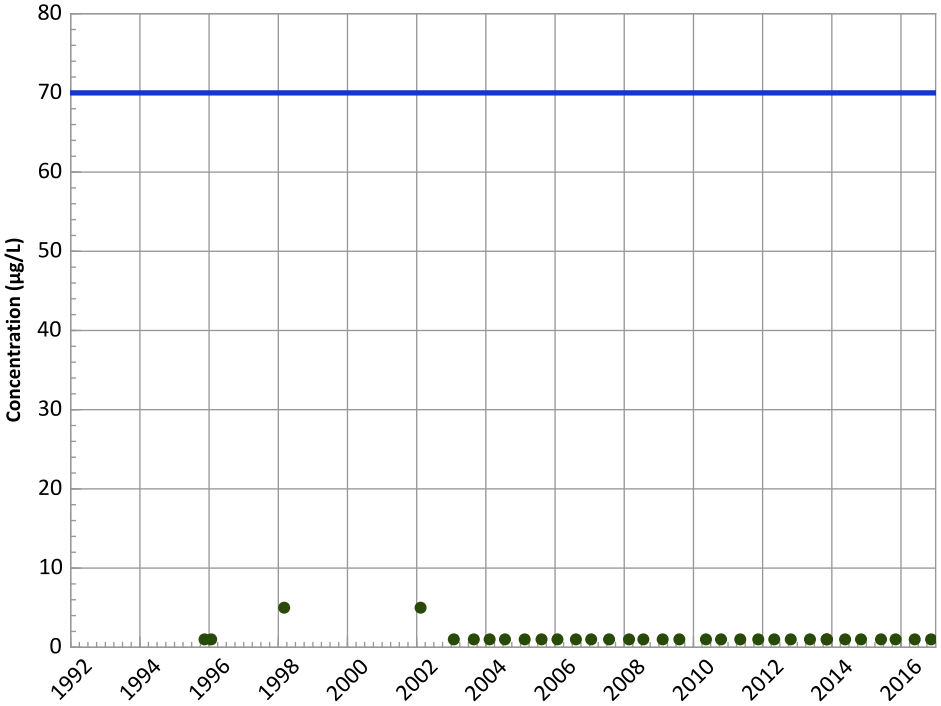
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

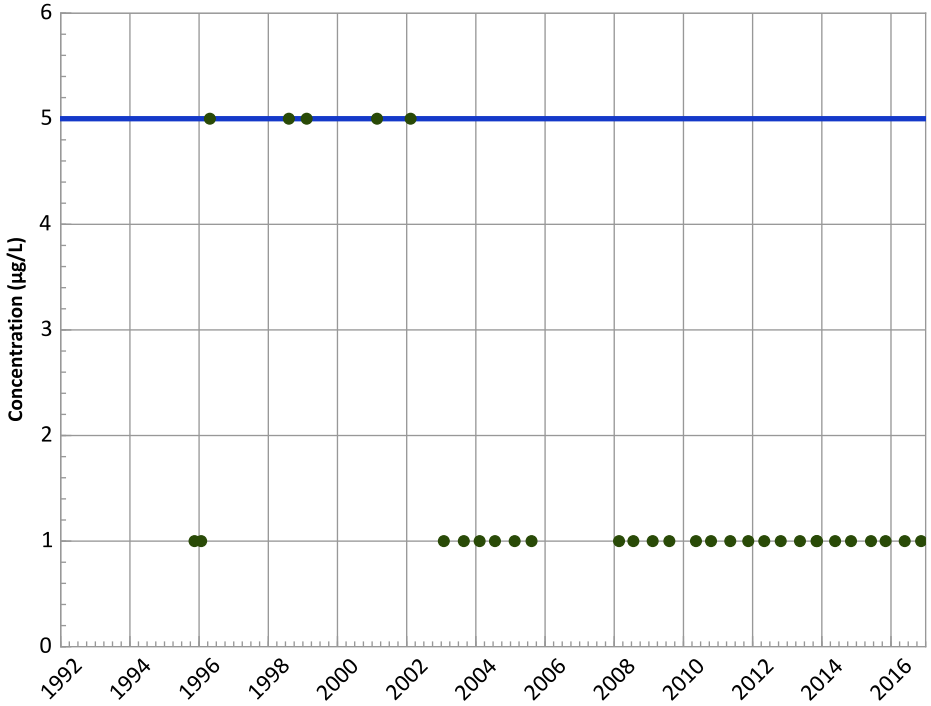


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

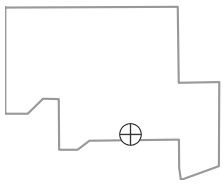
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

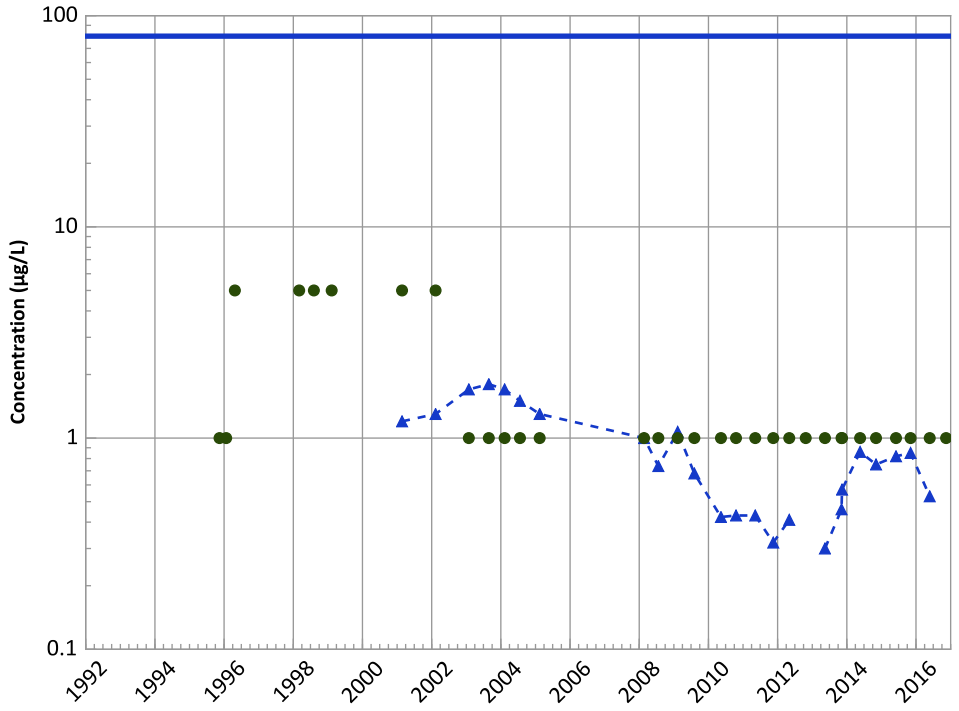
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

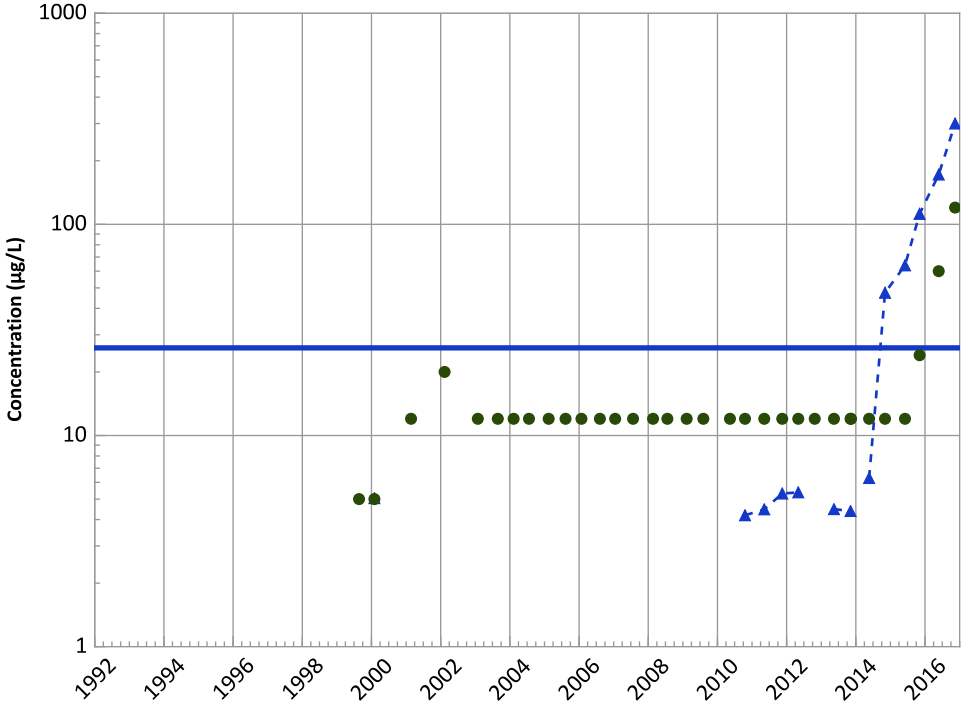


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Perchlorate Trend



Concentration Trend

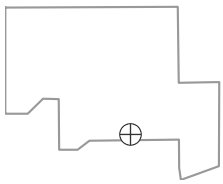
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

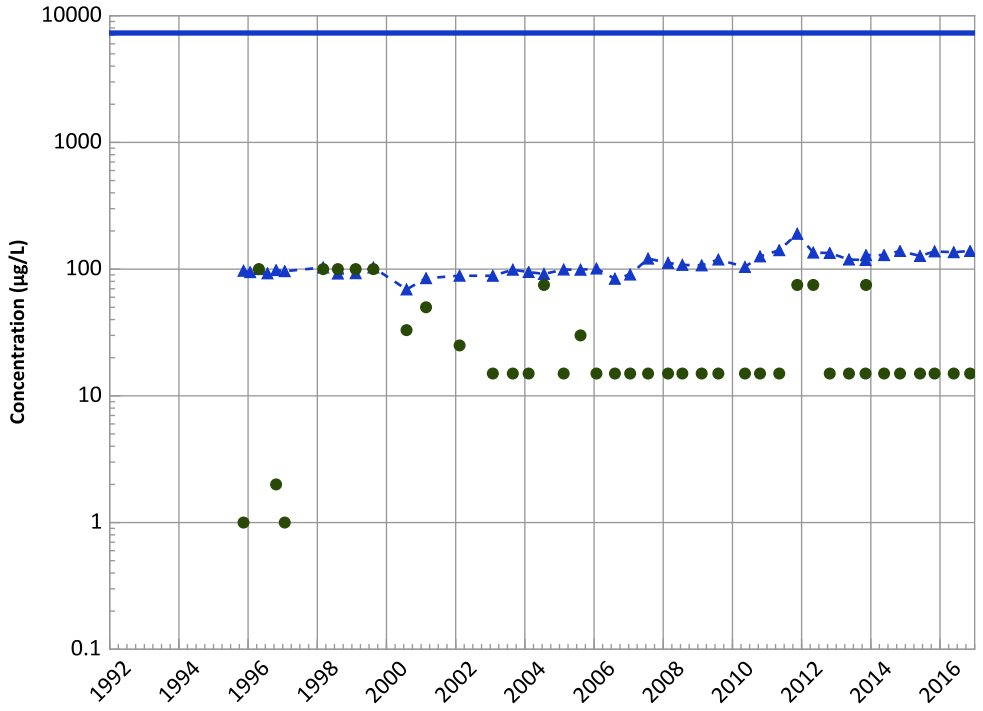
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

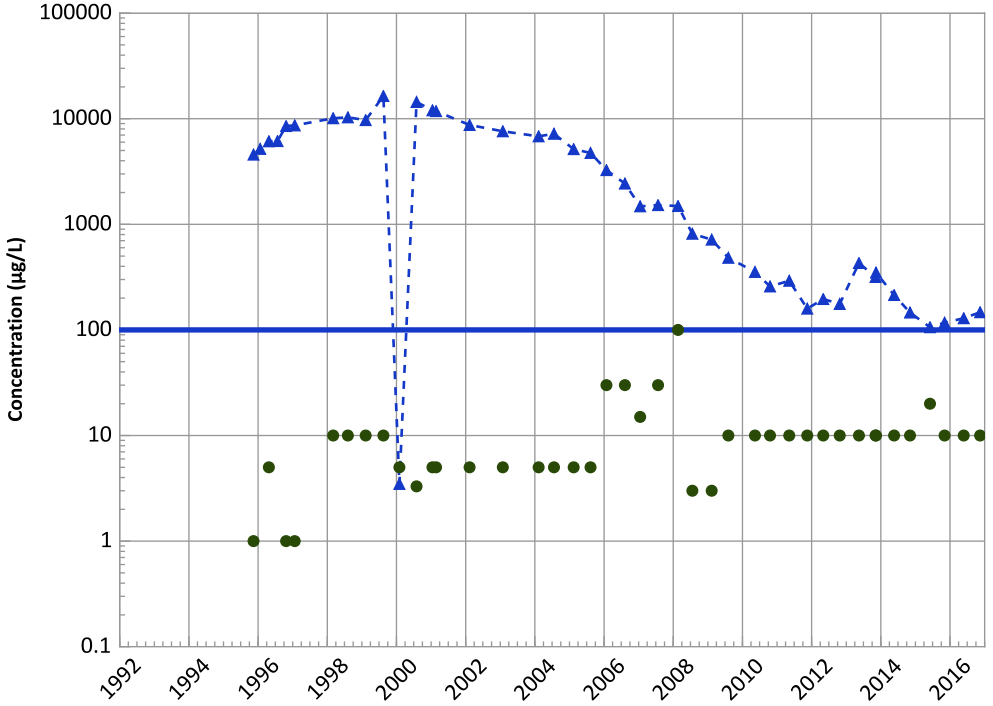


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Chromium, Total Trend



Concentration Trend

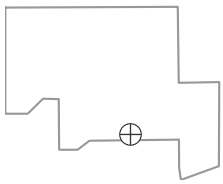
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

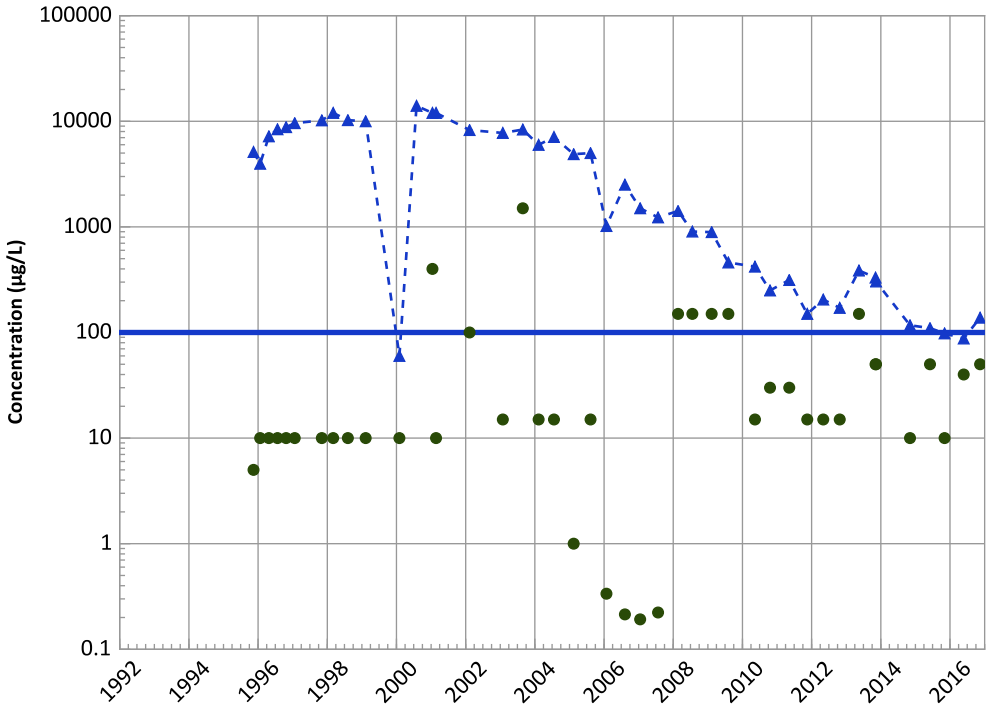
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

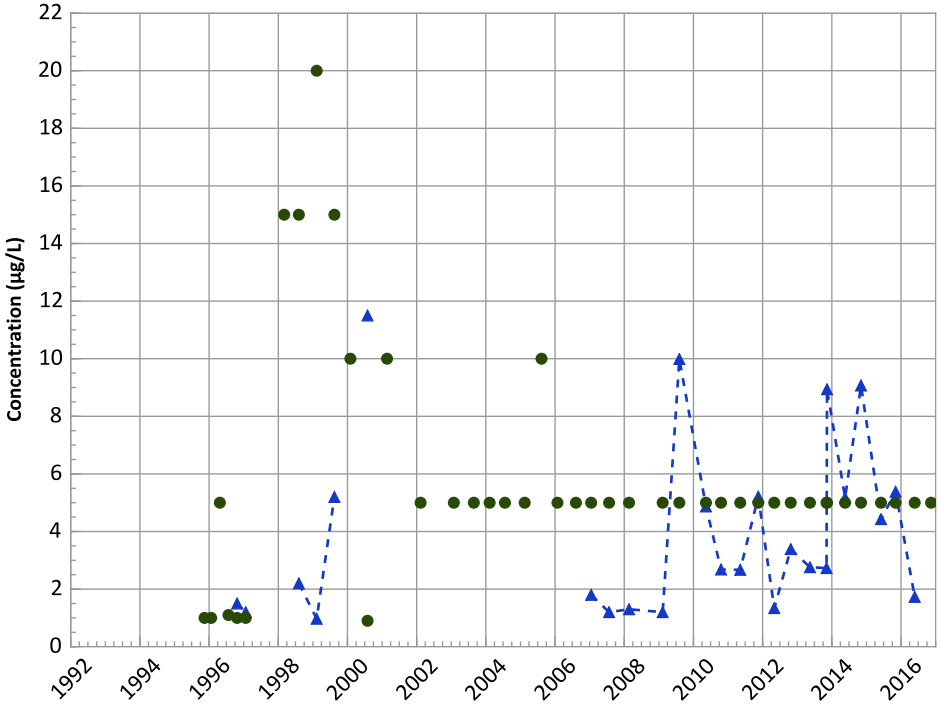


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Manganese Trend



Concentration Trend

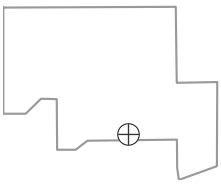
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

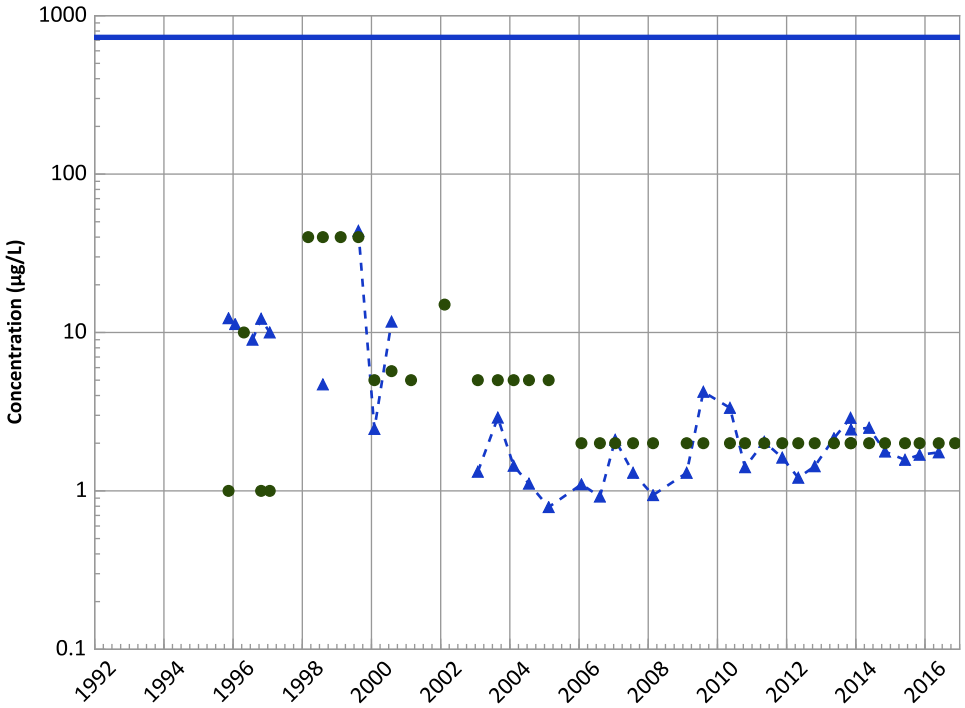
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

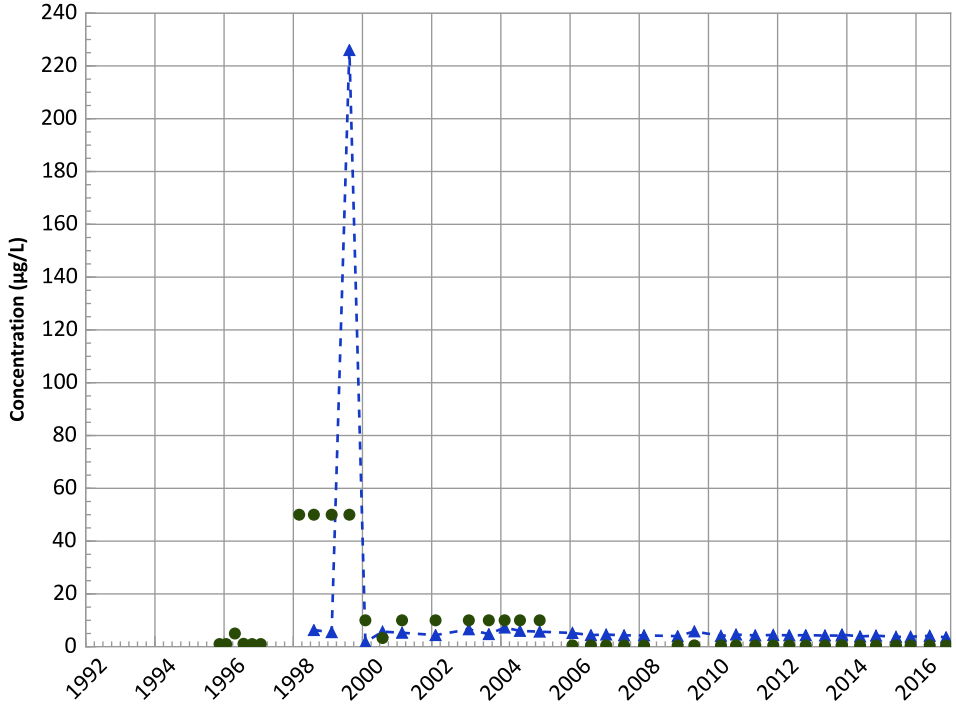


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Molybdenum Trend



Concentration Trend

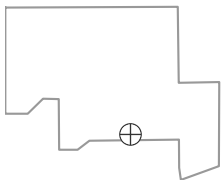
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

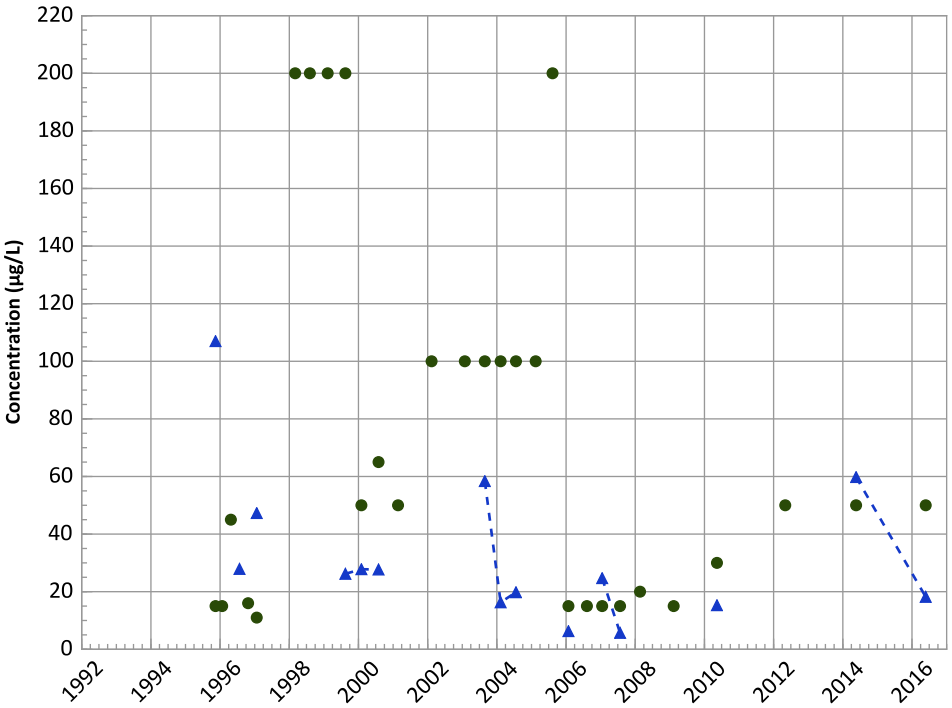
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

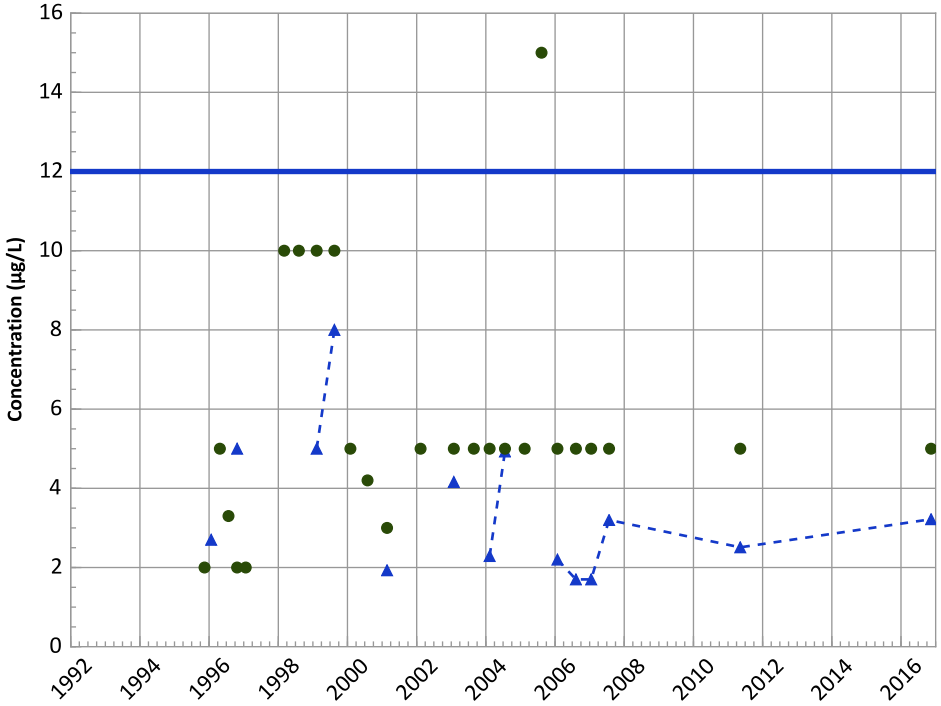


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

Arsenic Trend



Concentration Trend

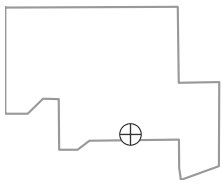
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

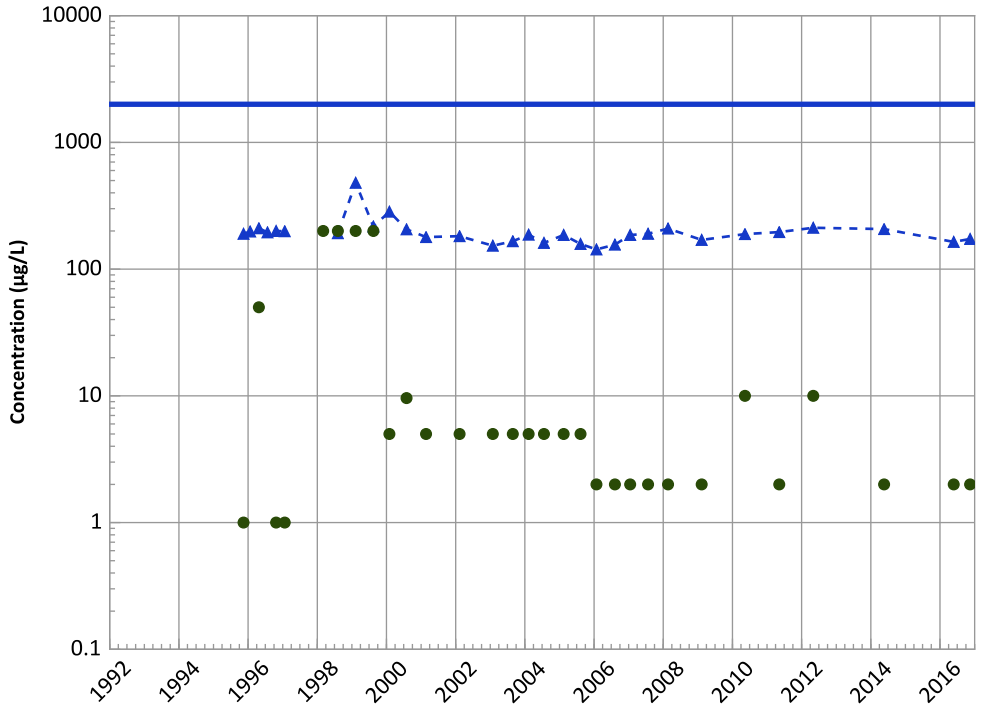
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

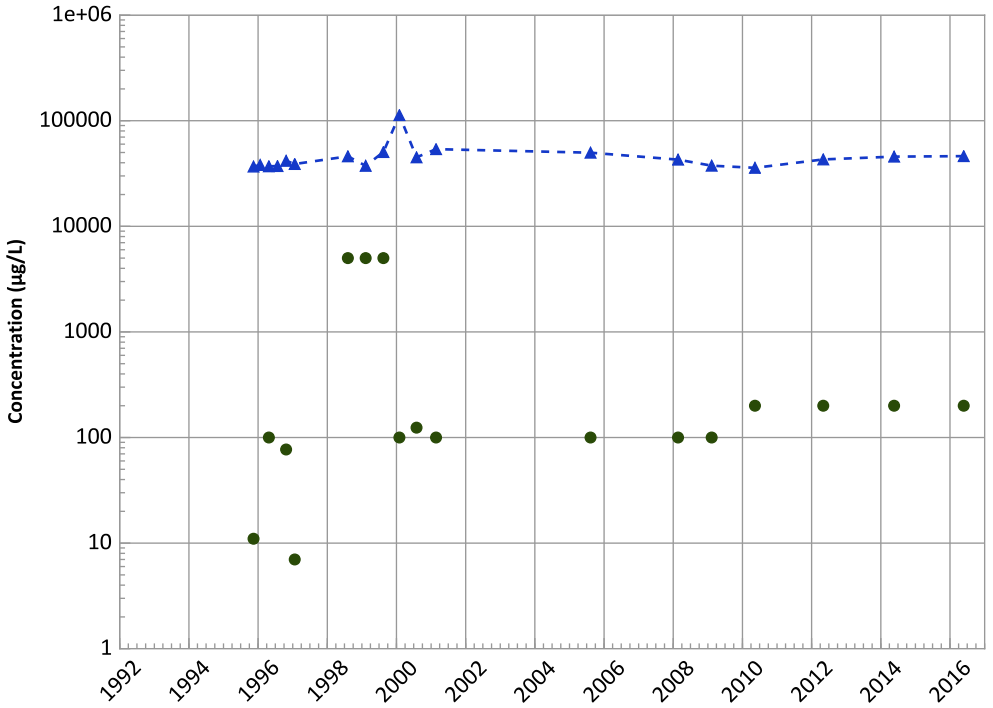


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

Calcium Trend



Concentration Trend

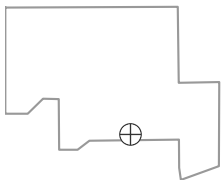
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

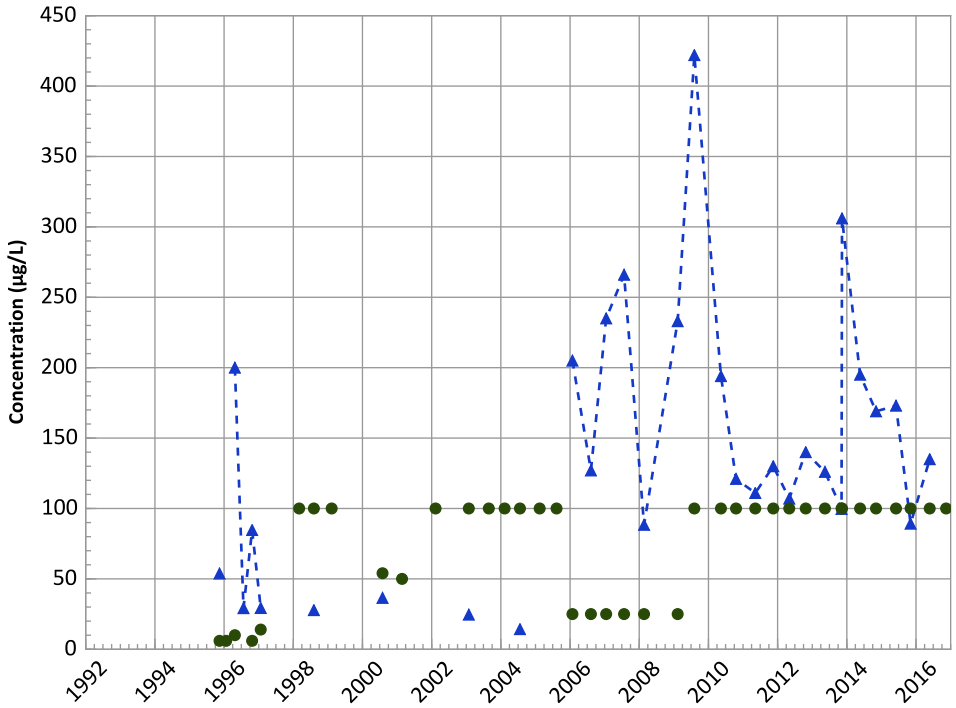
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

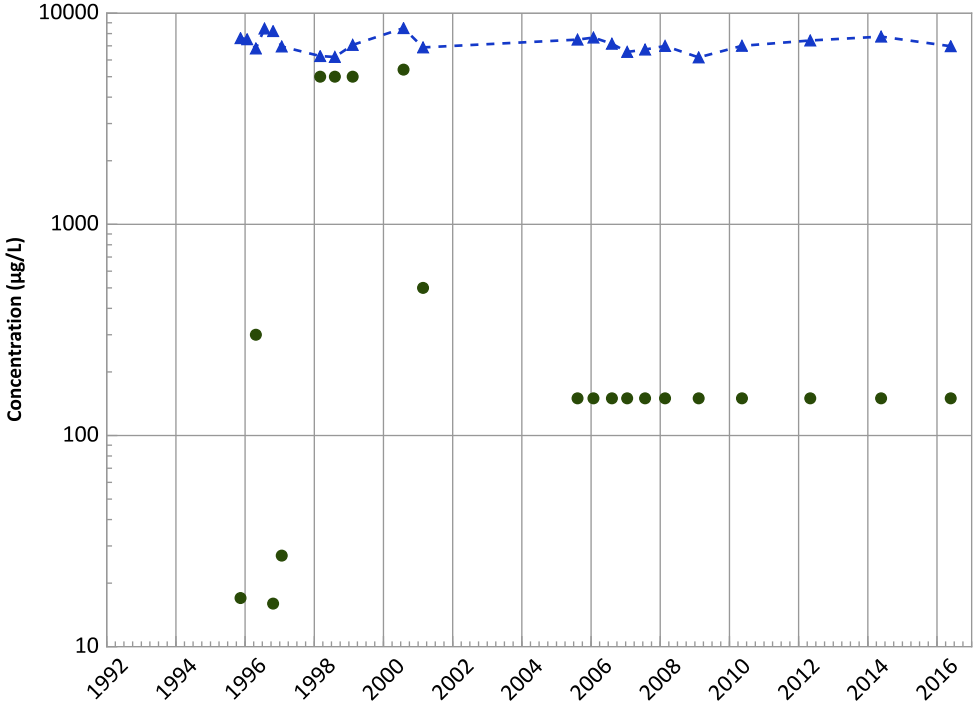


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Potassium Trend



Concentration Trend

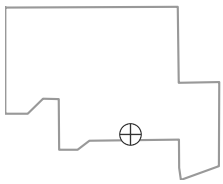
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

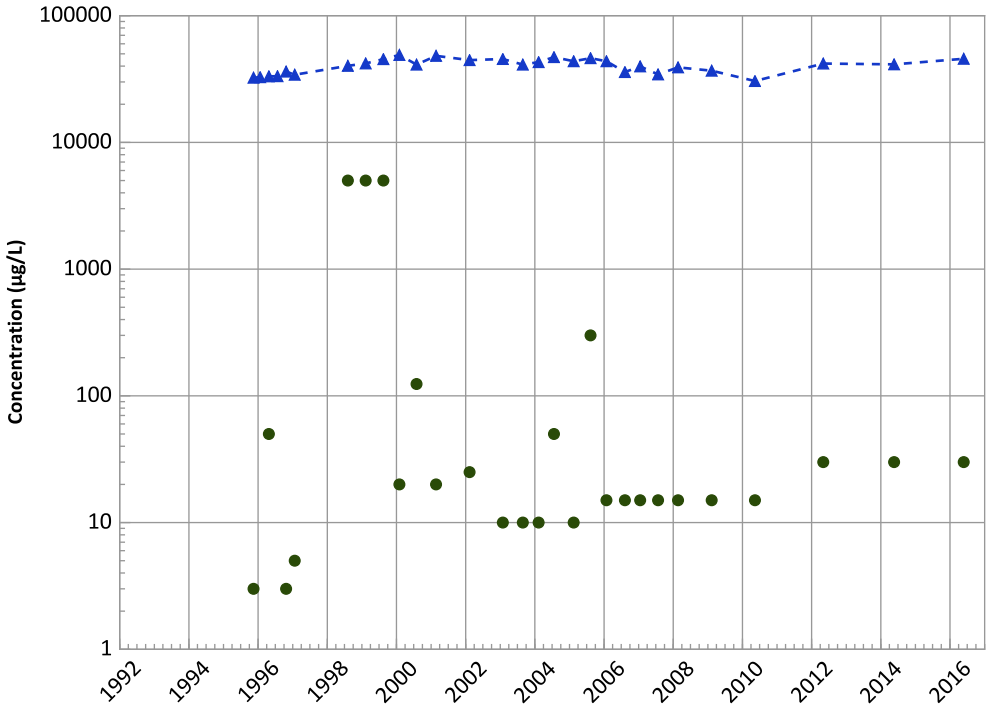
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

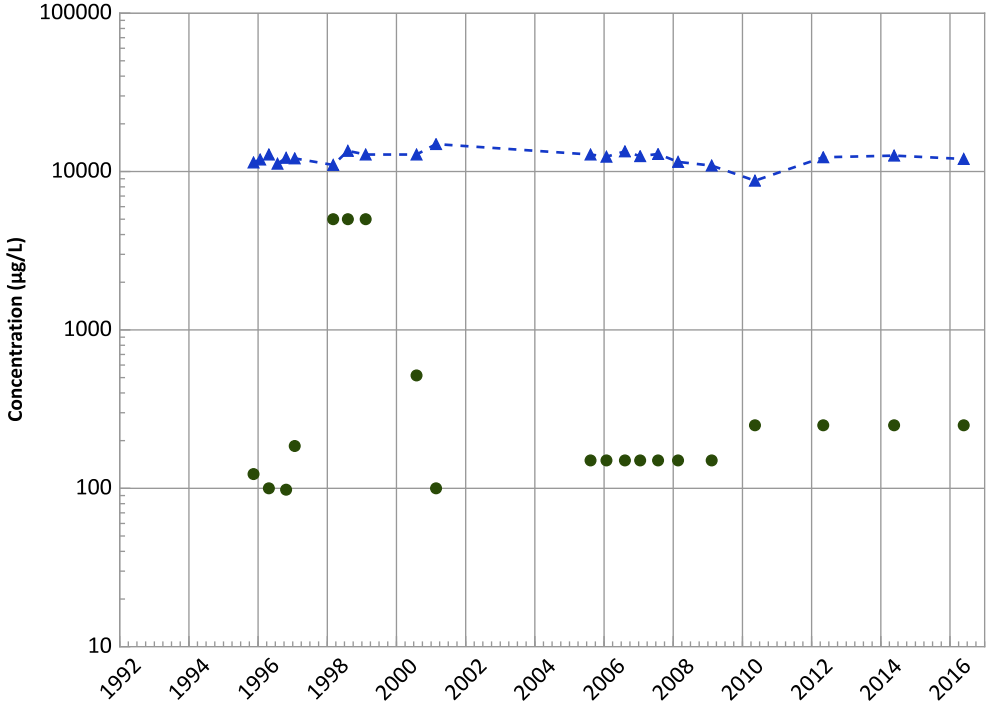


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
No Trend

Sodium Trend



Concentration Trend

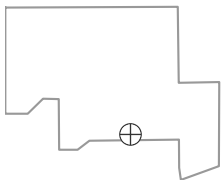
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

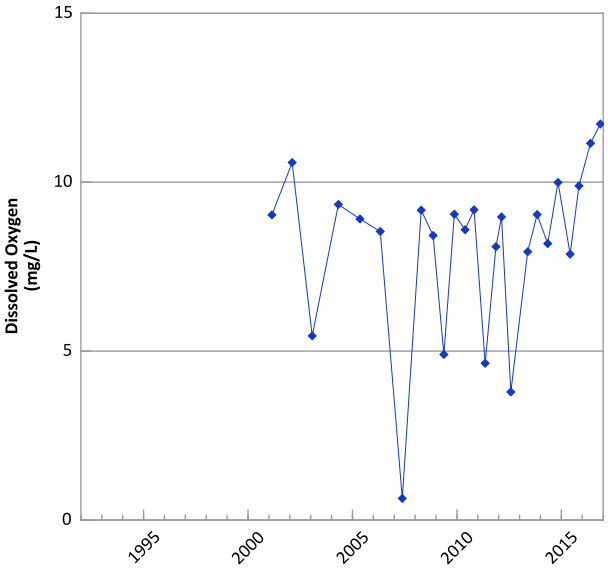
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

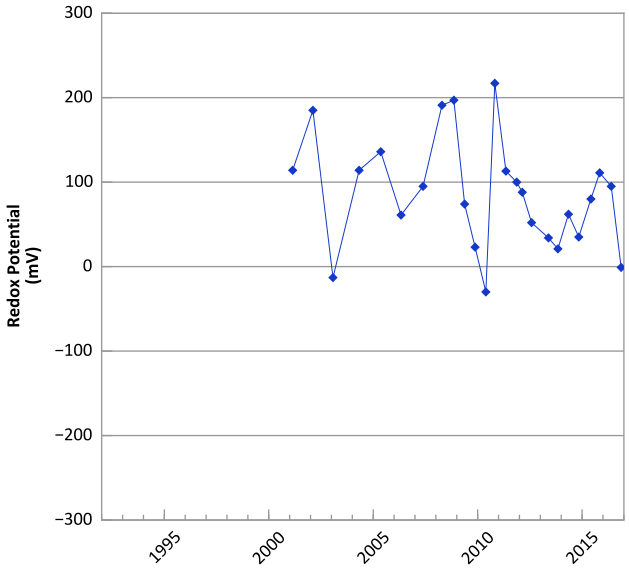
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

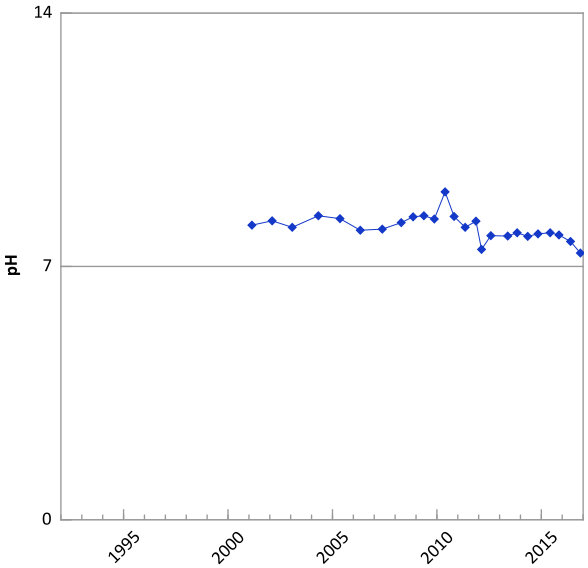
Well Location

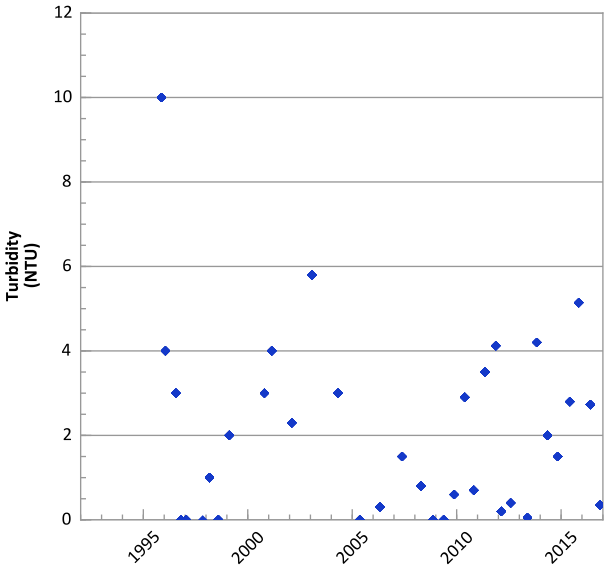


PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



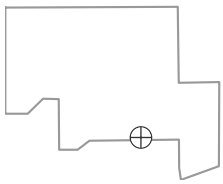






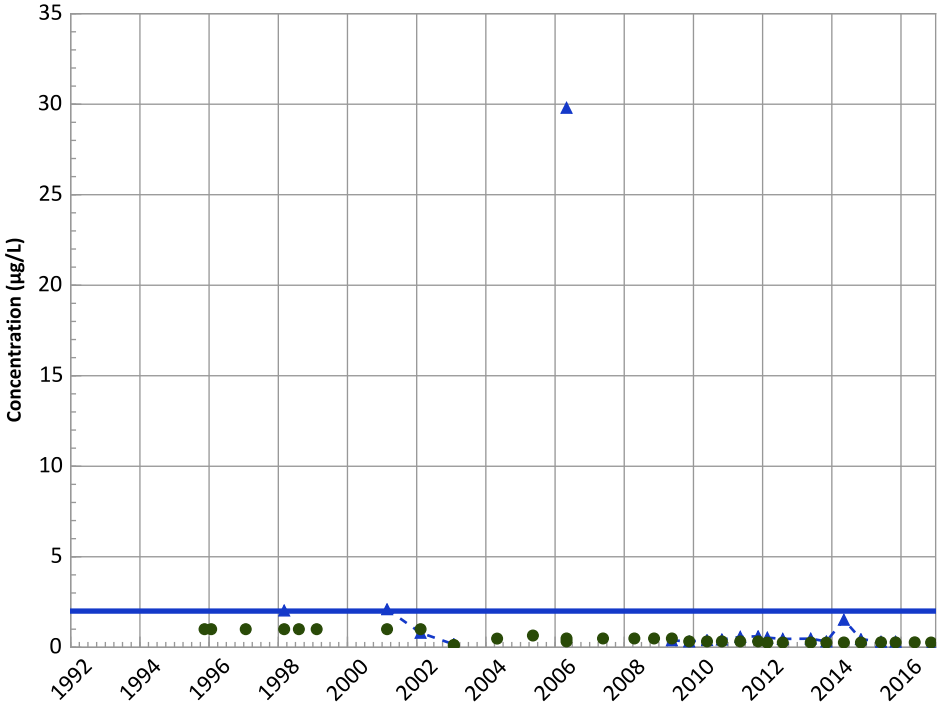
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

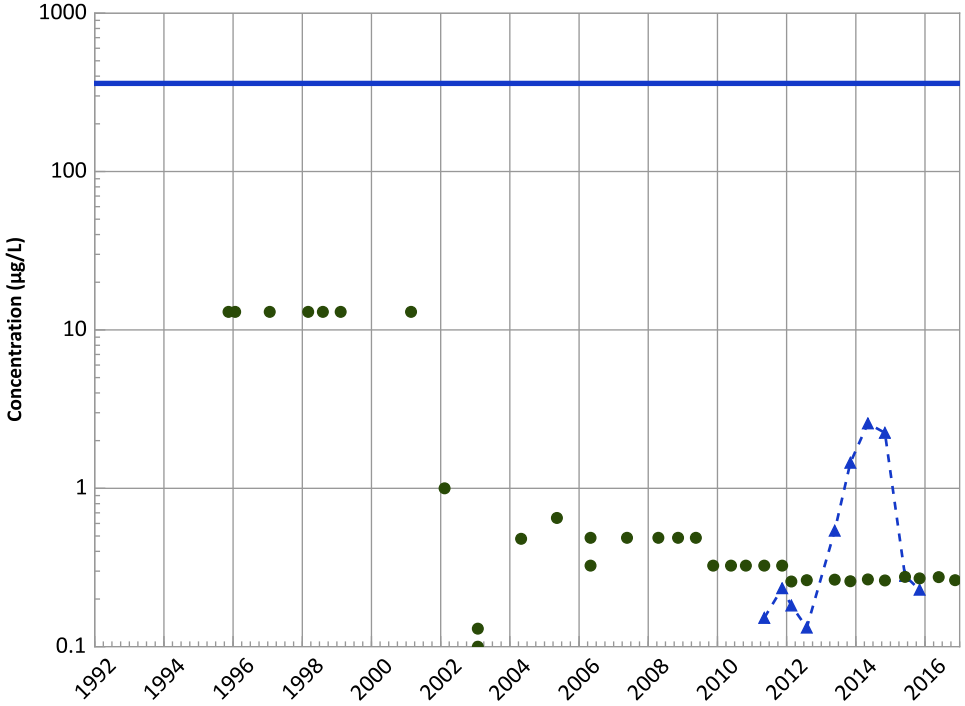


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

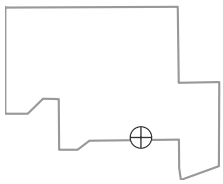
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

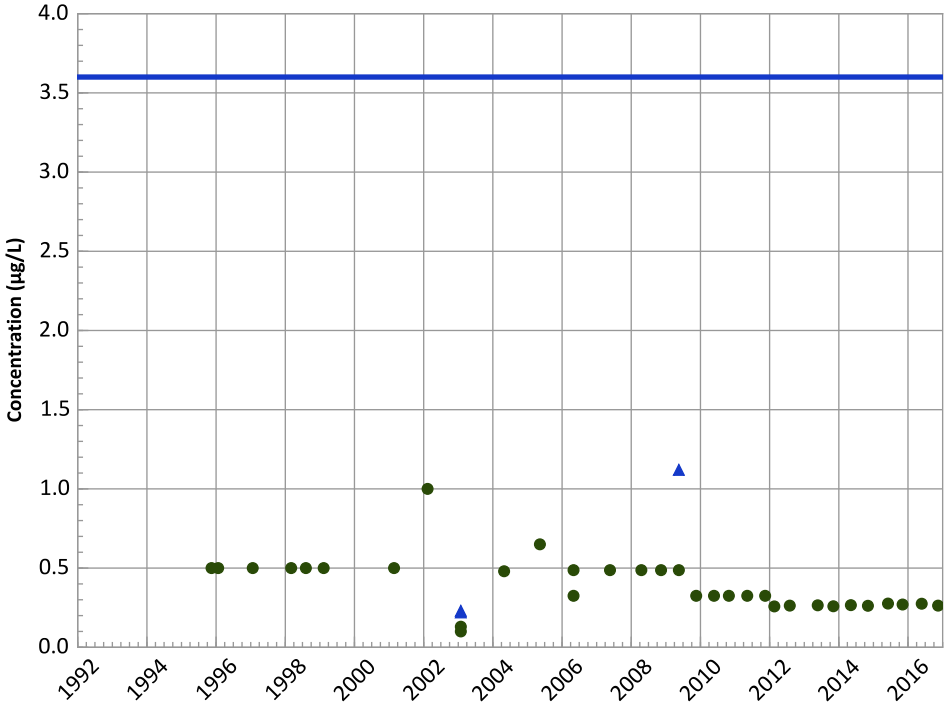
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

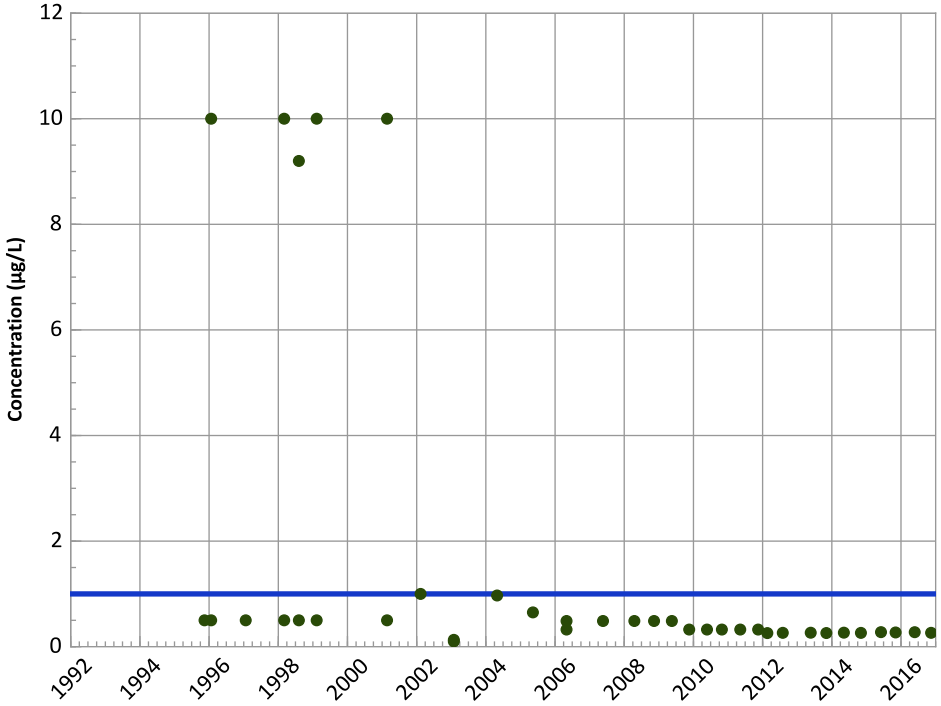


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

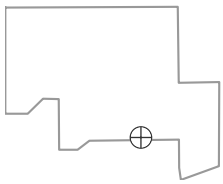
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

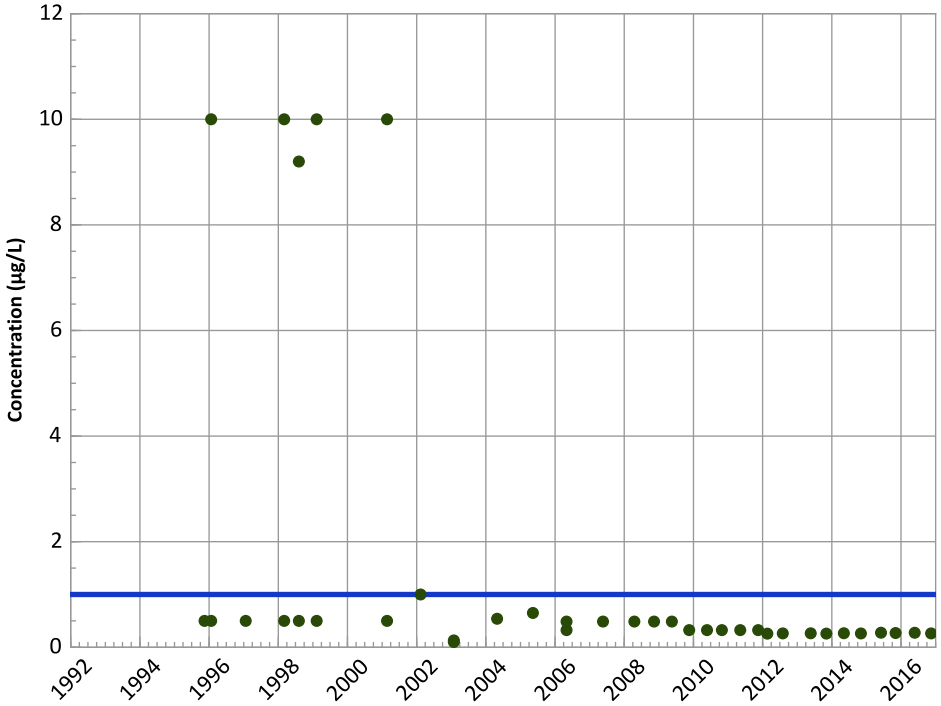
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

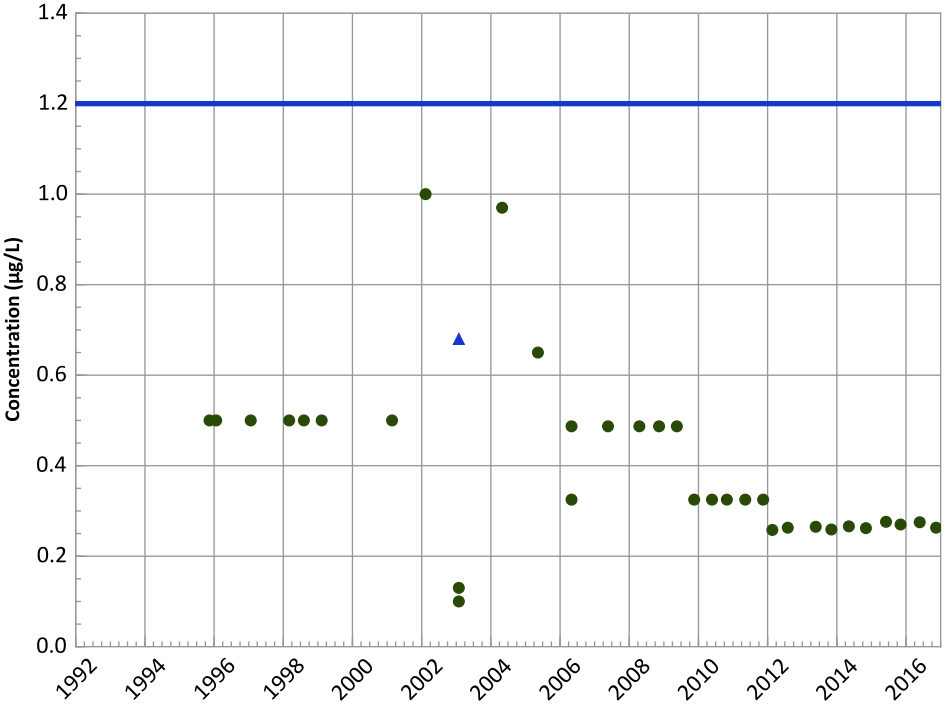


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

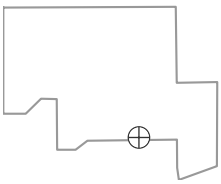
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

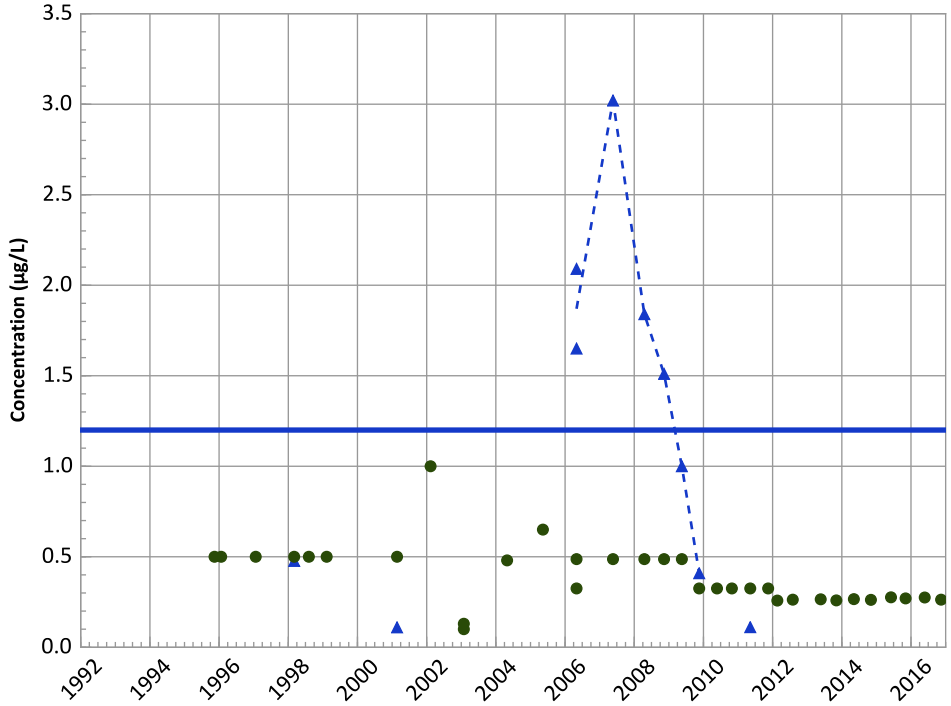
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

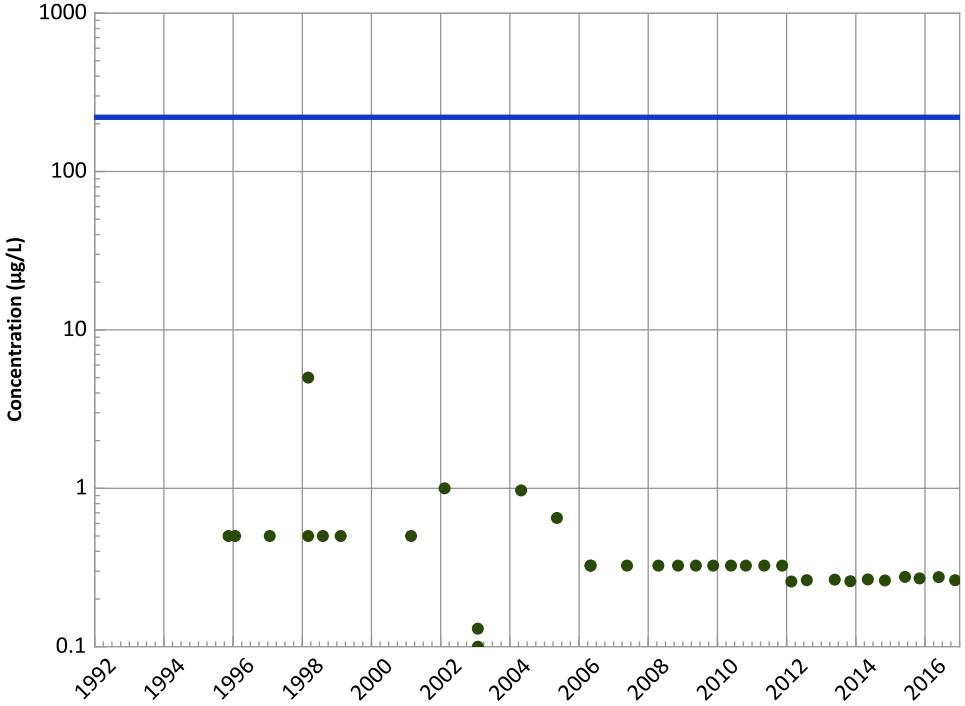


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

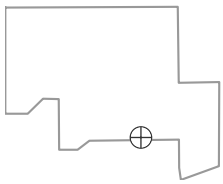
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

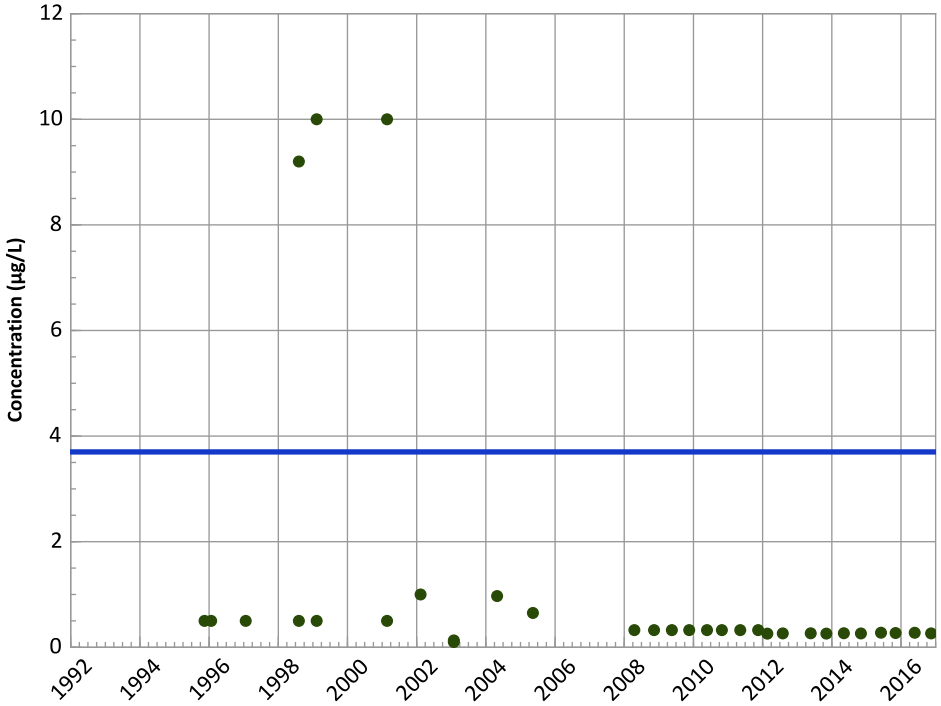
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

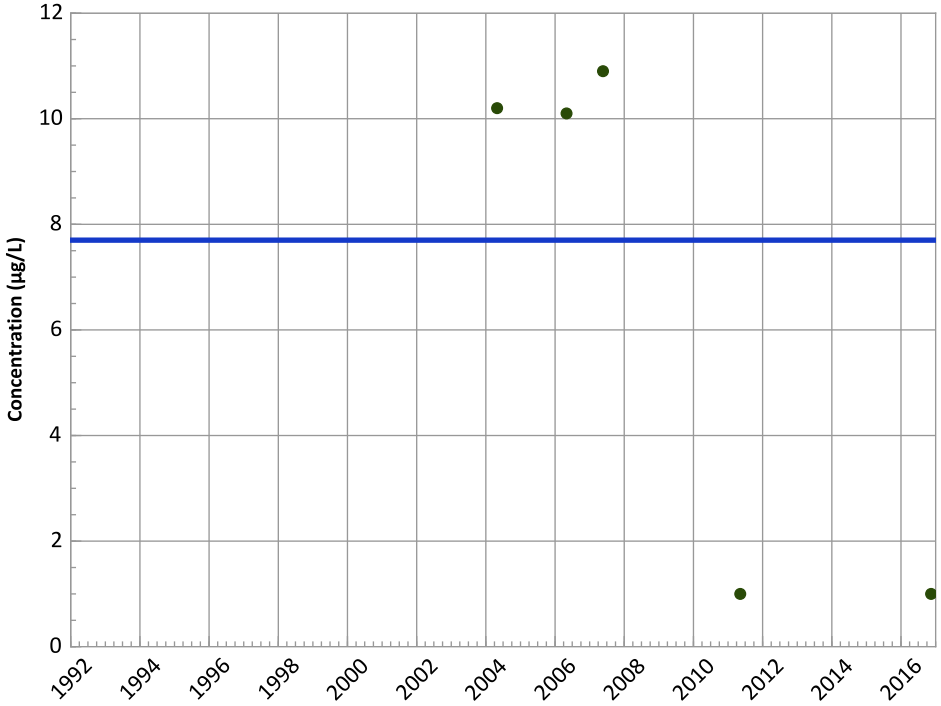


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

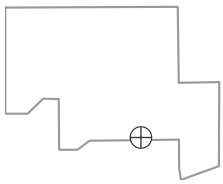
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

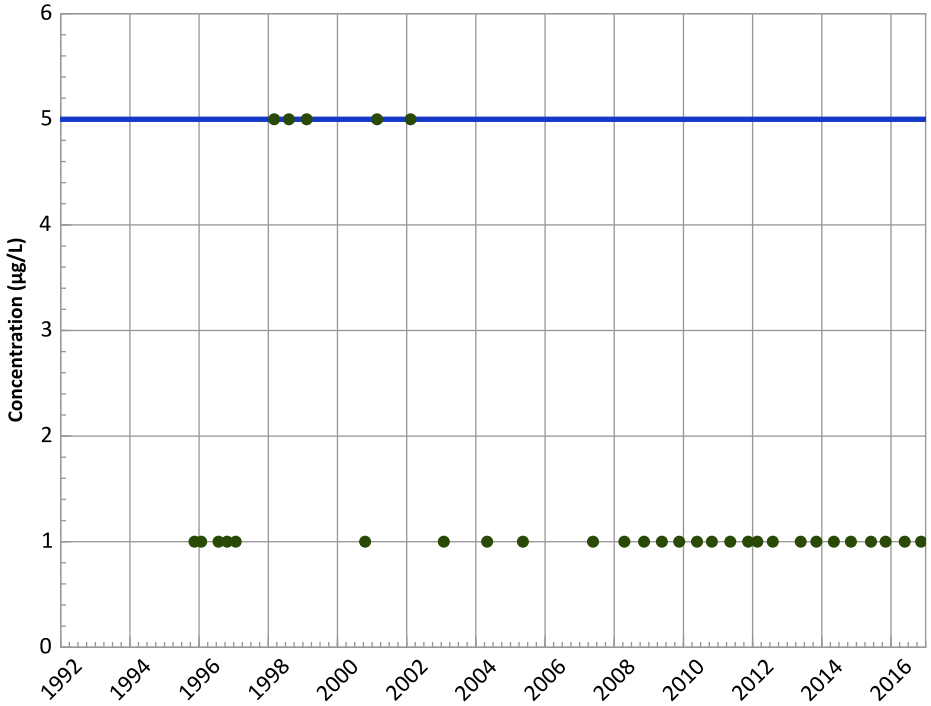
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

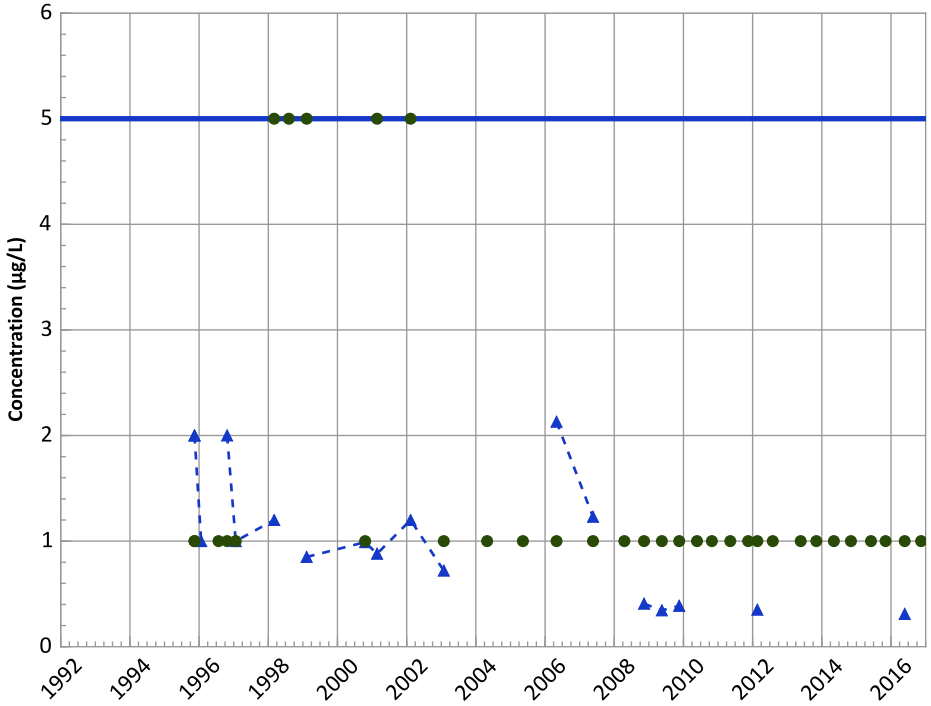


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

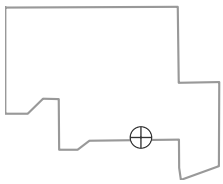
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

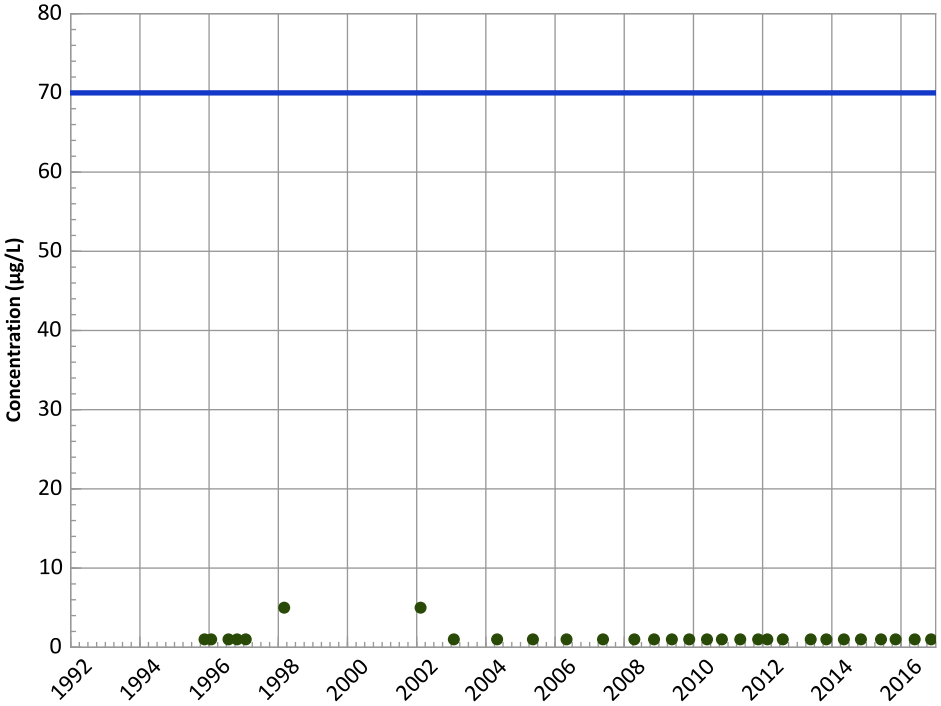
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

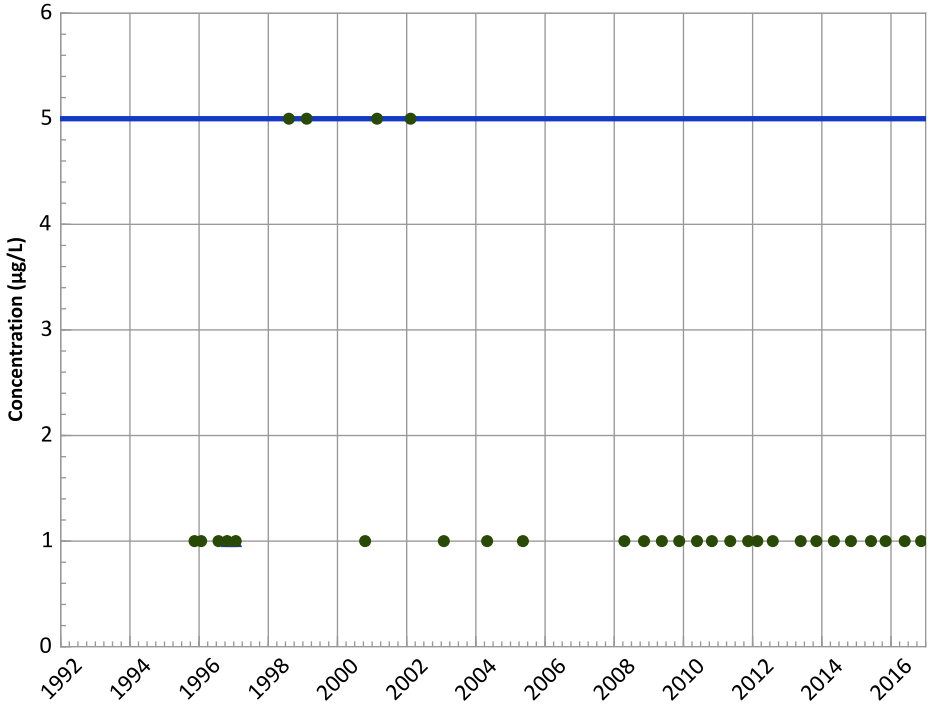


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

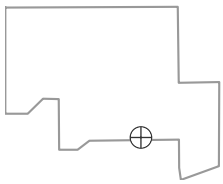
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

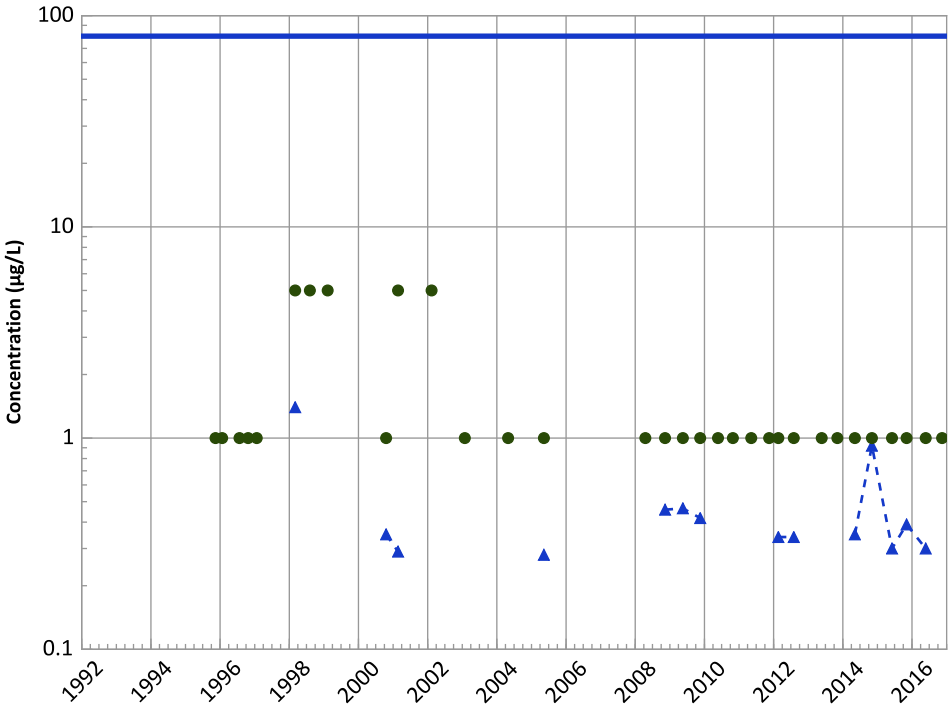
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

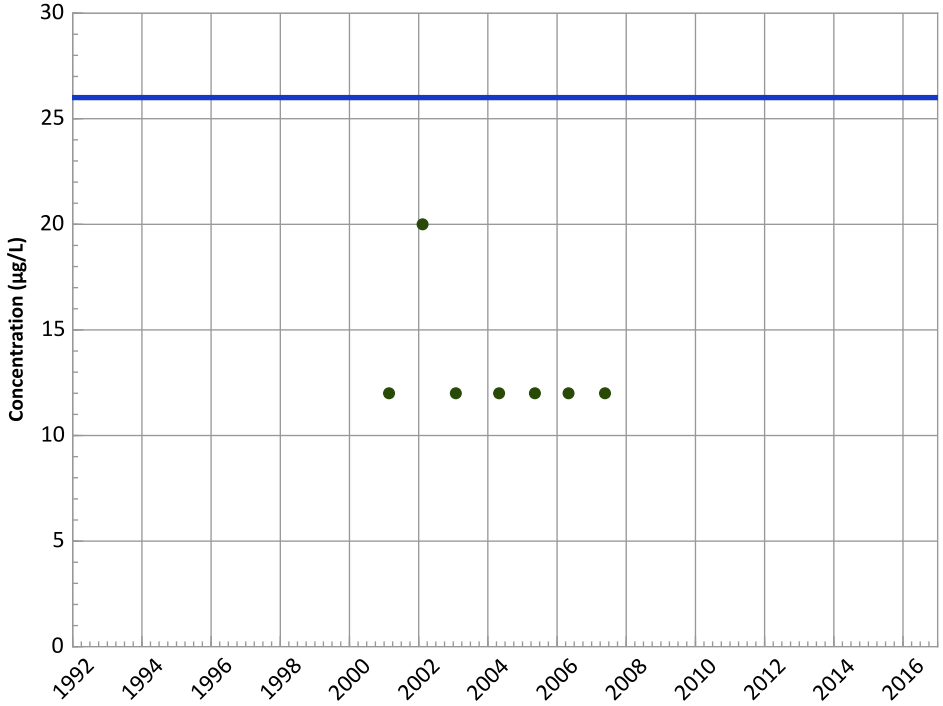


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Perchlorate Trend



Concentration Trend

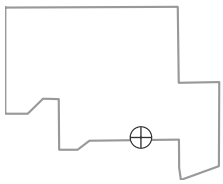
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

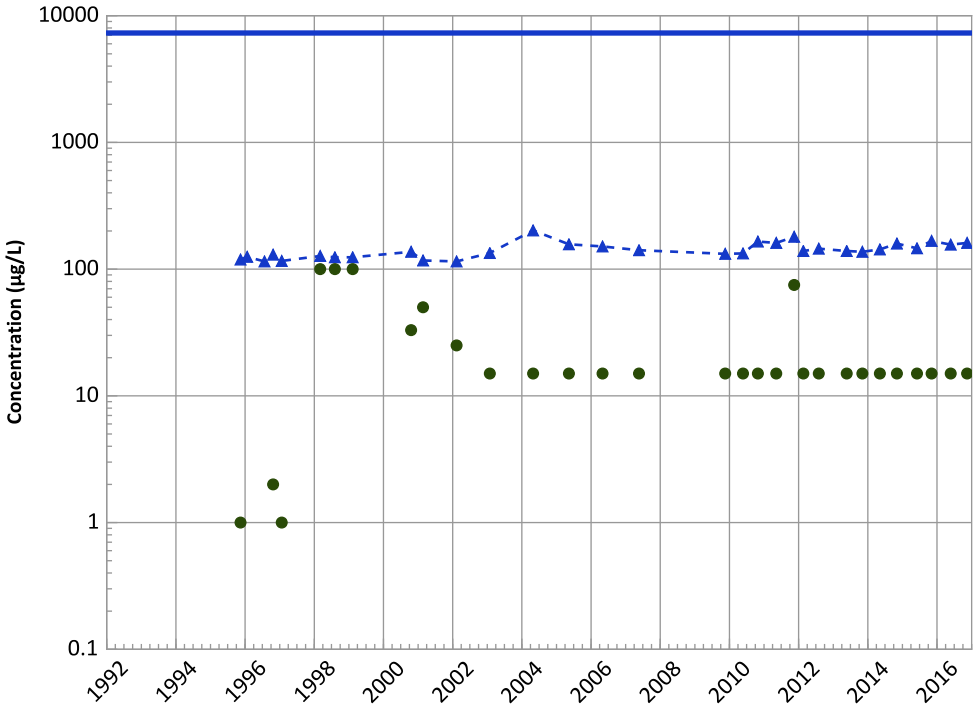
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

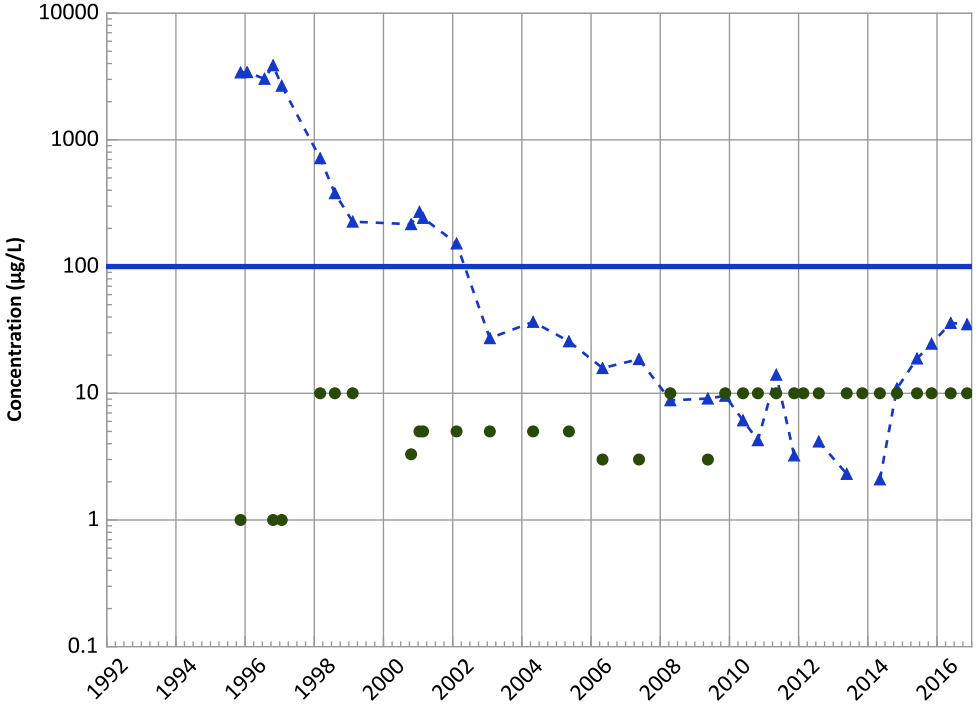


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Chromium, Total Trend



Concentration Trend

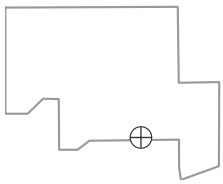
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

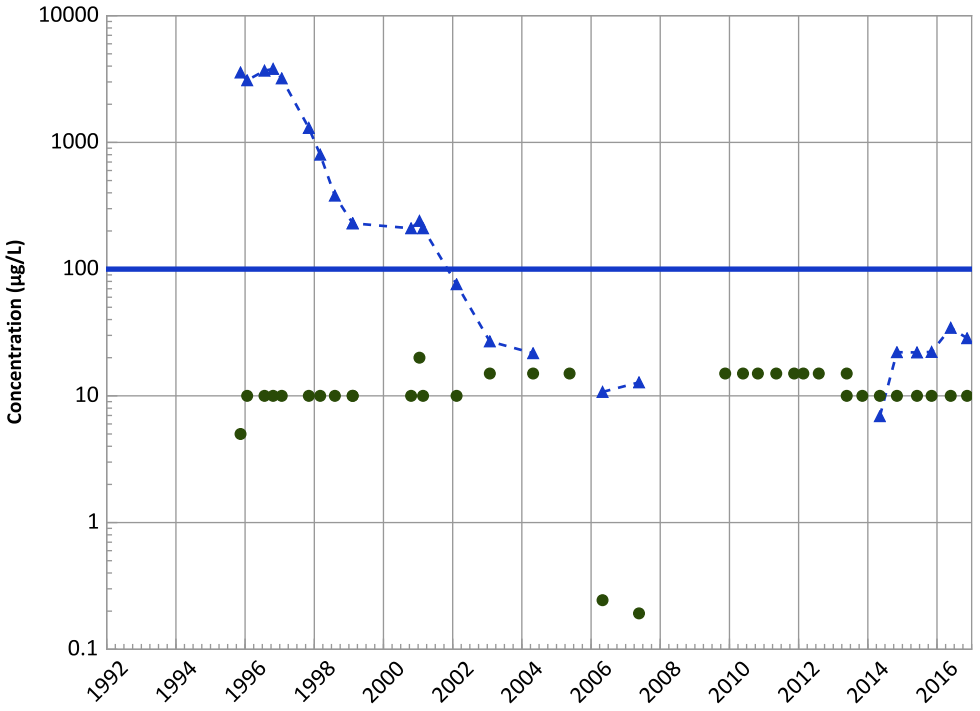
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

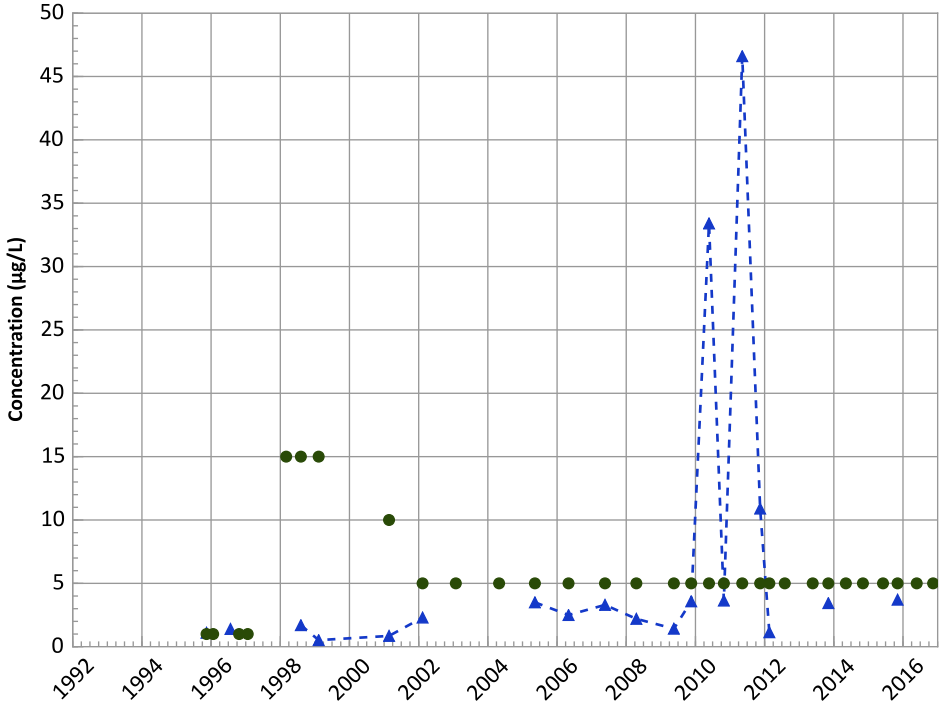


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Manganese Trend



Concentration Trend

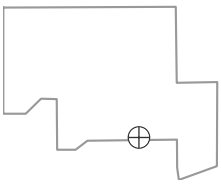
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

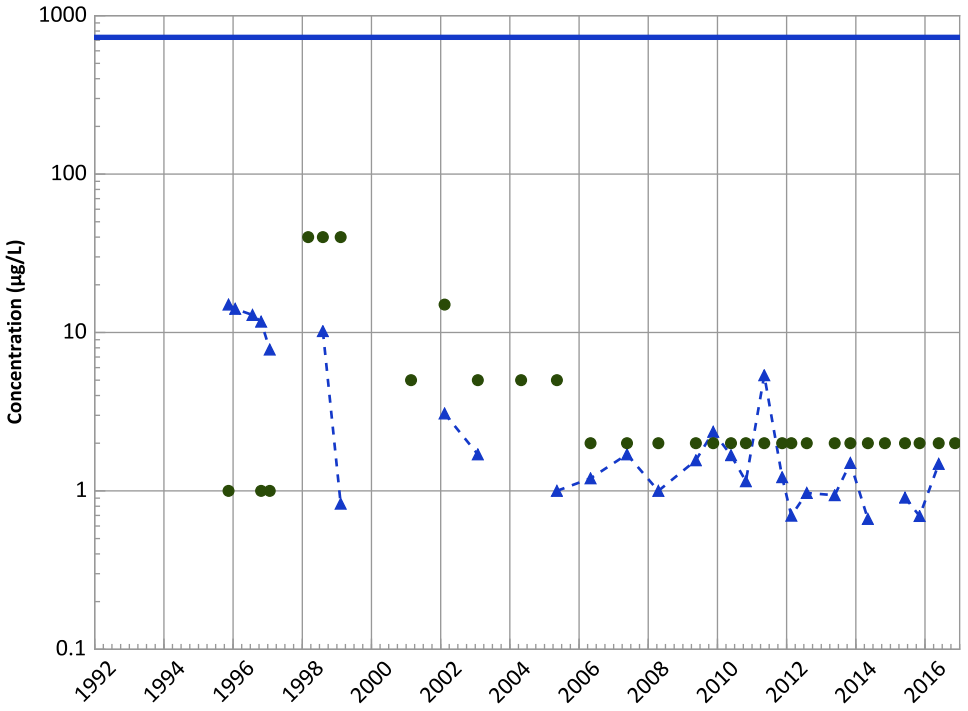
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

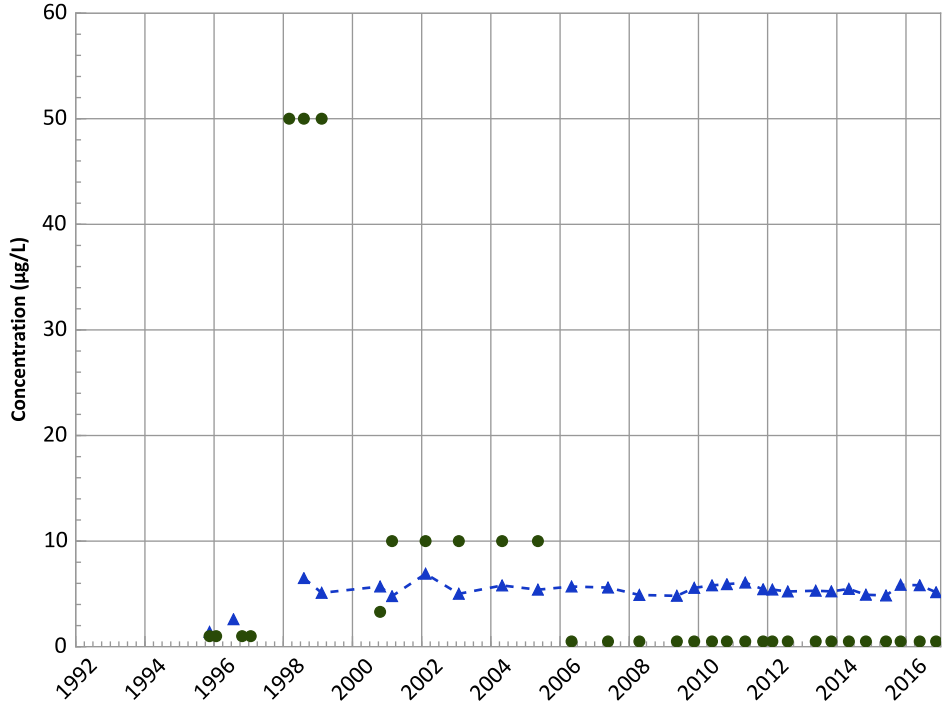


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Molybdenum Trend



Concentration Trend

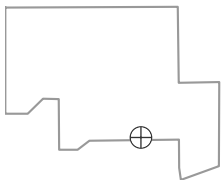
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

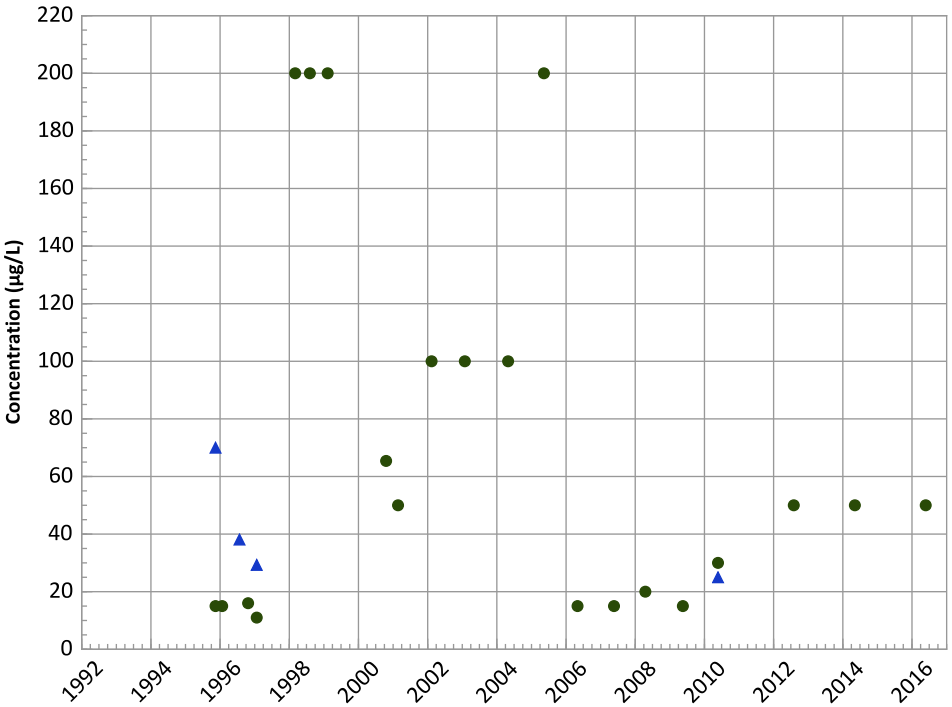
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

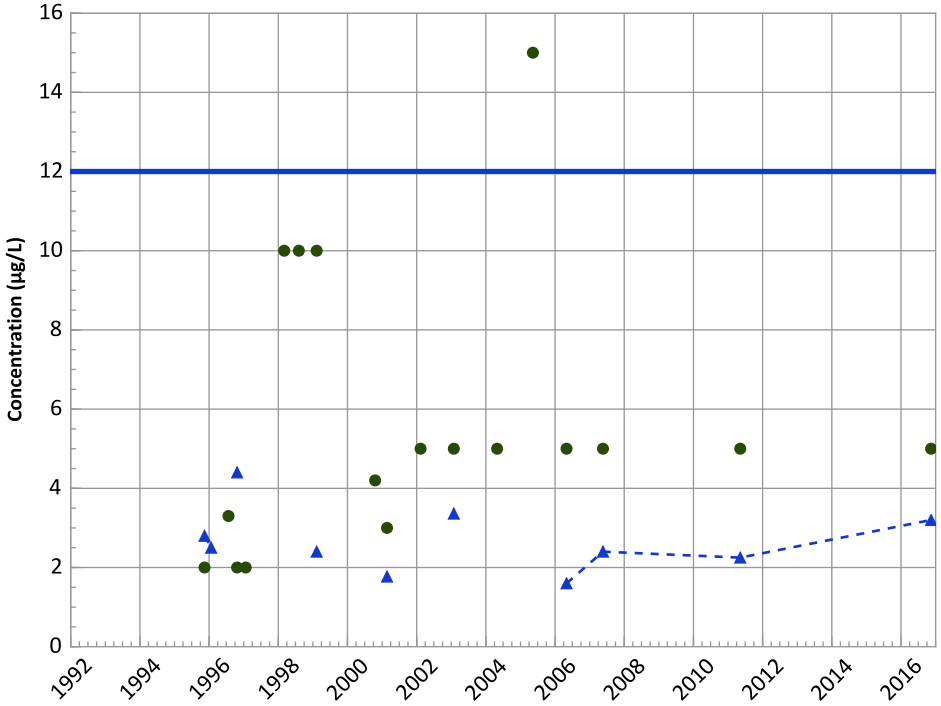


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Arsenic Trend



Concentration Trend

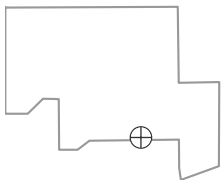
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

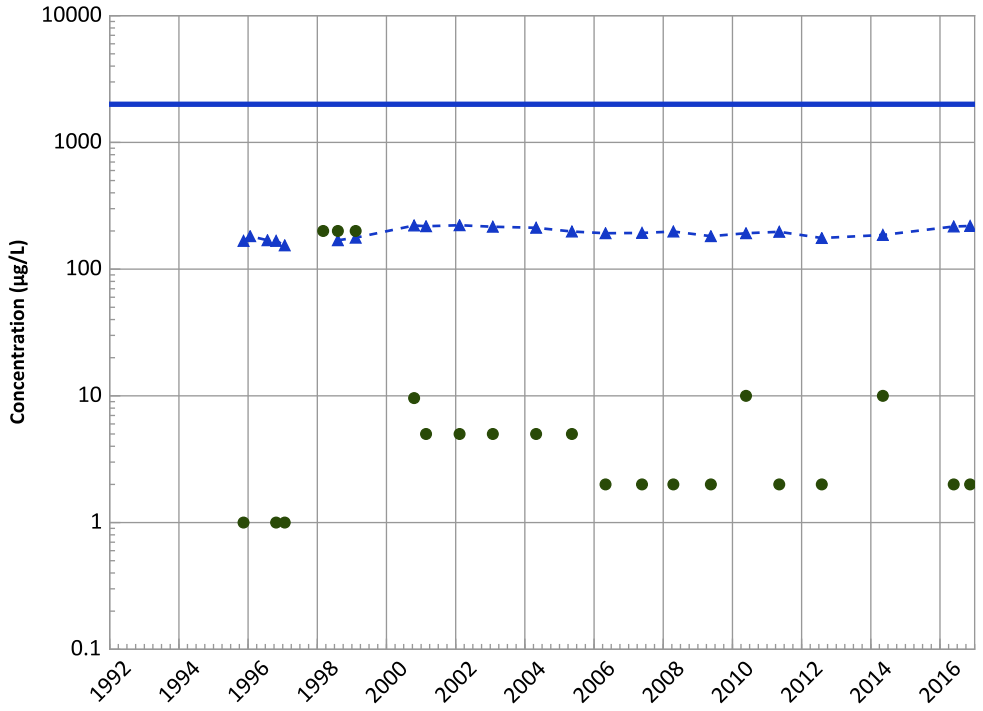
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

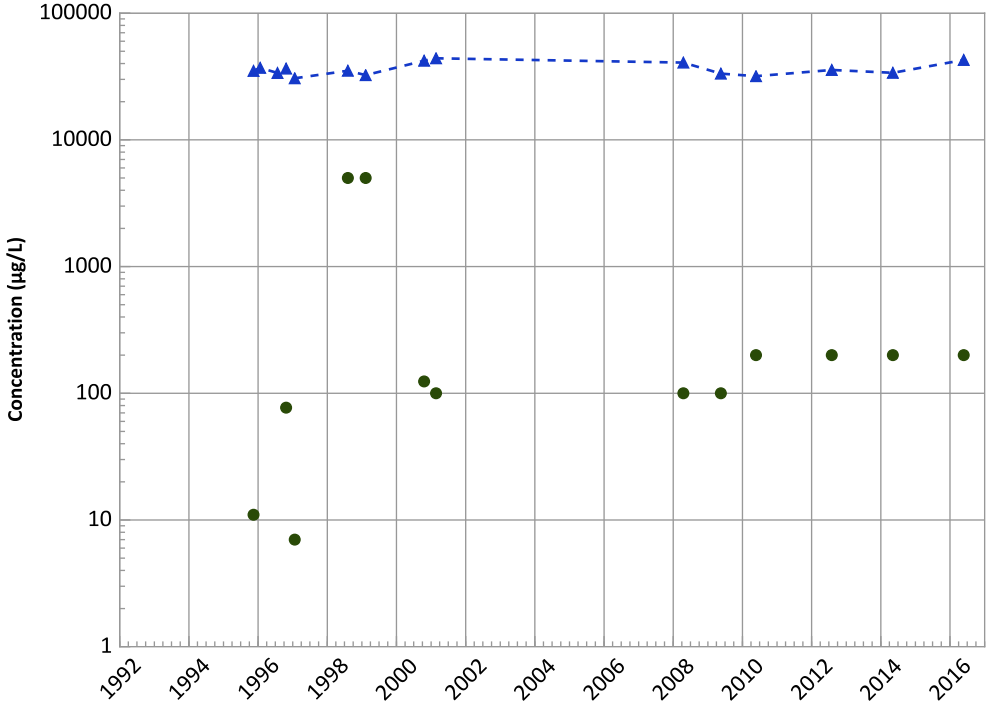


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

Calcium Trend



Concentration Trend

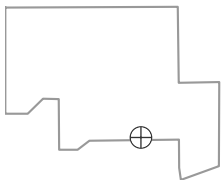
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

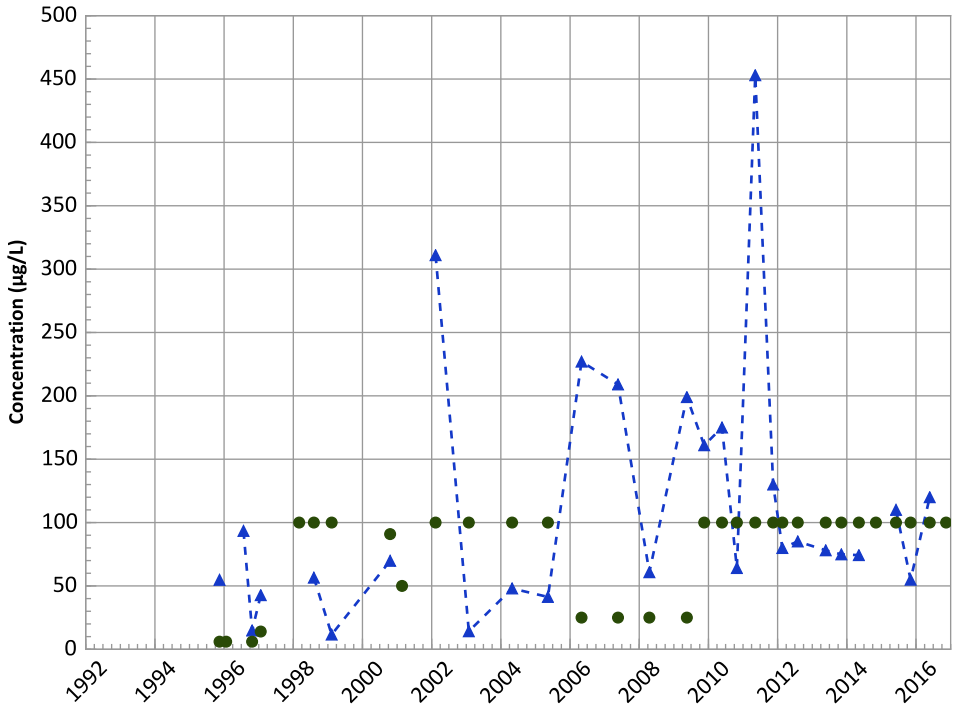
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

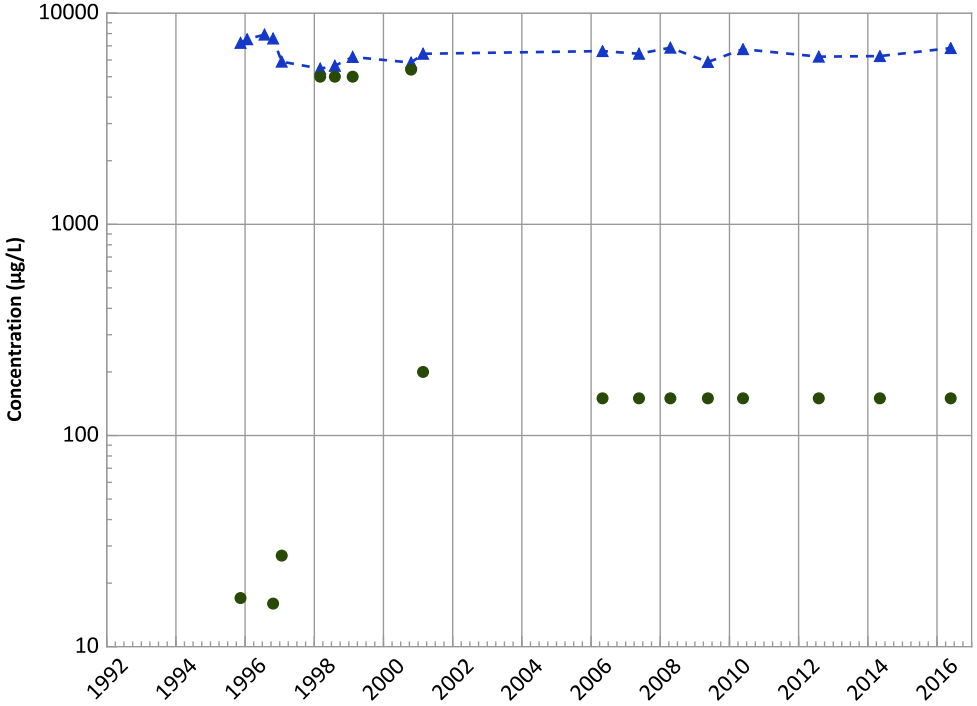


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Increasing

Potassium Trend



Concentration Trend

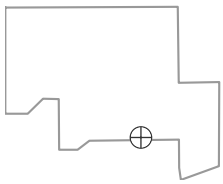
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

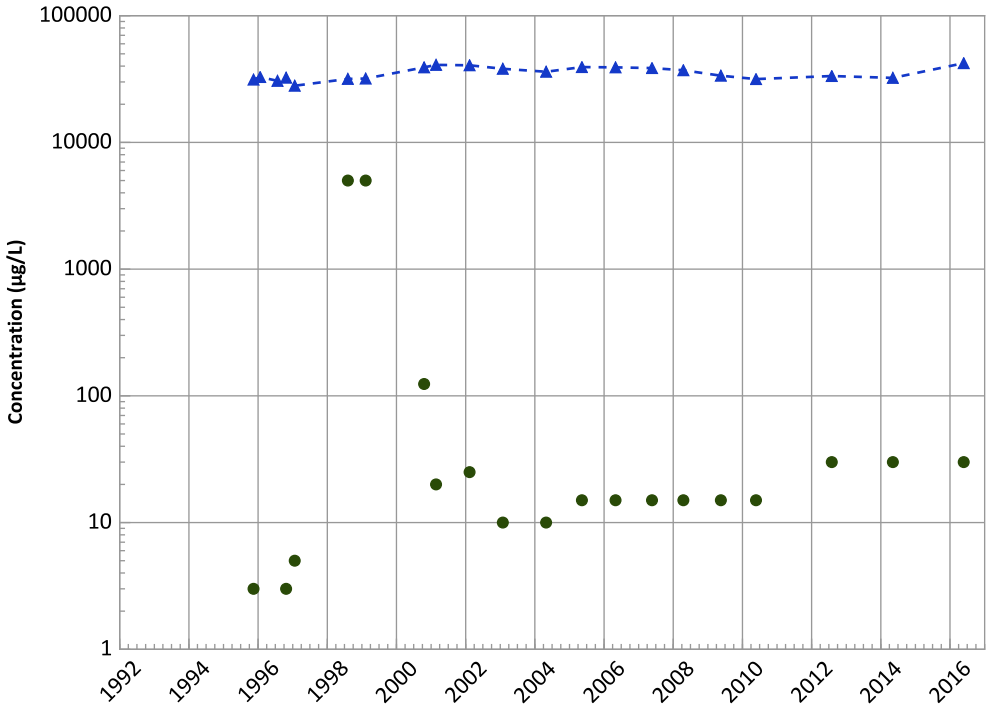
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

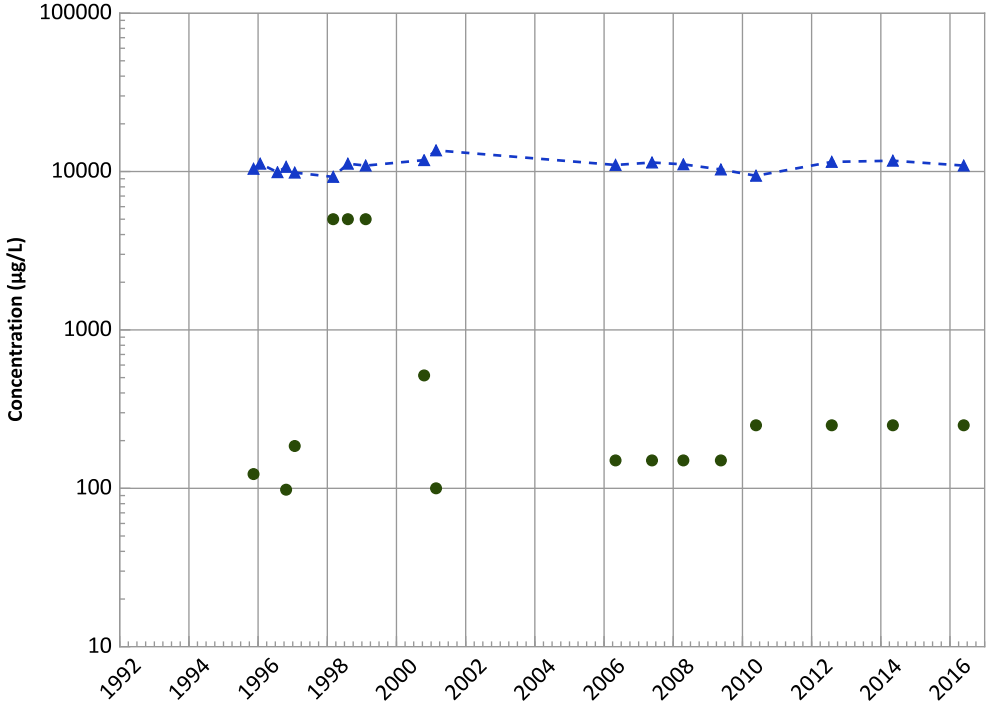


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

Sodium Trend



Concentration Trend

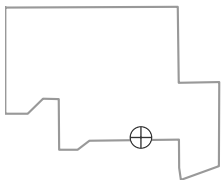
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

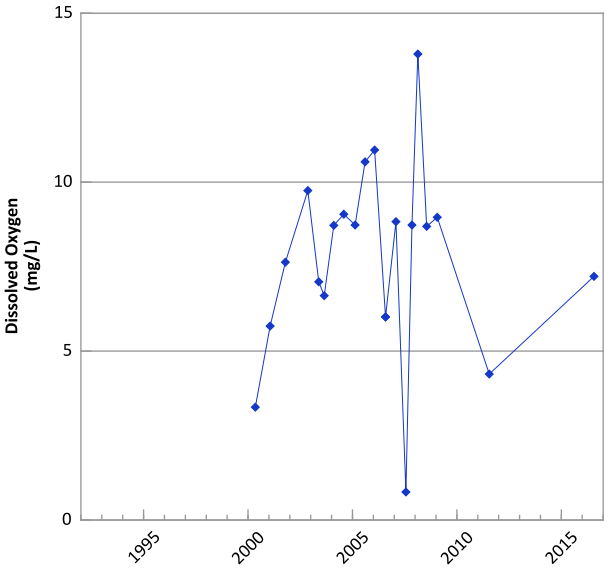
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/14/1995 to 11/14/2016
Analysis Date: 03/07/2017

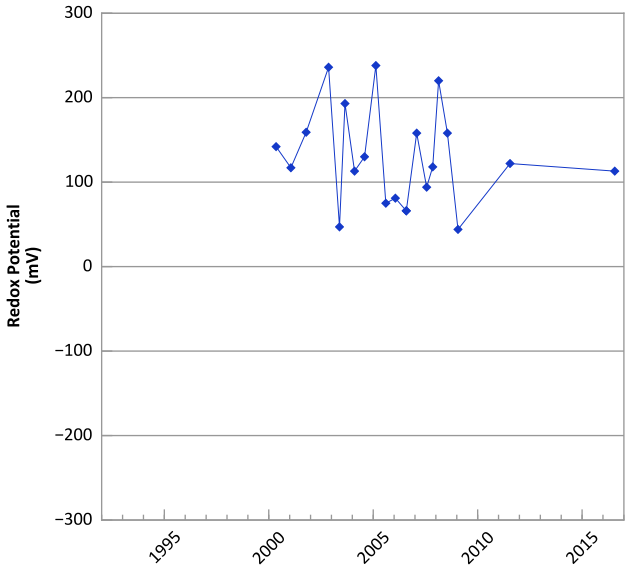
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

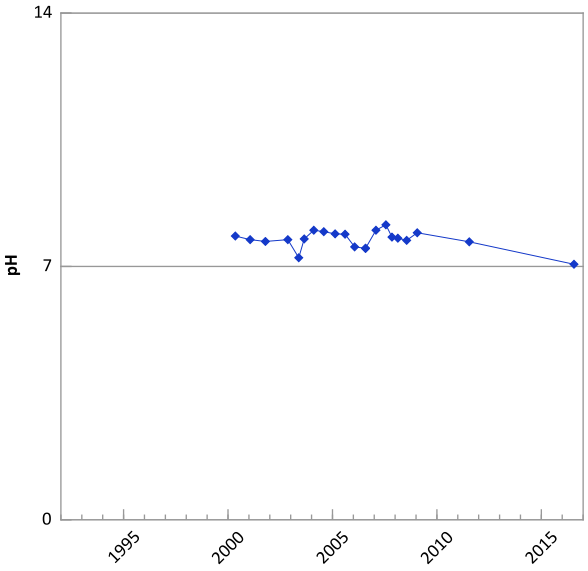
Well Location

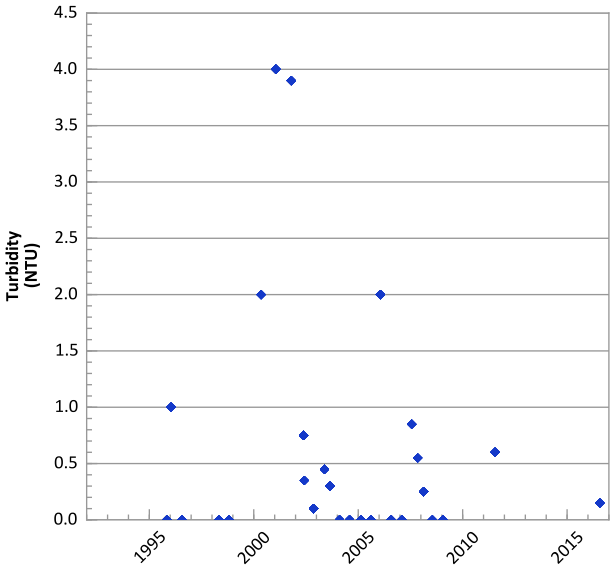


PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



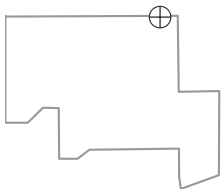






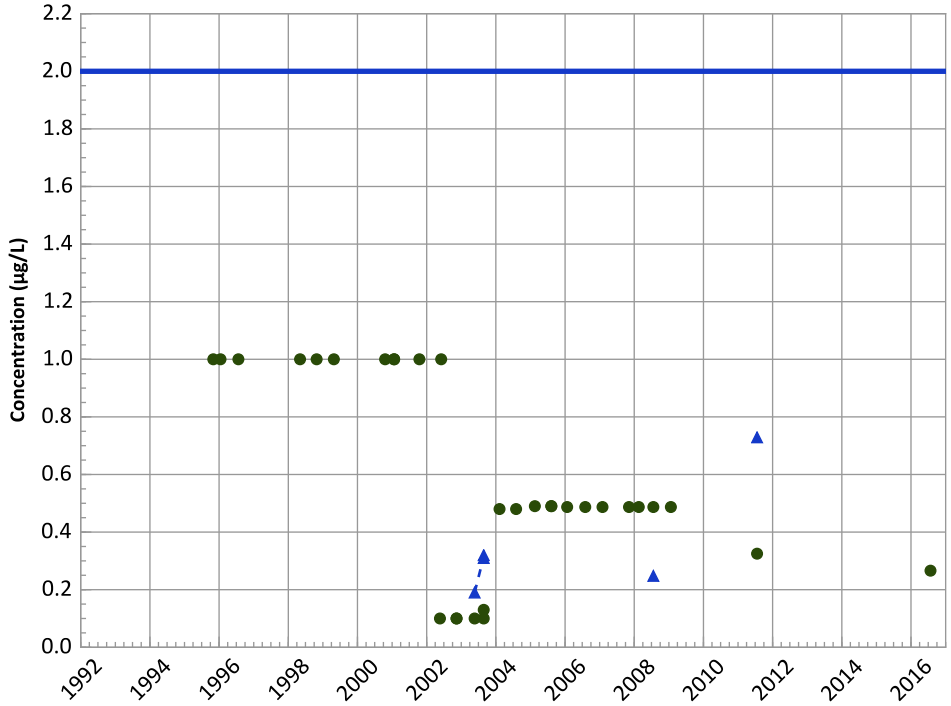
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/25/2016
Analysis Date: 03/07/2017

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

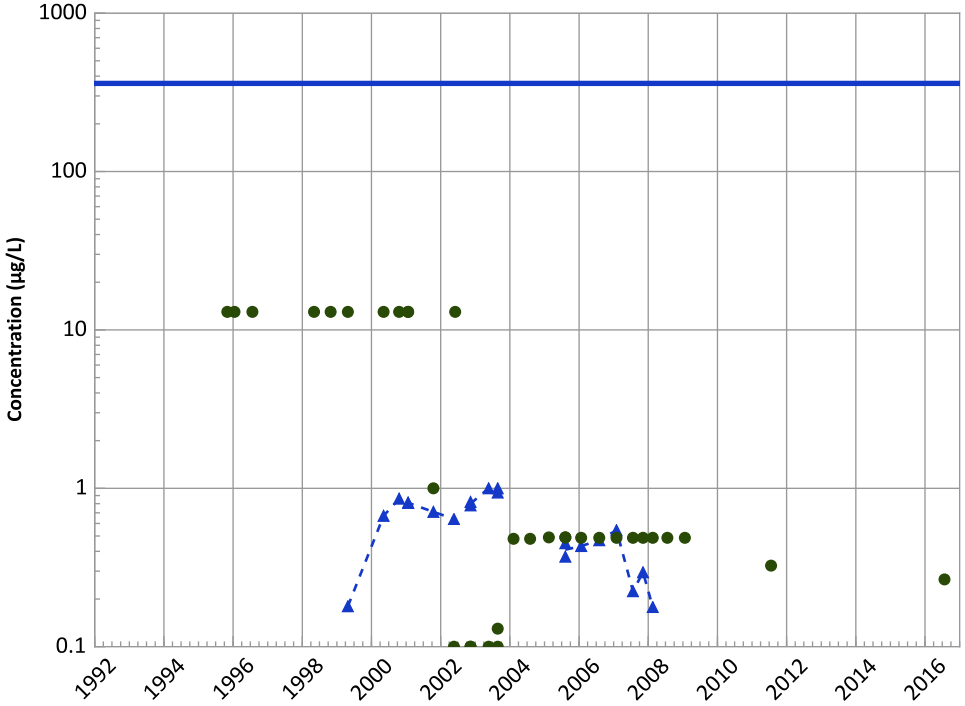


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

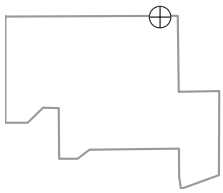
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/25/2016
Analysis Date: 03/07/2017

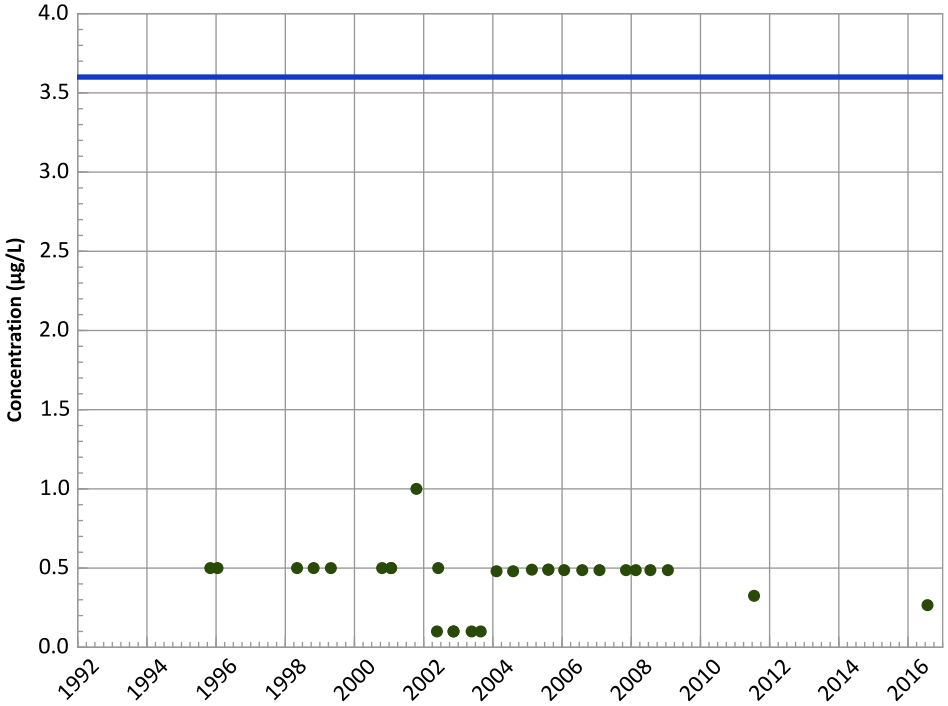
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

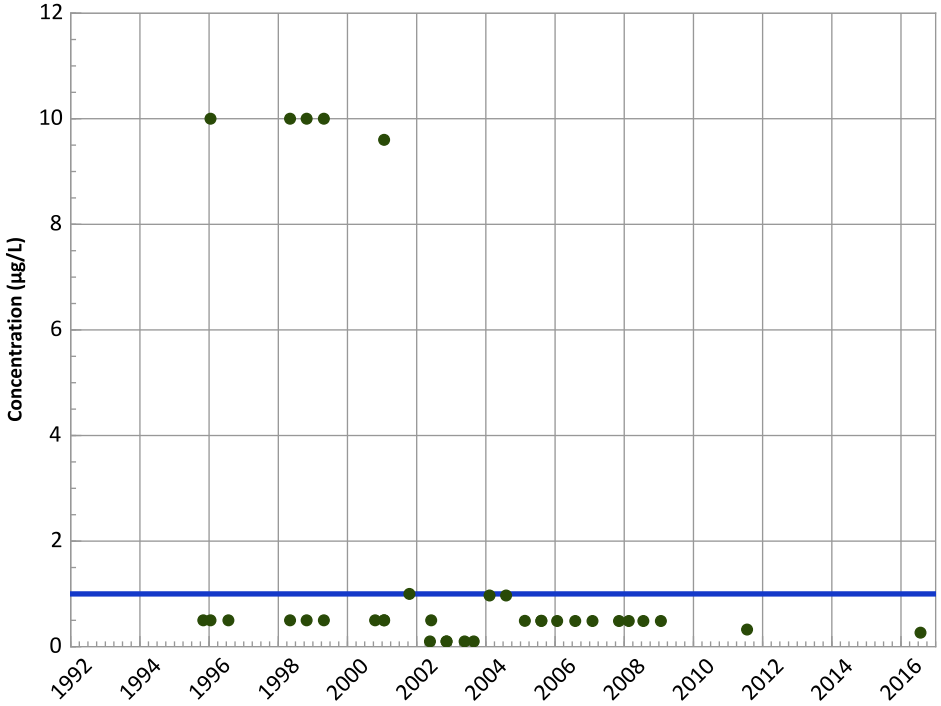


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

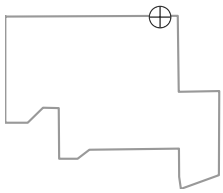
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/25/2016
Analysis Date: 03/07/2017

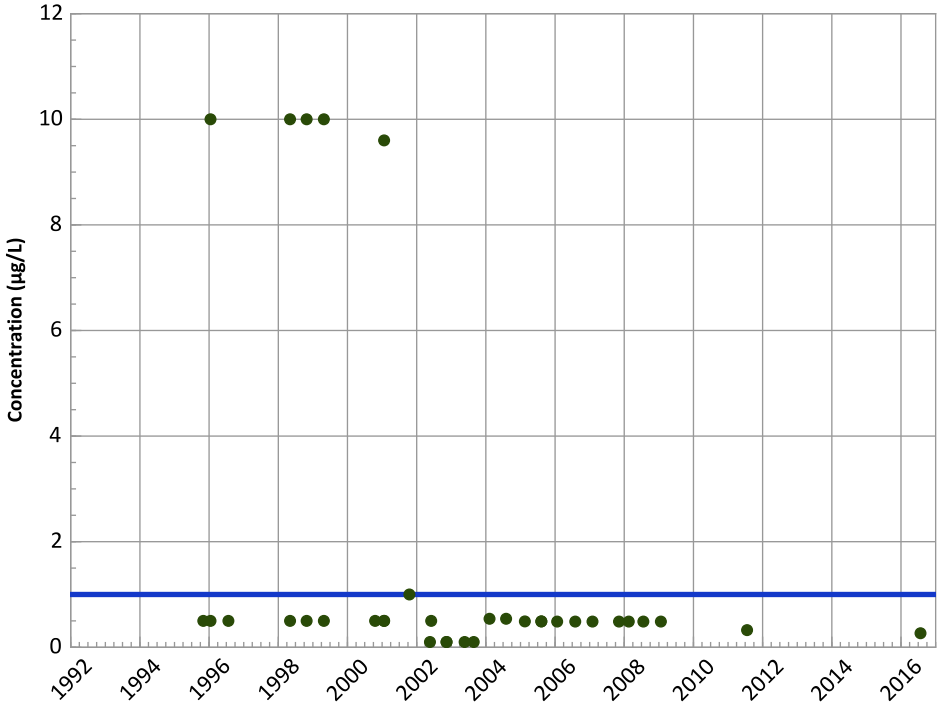
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

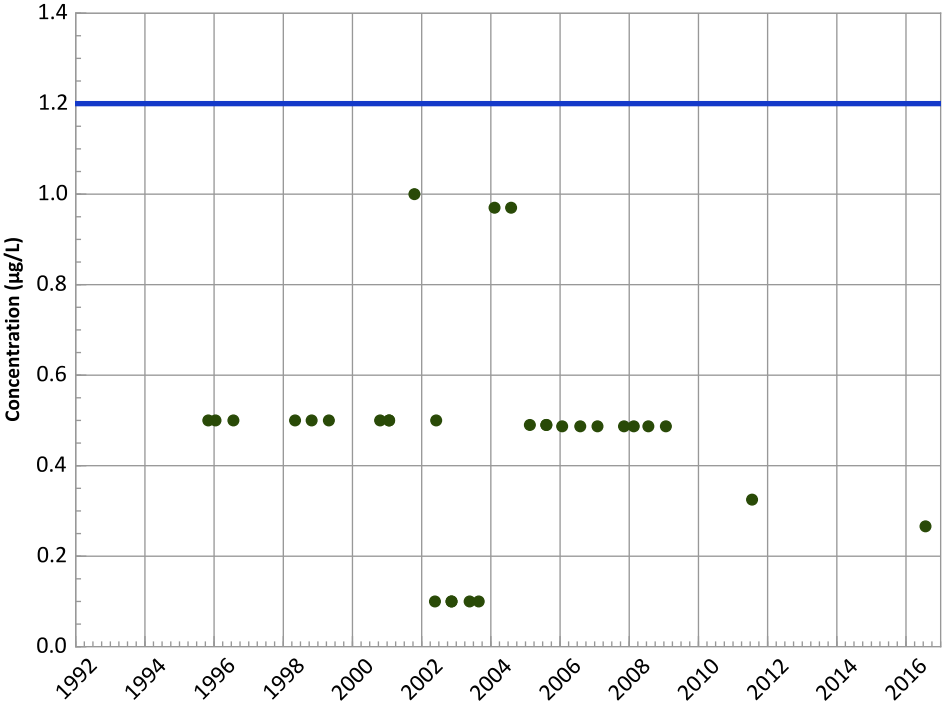


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

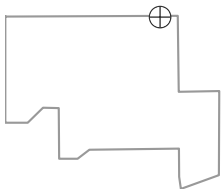
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/25/2016
Analysis Date: 03/07/2017

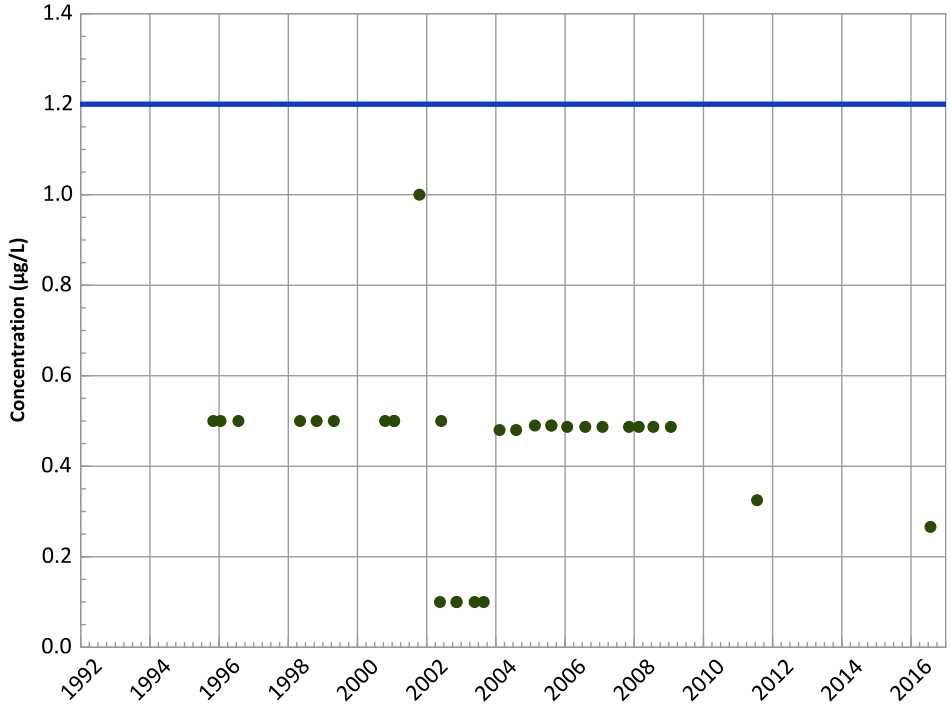
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

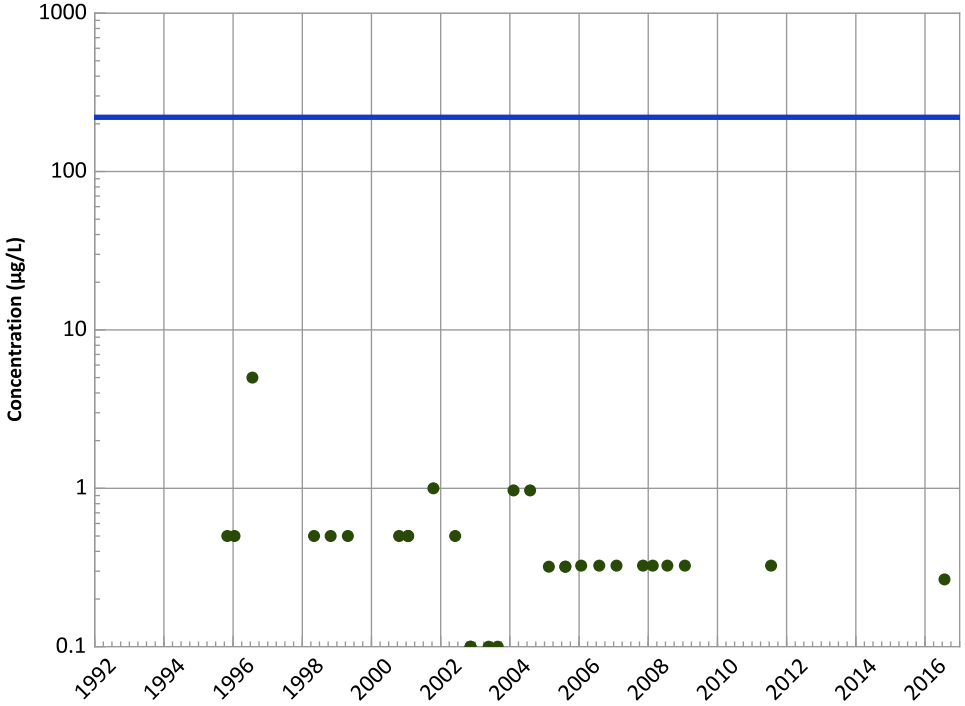


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

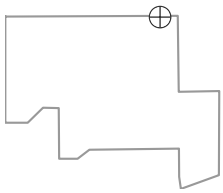
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/25/2016
Analysis Date: 03/07/2017

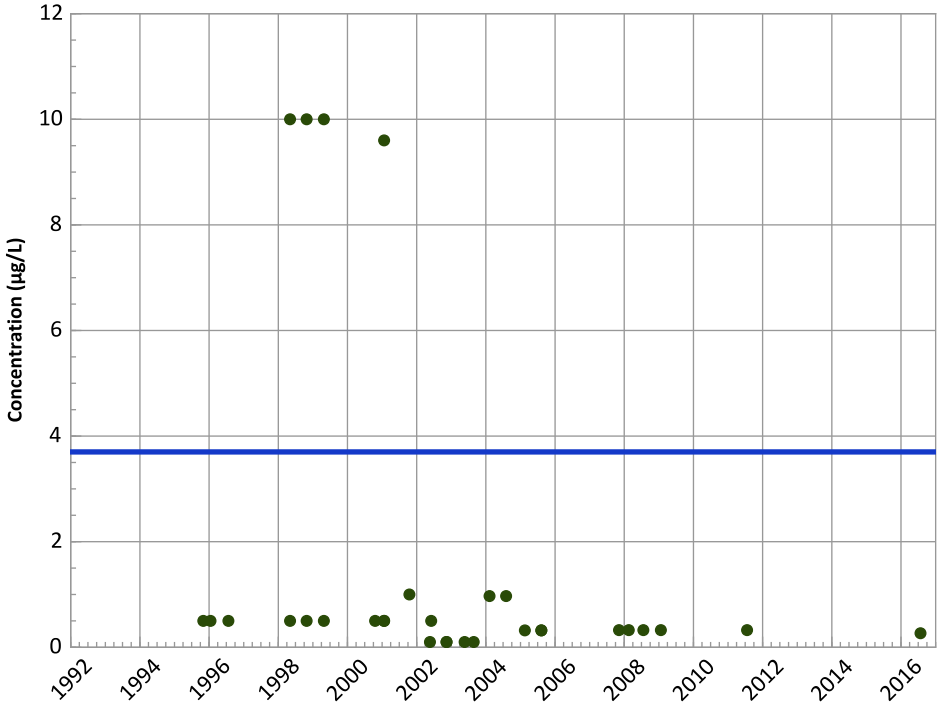
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

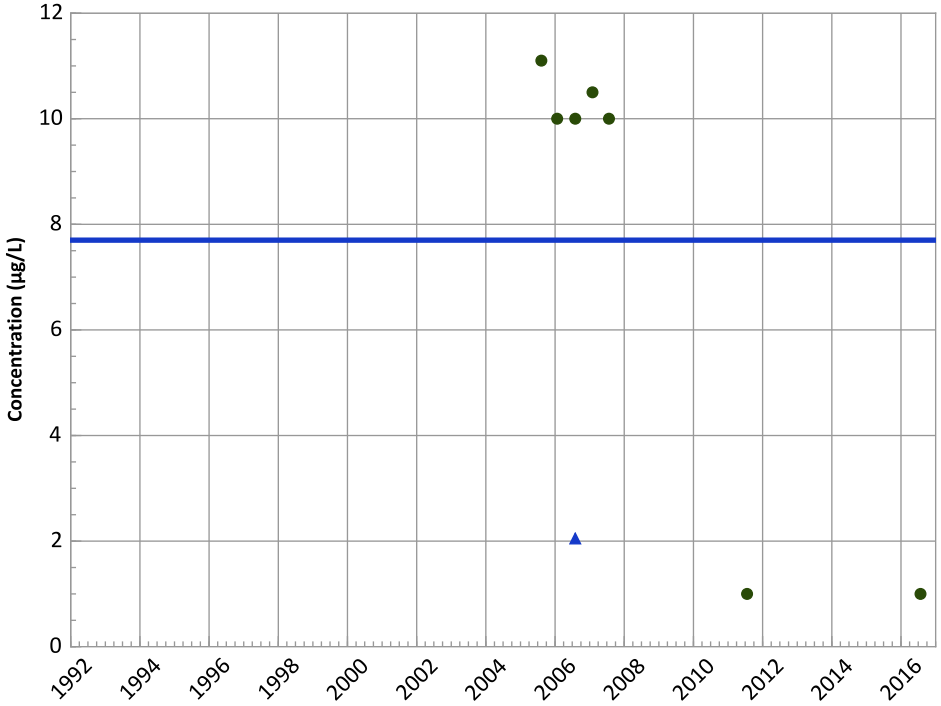


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

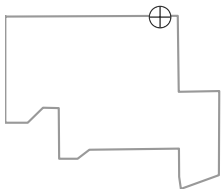
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/25/2016
Analysis Date: 03/07/2017

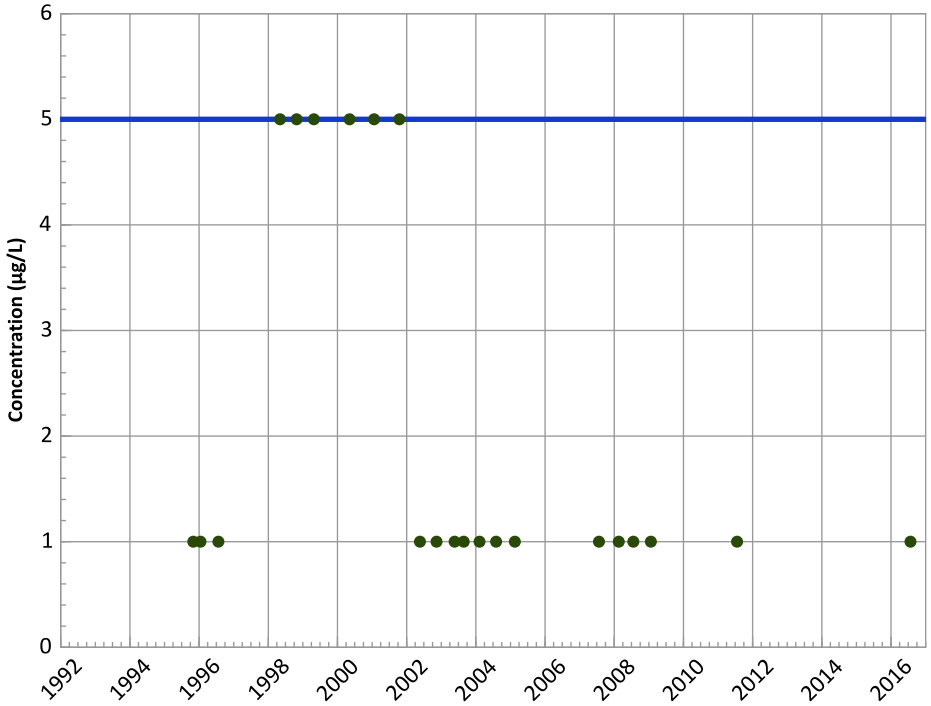
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

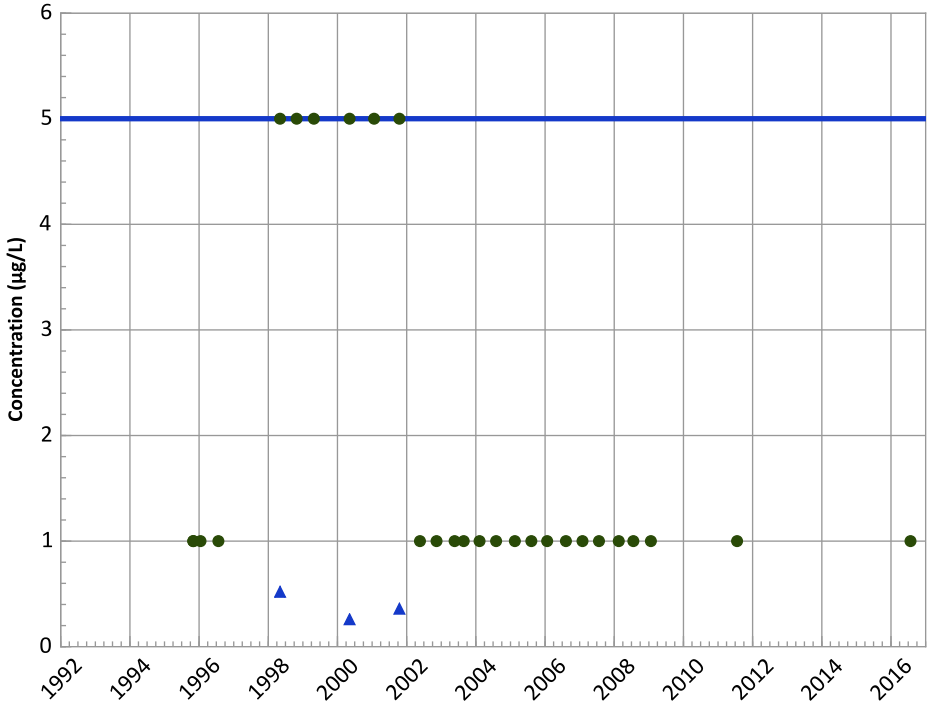


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

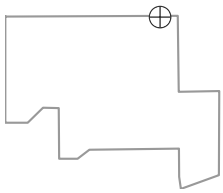
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/25/2016
Analysis Date: 03/07/2017

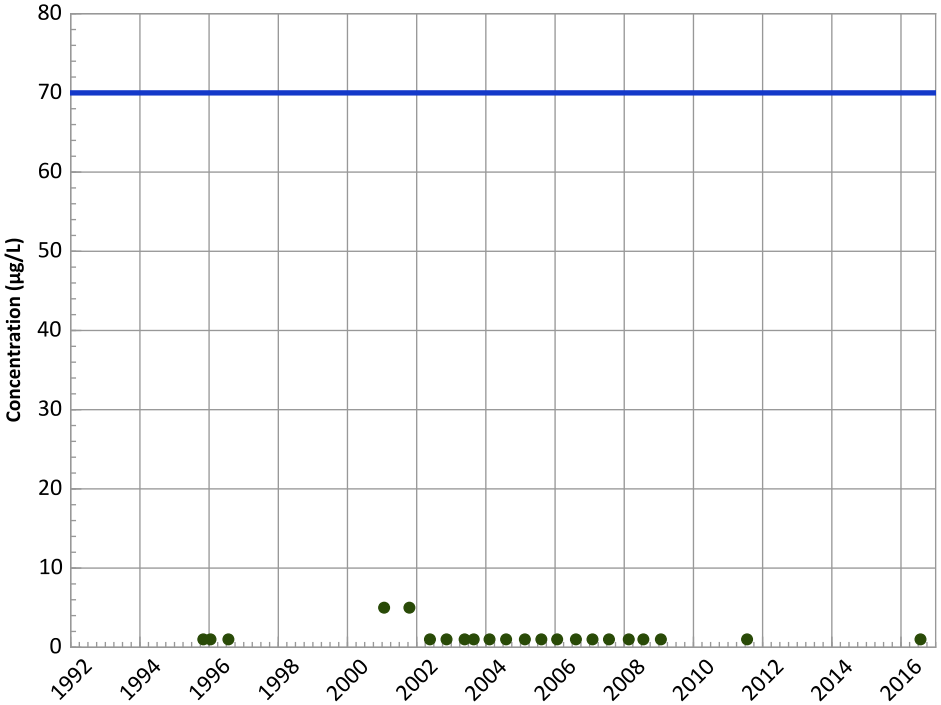
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

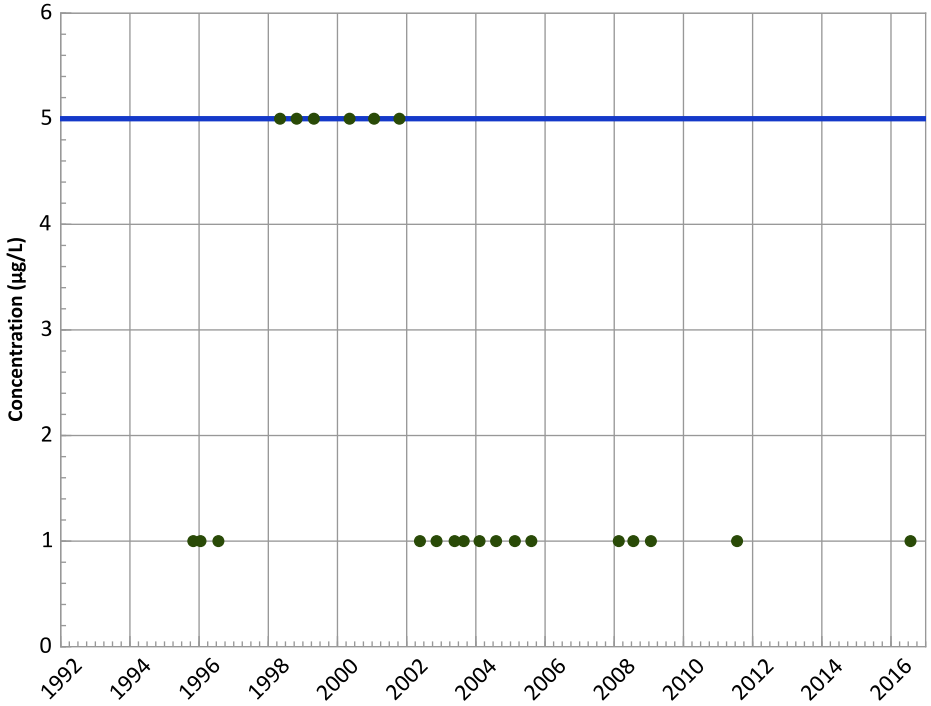


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

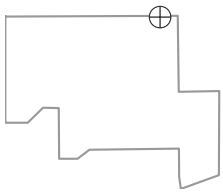
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/25/2016
Analysis Date: 03/07/2017

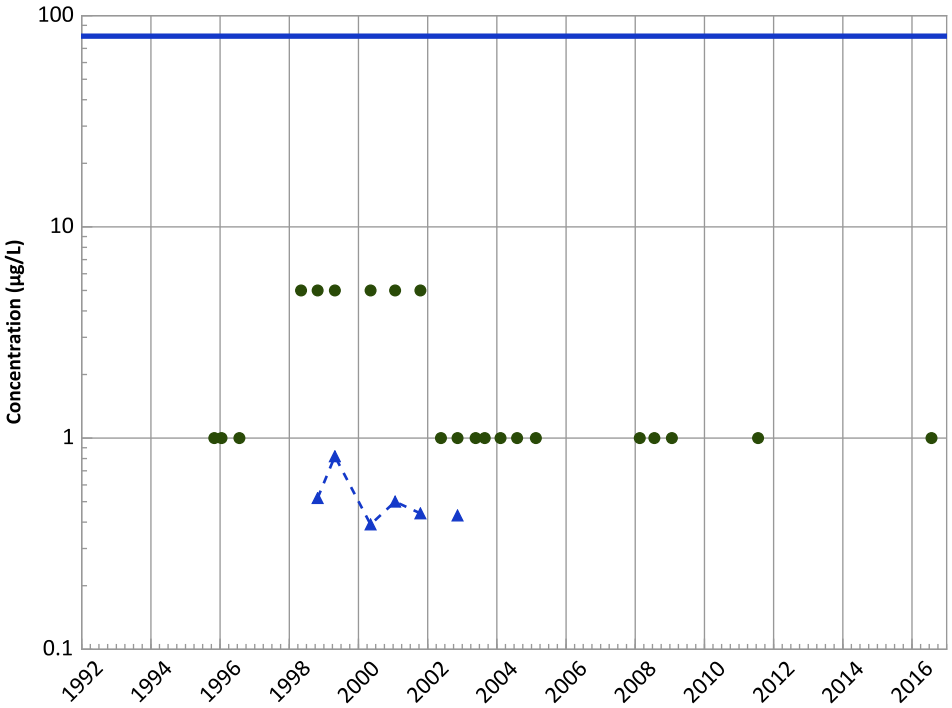
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

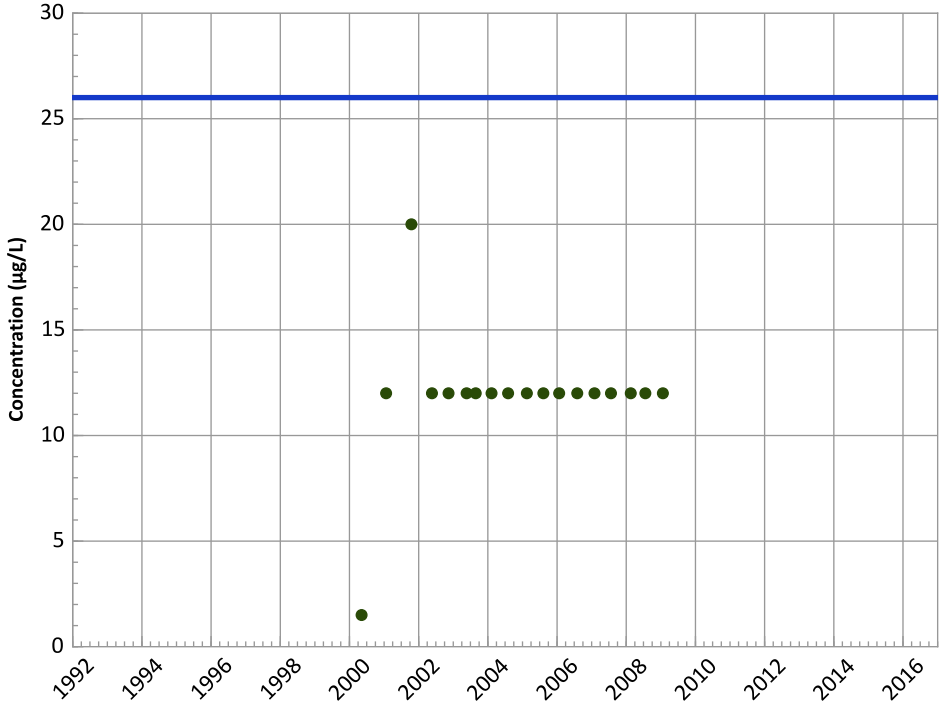


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Perchlorate Trend



Concentration Trend

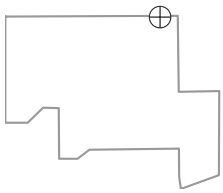
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/25/2016
Analysis Date: 03/07/2017

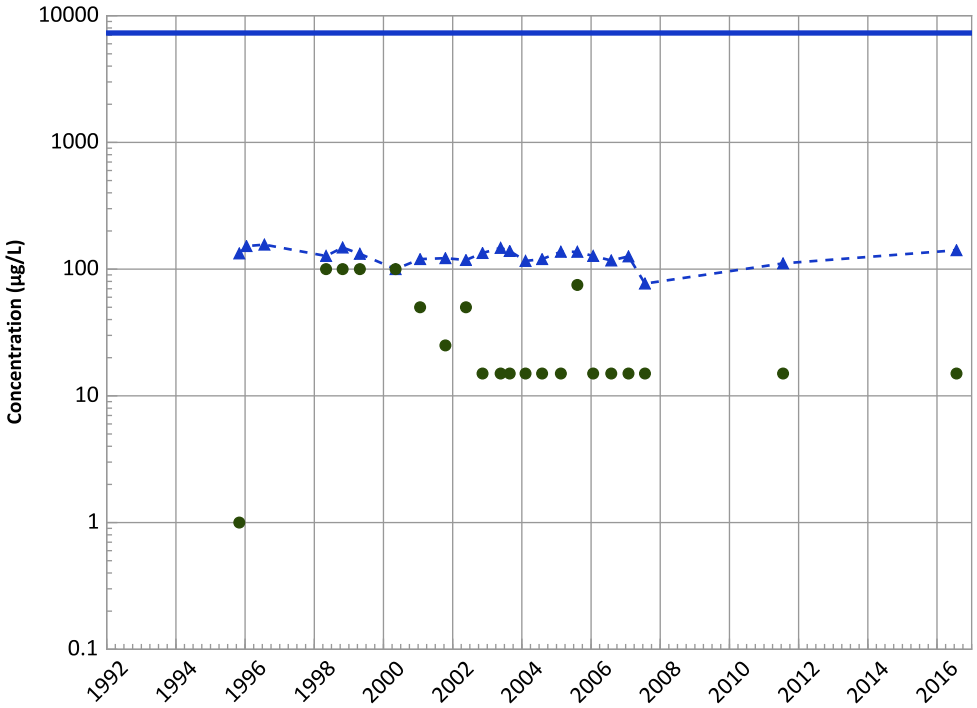
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

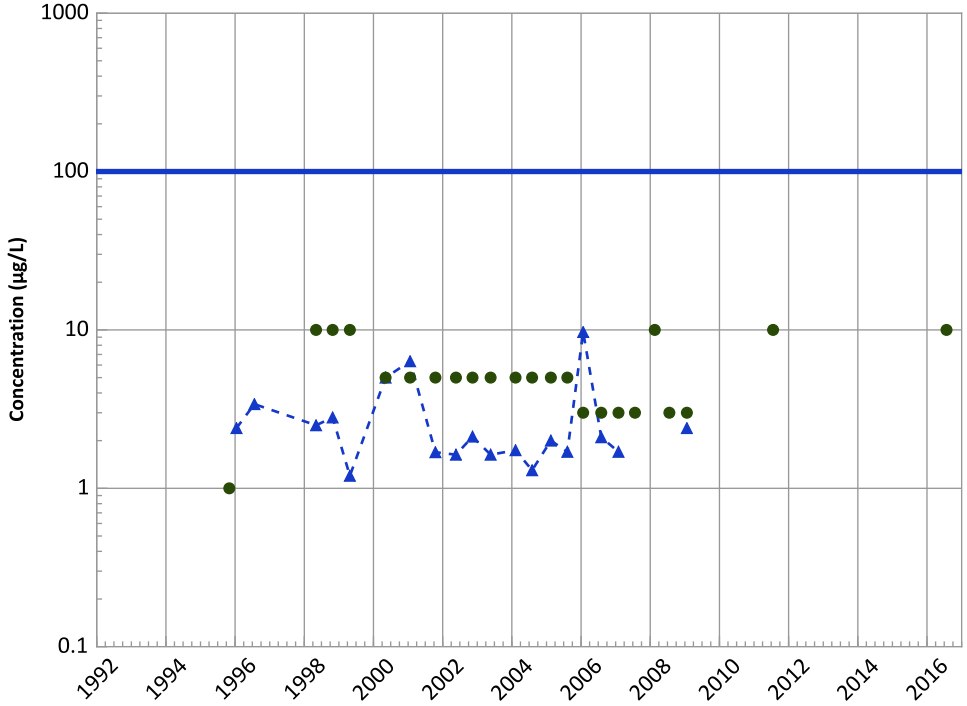


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

Chromium, Total Trend



Concentration Trend

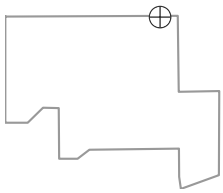
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/25/2016
Analysis Date: 03/07/2017

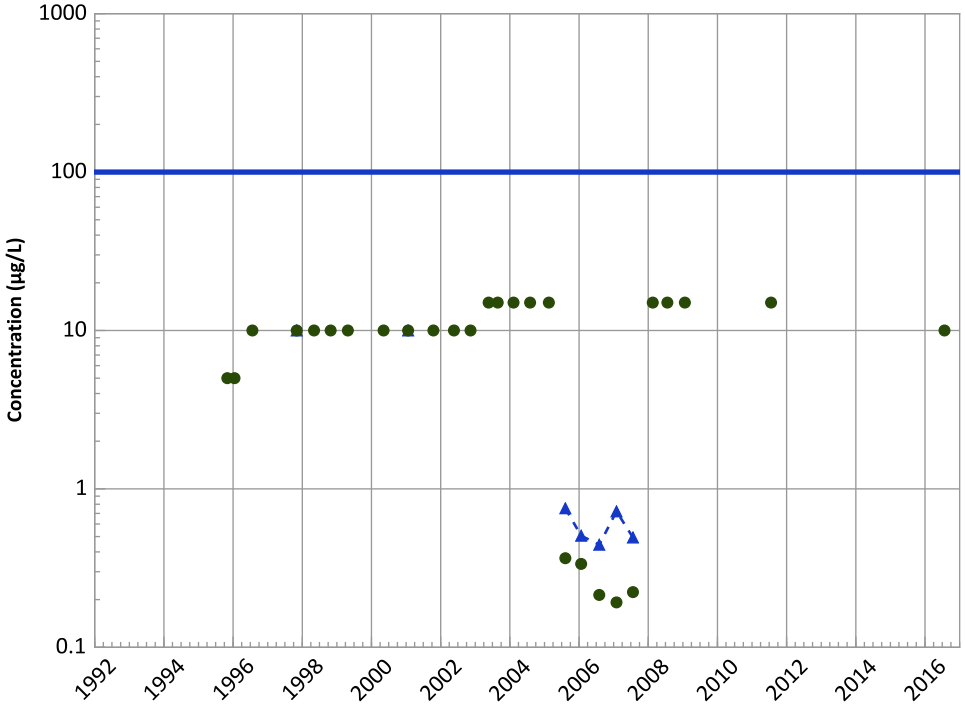
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

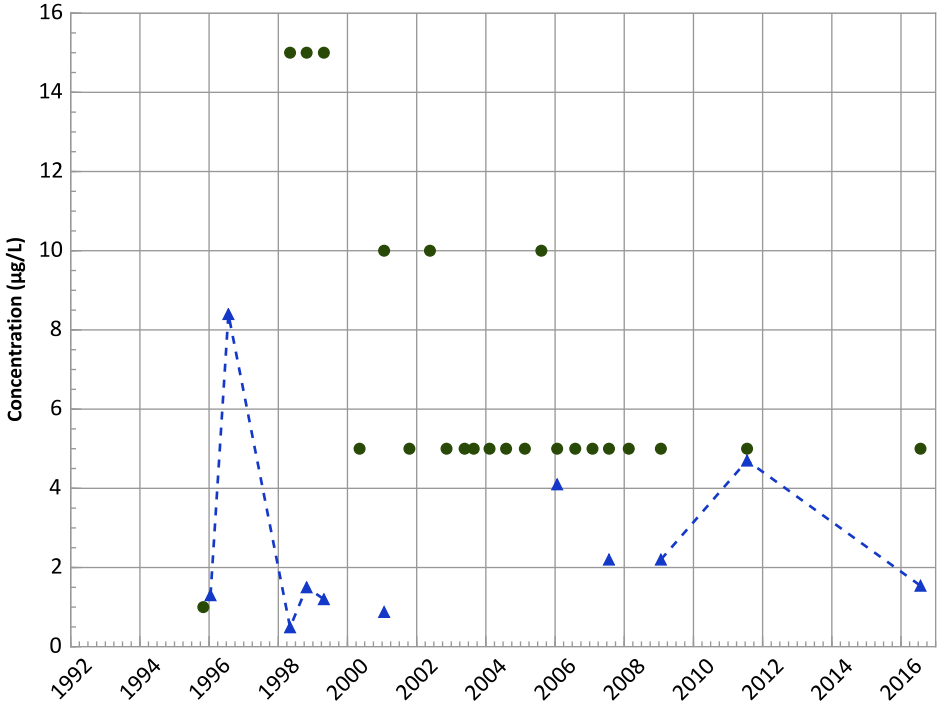


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Manganese Trend



Concentration Trend

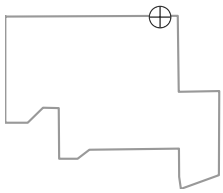
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/25/2016
Analysis Date: 03/07/2017

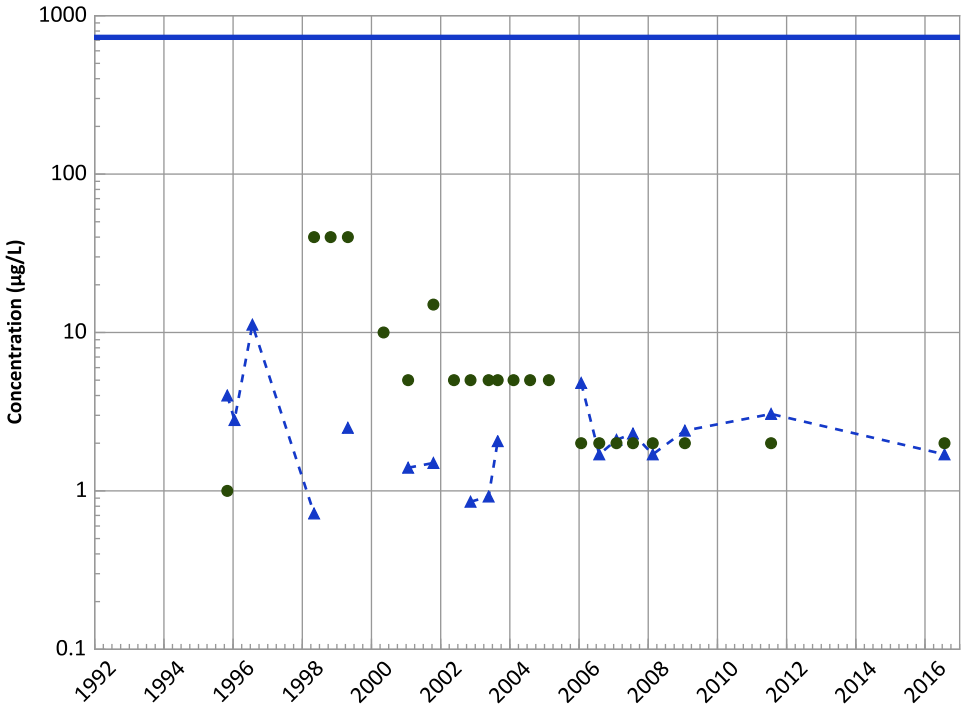
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

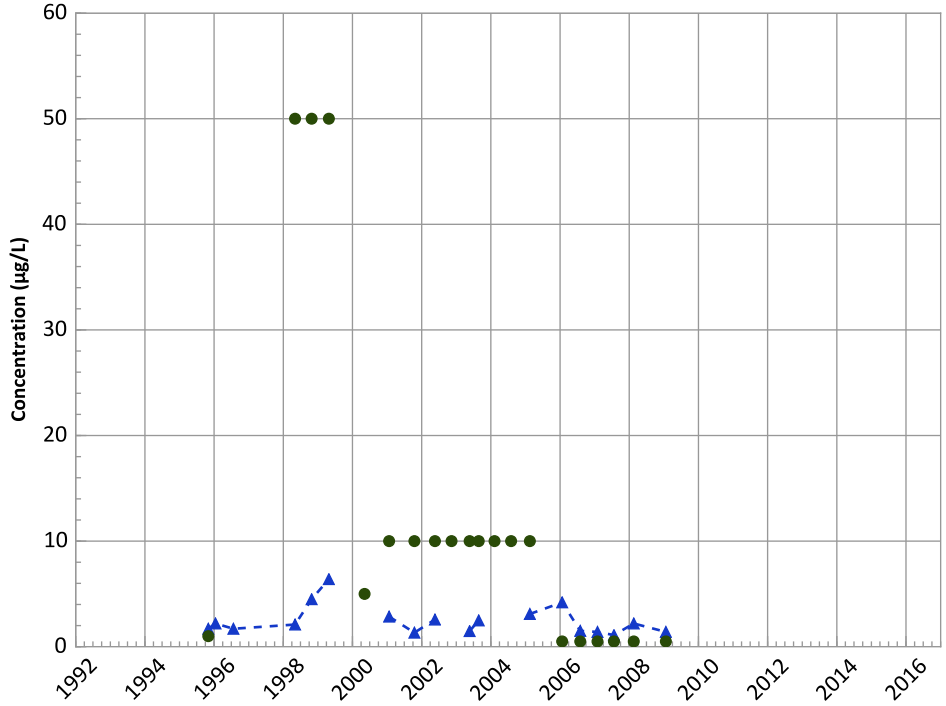


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Molybdenum Trend



Concentration Trend

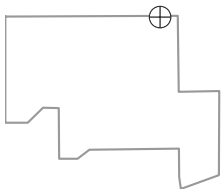
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/25/2016
Analysis Date: 03/07/2017

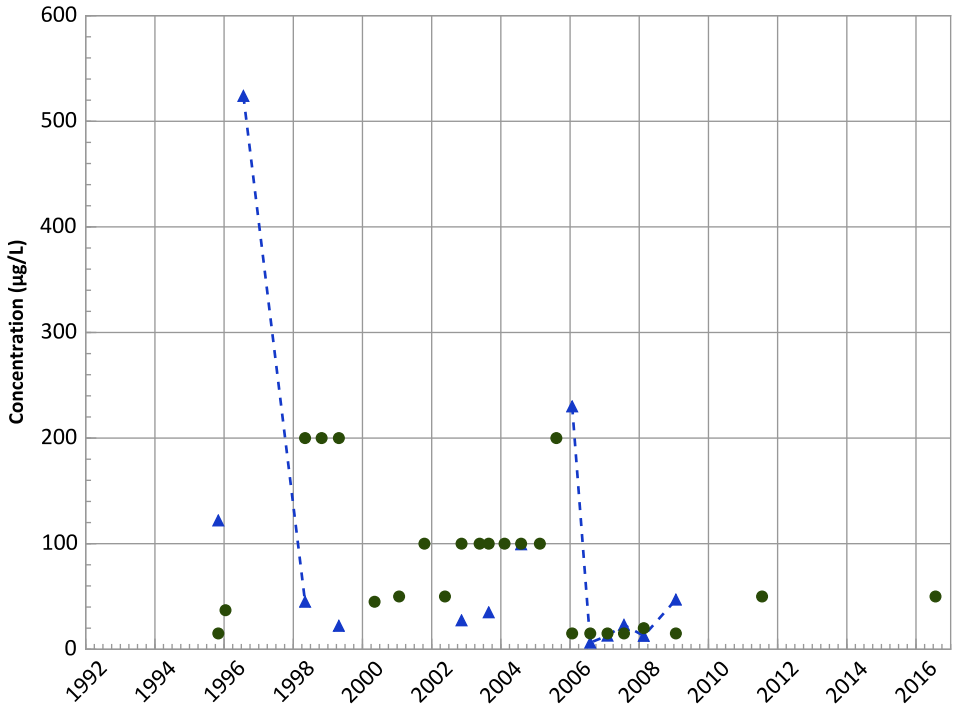
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

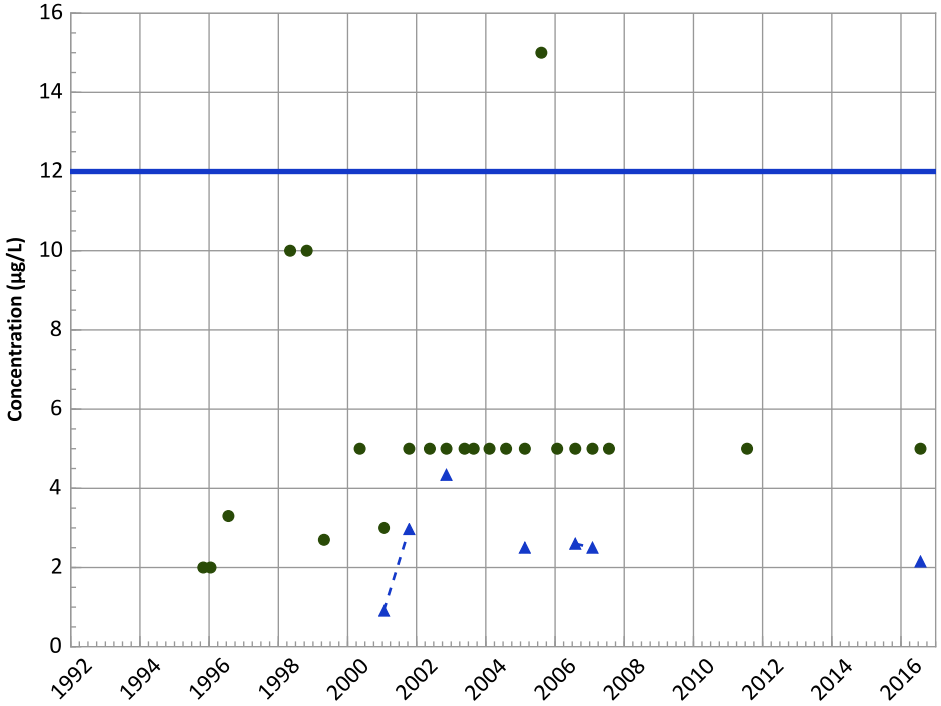


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Arsenic Trend



Concentration Trend

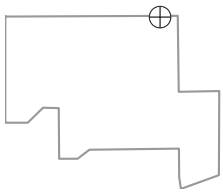
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/25/2016
Analysis Date: 03/07/2017

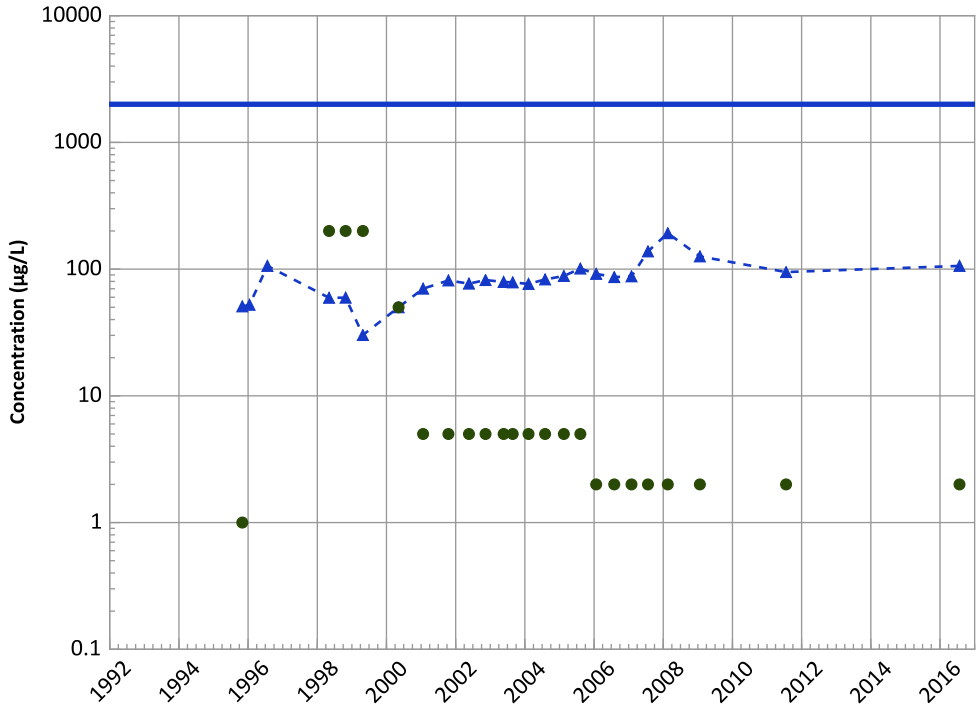
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

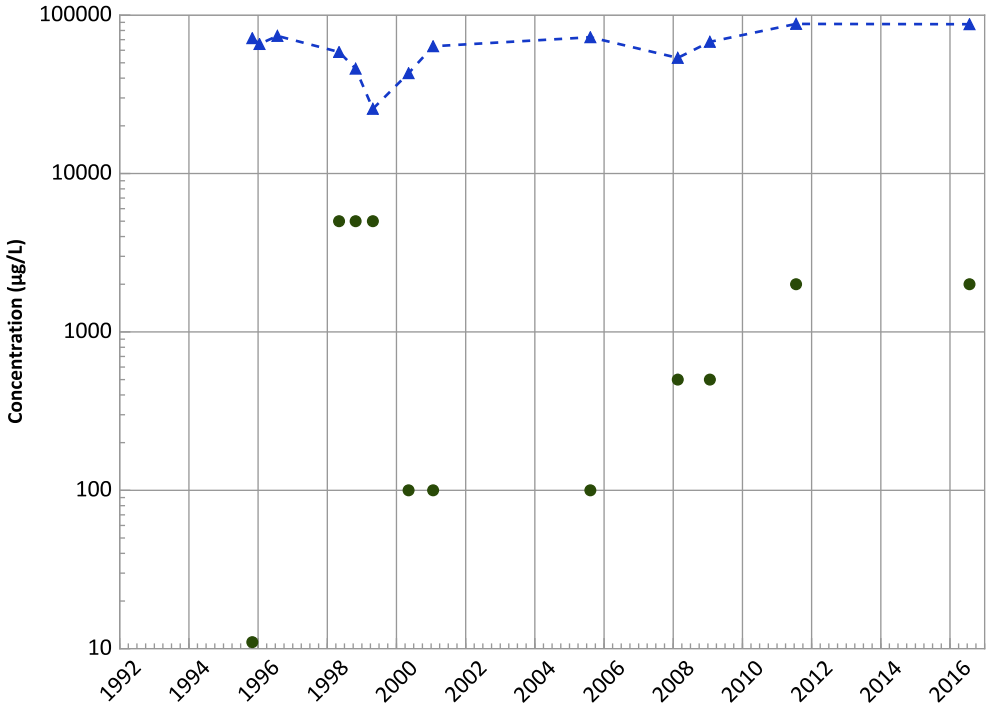


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Calcium Trend



Concentration Trend

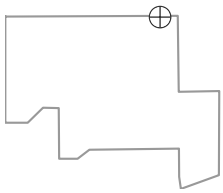
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/25/2016
Analysis Date: 03/07/2017

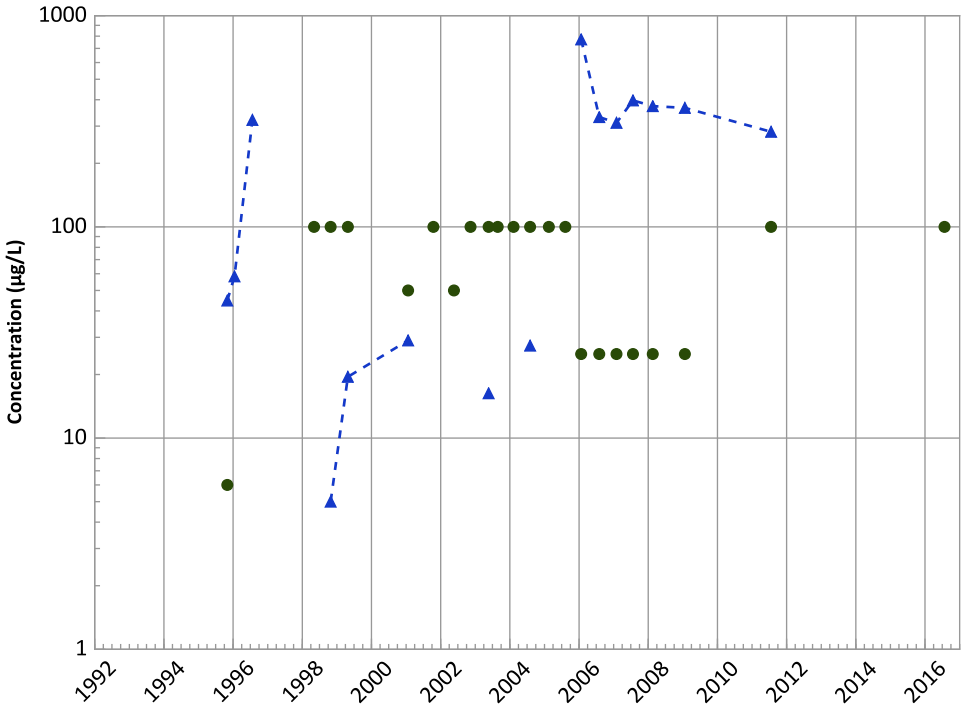
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

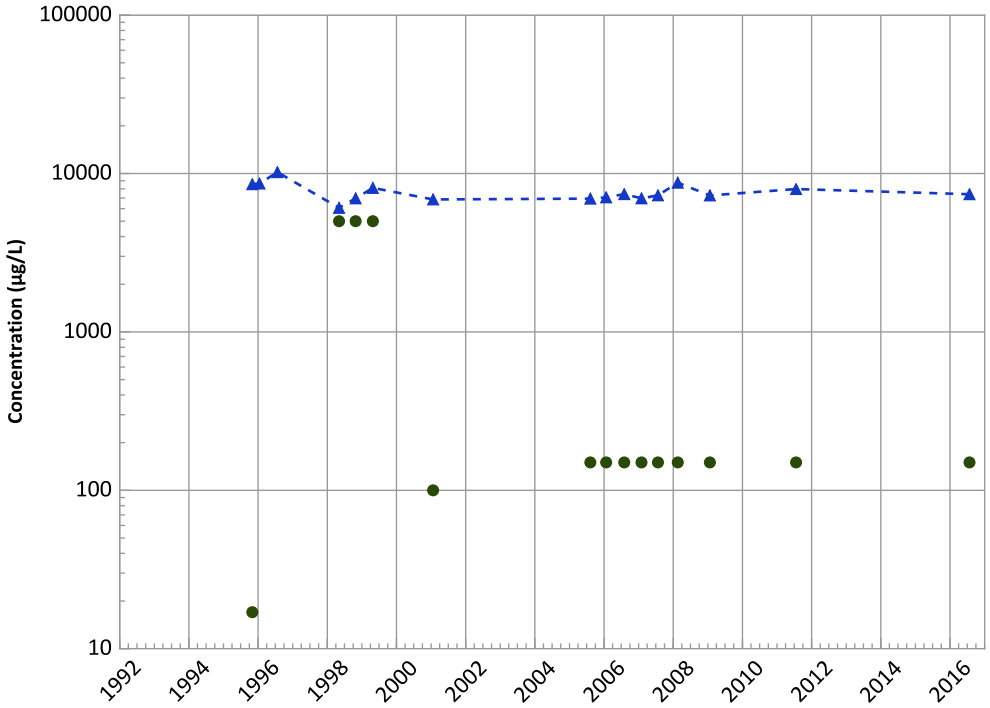


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Potassium Trend



Concentration Trend

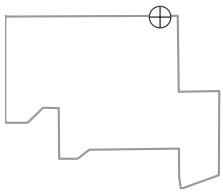
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/25/2016
Analysis Date: 03/07/2017

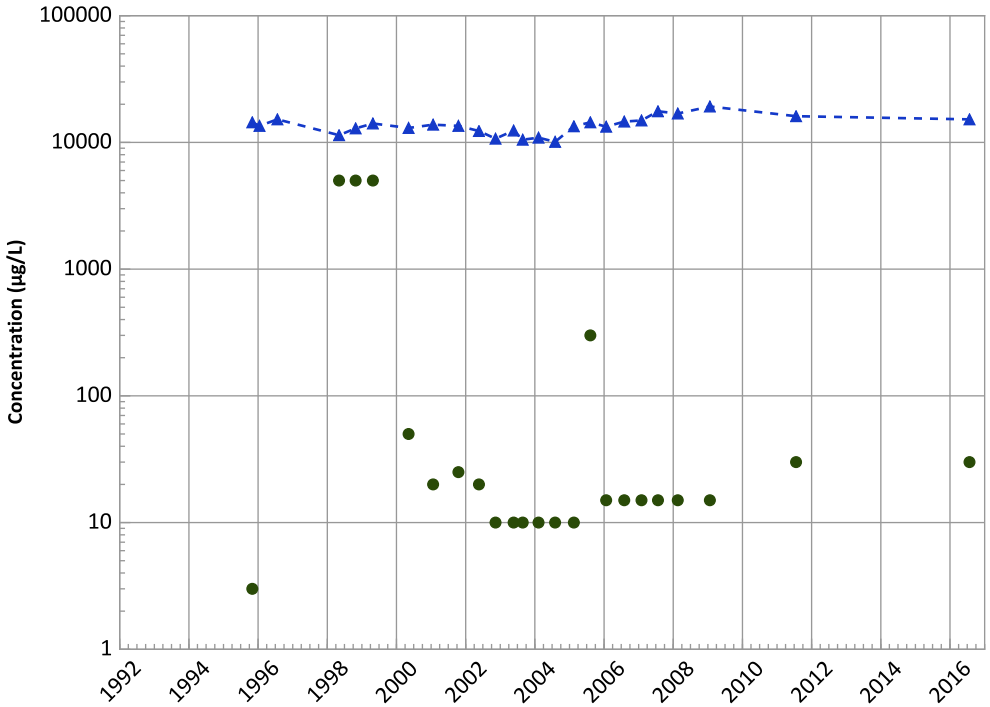
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

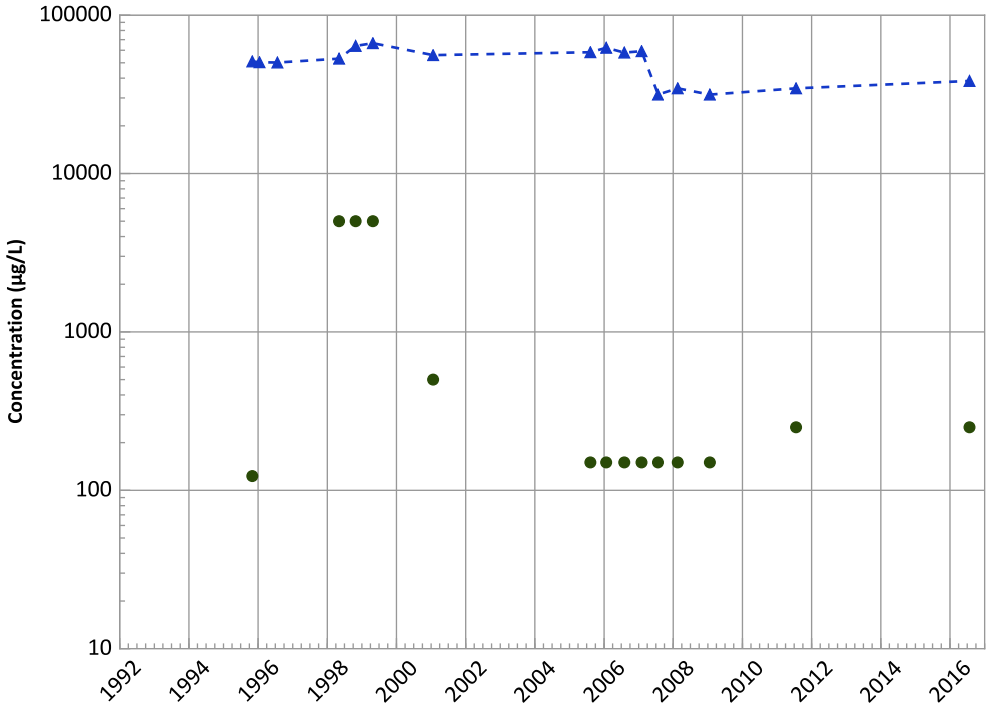


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Sodium Trend



Concentration Trend

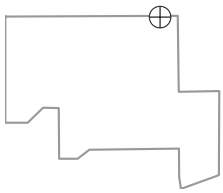
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

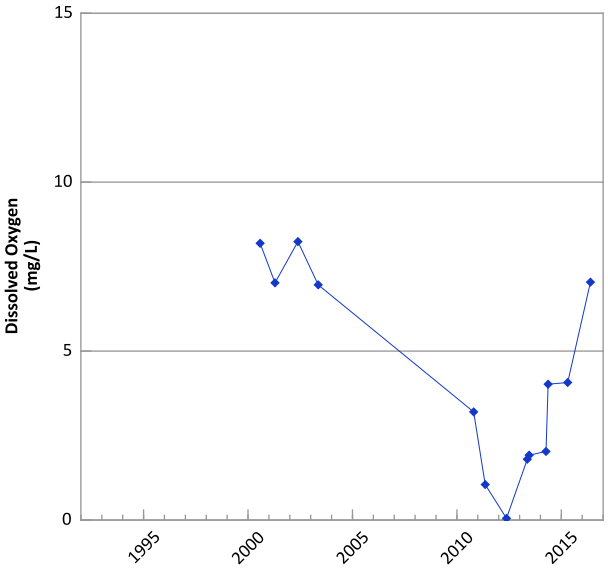
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/01/1995 to 07/25/2016
Analysis Date: 03/07/2017

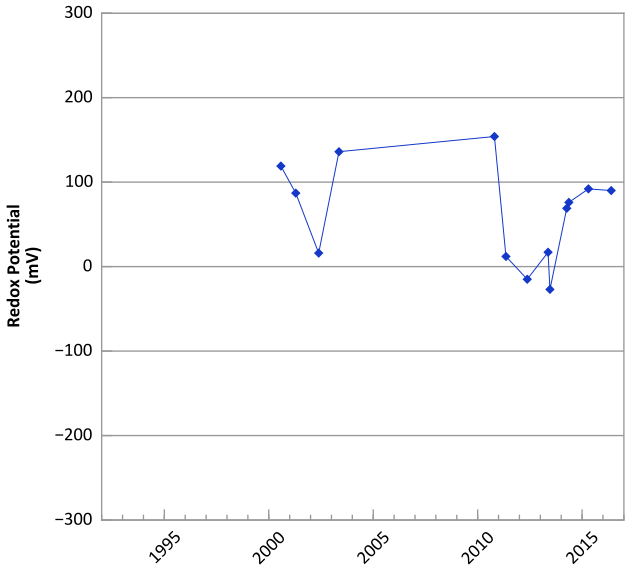
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

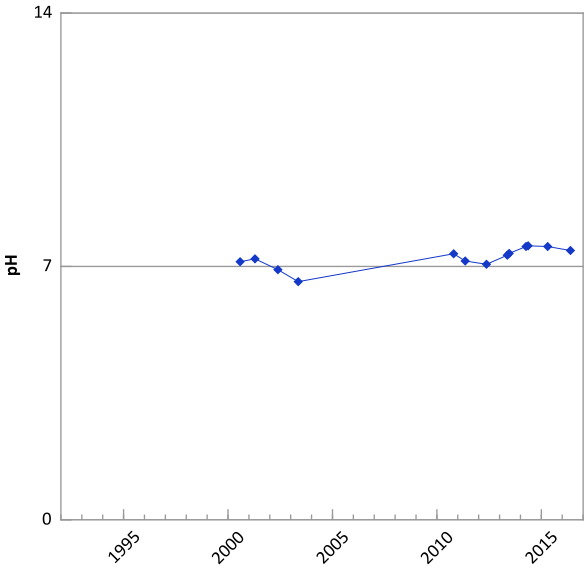
Well Location

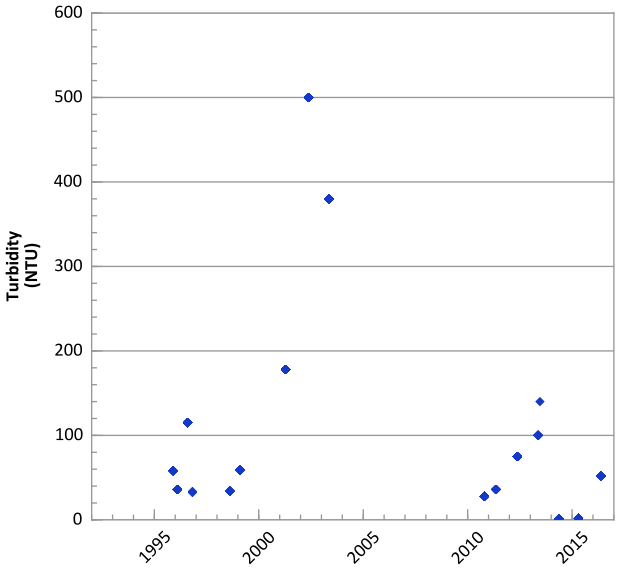


PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



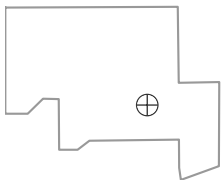






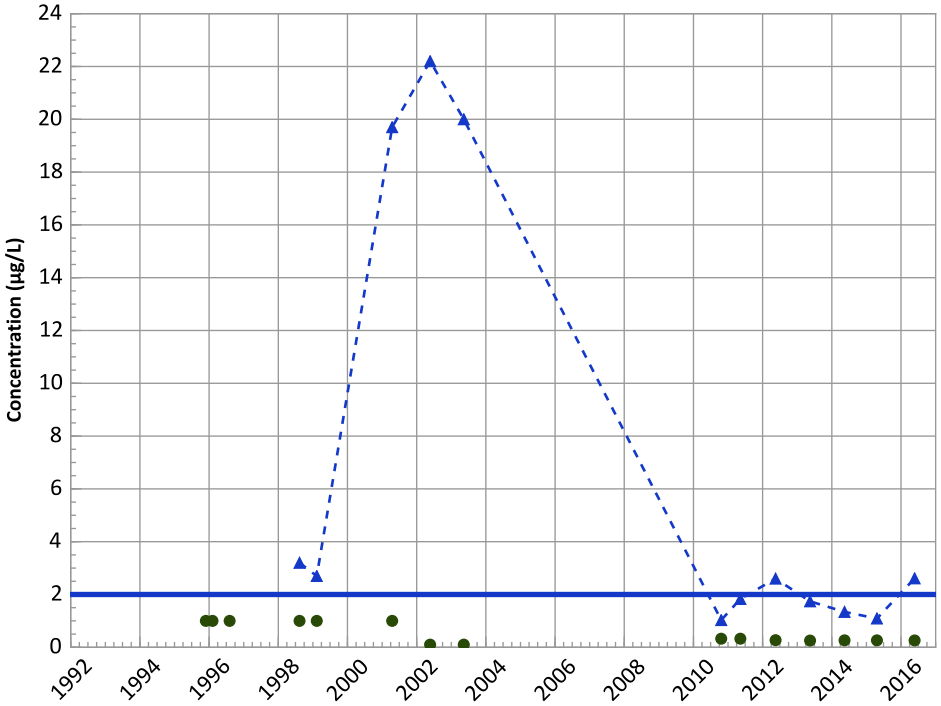
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/07/1992 to 05/24/2016
Analysis Date: 03/07/2017

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

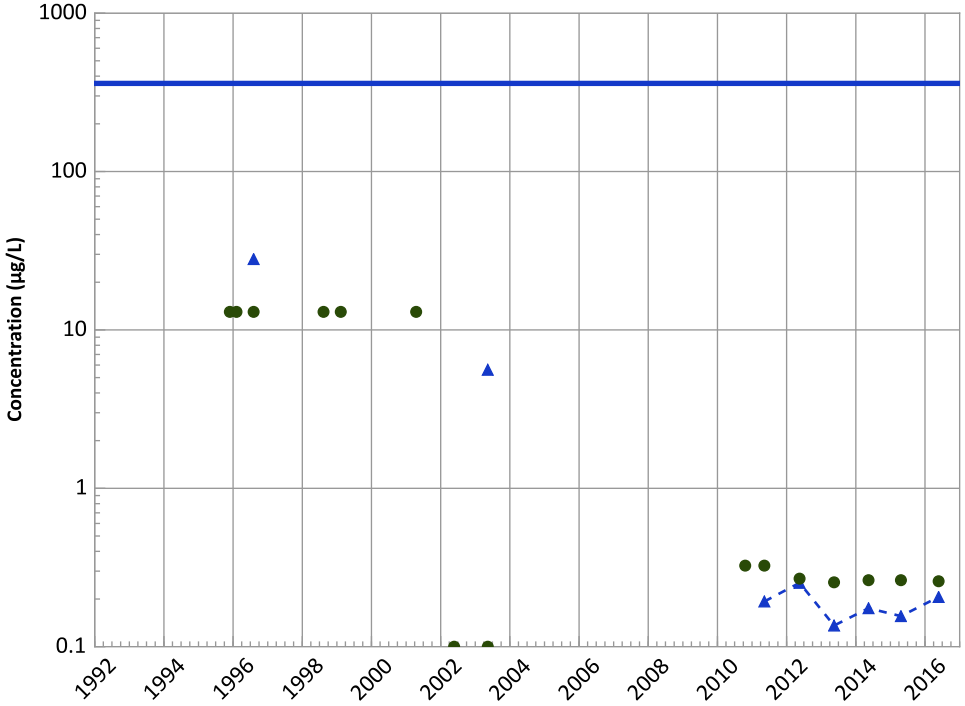


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

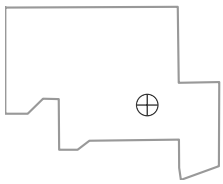
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/07/1992 to 05/24/2016
Analysis Date: 03/07/2017

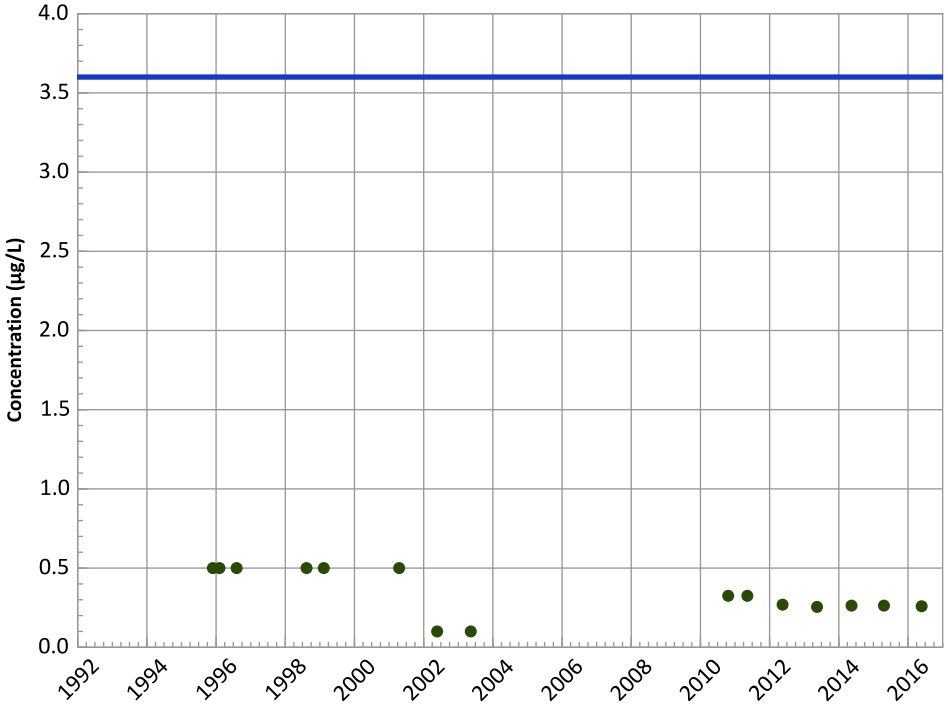
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

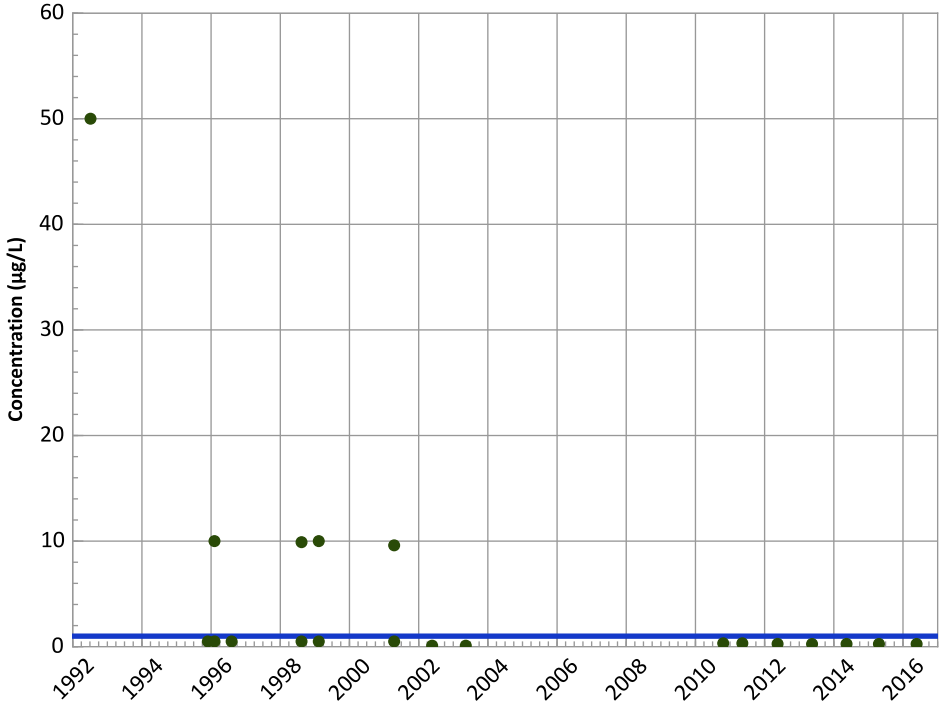


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

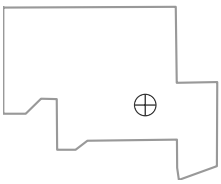
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/07/1992 to 05/24/2016
Analysis Date: 03/07/2017

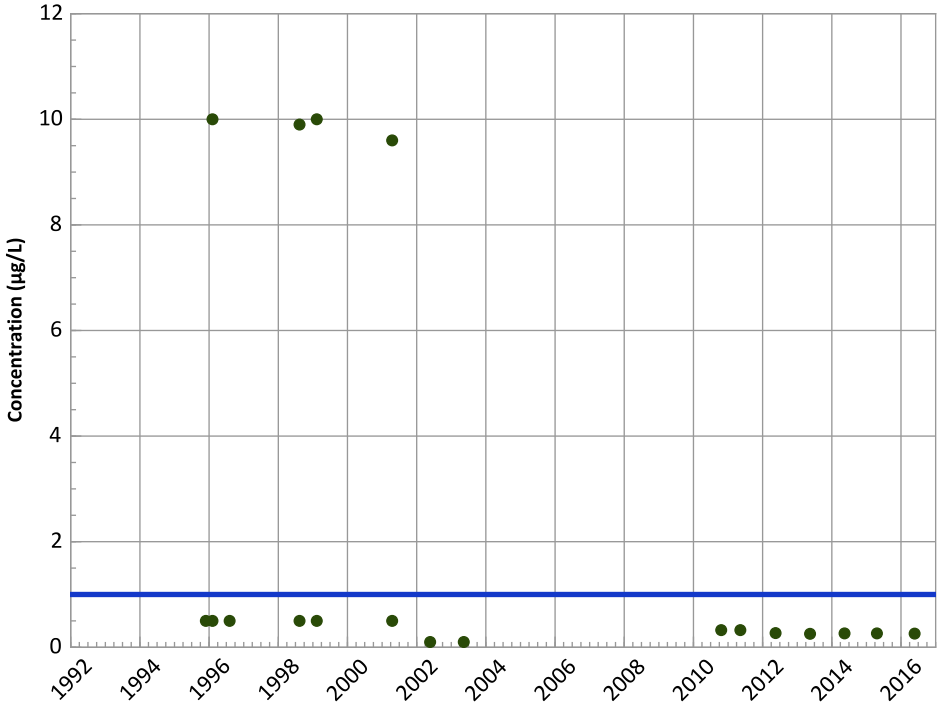
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

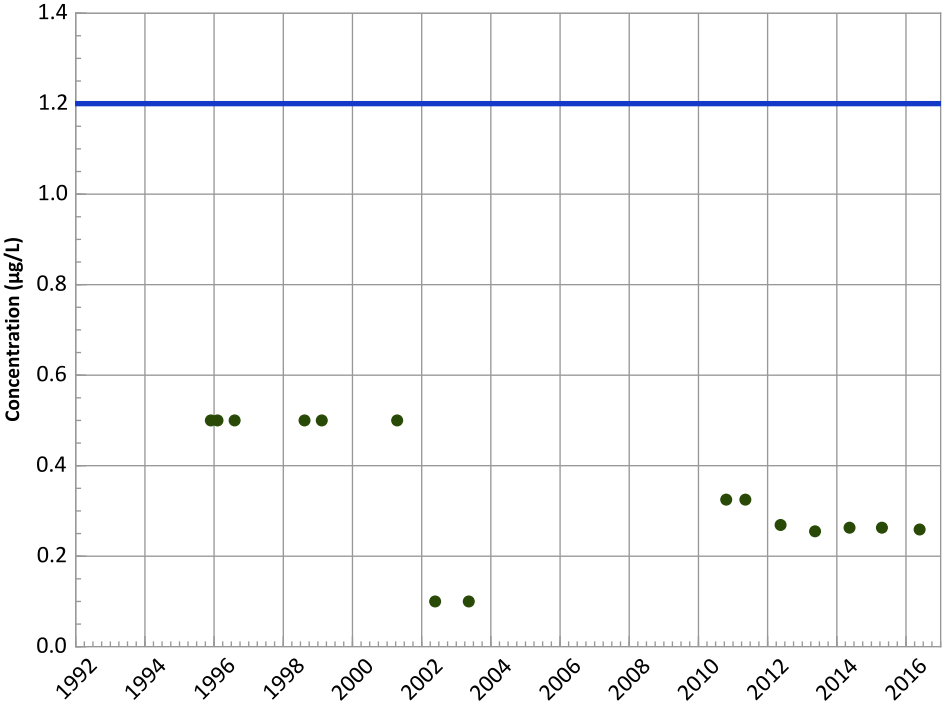


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

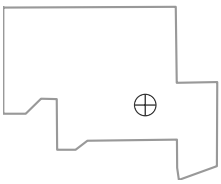
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/07/1992 to 05/24/2016
Analysis Date: 03/07/2017

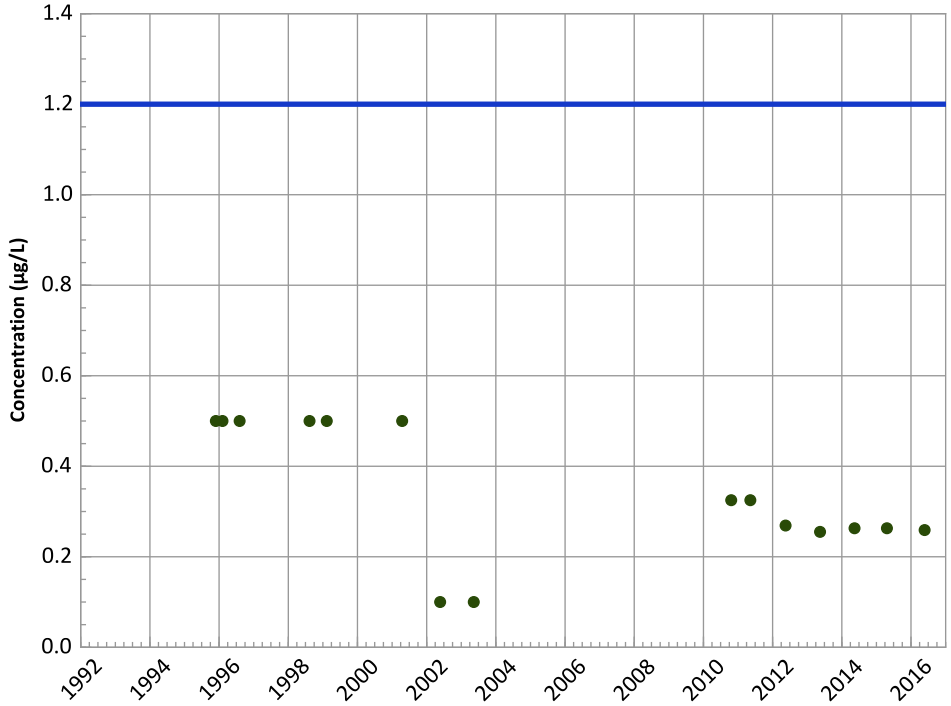
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

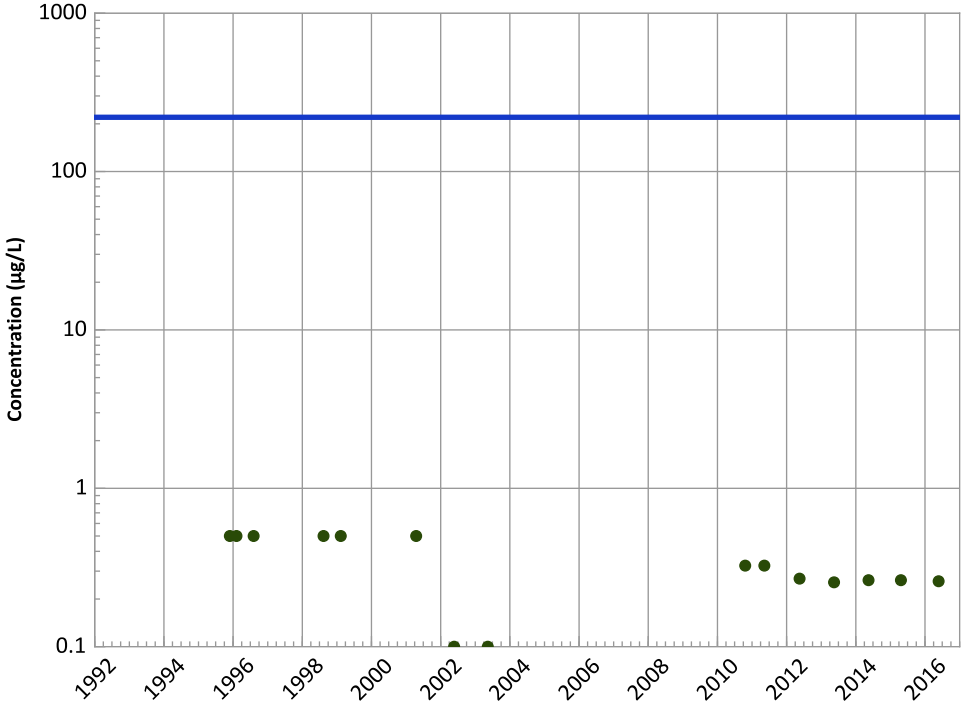


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

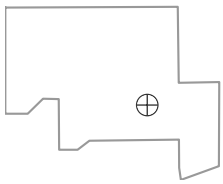
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/07/1992 to 05/24/2016
Analysis Date: 03/07/2017

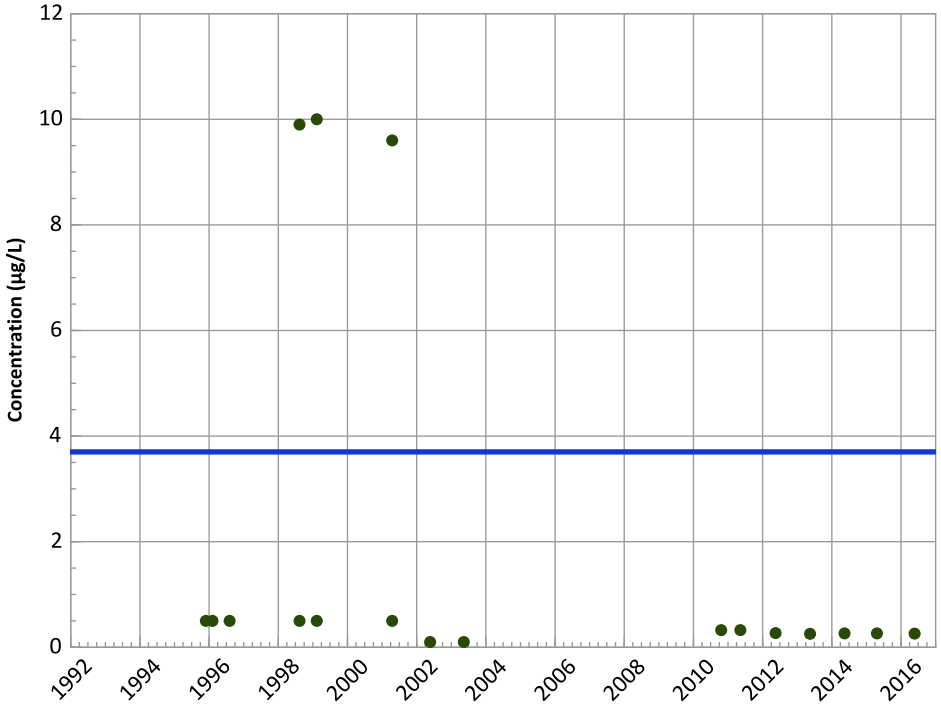
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

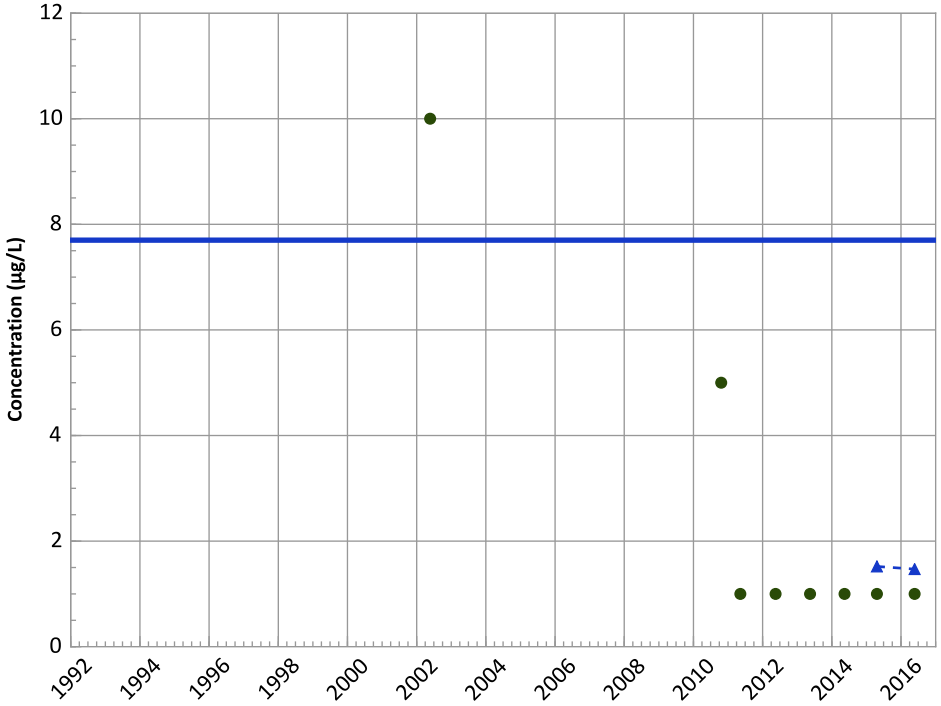


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

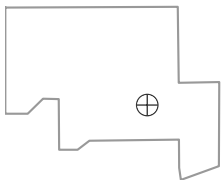
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/07/1992 to 05/24/2016
Analysis Date: 03/07/2017

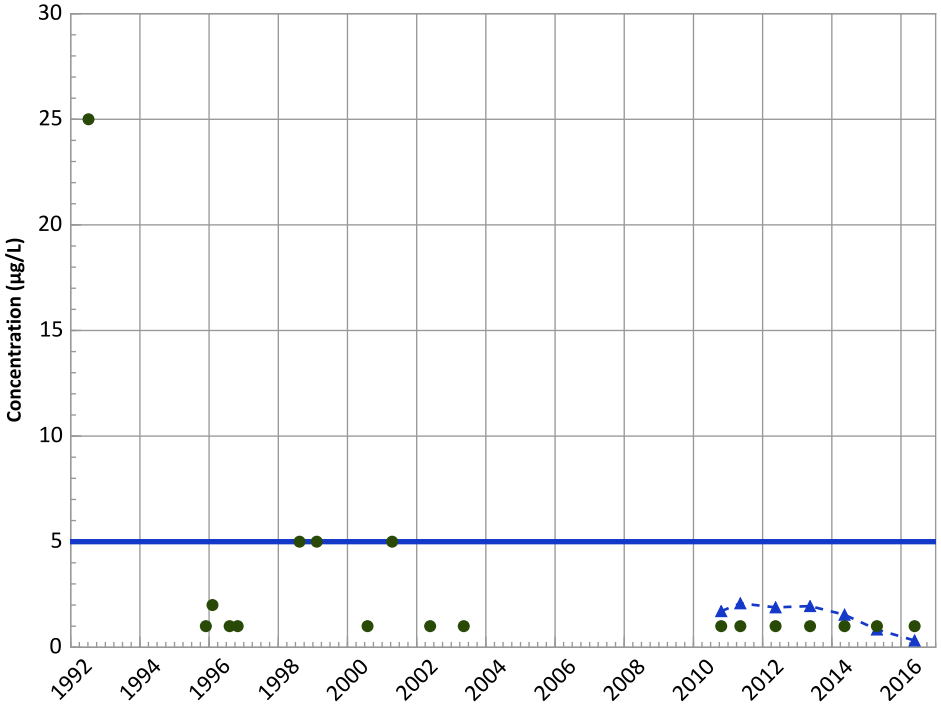
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

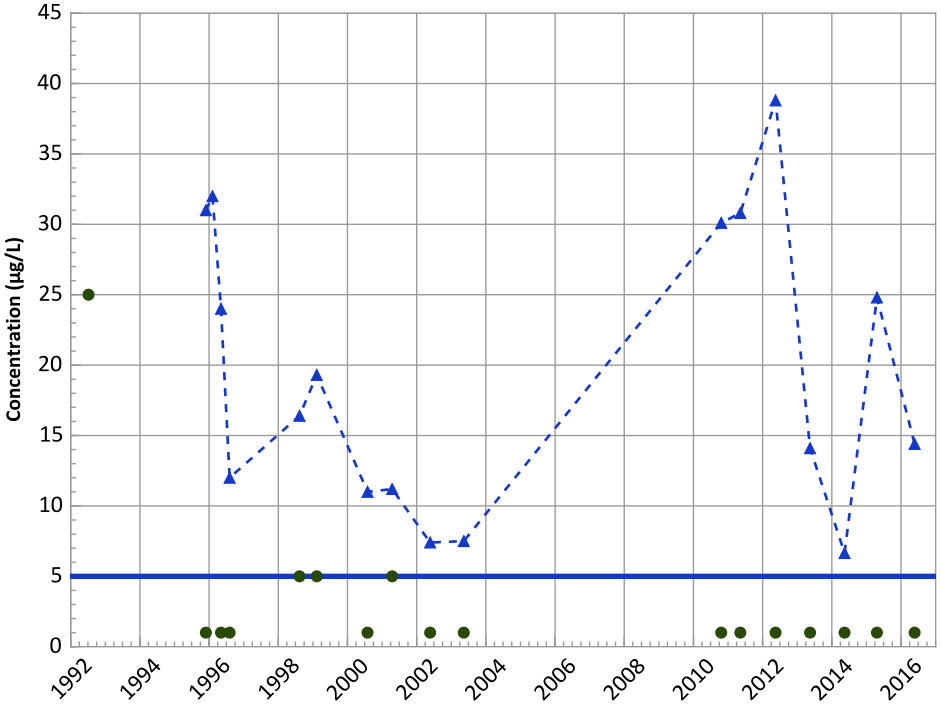


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Trichloroethene Trend



Concentration Trend

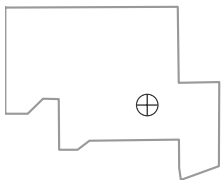
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/07/1992 to 05/24/2016
Analysis Date: 03/07/2017

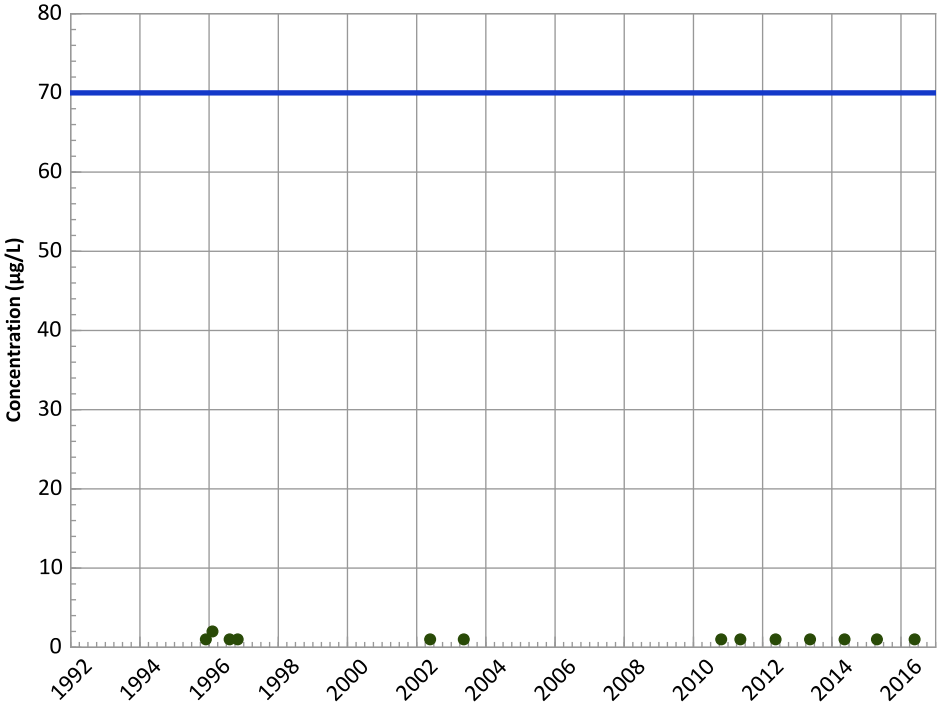
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

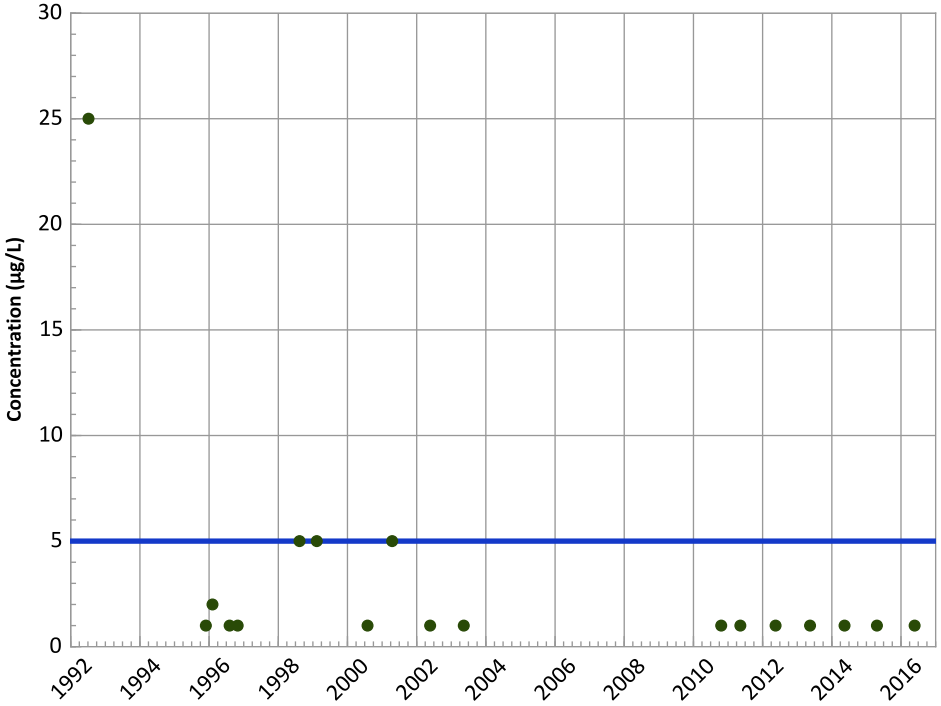


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

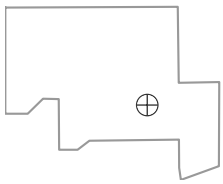
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/07/1992 to 05/24/2016
Analysis Date: 03/07/2017

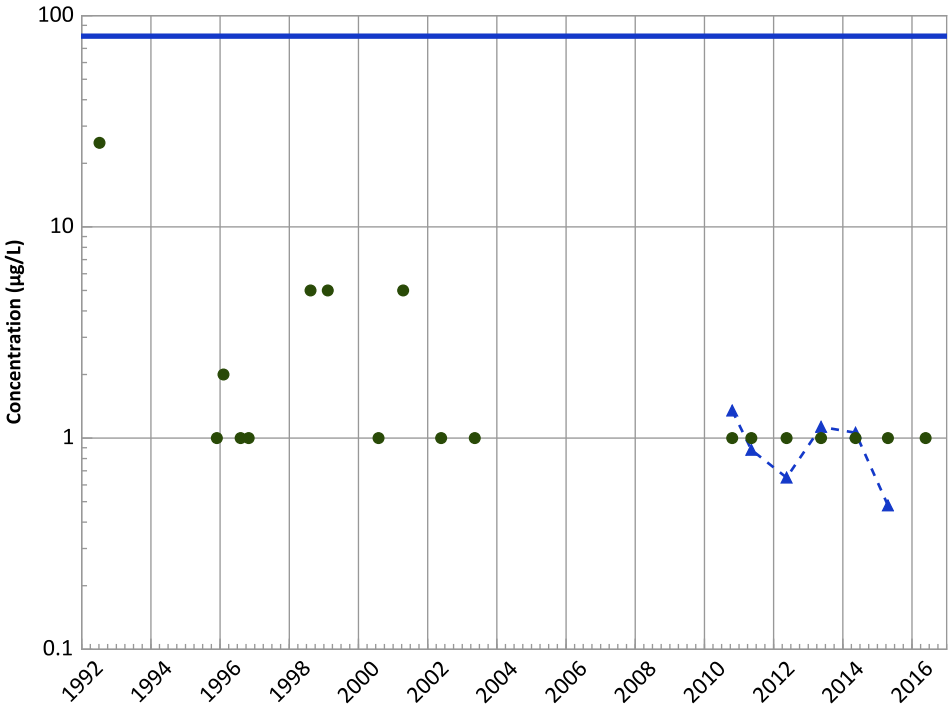
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

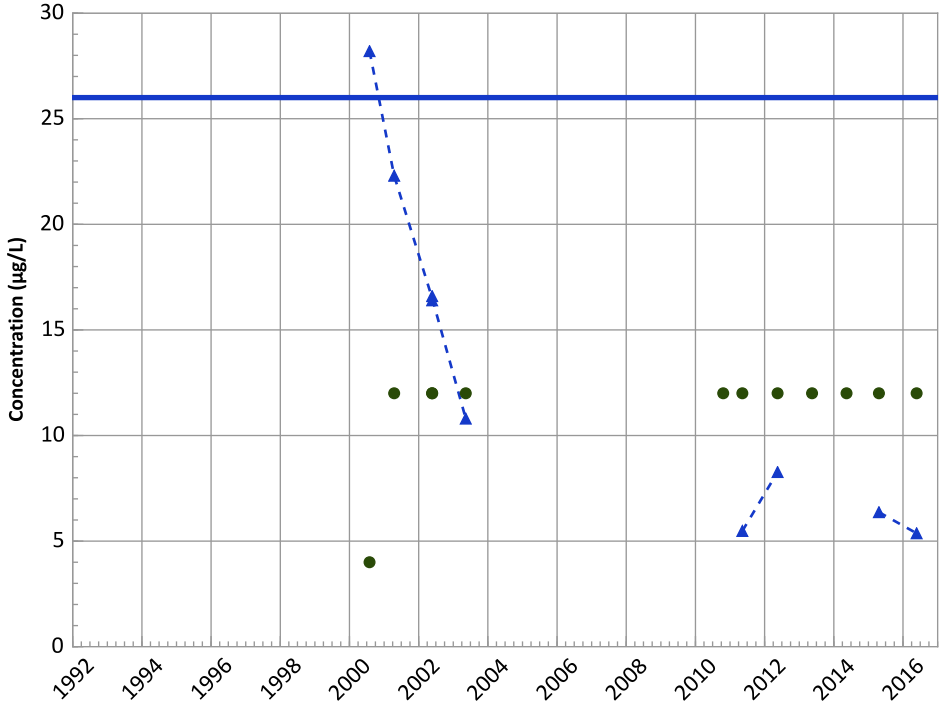


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Perchlorate Trend



Concentration Trend

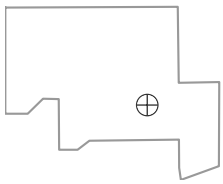
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/07/1992 to 05/24/2016
Analysis Date: 03/07/2017

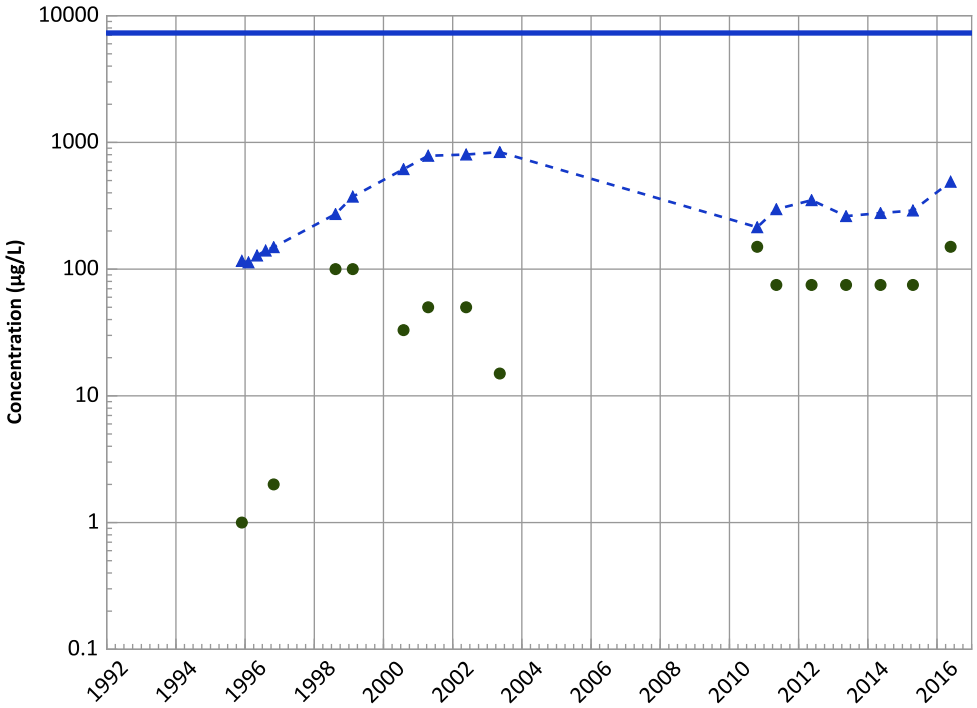
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

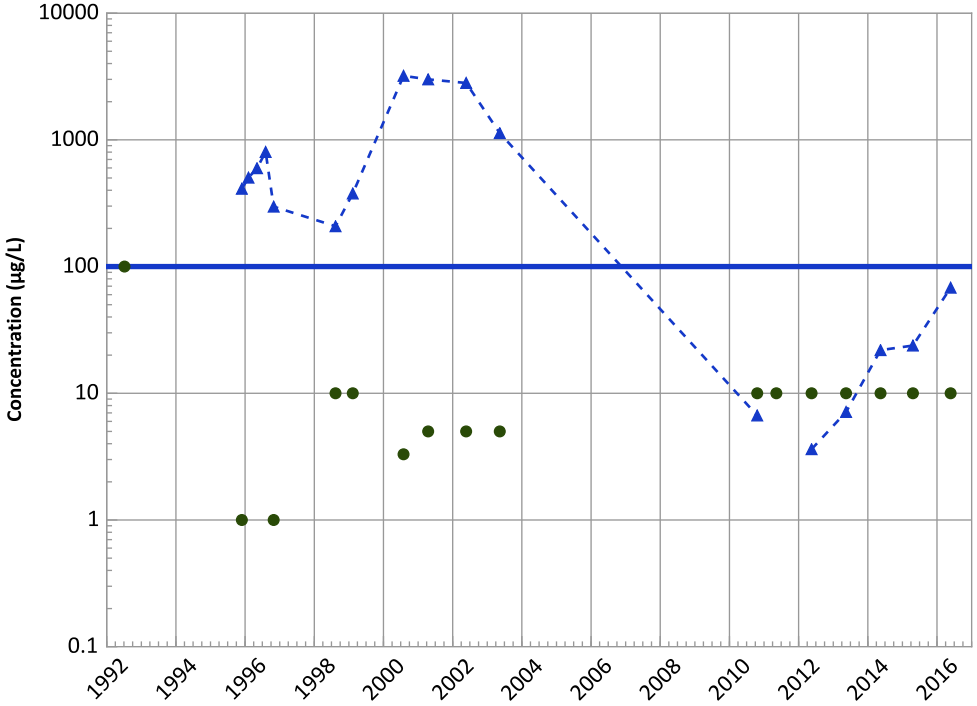


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
No Trend

Chromium, Total Trend



Concentration Trend

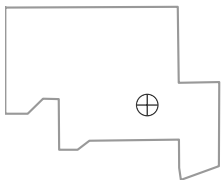
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/07/1992 to 05/24/2016
Analysis Date: 03/07/2017

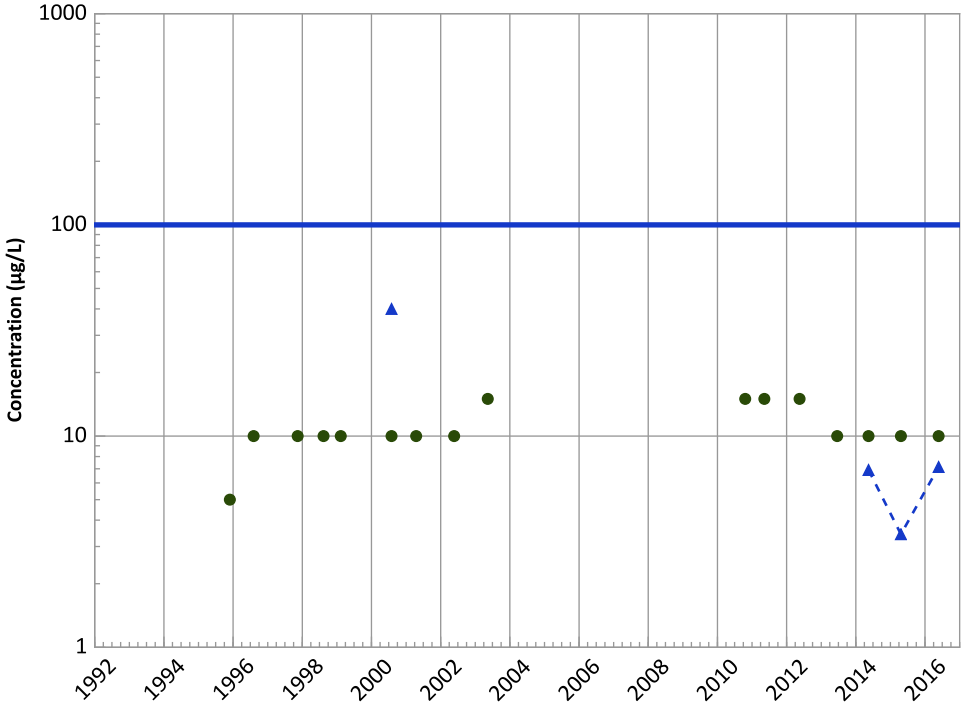
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

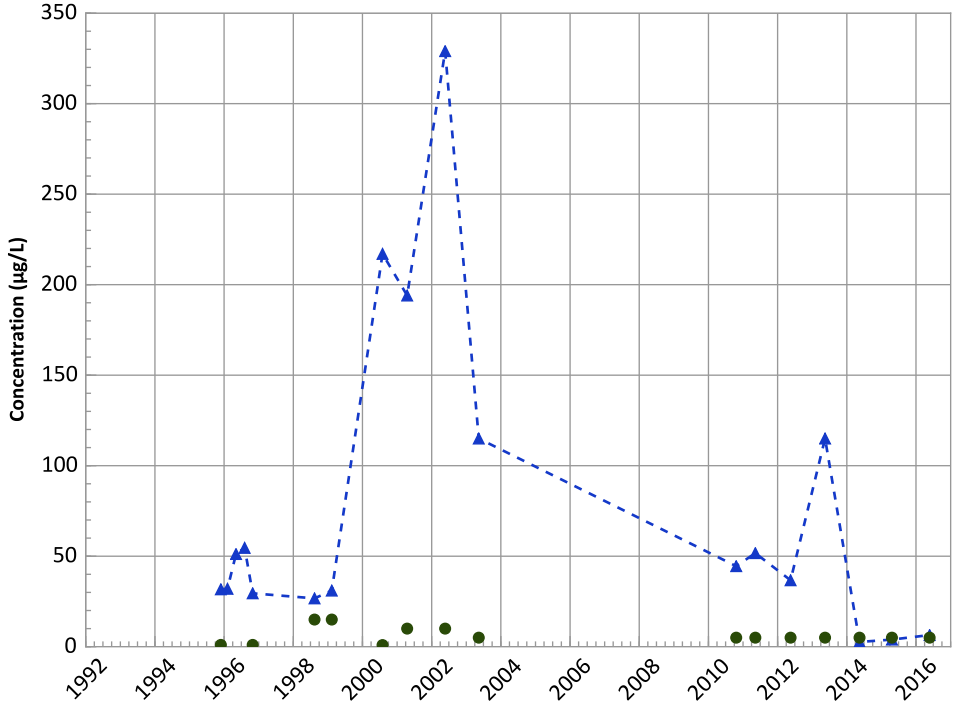


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Manganese Trend



Concentration Trend

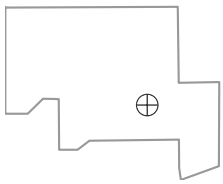
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/07/1992 to 05/24/2016
Analysis Date: 03/07/2017

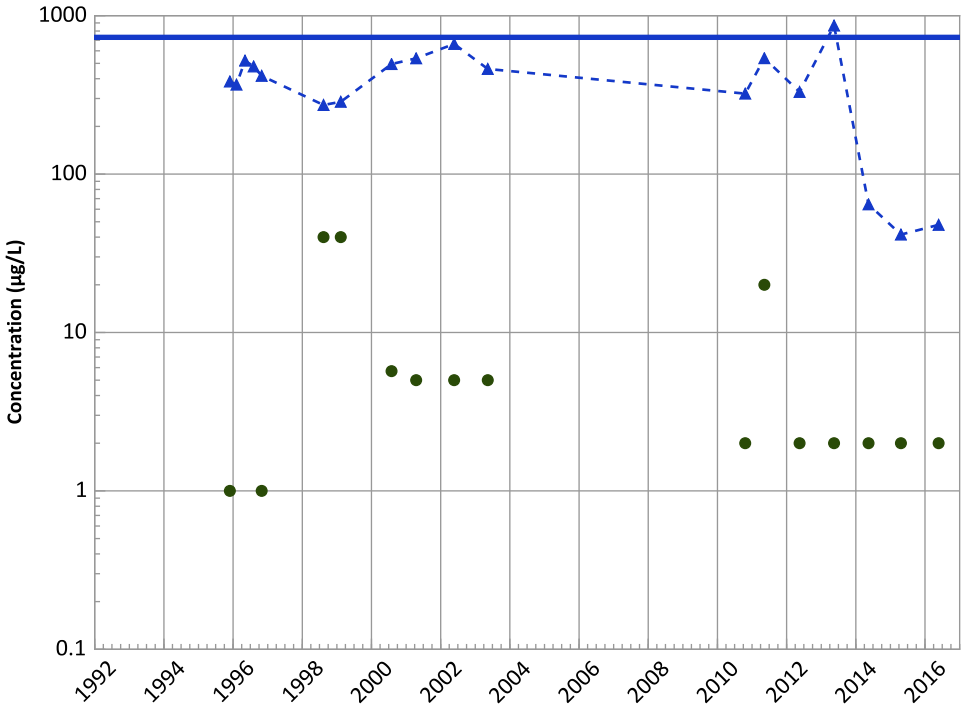
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

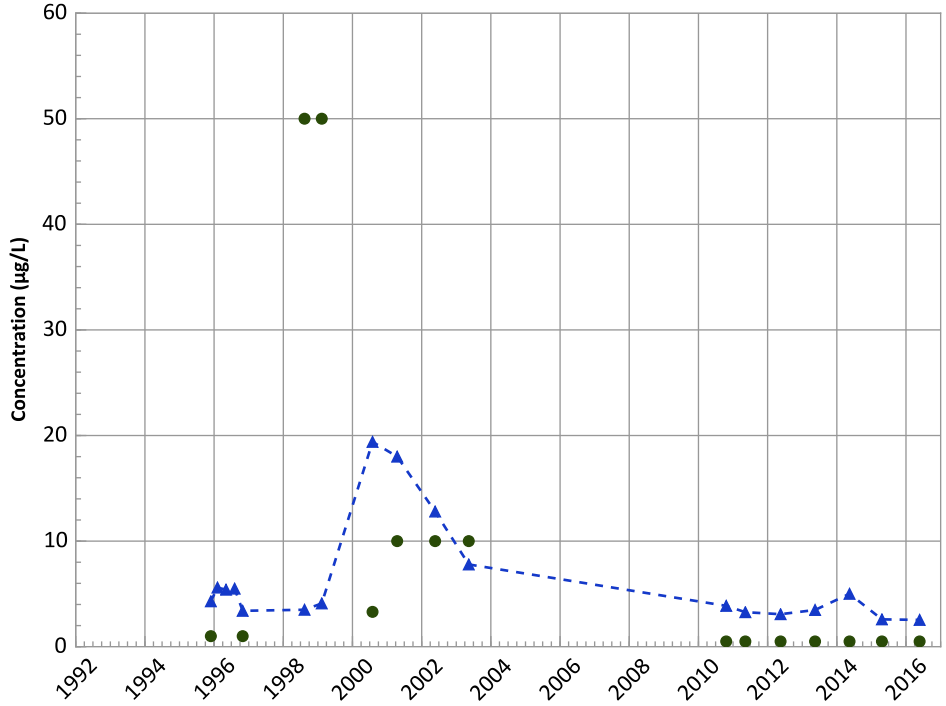


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Molybdenum Trend



Concentration Trend

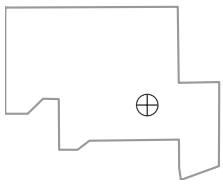
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/07/1992 to 05/24/2016
Analysis Date: 03/07/2017

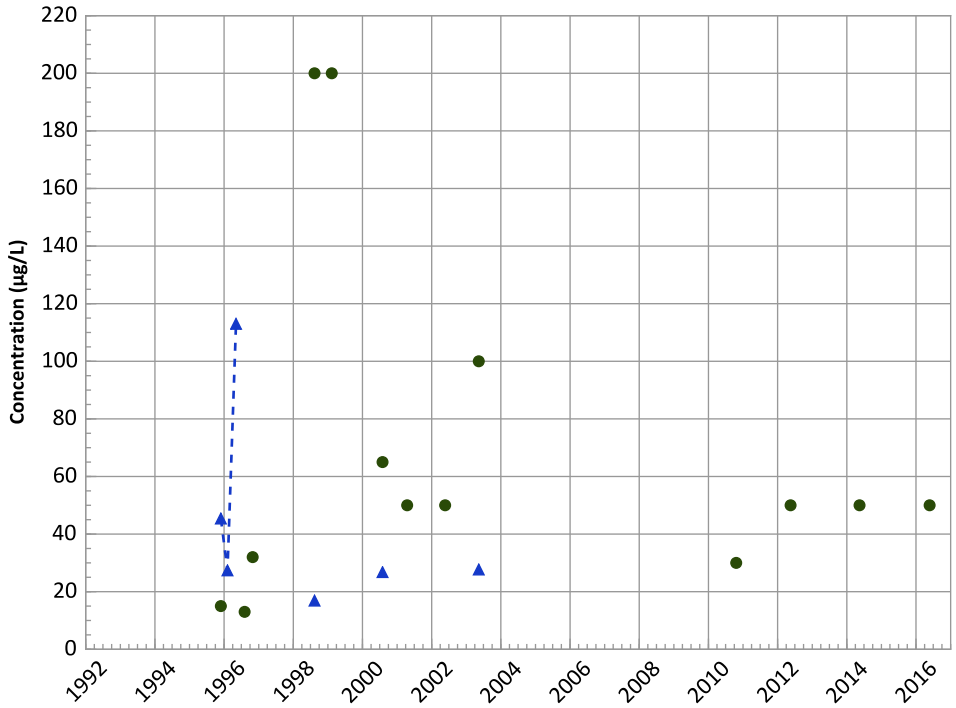
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
━ Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

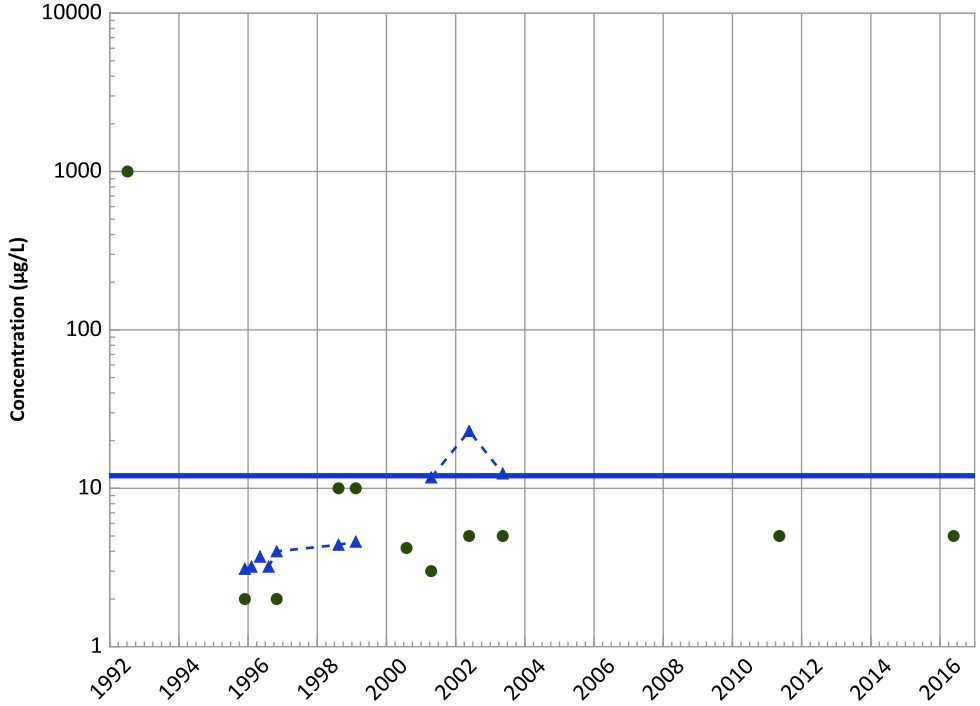


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Stable

Arsenic Trend



Concentration Trend

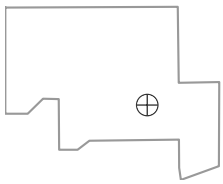
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/07/1992 to 05/24/2016
Analysis Date: 03/07/2017

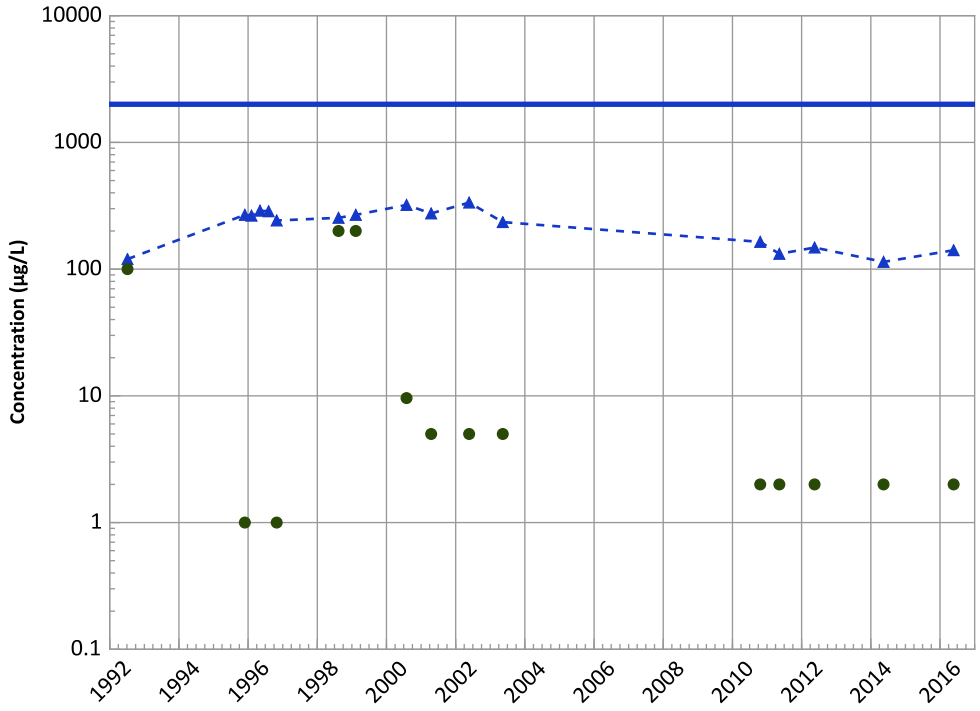
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

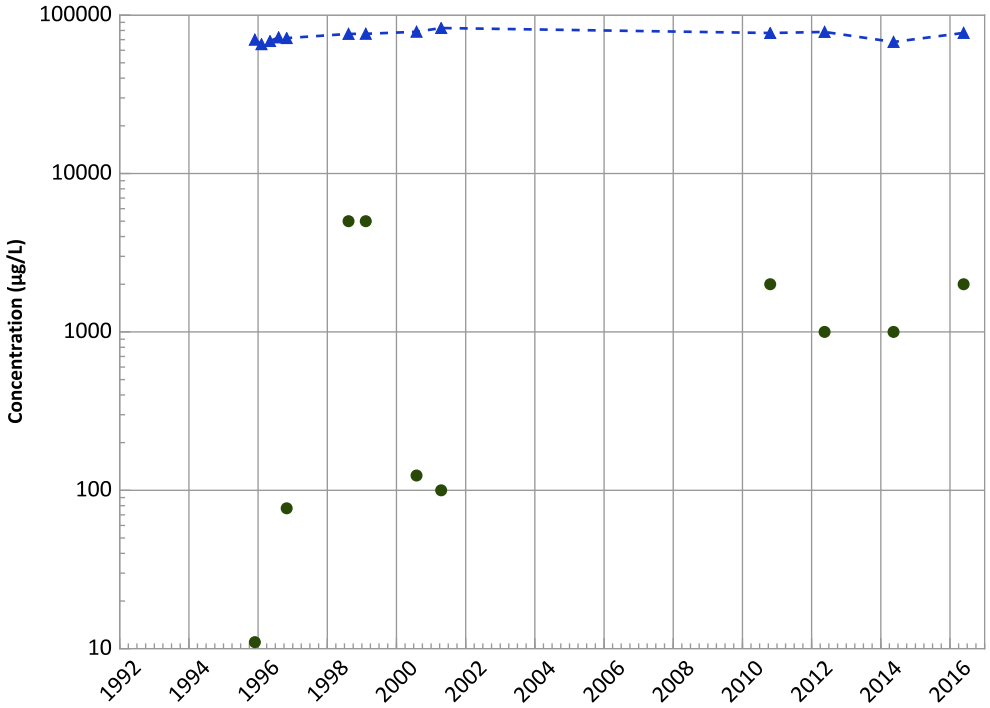


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Calcium Trend



Concentration Trend

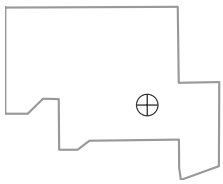
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/07/1992 to 05/24/2016
Analysis Date: 03/07/2017

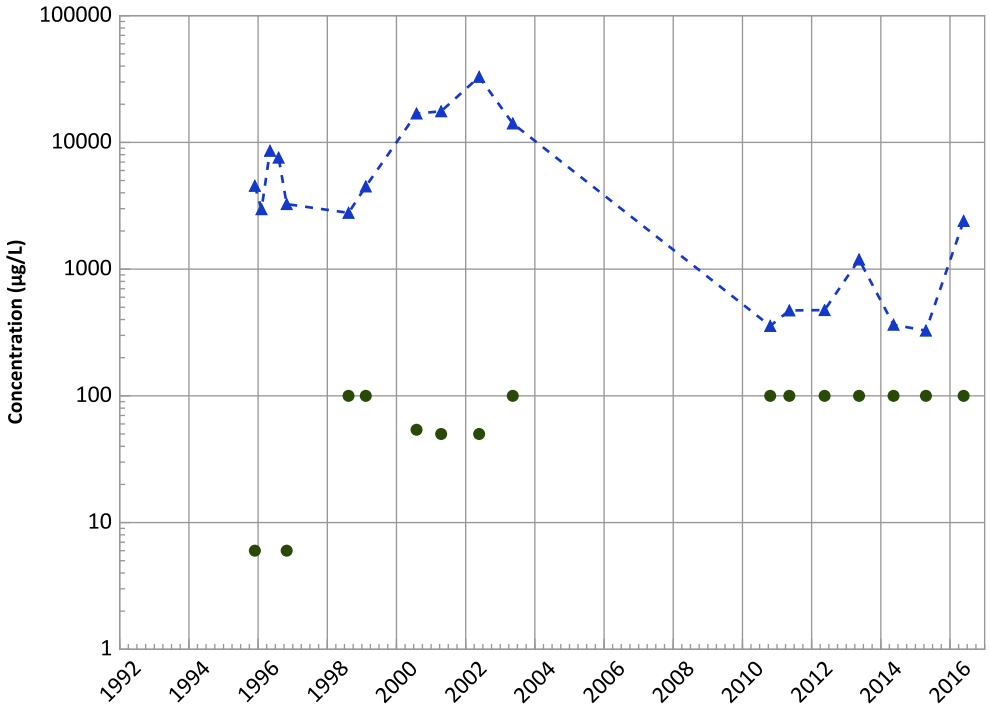
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

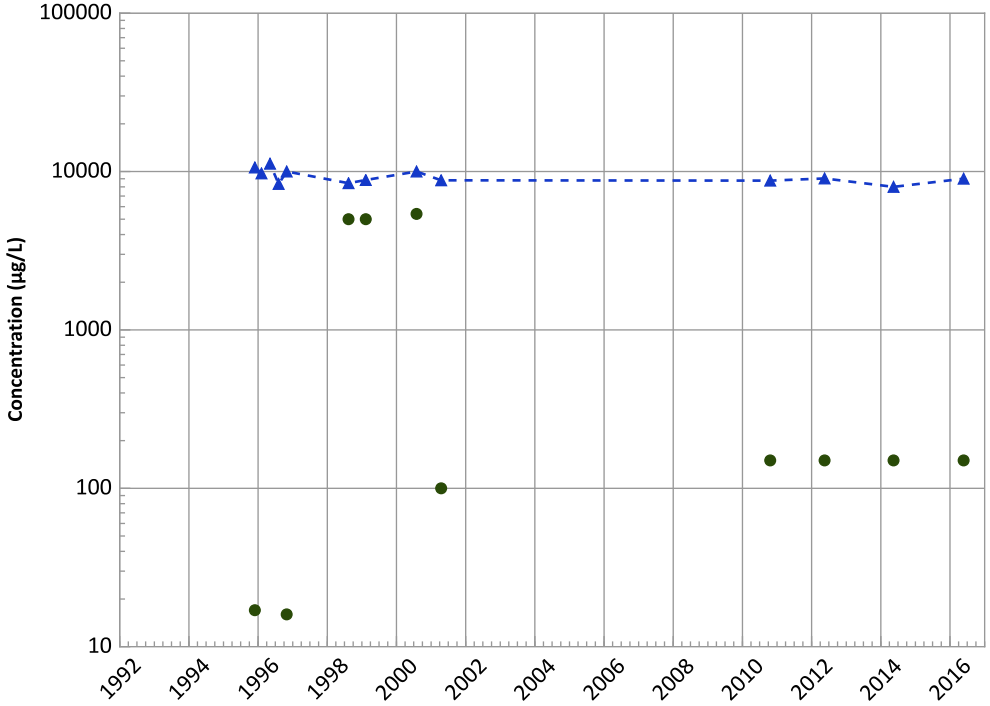


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Potassium Trend



Concentration Trend

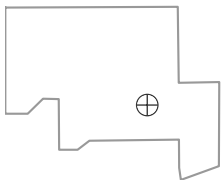
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/07/1992 to 05/24/2016
Analysis Date: 03/07/2017

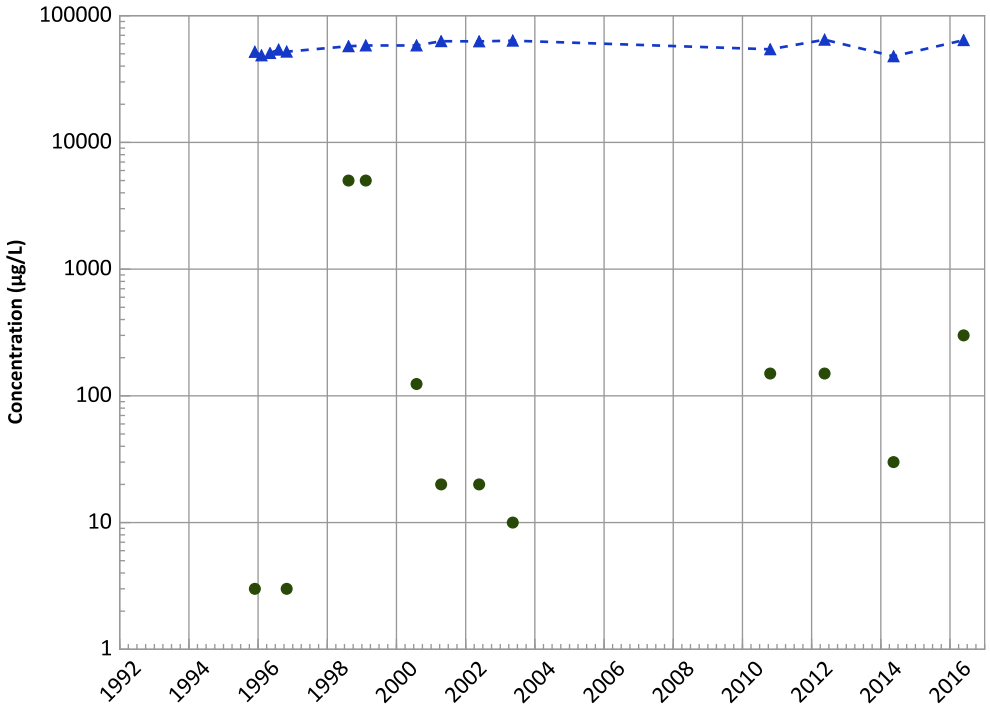
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

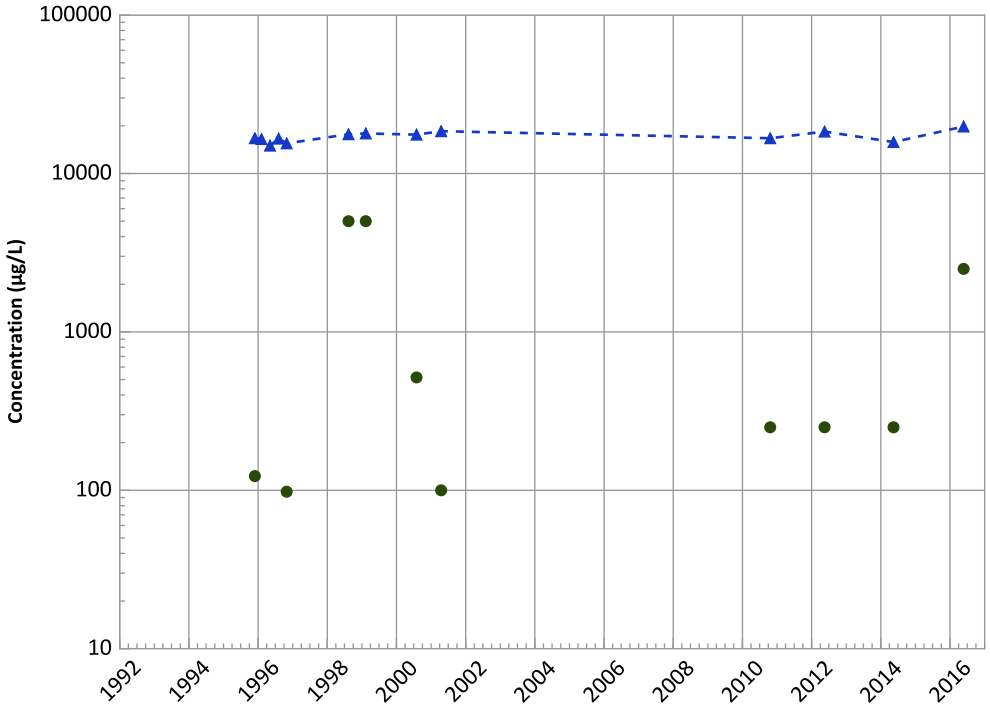


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Sodium Trend



Concentration Trend

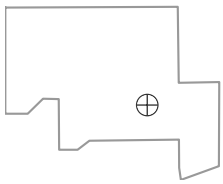
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 07/07/1992 to 05/24/2016
Analysis Date: 03/07/2017

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



ISB Performance Monitoring Well Concentration Trends

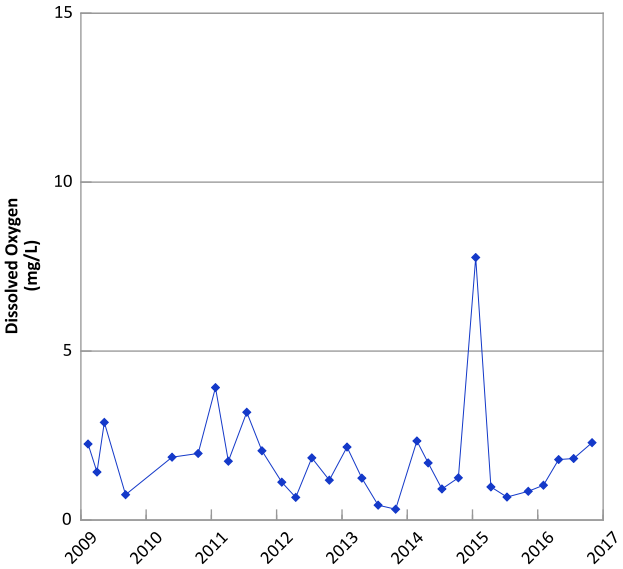
Well	Easting	Northing	COC	First_Date	Last_Date	NumS_AD	NumD_AD	AlIND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_L4S	NumD_L4S	AlIND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_SSRA	NumD_SSRA	AlIND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA	NumS_5YRP	NumD_5YRP	AlIND_5YRP	CV_5YRP	MKS_5YRP	Conf_5YRP	Trend_5YRP
PTX06-1012	634640.91	3755068.80	RDX	2/10/2009	10/31/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	27	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	HMX	2/10/2009	10/31/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	27	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	TNT	2/10/2009	10/31/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	27	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	DNT24	2/10/2009	10/31/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	27	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	DNT26	2/10/2009	10/31/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	27	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	DNT2A	2/10/2009	10/31/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	27	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	DNT4A	2/10/2009	10/31/2016	29	1	No	0	0.00	0	(<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	26	1	No	0	0.00	0	(<4 Detections in Datas	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	TNB135	2/10/2009	10/31/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	27	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	DNB13	2/10/2009	10/31/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	27	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	DIOXANE14	2/10/2009	10/31/2016	29	27	No	0.6544	318.00	1	Increasing	4	4	No	0.11605	1.00	0.5	No Trend	27	25	No	0.6145874	278.00	1	Increasing	20	18	No	0.431108	145.00	1	Increasing
PTX06-1012	634640.91	3755068.80	PCE	2/10/2009	10/31/2016	30	15	No	0.4658	110.00	0.974	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	27	15	No	0.3973431	99.00	0.98	Increasing	20	9	No	0.391525	58.00	0.968	Increasing
PTX06-1012	634640.91	3755068.80	TCE	2/10/2009	10/31/2016	29	29	No	1.0143	-207.00	1	Decreasing	4	4	No	0.92937	-6.00	1	Decreasing	26	26	No	0.9536328	-236.00	1	Decreasing	20	20	No	1.091698	-160.00	1	Decreasing
PTX06-1012	634640.91	3755068.80	DCE12C	2/10/2009	10/31/2016	30	30	No	0.8324	302.00	1	Increasing	4	4	No	0.0727	0.00	0.375	Stable	27	27	No	0.7324715	218.00	1	Increasing	20	20	No	0.615521	100.00	1	Increasing
PTX06-1012	634640.91	3755068.80	DCA12	2/10/2009	10/31/2016	30	30	No	0.8336	-109.00	1	Decreasing	4	4	No	0.16919	-5.00	1	Decreasing	27	27	No	0.7391558	-193.00	1	Decreasing	20	20	No	0.767872	-156.00	1	Decreasing
PTX06-1012	634640.91	3755068.80	TCLME	2/10/2009	10/31/2016	30	6	No	0.3238	123.00	0.986	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	27	6	No	0.2387336	104.00	0.9845	Increasing	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	VC	2/10/2009	10/31/2016	30	16	No	0.5631	-26.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	27	16	No	0.4213622	-29.00	1	Decreasing	20	14	No	0.418708	-84.00	1	Decreasing
PTX06-1012	634640.91	3755068.80	PERC	2/10/2009	10/31/2016	30	9	No	1.5721	-212.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	27	6	No	1.8634036	-162.00	1	Decreasing	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	B	9/8/2009	10/31/2016	27	27	No	0.4798	244.00	1	Increasing	4	4	No	0.09415	-2.00	1	Decreasing	27	27	No	0.4797557	244.00	1	Increasing	20	20	No	0.328681	96.00	0.999	Increasing
PTX06-1012	634640.91	3755068.80	CR	2/10/2009	10/31/2016	30	4	No	1.3033	88.00	0.92	Probably Increasing	4	1	No	0	0.00	0	(<4 Detections in Datas	27	2	No	0	0.00	0	(<4 Detections in Datas	20	1	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1012	634640.91	3755068.80	AS	4/1/2009	10/31/2016	28	20	No	0.6212	188.00	1	Increasing	4	4	No	0.24817	-2.00	1	Decreasing	27	20	No	0.636204	197.00	1	Increasing	20	19	No	0.583762	109.00	1	Increasing
PTX06-1012	634640.91	3755068.80	BA	2/10/2009	10/31/2016	29	29	No	0.3717	115.00	0.984	Increasing	4	4	No	0.06152	-4.00	1	Decreasing	27	27	No	0.3333089	62.00	0.897	No Trend	20	20	No	0.232436	-83.00	1	Decreasing
PTX06-1012	634640.91	3755068.80	FE	2/10/2009	10/31/2016	29	19	No	0.8713	109.00	0.979	Increasing	4	3	No	0	0.00	0	(<4 Detections in Datas	27	18	No	0.8599176	81.00	0.952	Increasing	20	16	No	0.781798	-14.00	1	Decreasing
PTX06-1012	634640.91	3755068.80	MN	2/10/2009	10/31/2016	29	27	No	0.7014	168.00	0.999	Increasing	4	4	No	0.16514	5.00	0.8955	No Trend	27	27	No	0.6495057	131.00	0.997	Increasing	20	20	No	0.449345	4.00	1	Increasing
PTX06-1012	634640.91	3755068.80	TVFA	9/8/2009	10/31/2016	27	27	No	1.6008	-86.00	1	Decreasing	4	4	No	0.51795	3.00	0.729	No Trend	27	27	No	1.6007741	-86.00	1	Decreasing	20	20	No	1.35957	-141.00	1	Decreasing
PTX06-1012	634640.91	3755068.80	CL	2/10/2009	10/31/2016	29	29	No	0.212	297.00	1	Increasing	4	4	No	0.04159	1.00	0.5	No Trend	27	27	No	0.1788618	242.00	1	Increasing	20	20	No	0.11031	95.00	0.999	Increasing
PTX06-1012	634640.91	3755068.80	TOC	4/1/2009	10/31/2016	28	25	No	1.3266	24.00	0.674	No Trend	4	4	No	0.56093	4.00	0.833	No Trend	27	25	No	1.2910793	1.00	0.5	No Trend	20	20	No	1.066219	-129.00	1	Decreasing
PTX06-1012	634640.91	3755068.80	DOC	4/1/2009	10/31/2016	28	25	No	1.3187	27.00	0.695	No Trend	4	4	No	0.543	4.00	0.833	No Trend	27	25	No	1.2833835	2.00	0.508	No Trend	20	20	No	1.054253	-126.00	1	Decreasing
PTX06-1012	634640.91	3755068.80	NITRATE	2/10/2009	10/31/2016	28	6	No	1.1887	-17.00	1	Decreasing	4	1	No	0	0.00	0	(<4 Detections in Datas	26	5	No	1.22859	-13.00	1	Decreasing	19	1	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1012	634640.91	3755068.80	SO4	2/10/2009	10/31/2016	29	25	No	1.0334	-20.00	1	Decreasing	4	4	No	0.6619	-6.00	1	Decreasing	27	23	No	1.1000751	23.00	0.675	No Trend	20	16	No	1.325358	126.00	1	Increasing
PTX06-1012	634640.91	3755068.80	C2H4	4/1/2009	10/31/2016	26	1	No	0	0.00	0	(<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	25	1	No	0	0.00	0	(<4 Detections in Datas	18	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	C2H6	4/1/2009	10/31/2016	28	1	No	0	0.00	0	(<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	27	1	No	0	0.00	0	(<4 Detections in Datas	20	1	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1012	634640.91	3755068.80	CH4	4/1/2009	10/31/2016	28	28	No	0.7859	-24.00	1	Decreasing	4	4	No	0.28437	5.00	0.8955	No Trend	27	27	No	0.7737441	-44.00	1	Decreasing	20	20	No	0.707117	-126.00	1	Decreasing
PTX06-1037	641549.25	3752194.06	RDX	8/4/2009	11/2/2016	27	15	No	2.7668	-262.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	27	15	No	2.766769	-262.00	1	Decreasing	20	8	No	1.194997	-107.00	1	Decreasing
PTX06-1037	641549.25	3752194.06	HMX	8/4/2009	11/2/2016	27	13	No	2.2982	-132.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	27	13	No	2.2982254	-132.00	1	Decreasing	20	6	No	1.576774	-8.00	1	Decreasing
PTX06-1037	641549.25	3752194.06	TNT	8/4/2009	11/2/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	27	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DNT24	8/4/2009	11/2/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	27	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DNT26	8/4/2009	11/2/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	27	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DNT2A	8/4/2009	11/2/2016	27	4	No	1.6204	-76.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	27	4	No	1.6204136	-76.00	1	Decreasing	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DNT4A	8/4/2009	11/2/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	27	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	TNB135	8/4/2009	11/2/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	27	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DNB13	8/4/2009	11/2/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	27	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	PCE	8/4/2009	11/2/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	27	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	TCE	8/4/2009	11/2/2016	27	9	No	0.3028	32.00	0.739	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	27	9	No	0.3027847	32.00	0.739	No Trend	20	3	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1037	641549.25	3752194.06	DCE12C	8/4/2009	11/2/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	27	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DCA12	8/4/2009	11/2/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	27	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	TCLME	8/4/2009	11/2/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	27	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	VC	8/4/2009	11/2/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	27	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	B	8/4/2009	11/2/2016	27	27	No	0.1175	2.00	0.508	No Trend	4	4	No	0.04983	0.00	0.375	Stable	27	27	No	0.1175272	2.00	0.508	No Trend	20	20	No	0.095123	-14.00	1	Decreasing
PTX06-1037	641549.25	3752194.06	CR	8/4/2009	11/2/2016	27	2	No	0	0.00	0	(<4 Detections in Datas	4	1	No	0	0.00	0	(<4 Detections in Datas	27	2	No	0	0.00	0	(<4 Detections in Datas	20	2	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1037	641549.25	3752194.06	CR-6	8/4/2009	11/2/2016	26	4	No	0.2124	-162.00	1	Decreasing	4	2	No	0	0.00	0	(<4 Detections in Datas	26	4	No	0.2123716	-162.00	1	Decreasing	19	4	No	0.213126	-64.00	1	Decreasing
PTX06-1037	641549.25	3752194.06	AS	8/4/2009	11/2/2016	27	27	No	0.8022	156.00	1	Increasing	4	4	No	0.1552	-3.00	1	Decreasing	27	27	No	0.8022311	156.00	1	Increasing	20	20	No	0.763522	127.00	1	Increasing
PTX06-1037	641549.25	3752194.06	BA	8/4/2009	11/2/2016	27	27	No	0.5519	294.00	1	Increasing	4	4	No	0.1182	-3.00	1	Decreasing	27	27	No	0.5519001	294.00	1	Increasing	20	20	No	0.409227	143.00	1	Increasing
PTX06-1037	641549.25	3752194.06	FE	8/4/2009	11/2/2016	27	27	No	1.129	165.00	1	Increasing	4	4	No	0.11168	-2.00	1	Decreasing	27	27	No	1.1289577	165.00	1	Increasing	20	20	No	1.013521	139.00	1	Increasing
PTX06-1037	641549.25	3752194.06	MN	8/4/2009	11/2/2016	27	27	No	0.8336	156.00	1	Increasing	4	4	No	0.1485	-6.00	1	Decreasing	27	27	No	0.8359546	156.00	1	Increasing	20	20	No	0.580307	95.00	0.999	Increasing
PTX06-1037	641549.25	3752194.06	TVFA	8/4/2009	11/2/2016	27	26	No	2.1219	-77.00	1	Decreasing	4	4	No	1.4327	-2.00	1	Decreasing	27	26	No	2.1218796	-77.00	1	Decreasing	20	20	No	1.193237	-6.00	1	Decreasing
PTX06-1037	641549.25	3752194.06	CL	8/4/2009	11/2/2016	27	27	No	0.0703	150.00	0.999	Increasing	4	4	No	0.06382	-5.00	1	Decreasing	27	27	No	0.0703308	150.00	0.999	Increasing	20	20	No	0.073763	99.00	0.9995	Increasing
PTX06-1037	641549.25	3752194.06	TOC	8/4/2009	11/2/2016	27	27	No	0.7618	136.00	0.998	Increasing	4	4	No	0.24046	3.00	0.729	No Trend	27	27	No	0.7617676	136.00	0.998	Increasing	20	20	No	0.55306	70.00	0.988	Increasing
PTX06-1037	641549.25	3752194.06	DOC	8/4/2009	11/2/2016	27	27	No	0.69	147.00	0.999	Increasing	4	4	No	0.27454	3.00	0.729	No Trend	27	27	No	0.6899559	147.00	0.999	Increasing	20	20	No	0.4836	80.00	0.995	Increasing
PTX06-1037	641549.25	3752194.06	NITRATE	8/4/2009	11/2/2016	27	10	No	5.1944	48.00	0.979	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	27	10	No	5.1944407	48.00	0.979	Increasing	20	9	No	4.470858	25.00	0.7795	No Trend
PTX06-1037	641549.25	3752194.06	SO4	8/4/2009	11/2/2016	27	27	No	0.3479	-132.00	1	Decreasing	4	4	No	0.36799	6.00	0.958	Increasing	27	27	No	0.347945	-132.00	1	Decreasing	20	20	No	0.311982	-63.00	1	Decreasing
PTX06-1045	642697.65	3752300.00	TVFA	8/3/2009	5/12/2010	2	2	No	0	0.00	0	৯ (<4 Samples in Datas	2	2	No	0	0.00	0	৯ (<4 Samples in Datas	2	2	No	0	0.00	0	৯ (<4 Samples in Datas	0	0	Yes	0	0.00	0	৯ (<4 Samples in Dataset)
PTX06-1098	640266.14	3753628.43	RDX	8/31/2009	11/3/2016	13	1	No	0	0.00	0	(<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	13	1	No	0	0.00	0	(<4 Detections in Datas	10	1	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1098	640266.14	3753628.43	HMX	8/31/2009	11/3/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	TNT	8/31/2009	11/3/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	DNT24	8/31/2009	11/3/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	DNT26	8/31/2009	11/3/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	DNT2A	8/31/2009	11/3/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	DNT4A	8/31/2009	11/3/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	TNB135	8/31/2009	11/3/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	DNB13	8/31/2009	11/3/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	PCE	8/31/2009	11/3/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	TCE	8/31/2009	11/3/2016	14	4	No	0.2	45.00	0.993	Increasing	4	4	No	0.13953	5.00	0.8955	No Trend	14	4	No	0.1999657	45.00	0.993	Increasing	10	4	No	0.214609	29.00	0.995	Increasing
PTX06-1098	640266.14	3753628.43	DCE12C	8/31/2009	11/3/2016	14	14	No	0.3466	17.00	0.806	No Trend	4	4	No	0.29298	-5.00	1	Decreasing	14	14	No	0.3465819	17.00	0.806	No Trend	10	10	No	0.329529	-11.00	1	Decreasing
PTX06-1098	640266.14	3753628.43	DCA12	8/31/2009	11/3/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	TCLME	8/31/2009	11/3/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	VC	8/31/2009	11/3/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	B	8/31/2009	11/3/2016	14	14	No	0.3097	-54.00	1	Decreasing	4	4	No	0.13381	-2.00	1	Decreasing	14	14	No	0.3097407	-54.00	1	Decreasing	10	10	No	0.280553	-34.00	1	Decreasing
PTX06-1098	640266.14	3753628.43	CR	8/31/2009	11/3/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	CR-6	8/31/2009	11/3/2016	14	9	No	0.7328	-43.00	1	Decreasing	4	1	No	0	0.00	0	(<4 Detections in Datas	14	9	No	0.7328316	-43.00	1	Decreasing	10	6	No	0.85047	-23.00	1	Decreasing
PTX06-1098	640266.14	3753628.43	AS	8/31/2009	11/3/2016	14	14	No	0.6484	-25.00	1	Decreasing	4	4	No	0.0355	-3.00	1	Decreasing	14	14	No	0.6484079	-25.00	1	Decreasing	10	10	No	0.304966	17.00	0.922	Probably Increasing
PTX06-1098	640266.14	3753628.43	BA	8/31/2009	11/3/2016	14	14	No	0.3307	-82.00	1	Decreasing	4	4	No	0.0732	-2.00	1	Decreasing	14	14	No	0.3307392	-82.00	1	Decreasing	10	10	No	0.178135	-38.00	1	Decreasing
PTX06-1098	640266.14	3753628.43	FE	8/31/2009	11/3/2016	14	14	No	1.137	-72.00	1	Decreasing	4	4	No	0.26771	-5.00	1	Decreasing	14	14	No	1.1369877	-72.00	1	Decreasing	10	10	No	0.60704	-26.00	1	Decreasing
PTX06-1098	640266.14	3753628.43	MN	8/31/2009	11/3/2016	14	14	No	0.426	-62.00	1	Decreasing	4	4	No	0.03579	-1.00	1	Decreasing	14	14	No	0.4260309	-62.00	1	Decreasing	10	10	No	0.161969	-18.00	1	Decreasing
PTX06-1098	640266.14	3753628.43	TVFA	8/31/2009	11/3/2016	14	13	No	2.7758	-43.00	1	Decreasing	4	3	No	0	0.00	0	(<4 Detections in Datas	14	13	No	2.7758453	-43.00	1	Decreasing	10	9	No	1.783655	-9.00	1	Decreasing
PTX06-1098	640266.14	3753628.43	CL	8/31/2009	11/3/2016	14	14	No	0.0714	-13.00	1	Decreasing	4	4	No	0.04801	6.00	0.958	Increasing	14	14	No	0.0713618	-13.00	1	Decreasing	10	10	No

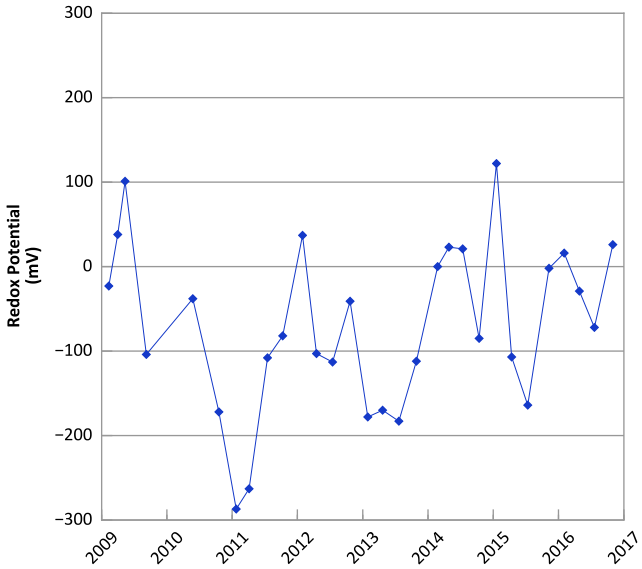
Well	Easting	Northing	COC	First_Date	Last_Date	NumS_AD	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_L4S	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_SSRA	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA	NumS_5YRP	NumD_5YRP	AllND_5YRP	CV_5YRP	MKS_5YRP	Conf_5YRP	Trend_5YRP
PTX06-1101	640383.57	3753437.09	RDX	9/3/2009	8/16/2016	8	3	No	0	0.00	0	(<4 Detections in Datas	4	3	No	0	0.00	0	(<4 Detections in Datas	8	3	No	0	0.00	0	(<4 Detections in Datas	5	3	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1101	640383.57	3753437.09	HMX	9/3/2009	8/16/2016	7	4	No	1.0624	18.00	0.997	Increasing	4	3	No	0	0.00	0	(<4 Detections in Datas	7	4	No	1.0623928	18.00	0.997	Increasing	5	3	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1101	640383.57	3753437.09	TNT	9/3/2009	8/16/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	DNT24	9/3/2009	8/16/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	DNT26	9/3/2009	8/16/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	DNT2A	9/3/2009	8/16/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	DNT4A	9/3/2009	8/16/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	TNB135	9/3/2009	8/16/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	DNB13	9/3/2009	8/16/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	PCE	9/3/2009	8/16/2016	8	1	No	0	0.00	0	(<4 Detections in Datas	4	1	No	0	0.00	0	(<4 Detections in Datas	8	1	No	0	0.00	0	(<4 Detections in Datas	5	1	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1101	640383.57	3753437.09	TCE	9/3/2009	8/16/2016	8	7	No	1.0373	18.00	0.984	Increasing	4	4	No	0.78476	4.00	0.833	No Trend	8	7	No	1.0373403	18.00	0.984	Increasing	5	5	No	0.781441	4.00	0.758	No Trend
PTX06-1101	640383.57	3753437.09	DCE12C	9/3/2009	8/16/2016	8	8	No	0.5445	-1.00	1	Decreasing	4	4	No	0.86622	-5.00	1	Decreasing	8	8	No	0.5445365	-1.00	1	Decreasing	5	5	No	0.728279	-5.00	1	Decreasing
PTX06-1101	640383.57	3753437.09	DCA12	9/3/2009	8/16/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	TCLME	9/3/2009	8/16/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	VC	9/3/2009	8/16/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	B	9/3/2009	8/16/2016	8	7	No	0.5325	-12.00	1	Decreasing	4	3	No	0	0.00	0	(<4 Detections in Datas	8	7	No	0.5325428	-12.00	1	Decreasing	5	4	No	0.529007	-2.00	1	Decreasing
PTX06-1101	640383.57	3753437.09	CR	9/3/2009	8/16/2016	8	2	No	0	0.00	0	(<4 Detections in Datas	4	2	No	0	0.00	0	(<4 Detections in Datas	8	2	No	0	0.00	0	(<4 Detections in Datas	5	2	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1101	640383.57	3753437.09	CR-6	9/3/2009	8/16/2016	8	4	No	0.4457	-18.00	1	Decreasing	4	1	No	0	0.00	0	(<4 Detections in Datas	8	4	No	0.4456572	-18.00	1	Decreasing	5	2	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1101	640383.57	3753437.09	AS	9/3/2009	8/16/2016	8	8	No	0.4619	-10.00	1	Decreasing	4	4	No	0.5876	2.00	0.625	No Trend	8	8	No	0.4619079	-10.00	1	Decreasing	5	5	No	0.512367	4.00	0.758	No Trend
PTX06-1101	640383.57	3753437.09	BA	9/3/2009	8/16/2016	8	8	No	0.7322	-18.00	1	Decreasing	4	4	No	0.81389	2.00	0.625	No Trend	8	8	No	0.7322263	-18.00	1	Decreasing	5	5	No	0.720712	-2.00	1	Decreasing
PTX06-1101	640383.57	3753437.09	FE	9/3/2009	8/16/2016	8	7	No	0.8944	-14.00	1	Decreasing	4	3	No	0	0.00	0	(<4 Detections in Datas	8	7	No	0.8944281	-14.00	1	Decreasing	5	4	No	0.737877	4.00	0.758	No Trend
PTX06-1101	640383.57	3753437.09	MN	9/3/2009	8/16/2016	8	8	No	0.7398	-20.00	1	Decreasing	4	4	No	0.75624	2.00	0.625	No Trend	8	8	No	0.7398248	-20.00	1	Decreasing	5	5	No	0.653386	-2.00	1	Decreasing
PTX06-1101	640383.57	3753437.09	TVFA	9/3/2009	8/16/2016	8	8	No	0.4036	6.00	0.726	No Trend	4	4	No	0.56404	0.00	0.375	Stable	8	8	No	0.4035736	6.00	0.726	No Trend	5	5	No	0.480575	0.00	0.408	Stable
PTX06-1101	640383.57	3753437.09	CL	9/3/2009	8/16/2016	8	8	No	0.0715	-25.00	1	Decreasing	4	4	No	0.06491	-3.00	1	Decreasing	8	8	No	0.0714798	-25.00	1	Decreasing	5	5	No	0.060029	-7.00	1	Decreasing
PTX06-1101	640383.57	3753437.09	TOC	9/3/2009	8/16/2016	8	8	No	1.0235	-3.00	1	Decreasing	4	4	No	1.22474	-3.00	1	Decreasing	8	8	No	1.0235431	-3.00	1	Decreasing	5	5	No	0.959666	-5.00	1	Decreasing
PTX06-1101	640383.57	3753437.09	DOC	9/3/2009	8/16/2016	8	8	No	0.9374	-4.00	1	Decreasing	4	4	No	1.25363	-4.00	1	Decreasing	8	8	No	0.9373942	-4.00	1	Decreasing	5	5	No	0.976732	-6.00	1	Decreasing
PTX06-1101	640383.57	3753437.09	NITRATE	9/3/2009	8/16/2016	8	2	No	0	0.00	0	(<4 Detections in Datas	4	1	No	0	0.00	0	(<4 Detections in Datas	8	2	No	0	0.00	0	(<4 Detections in Datas	5	1	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1101	640383.57	3753437.09	SO4	9/3/2009	8/16/2016	8	8	No	0.5804	9.00	0.8315	No Trend	4	4	No	0.56974	6.00	0.958	Increasing	8	8	No	0.5804008	9.00	0.8315	No Trend	5	5	No	0.62149	10.00	0.992	Increasing
PTX06-1118	641644.92	3752736.07	TVFA	3/5/2009	8/5/2009	2	2	No	0	0.00	0	٩ (<4 Samples in Datas	2	2	No	0	0.00	0	٩ (<4 Samples in Datas	1	1	No	0	0.00	0	٩ (<4 Samples in Datas	0	0	Yes	0	0.00	0	٩ (<4 Samples in Dataset)
PTX06-1123	642051.96	3752319.94	TVFA	3/2/2009	8/5/2015	23	23	No	1.3661	-28.00	1	Decreasing	4	4	No	0.8637	-4.00	1	Decreasing	22	22	No	1.4157739	-16.00	1	Decreasing	14	14	No	1.163243	36.00	0.9725	Increasing
PTX06-1148	636467.02	3754719.67	RDX	8/26/2009	11/1/2016	21	9	No	0.7073	-73.00	1	Decreasing	4	1	No	0	0.00	0	(<4 Detections in Datas	21	9	No	0.7073014	-73.00	1	Decreasing	16	4	No	0.857732	-14.00	1	Decreasing
PTX06-1148	636467.02	3754719.67	HMX	8/26/2009	11/1/2016	21	11	No	0.8353	-85.00	1	Decreasing	4	1	No	0	0.00	0	(<4 Detections in Datas	21	11	No	0.8353146	-85.00	1	Decreasing	16	6	No	0.96178	-27.00	1	Decreasing
PTX06-1148	636467.02	3754719.67	TNT	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	DNT24	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	DNT26	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	DNT2A	8/26/2009	11/1/2016	21	1	No	0	0.00	0	(<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	21	1	No	0	0.00	0	(<4 Detections in Datas	16	1	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1148	636467.02	3754719.67	DNT4A	8/26/2009	11/1/2016	21	1	No	0	0.00	0	(<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	21	1	No	0	0.00	0	(<4 Detections in Datas	16	1	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1148	636467.02	3754719.67	TNB135	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	DNB13	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	DIOXANE14	8/26/2009	11/1/2016	21	4	No	0.5556	61.00	1	Increasing	4	3	No	0	0.00	0	(<4 Detections in Datas	21	4	No	0.5555538	61.00	1	Increasing	16	3	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1148	636467.02	3754719.67	PCE	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	TCE	8/26/2009	11/1/2016	21	20	No	0.5265	42.00	1	Increasing	4	4	No	0.15119	4.00	0.833	No Trend	21	20	No	0.526538	42.00	1	Increasing	16	16	No	0.328297	-44.00	1	Decreasing
PTX06-1148	636467.02	3754719.67	DCE12C	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	DCA12	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	TCLME	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	VC	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	PERC	8/26/2009	11/1/2016	21	21	No	0.5015	-82.00	1	Decreasing	4	4	No	0.34136	2.00	0.625	No Trend	21	21	No	0.5014819	-82.00	1	Decreasing	16	16	No	0.535864	-92.00	1	Decreasing
PTX06-1148	636467.02	3754719.67	B	8/26/2009	11/1/2016	21	21	No	0.231	130.00	1	Increasing	4	4	No	0.15567	-3.00	1	Decreasing	21	21	No	0.2309756	130.00	1	Increasing	16	16	No	0.208848	69.00	0.999	Increasing
PTX06-1148	636467.02	3754719.67	CR	1/23/2014	11/1/2016	12	12	No	0.6105	1.00	0.5	No Trend	4	4	No	0.2825	0.00	0.375	Stable	12	12	No	0.6105194	1.00	0.5	No Trend	12	12	No	0.610519	1.00	0.5	No Trend
PTX06-1148	636467.02	3754719.67	AS	1/23/2014	11/1/2016	12	10	No	0.2228	8.00	0.681	No Trend	4	3	No	0	0.00	0	(<4 Detections in Datas	12	10	No	0.2227699	8.00	0.681	No Trend	12	10	No	0.22277	8.00	0.681	No Trend
PTX06-1148	636467.02	3754719.67	BA	5/11/2010	11/1/2016	14	14	No	0.3917	65.00	1	Increasing	4	4	No	0.17314	-5.00	1	Decreasing	14	14	No	0.391652	65.00	1	Increasing	13	13	No	0.359437	54.00	1	Increasing
PTX06-1148	636467.02	3754719.67	FE	5/11/2010	11/1/2016	14	14	No	0.5256	7.00	0.626	No Trend	4	4	No	0.4116	-2.00	1	Decreasing	14	14	No	0.525577	7.00	0.626	No Trend	13	13	No	0.492135	-6.00	1	Decreasing
PTX06-1148	636467.02	3754719.67	MN	5/11/2010	11/1/2016	14	14	No	0.5885	27.00	0.921	Probably Increasing	4	4	No	0.53721	-6.00	1	Decreasing	14	14	No	0.5884552	27.00	0.921	Probably Increasing	13	13	No	0.604604	32.00	0.971	Increasing
PTX06-1148	636467.02	3754719.67	TVFA	5/1/2013	11/1/2016	13	13	No	1.0396	-40.00	1	Decreasing	4	4	No	0.11819	-4.00	1	Decreasing	13	13	No	1.0395955	-40.00	1	Decreasing	13	13	No	1.039596	-40.00	1	Decreasing
PTX06-1148	636467.02	3754719.67	CL	5/11/2010	11/1/2016	14	14	No	0.1229	47.00	0.995	Increasing	4	4	No	0.05329	-1.00	1	Decreasing	14	14	No	0.1228712	47.00	0.995	Increasing	13	13	No	0.091804	34.00	0.979	Increasing
PTX06-1148	636467.02	3754719.67	TOC	5/1/2013	11/1/2016	13	13	No	0.9695	37.00	0.987	Increasing	4	4	No	0.93165	3.00	0.729	No Trend	13	13	No	0.9695328	37.00	0.987	Increasing	13	13	No	0.969533	37.00	0.987	Increasing
PTX06-1148	636467.02	3754719.67	DOC	1/23/2014	11/1/2016	12	12	No	0.6032	29.00	0.9735	Increasing	4	4	No	0.63988	0.00	0.375	Stable	12	12	No	0.6031718	29.00	0.9735	Increasing	12	12	No	0.603172	29.00	0.9735	Increasing
PTX06-1148	636467.02	3754719.67	NITRATE	5/11/2010	11/1/2016	15	15	No	0.6337	-87.00	1	Decreasing	4	4	No	0.13403	2.00	0.625	No Trend	15	15	No	0.6336686	-87.00	1	Decreasing	14	14	No	0.650164	-75.00	1	Decreasing
PTX06-1148	636467.02	3754719.67	SO4	5/11/2010	11/1/2016	15	15	No	0.331	-89.00	1	Decreasing	4	4	No	0.04273	-3.00	1	Decreasing	15	15	No	0.330577	-89.00	1	Decreasing	14	14	No	0.238907	-75.00	1	Decreasing
PTX06-1148	636467.02	3754719.67	C2H4	1/23/2014	11/1/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	C2H6	1/23/2014	11/1/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	CH4	1/23/2014	11/1/2016	12	7	No	0.7669	14.00	0.81	No Trend	4	1	No	0	0.00	0	(<4 Detections in Datas	12	7	No	0.76686	14.00	0.81	No Trend	12	7	No	0.76686	14.00	0.81	No Trend
PTX06-1149	635864.13	3754717.64	RDX	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	HMX	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	TNT	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	DNT24	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	DNT26	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	DNT2A	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	DNT4A	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	TNB135	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	DNB13	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	DIOXANE14	8/26/2009	11/1/2016	21	3	No	0	0.00	0	(<4 Detections in Datas	4	2	No	0	0.00	0	(<4 Detections in Datas	21	3	No	0	0.00	0	(<4 Detections in Datas	16	3	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1149	635864.13	3754717.64	PCE	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	TCE	8/26/2009	11/1/2016	21	2	No	0	0.00	0	(<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	21	2	No	0	0.00	0	(<4 Detections in Datas	16	1	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1149	635864.13	3754717.64	DCE12C	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	DCA12	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	TCLME	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	VC	8/26/2009	11/1/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	21	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	PERC	8/26/2009	11/1/2016	21	8	No	2.1575	-48.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	21	8	No	2.1575184	-48.00	1	Decreasing	16	3	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1149	635864.13	3754717.64	B	8/26/2009	11/1/2016	21	21	No	0.3534	122.00	1	Increasing	4	4	No	0.08812	0.00	0.375	Stable	21	21	No	0.353374	122.00	1	Increasing	16	16	No	0.291146	56.00	0.994	Increasing
PTX06-1149	635864.13	3754717.64	CR	1/23/2014	11/1/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	AS	1/23/2014	11/1/2016	12	12	No	0.2075	32.00	0.984	Increasing	4	4	No	0.19269	-2.00	1	Decreasing	12	12	No	0.2075327	32.00	0.984	Increasing	12	12	No	0.207533	32.00	0.984	Increasing
PTX06-1149	635864.13	3754717.64	BA	5/6/2010	11/1/2016	14	14	No	0.4575	28.00	0.929	Probably Increasing	4	4	No	0.13909	2.00	0.625	No Trend	14	14	No	0.4574571	28.00	0.929	Probably Increasing	13	13	No	0.379006	15.00	0.799	No Trend
PTX06-1149	635864.13	3754717.64	FE	5/6/2010	11/1/2016	14	14	No	0.7954	-6.00	1	Decreasing	4	4	No	0.17711	-1.00	1	Decreasing	14	14	No	0.7954286	-6.00	1	Decreasing	13	13	No	0.733582	-19.00	1	Decreasing
PTX06-1149	635864.13	3754717.64	MN	5/6/2010	11/1/2016	14	14	No	0.6712	5.

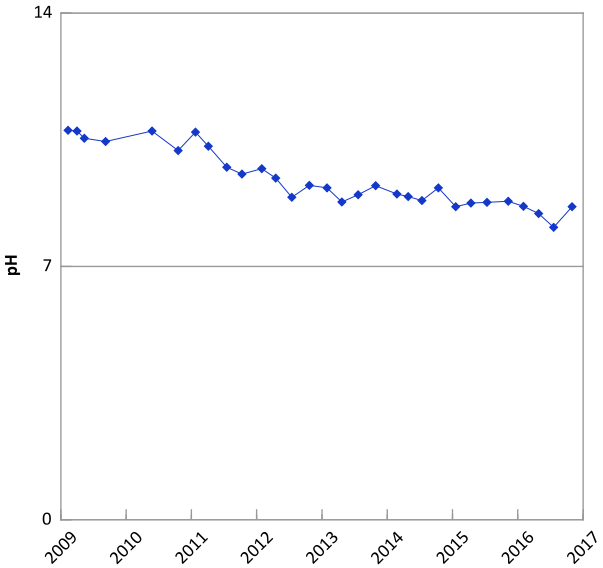
Well	Easting	Northing	COC	First_Date	Last_Date	NumS_AD	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_L4S	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_SSRA	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA	NumS_5YRP	NumD_5YRP	AllND_5YRP	CV_5YRP	MKS_5YRP	Conf_5YRP	Trend_5YRP
PTX06-1150	635233.98	3754718.24	TVFA	5/1/2013	11/1/2016	13	13	No	1.2979	-30.00	1	Decreasing	4	4	No	0.16882	0.00	0.375	Stable	13	13	No	1.297855	-30.00	1	Decreasing	13	13	No	1.297855	-30.00	1	Decreasing
PTX06-1150	635233.98	3754718.24	CL	5/11/2010	11/1/2016	14	14	No	0.0973	69.00	1	Increasing	4	4	No	0.01439	1.00	0.5	No Trend	14	14	No	0.0973216	69.00	1	Increasing	13	13	No	0.087671	56.00	1	Increasing
PTX06-1150	635233.98	3754718.24	TOC	5/1/2013	11/1/2016	13	7	No	0.6576	24.00	0.918	Probably Increasing	4	3	No	0	0.00	0	(<4 Detections in Datas	13	7	No	0.6576101	24.00	0.918	Probably Increasing	13	7	No	0.65761	24.00	0.918	Probably Increasing
PTX06-1150	635233.98	3754718.24	DOC	1/27/2014	11/1/2016	12	11	No	1.2783	-24.00	1	Decreasing	4	4	No	1.39563	-2.00	1	Decreasing	12	11	No	1.2783188	-24.00	1	Decreasing	12	11	No	1.278319	-24.00	1	Decreasing
PTX06-1150	635233.98	3754718.24	NITRATE	5/11/2010	11/1/2016	15	15	No	0.2888	-85.00	1	Decreasing	4	4	No	0.12169	-4.00	1	Decreasing	15	15	No	0.2887983	-85.00	1	Decreasing	14	14	No	0.290149	-75.00	1	Decreasing
PTX06-1150	635233.98	3754718.24	SO4	5/11/2010	11/1/2016	15	15	No	0.2127	-55.00	1	Decreasing	4	4	No	0.05128	-5.00	1	Decreasing	15	15	No	0.2126766	-55.00	1	Decreasing	14	14	No	0.215141	-61.00	1	Decreasing
PTX06-1150	635233.98	3754718.24	C2H4	1/27/2014	11/1/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	C2H6	1/27/2014	11/1/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	CH4	1/27/2014	11/1/2016	12	7	No	0.903	8.00	0.681	No Trend	4	3	No	0	0.00	0	(<4 Detections in Datas	12	7	No	0.9029996	8.00	0.681	No Trend	12	7	No	0.903	8.00	0.681	No Trend
PTX06-1153	641184.13	3752089.44	RDX	10/27/2009	11/2/2016	29	29	No	0.2704	150.00	0.998	Increasing	4	4	No	0.38718	-4.00	1	Decreasing	29	29	No	0.2703814	150.00	0.998	Increasing	20	20	No	0.233699	45.00	0.9225	Probably Increasing
PTX06-1153	641184.13	3752089.44	HMX	10/27/2009	11/2/2016	29	29	No	0.2912	173.00	0.9995	Increasing	4	4	No	0.32	-2.00	1	Decreasing	29	29	No	0.2912337	173.00	0.9995	Increasing	20	20	No	0.286753	52.00	0.951	Increasing
PTX06-1153	641184.13	3752089.44	TNT	10/27/2009	11/2/2016	29	1	No	0	0.00	0	(<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	29	1	No	0	0.00	0	(<4 Detections in Datas	20	1	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1153	641184.13	3752089.44	DNT24	10/27/2009	11/2/2016	29	2	No	0	0.00	0	(<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	29	2	No	0	0.00	0	(<4 Detections in Datas	20	1	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1153	641184.13	3752089.44	DNT26	10/27/2009	11/2/2016	29	4	No	2.7792	43.00	0.7825	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	29	4	No	2.7792174	43.00	0.7825	No Trend	20	4	No	2.340011	-42.00	1	Decreasing
PTX06-1153	641184.13	3752089.44	DNT2A	10/27/2009	11/2/2016	29	25	No	1.5979	281.00	1	Increasing	4	4	No	0.08002	2.00	0.625	No Trend	29	25	No	1.5978502	281.00	1	Increasing	20	18	No	1.316066	73.00	0.991	Increasing
PTX06-1153	641184.13	3752089.44	DNT4A	3/18/2010	11/2/2016	28	24	No	1.1617	107.00	0.982	Increasing	4	4	No	0.31789	-4.00	1	Decreasing	28	24	No	1.1616728	107.00	0.982	Increasing	20	18	No	1.08377	-39.00	1	Decreasing
PTX06-1153	641184.13	3752089.44	TNB135	10/27/2009	11/2/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1153	641184.13	3752089.44	DNB13	10/27/2009	11/2/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1153	641184.13	3752089.44	PCE	10/27/2009	11/2/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1153	641184.13	3752089.44	TCE	10/27/2009	11/2/2016	29	29	No	0.5192	-200.00	1	Decreasing	4	4	No	0.21895	2.00	0.625	No Trend	29	29	No	0.5192422	-200.00	1	Decreasing	20	20	No	0.406066	-27.00	1	Decreasing
PTX06-1153	641184.13	3752089.44	DCE12C	10/27/2009	11/2/2016	29	10	No	0.4686	93.00	0.9575	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	29	10	No	0.4686216	93.00	0.9575	Increasing	20	4	No	0.412359	56.00	0.963	Increasing
PTX06-1153	641184.13	3752089.44	DCA12	10/27/2009	11/2/2016	29	1	No	0	0.00	0	(<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	29	1	No	0	0.00	0	(<4 Detections in Datas	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1153	641184.13	3752089.44	TCLME	10/27/2009	11/2/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1153	641184.13	3752089.44	VC	10/27/2009	11/2/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1153	641184.13	3752089.44	B	10/27/2009	11/2/2016	29	29	No	0.1837	128.00	0.992	Increasing	4	4	No	0.09563	-4.00	1	Decreasing	29	29	No	0.1836945	128.00	0.992	Increasing	20	20	No	0.177679	80.00	0.995	Increasing
PTX06-1153	641184.13	3752089.44	CR	10/27/2009	11/2/2016	29	29	No	0.4087	177.00	1	Increasing	4	4	No	0.22257	-5.00	1	Decreasing	29	29	No	0.4086753	177.00	1	Increasing	20	20	No	0.26431	-3.00	1	Decreasing
PTX06-1153	641184.13	3752089.44	CR-6	10/27/2009	11/2/2016	29	26	No	0.5544	89.00	0.95	Increasing	4	4	No	0.10545	-4.00	1	Decreasing	29	26	No	0.5544477	89.00	0.95	Increasing	20	20	No	0.319426	-74.00	1	Decreasing
PTX06-1153	641184.13	3752089.44	AS	10/27/2009	11/2/2016	29	26	No	0.5248	-56.00	1	Decreasing	4	3	No	0	0.00	0	(<4 Detections in Datas	29	26	No	0.5248402	-56.00	1	Decreasing	20	17	No	0.588529	10.00	1	Increasing
PTX06-1153	641184.13	3752089.44	BA	10/27/2009	11/2/2016	29	29	No	0.551	-178.00	1	Decreasing	4	4	No	0.11793	-6.00	1	Decreasing	29	29	No	0.5510102	-178.00	1	Decreasing	20	20	No	0.270249	-3.00	1	Decreasing
PTX06-1153	641184.13	3752089.44	FE	10/27/2009	11/2/2016	29	24	No	1.2253	-73.00	1	Decreasing	4	4	No	0.44598	-2.00	1	Decreasing	29	24	No	1.2253152	-73.00	1	Decreasing	20	15	No	0.724991	15.00	0.673	No Trend
PTX06-1153	641184.13	3752089.44	MN	10/27/2009	11/2/2016	29	29	No	0.9765	-279.00	1	Decreasing	4	4	No	0.06058	-2.00	1	Decreasing	29	29	No	0.9765343	-279.00	1	Decreasing	20	20	No	0.835869	-75.00	1	Decreasing
PTX06-1153	641184.13	3752089.44	TVFA	10/27/2009	11/2/2016	29	28	No	1.9565	-20.00	1	Decreasing	4	4	No	0.57511	-2.00	1	Decreasing	29	28	No	1.9564713	-20.00	1	Decreasing	20	20	No	0.980946	6.00	1	Increasing
PTX06-1153	641184.13	3752089.44	CL	10/27/2009	11/2/2016	29	29	No	0.0369	43.00	0.7825	No Trend	4	4	No	0.02105	1.00	0.5	No Trend	29	29	No	0.0369105	43.00	0.7825	No Trend	20	20	No	0.035692	116.00	1	Increasing
PTX06-1153	641184.13	3752089.44	TOC	10/27/2009	11/2/2016	29	29	No	0.7359	6.00	0.537	No Trend	4	4	No	0.3118	0.00	0.375	Stable	29	29	No	0.7358651	6.00	0.537	No Trend	20	20	No	0.57593	-50.00	1	Decreasing
PTX06-1153	641184.13	3752089.44	DOC	10/27/2009	11/2/2016	29	29	No	0.579	-187.00	1	Decreasing	4	4	No	0.42393	0.00	0.375	Stable	29	29	No	0.5789964	-187.00	1	Decreasing	20	20	No	0.544194	-89.00	1	Decreasing
PTX06-1153	641184.13	3752089.44	NITRATE	10/27/2009	11/2/2016	29	29	No	0.4221	-40.00	1	Decreasing	4	4	No	0.34146	-6.00	1	Decreasing	29	29	No	0.4221312	-40.00	1	Decreasing	20	20	No	0.319481	-142.00	1	Decreasing
PTX06-1153	641184.13	3752089.44	SO4	10/27/2009	11/2/2016	29	29	No	0.1223	92.00	0.956	Increasing	4	4	No	0.07377	-4.00	1	Decreasing	29	29	No	0.1222635	92.00	0.956	Increasing	20	20	No	0.068896	-80.00	1	Decreasing
PTX06-1154	641870.52	3752278.90	RDX	3/18/2010	11/2/2016	27	7	No	3.5453	-114.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	27	7	No	3.5452608	-114.00	1	Decreasing	20	2	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1154	641870.52	3752278.90	HMX	10/27/2009	11/2/2016	29	9	No	2.7946	-70.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	29	9	No	2.7945849	-70.00	1	Decreasing	20	4	No	1.750345	-63.00	1	Decreasing
PTX06-1154	641870.52	3752278.90	TNT	10/27/2009	11/2/2016	29	1	No	0	0.00	0	(<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	29	1	No	0	0.00	0	(<4 Detections in Datas	20	1	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1154	641870.52	3752278.90	DNT24	10/27/2009	11/2/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	DNT26	10/27/2009	11/2/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	DNT2A	10/27/2009	11/2/2016	29	2	No	0	0.00	0	(<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	29	2	No	0	0.00	0	(<4 Detections in Datas	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	DNT4A	3/18/2010	11/2/2016	28	1	No	0	0.00	0	(<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	28	1	No	0	0.00	0	(<4 Detections in Datas	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	TNB135	10/27/2009	11/2/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	DNB13	10/27/2009	11/2/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	PCE	10/27/2009	11/2/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	TCE	10/27/2009	11/2/2016	29	17	No	0.6598	-115.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	29	17	No	0.659769	-115.00	1	Decreasing	20	8	No	0.177246	-6.00	1	Decreasing
PTX06-1154	641870.52	3752278.90	DCE12C	10/27/2009	11/2/2016	29	14	No	0.6463	-23.00	1	Decreasing	4	2	No	0	0.00	0	(<4 Detections in Datas	29	14	No	0.6463464	-23.00	1	Decreasing	20	12	No	0.739367	48.00	0.936	Probably Increasing
PTX06-1154	641870.52	3752278.90	DCA12	10/27/2009	11/2/2016	29	1	No	0	0.00	0	(<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	29	1	No	0	0.00	0	(<4 Detections in Datas	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	TCLME	10/27/2009	11/2/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	VC	10/27/2009	11/2/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	B	10/27/2009	11/2/2016	29	29	No	0.2625	-27.00	1	Decreasing	4	4	No	0.14847	1.00	0.5	No Trend	29	29	No	0.2625437	-27.00	1	Decreasing	20	20	No	0.242707	103.00	1	Increasing
PTX06-1154	641870.52	3752278.90	CR	10/27/2009	11/2/2016	29	2	No	0	0.00	0	(<4 Detections in Datas	4	1	No	0	0.00	0	(<4 Detections in Datas	29	2	No	0	0.00	0	(<4 Detections in Datas	20	2	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1154	641870.52	3752278.90	CR-6	10/27/2009	11/2/2016	27	16	No	0.627	-21.00	1	Decreasing	4	3	No	0	0.00	0	(<4 Detections in Datas	27	16	No	0.627	-21.00	1	Decreasing	19	13	No	0.708744	-3.00	1	Decreasing
PTX06-1154	641870.52	3752278.90	AS	10/27/2009	11/2/2016	29	29	No	0.4819	310.00	1	Increasing	4	4	No	0.29177	-6.00	1	Decreasing	29	29	No	0.4819403	310.00	1	Increasing	20	20	No	0.335215	108.00	1	Increasing
PTX06-1154	641870.52	3752278.90	BA	10/27/2009	11/2/2016	29	29	No	0.4987	239.00	1	Increasing	4	4	No	0.23562	-3.00	1	Decreasing	29	29	No	0.4987159	239.00	1	Increasing	20	20	No	0.373666	121.00	1	Increasing
PTX06-1154	641870.52	3752278.90	FE	10/27/2009	11/2/2016	29	29	No	0.5051	181.00	1	Increasing	4	4	No	0.3986	-6.00	1	Decreasing	29	29	No	0.5050849	181.00	1	Increasing	20	20	No	0.340401	44.00	0.918	Probably Increasing
PTX06-1154	641870.52	3752278.90	MN	10/27/2009	11/2/2016	29	29	No	0.7875	-183.00	1	Decreasing	4	4	No	0.16321	0.00	0.375	Stable	29	29	No	0.7875358	-183.00	1	Decreasing	20	20	No	0.511693	-109.00	1	Decreasing
PTX06-1154	641870.52	3752278.90	TVFA	10/27/2009	11/2/2016	29	29	No	2.8454	-177.00	1	Decreasing	4	4	No	1.31394	-4.00	1	Decreasing	29	29	No	2.8453592	-177.00	1	Decreasing	20	20	No	2.658216	-62.00	1	Decreasing
PTX06-1154	641870.52	3752278.90	CL	10/27/2009	11/2/2016	29	29	No	0.092	2.00	0.507	No Trend	4	4	No	0.03784	3.00	0.729	No Trend	29	29	No	0.0920235	2.00	0.507	No Trend	20	20	No	0.092661	-19.00	1	Decreasing
PTX06-1154	641870.52	3752278.90	TOC	10/27/2009	11/2/2016	29	29	No	1.0512	-30.00	1	Decreasing	4	4	No	0.28921	-3.00	1	Decreasing	29	29	No	1.0511608	-30.00	1	Decreasing	20	20	No	0.848975	-60.00	1	Decreasing
PTX06-1154	641870.52	3752278.90	DOC	10/27/2009	11/2/2016	29	29	No	1.1002	-34.00	1	Decreasing	4	4	No	0.23886	-4.00	1	Decreasing	29	29	No	1.1002175	-34.00	1	Decreasing	20	20	No	0.932464	-68.00	1	Decreasing
PTX06-1154	641870.52	3752278.90	NITRATE	10/27/2009	11/2/2016	28	6	No	1.0748	106.00	0.981	Increasing	4	1	No	0	0.00	0	(<4 Detections in Datas	28	6	No	1.0747531	106.00	0.981	Increasing	19	4	No	1.007146	13.00	0.661	No Trend
PTX06-1154	641870.52	3752278.90	SO4	10/27/2009	11/2/2016	29	29	No	0.5218	-176.00	1	Decreasing	4	4	No	0.0892	-1.00	1	Decreasing	29	29	No	0.5217565	-176.00	1	Decreasing	20	20	No	0.447045	-120.00	1	Decreasing
PTX06-1155	634603.74	3755215.62	RDX	10/26/2009	10/31/2016	28	1	No	0	0.00	0	(<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	28	1	No	0	0.00	0	(<4 Detections in Datas	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	HMX	10/26/2009	10/31/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	TNT	10/26/2009	10/31/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	DNT24	10/26/2009	10/31/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	DNT26	10/26/2009	10/31/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	DNT2A	10/26/2009	10/31/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	DNT4A	10/26/2009	10/31/2016	29	7	No	1.2709	-170.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	29	7	No	1.2708971	-170.00	1	Decreasing	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	TNB135	3/23/2010	10/31/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	28	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	DNB13	10/26/2009	10/31/2016	28	1	No	0	0.00	0	(<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	28	1	No	0	0.00	0	(<4 Detections in Datas	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	DIOXANE14	10/26/2009	10/31/2016	29	29	No	0.73	313.00	1	Increasing	4	4	No	0.2506	-5.00	1	Decreasing	29	29	No	0.7299972	313.00	1	Increasing	20	20	No	0.476684	109.00	1	Increasing
PTX06-1155	634603.74	3755215.62	PCE	10/26/2009	10/31/2016	29	17	No	0.3158	79.00	0.9275	Probably Increasing	4	0	Yes	0	0.00	0	All Non-Detect	29	17	No	0.3157524	79.00	0.9275	Probably Increasing	20	8	No	0.358084	41.00	0.9015	Probably Increasing
PTX06-1155	634603.74	3755215.62	TCE	10/26/2009	10/31/2016	29	28	No	0.9998	-277.00	1	Decreasing	4	3	No	0	0.00	0	(<4 Detections in Datas	29	28	No	0.9998151	-277.00	1	Decreasing	20	19	No	1.372424	-106.00	1	Decreasing
PTX06-1155	634603.74	3755215.62	DCE12C	10/26/2009	10/31/2016	29	29	No	0.728	215.00	1	Increasing	4	4	No	0.37404	-6.00	1	Decreasing	29	29	No	0.7280237	215.00	1	Increasing	20	20	No	0.516715	50.00	0.944	Probably Increasing
PTX06-1155	634603.74	3755215.62	DCA12	10/26/2009	10/31/2016	29	29	No	0.4959	-334.00	1	Decreasing	4	4	No	0.41353	-6.00	1	Decreasing	29	29	No	0.4959402	-334.00	1	Decreasing	20	20	No	0.452655	-145.00	1	Decreasing
PTX06-1155	634603.74	3755215.62	TCLME	10/26/2009	10/31/2016	29	18	No	0.4926	-83.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	29	18	No	0.4926446	-83.00	1	Decreasing	20	9	No	0.515758	-17.00	1	Decreasing
PTX06-1155	634603.74	3755215.62	VC	10/26/2009	10/31/2016	29	21	No	0.7064	50.00	0.819	No Trend	4	4	No	0.12688	2.00	0.625	No Trend	29	21	No	0.7063561	50.00	0.819	No Trend	20	20	No	0.586481	-111.00	1	Decreasing
PTX06-1155	634603.74	3755215.62	PERC	10/26/2009	10/31/2016	29	7	No	2.0014	-124.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	29	7	No	2.0013878	-124.00	1	Decreasing	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	B	10/26/2009	10/31/2016	29	28	No	0.3723	82.00	0.935	Probably Increasing	4	4	No	0.24868	2.00	0.625	No Trend	29	28	No	0.3722984	82.00	0.935	Probably Increasing	20	20	No	0.358328	-22.00	1	Decreasing
PTX06-1155	634603.74	3755215.62	CR	10/26/2009	10/31/2016	29	18	No	1.1954	-182.00	1	Decreasing	4	2	No	0	0.00	0	(<4 Detections in Datas	29	18	No	1.1954179	-182.00	1	Decreasing	20	9	No	1.552164	-46.00	1	Decreasing
PTX06-1155	634603.74	3755215.62	AS	10/26/2009	10/31/2016	29	28	No	0.6674	284.00	1	Increasing	4	4	No	0.1852	4.00	0.833	No Trend	29	28	No	0.6674136	284.00	1	Increasing	20	20

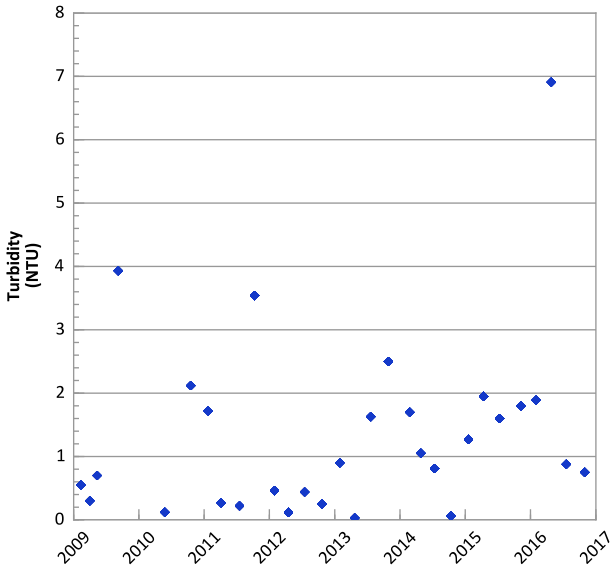
Well	Easting	Northing	COC	First_Date	Last_Date	NumS_AD	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_L4S	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_SSRA	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA	NumS_5YRP	NumD_5YRP	AllND_5YRP	CV_5YRP	MKS_5YRP	Conf_5YRP	Trend_5YRP
PTX06-1156	636378.92	3755076.47	BA	10/26/2009	10/31/2016	29	29	No	0.6282	176.00	1	Increasing	4	4	No	0.28613	4.00	0.833	No Trend	29	29	No	0.628223	176.00	1	Increasing	20	20	No	0.319377	-13.00	1	Decreasing
PTX06-1156	636378.92	3755076.47	FE	10/26/2009	10/31/2016	29	28	No	0.9147	99.00	0.9675	Increasing	4	4	No	0.23842	0.00	0.375	Stable	29	28	No	0.9147162	99.00	0.9675	Increasing	20	20	No	0.588791	-97.00	1	Decreasing
PTX06-1156	636378.92	3755076.47	MN	10/26/2009	10/31/2016	29	29	No	1.3793	57.00	0.8515	No Trend	4	4	No	0.42015	2.00	0.625	No Trend	29	29	No	1.379268	57.00	0.8515	No Trend	20	20	No	1.207293	-77.00	1	Decreasing
PTX06-1156	636378.92	3755076.47	TVFA	10/26/2009	10/31/2016	29	29	No	2.0606	-30.00	1	Decreasing	4	4	No	0.87539	-2.00	1	Decreasing	29	29	No	2.0605954	-30.00	1	Decreasing	20	20	No	1.909541	-156.00	1	Decreasing
PTX06-1156	636378.92	3755076.47	CL	10/26/2009	10/31/2016	29	29	No	0.2673	119.00	0.987	Increasing	4	4	No	0.10954	-4.00	1	Decreasing	29	29	No	0.2673	119.00	0.987	Increasing	20	20	No	0.224999	1.00	1	Increasing
PTX06-1156	636378.92	3755076.47	TOC	10/26/2009	10/31/2016	29	25	No	1.9043	50.00	0.819	No Trend	4	4	No	0.35853	-1.00	1	Decreasing	29	25	No	1.9043254	50.00	0.819	No Trend	20	20	No	1.747923	-74.00	1	Decreasing
PTX06-1156	636378.92	3755076.47	DOC	10/26/2009	10/31/2016	29	28	No	1.8301	71.00	0.9045	Probably Increasing	4	4	No	0.30043	-2.00	1	Decreasing	29	28	No	1.8301143	71.00	0.9045	Probably Increasing	20	20	No	1.67805	-70.00	1	Decreasing
PTX06-1156	636378.92	3755076.47	NITRATE	10/26/2009	10/31/2016	27	8	No	1.7068	-77.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	27	8	No	1.7067878	-77.00	1	Decreasing	18	1	No	0	0.00	0	(<4 Detections in Dataset)
PTX06-1156	636378.92	3755076.47	SO4	10/26/2009	10/31/2016	29	28	No	1.4202	-149.00	1	Decreasing	4	4	No	0.68101	4.00	0.833	No Trend	29	28	No	1.4202412	-149.00	1	Decreasing	20	19	No	0.783137	14.00	0.661	No Trend
PTX06-1156	636378.92	3755076.47	C2H4	10/26/2009	10/31/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	27	0	Yes	0	0.00	0	All Non-Detect	18	0	Yes	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	C2H6	10/26/2009	10/31/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	CH4	10/26/2009	10/31/2016	29	25	No	0.8599	204.00	1	Increasing	4	4	No	0.63084	4.00	0.833	No Trend	29	25	No	0.8599403	204.00	1	Increasing	20	20	No	0.438488	21.00	0.7395	No Trend
PTX06-1173	634197.62	3755312.40	RDX	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	HMX	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	TNT	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	DNT24	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	DNT26	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	DNT2A	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	DNT4A	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	TNB135	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	DNB13	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	DIOXANE14	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	PCE	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	TCE	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	DCE12C	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	DCA12	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	TCLME	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	VC	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	PERC	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	B	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	CR	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	AS	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	BA	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	FE	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	MN	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	TVFA	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	CL	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	TOC	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	DOC	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	NITRATE	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	SO4	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	C2H4	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	C2H6	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1173	634197.62	3755312.40	CH4	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	RDX	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	HMX	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	TNT	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	DNT24	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	DNT26	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	DNT2A	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	DNT4A	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	TNB135	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	DNB13	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	DIOXANE14	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	PCE	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	TCE	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	DCE12C	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	DCA12	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	TCLME	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	VC	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	PERC	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	B	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	CR	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	AS	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	BA	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	FE	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	MN	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	TVFA	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	CL	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	TOC	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	DOC	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	NITRATE	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	SO4	6/8/2016	6/8/2016	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	C2H4	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15	C2H6	6/8/2016	6/8/2016	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	1	No	0	0.00	0	↑ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Datas	1	0	Yes	0	0.00	0	↓ (<4 Samples in Dataset)
PTX06-1174	633904.63	3755489.15

PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



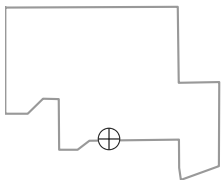






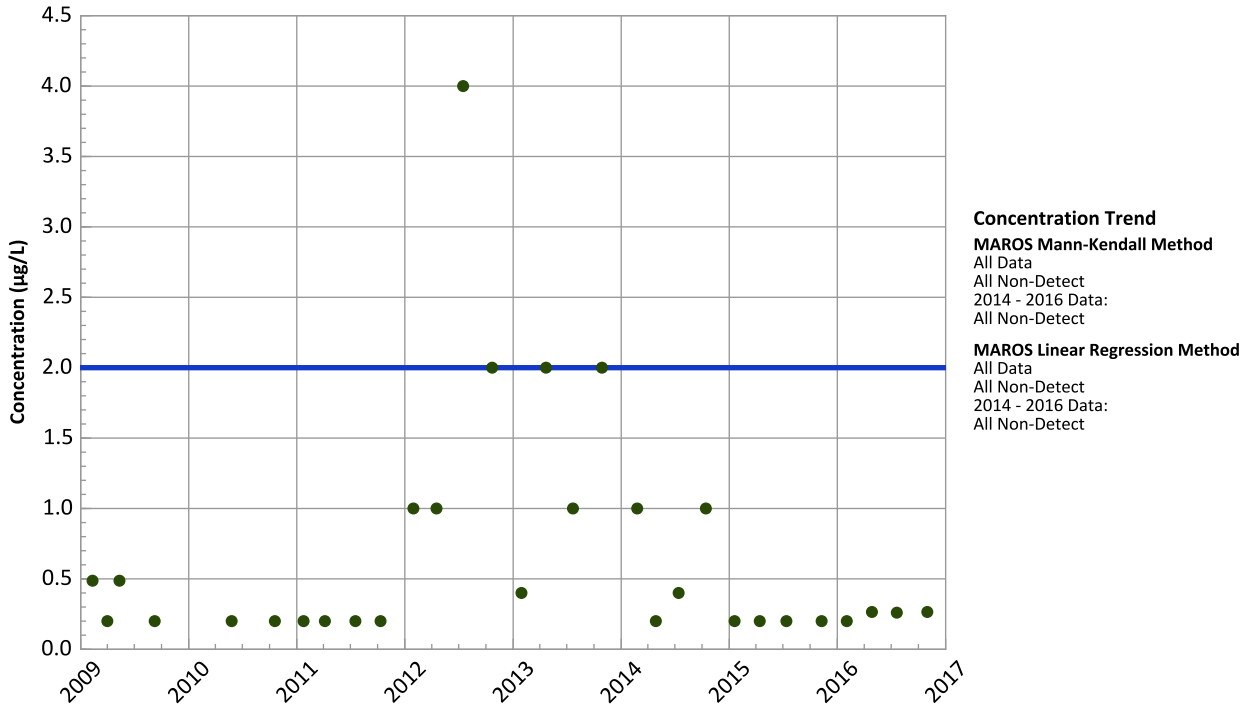
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 02/10/2009 to 10/31/2016
Analysis Date: 03/07/2017

Well Location

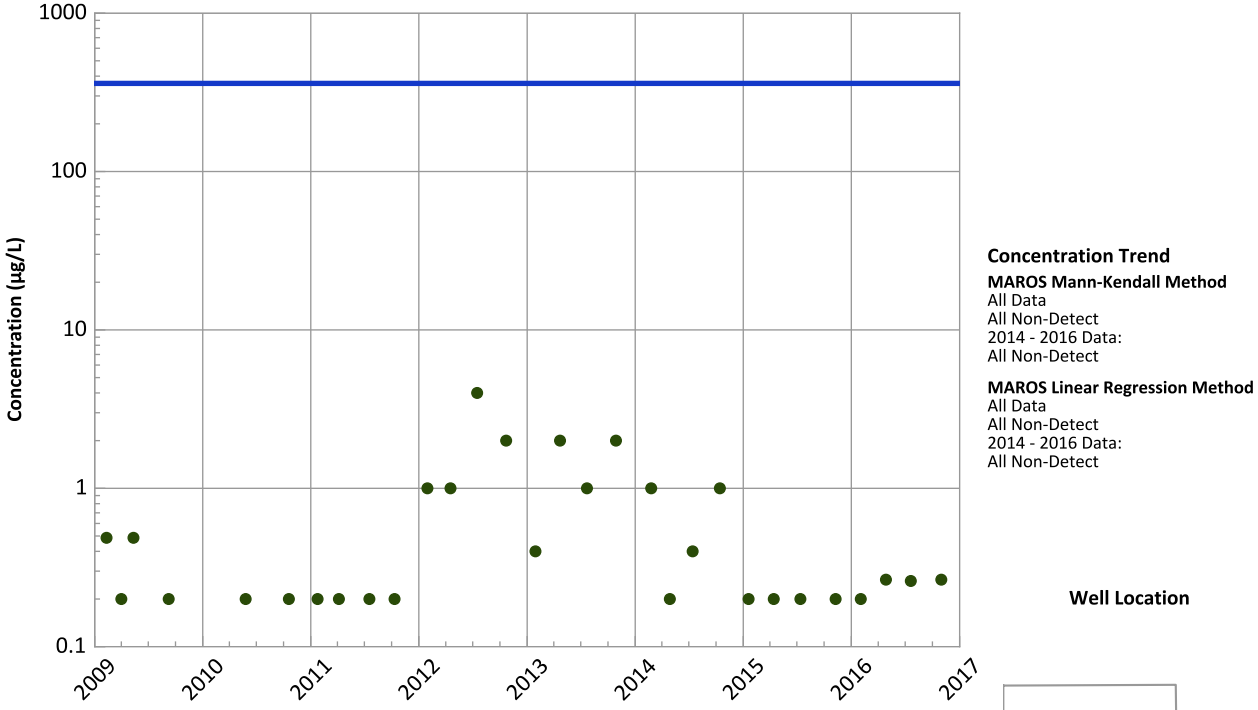


PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



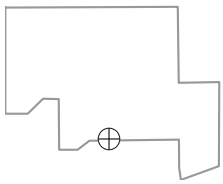
HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 02/10/2009 to 10/31/2016
Analysis Date: 03/07/2017

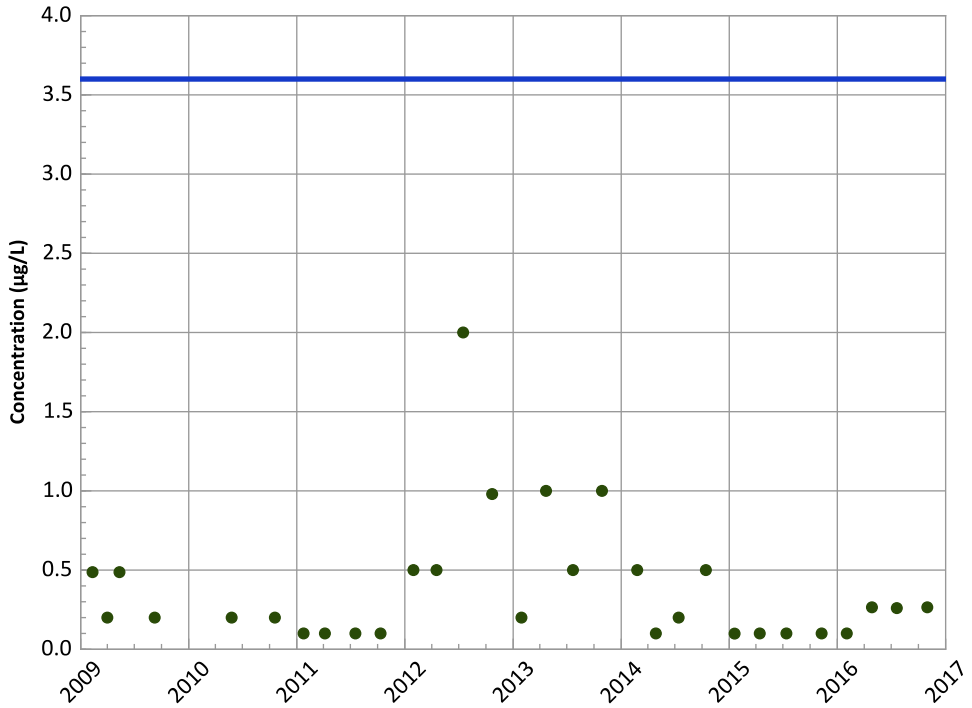
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

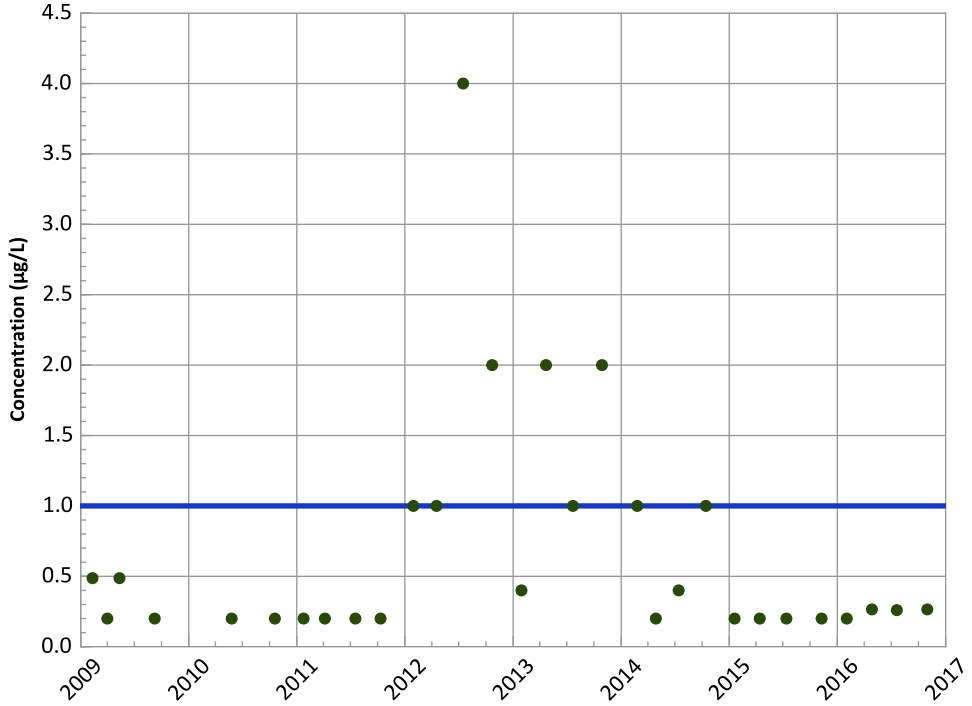


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

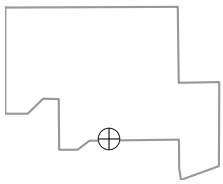
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 02/10/2009 to 10/31/2016
Analysis Date: 03/07/2017

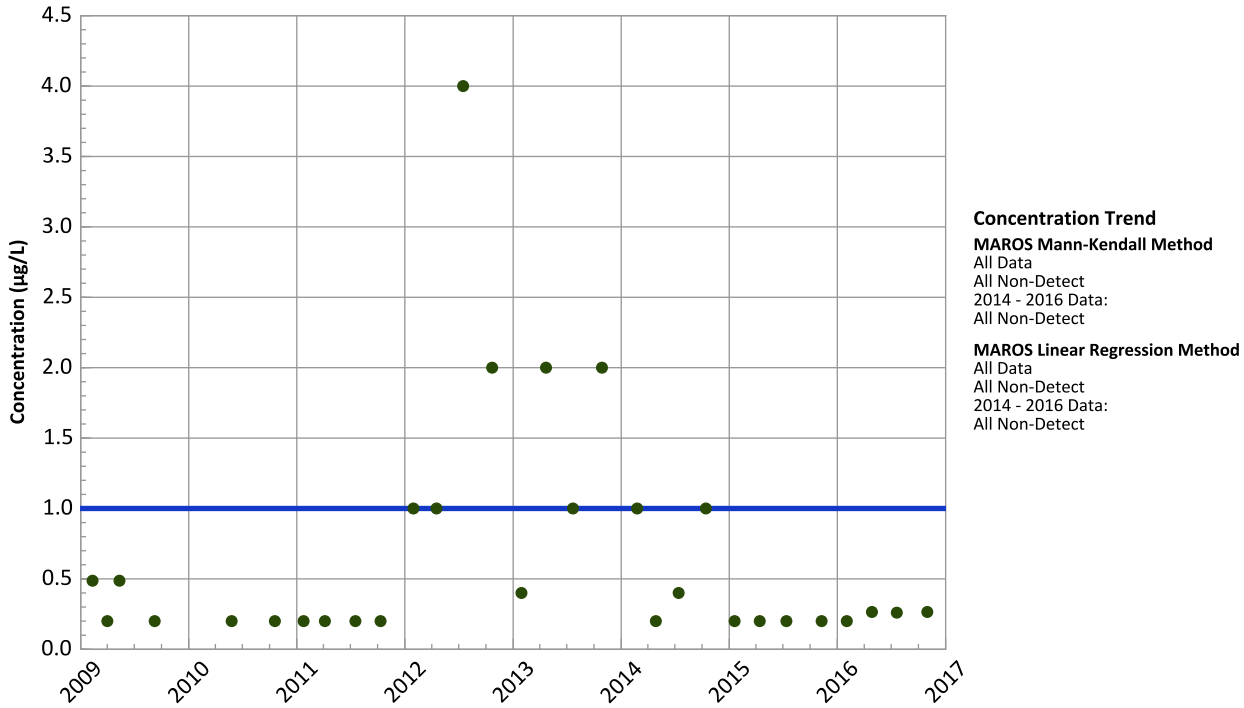
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

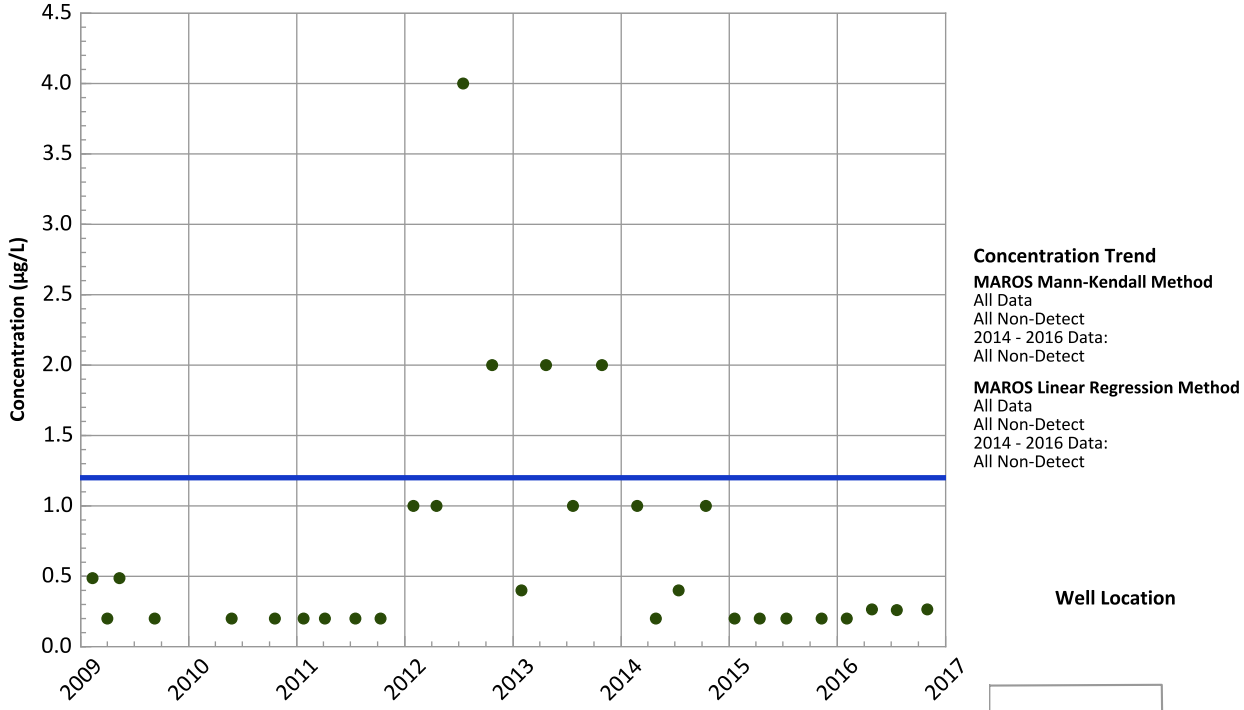


PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



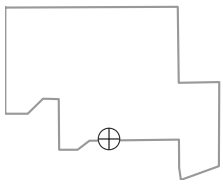
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 02/10/2009 to 10/31/2016
Analysis Date: 03/07/2017

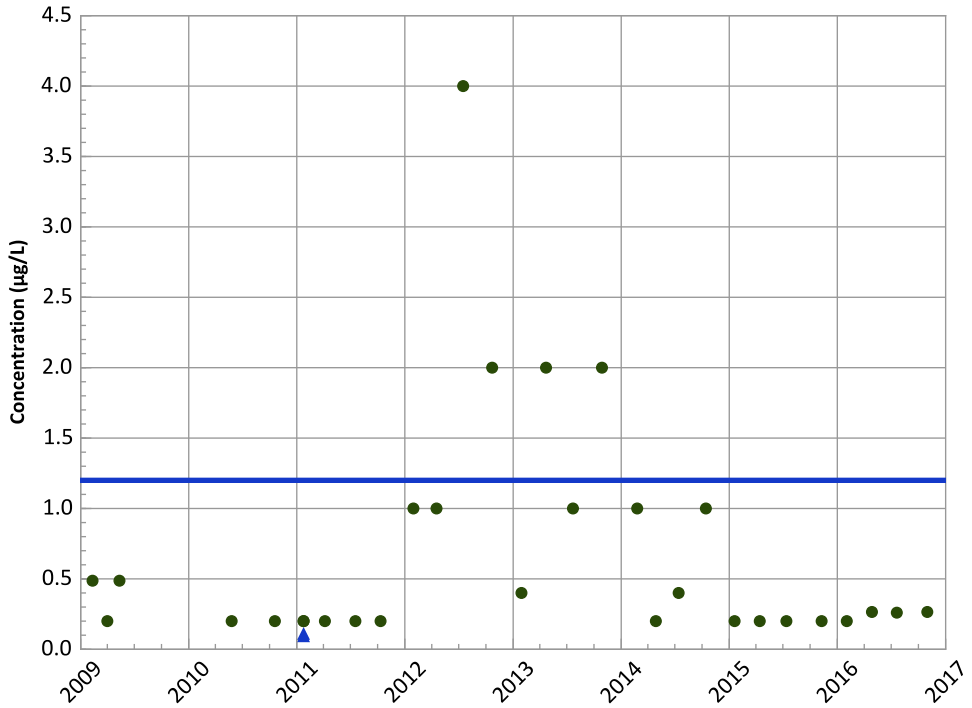
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

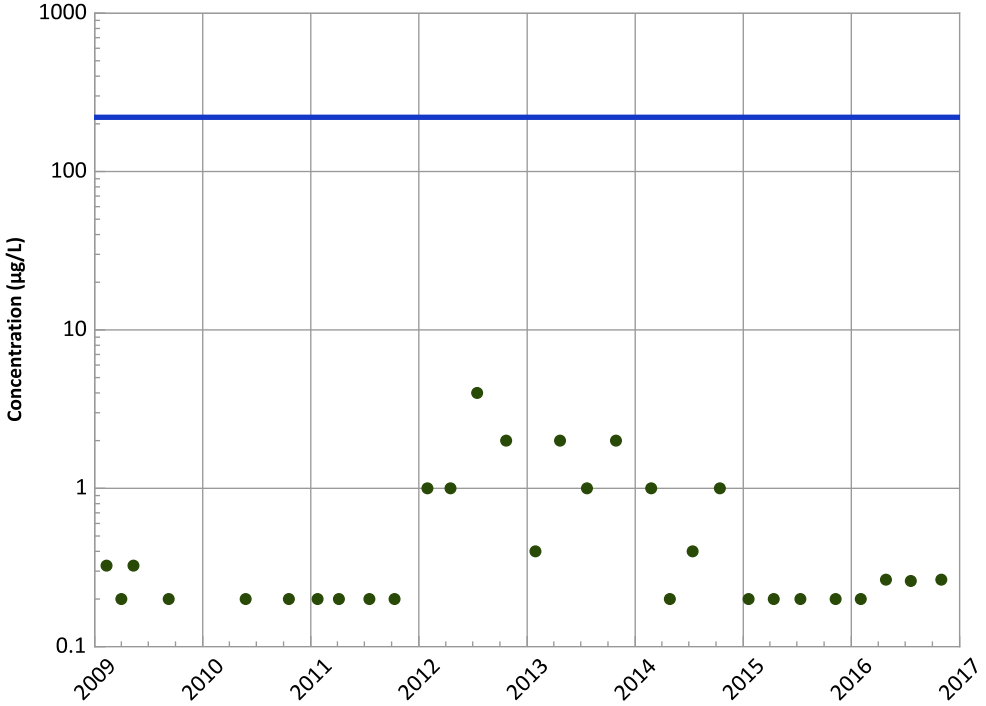


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

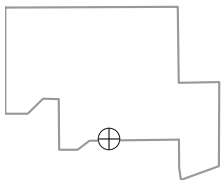
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 02/10/2009 to 10/31/2016
Analysis Date: 03/07/2017

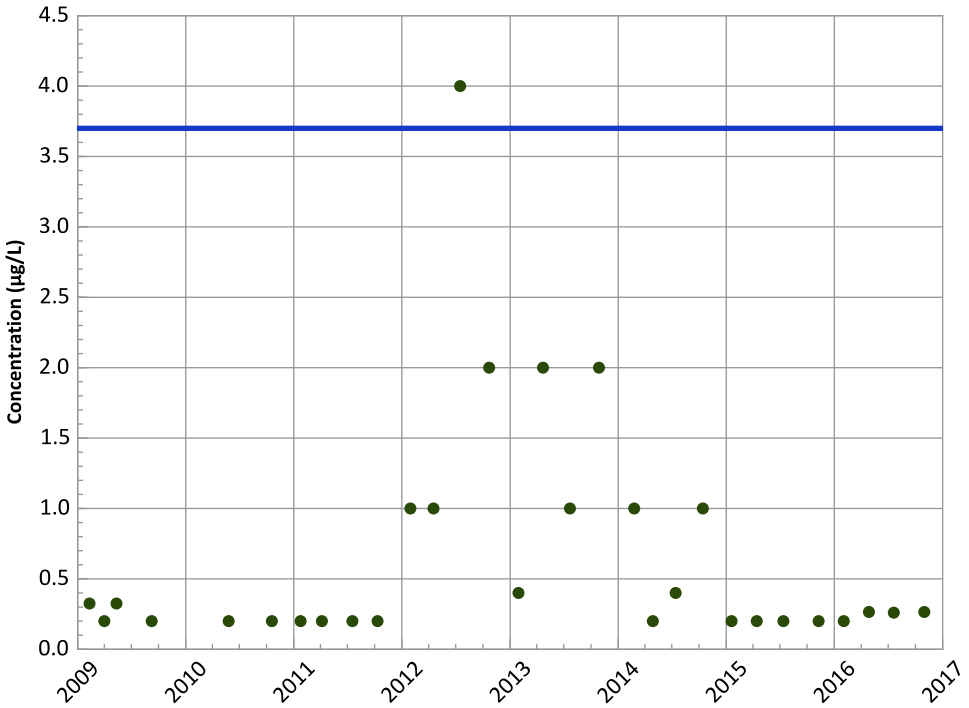
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

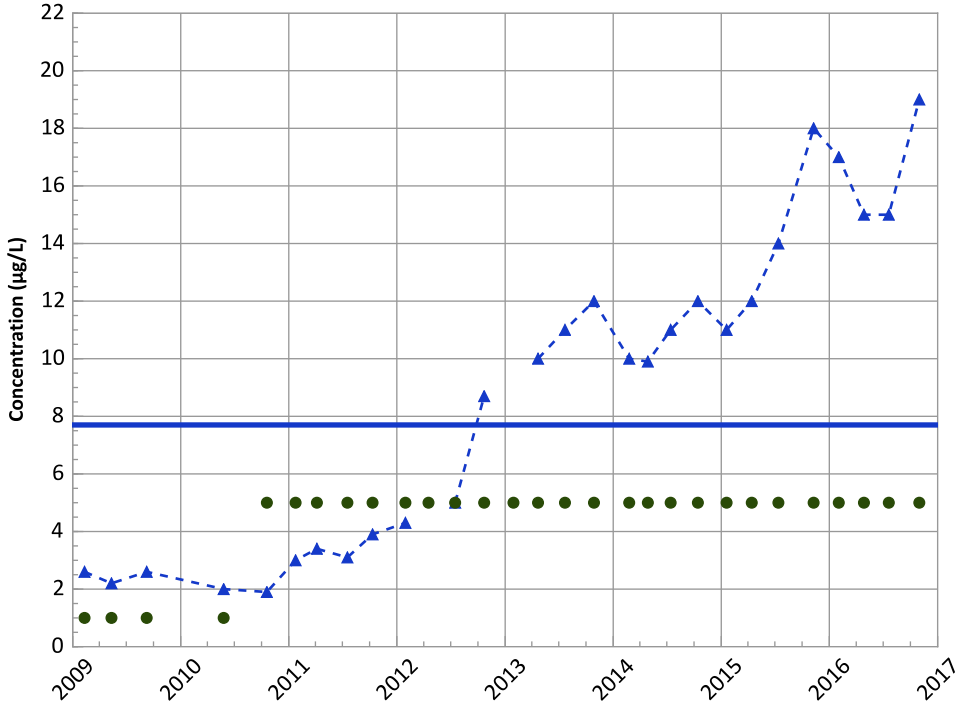


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

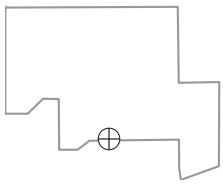
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 02/10/2009 to 10/31/2016
Analysis Date: 03/07/2017

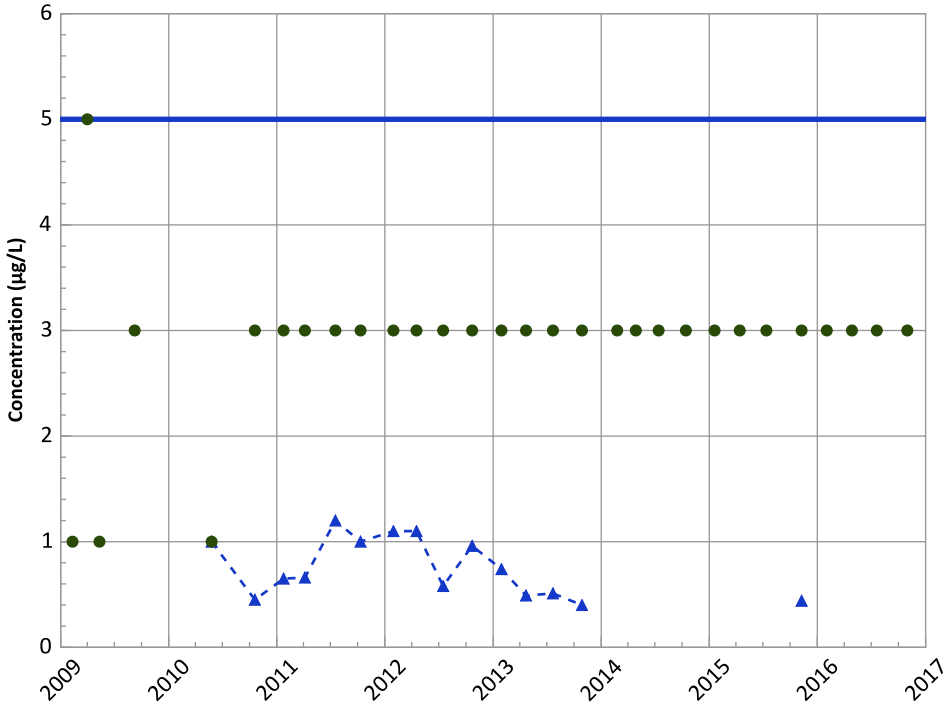
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

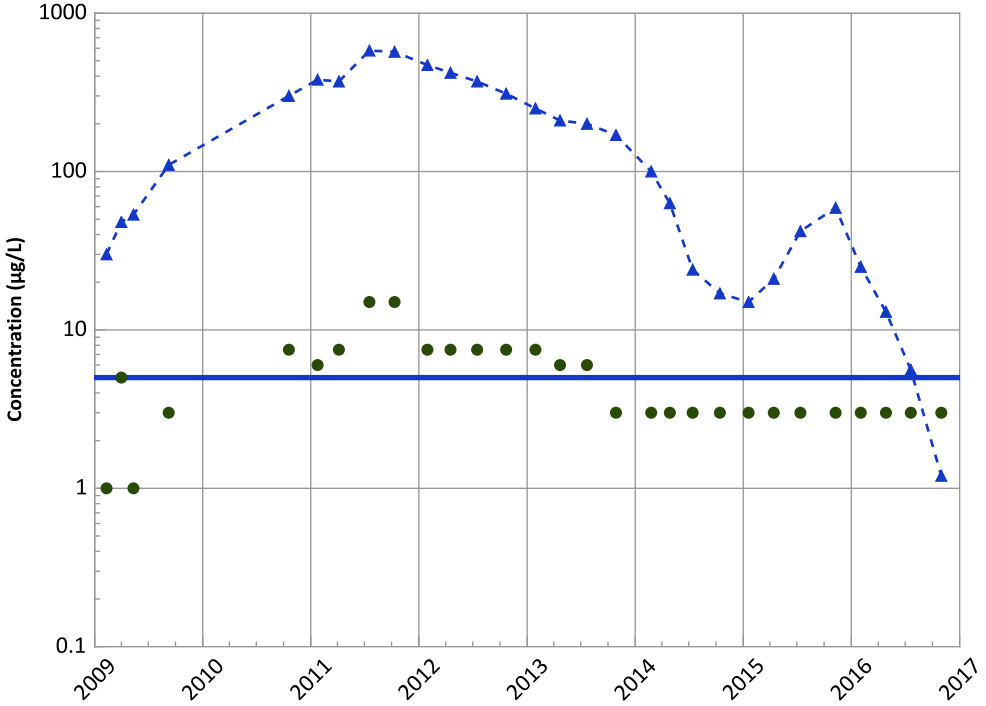


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Stable

Trichloroethene Trend



Concentration Trend

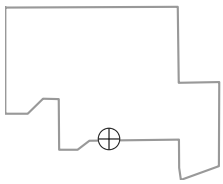
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 02/10/2009 to 10/31/2016
Analysis Date: 03/07/2017

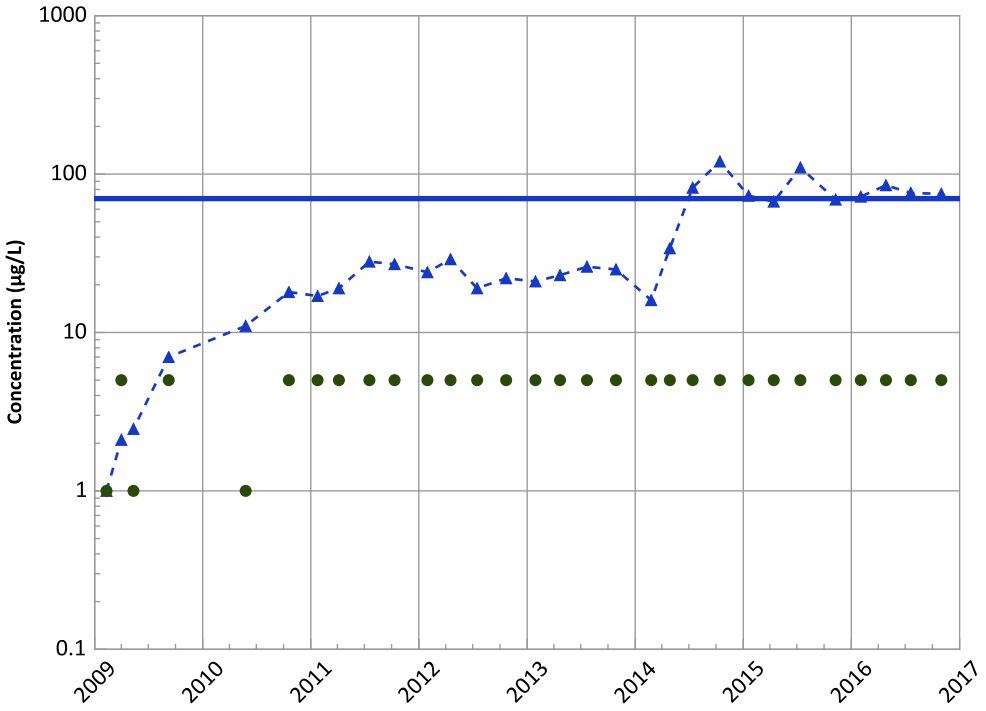
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

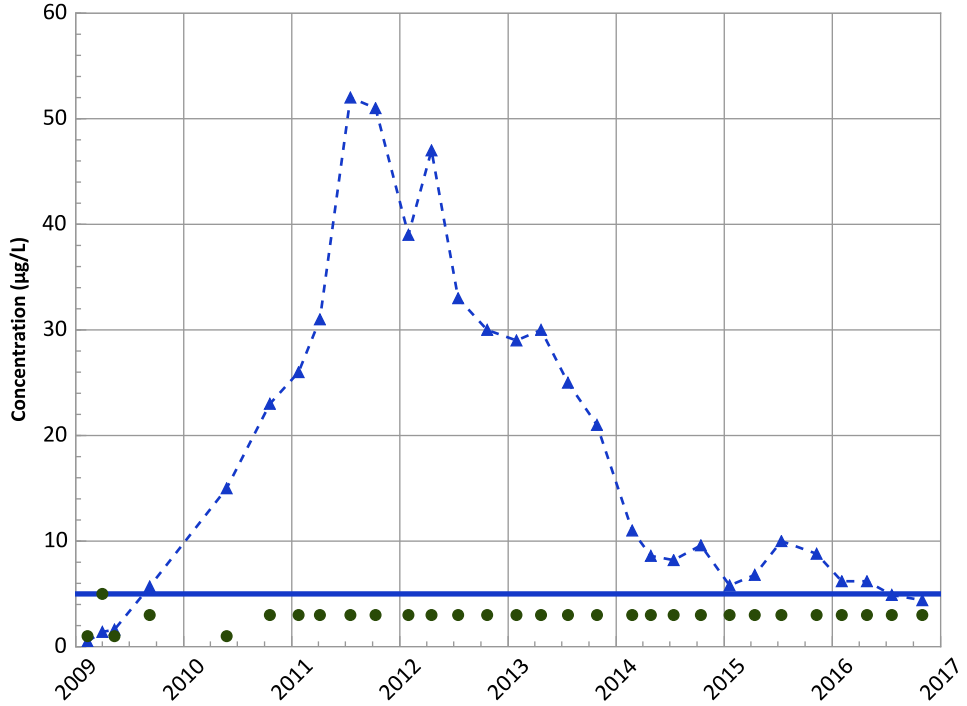


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Stable

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Stable

1,2-Dichloroethane Trend



Concentration Trend

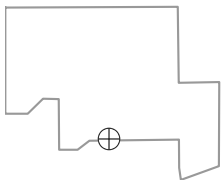
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 02/10/2009 to 10/31/2016
Analysis Date: 03/07/2017

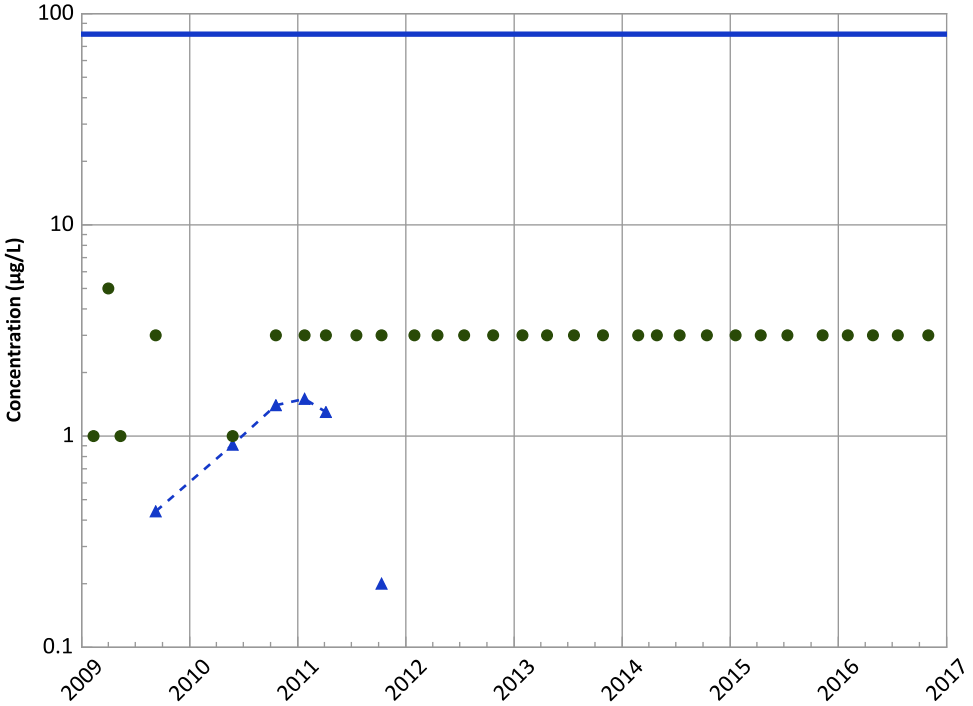
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

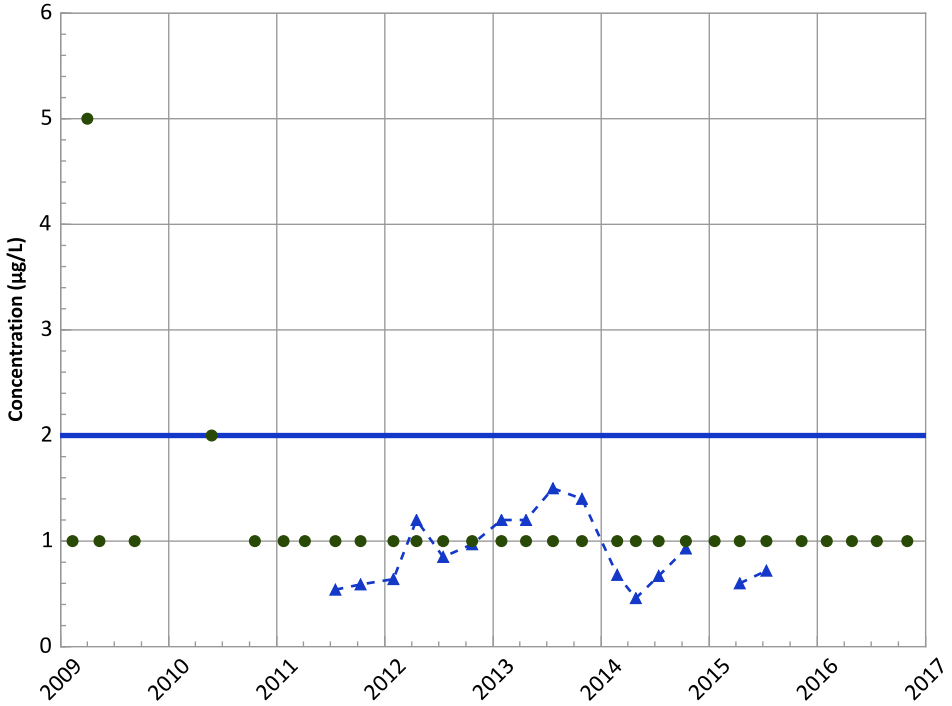


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
Stable

Vinyl Chloride Trend



Concentration Trend

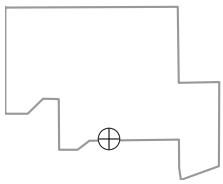
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 02/10/2009 to 10/31/2016
Analysis Date: 03/07/2017

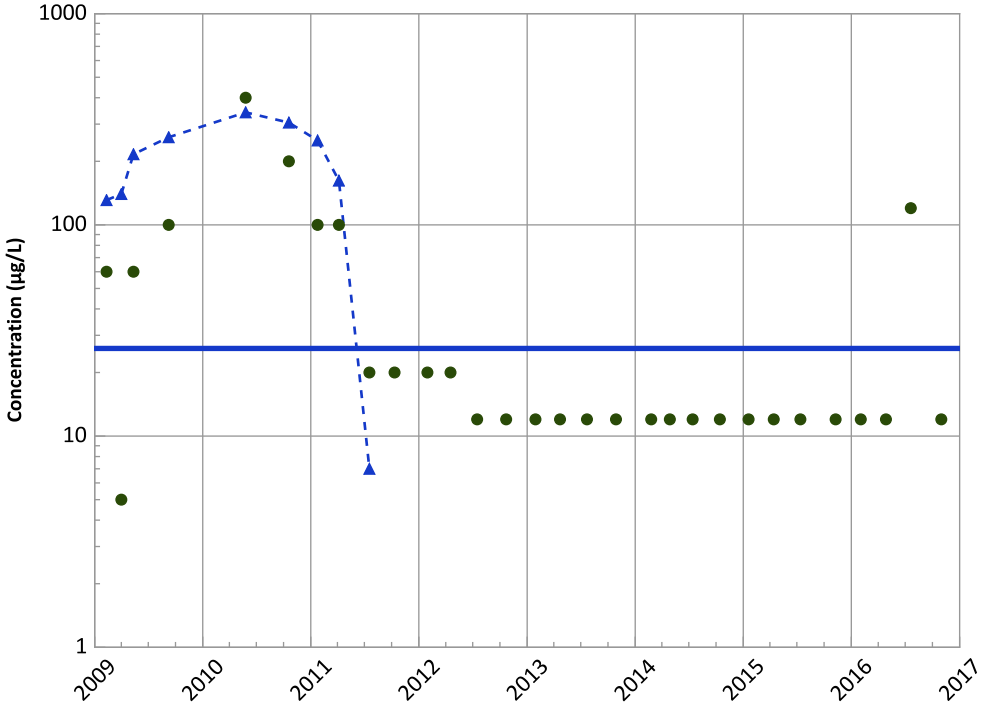
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

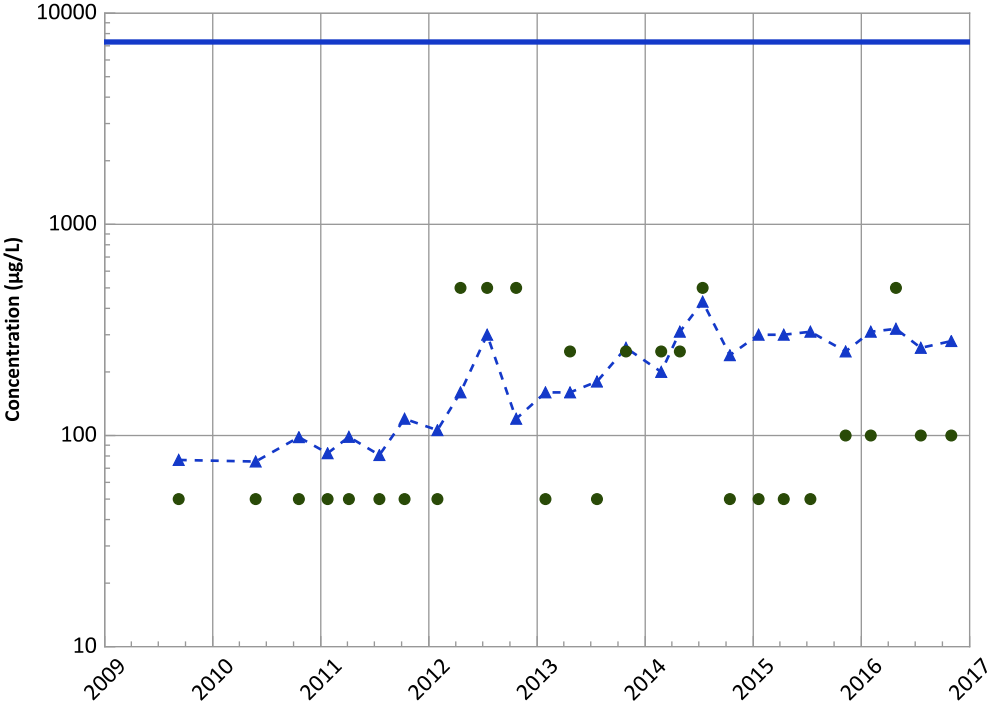


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
Decreasing

Boron Trend



Concentration Trend

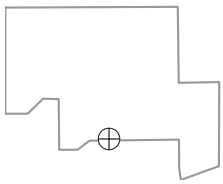
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 02/10/2009 to 10/31/2016
Analysis Date: 03/07/2017

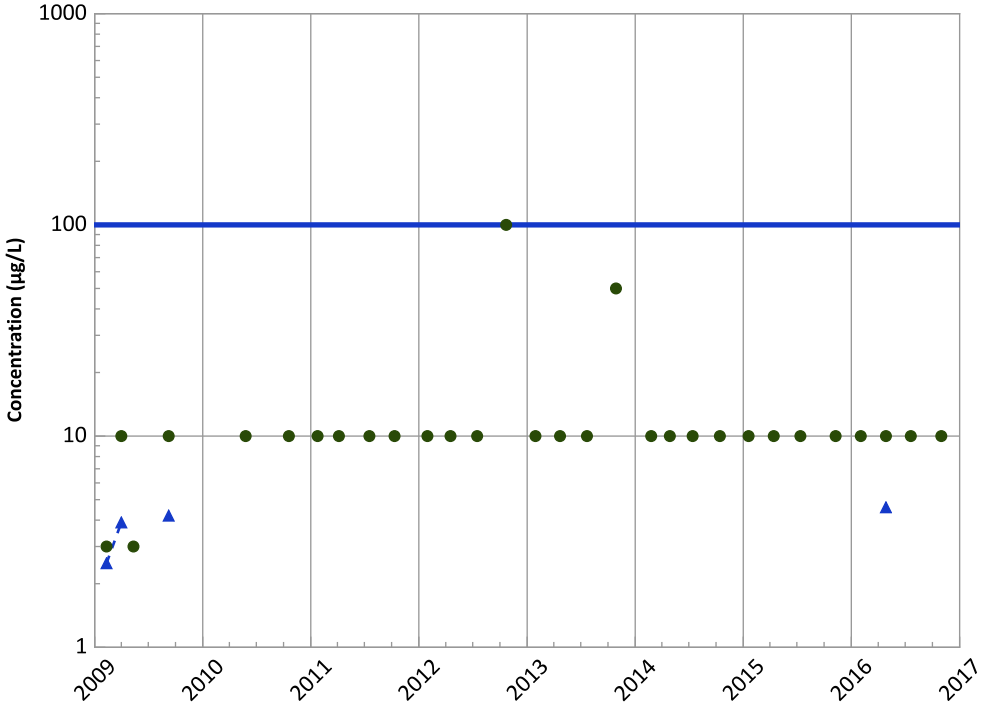
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

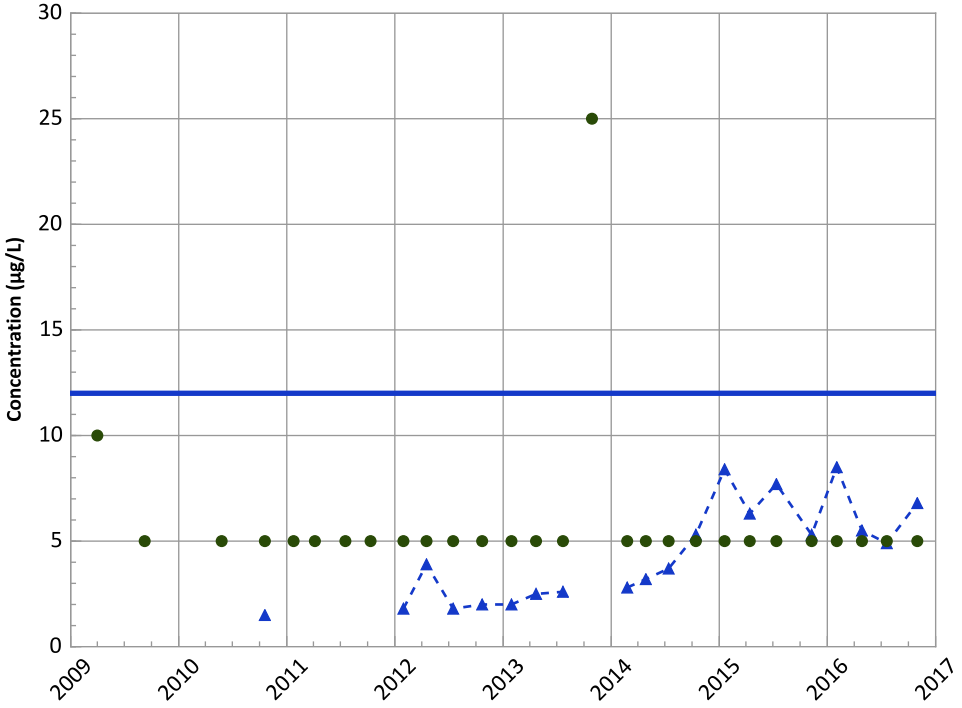


Concentration Trend

MAROS Mann-Kendall Method
All Data
Probably Increasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
No Trend

Arsenic Trend



Concentration Trend

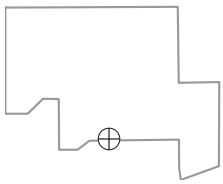
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 02/10/2009 to 10/31/2016
Analysis Date: 03/07/2017

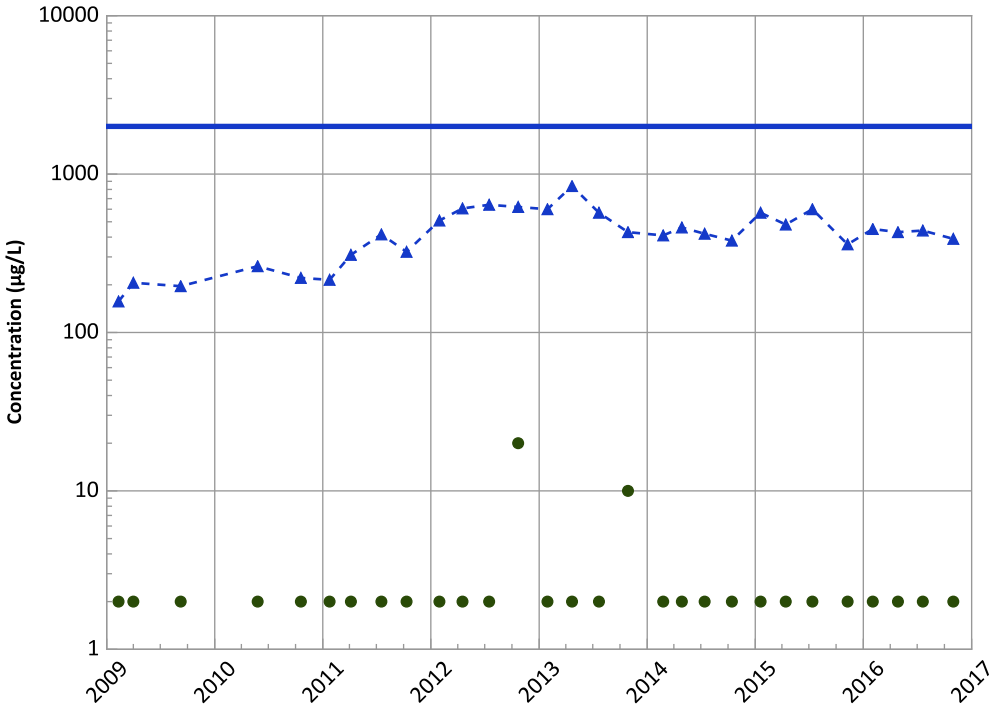
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

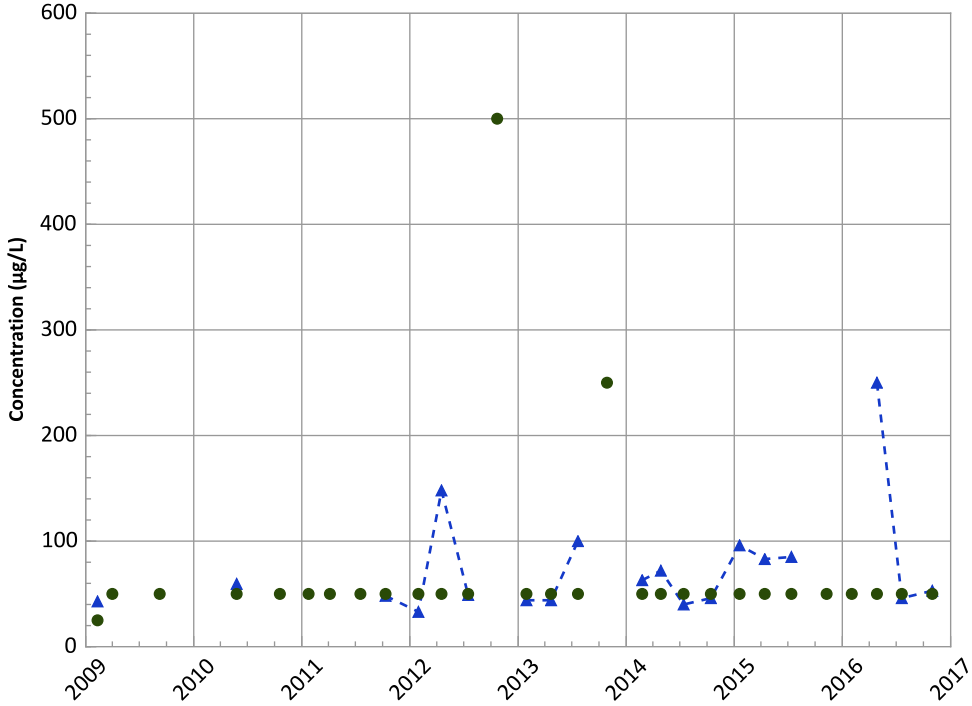


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Probably Decreasing

Iron Trend



Concentration Trend

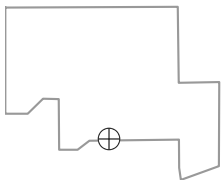
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
Probably Increasing
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 02/10/2009 to 10/31/2016
Analysis Date: 03/07/2017

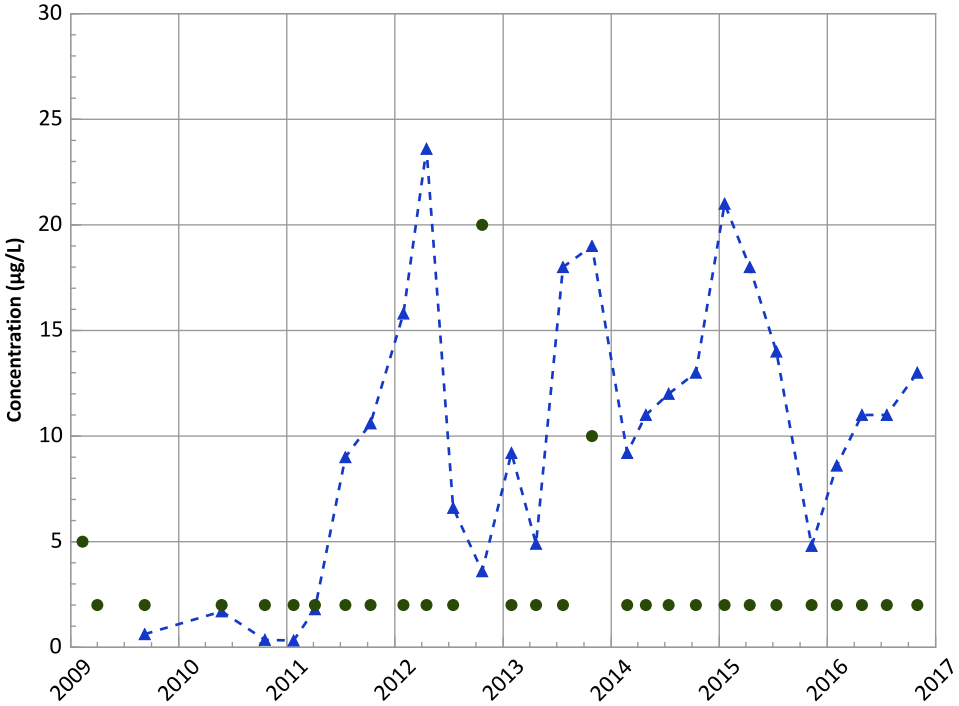
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
━ Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

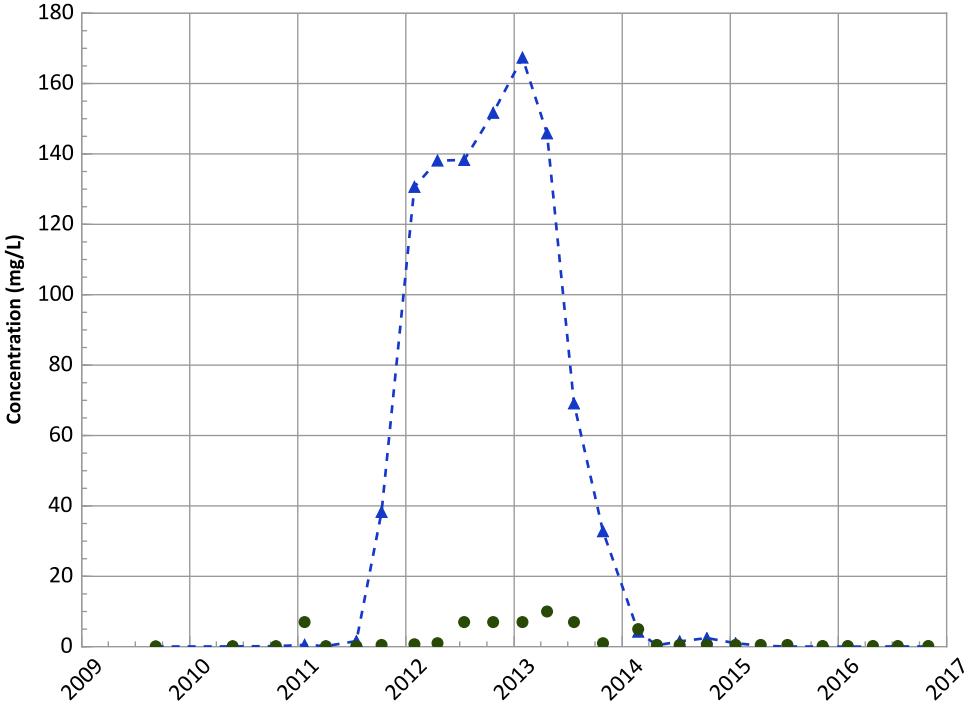


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Increasing

Total Volatile Fatty Acids Trend



Concentration Trend

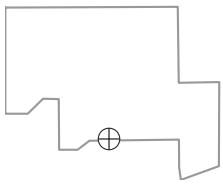
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Probably Decreasing
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 02/10/2009 to 10/31/2016
Analysis Date: 03/07/2017

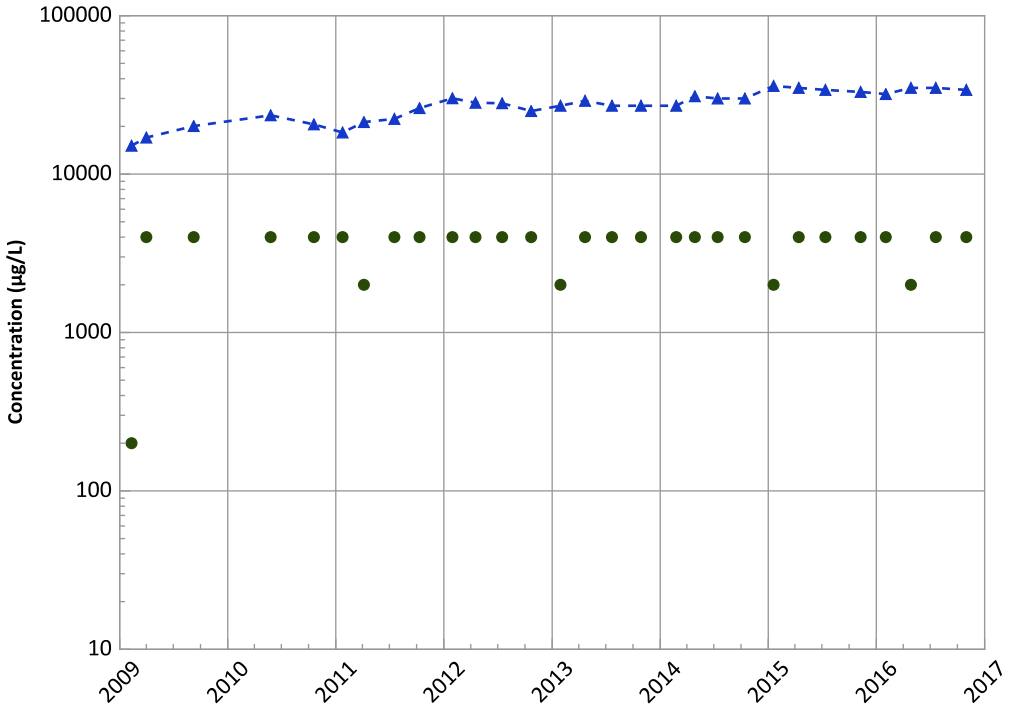
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloride (as Cl) Trend

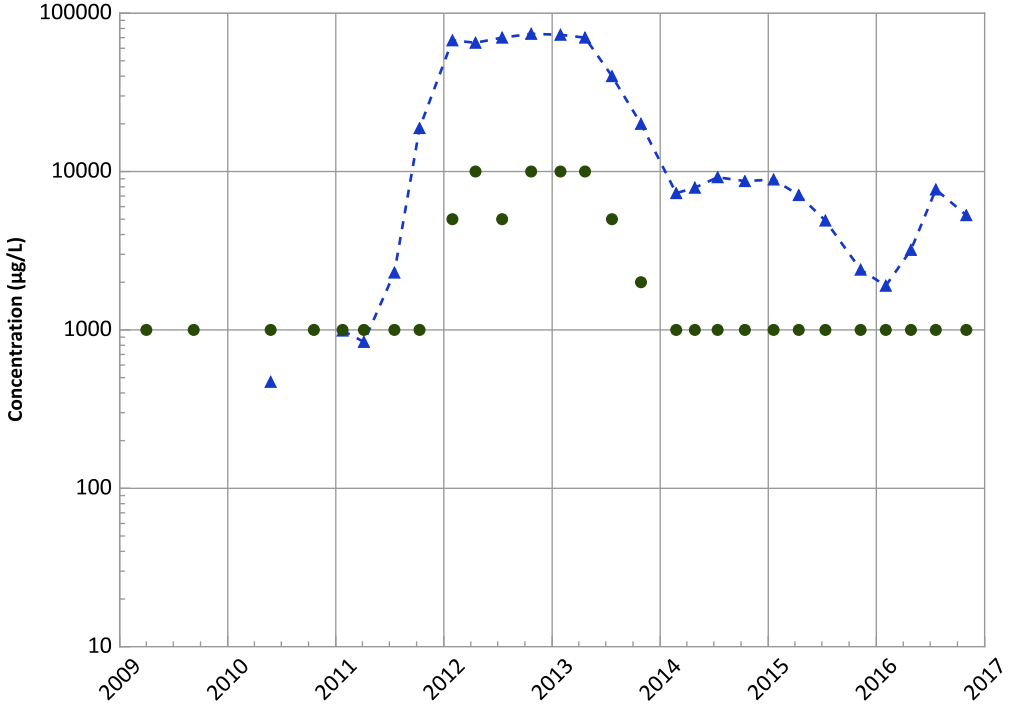


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
No Trend

Total Organic Carbon Trend



Concentration Trend

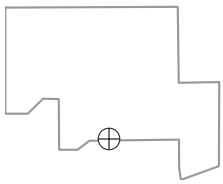
MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Probably Increasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 02/10/2009 to 10/31/2016
Analysis Date: 03/07/2017

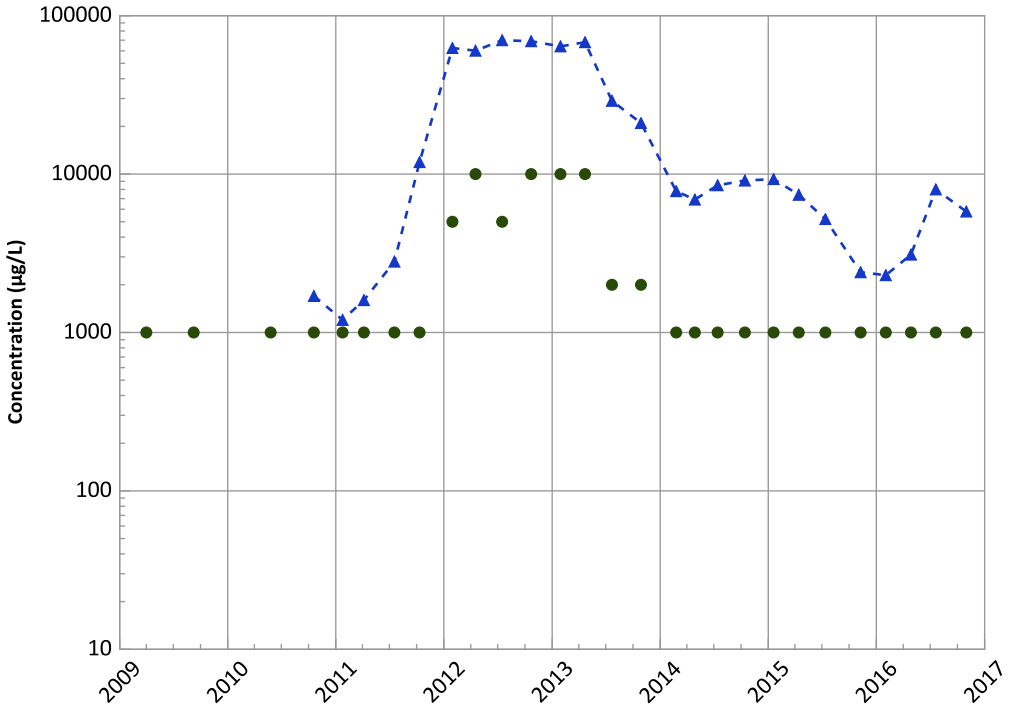
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend

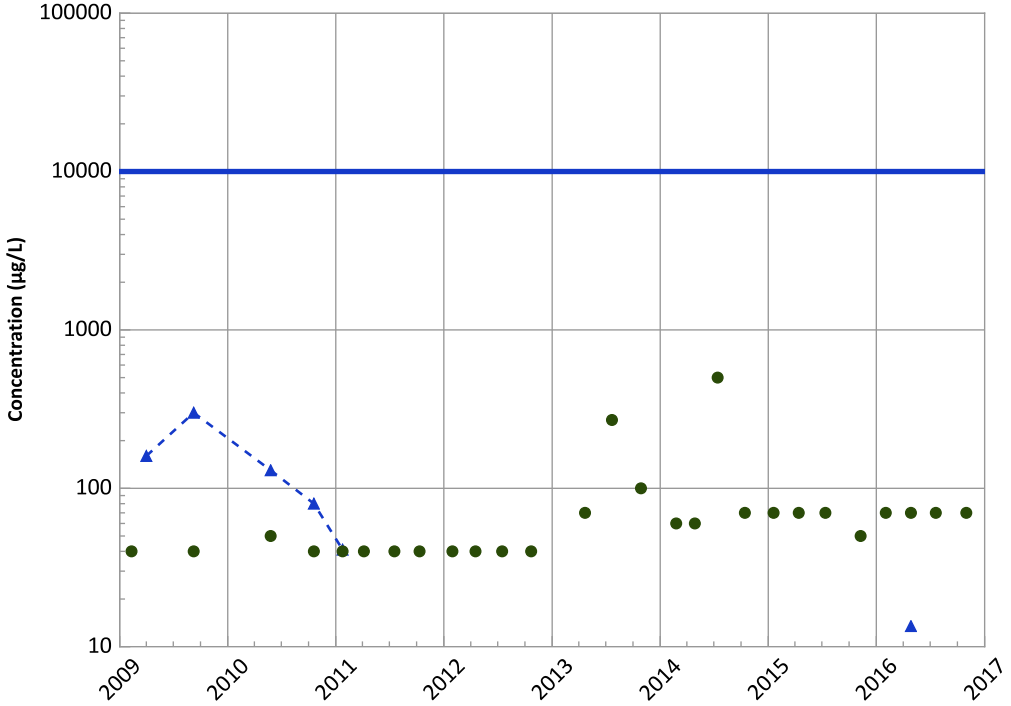


Concentration Trend

MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Probably Increasing

Nitrate as N Trend



Concentration Trend

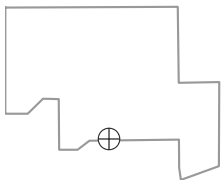
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 02/10/2009 to 10/31/2016
Analysis Date: 03/07/2017

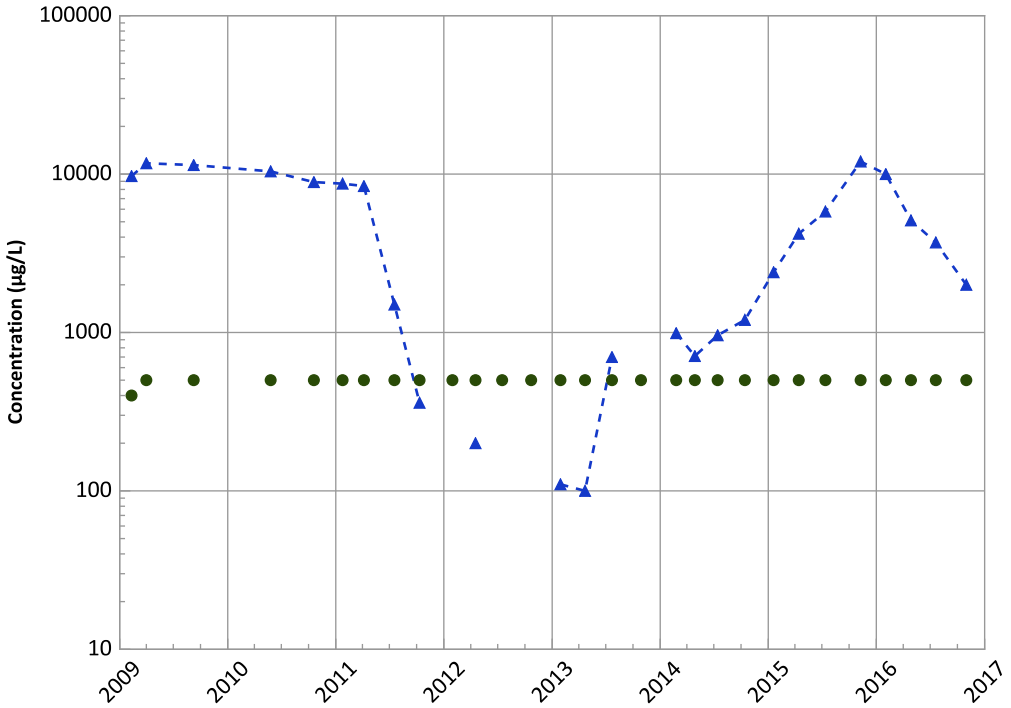
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend

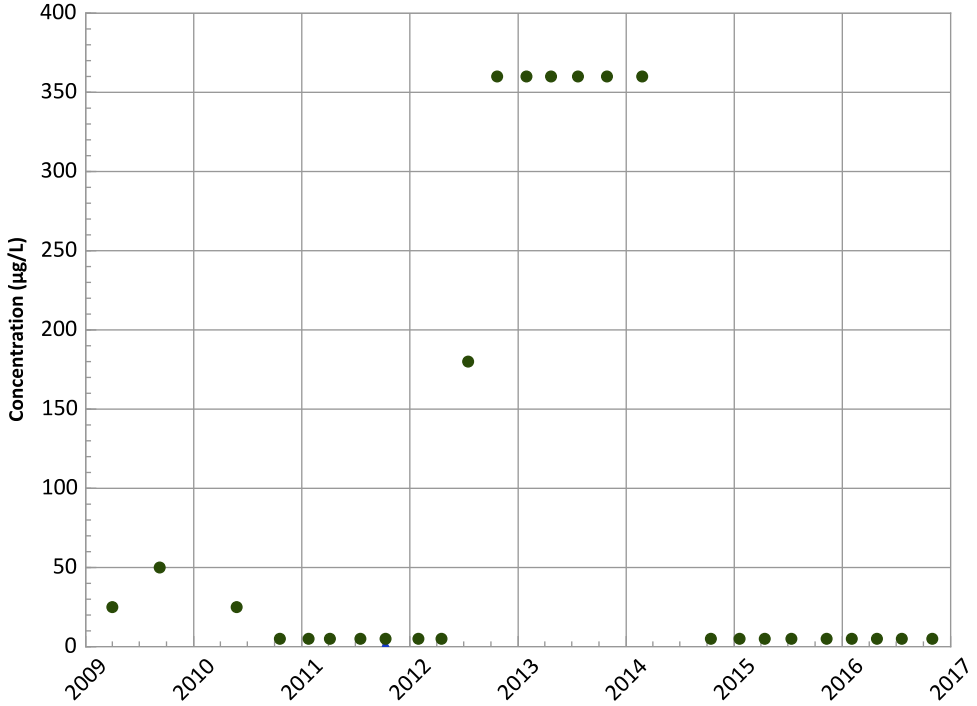


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
Decreasing

Ethene (Ethylene) Trend



Concentration Trend

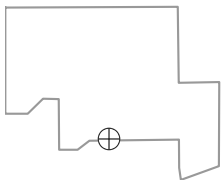
MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 02/10/2009 to 10/31/2016
Analysis Date: 03/07/2017

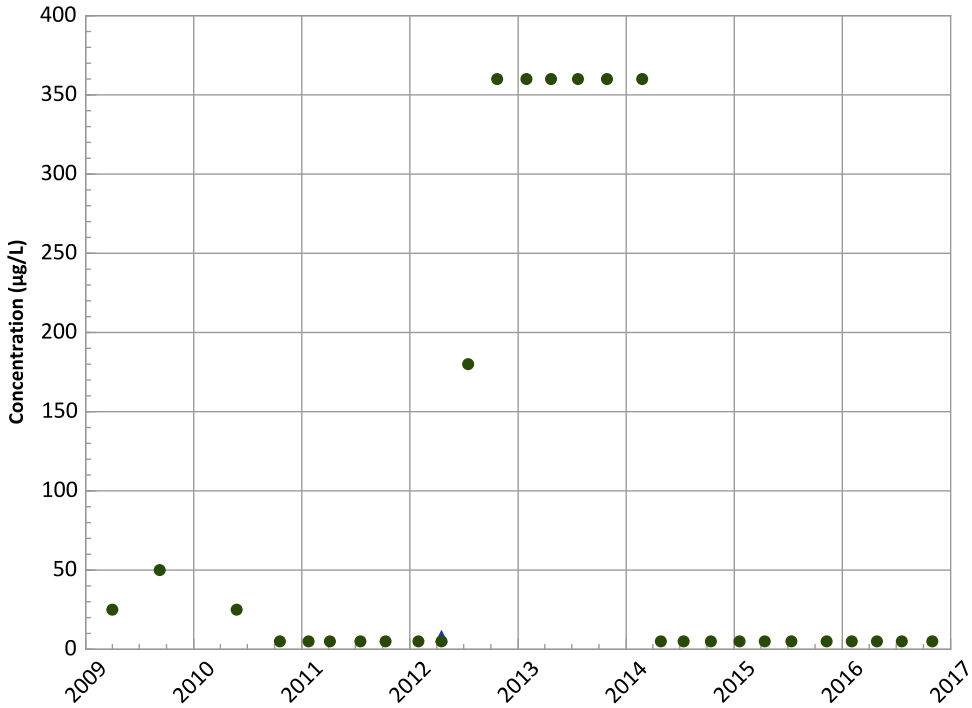
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethane Trend

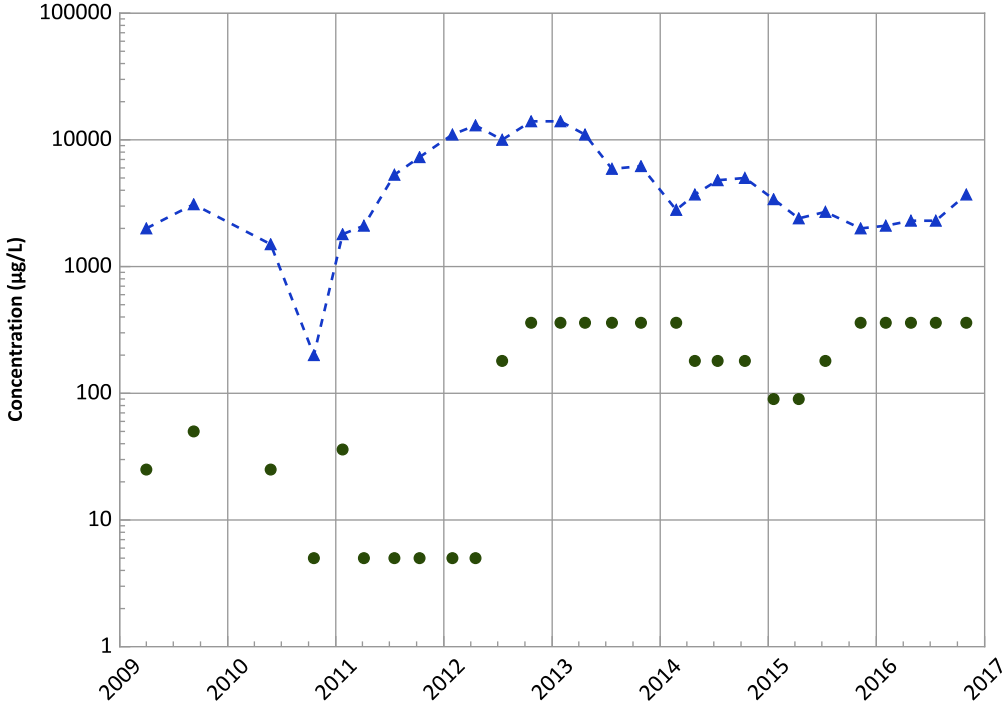


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Methane Trend



Concentration Trend

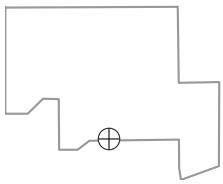
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Probably Increasing

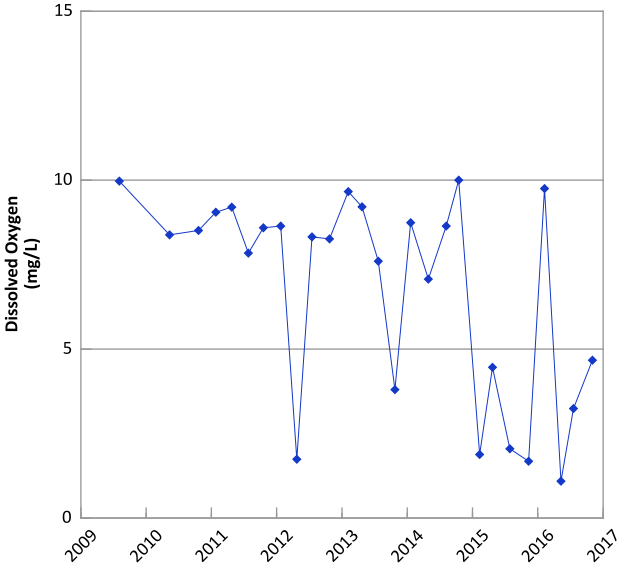
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 02/10/2009 to 10/31/2016
Analysis Date: 03/07/2017

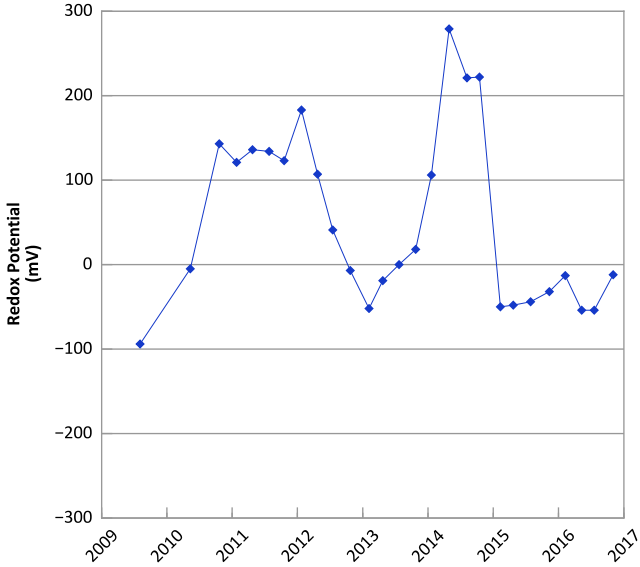
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

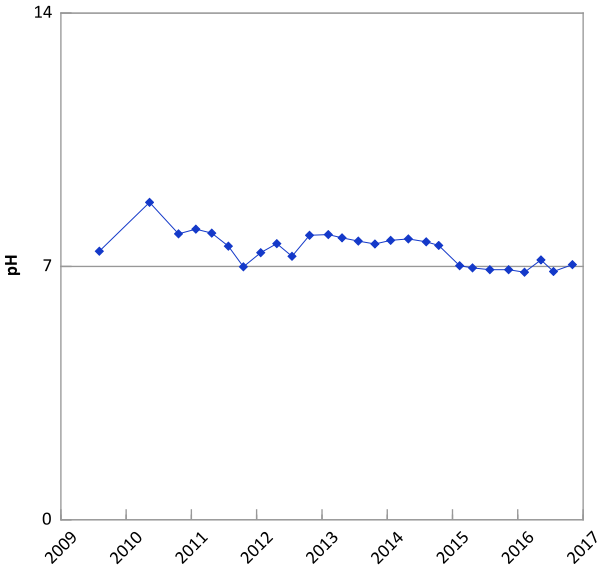
Well Location

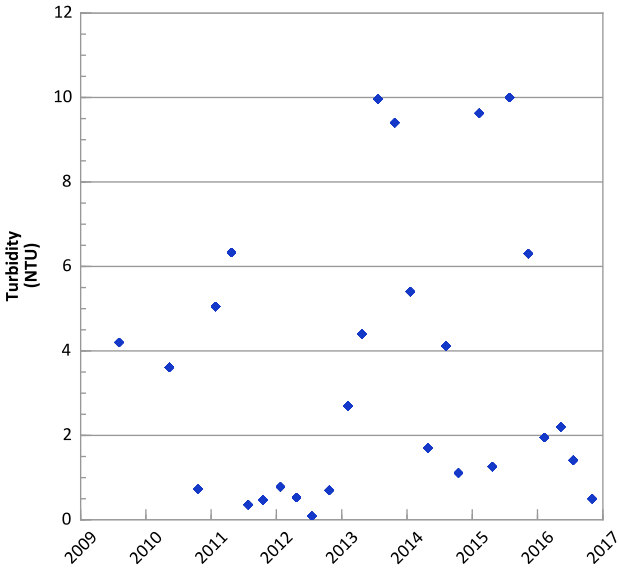


PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



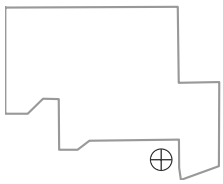






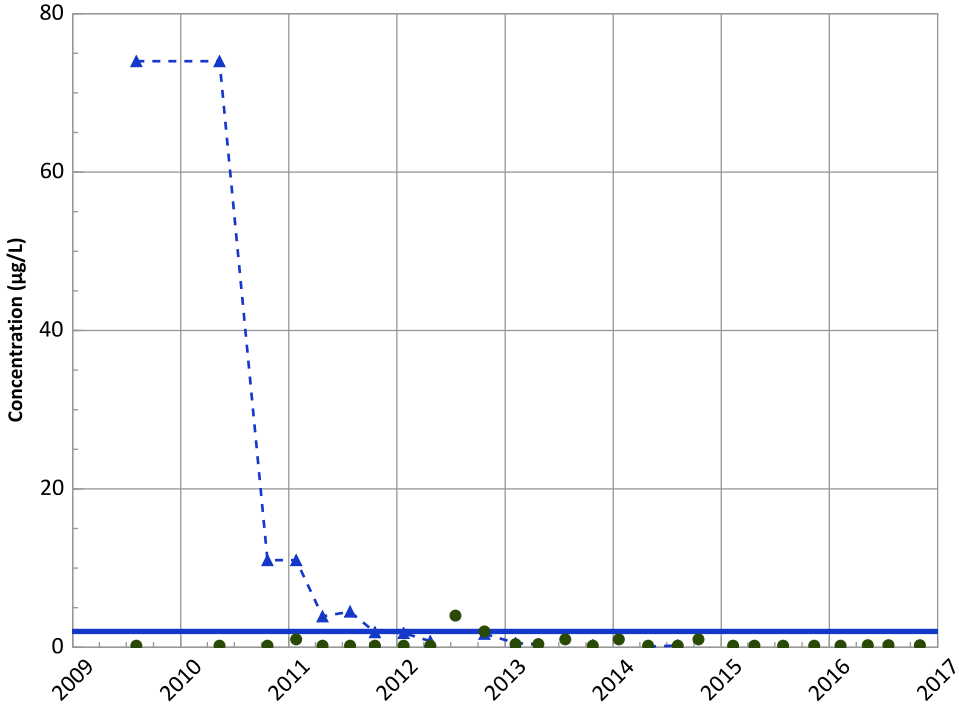
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/04/2009 to 11/02/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

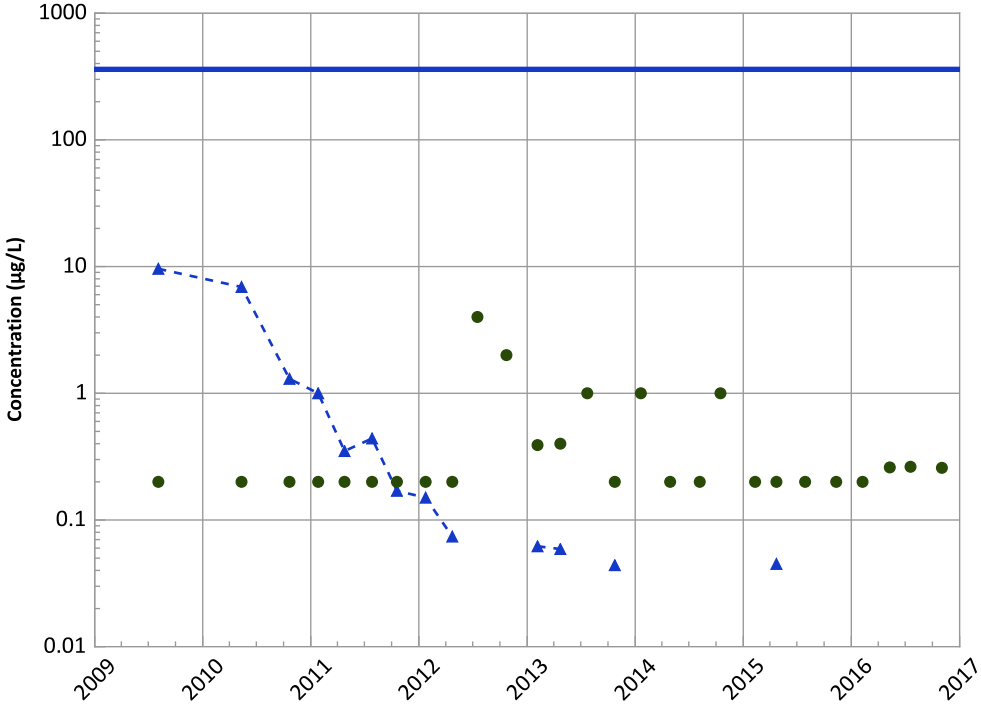


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Stable

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

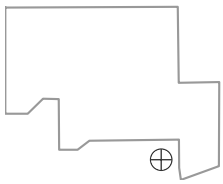
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Probably Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/04/2009 to 11/02/2016
Analysis Date: 03/07/2017

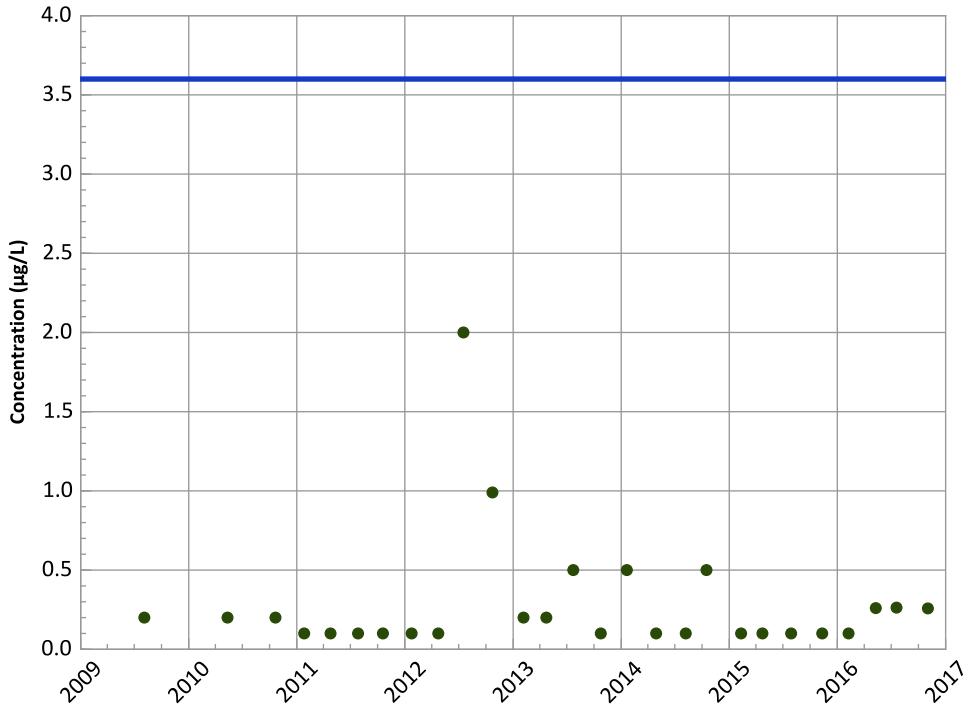
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

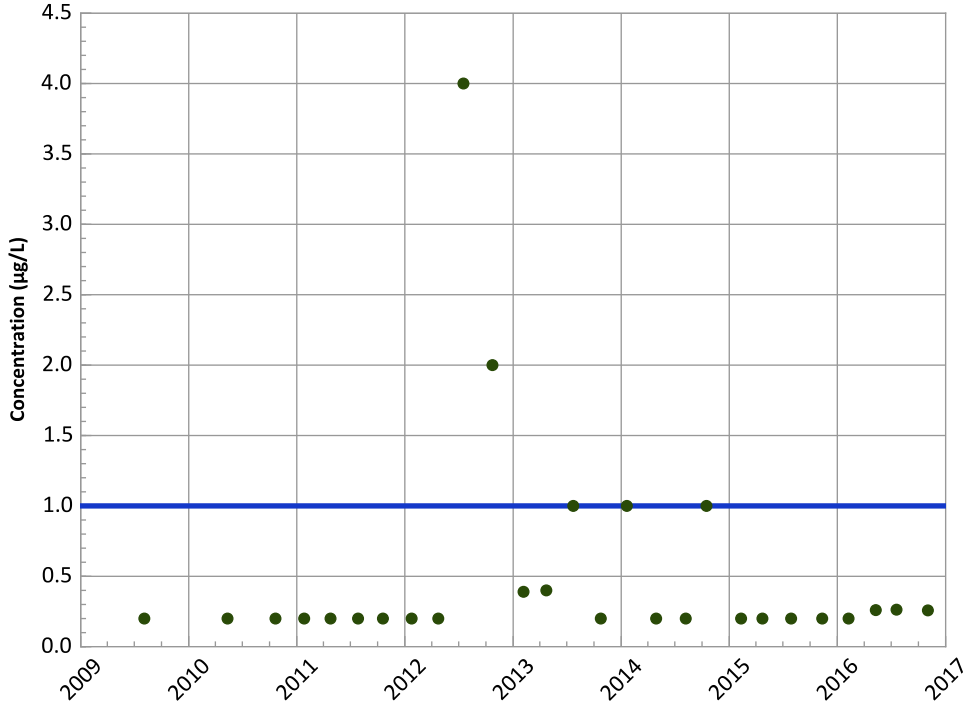


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

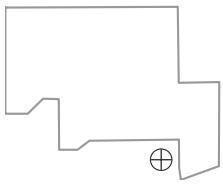
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/04/2009 to 11/02/2016
Analysis Date: 03/07/2017

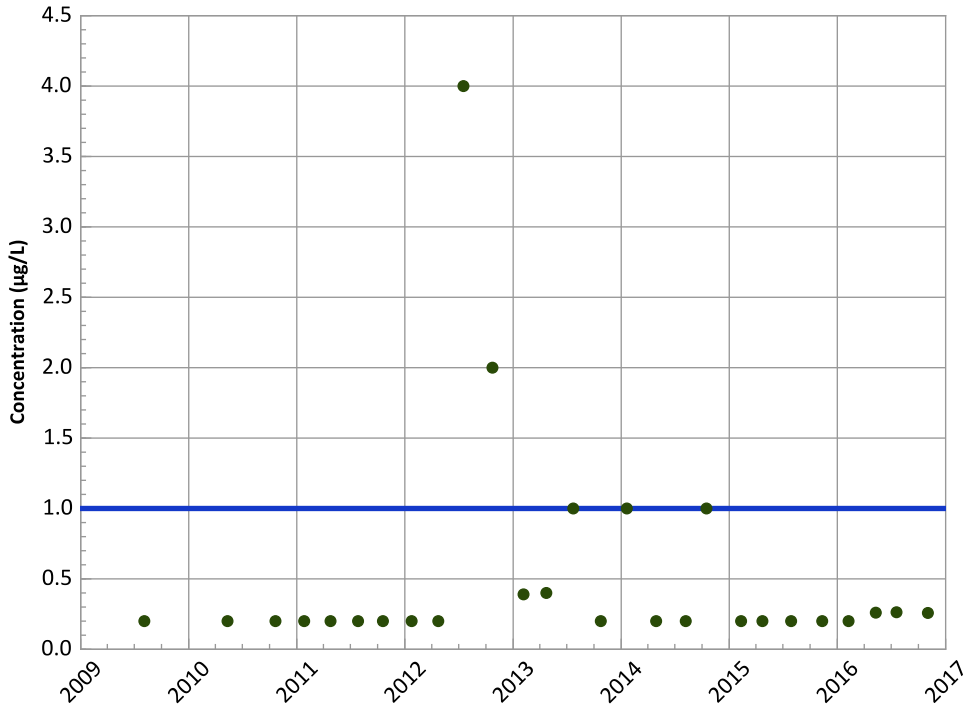
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

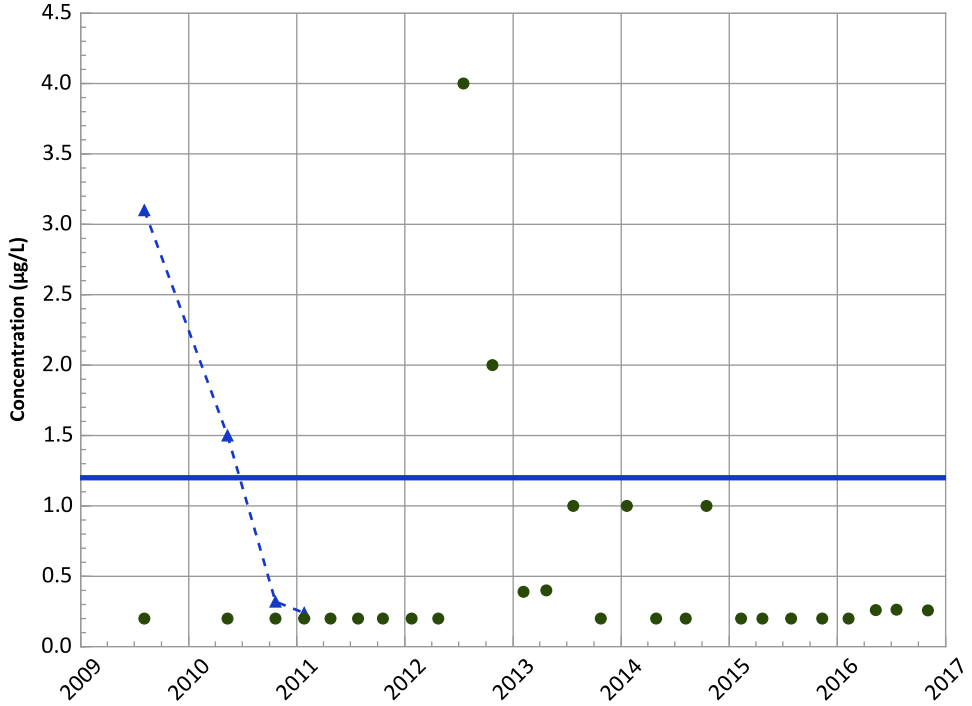


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

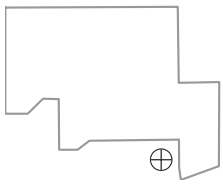
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/04/2009 to 11/02/2016
Analysis Date: 03/07/2017

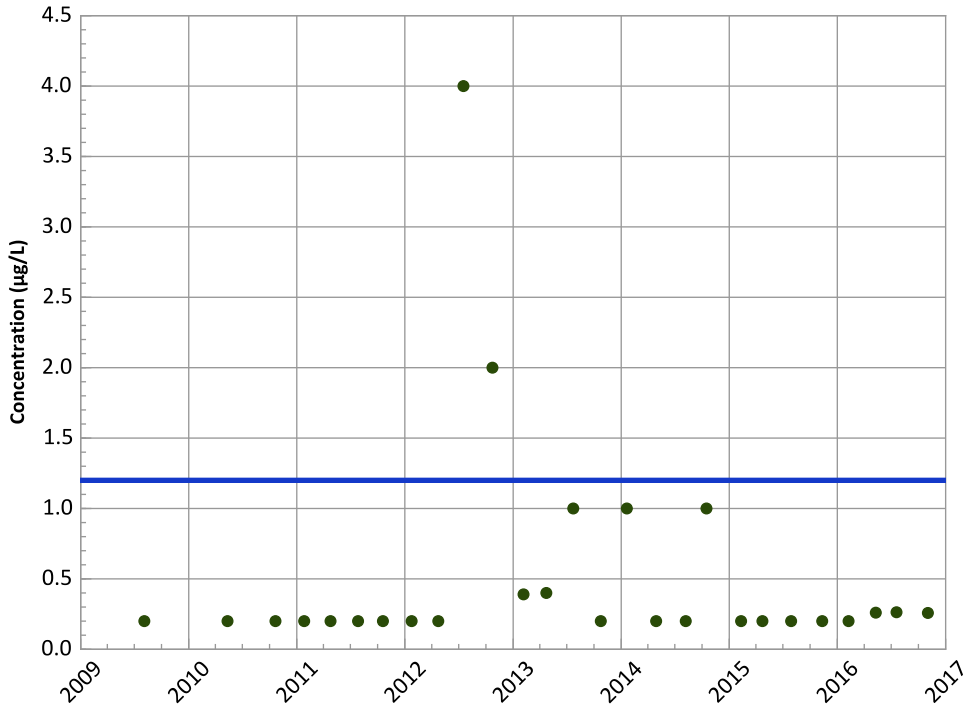
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

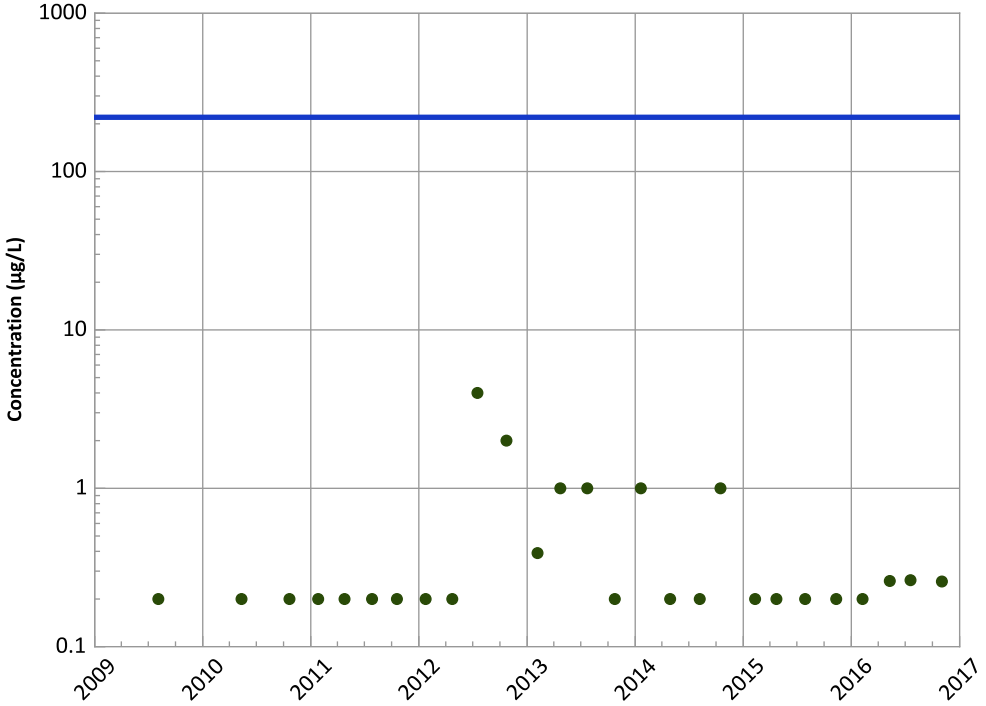


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

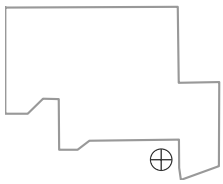
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/04/2009 to 11/02/2016
Analysis Date: 03/07/2017

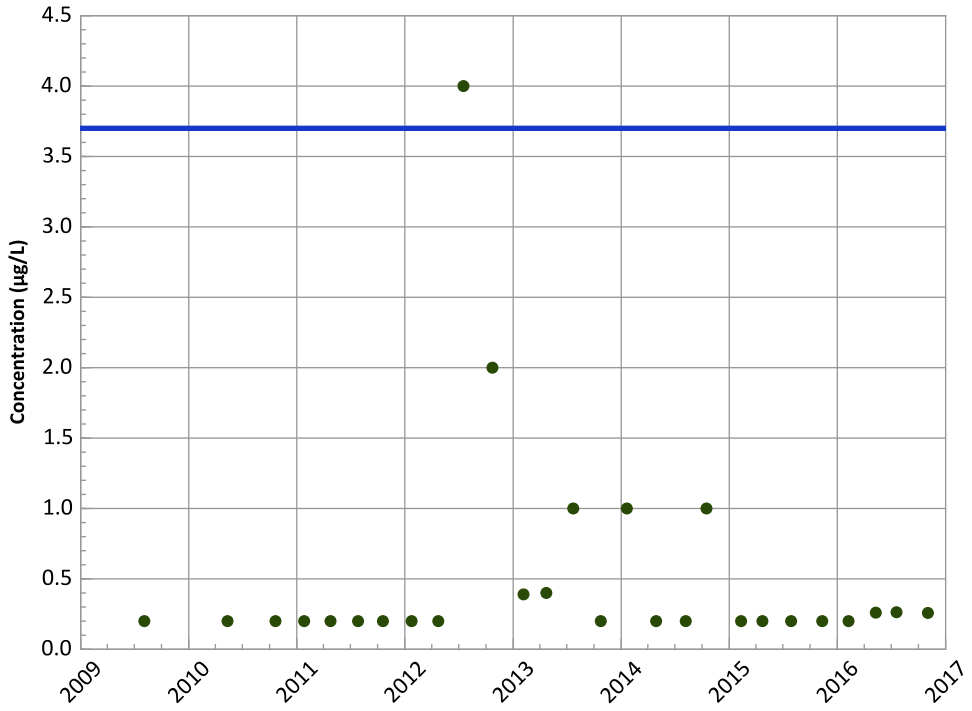
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

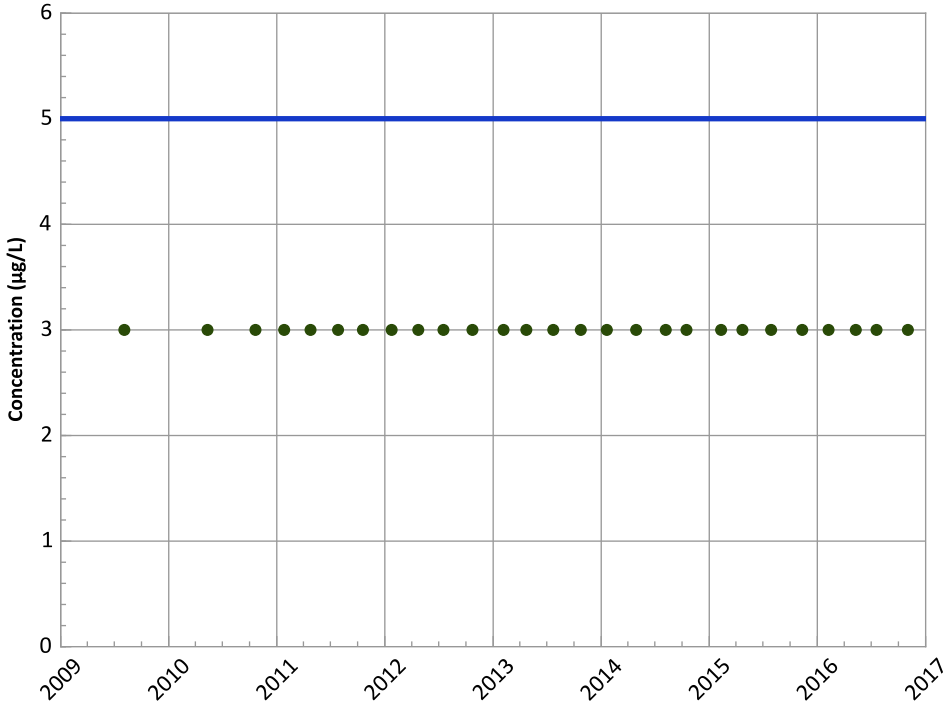


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

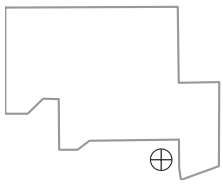
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/04/2009 to 11/02/2016
Analysis Date: 03/07/2017

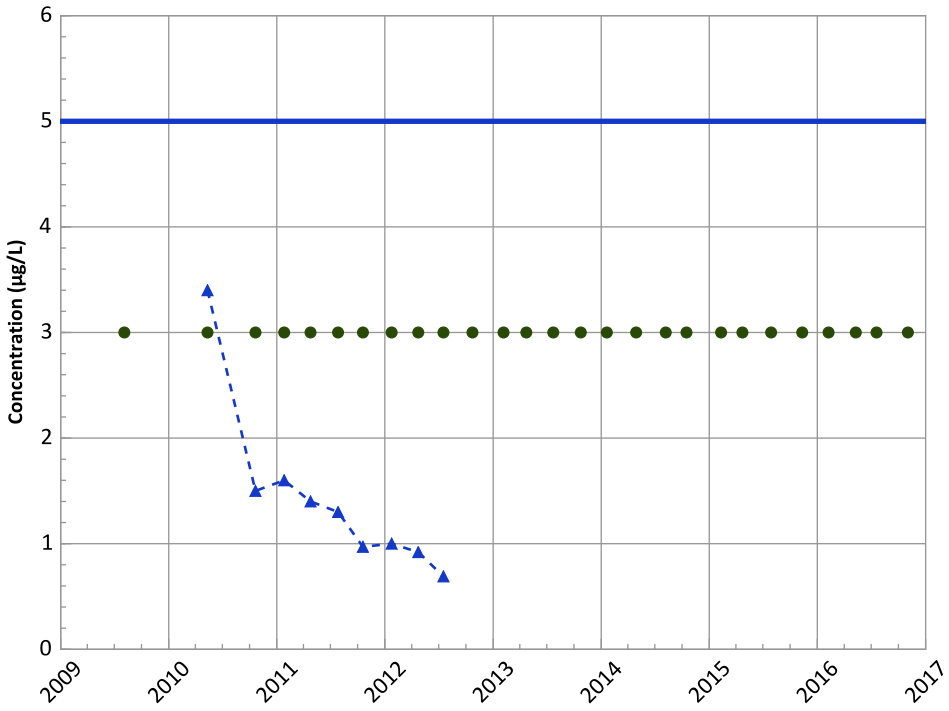
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

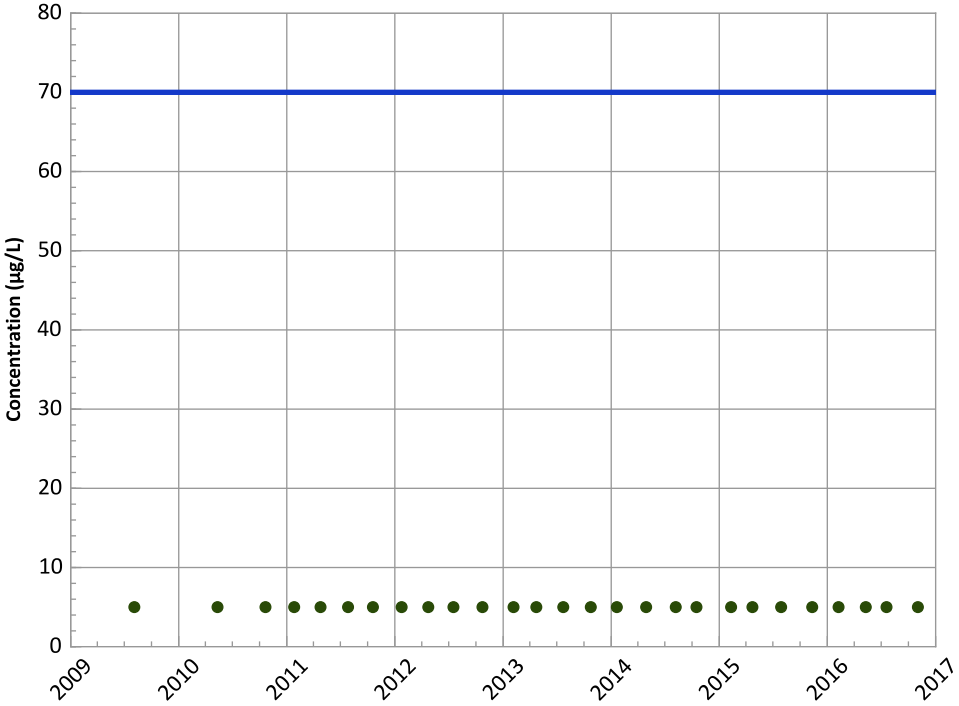


Concentration Trend

MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

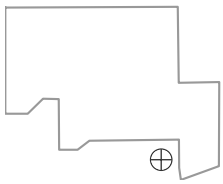
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/04/2009 to 11/02/2016
Analysis Date: 03/07/2017

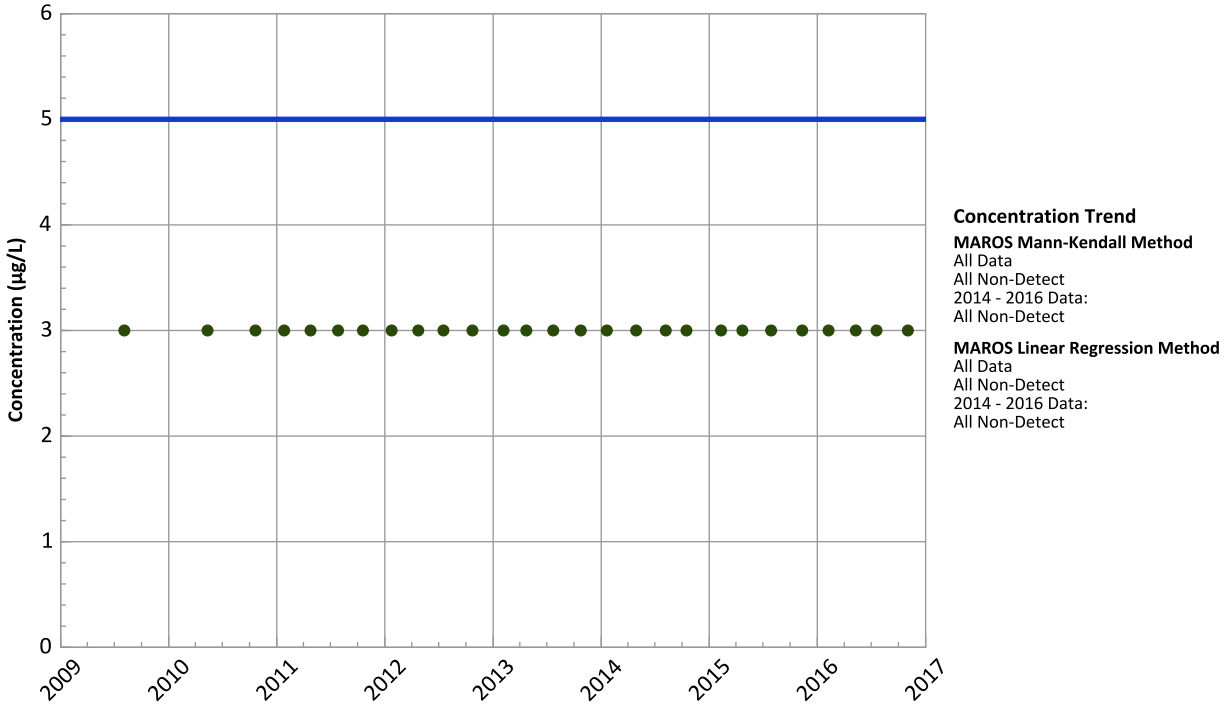
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

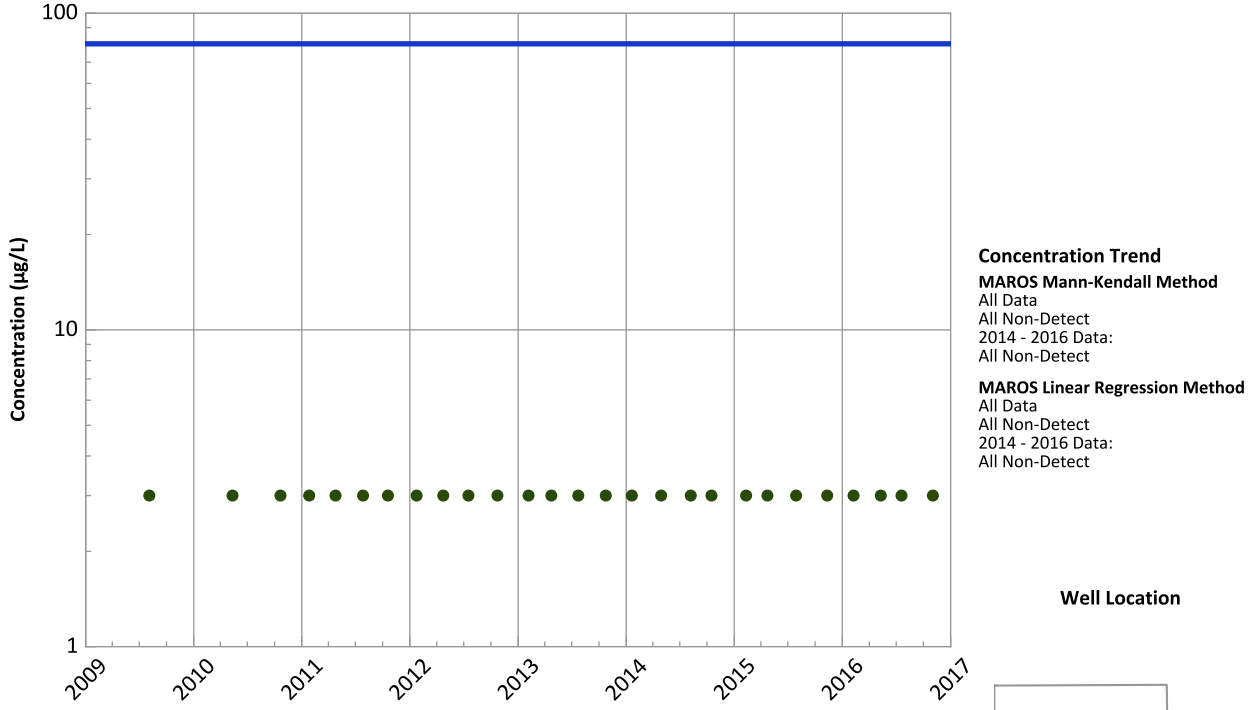


PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend



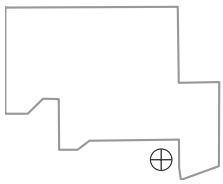
Chloroform Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/04/2009 to 11/02/2016
Analysis Date: 03/07/2017

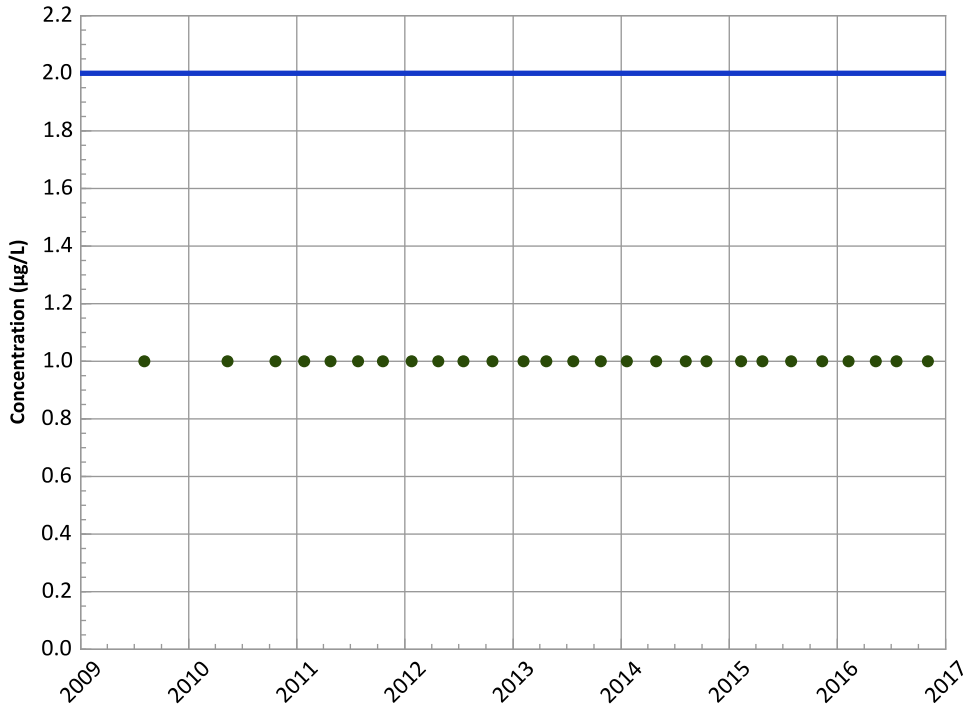
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

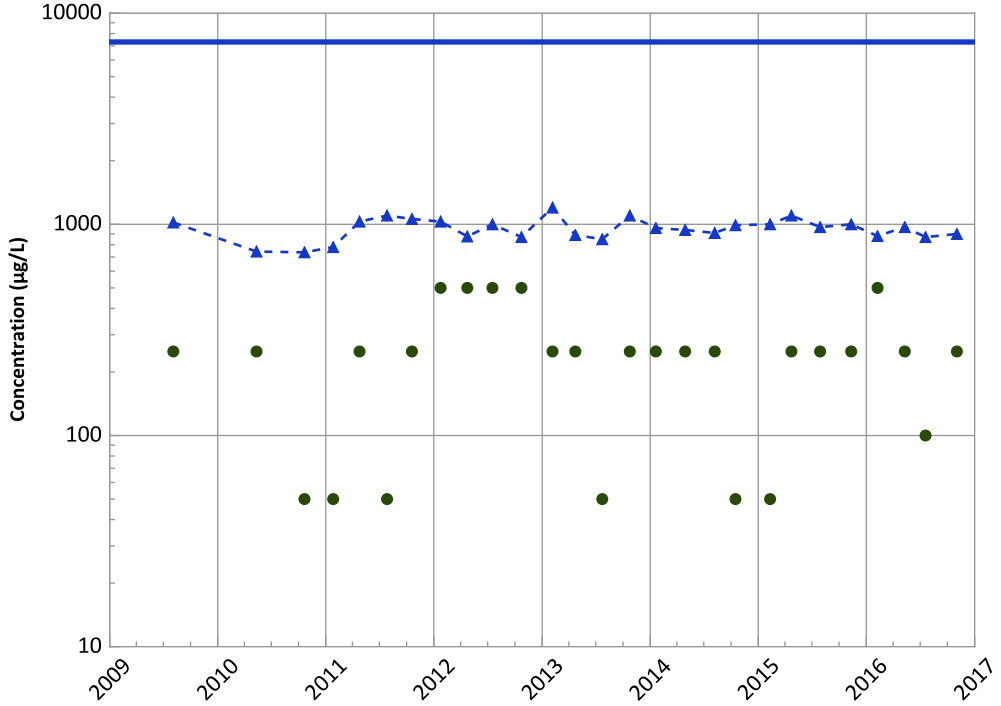


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Boron Trend



Concentration Trend

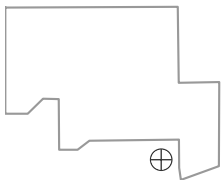
MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
Stable

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Increasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/04/2009 to 11/02/2016
Analysis Date: 03/07/2017

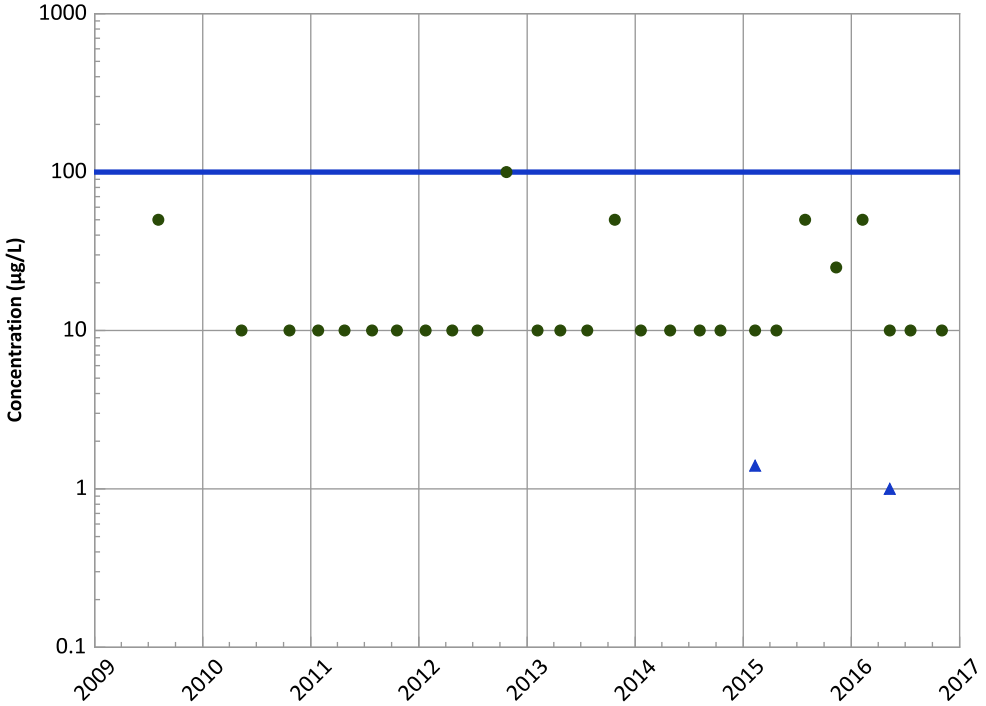
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

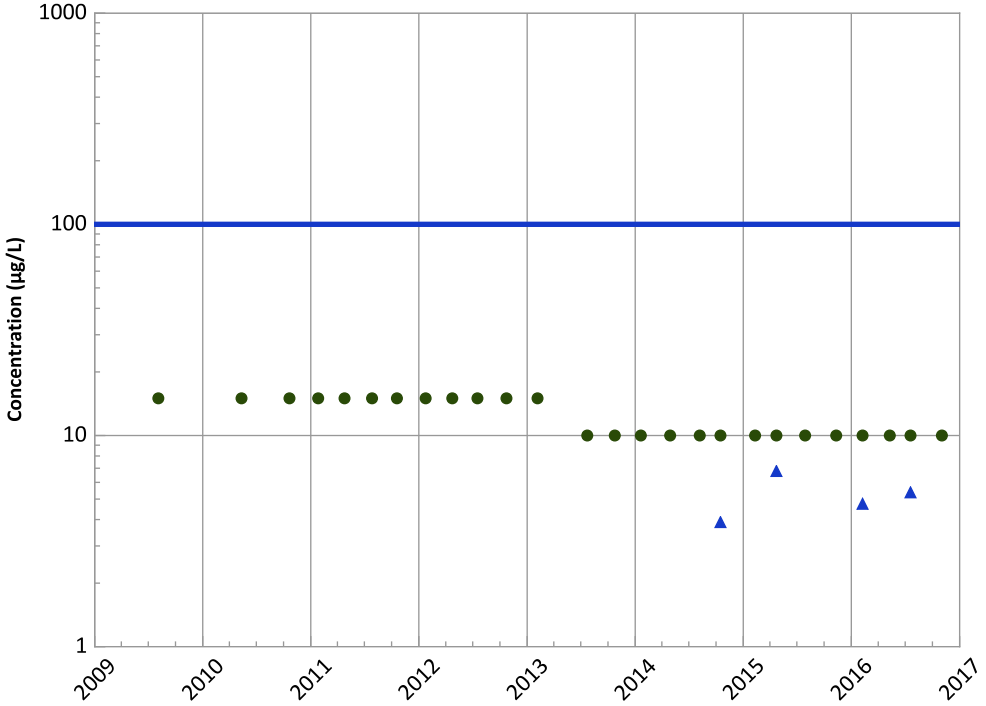


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Chromium, Hexavalent Trend



Concentration Trend

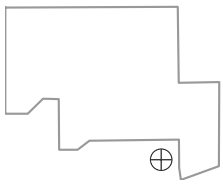
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/04/2009 to 11/02/2016
Analysis Date: 03/07/2017

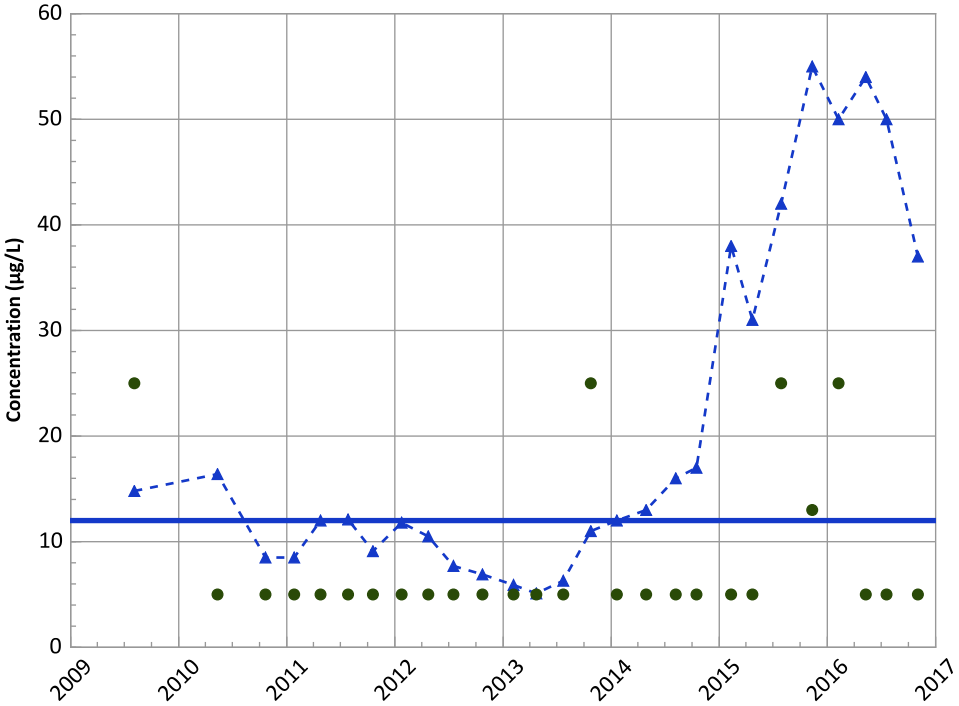
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

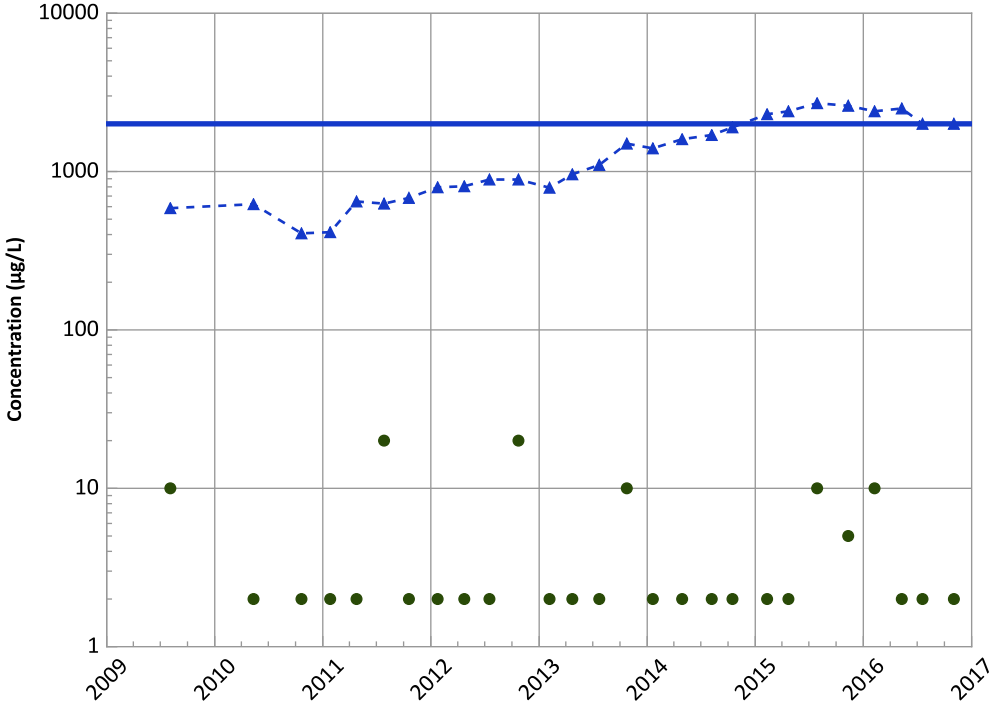


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Stable

Barium Trend



Concentration Trend

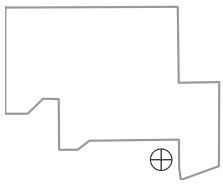
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/04/2009 to 11/02/2016
Analysis Date: 03/07/2017

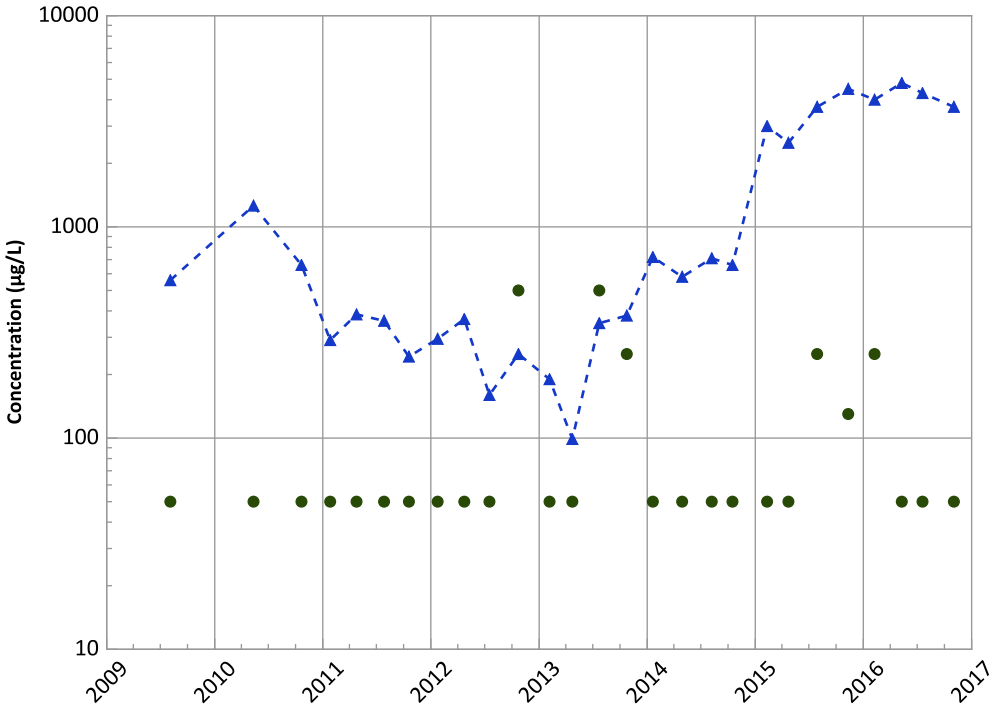
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

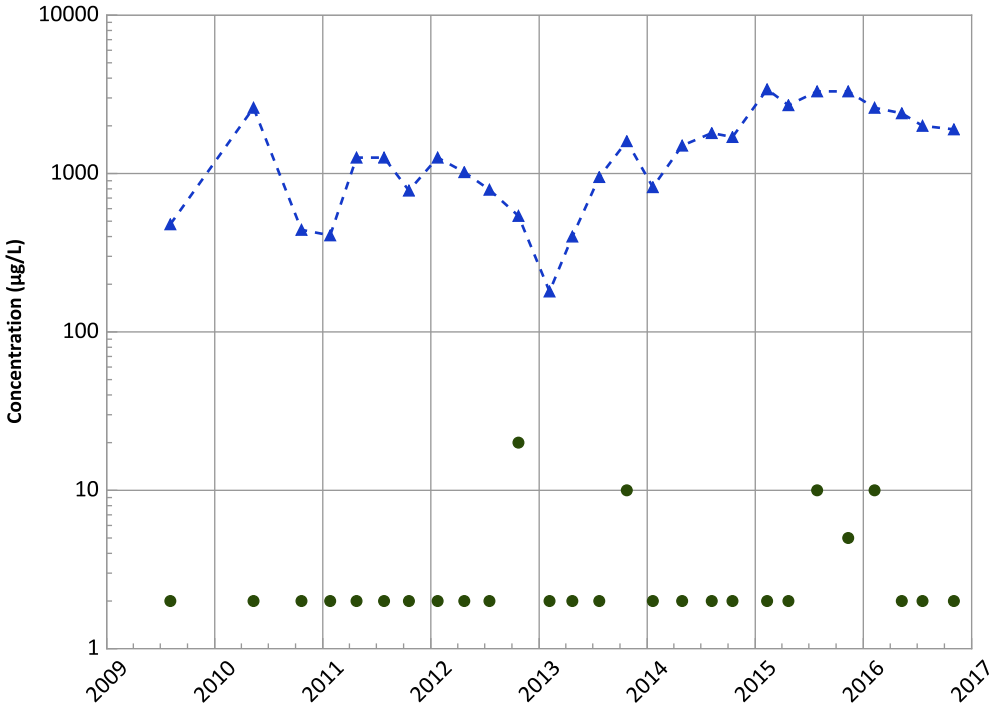


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Stable

Manganese Trend

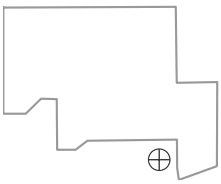


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

Well Location

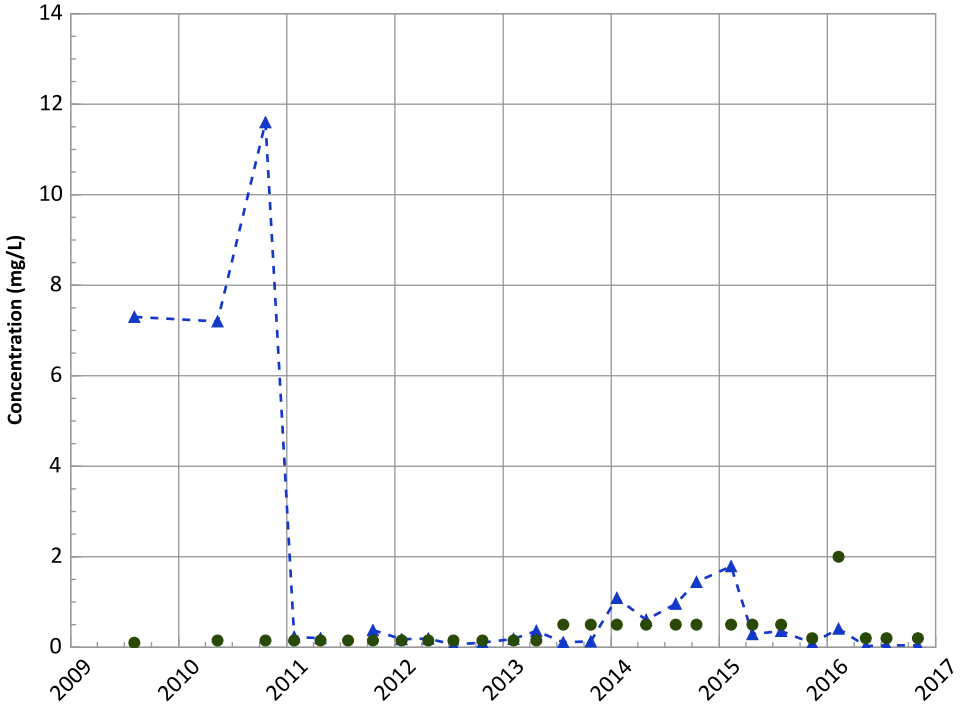


Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/04/2009 to 11/02/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend

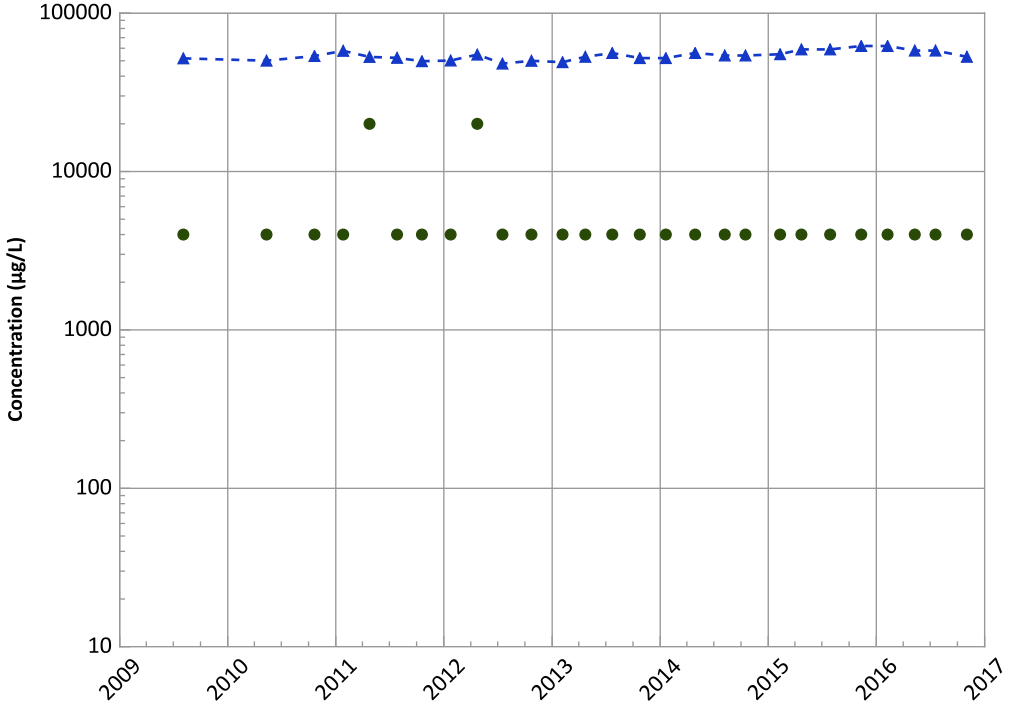


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Probably Decreasing

Chloride (as Cl) Trend



Concentration Trend

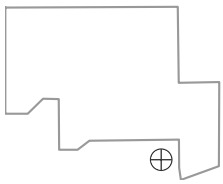
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/04/2009 to 11/02/2016
Analysis Date: 03/07/2017

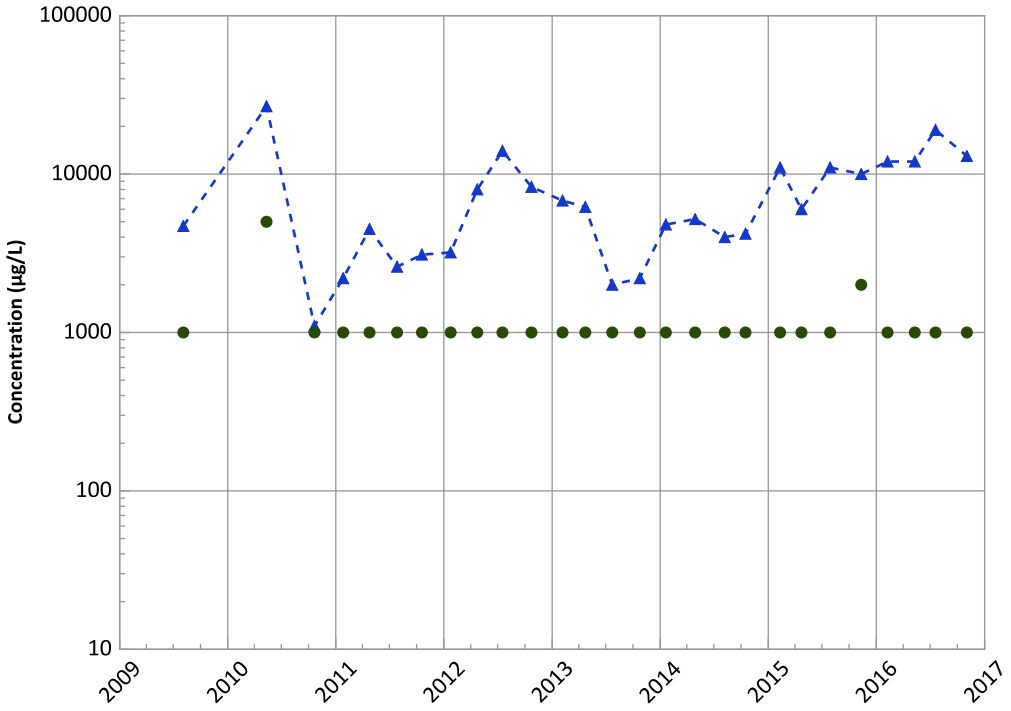
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

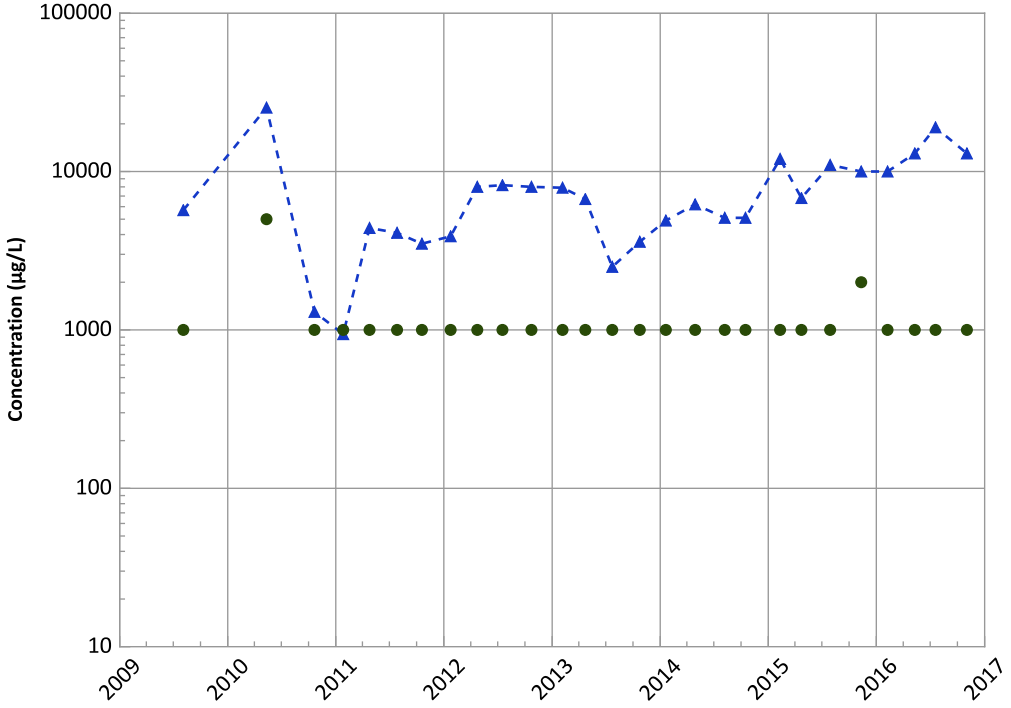


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
No Trend

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

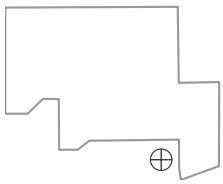
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/04/2009 to 11/02/2016
Analysis Date: 03/07/2017

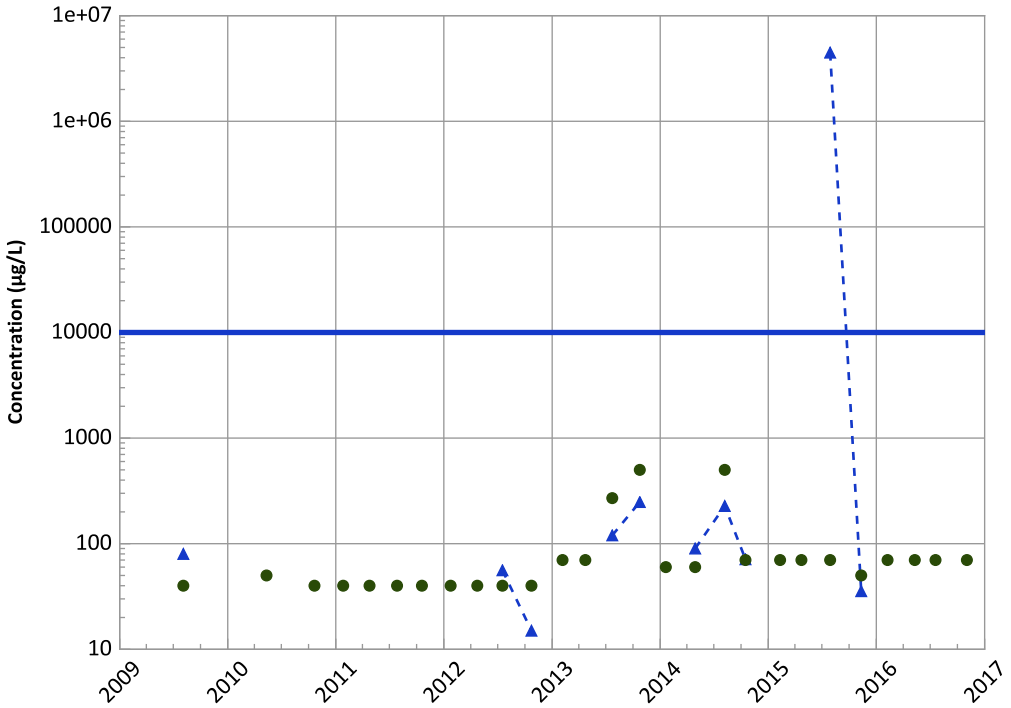
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

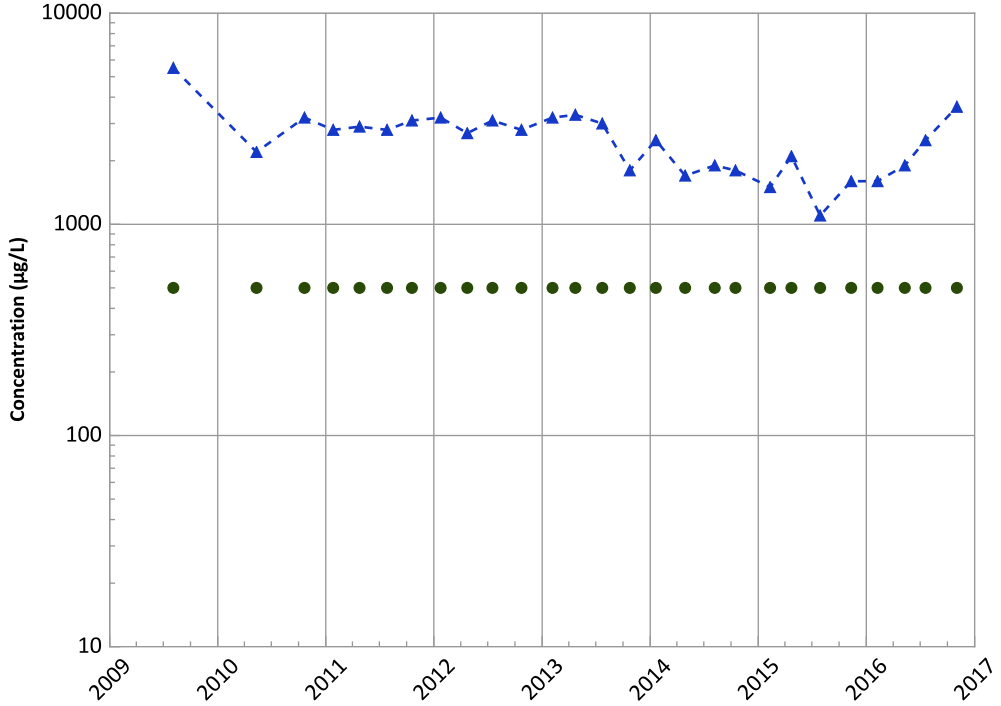


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
No Trend

Sulfate (as SO4) Trend



Concentration Trend

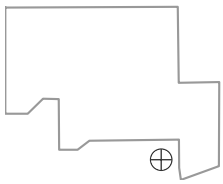
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Increasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Increasing

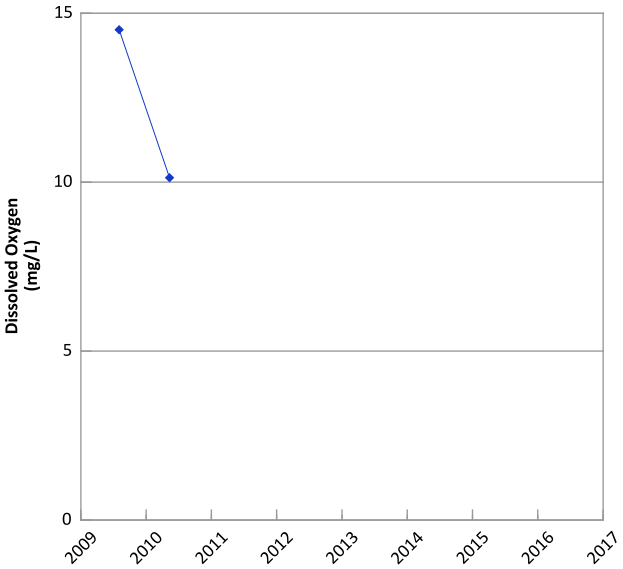
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/04/2009 to 11/02/2016
Analysis Date: 03/07/2017

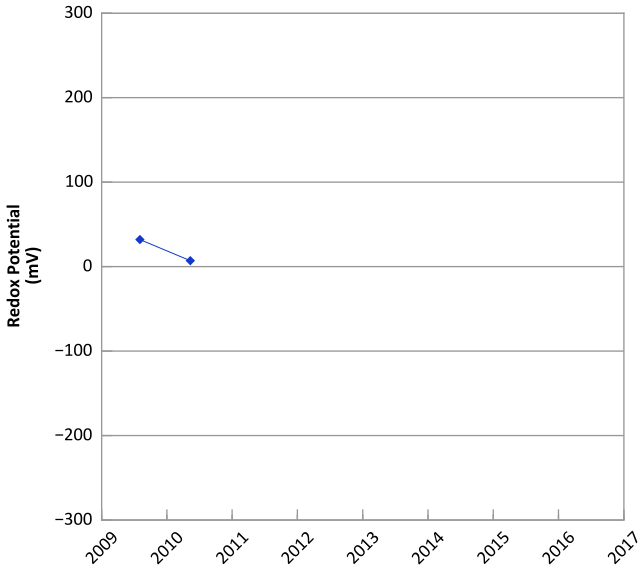
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

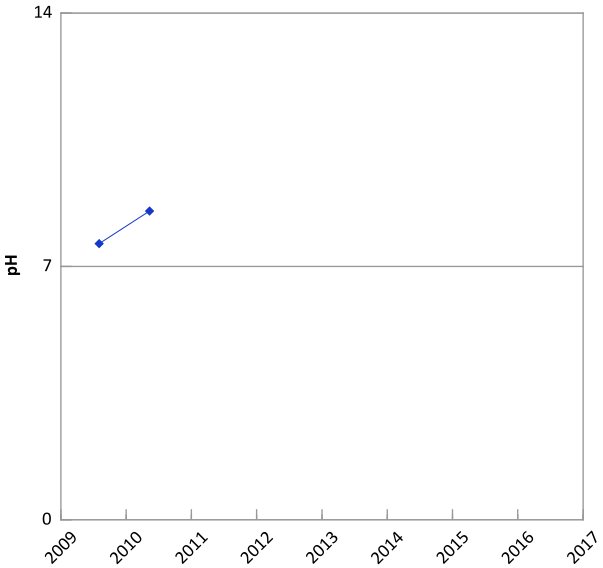
Well Location

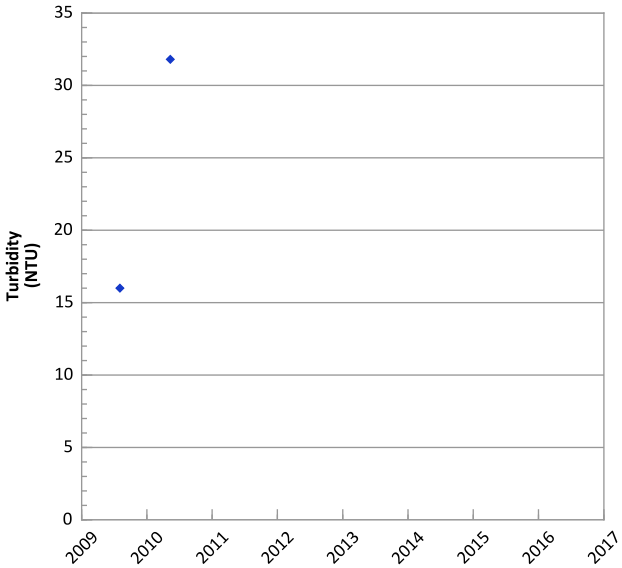


PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



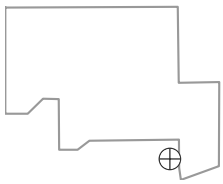






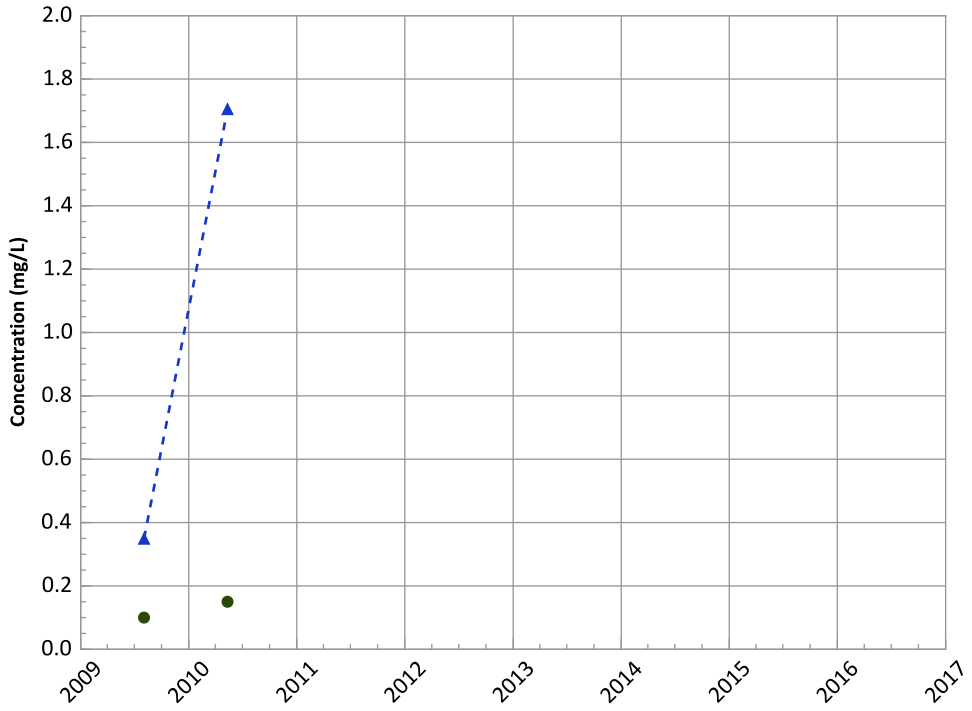
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/03/2009 to 05/12/2010
Analysis Date: 03/07/2017

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

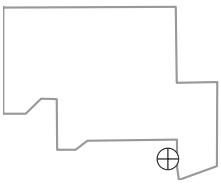
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

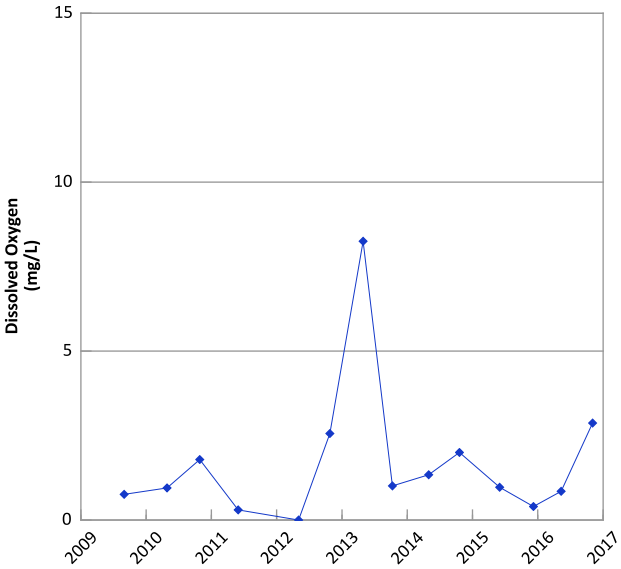
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/03/2009 to 05/12/2010
Analysis Date: 03/07/2017

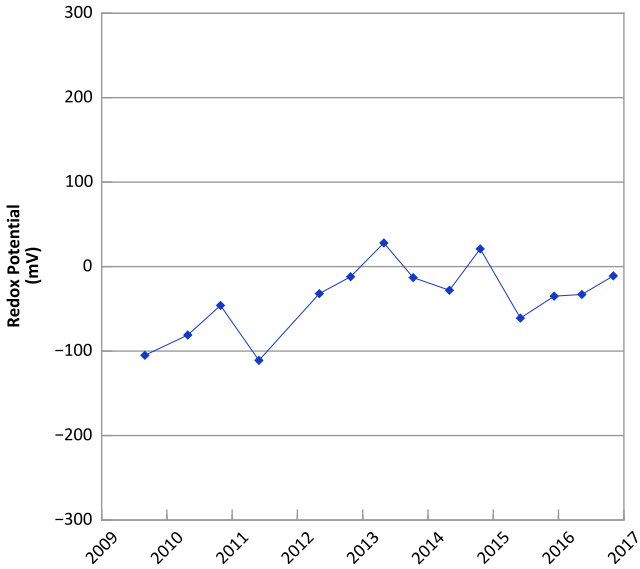
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

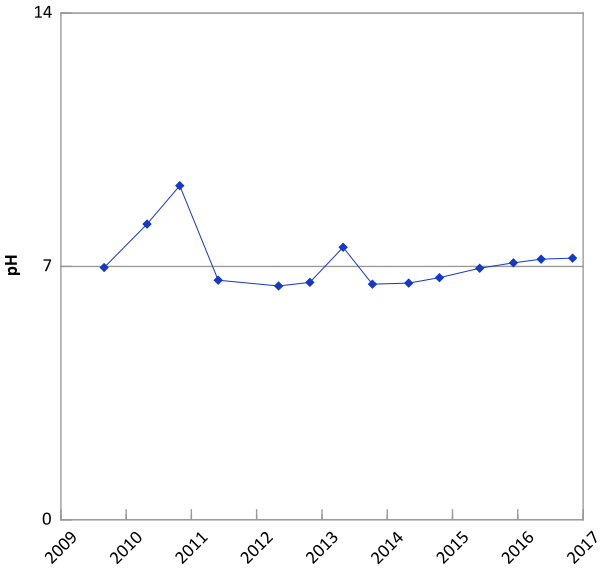
Well Location

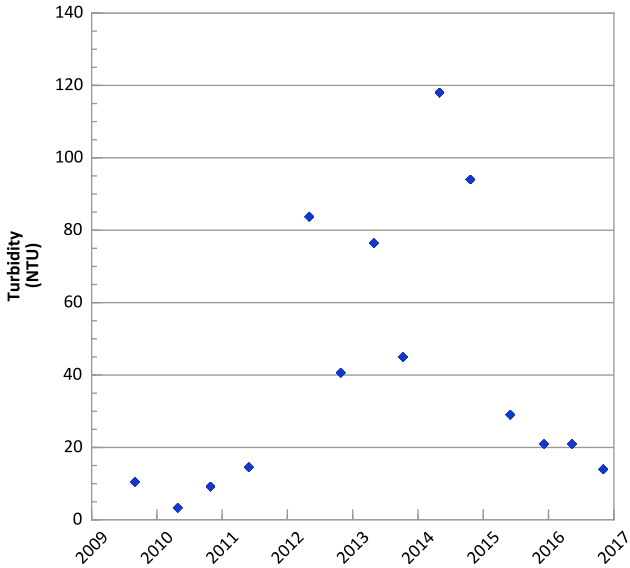


PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



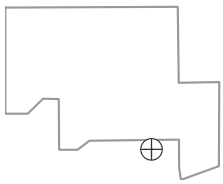






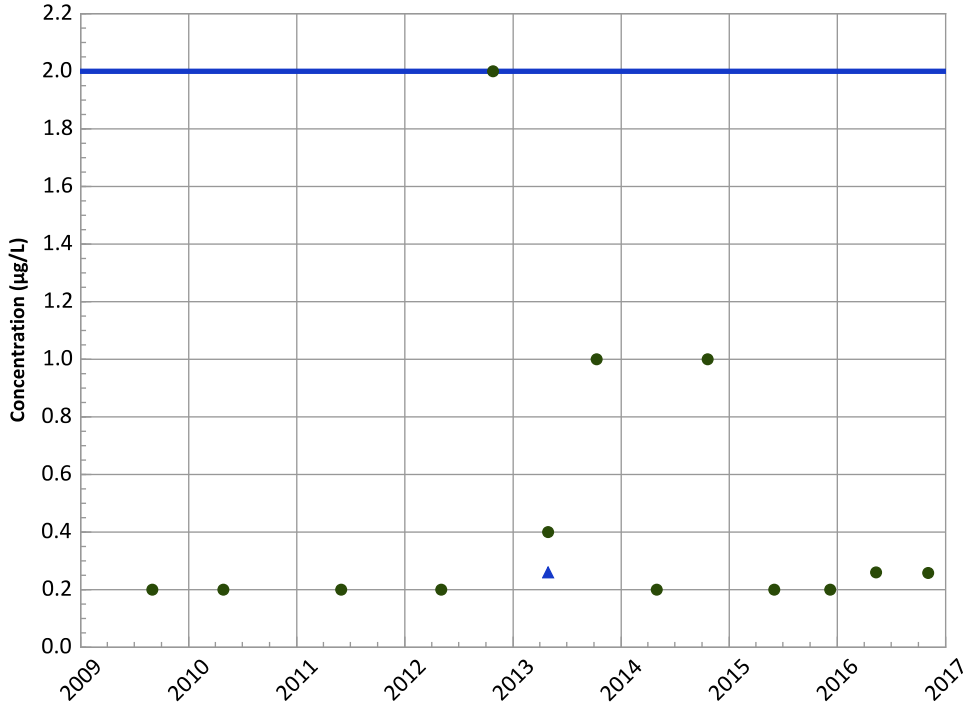
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/31/2009 to 11/03/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

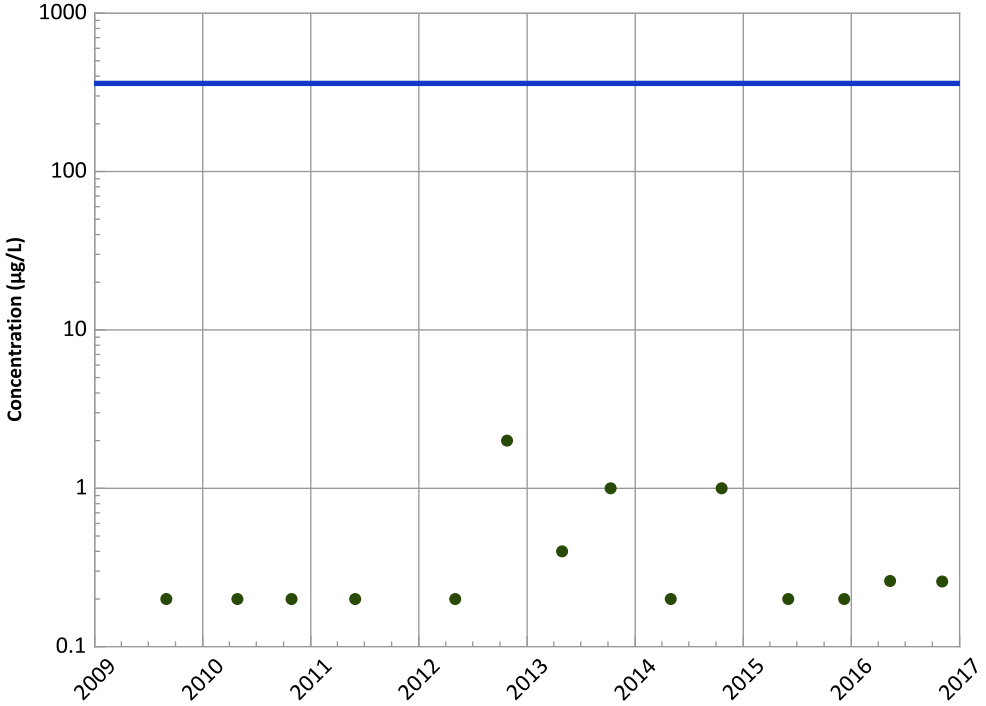


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

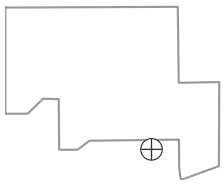
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/31/2009 to 11/03/2016
Analysis Date: 03/07/2017

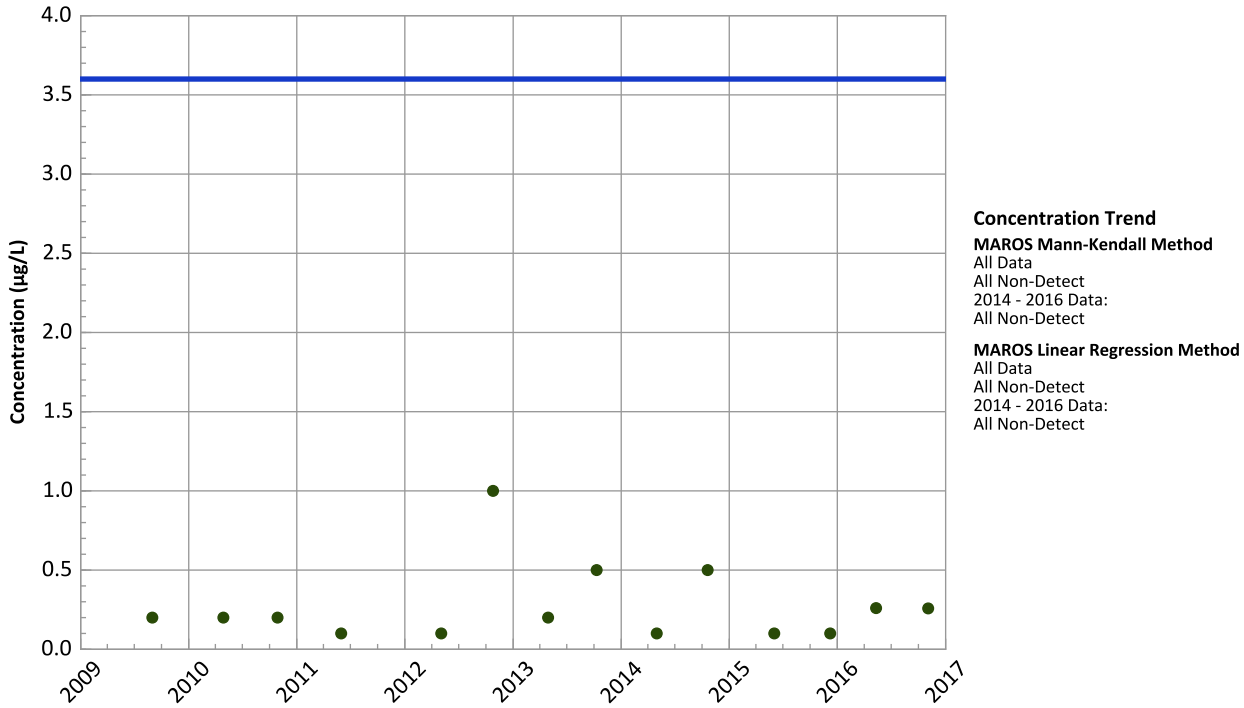
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location

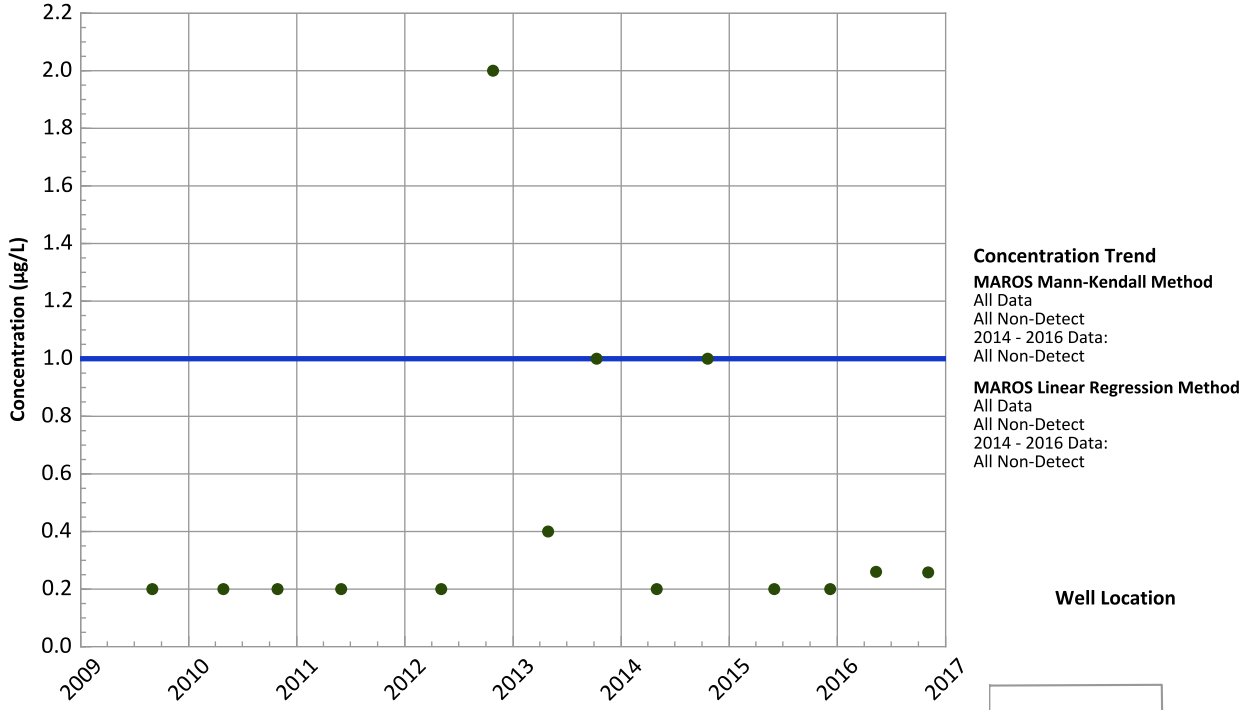


PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



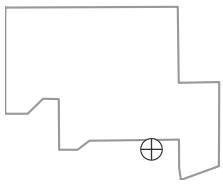
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/31/2009 to 11/03/2016
Analysis Date: 03/07/2017

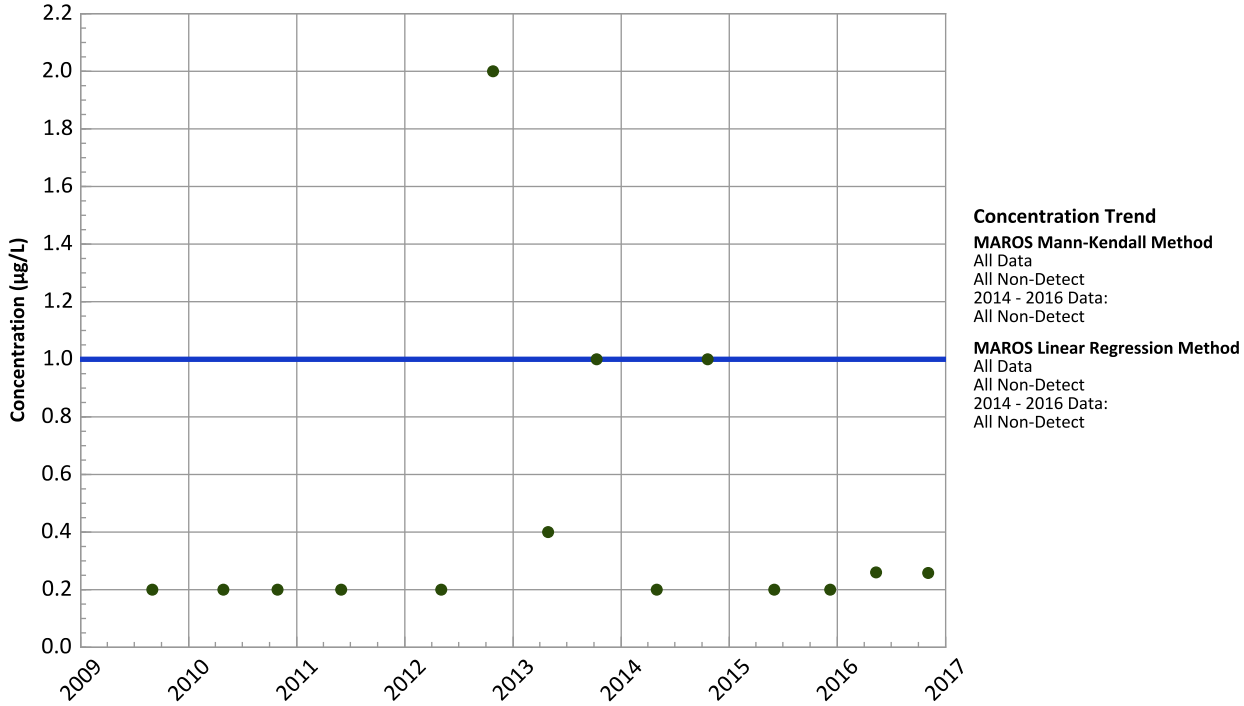
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location

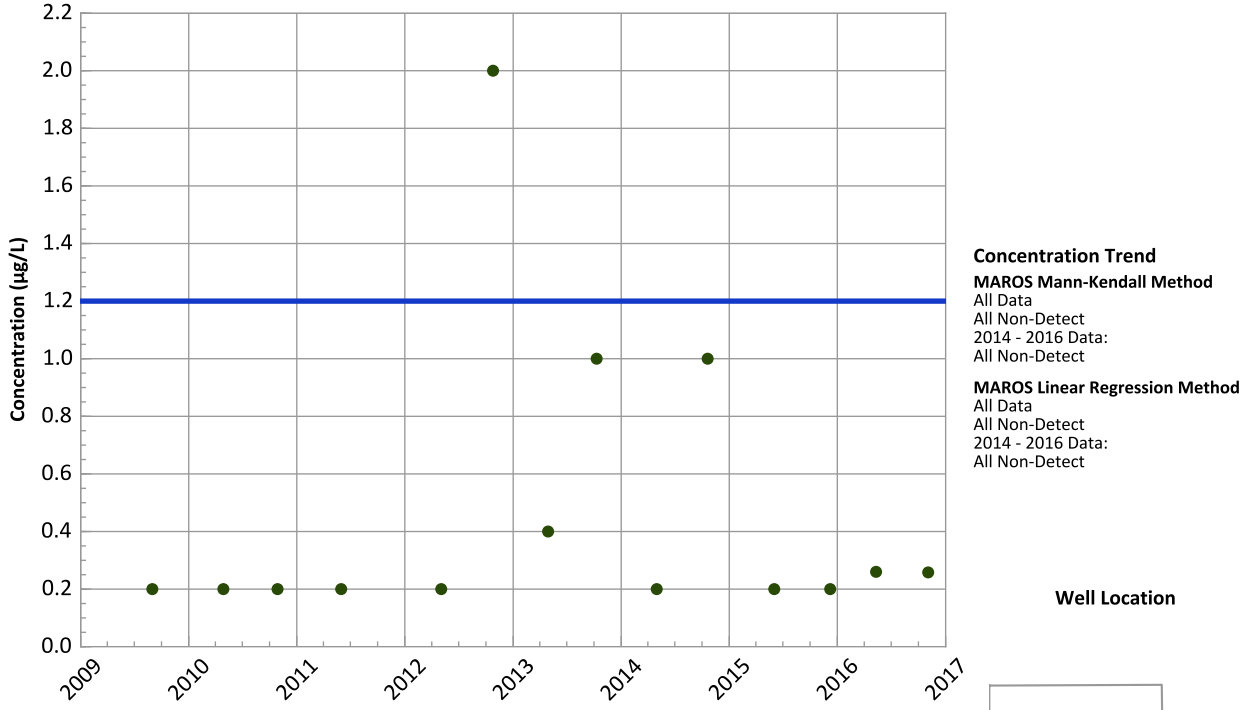


PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



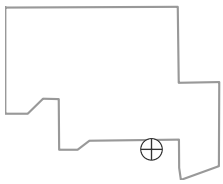
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/31/2009 to 11/03/2016
Analysis Date: 03/07/2017

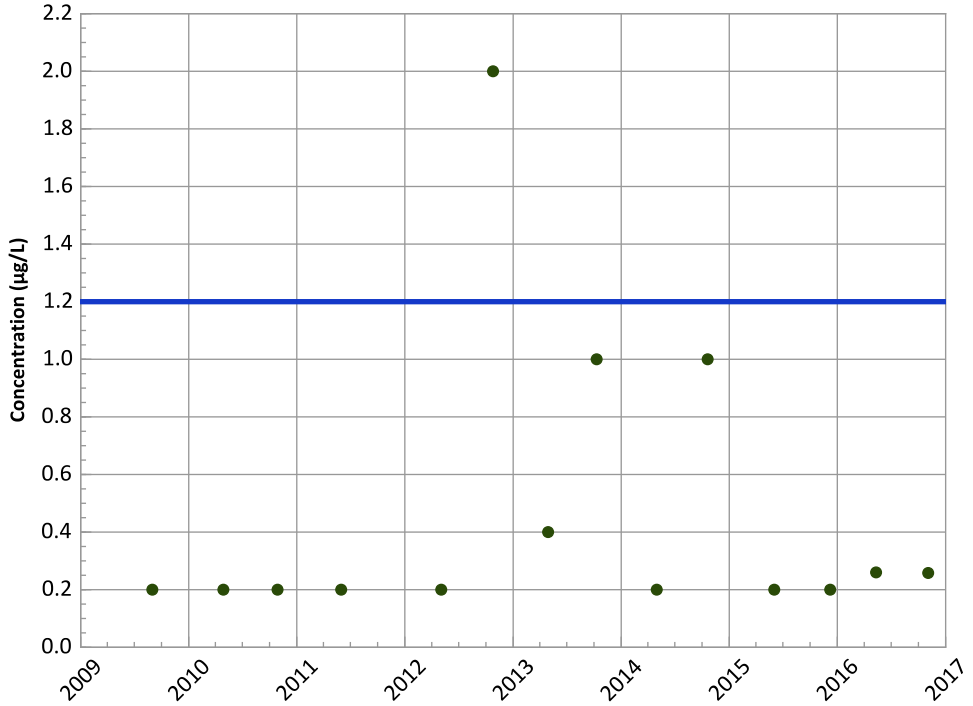
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

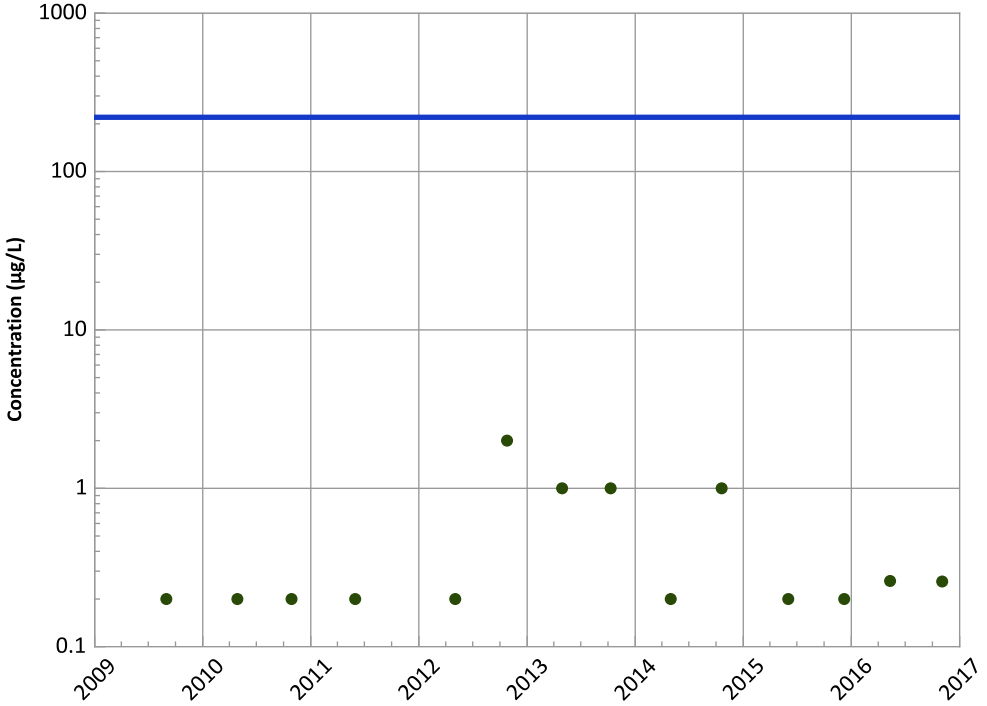


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

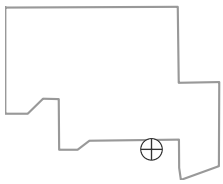
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/31/2009 to 11/03/2016
Analysis Date: 03/07/2017

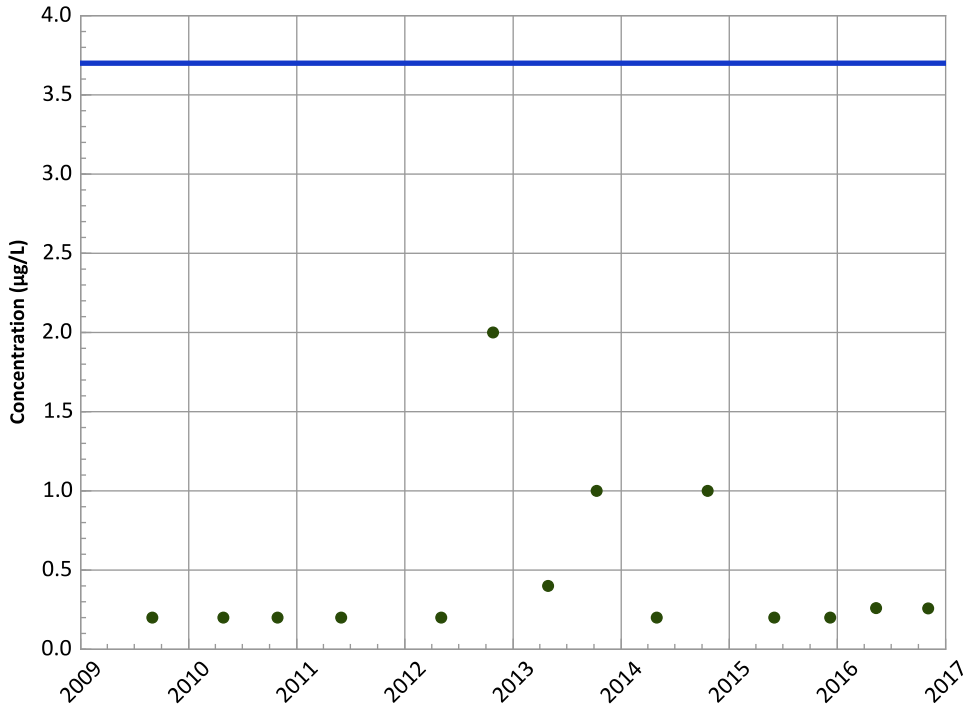
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

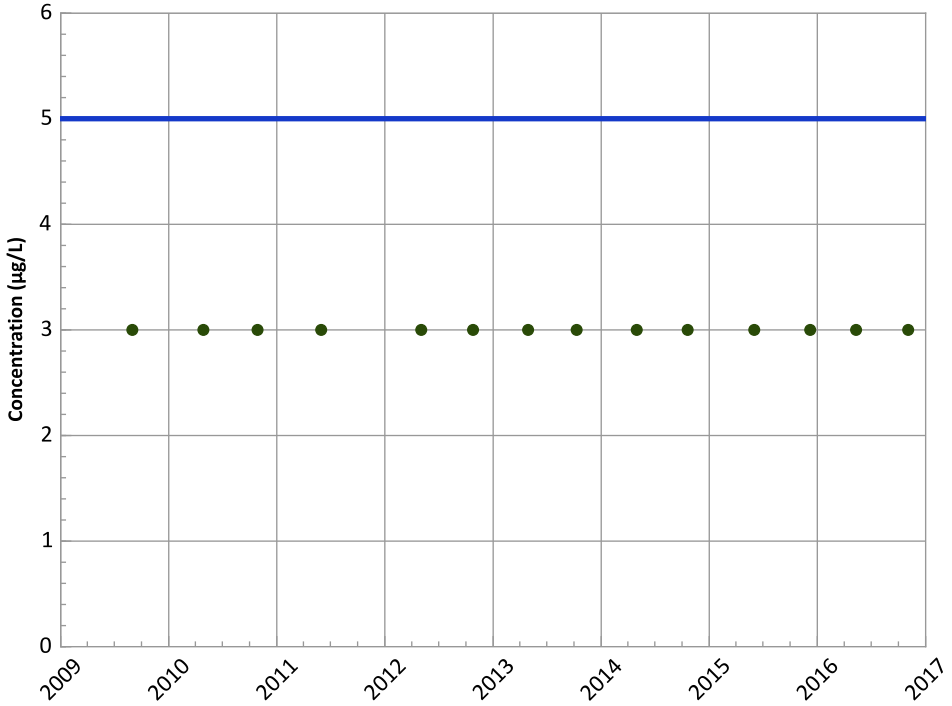


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

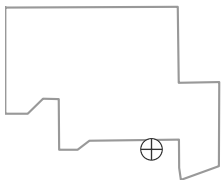
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/31/2009 to 11/03/2016
Analysis Date: 03/07/2017

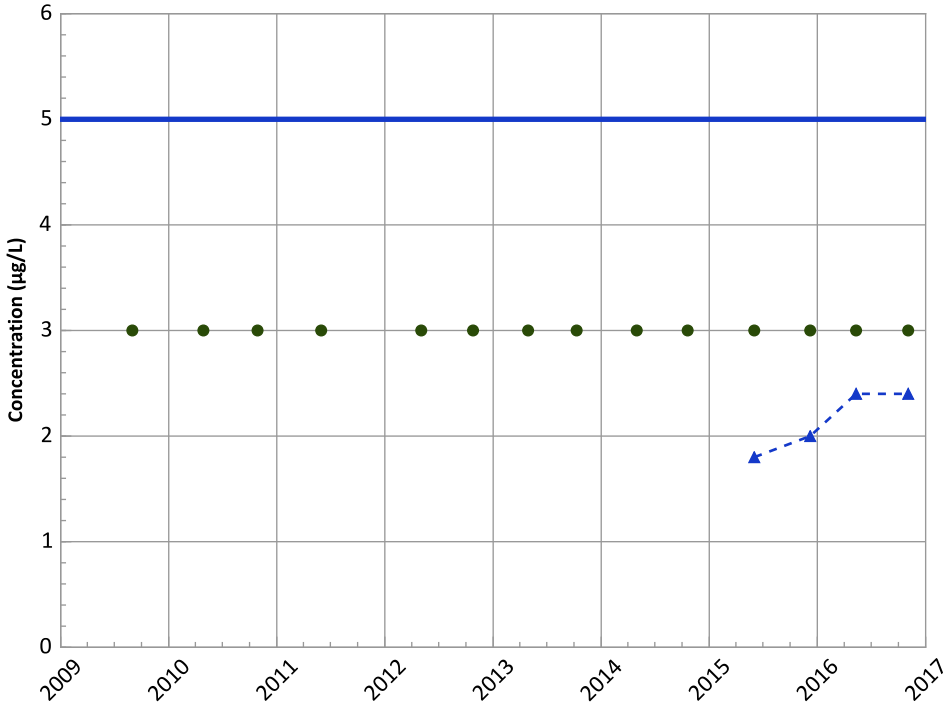
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

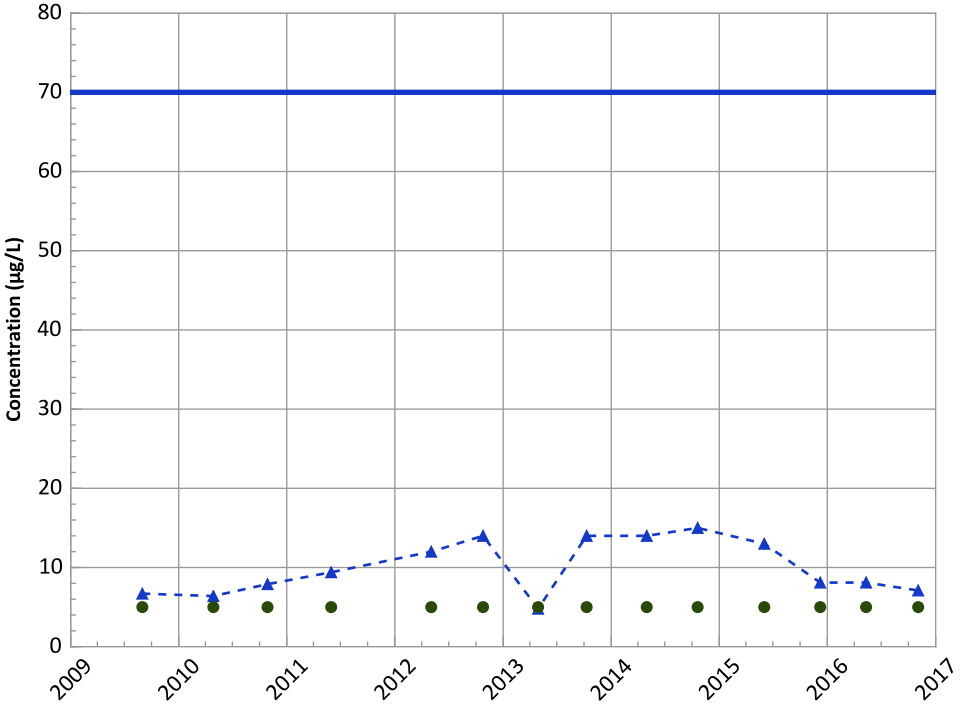


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Increasing

cis-1,2-Dichloroethene Trend



Concentration Trend

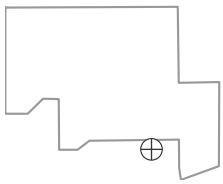
MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/31/2009 to 11/03/2016
Analysis Date: 03/07/2017

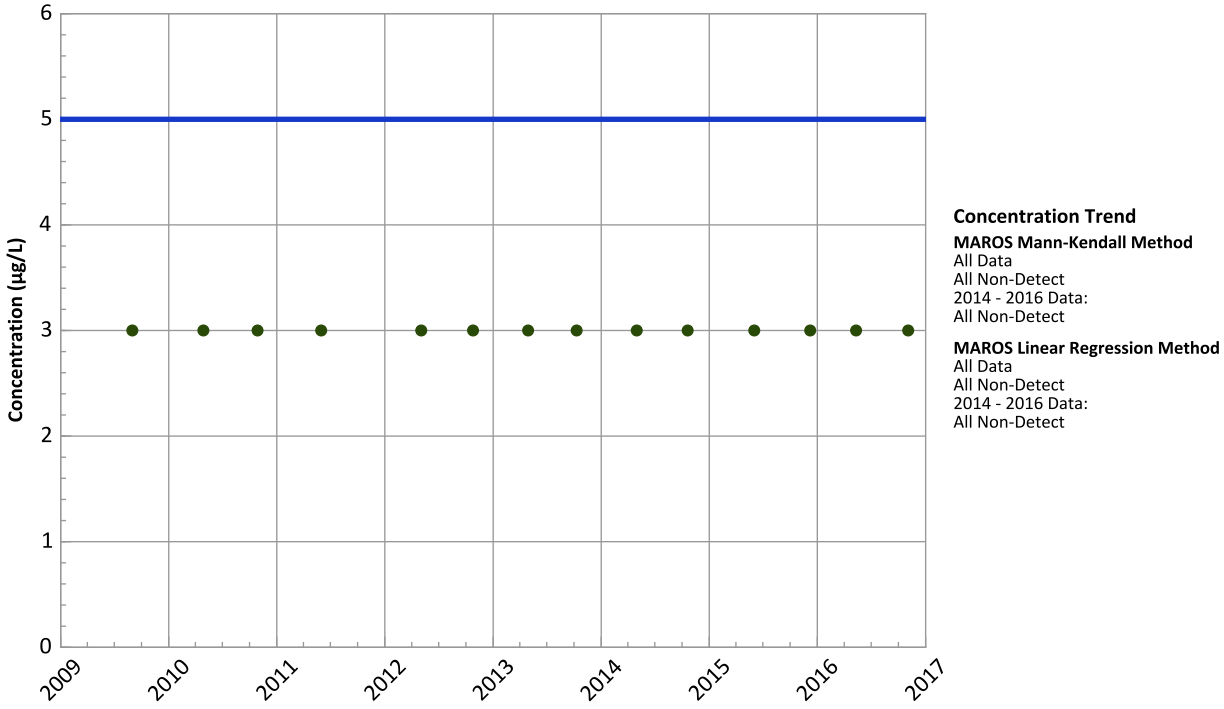
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location

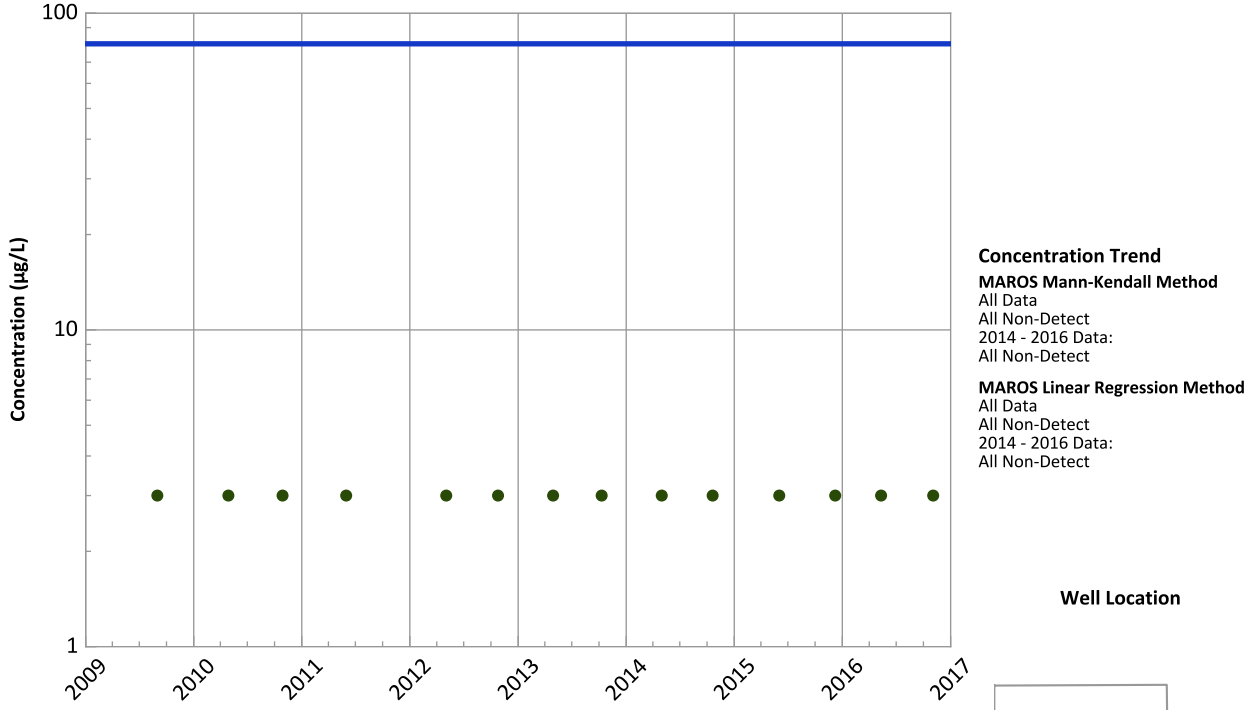


PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend



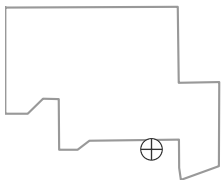
Chloroform Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/31/2009 to 11/03/2016
Analysis Date: 03/07/2017

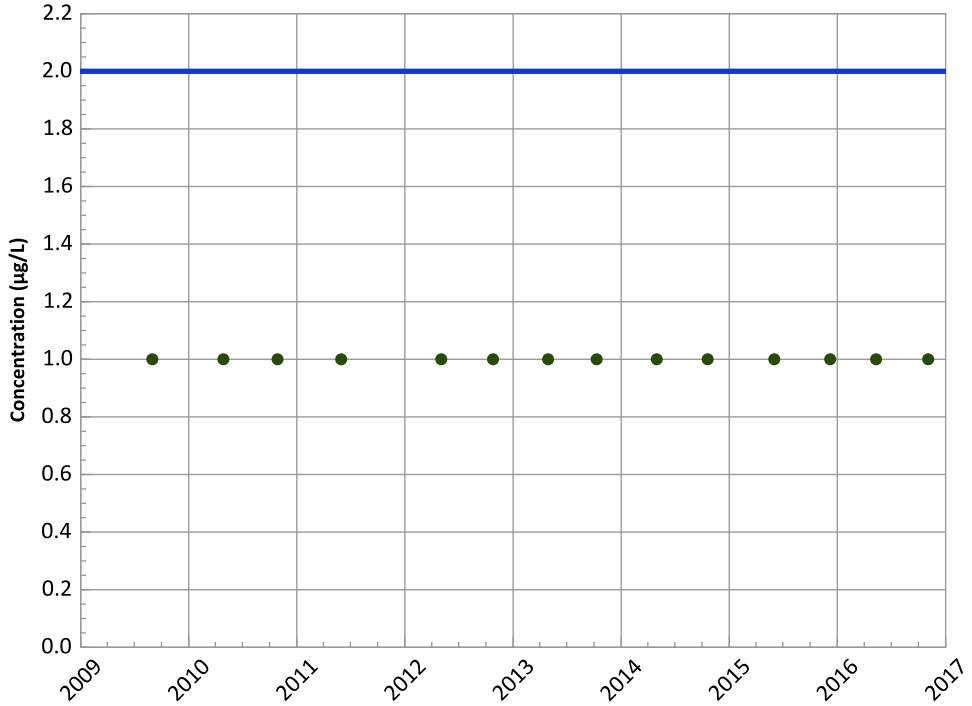
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

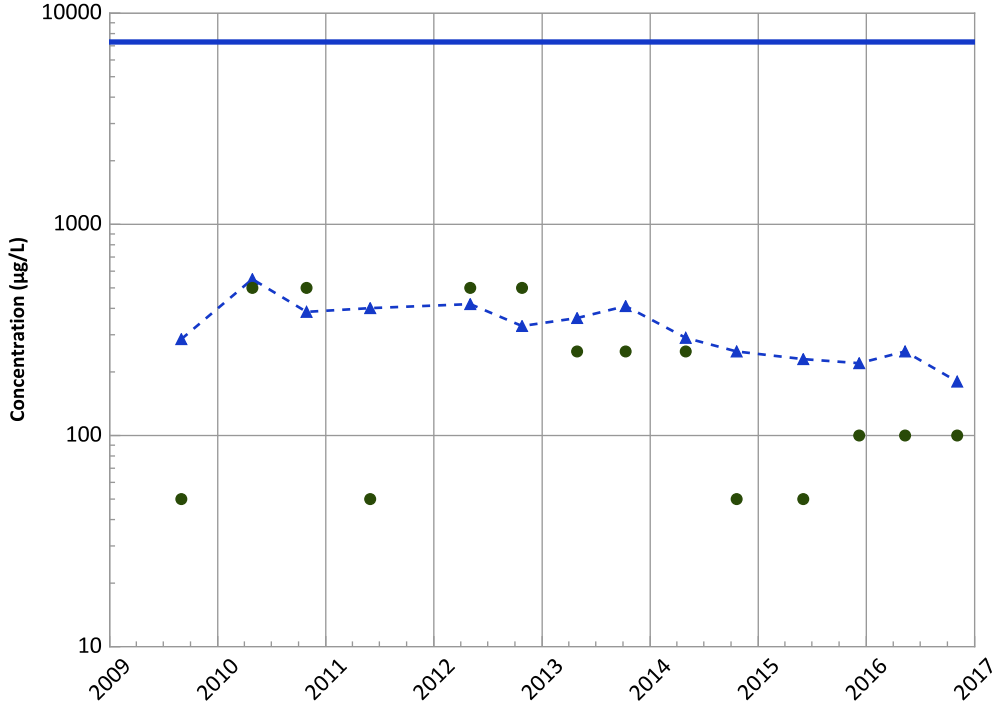


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Boron Trend



Concentration Trend

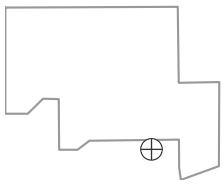
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/31/2009 to 11/03/2016
Analysis Date: 03/07/2017

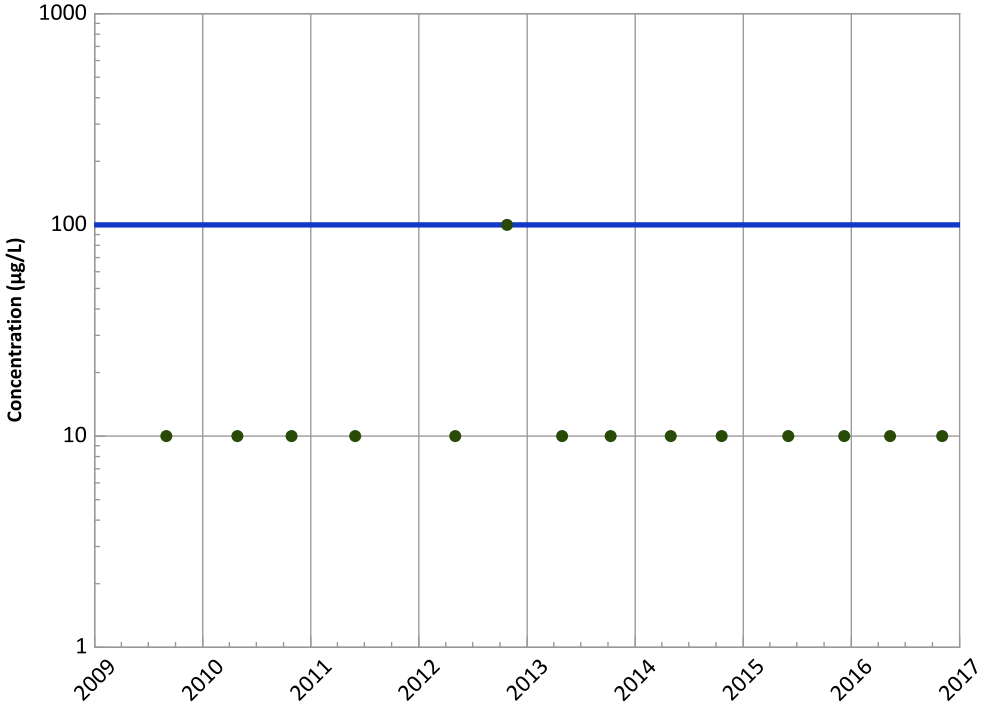
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

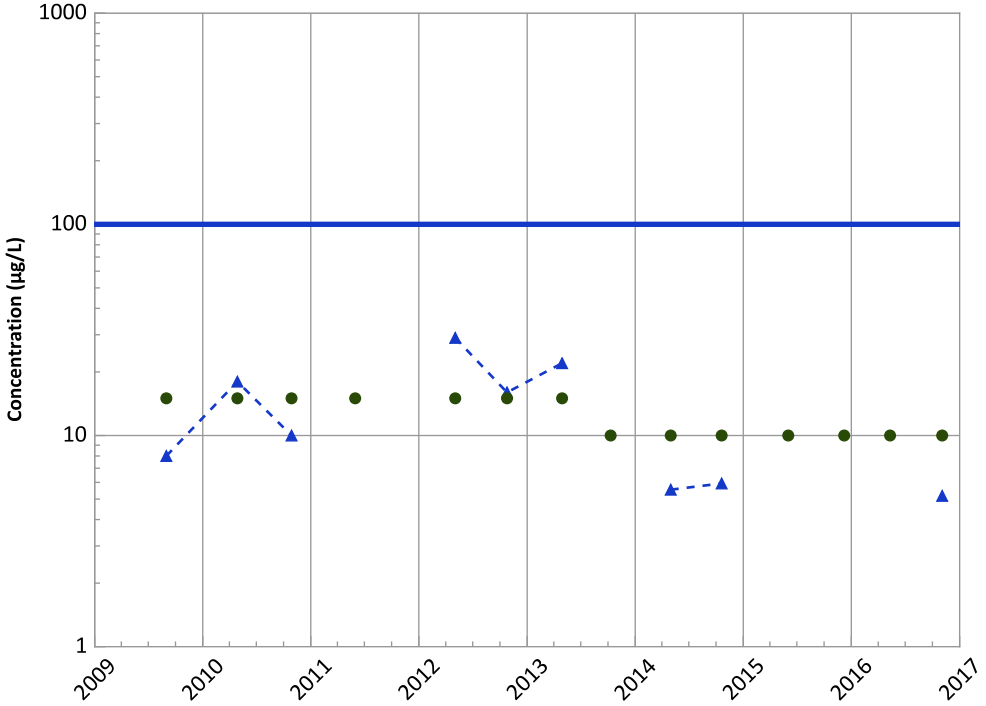


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Chromium, Hexavalent Trend

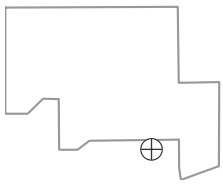


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
Stable

Well Location

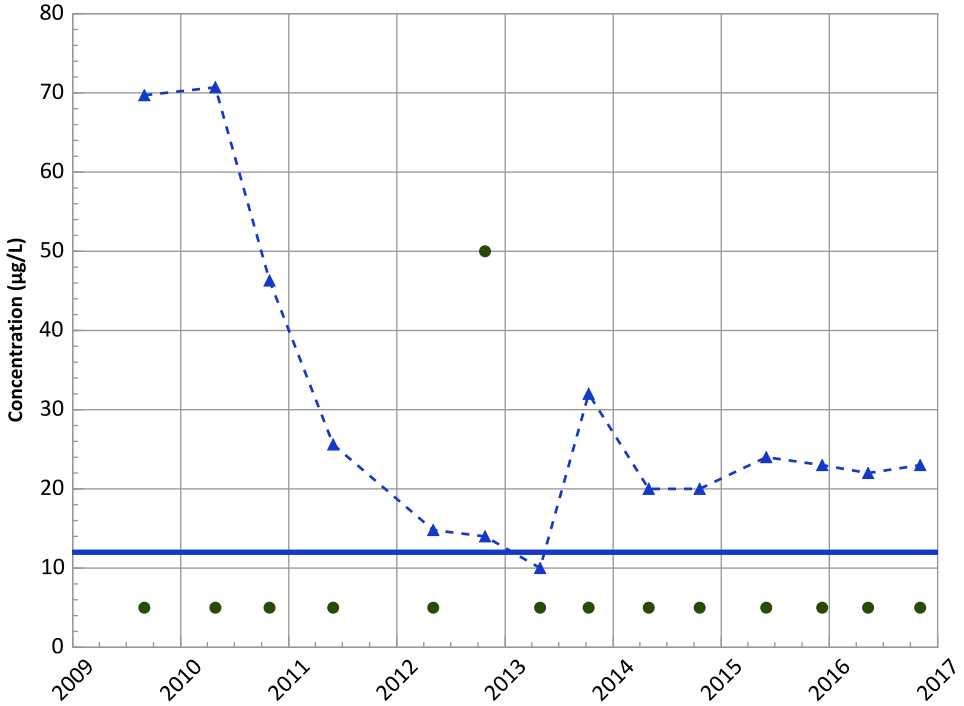


Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/31/2009 to 11/03/2016
Analysis Date: 03/07/2017

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

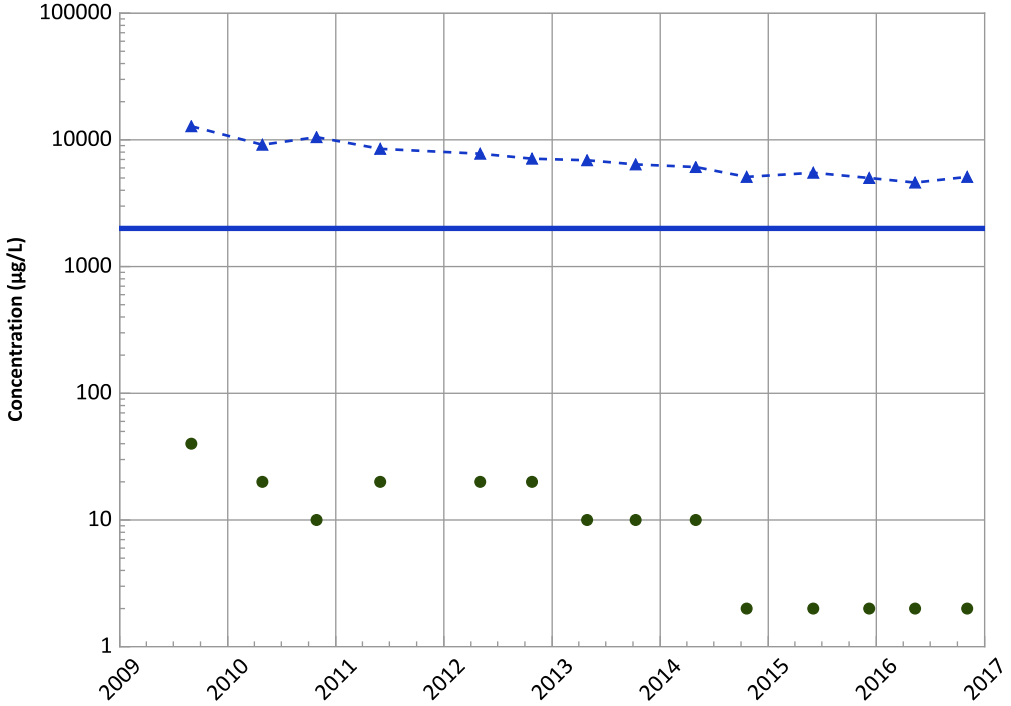


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Stable

Barium Trend



Concentration Trend

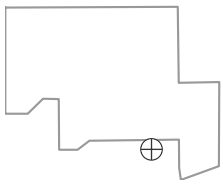
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/31/2009 to 11/03/2016
Analysis Date: 03/07/2017

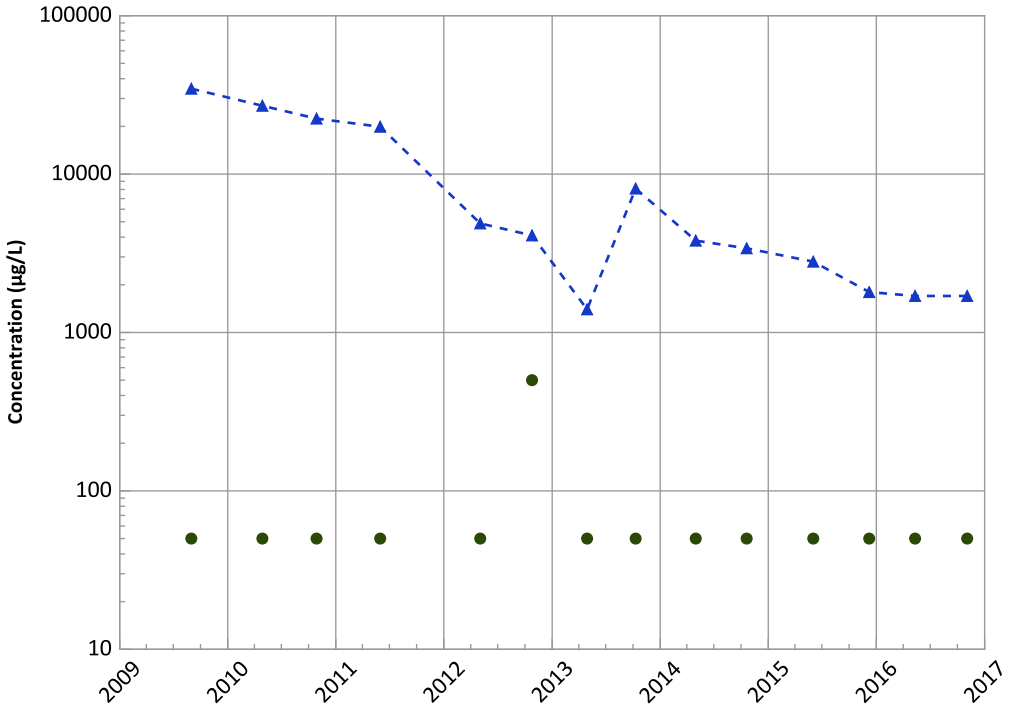
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

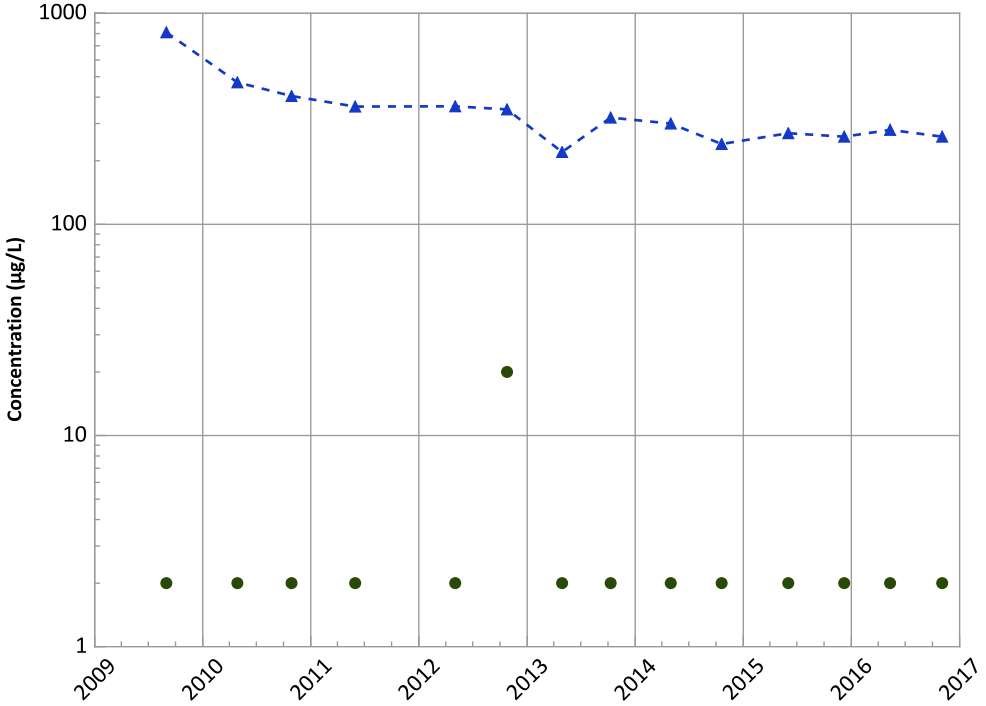


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Probably Decreasing

Manganese Trend

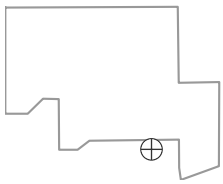


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Stable

Well Location

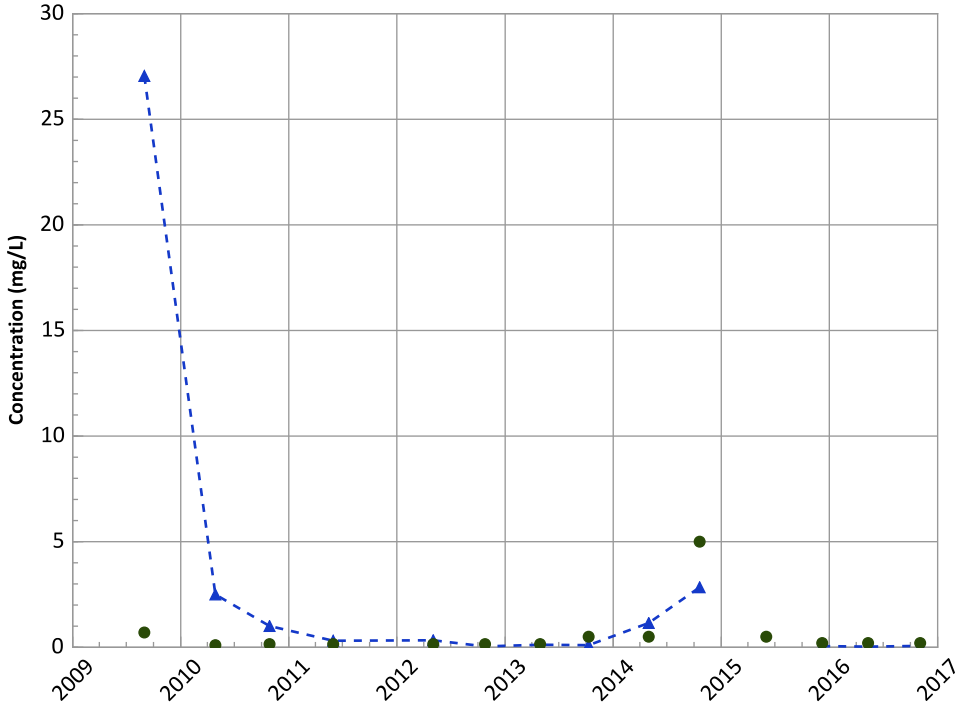


Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/31/2009 to 11/03/2016
Analysis Date: 03/07/2017

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend

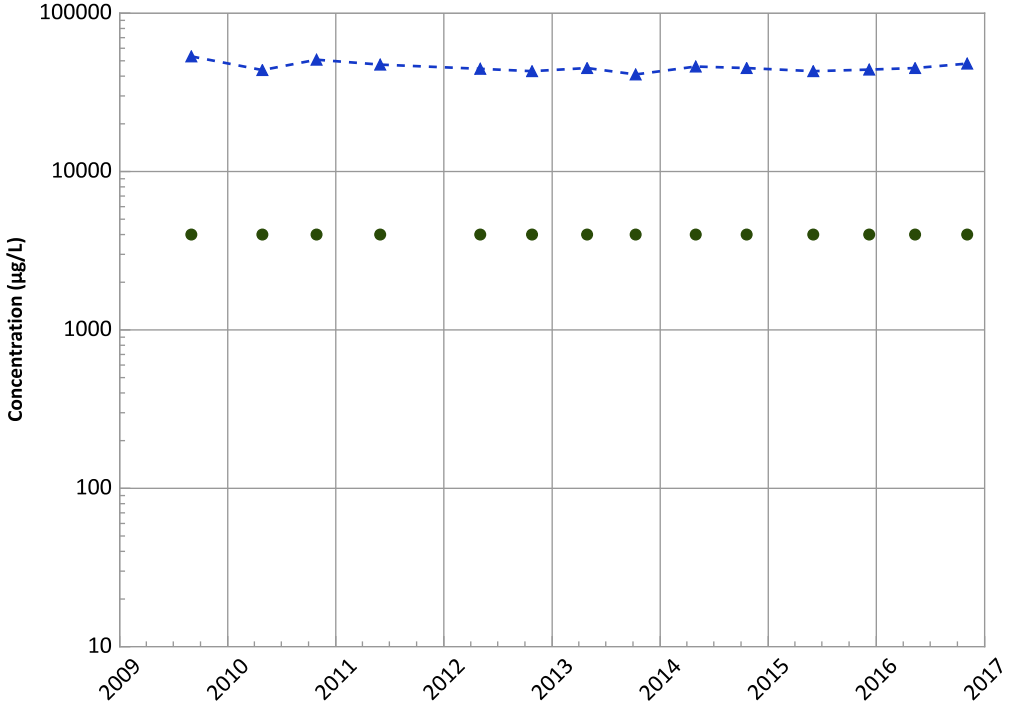


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

Chloride (as Cl) Trend



Concentration Trend

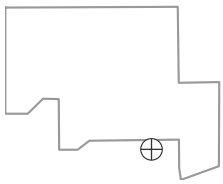
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Increasing

MAROS Linear Regression Method
All Data
Probably Decreasing
2014 - 2016 Data:
Increasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/31/2009 to 11/03/2016
Analysis Date: 03/07/2017

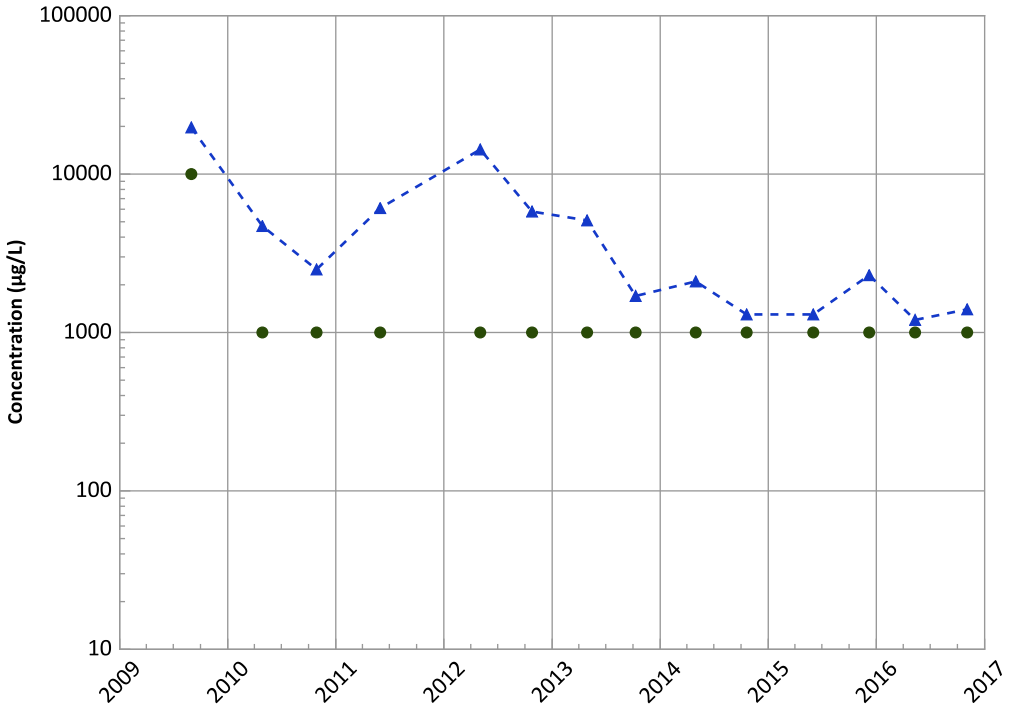
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

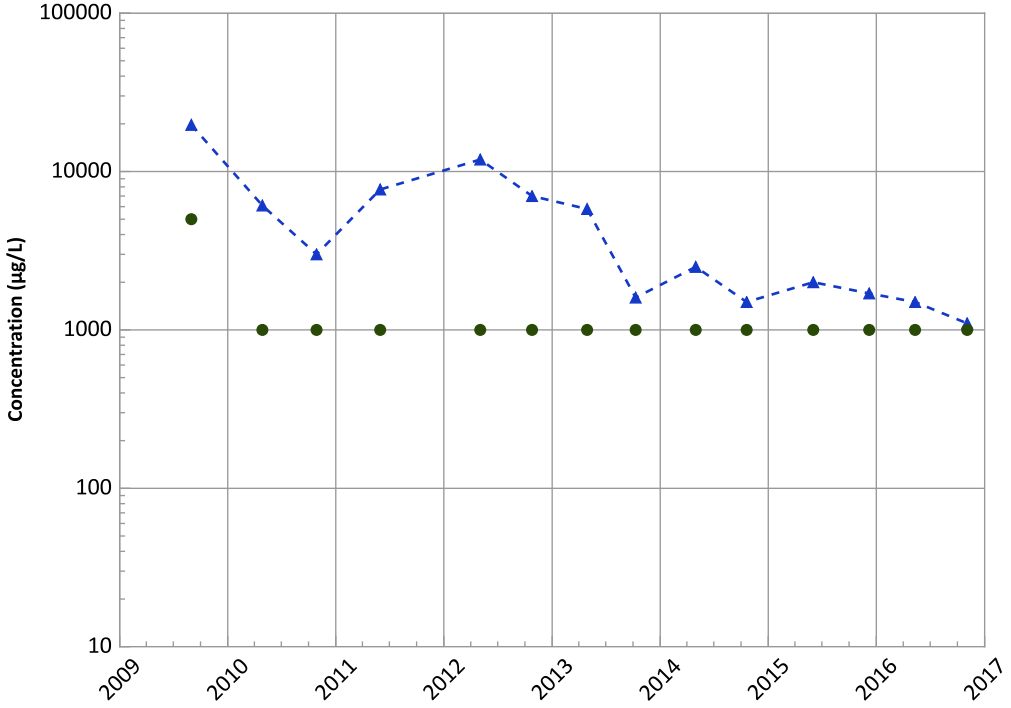


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Stable

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Stable

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

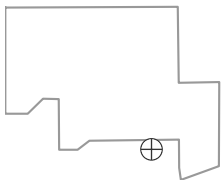
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/31/2009 to 11/03/2016
Analysis Date: 03/07/2017

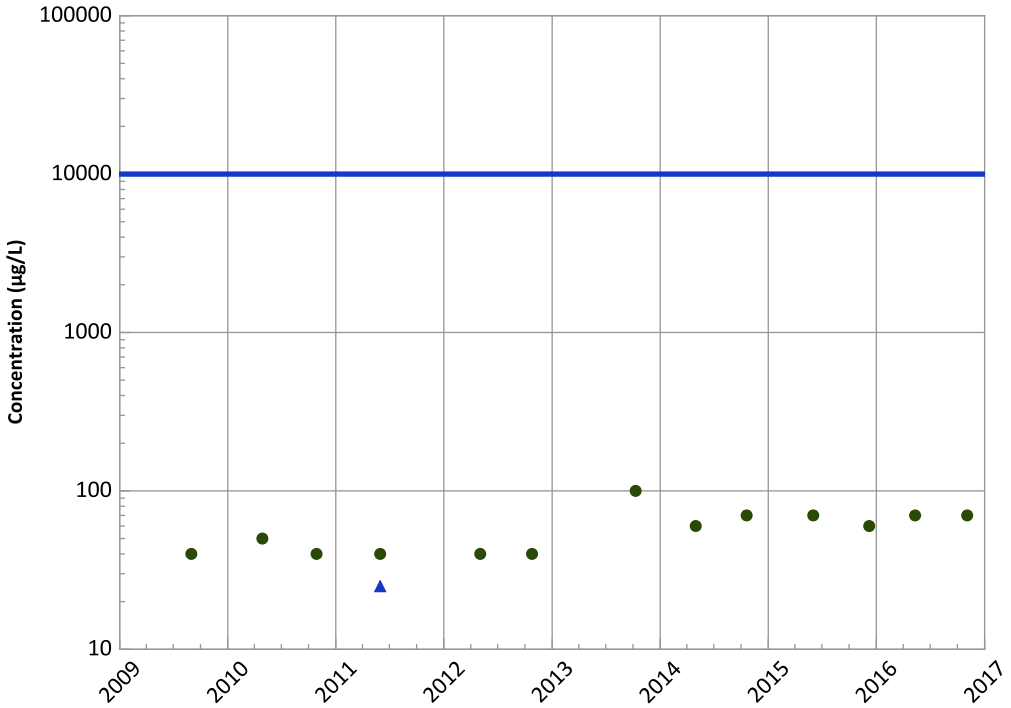
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

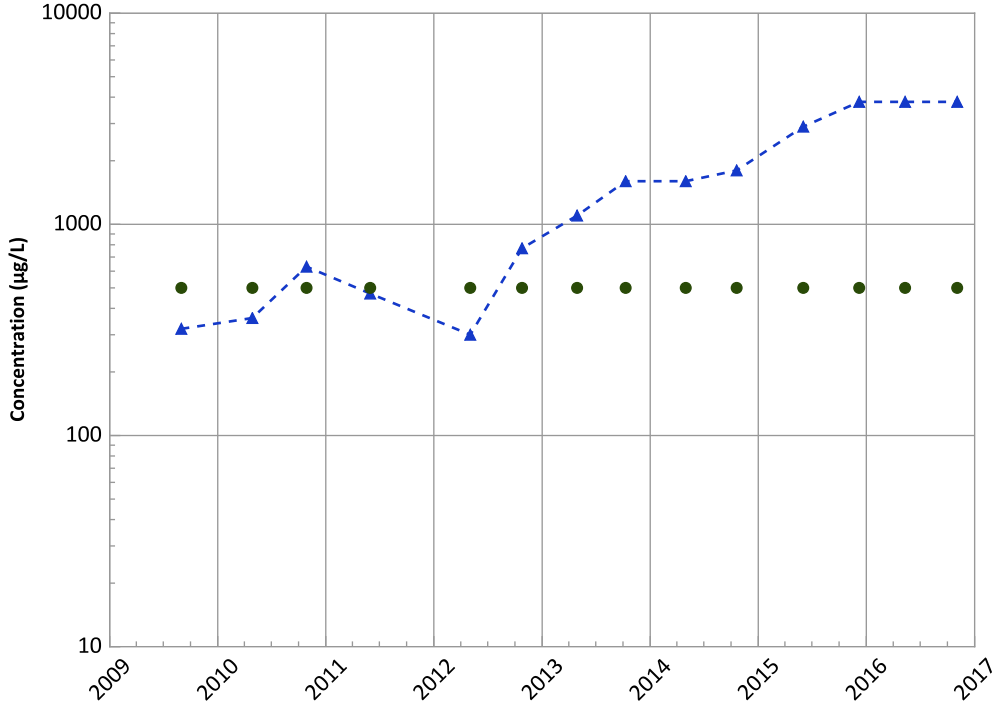


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend



Concentration Trend

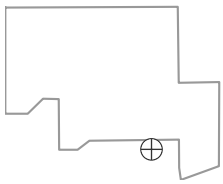
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
No Trend

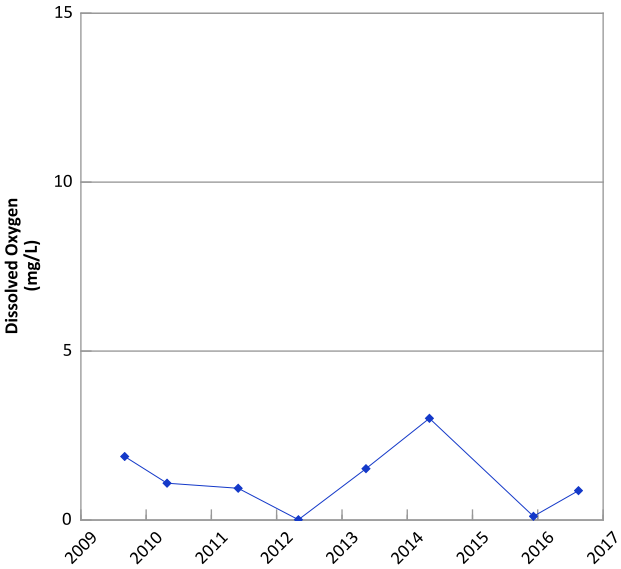
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/31/2009 to 11/03/2016
Analysis Date: 03/07/2017

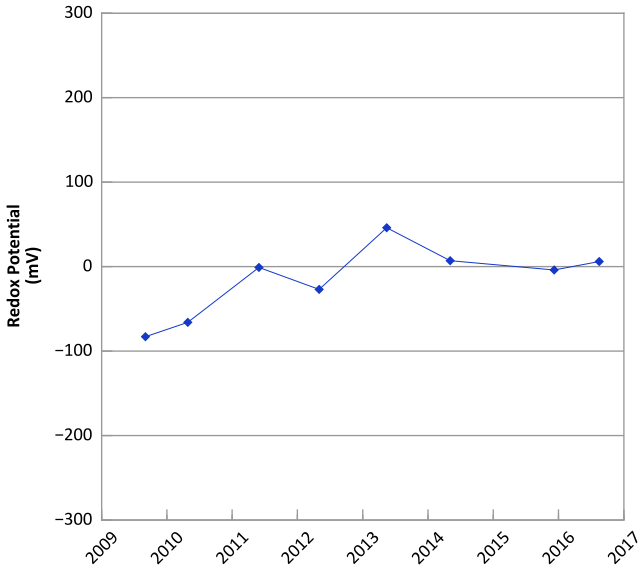
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

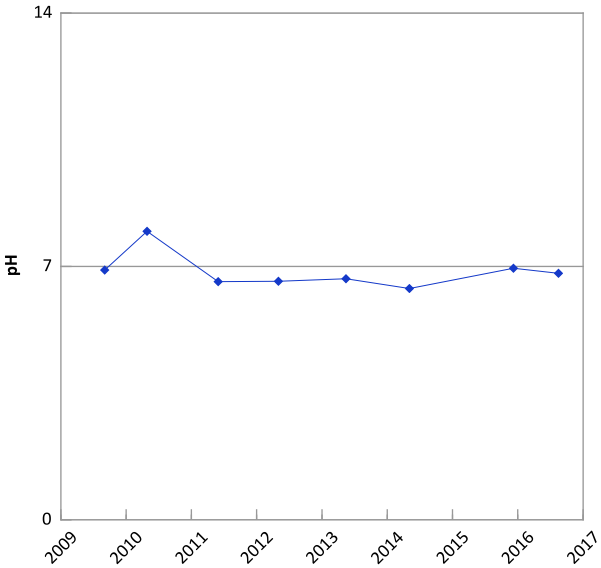
Well Location

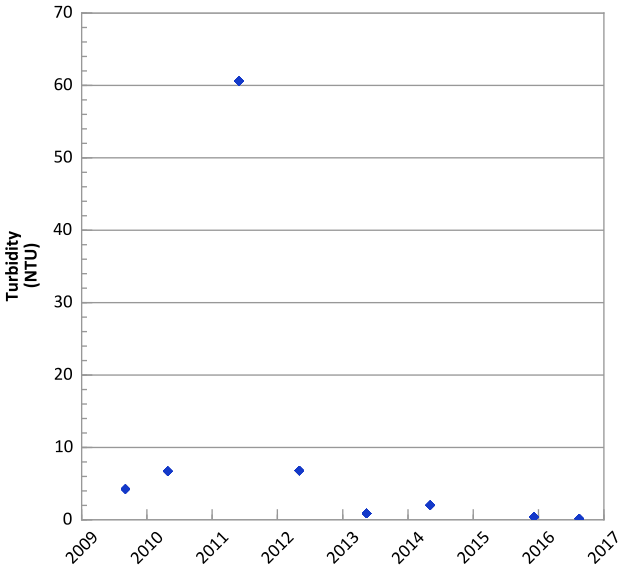


PTX06-1100 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



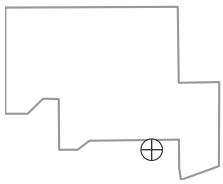






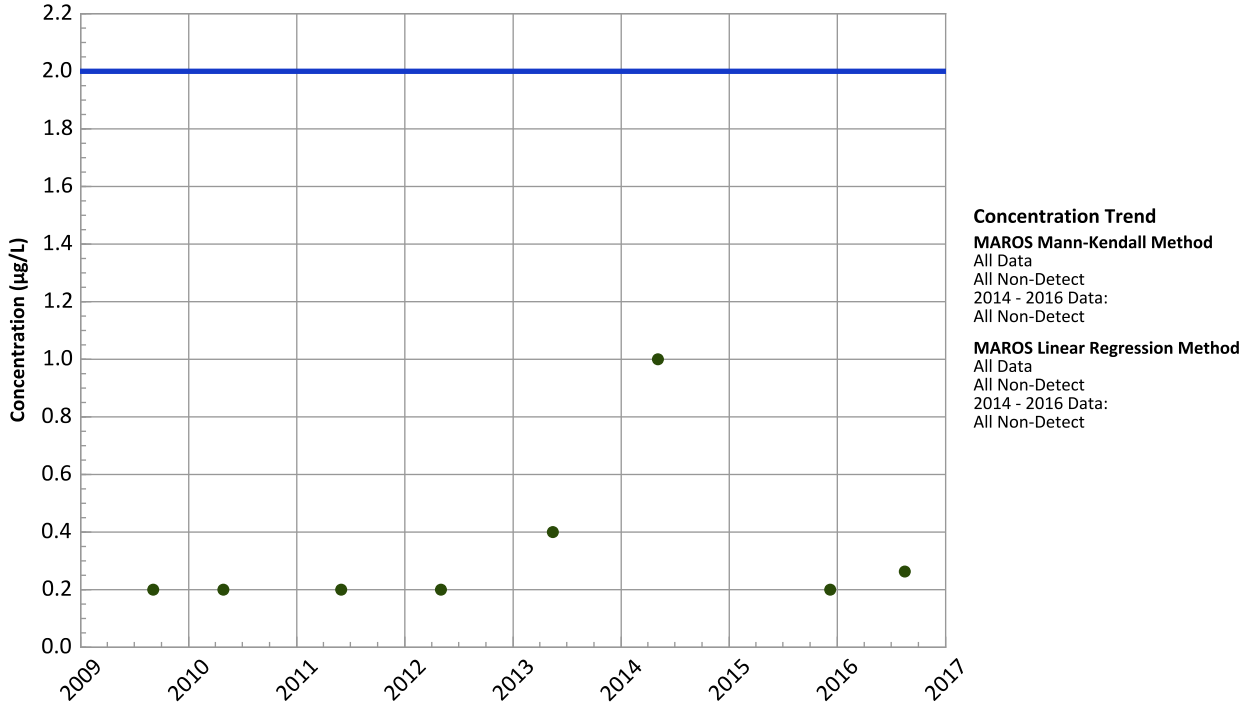
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

Well Location

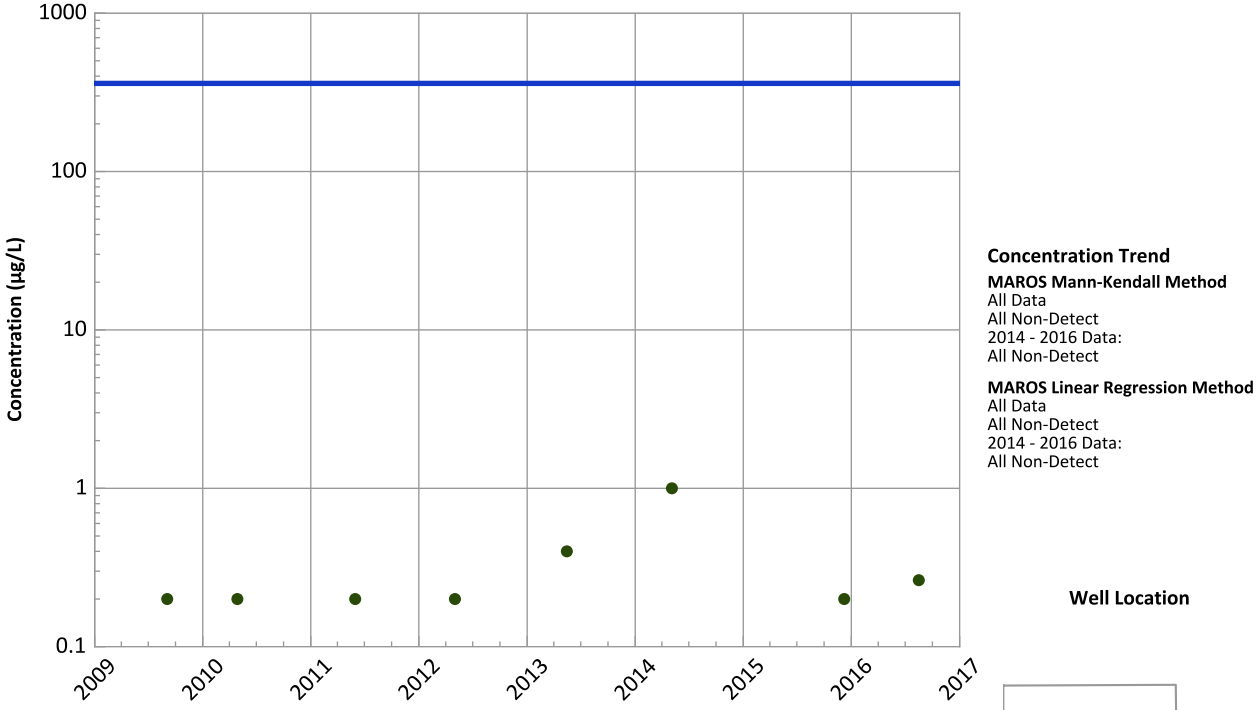


PTX06-1100 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



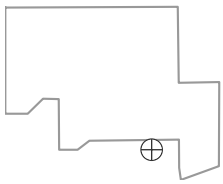
HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

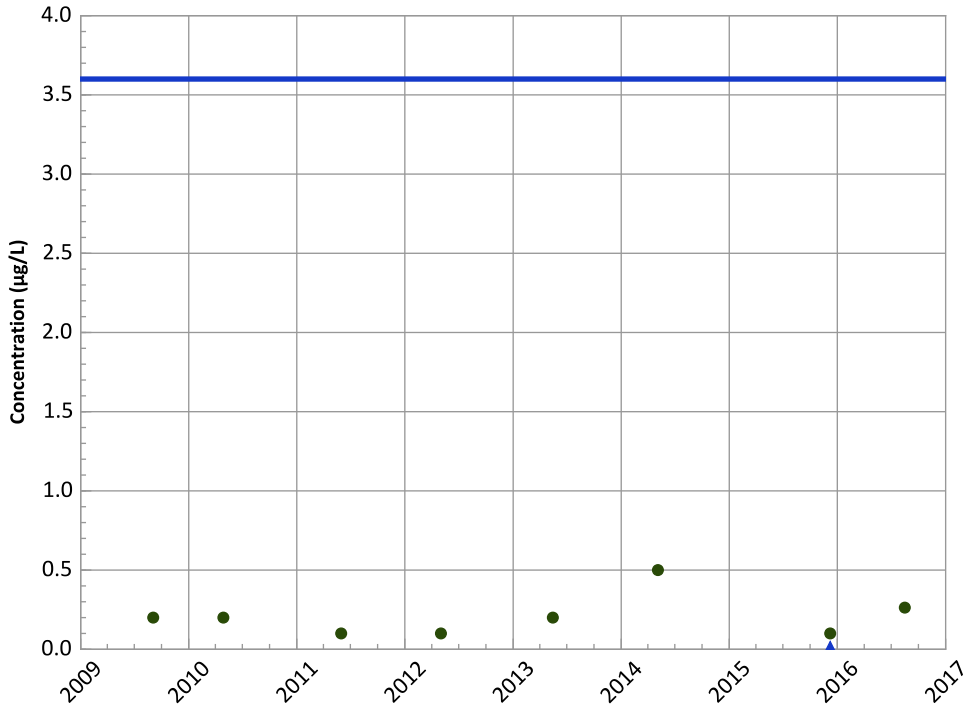
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1100 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

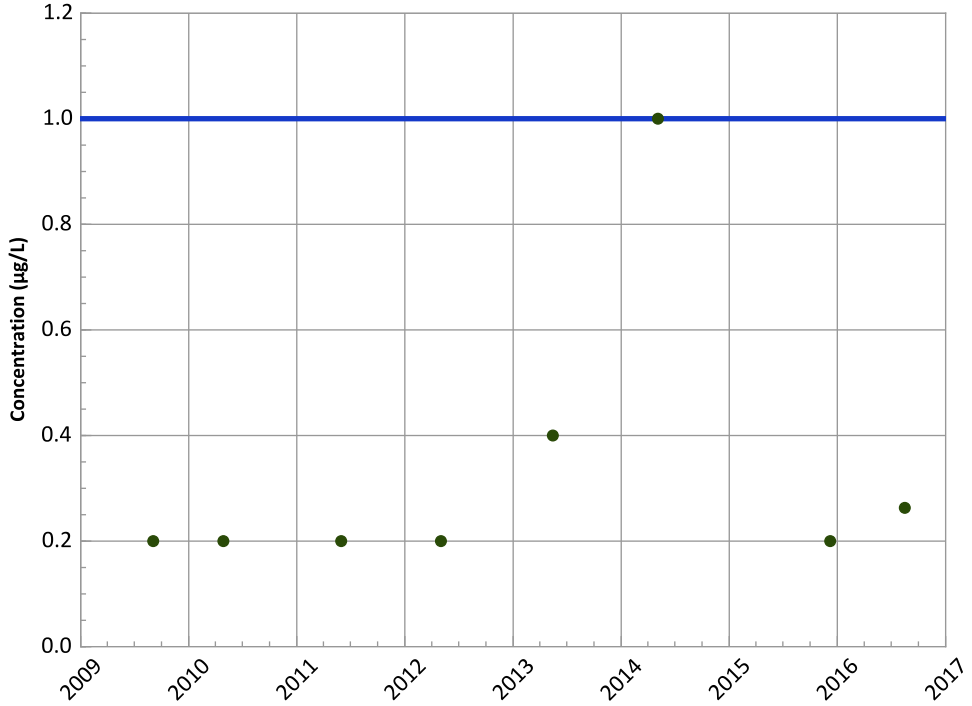


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend

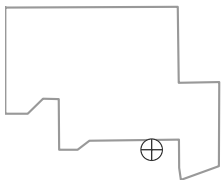


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Well Location

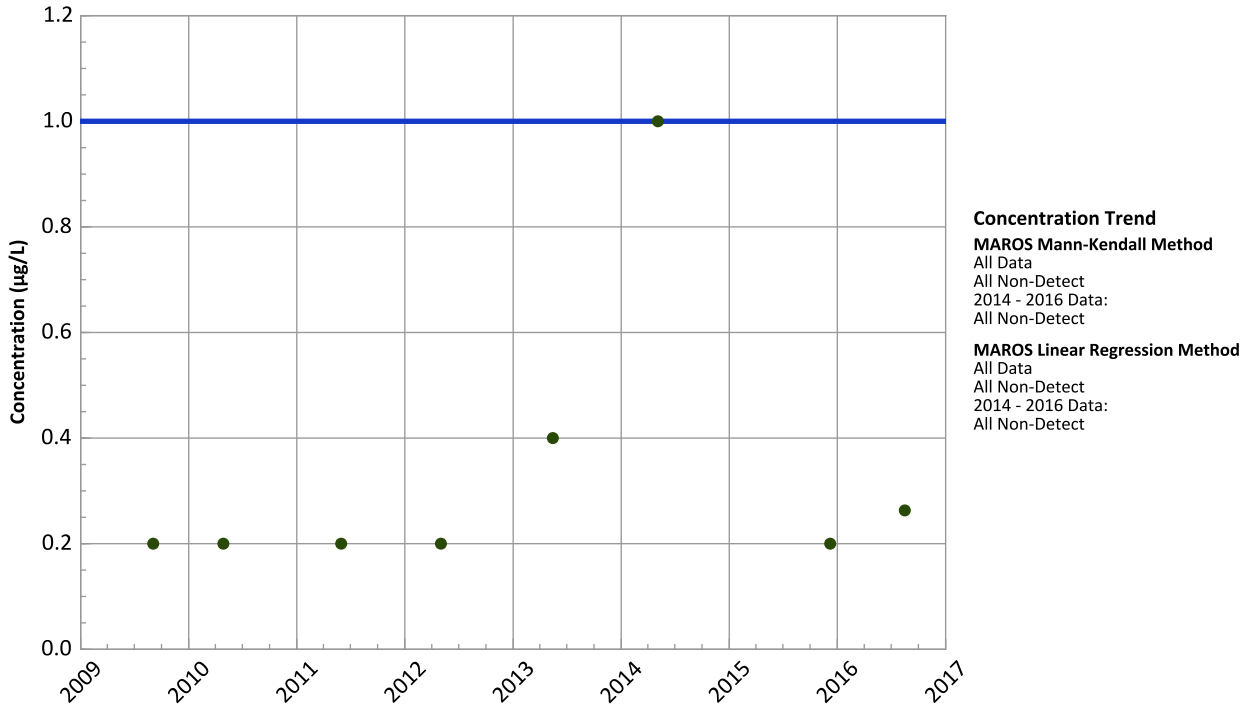


Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

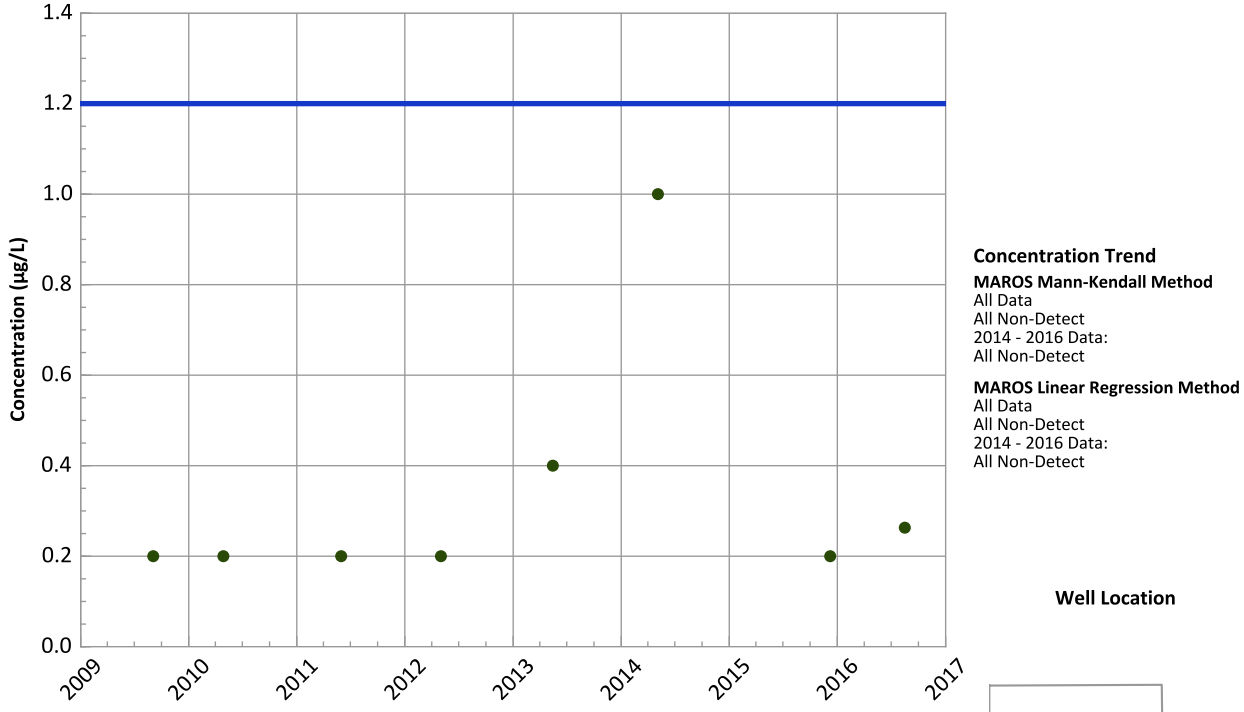
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1100 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



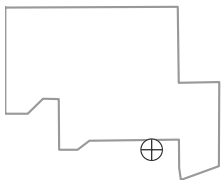
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

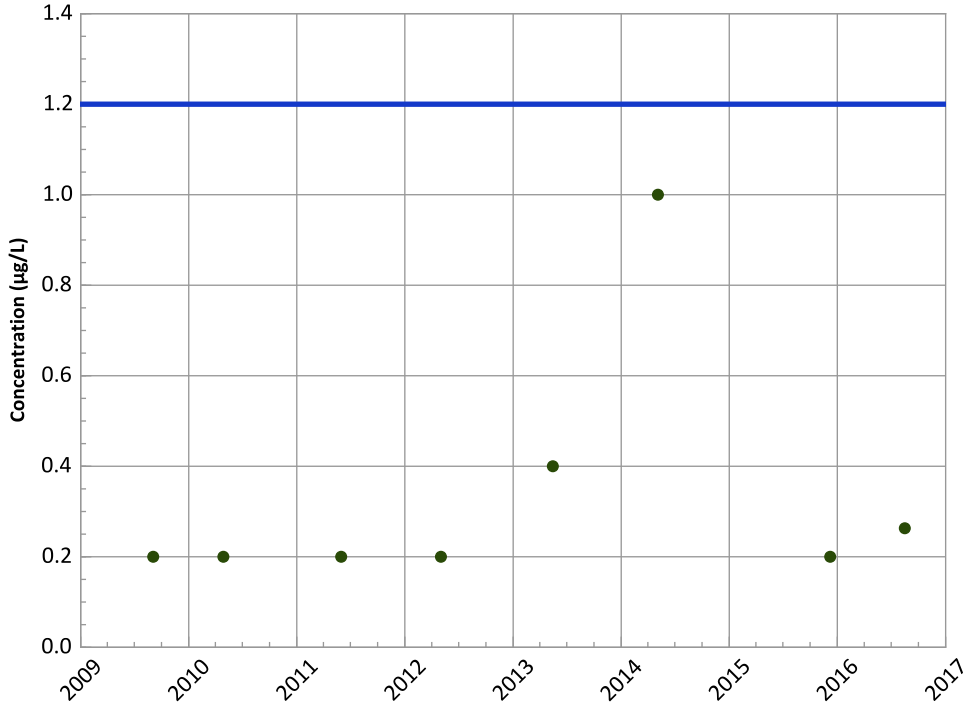
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1100 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

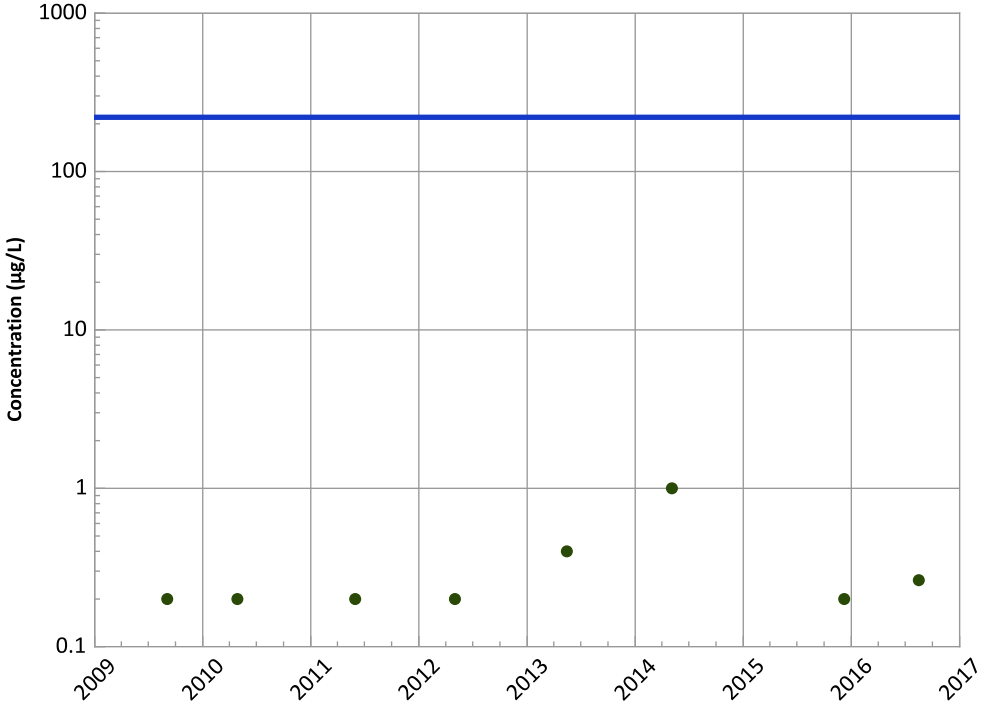


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend

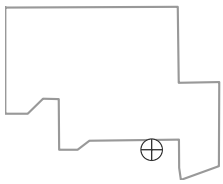


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Well Location

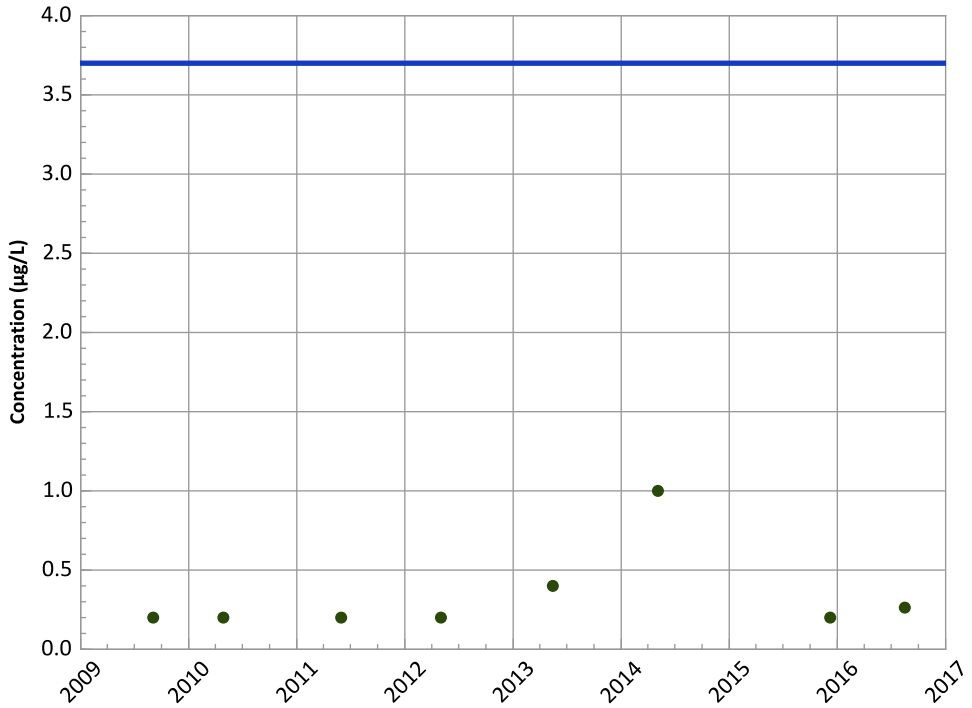


Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1100 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

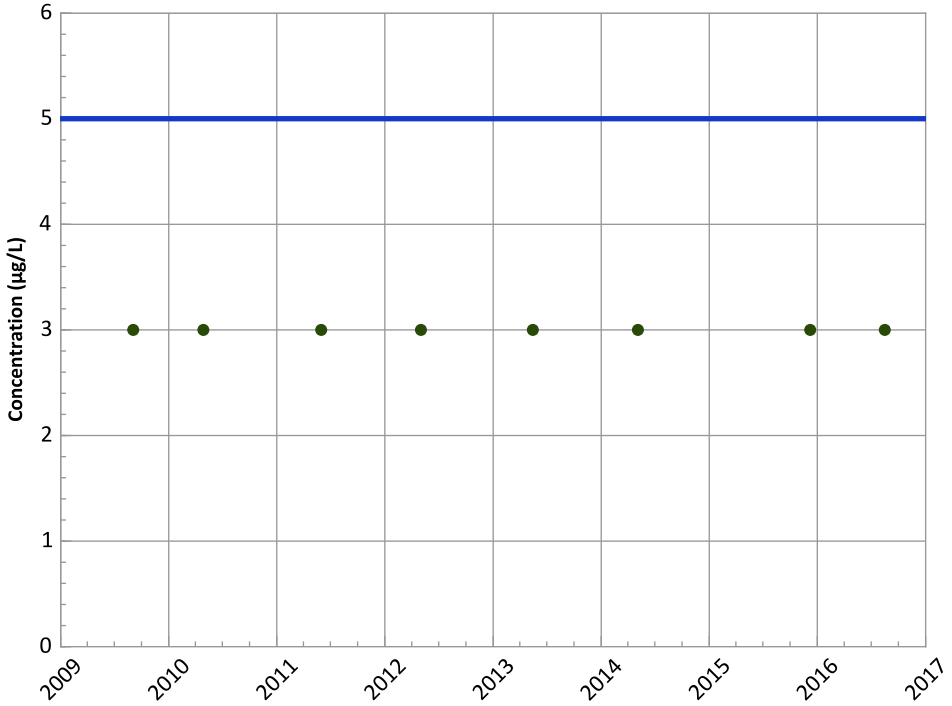


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

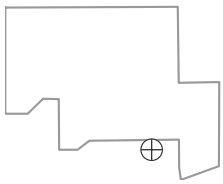
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

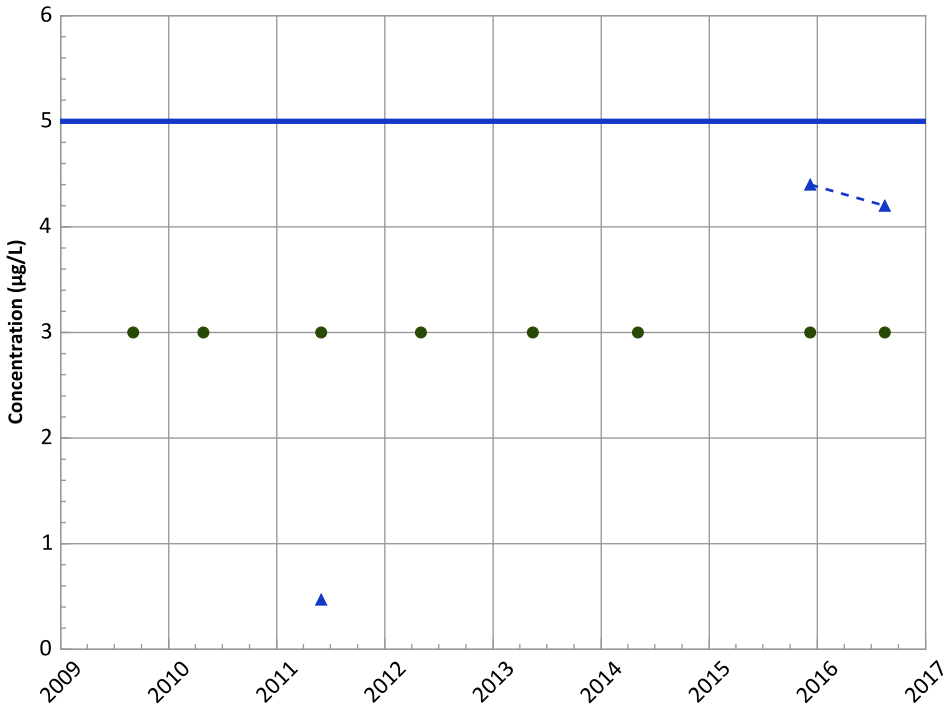
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1100 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

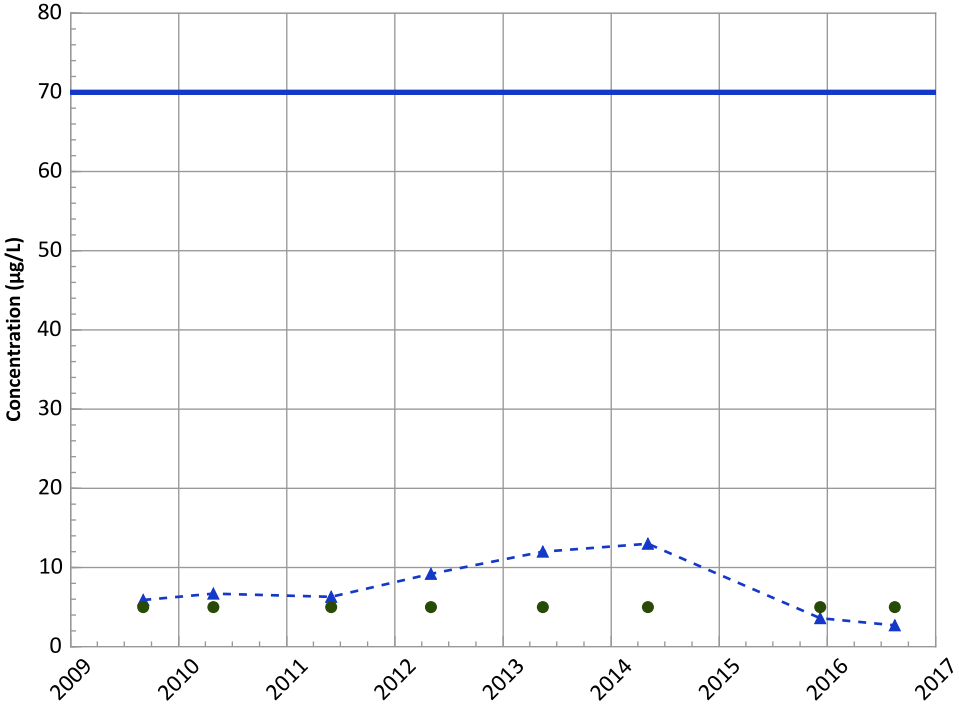


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend

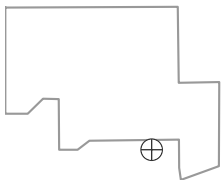


Concentration Trend

MAROS Mann-Kendall Method
All Data
Stable
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
Decreasing

Well Location

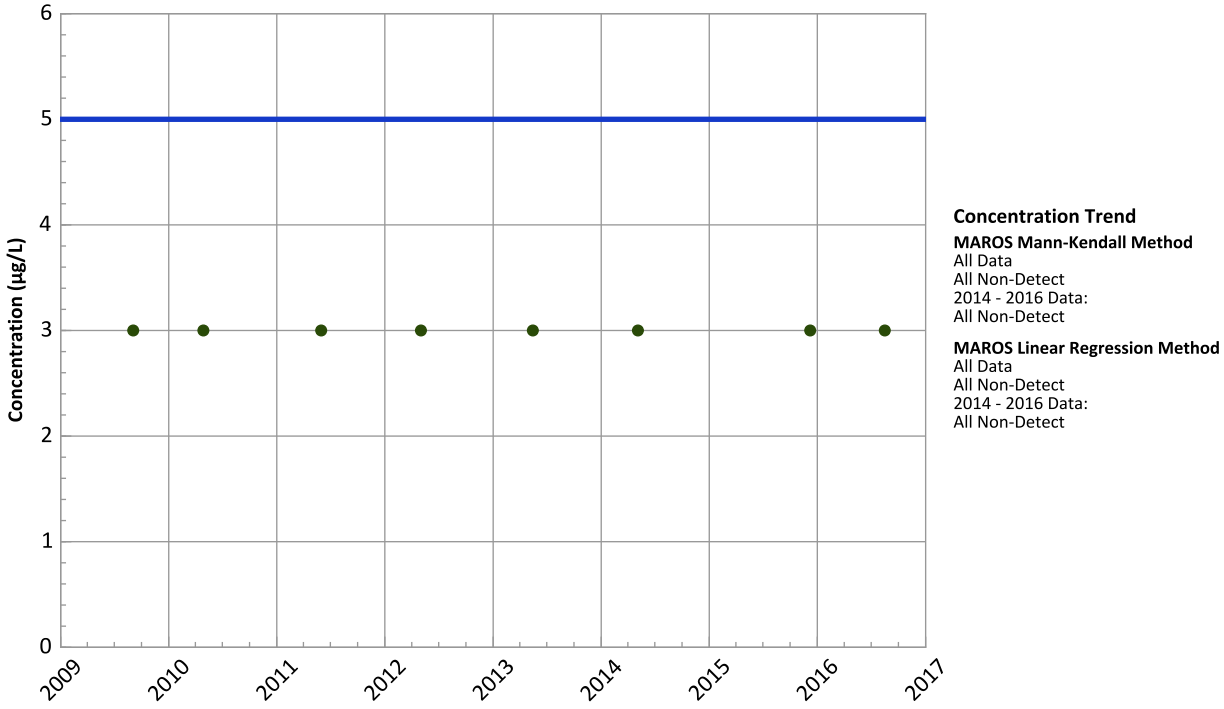


Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

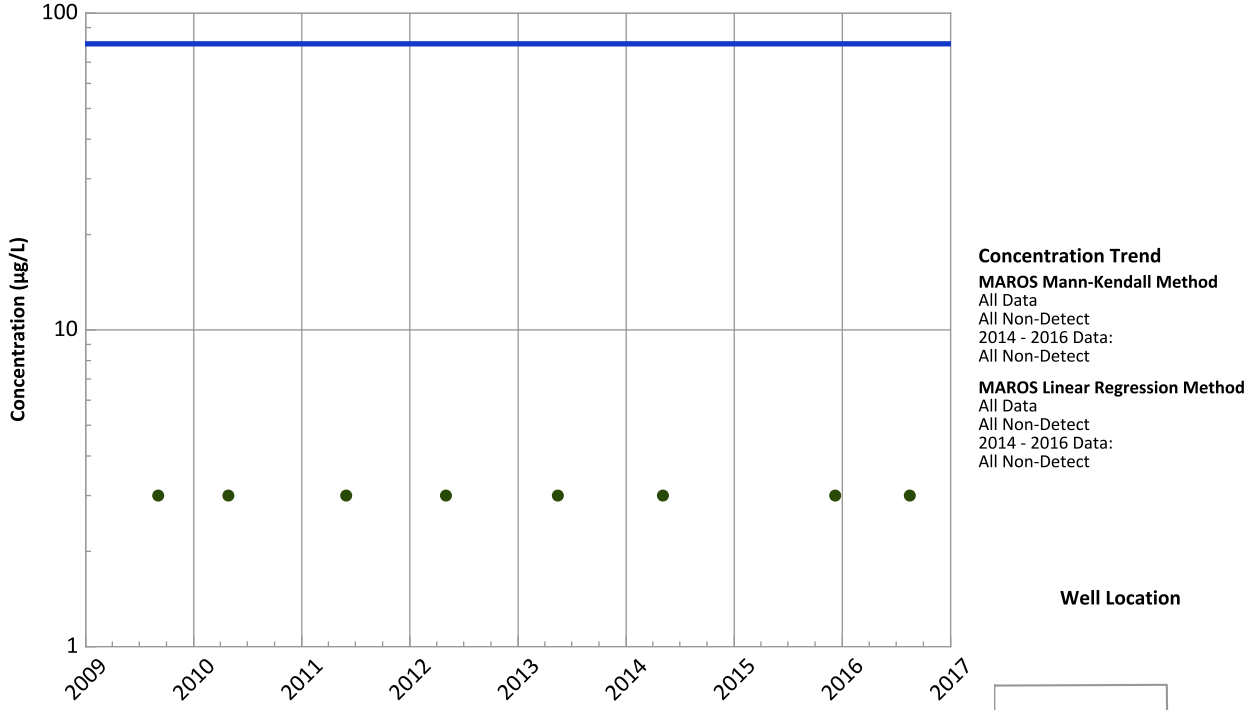
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1100 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend



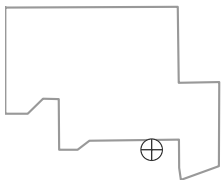
Chloroform Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

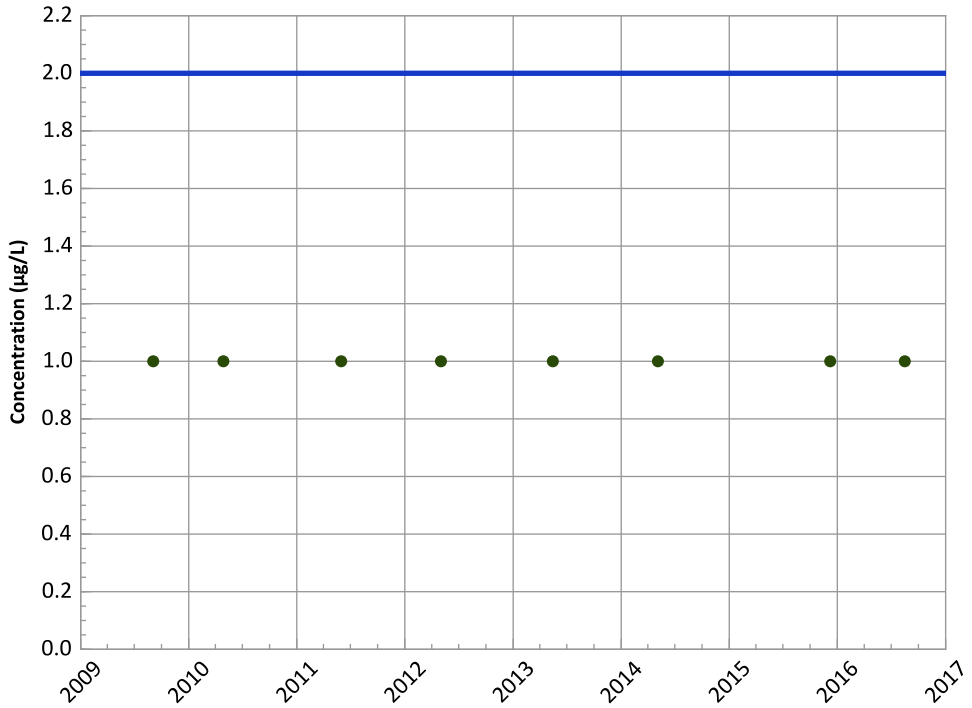
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1100 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

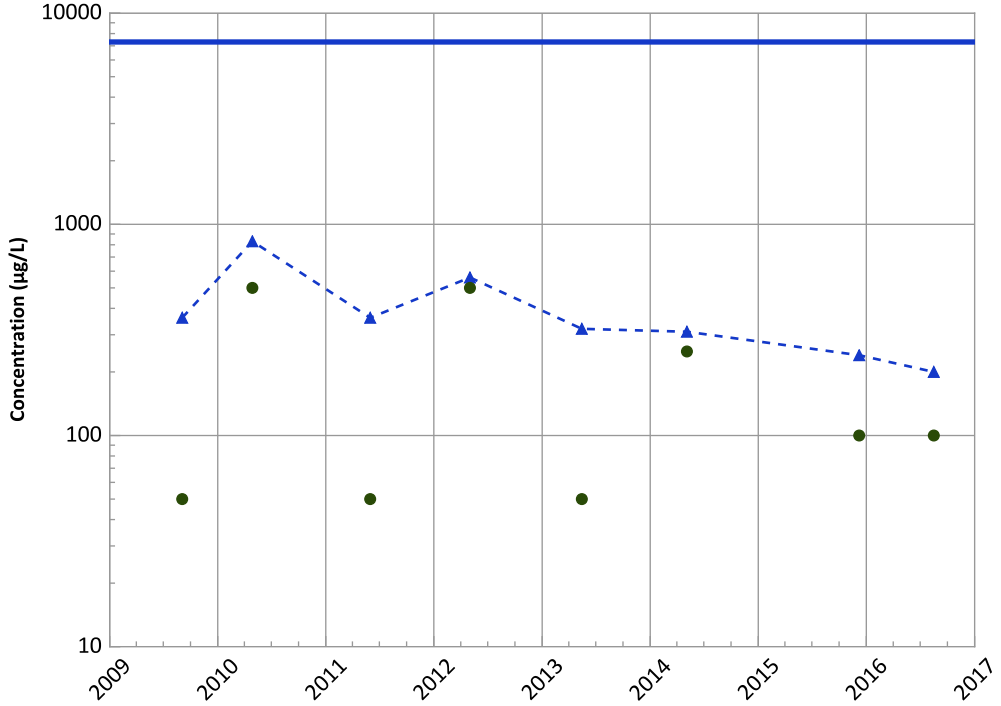


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Boron Trend



Concentration Trend

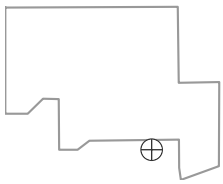
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

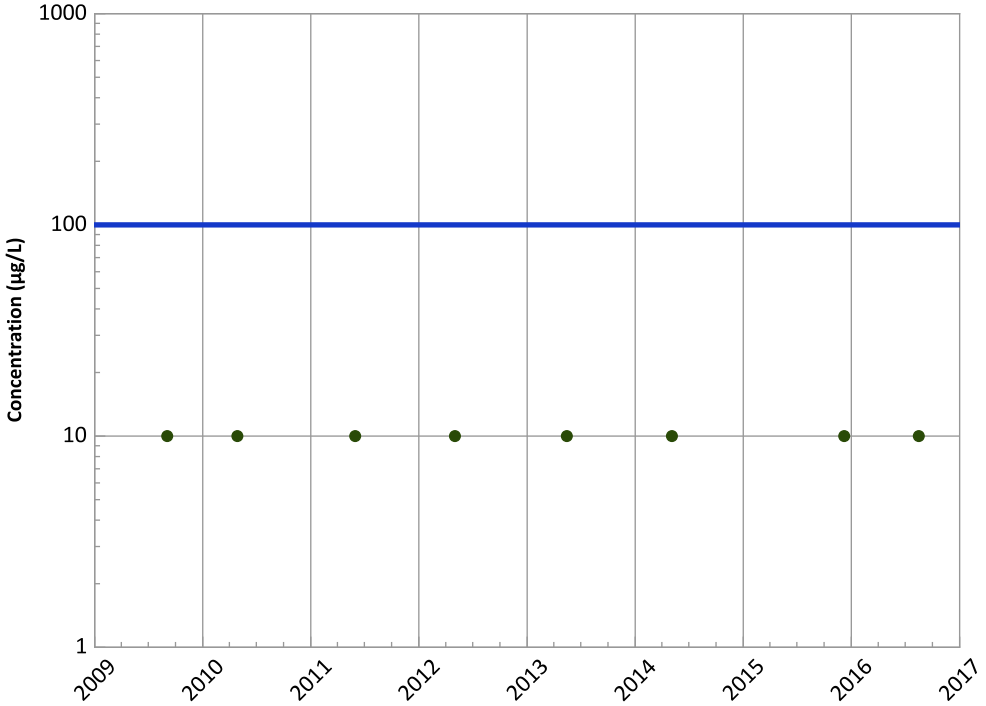
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1100 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

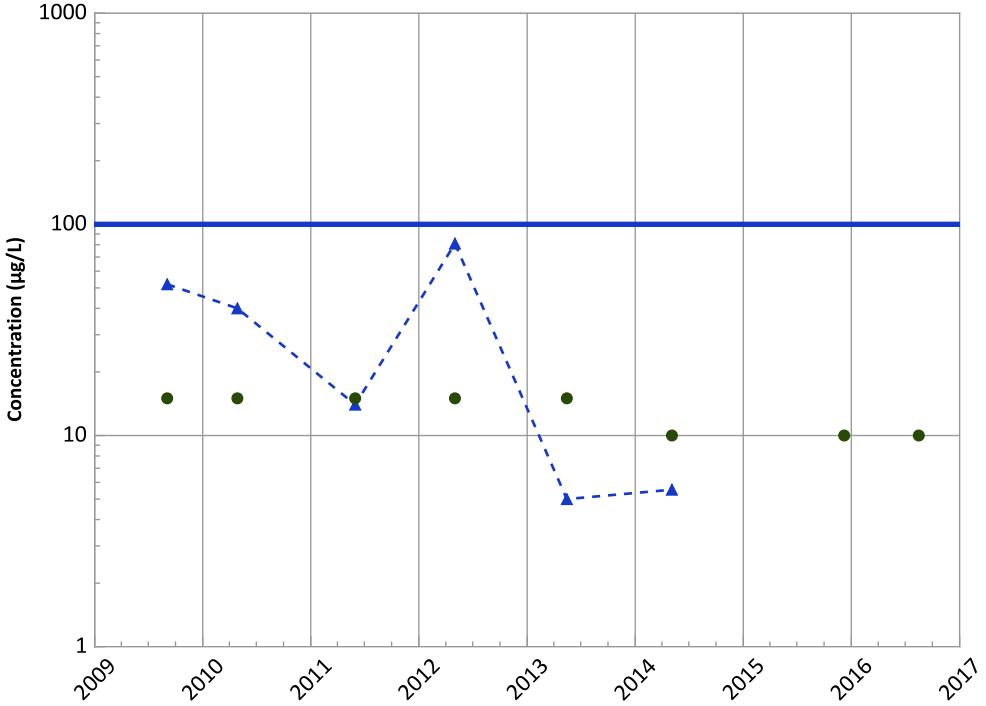


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Chromium, Hexavalent Trend

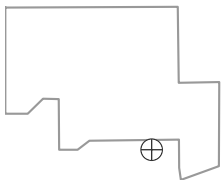


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
Probably Decreasing
2014 - 2016 Data:
No Trend

Well Location

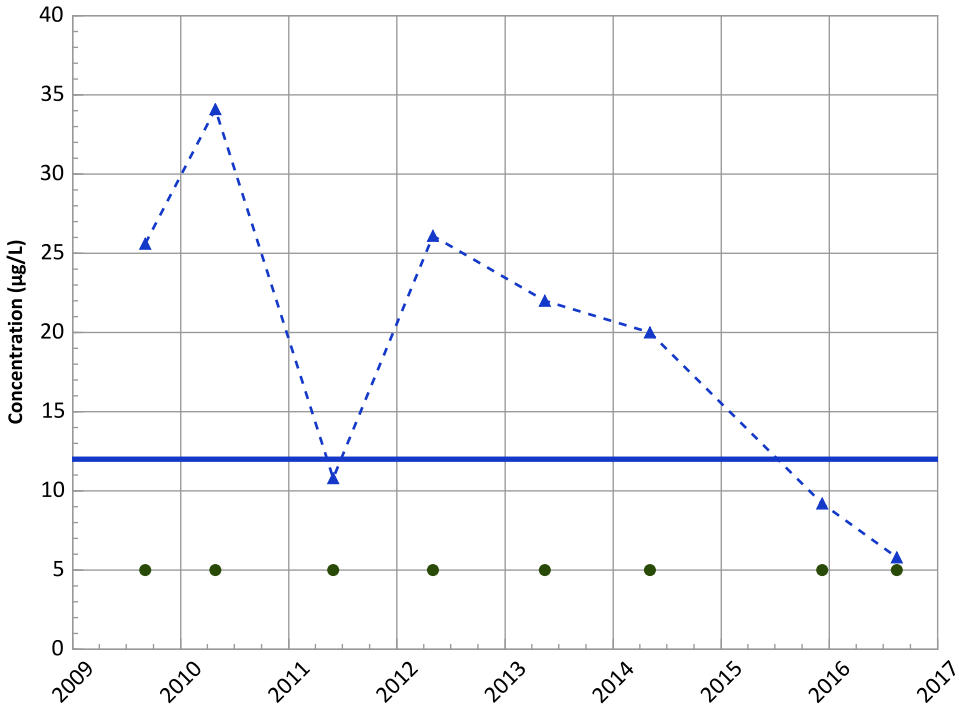


Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1100 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

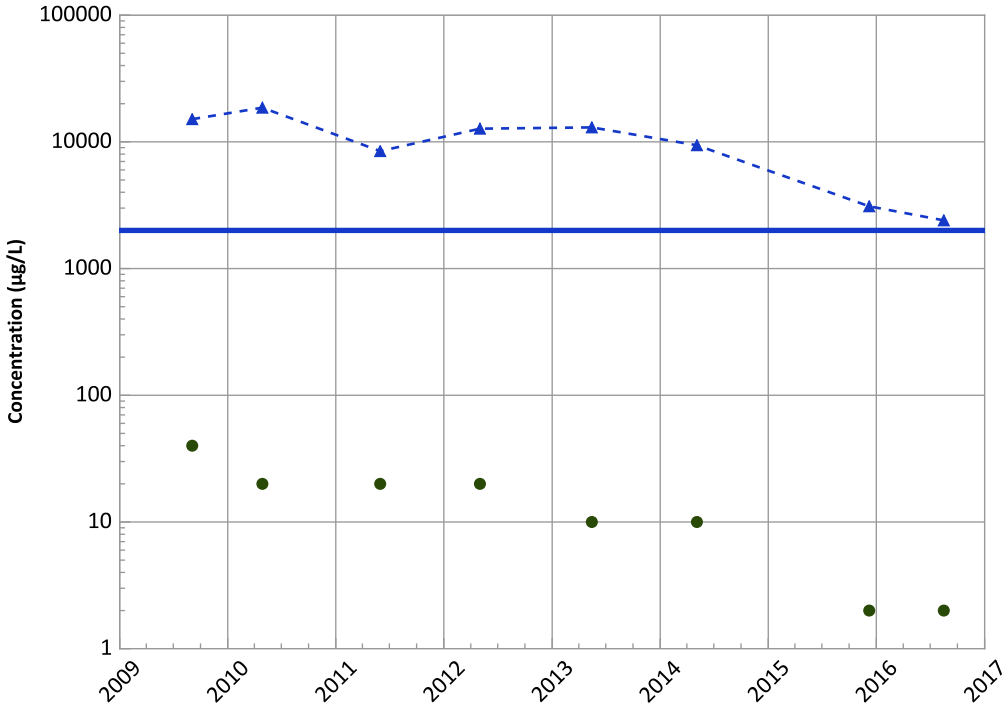


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

Barium Trend



Concentration Trend

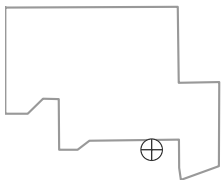
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

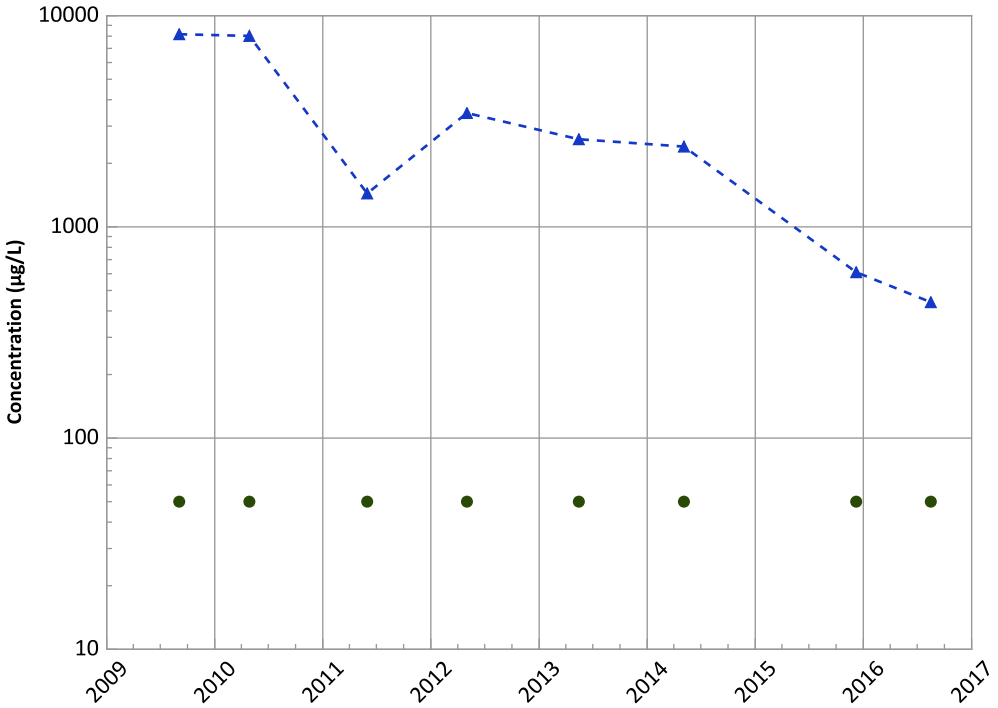
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1100 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

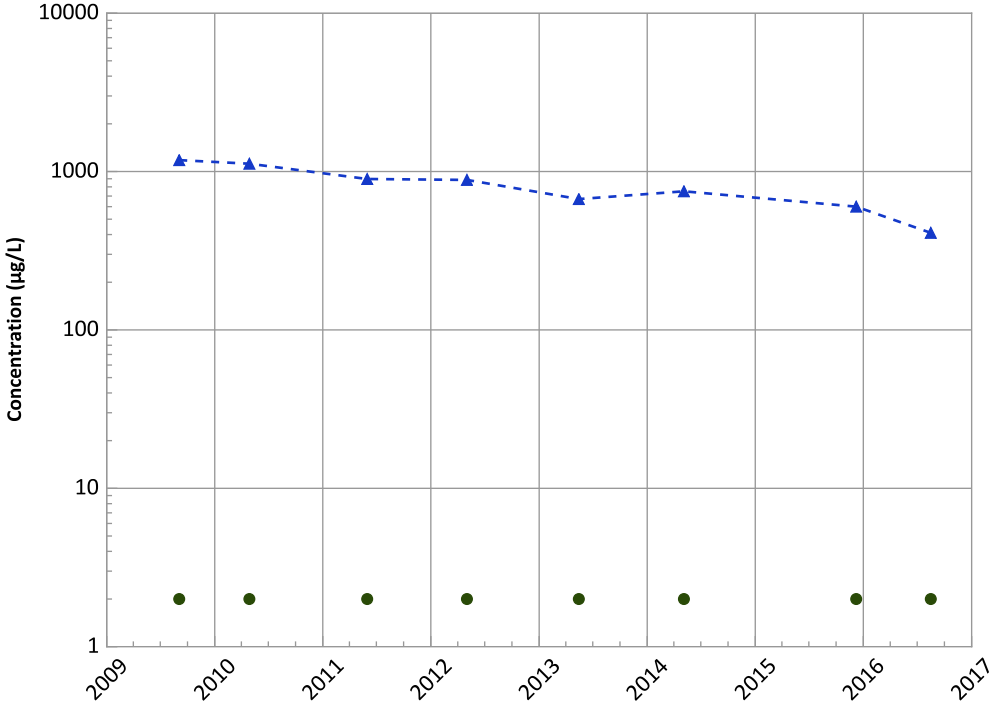


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

Manganese Trend

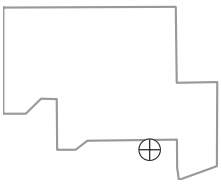


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Probably Decreasing

Well Location

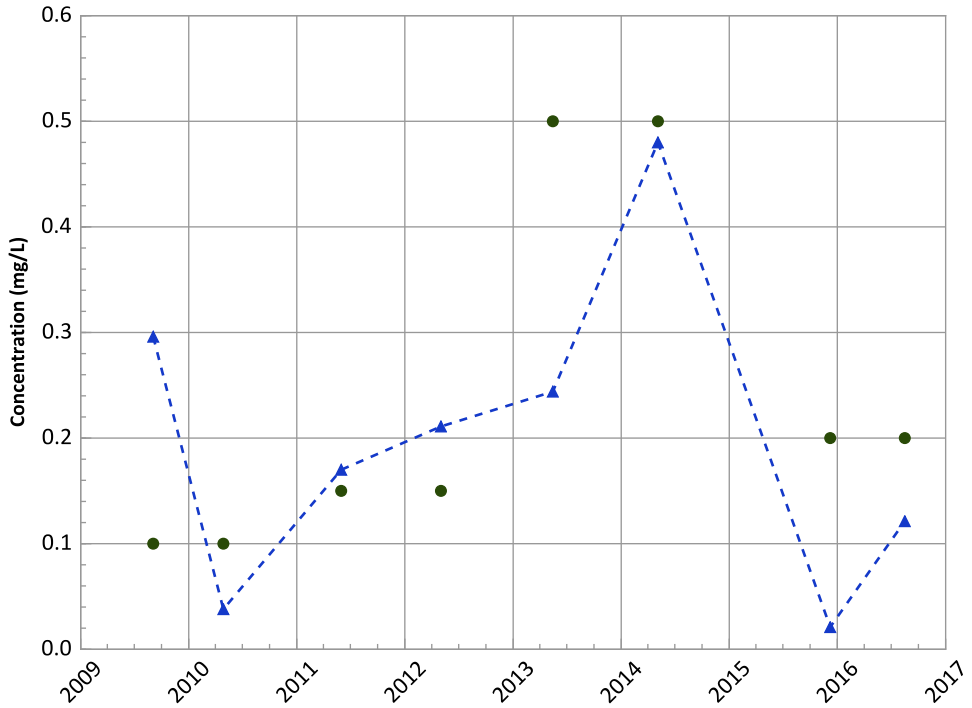


Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1100 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend

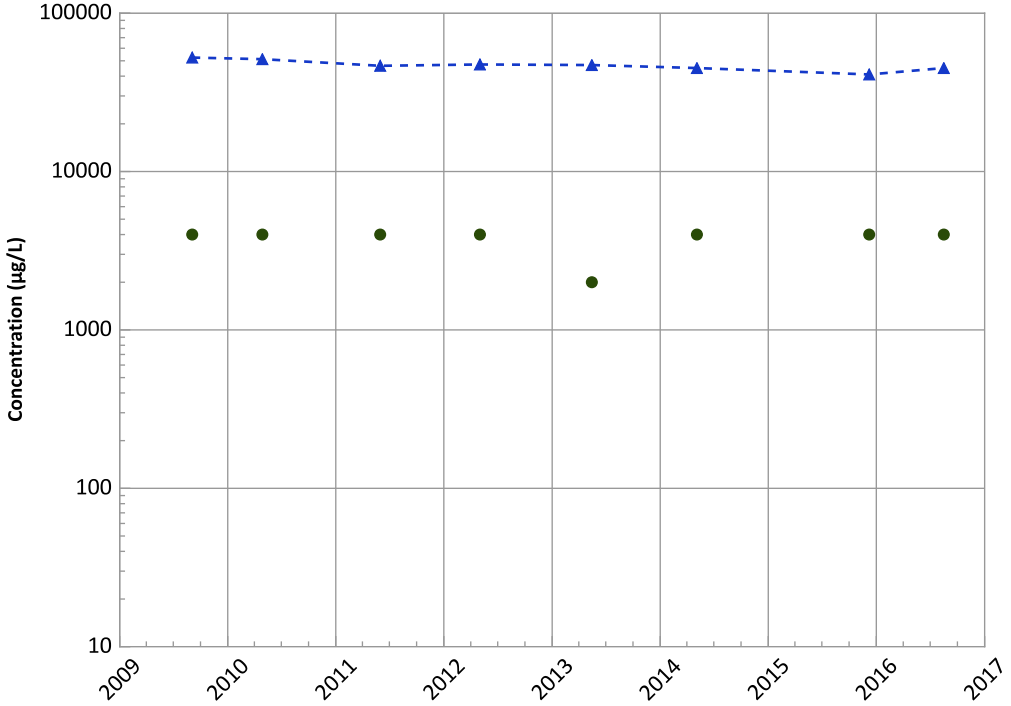


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
Stable

Chloride (as Cl) Trend



Concentration Trend

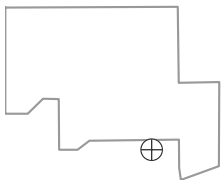
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

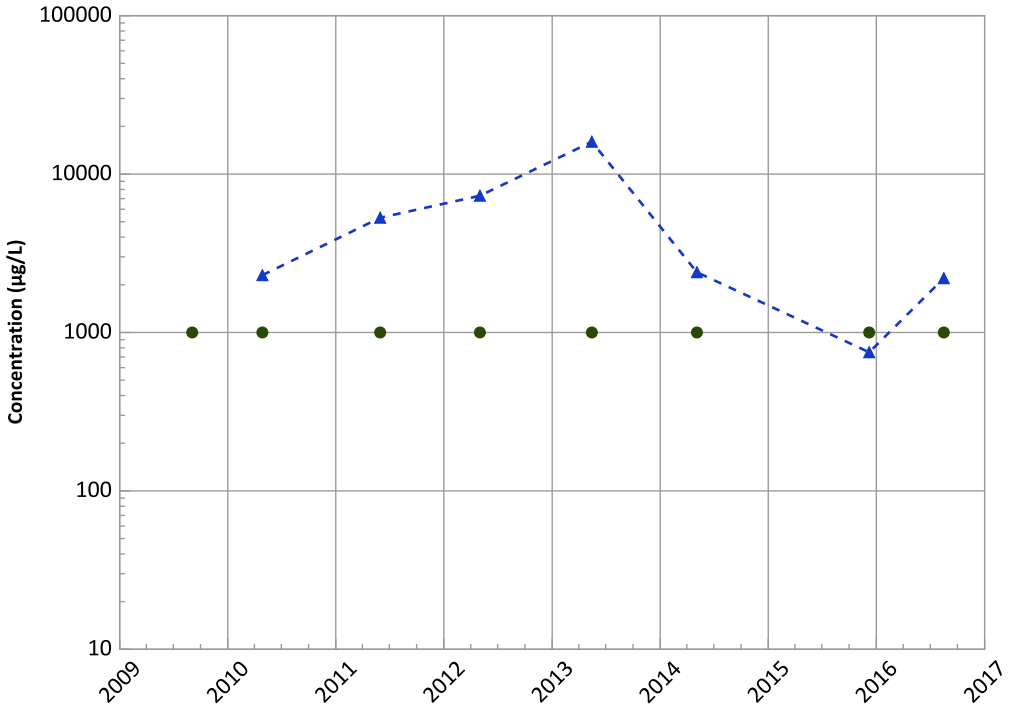
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1100 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

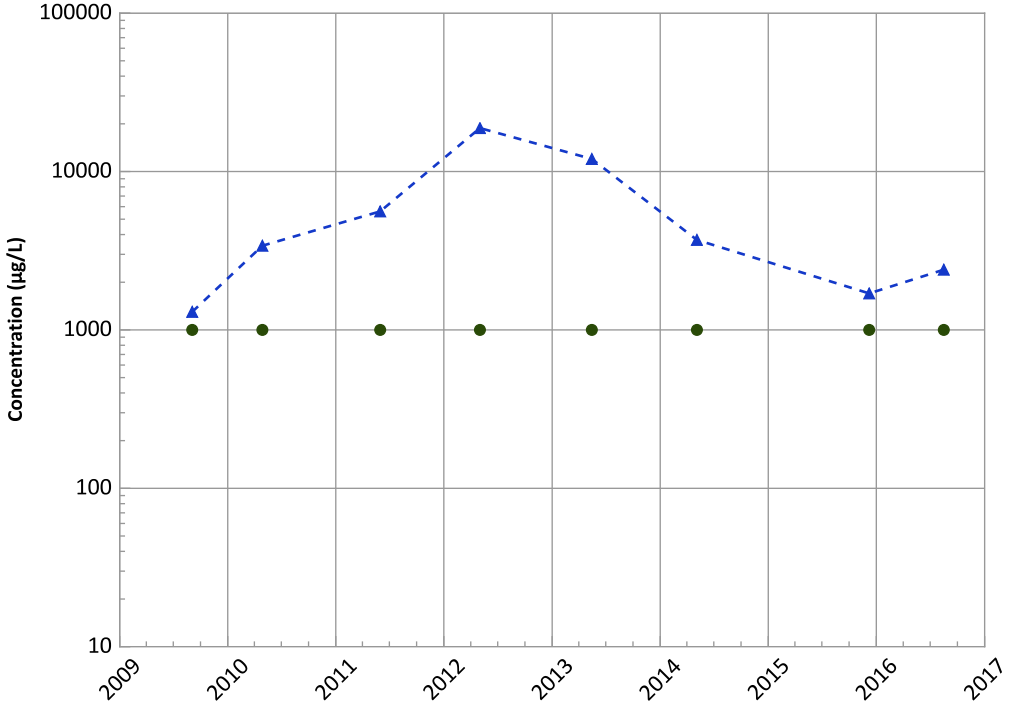


Concentration Trend

MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
No Trend

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

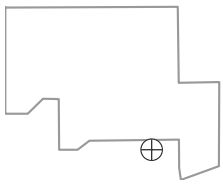
MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Probably Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

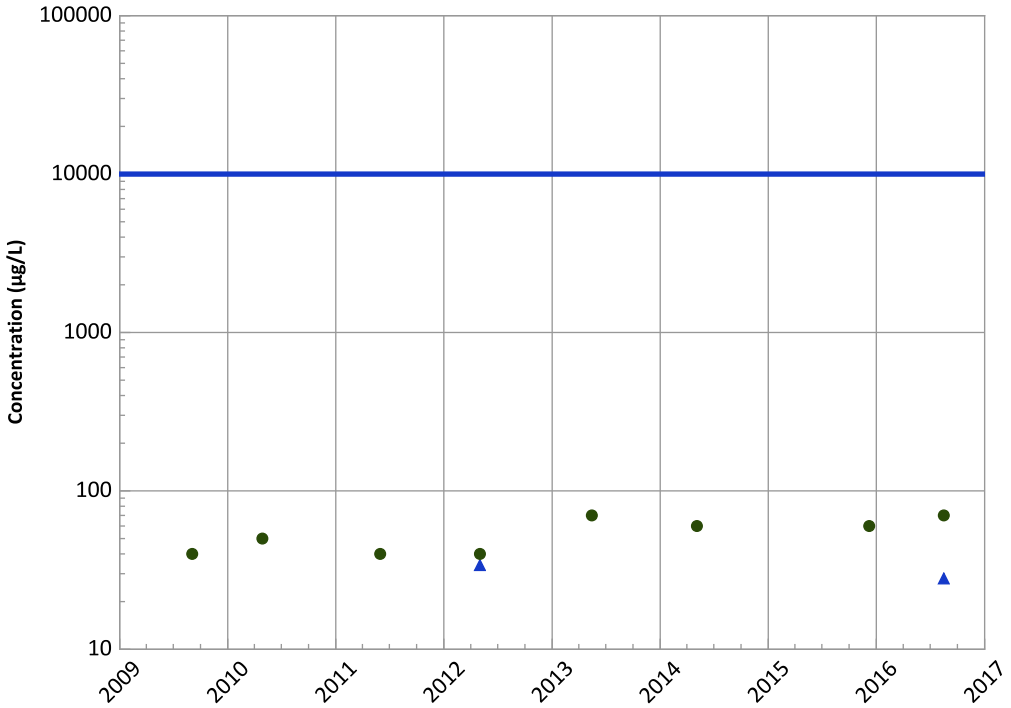
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1100 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

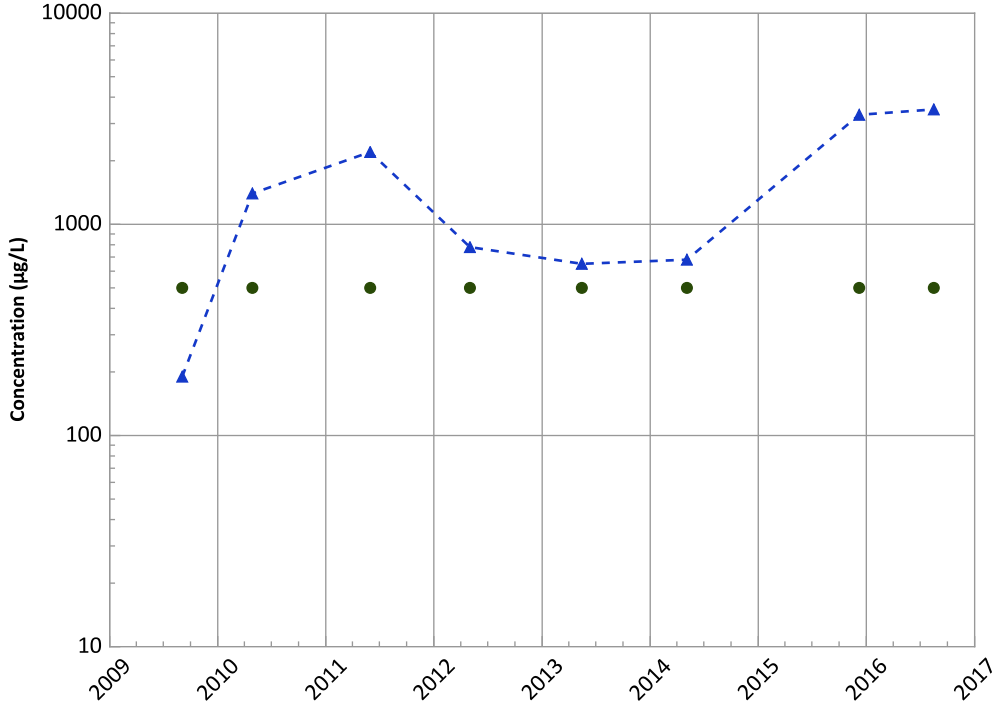


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend



Concentration Trend

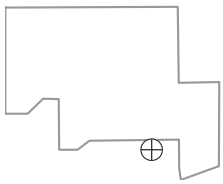
MAROS Mann-Kendall Method
All Data
Probably Increasing
2014 - 2016 Data:
Increasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Increasing

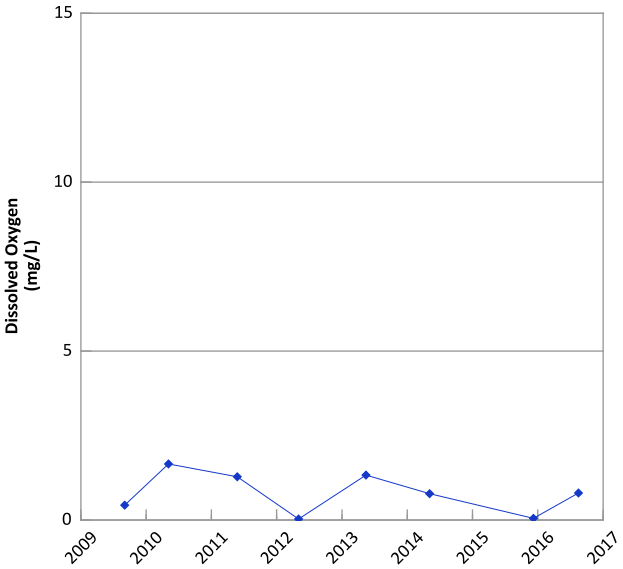
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

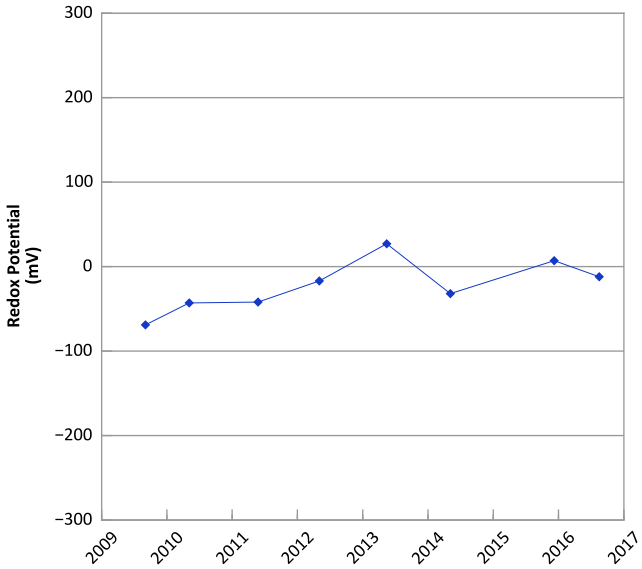
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

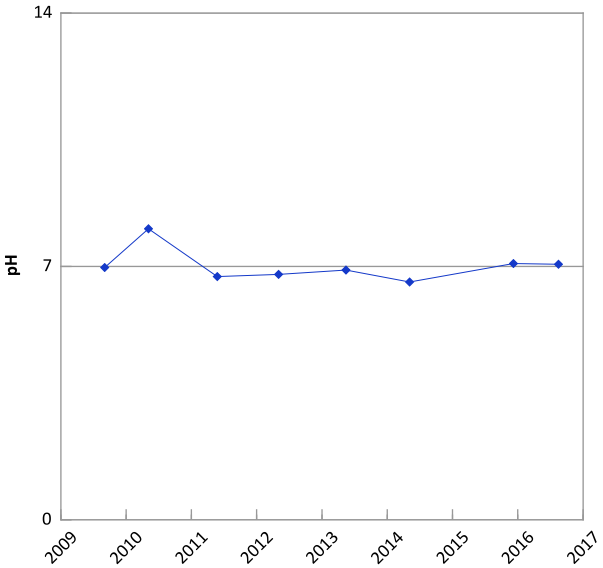
Well Location

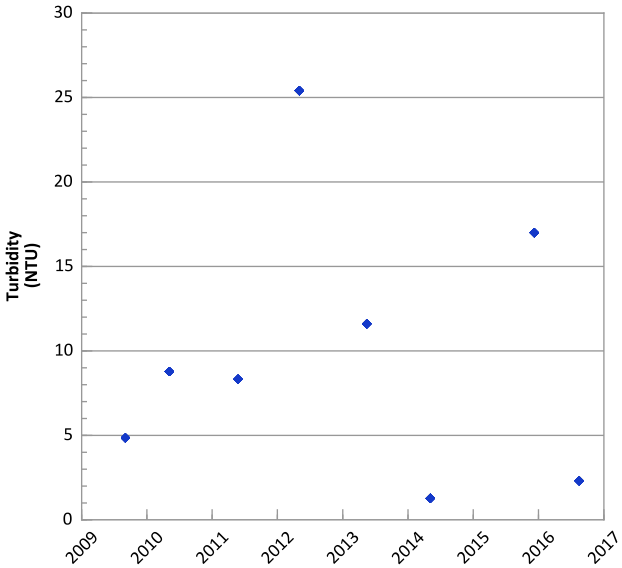


PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



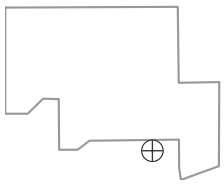






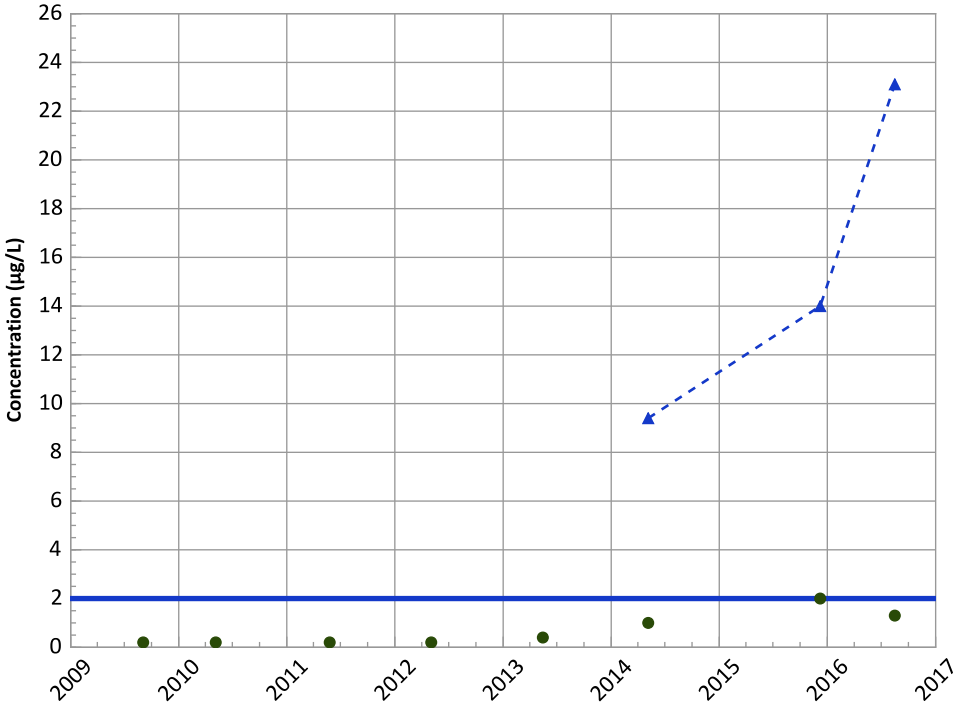
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

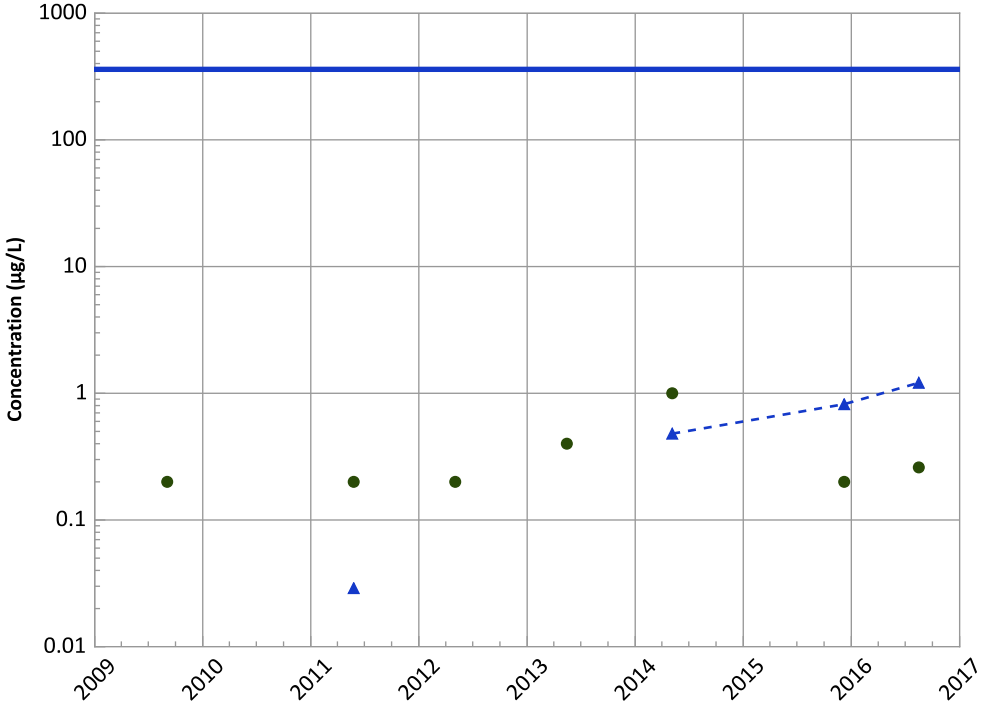


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

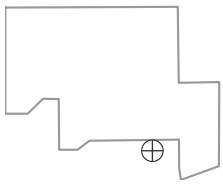
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Increasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

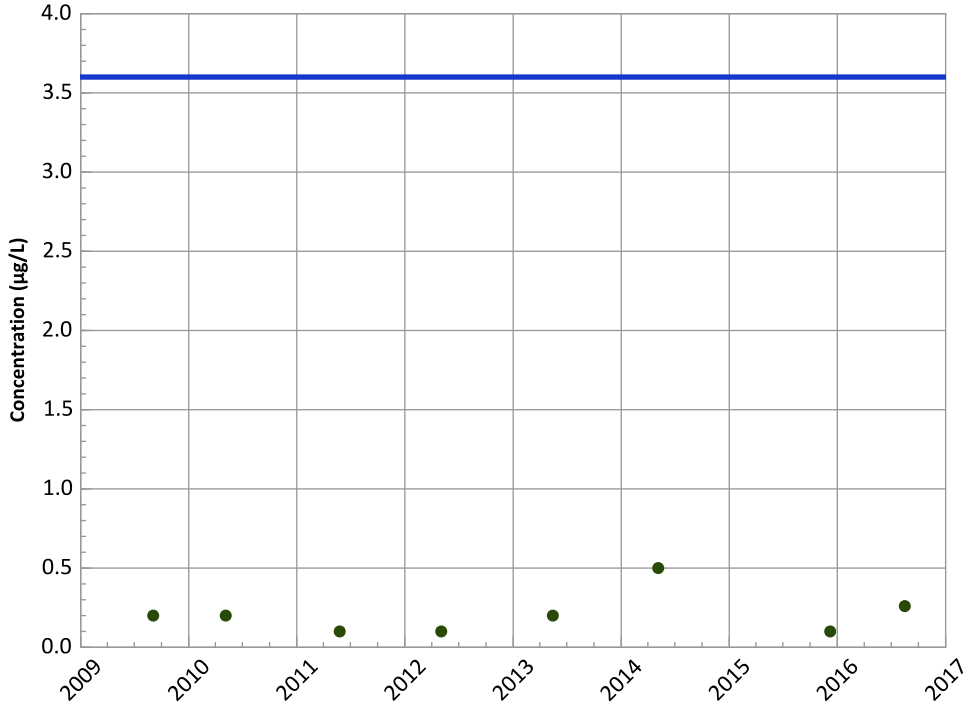
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

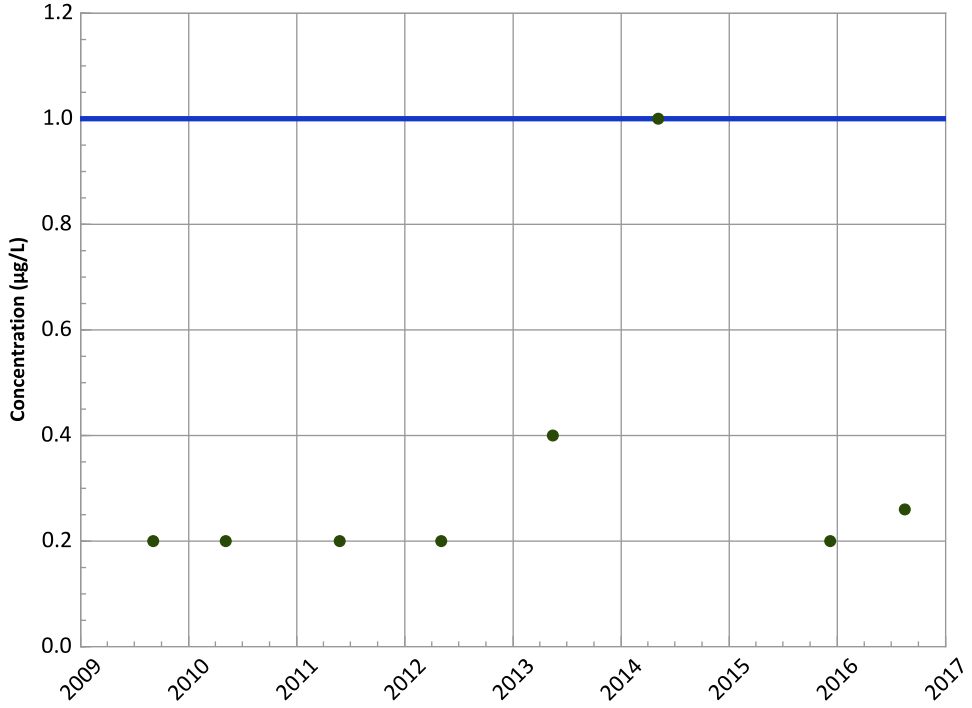


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

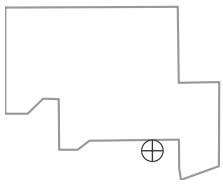
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

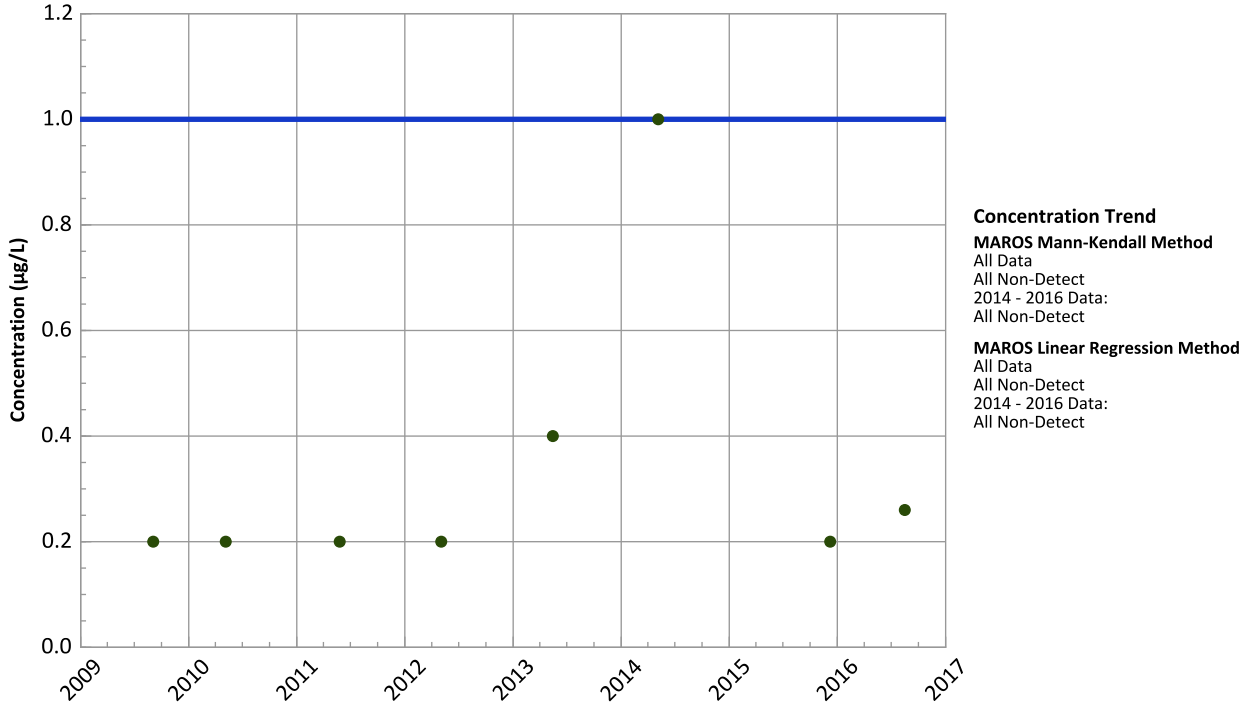
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location

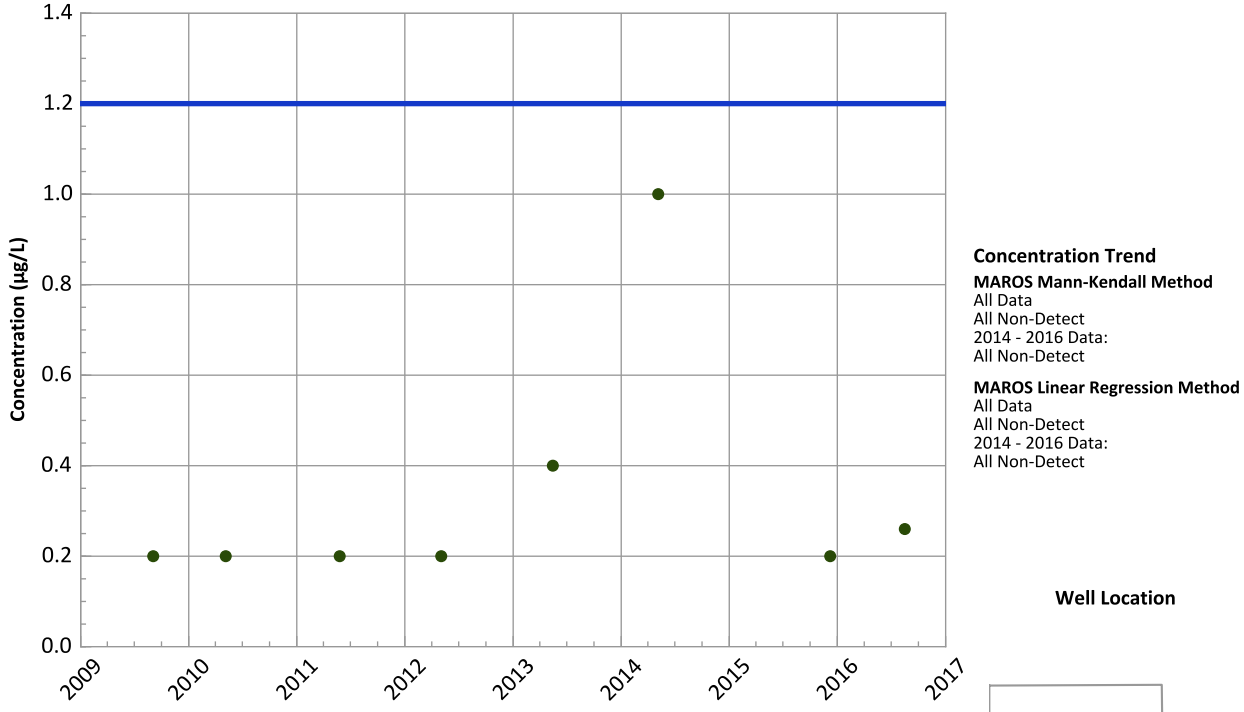


PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



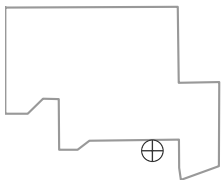
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

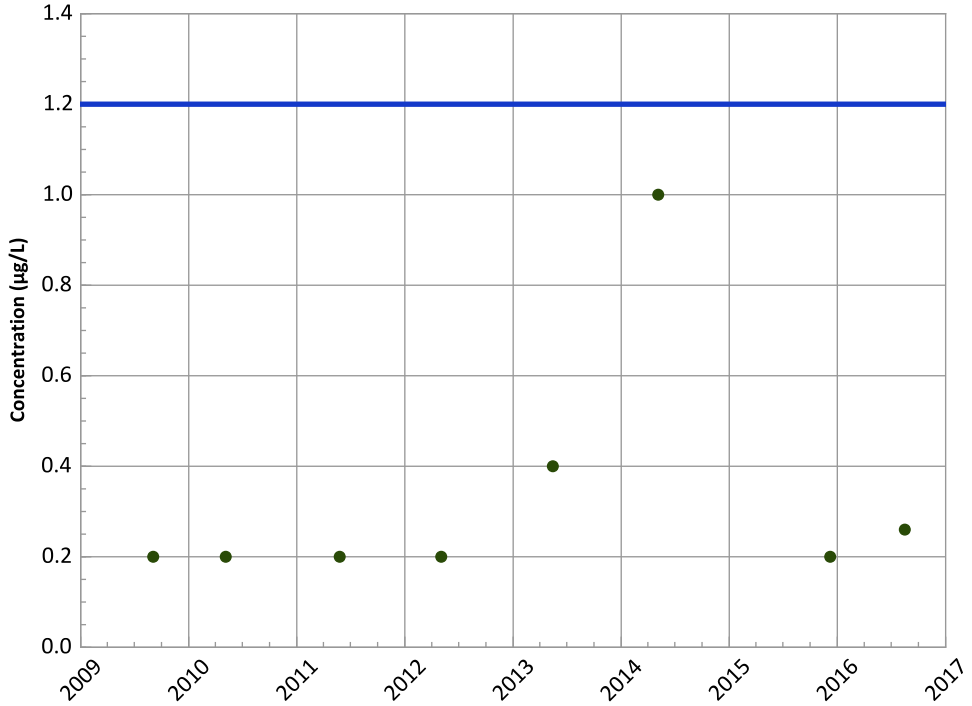
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

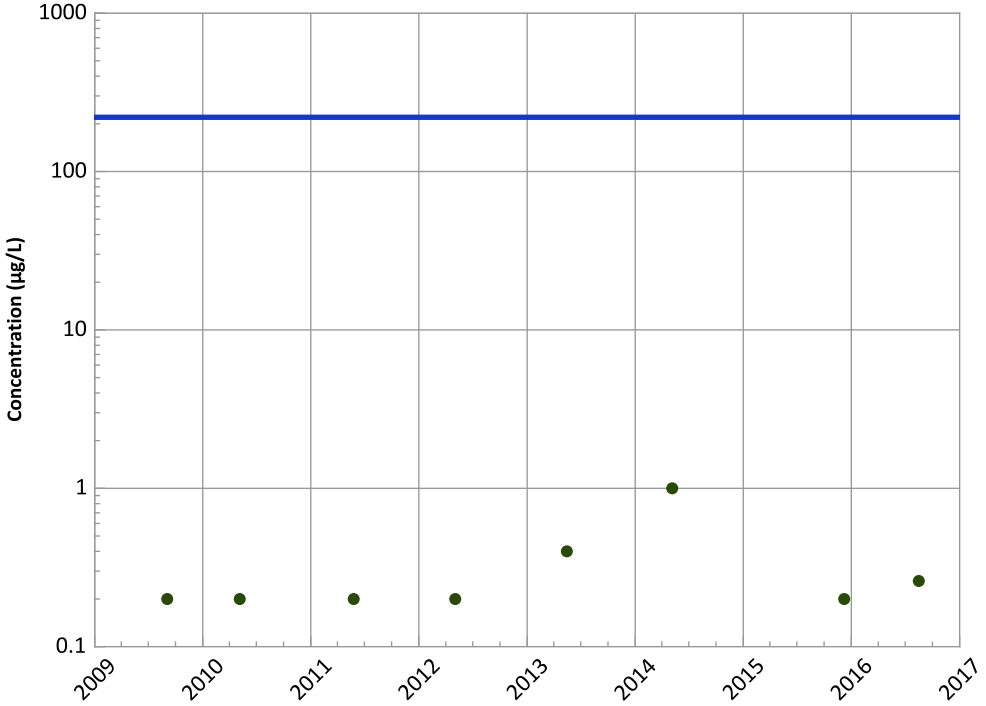


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend

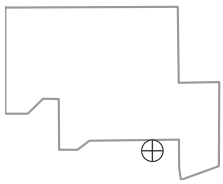


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Well Location

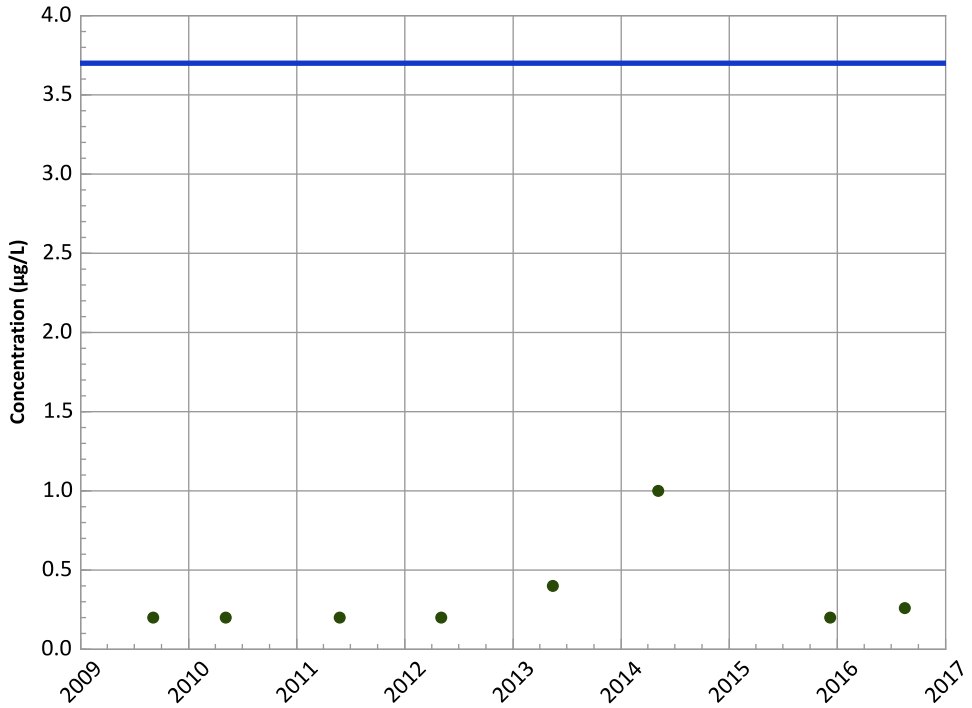


Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

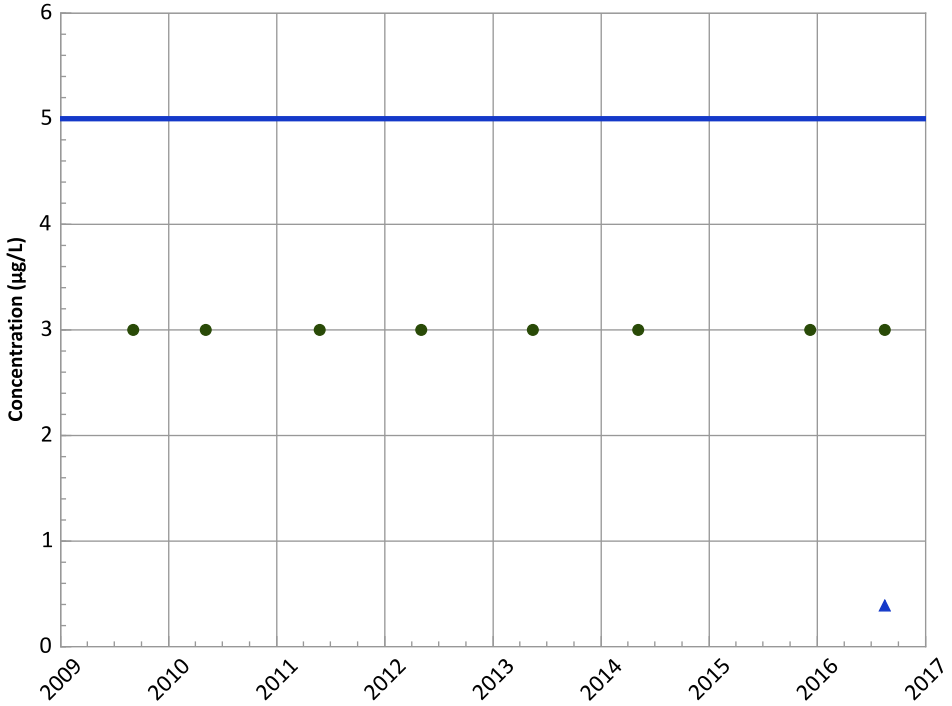


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

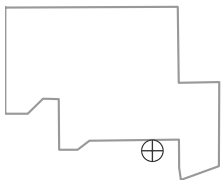
MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

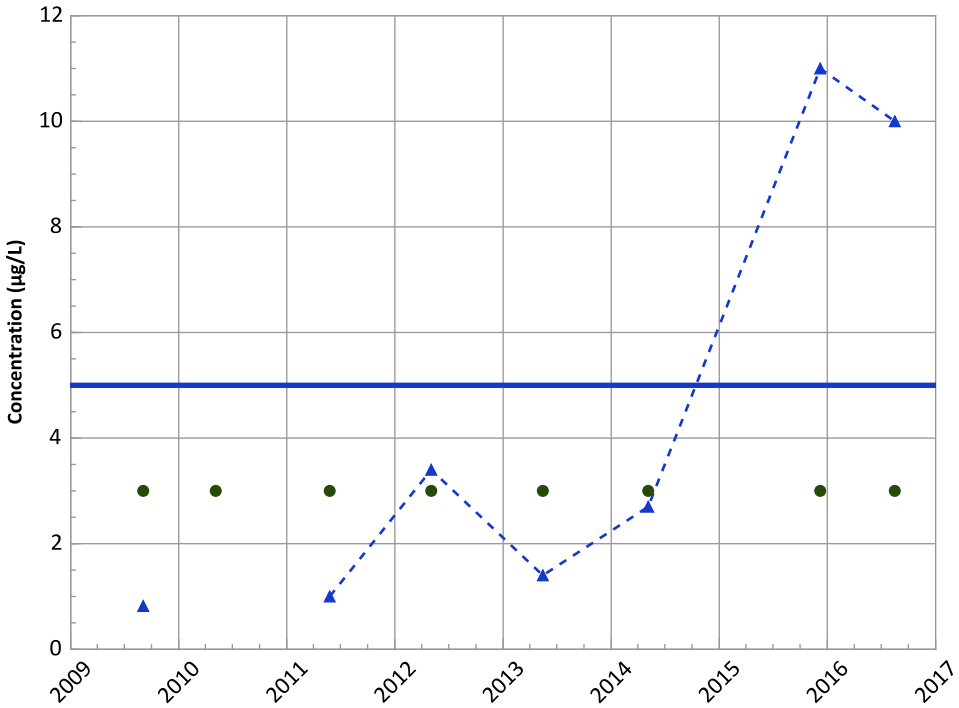
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

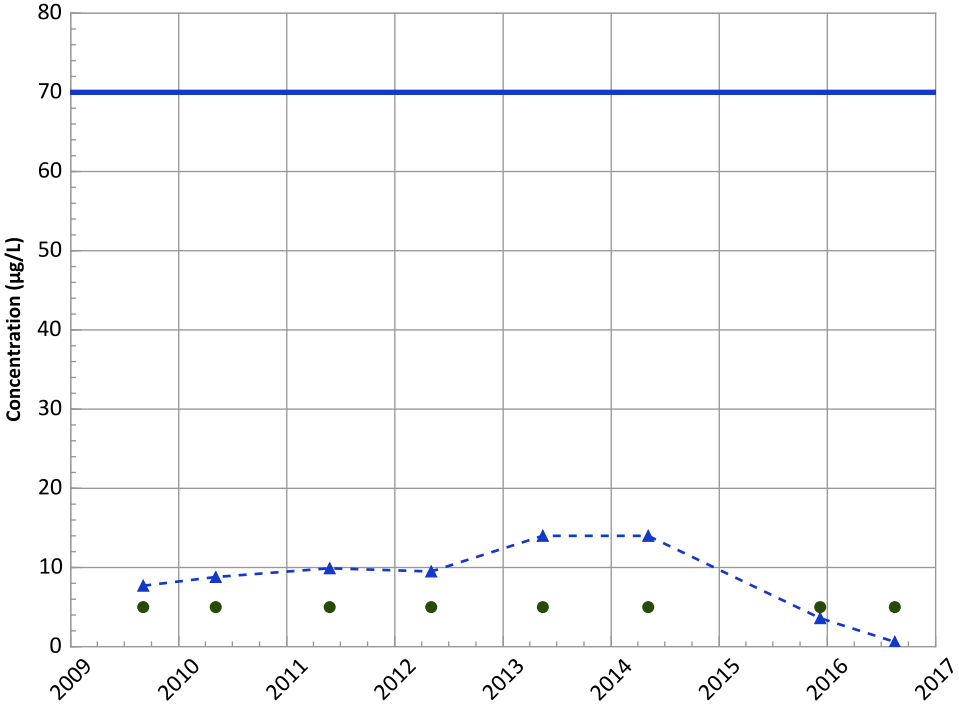


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Increasing

cis-1,2-Dichloroethene Trend



Concentration Trend

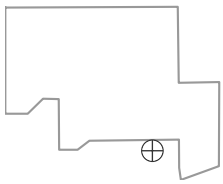
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Probably Decreasing
2014 - 2016 Data:
Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

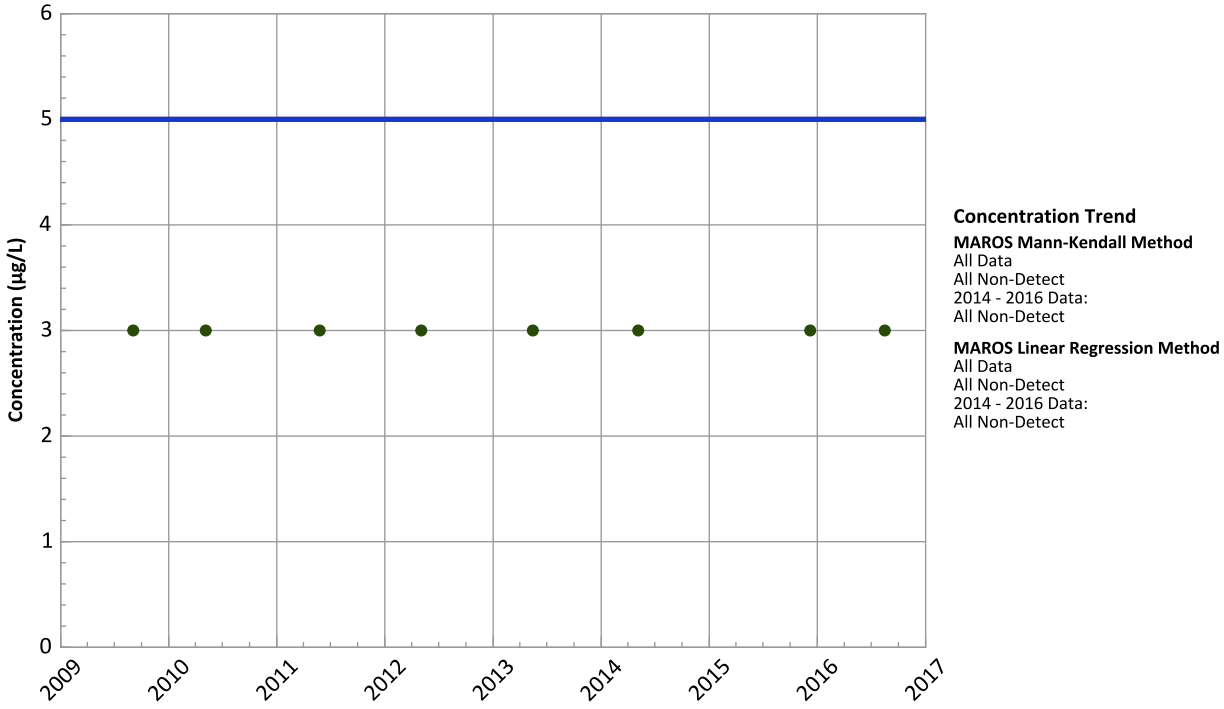
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location

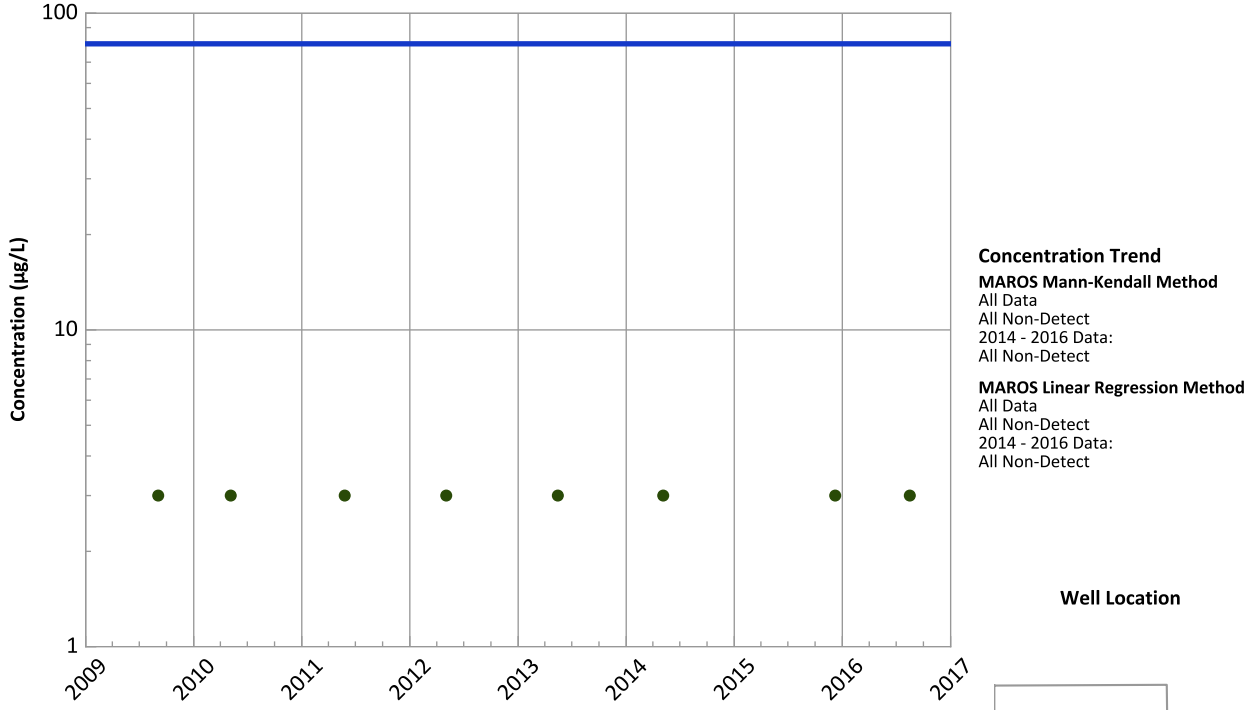


PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend



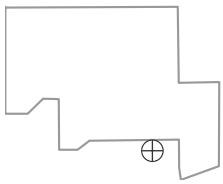
Chloroform Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

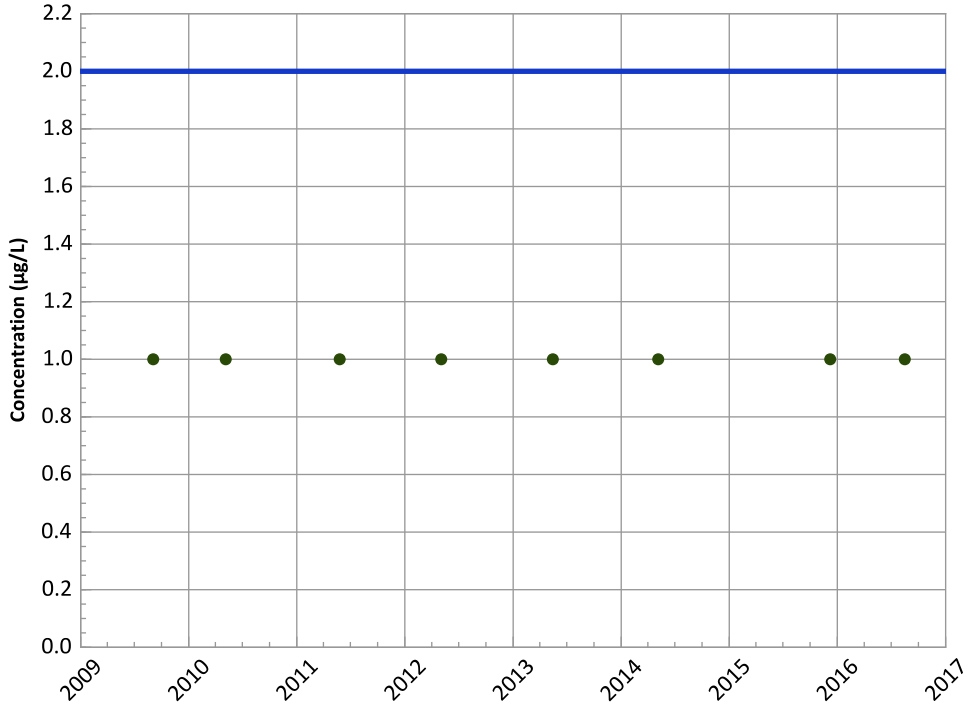
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

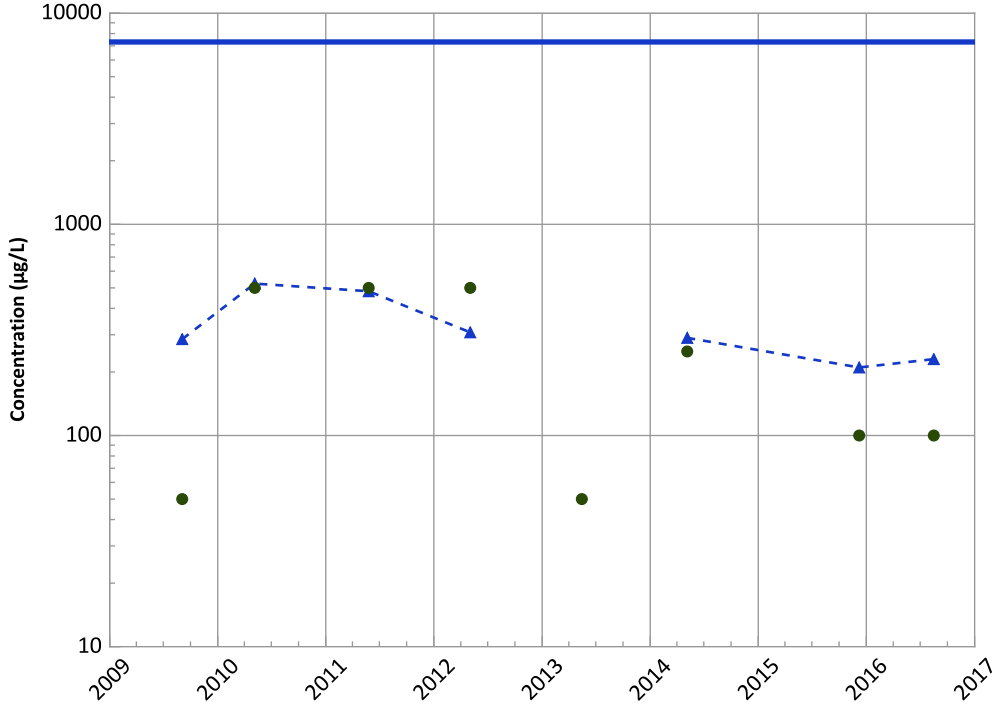


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Boron Trend



Concentration Trend

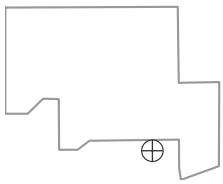
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Probably Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

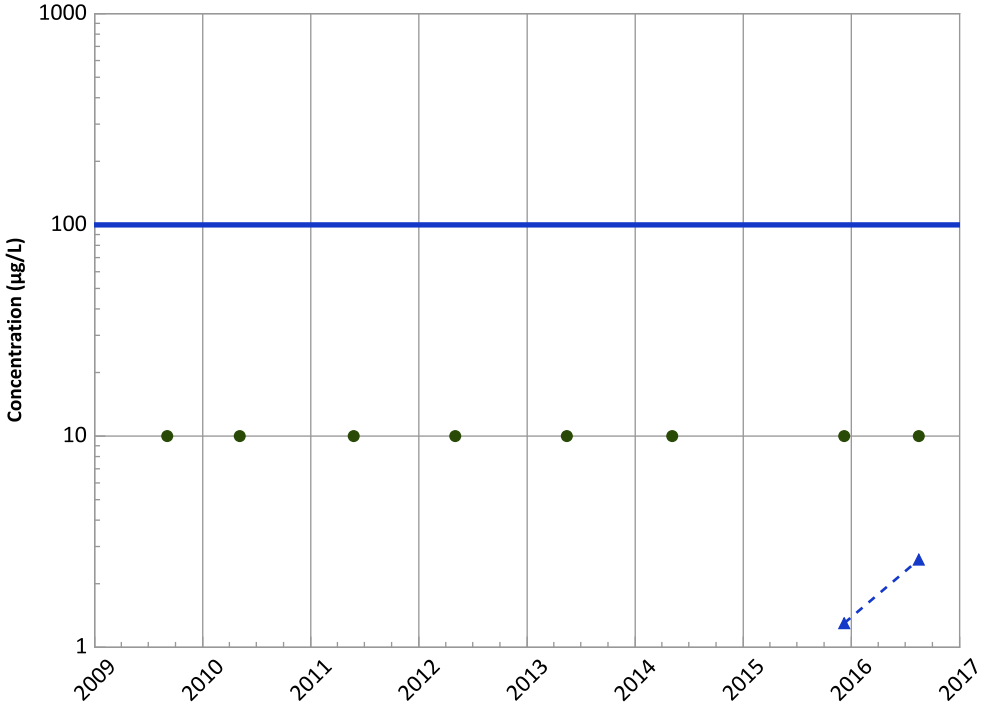
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

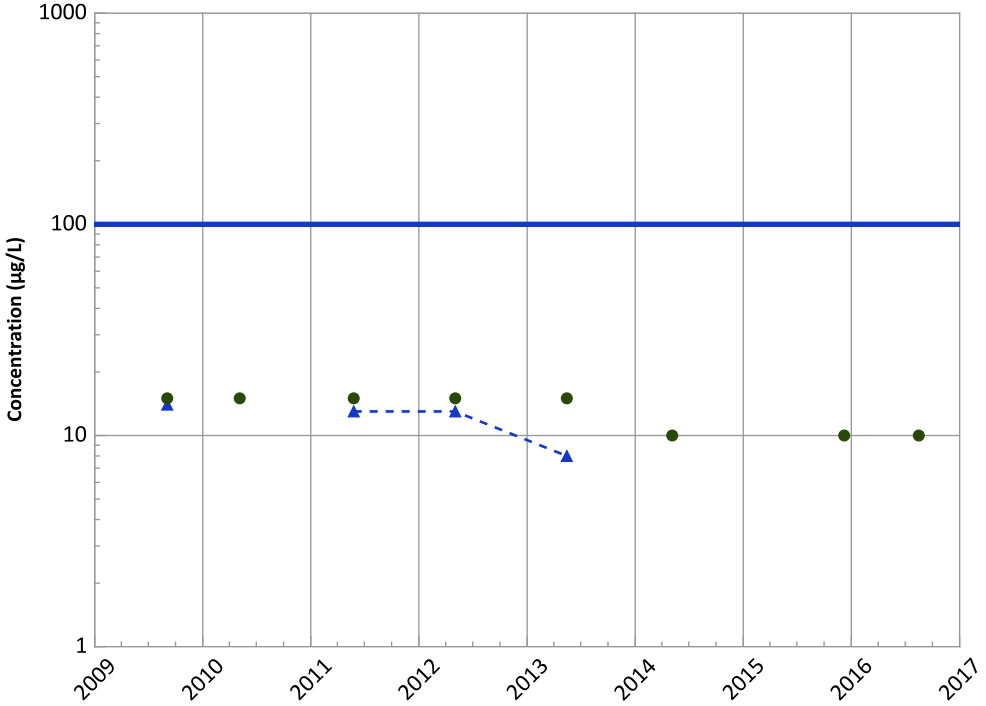


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Chromium, Hexavalent Trend



Concentration Trend

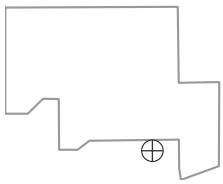
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

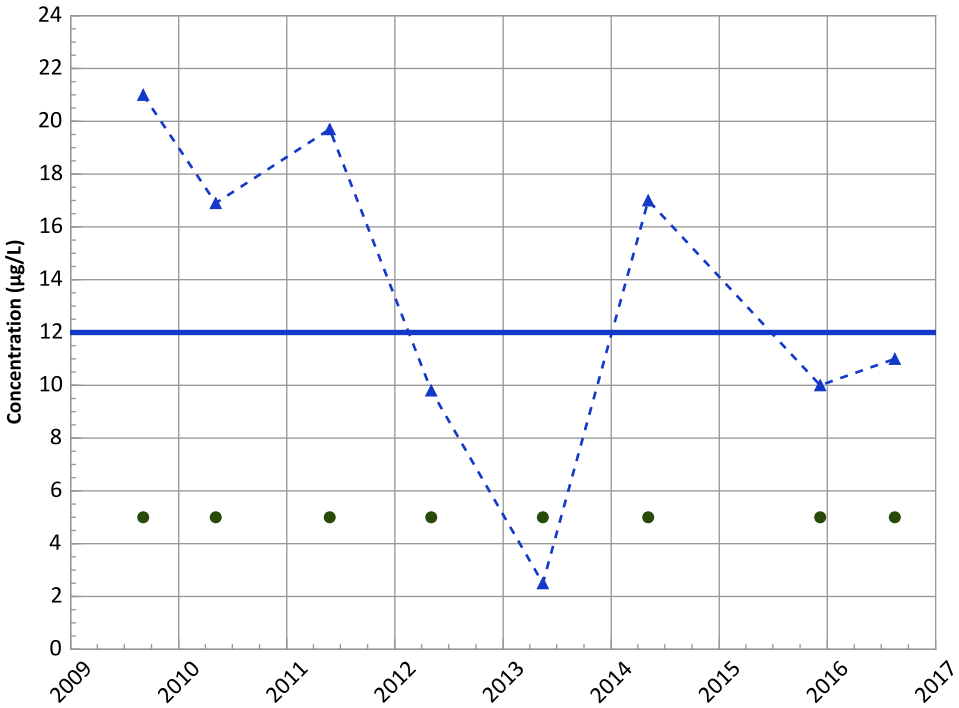
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

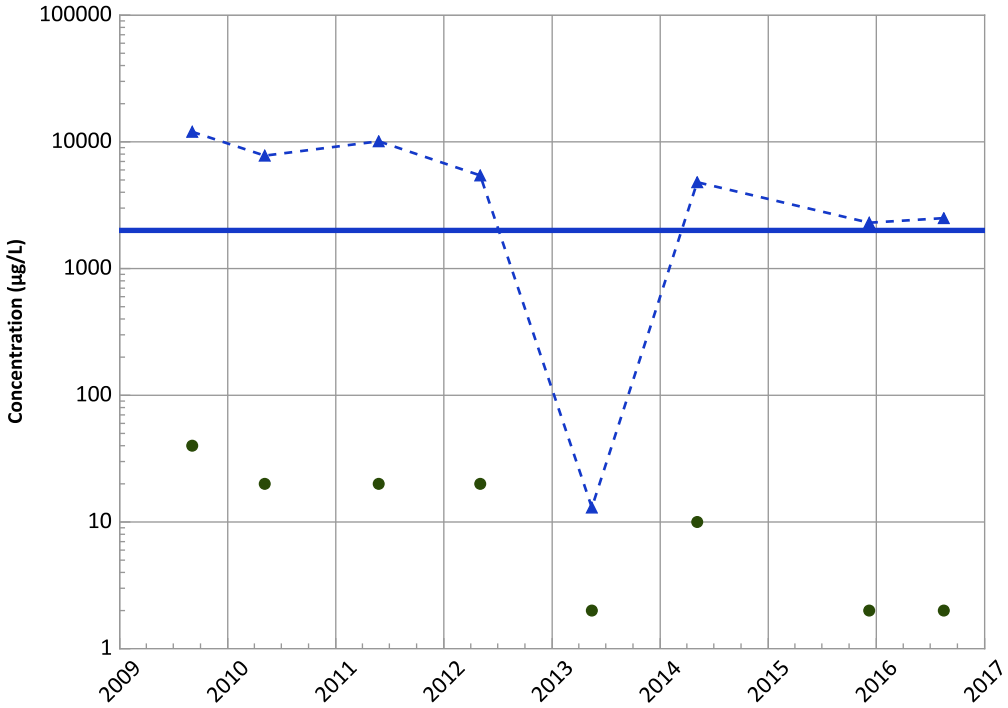


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
No Trend

Barium Trend



Concentration Trend

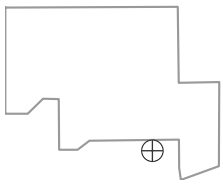
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

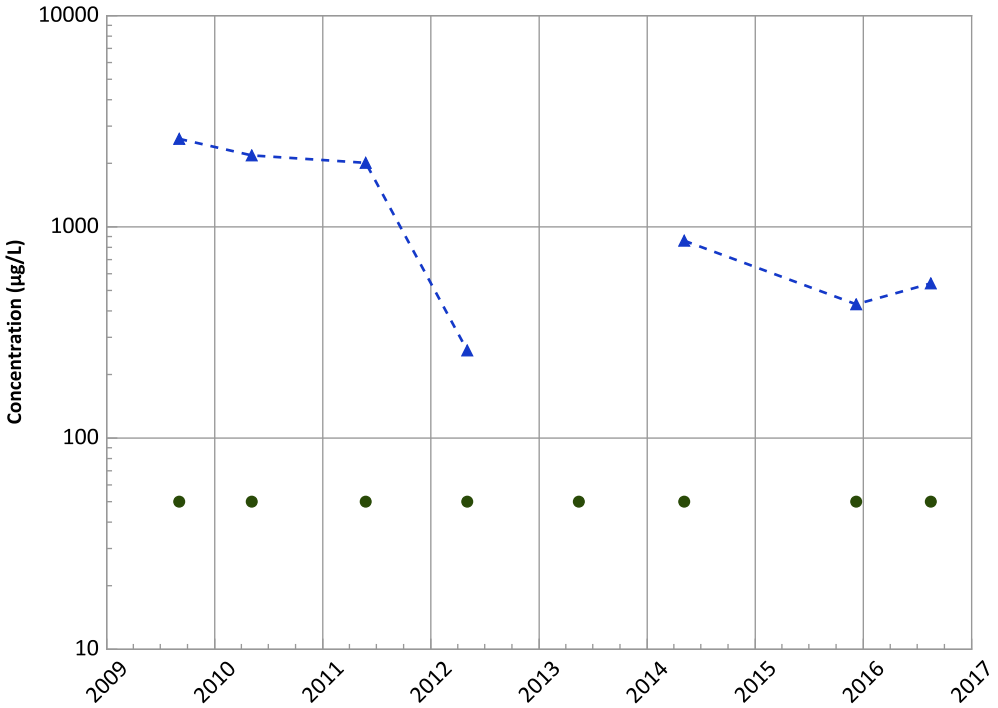
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

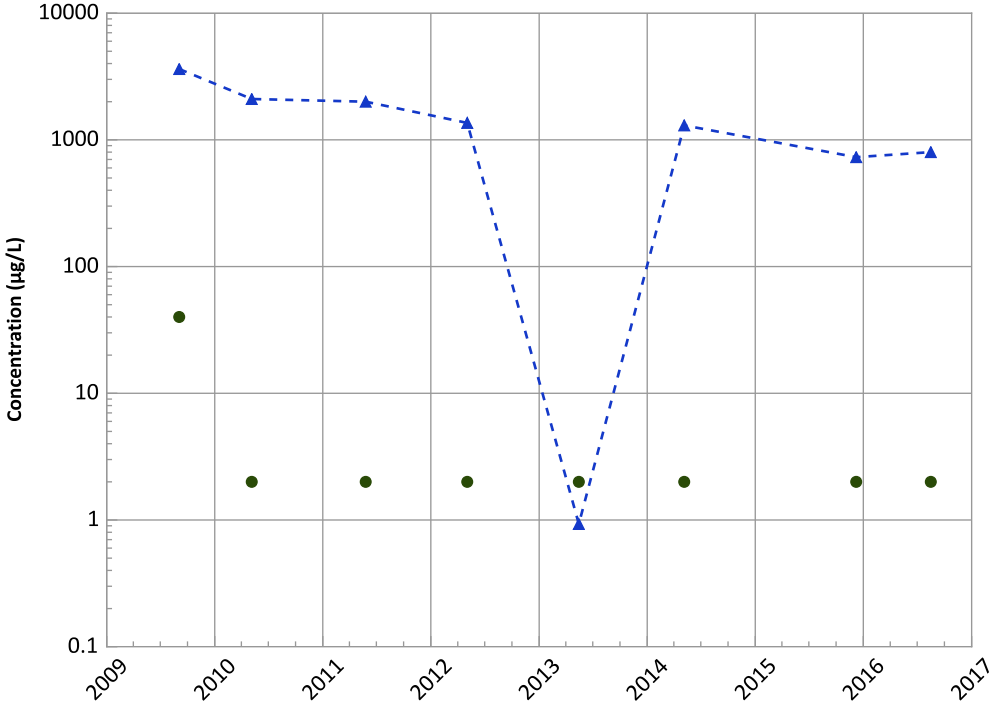


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

Manganese Trend



Concentration Trend

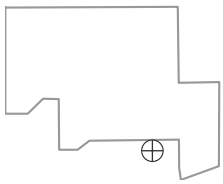
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

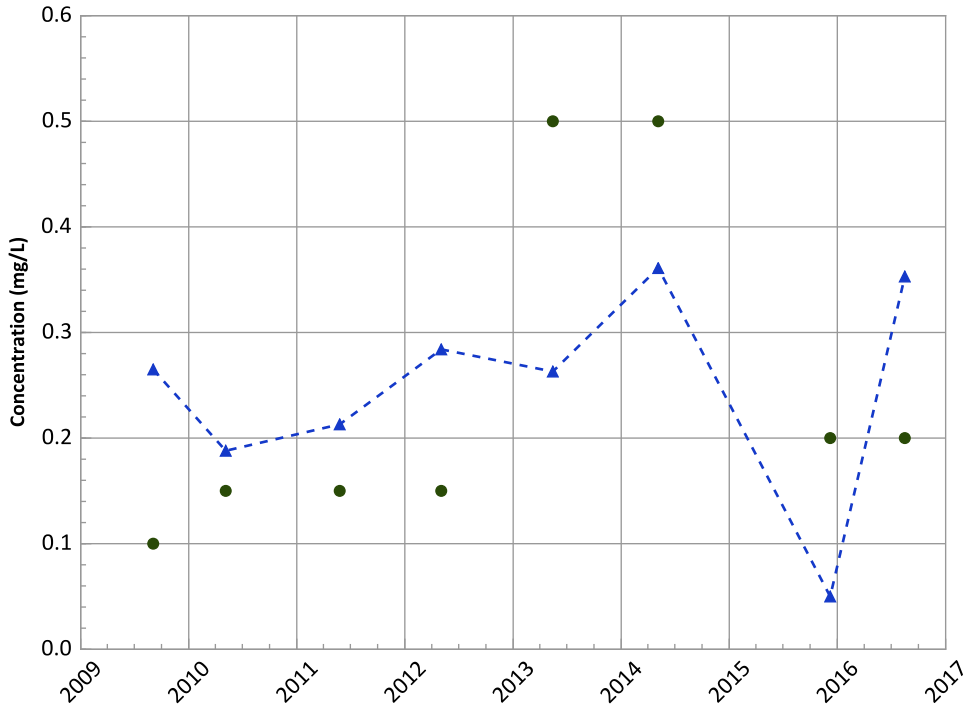
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend

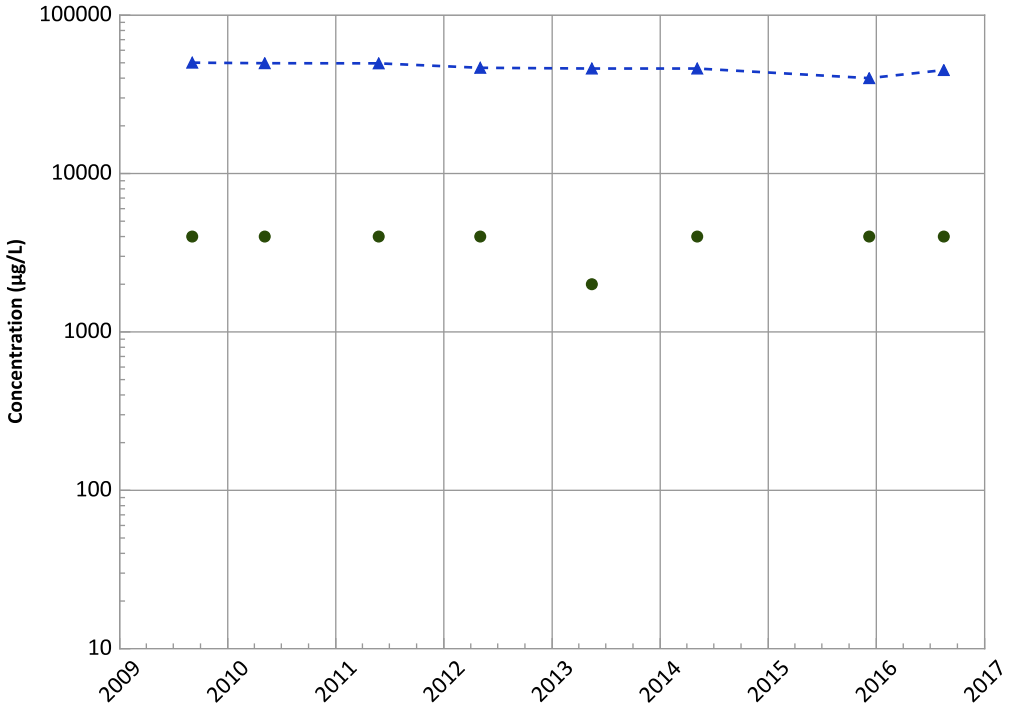


Concentration Trend

MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
Stable

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
Stable

Chloride (as Cl) Trend



Concentration Trend

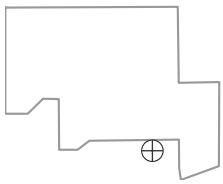
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

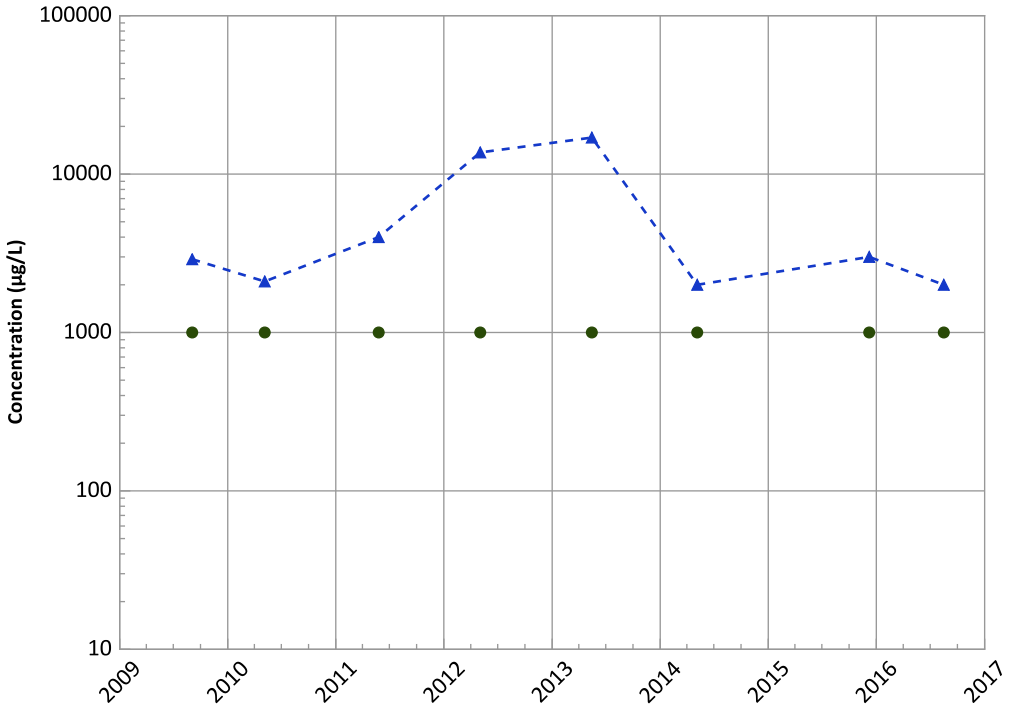
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

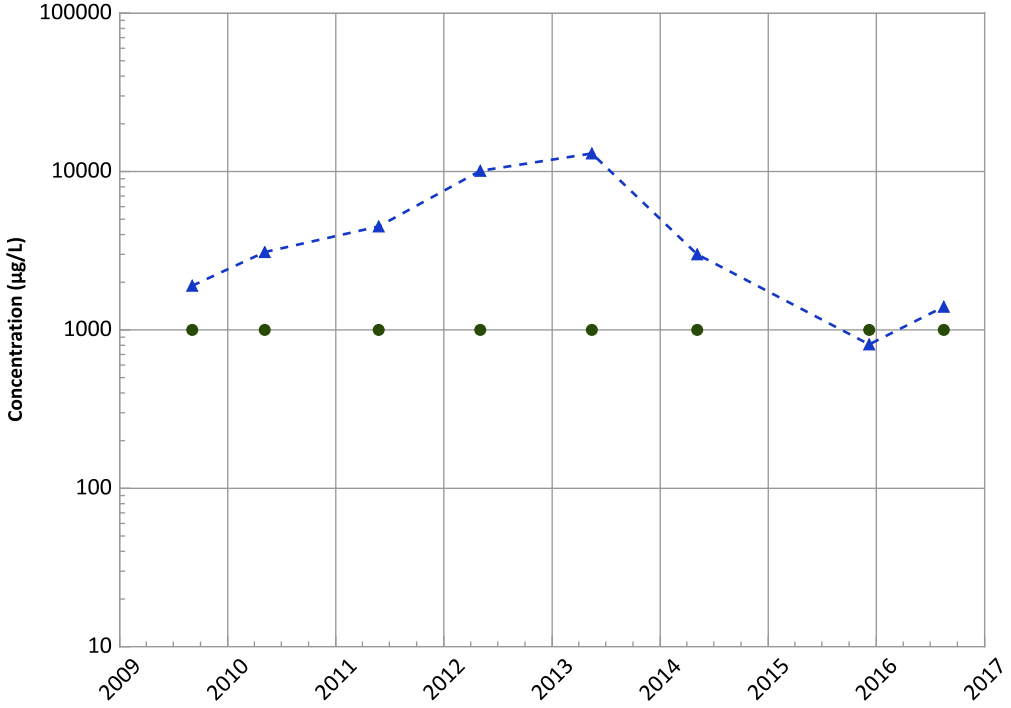


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
No Trend

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

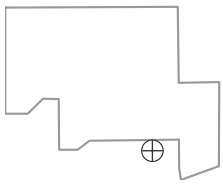
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
Probably Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

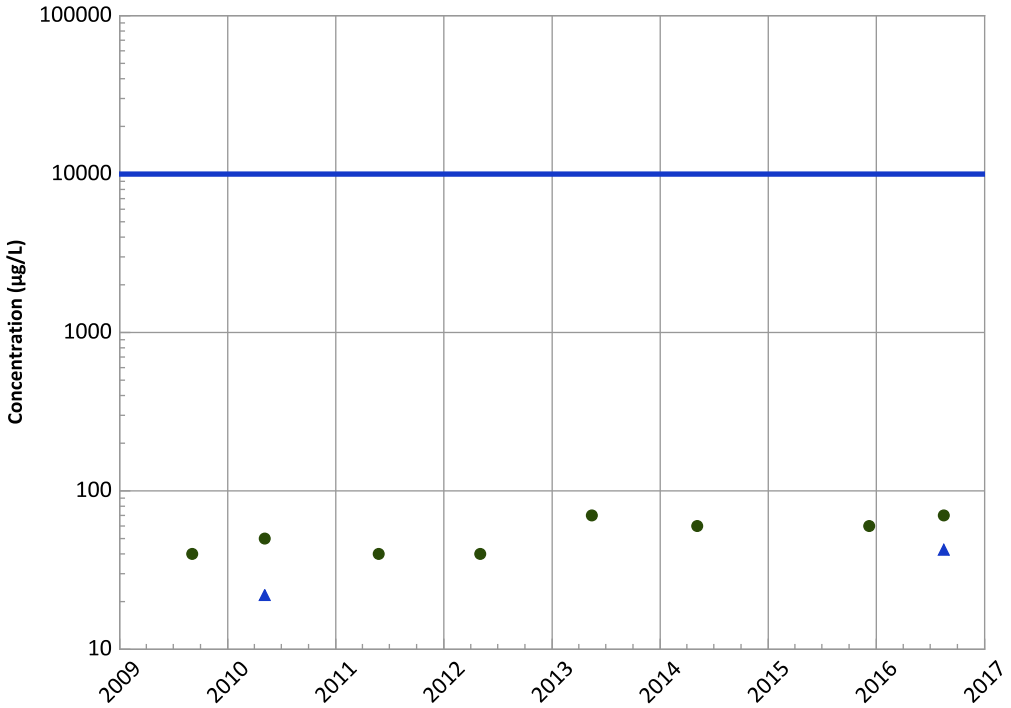
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

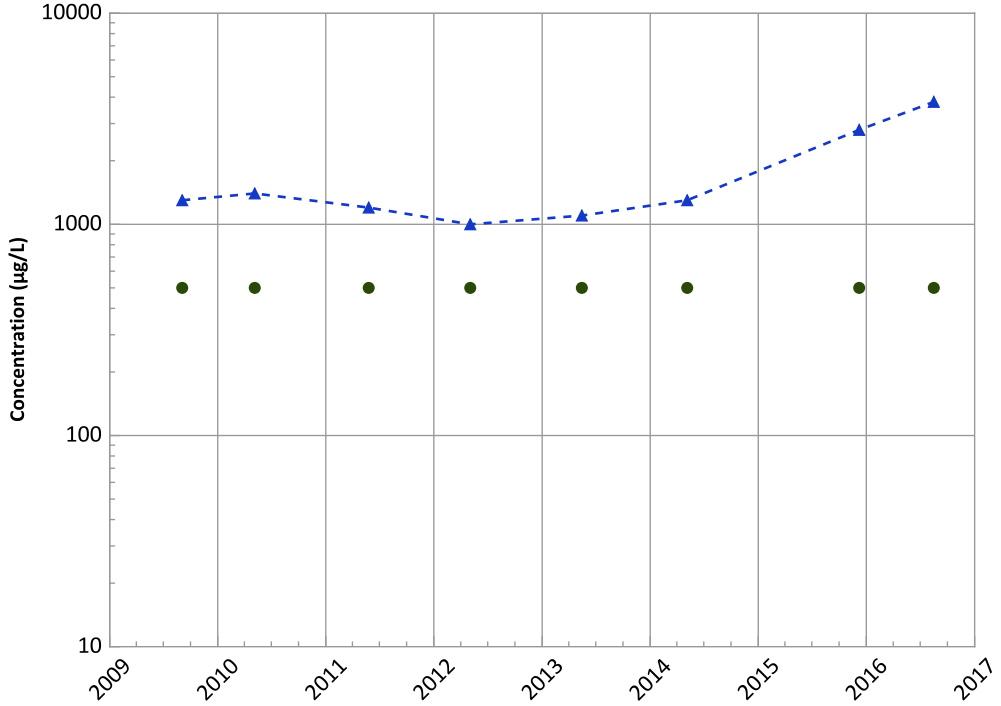


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend



Concentration Trend

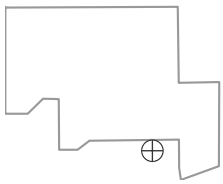
MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
Increasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Increasing

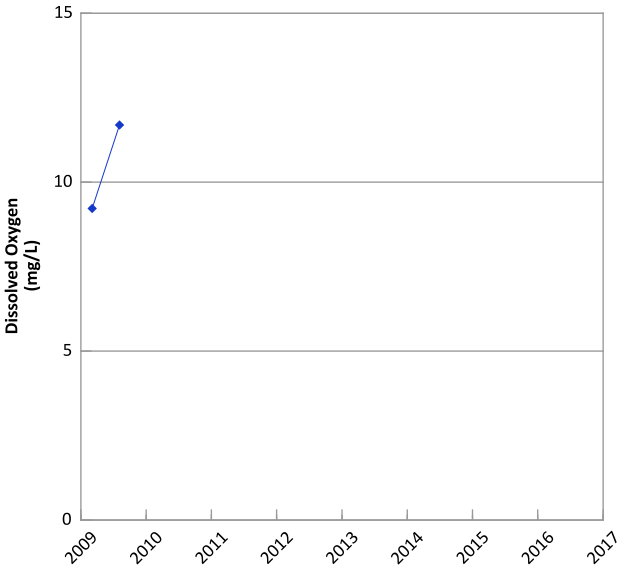
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 09/03/2009 to 08/16/2016
Analysis Date: 03/07/2017

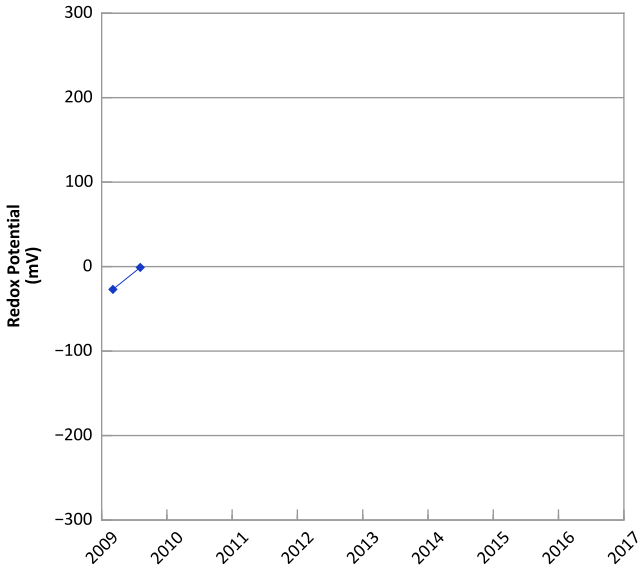
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

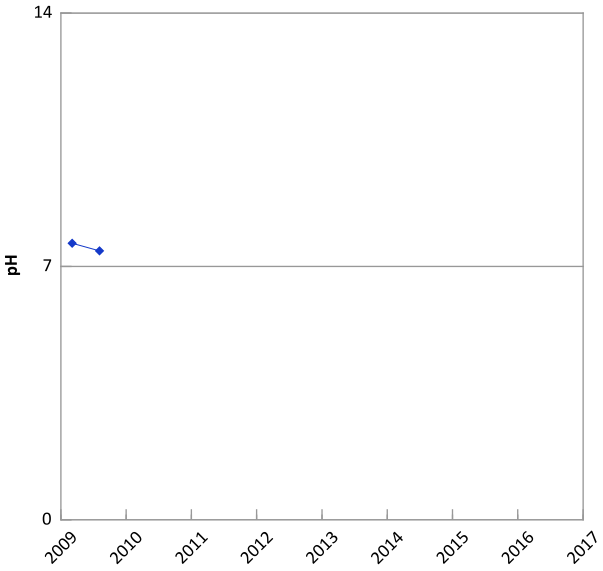
Well Location

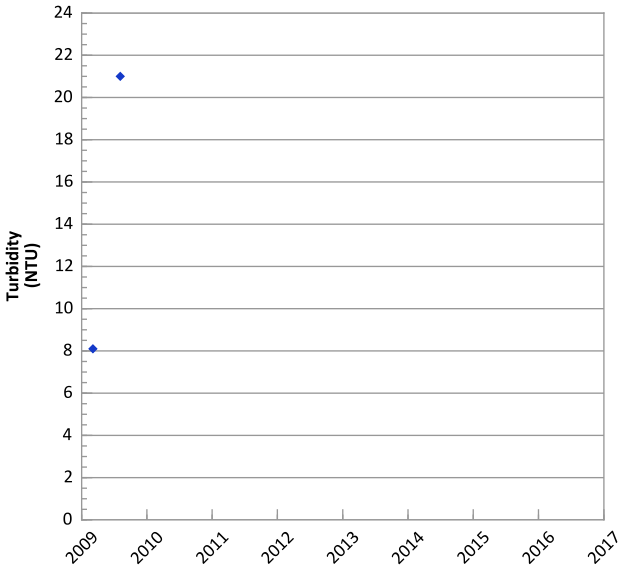


PTX06-1118 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



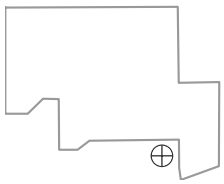






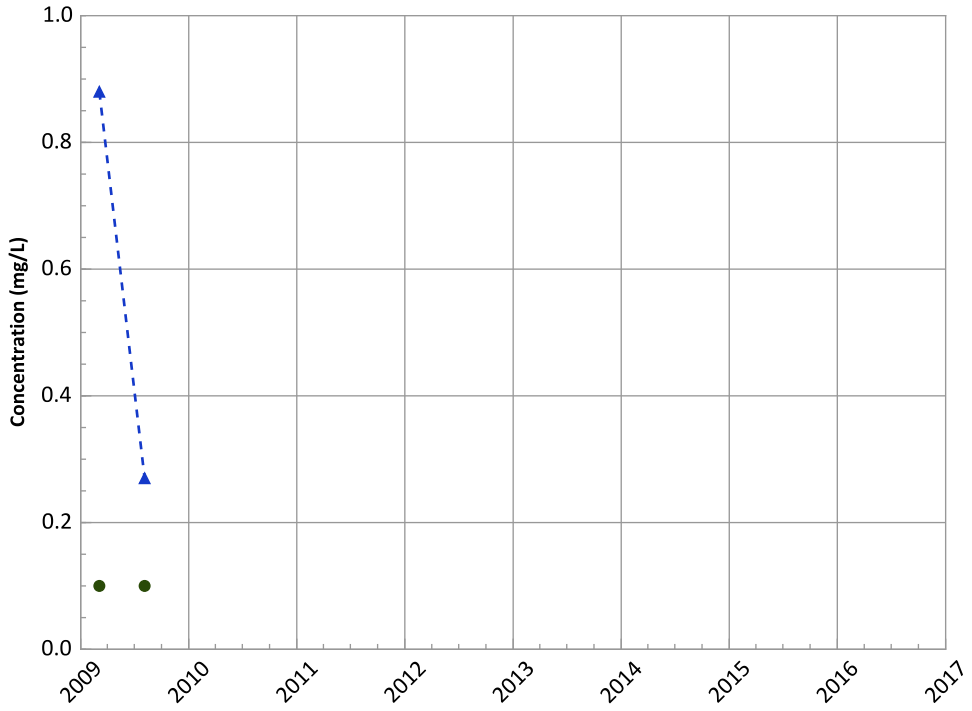
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 03/05/2009 to 08/05/2009
Analysis Date: 03/07/2017

Well Location



PTX06-1118 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

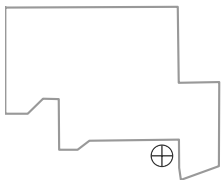
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

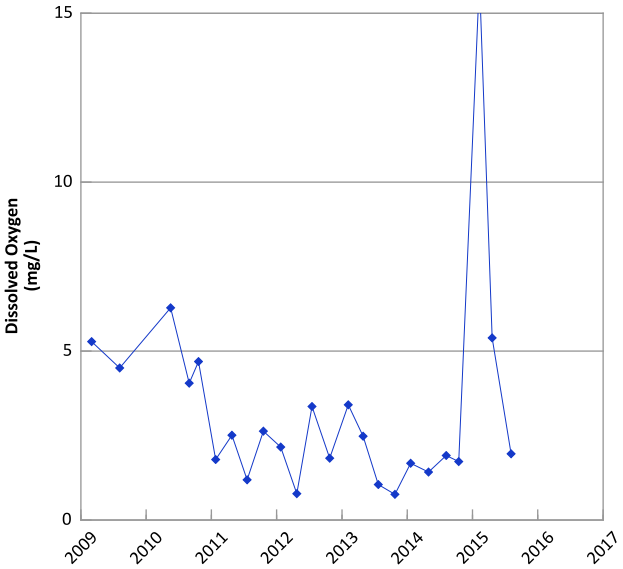
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 03/05/2009 to 08/05/2009
Analysis Date: 03/07/2017

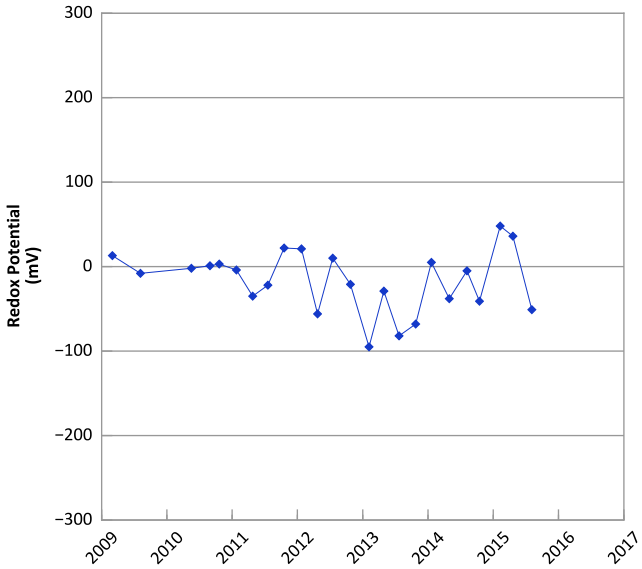
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

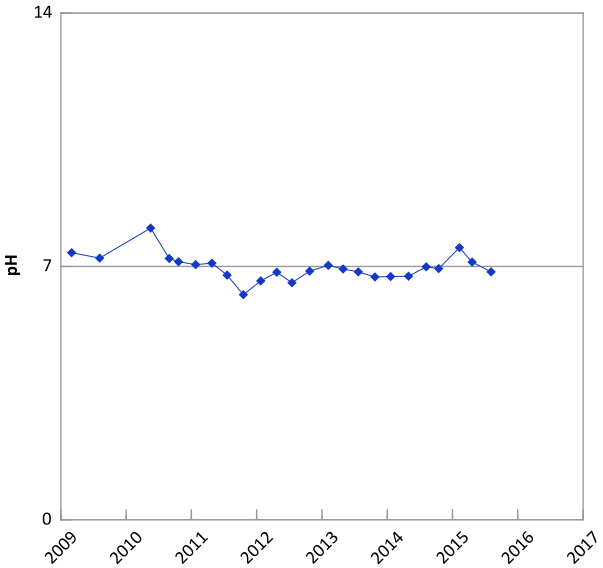
Well Location

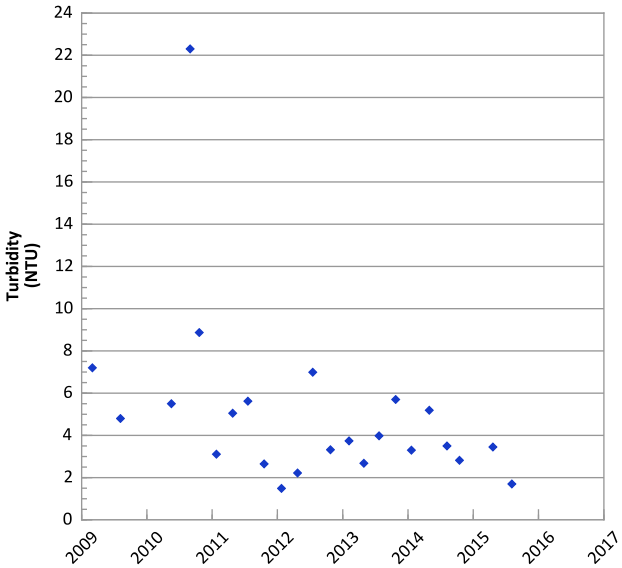


PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



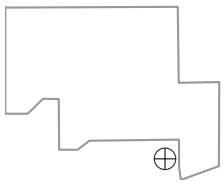






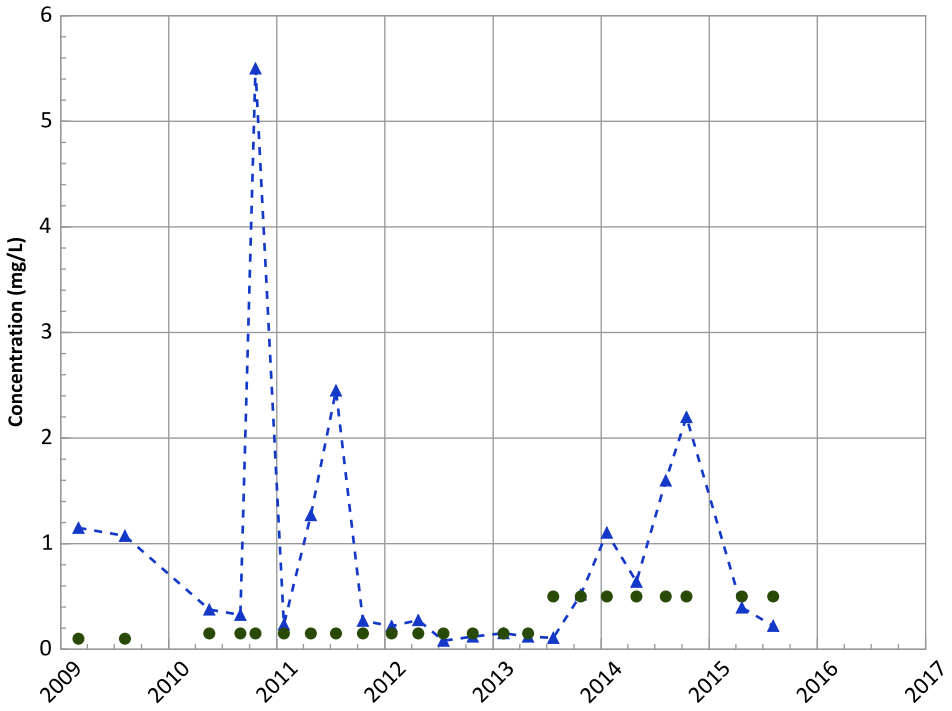
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 03/02/2009 to 08/05/2015
Analysis Date: 03/07/2017

Well Location



PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

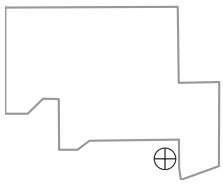
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Decreasing

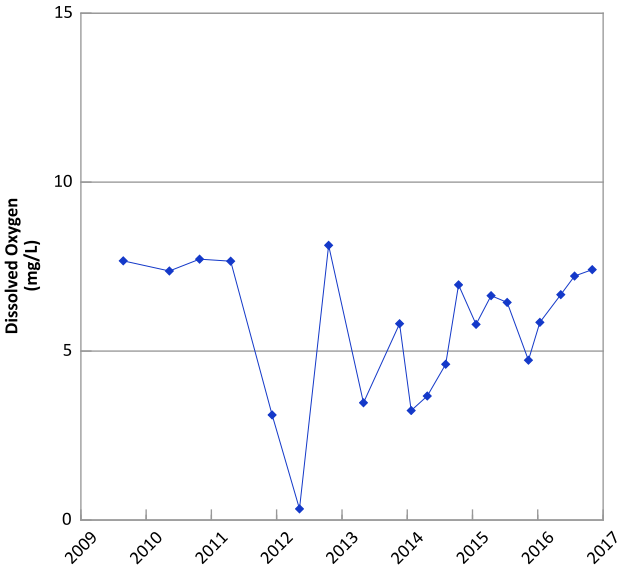
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 03/02/2009 to 08/05/2015
Analysis Date: 03/07/2017

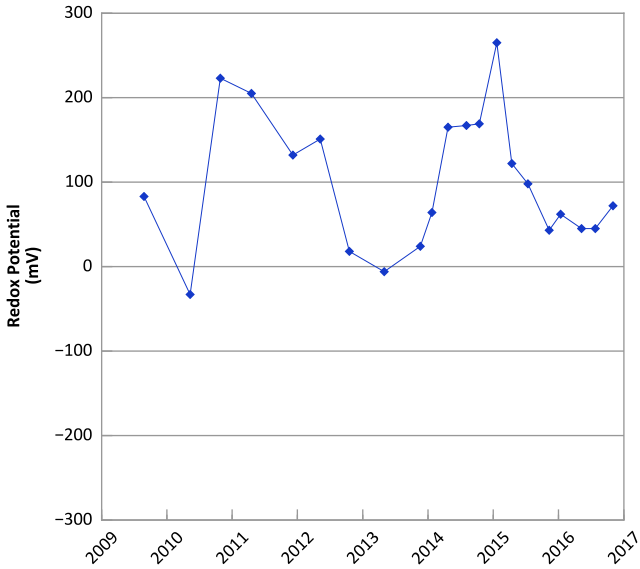
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

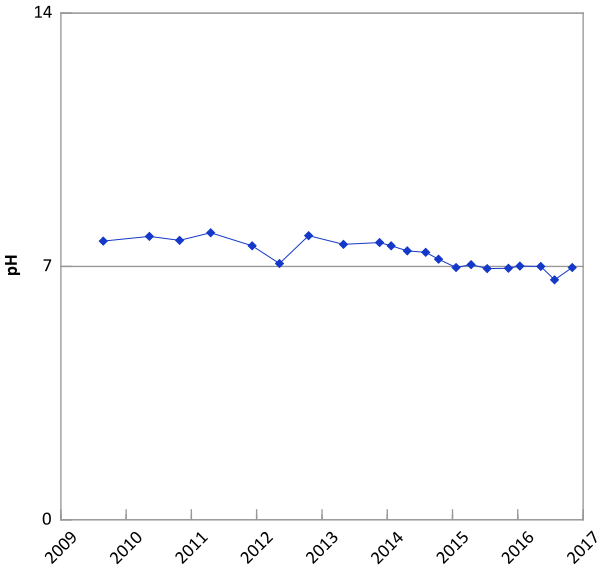
Well Location

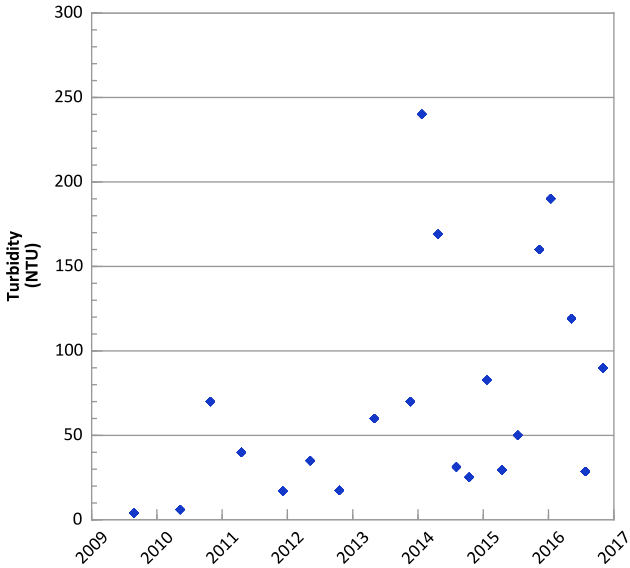


PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



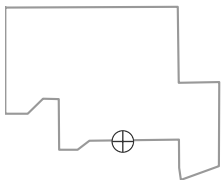






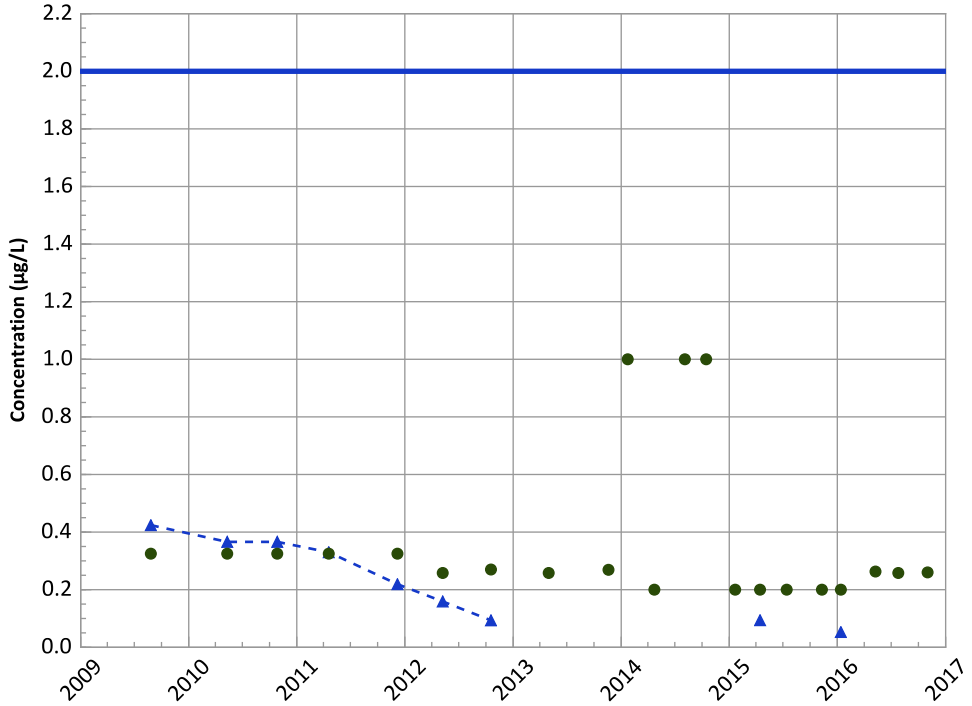
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

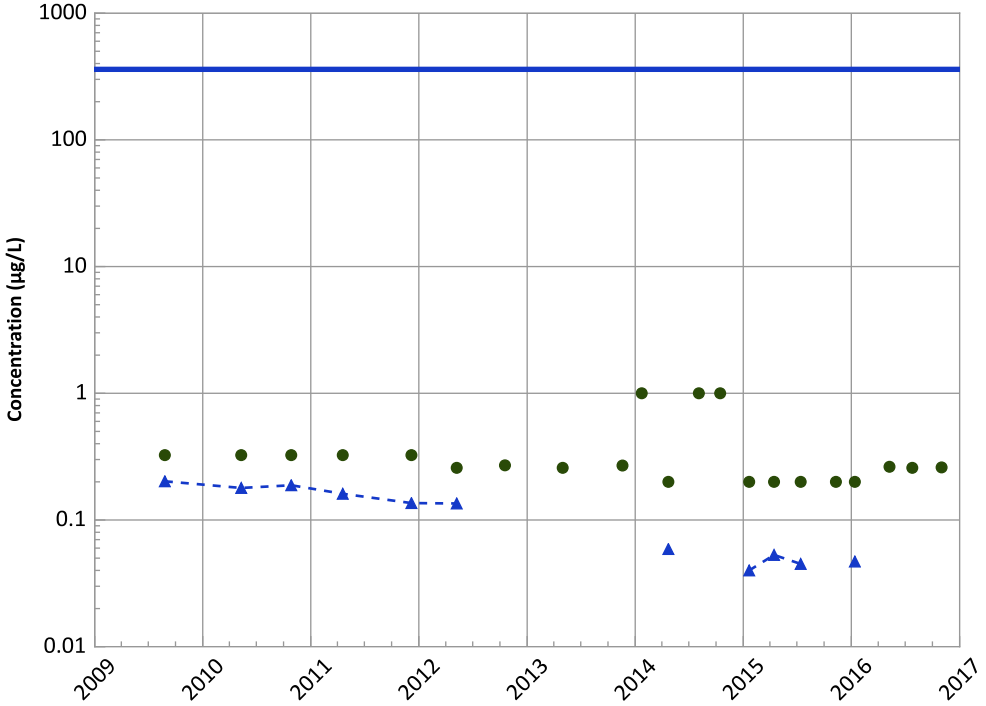


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

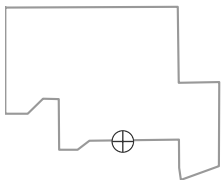
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

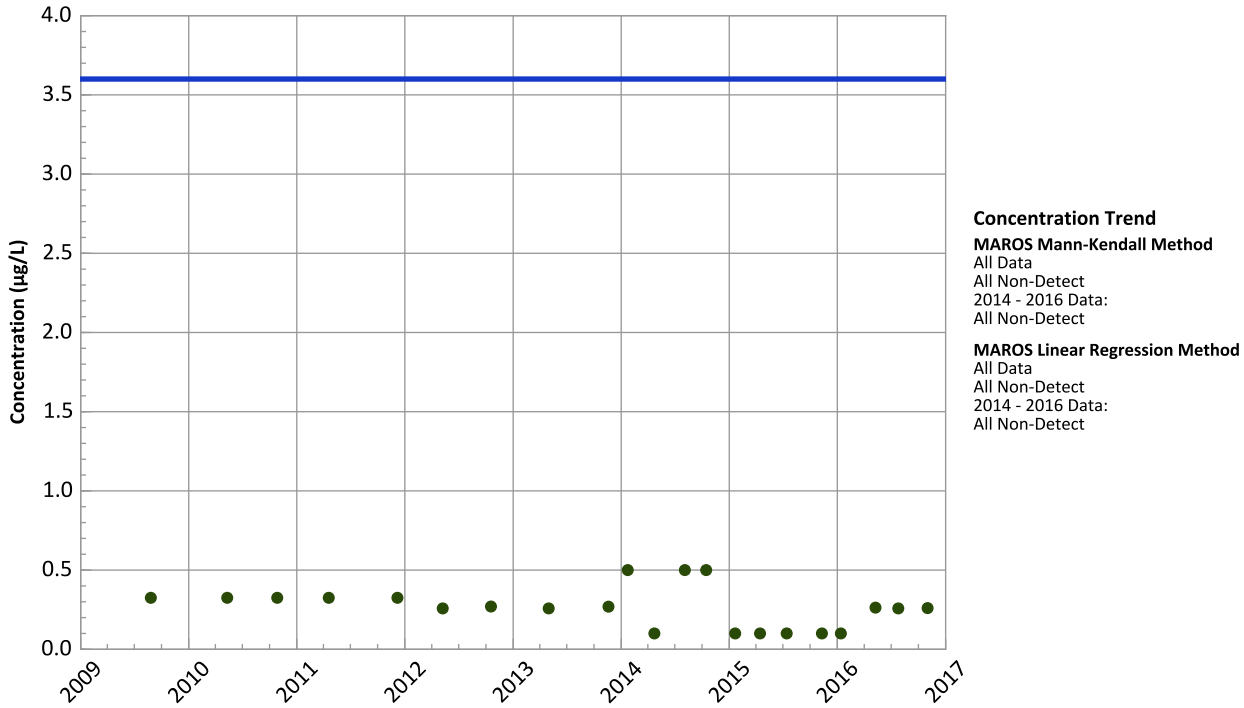
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

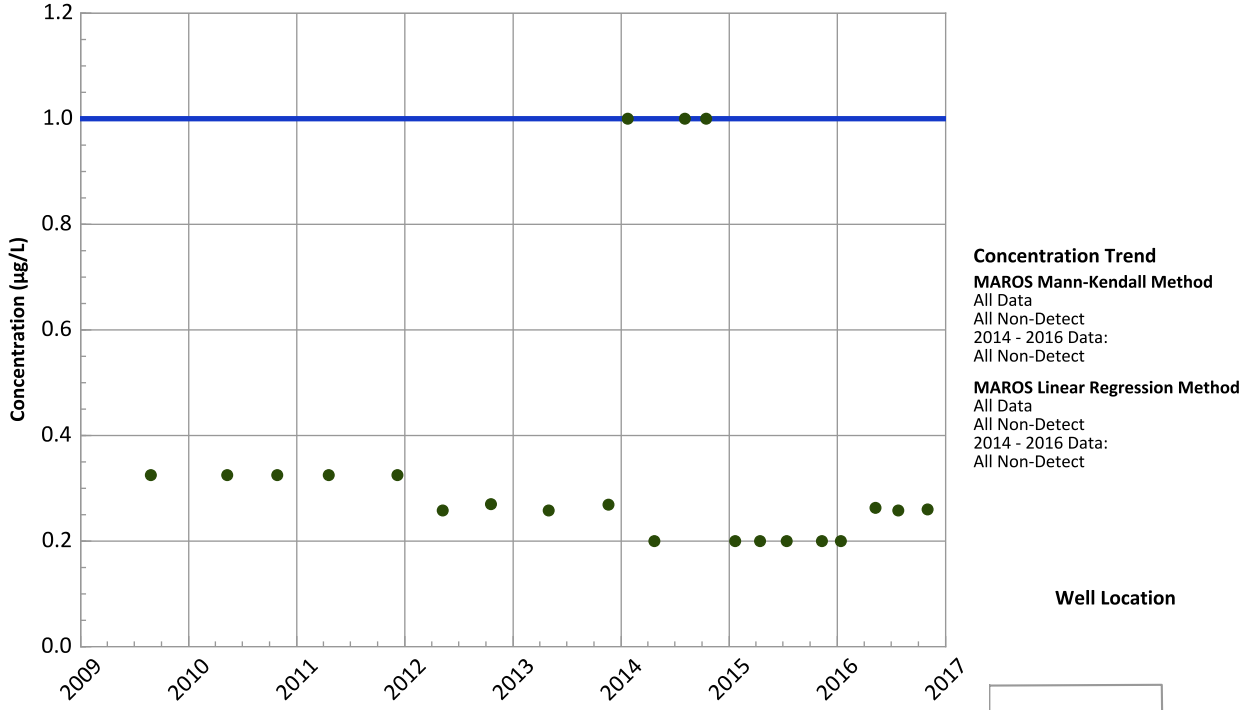


PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



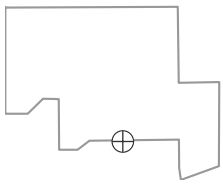
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

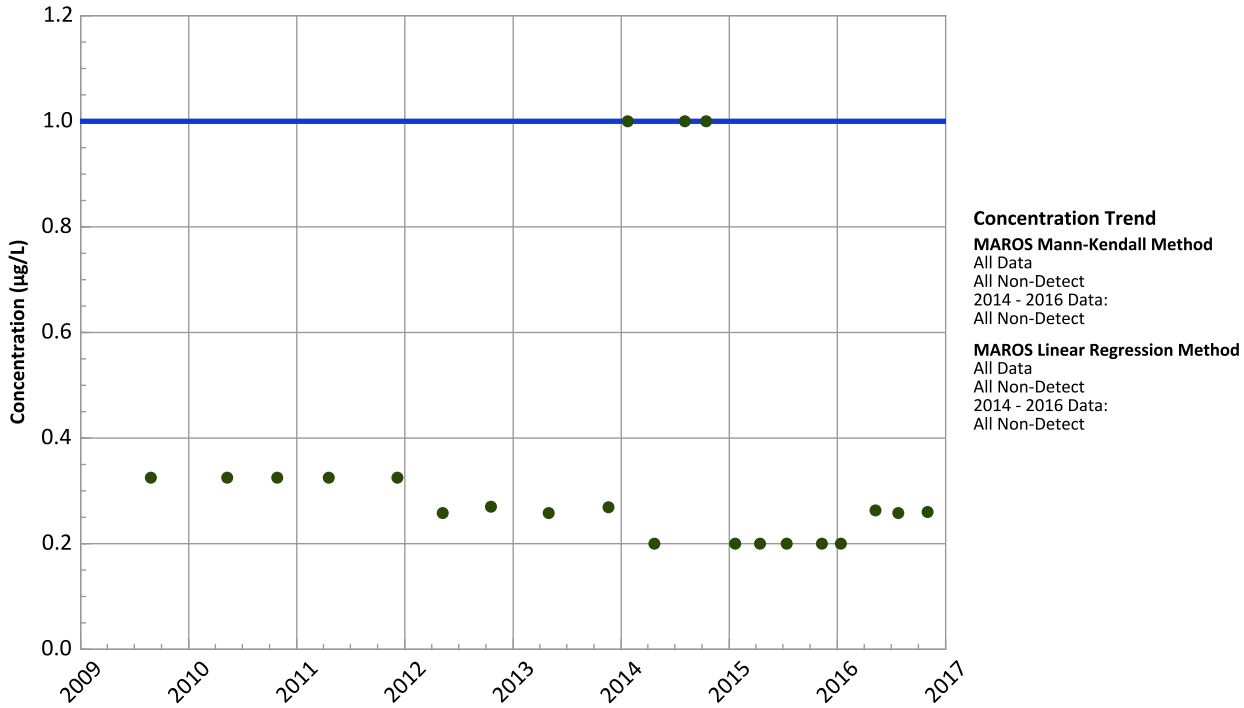
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

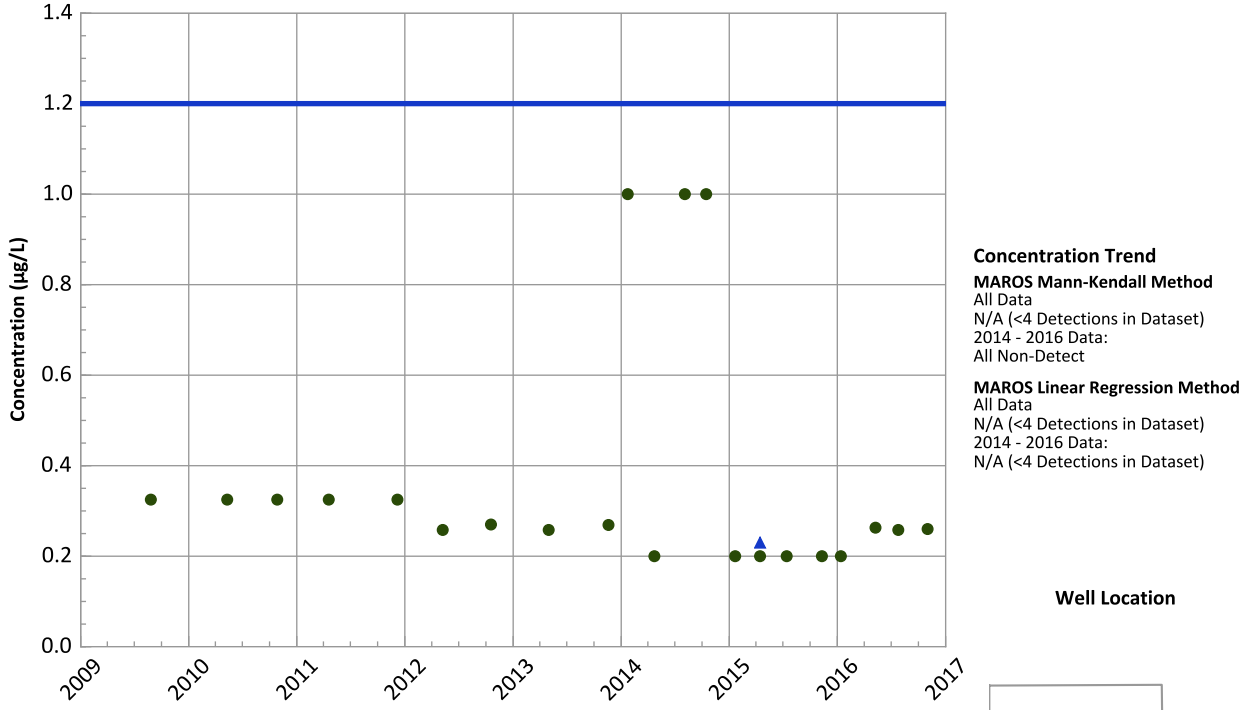


PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



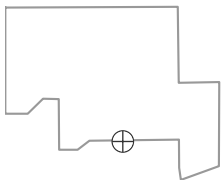
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

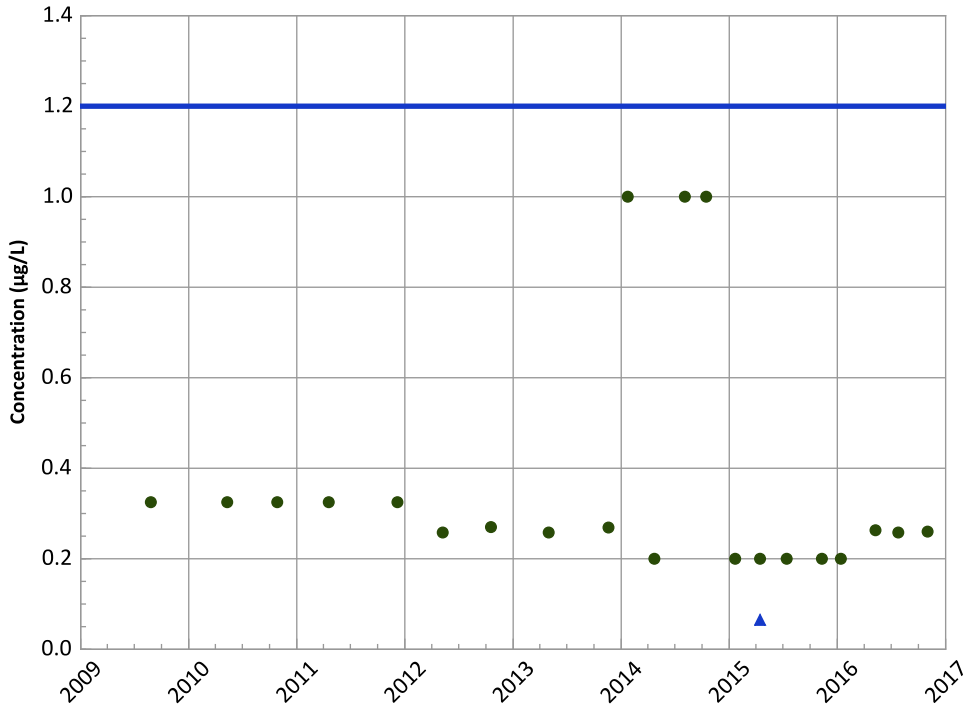
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

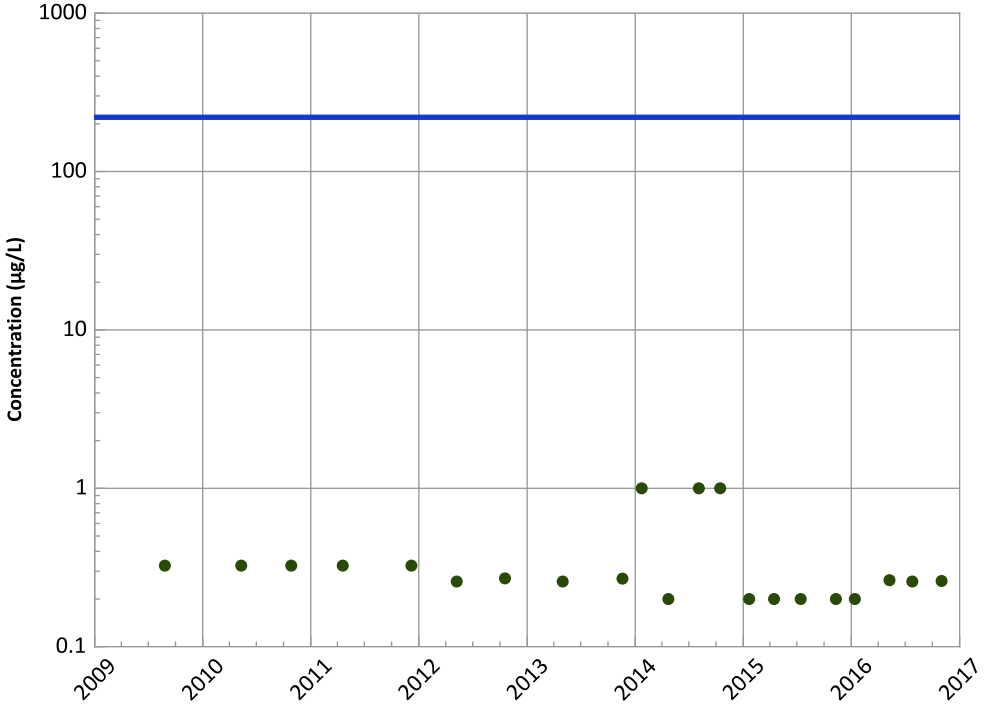


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

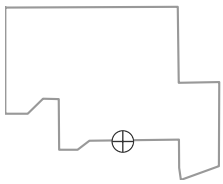
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

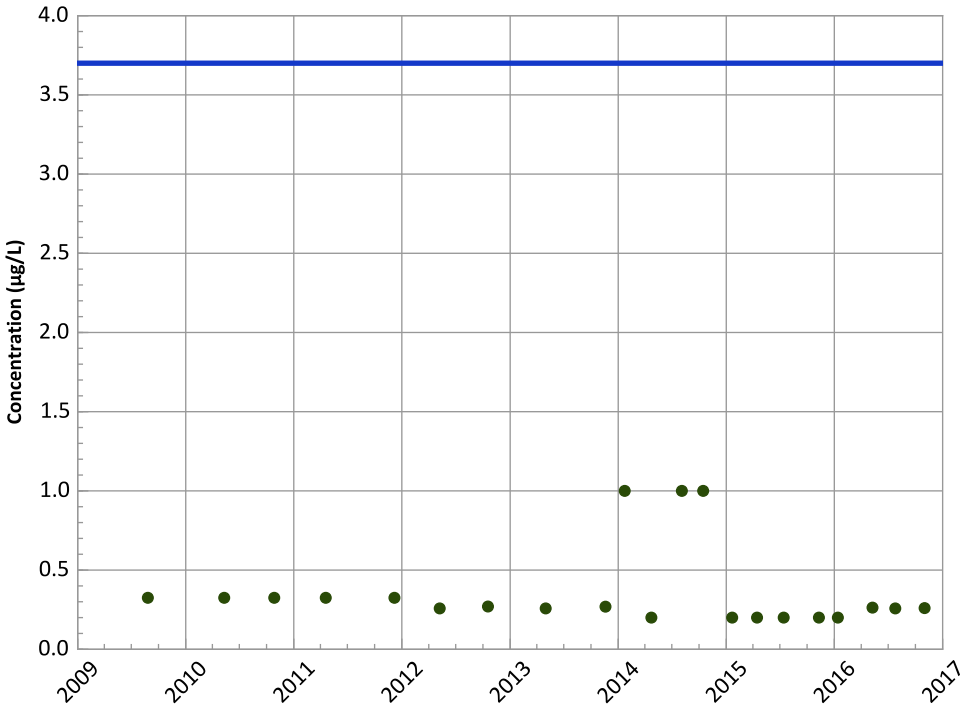
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

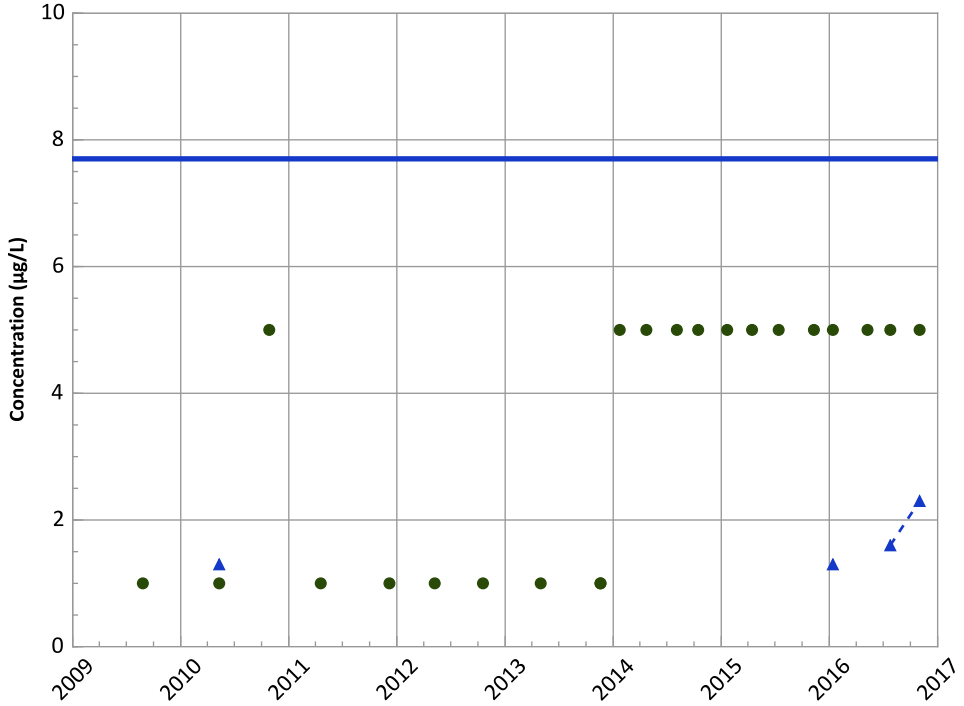


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

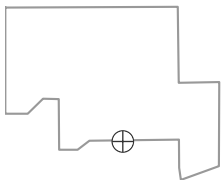
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

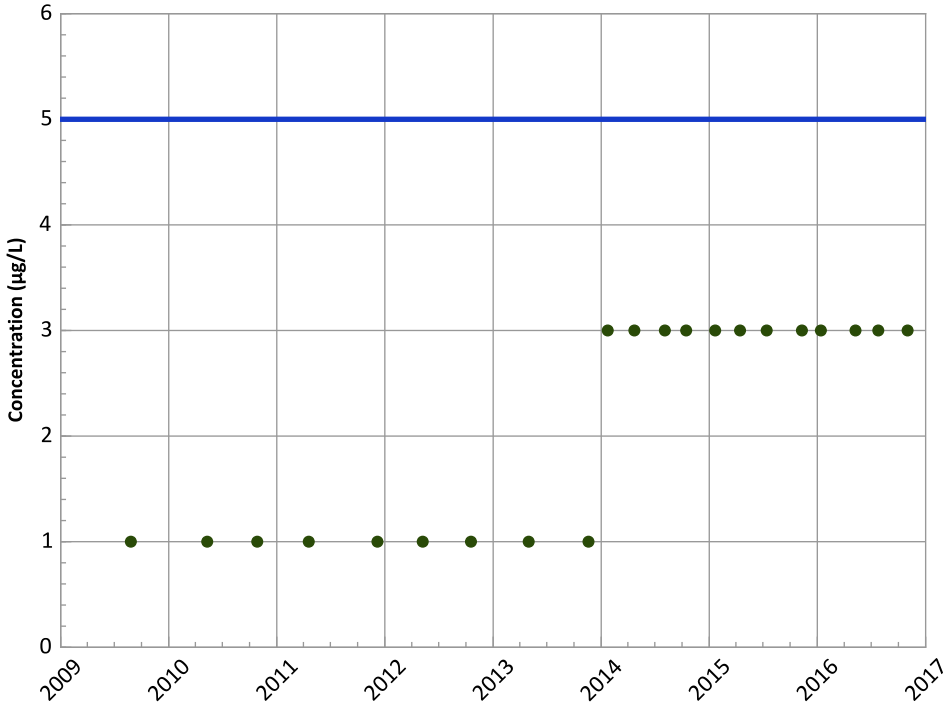
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

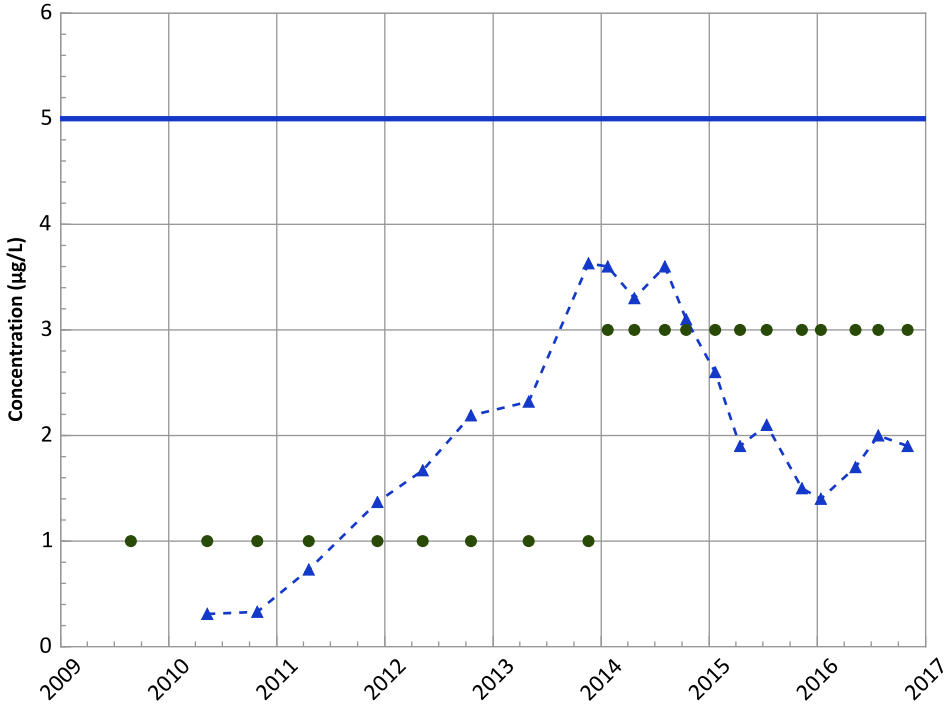


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

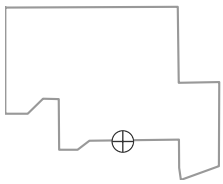
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Probably Increasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

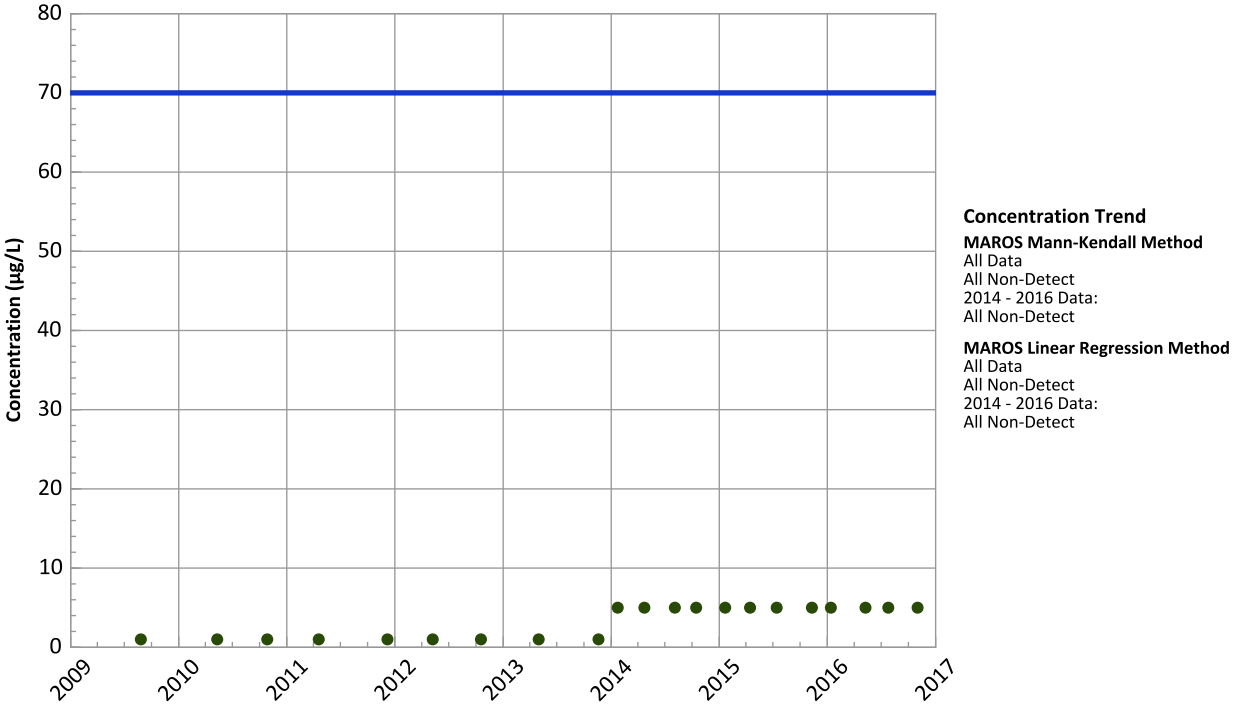
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

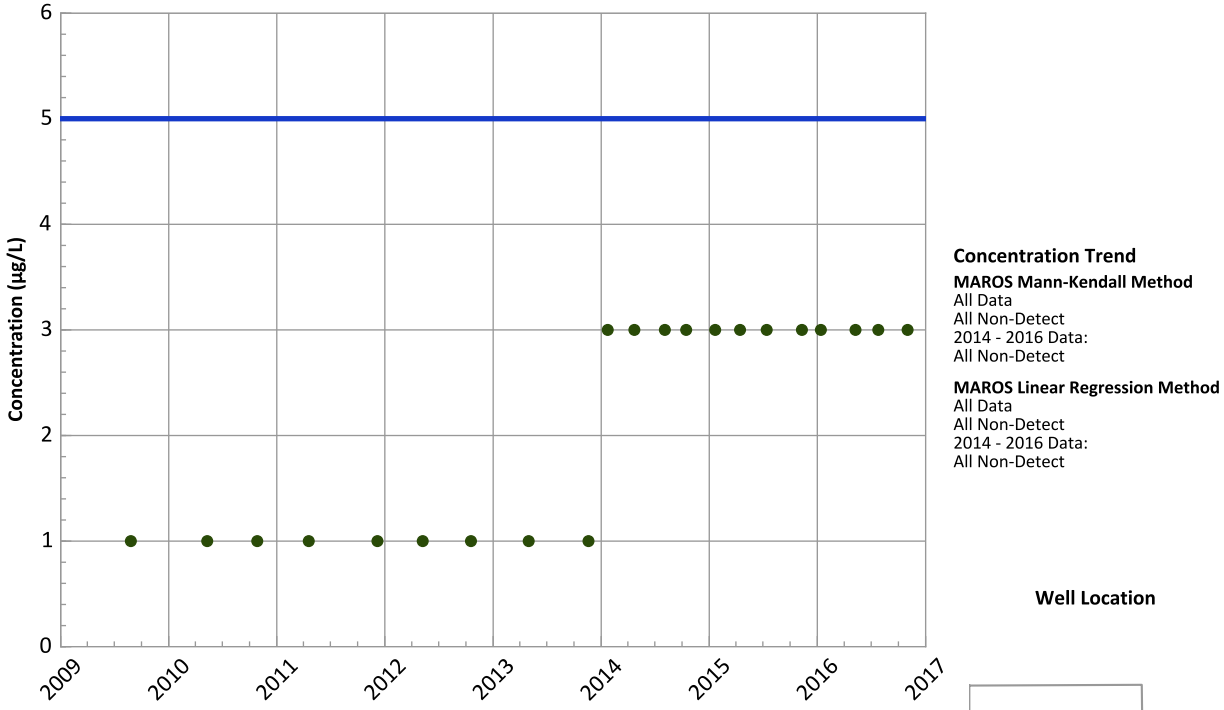


PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend



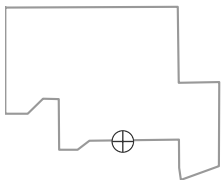
1,2-Dichloroethane Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

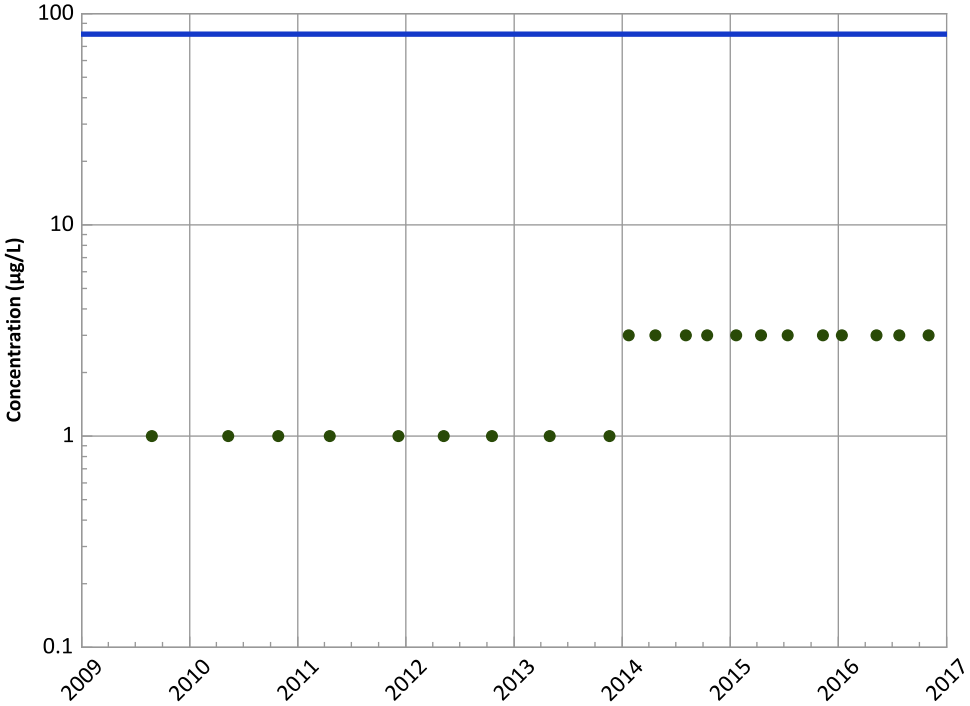
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

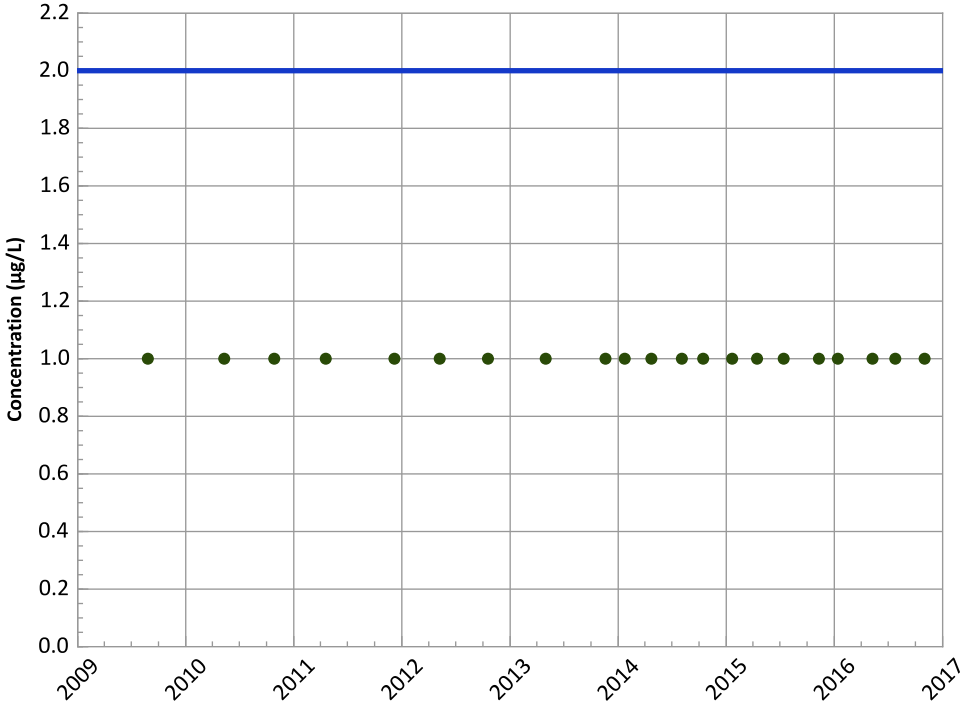


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

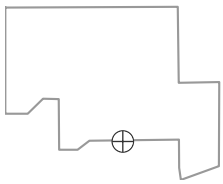
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

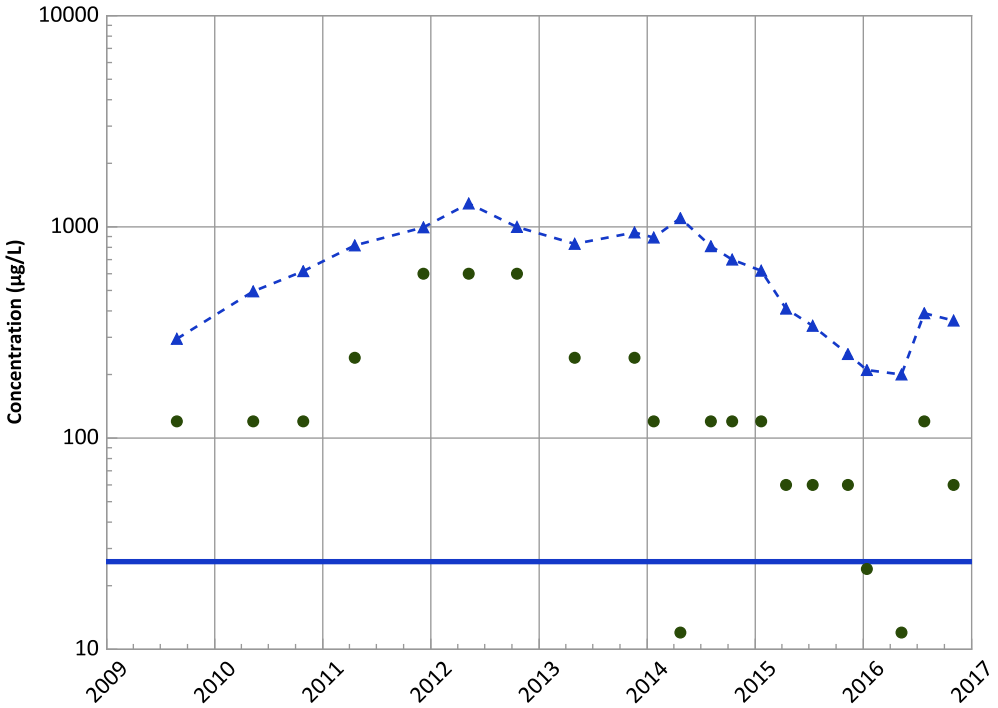
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

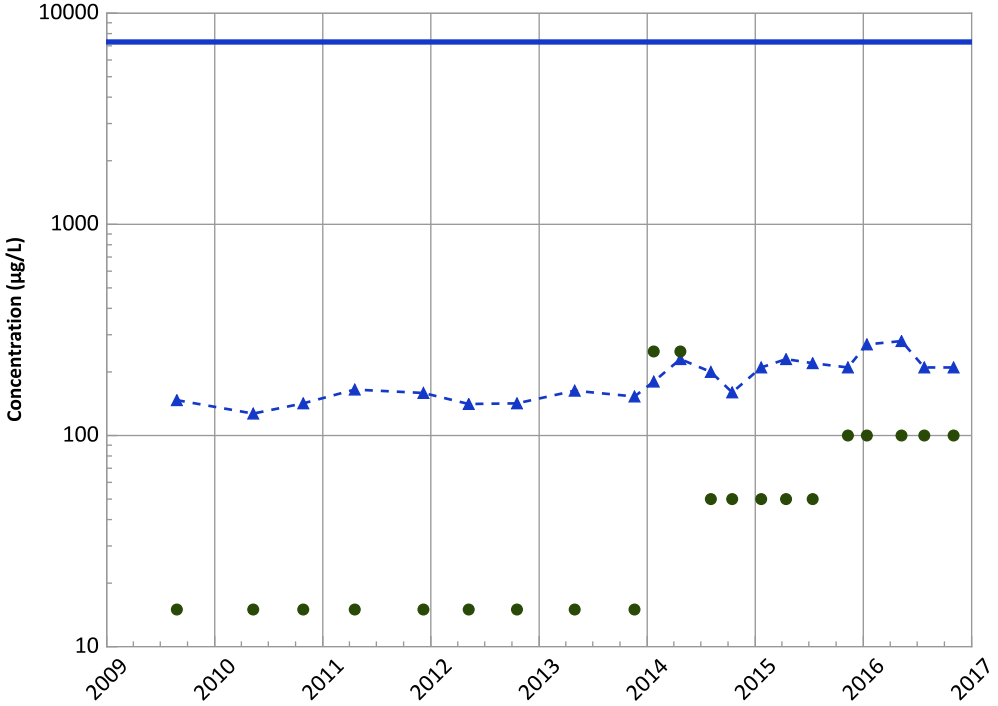


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Probably Increasing

Boron Trend



Concentration Trend

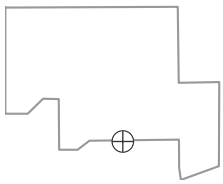
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Probably Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

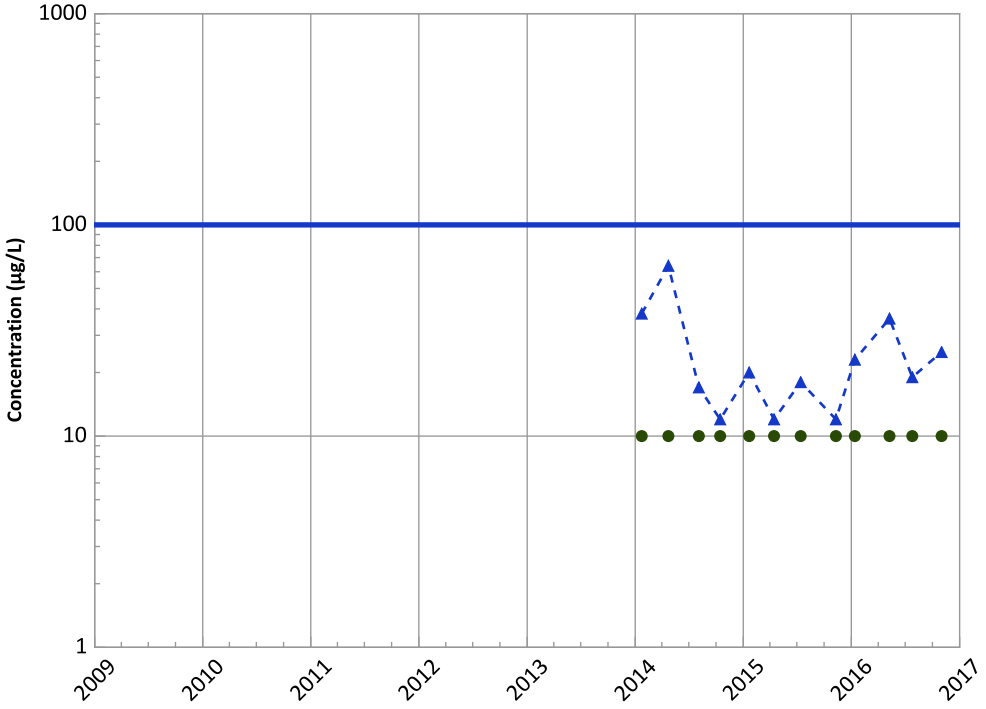
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

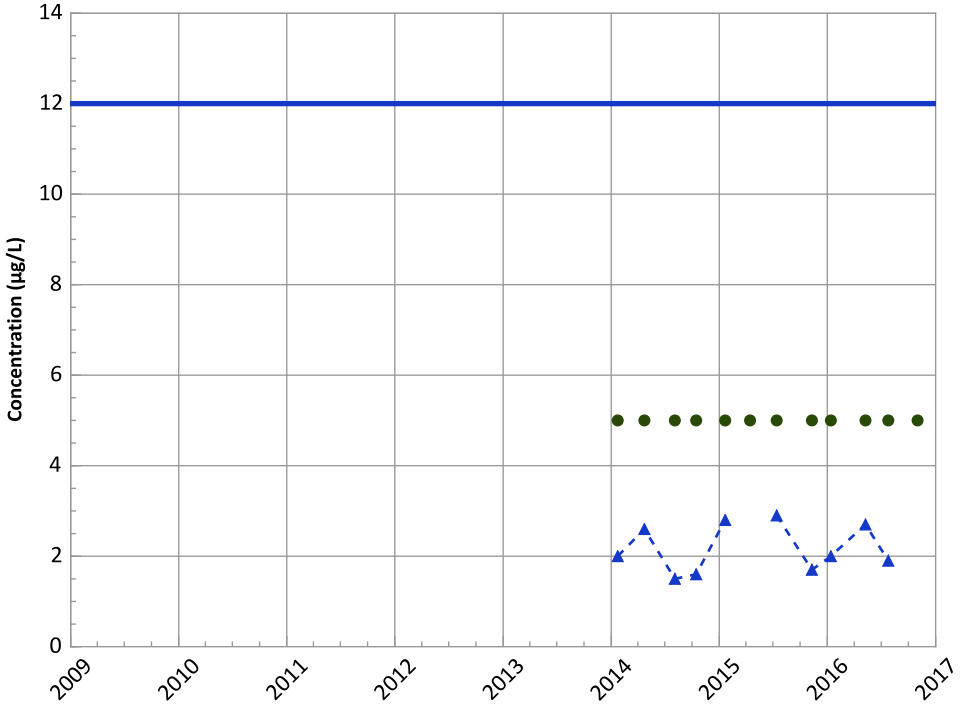


Concentration Trend

MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
Stable

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
Stable

Arsenic Trend



Concentration Trend

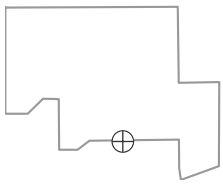
MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

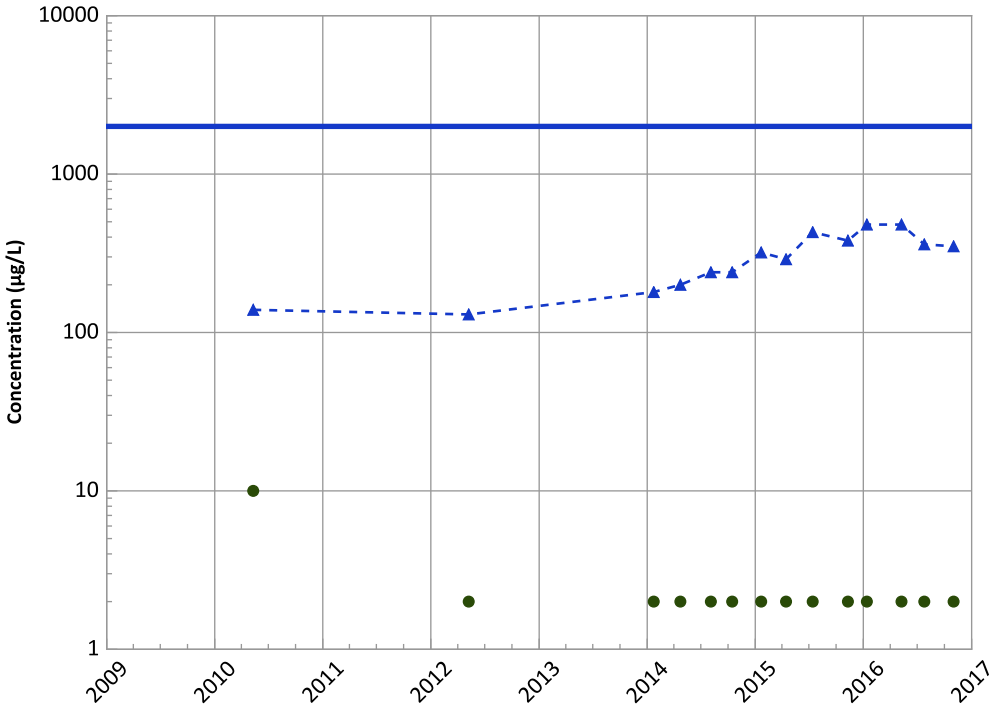
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

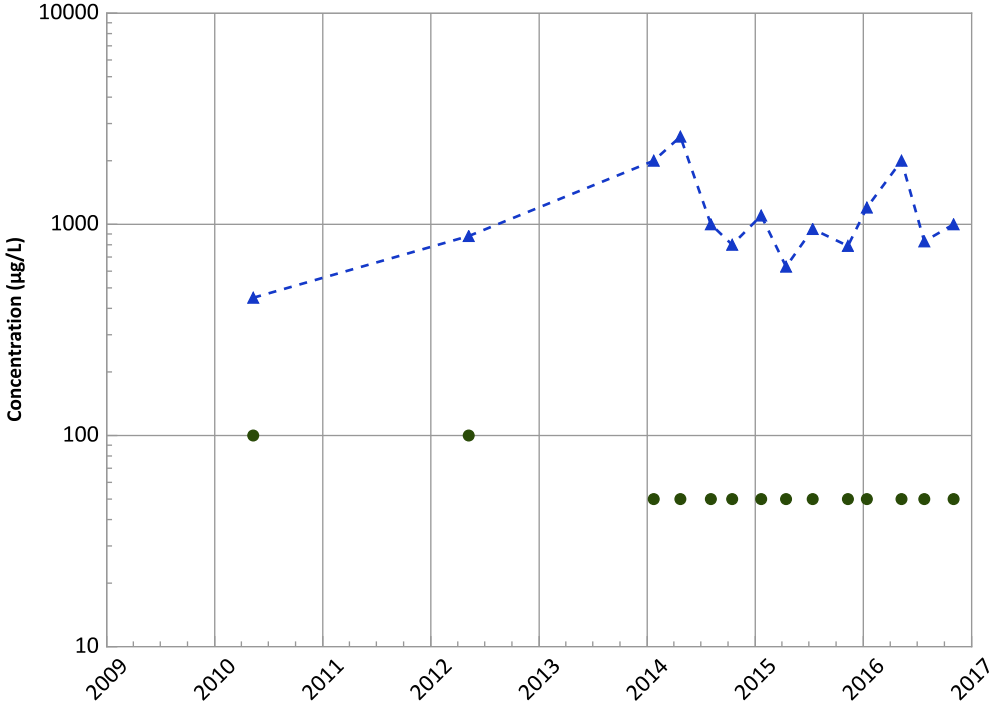


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Probably Decreasing

Iron Trend



Concentration Trend

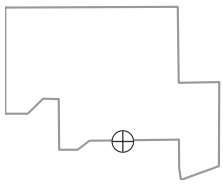
MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

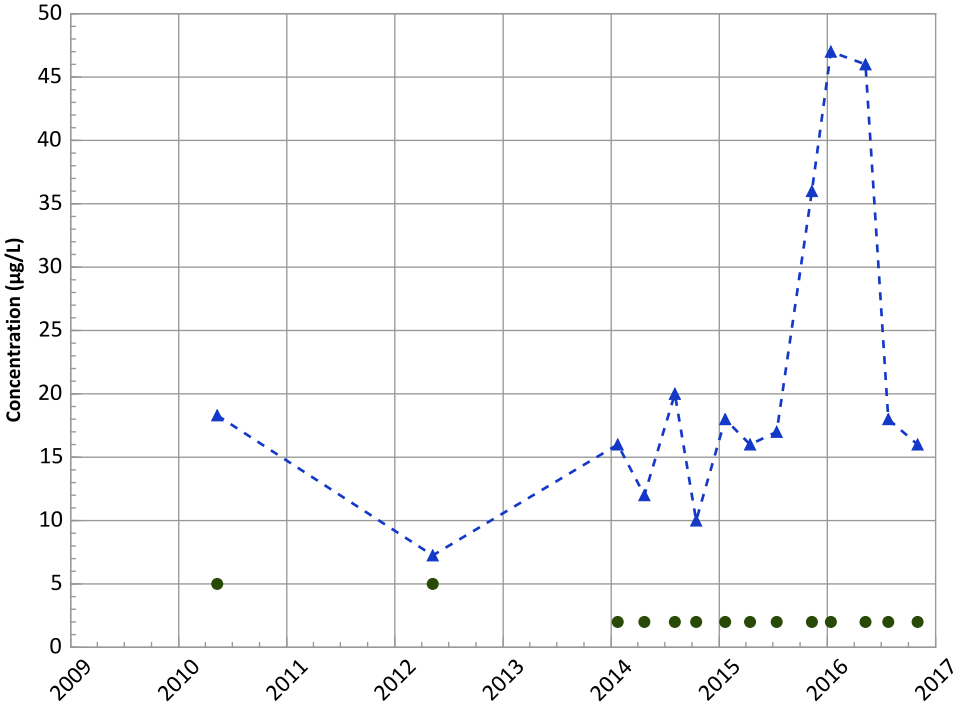
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

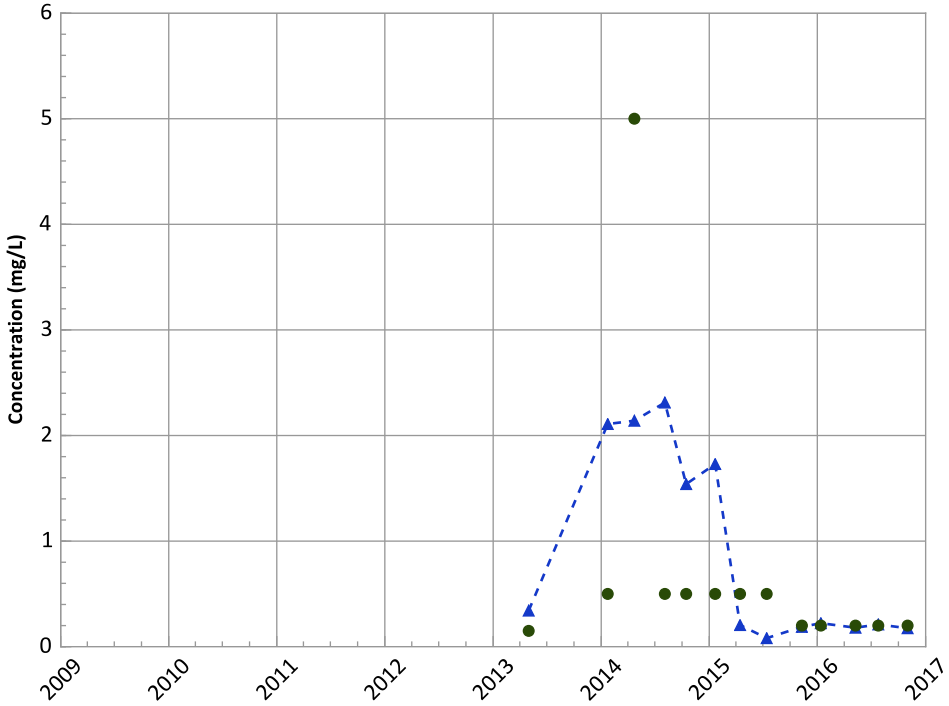


Concentration Trend

MAROS Mann-Kendall Method
All Data
Probably Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Probably Increasing
2014 - 2016 Data:
Decreasing

Total Volatile Fatty Acids Trend



Concentration Trend

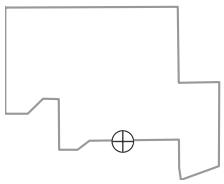
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

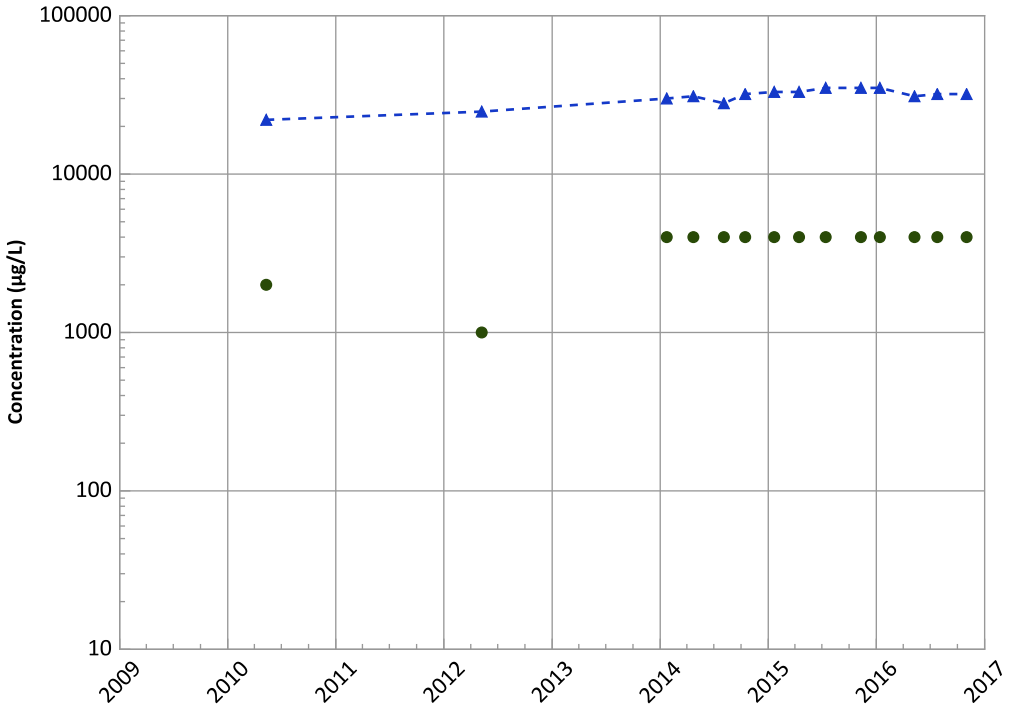
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloride (as Cl) Trend

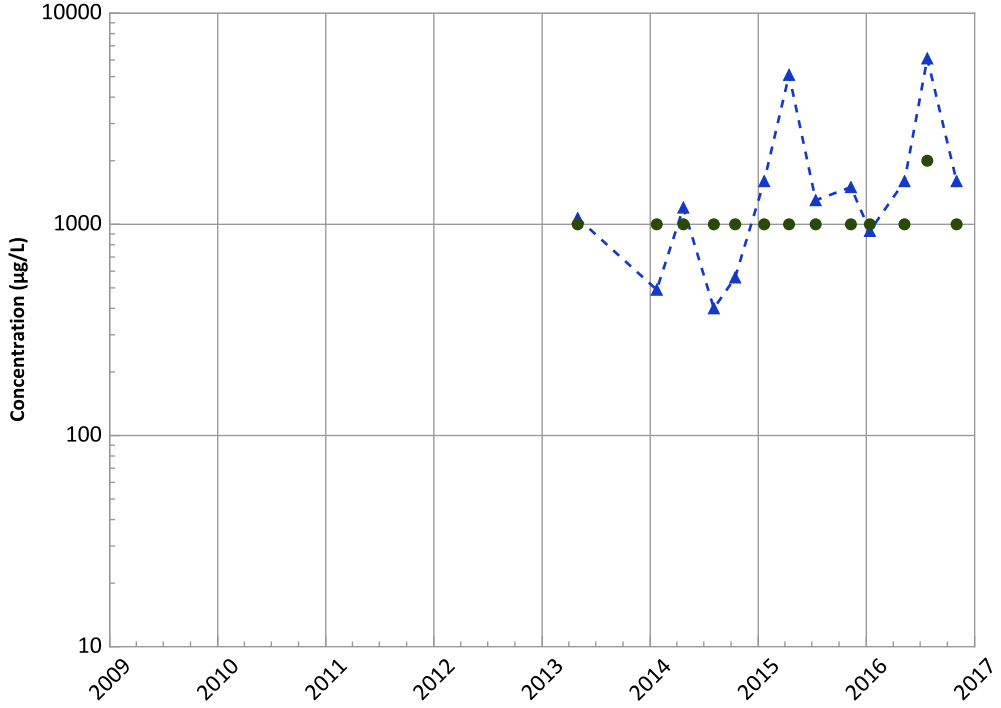


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Stable

Total Organic Carbon Trend



Concentration Trend

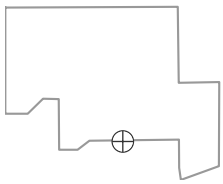
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

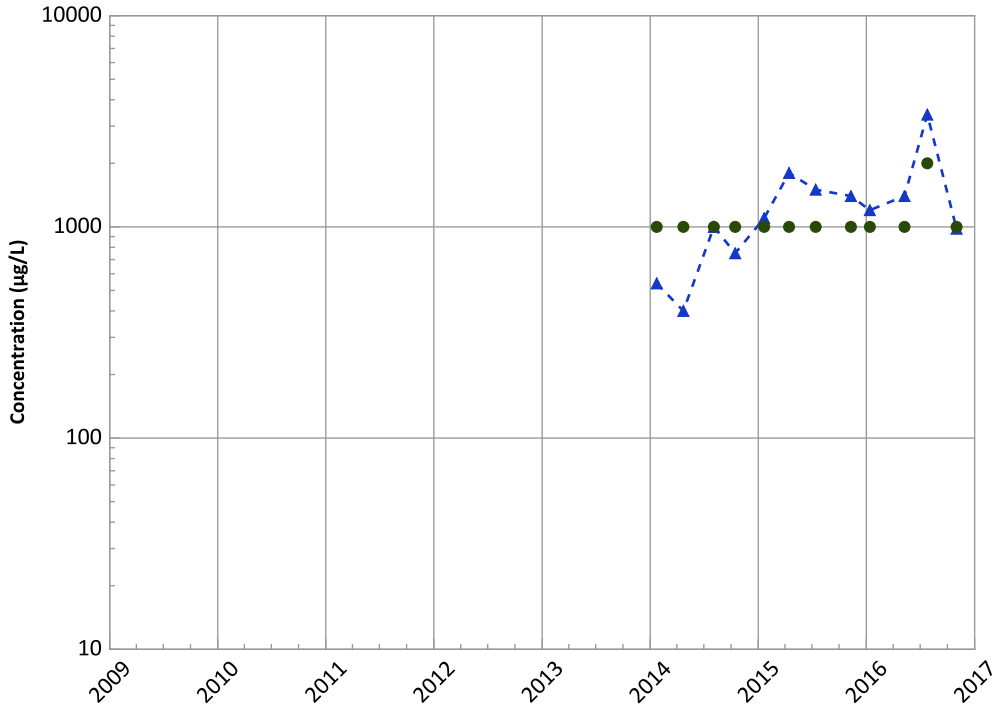
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend

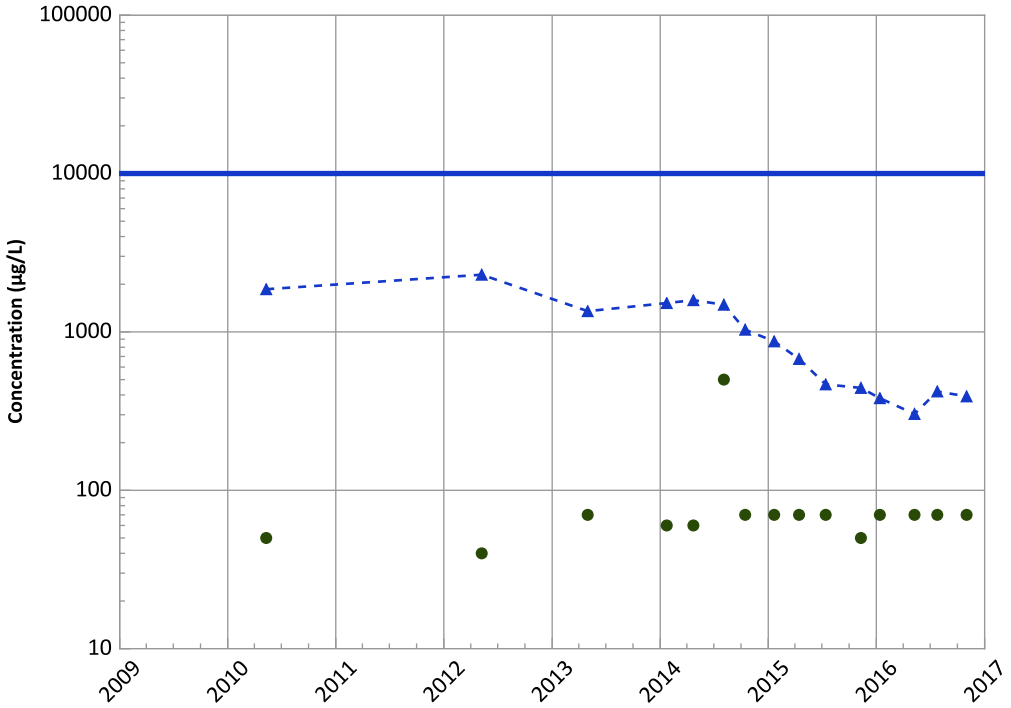


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Stable

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
No Trend

Nitrate as N Trend



Concentration Trend

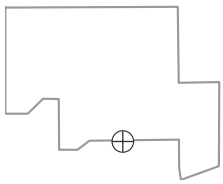
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

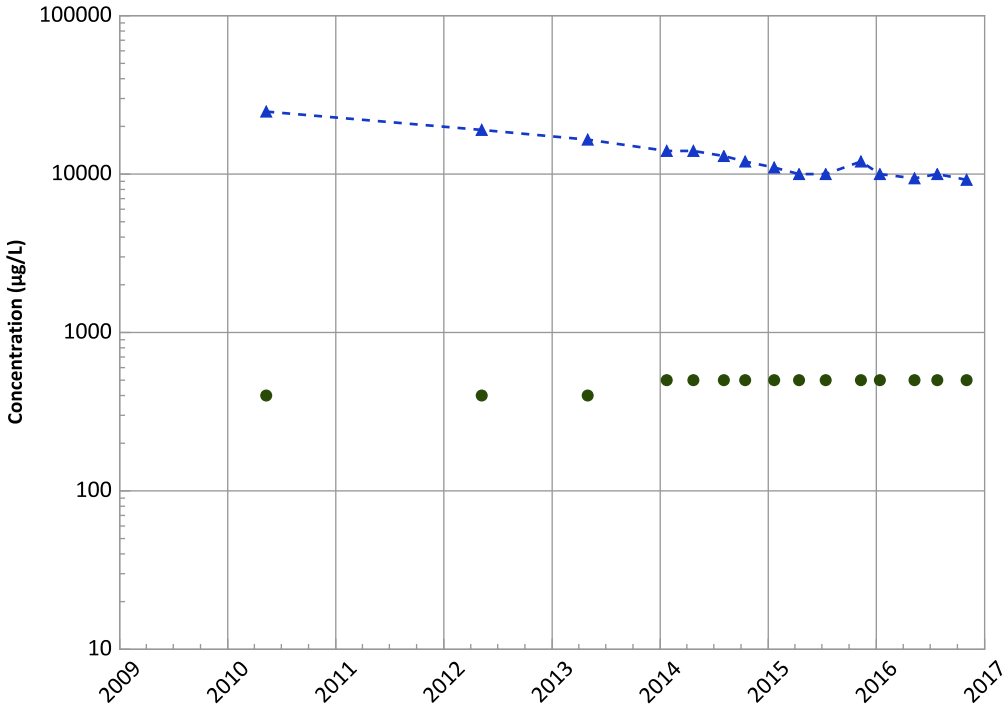
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend

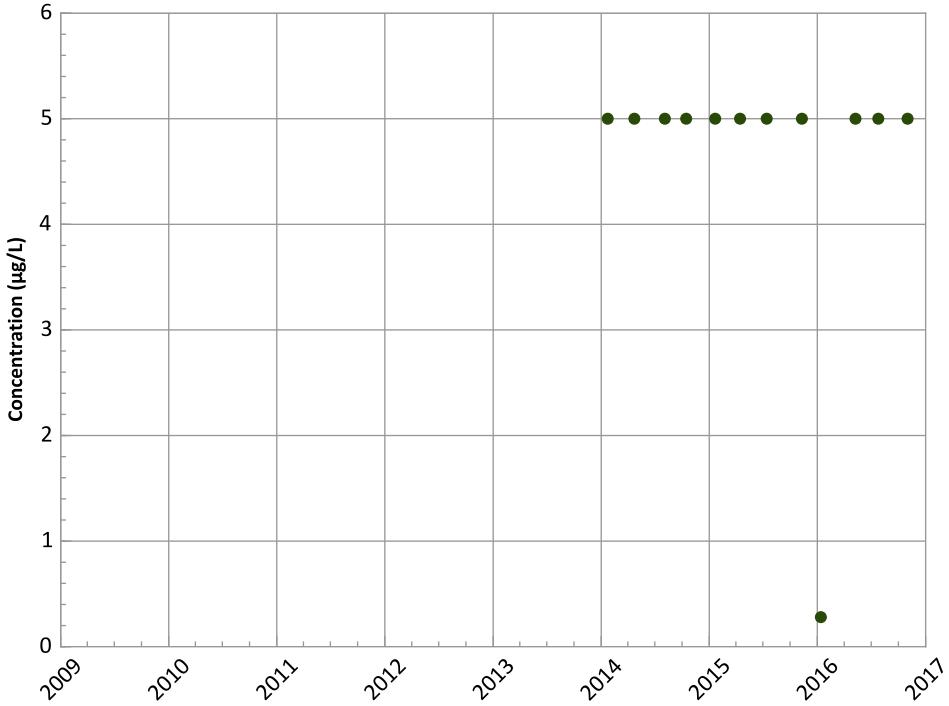


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Stable

Ethene (Ethylene) Trend



Concentration Trend

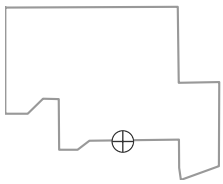
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

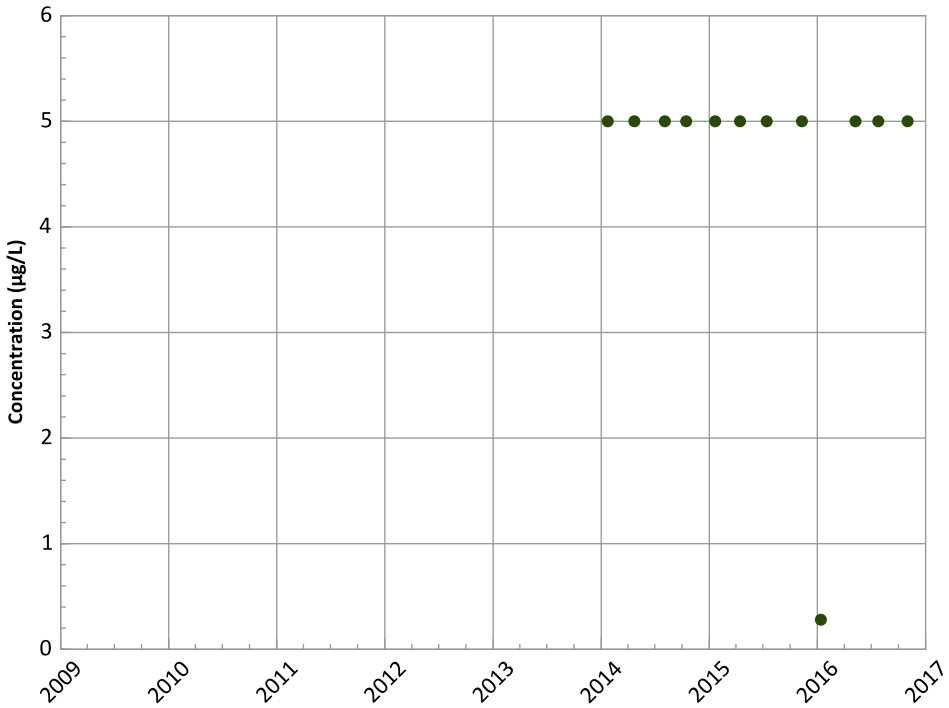
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethane Trend

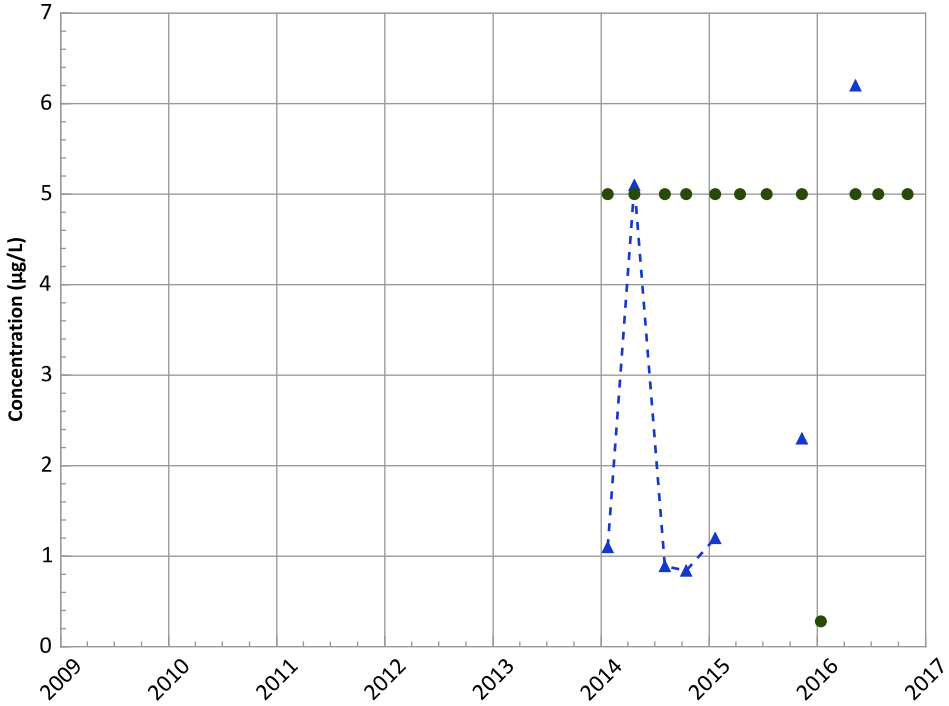


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Methane Trend



Concentration Trend

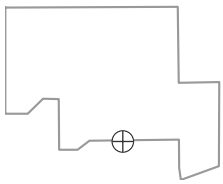
MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Increasing

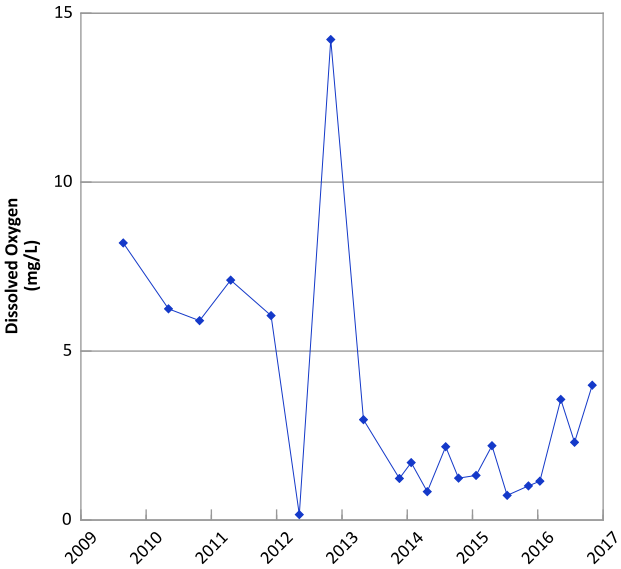
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

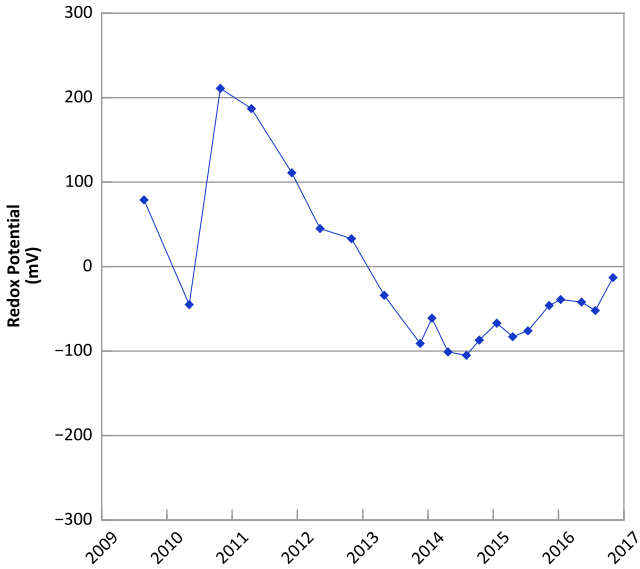
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

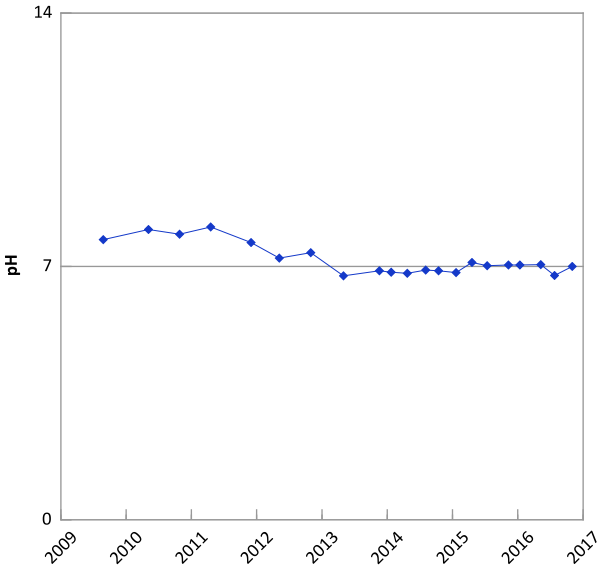
Well Location

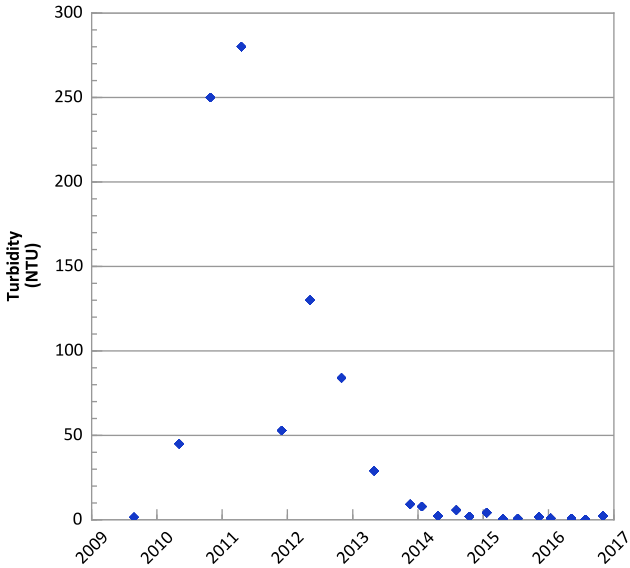


PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



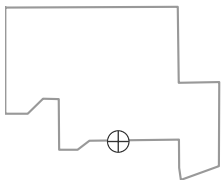






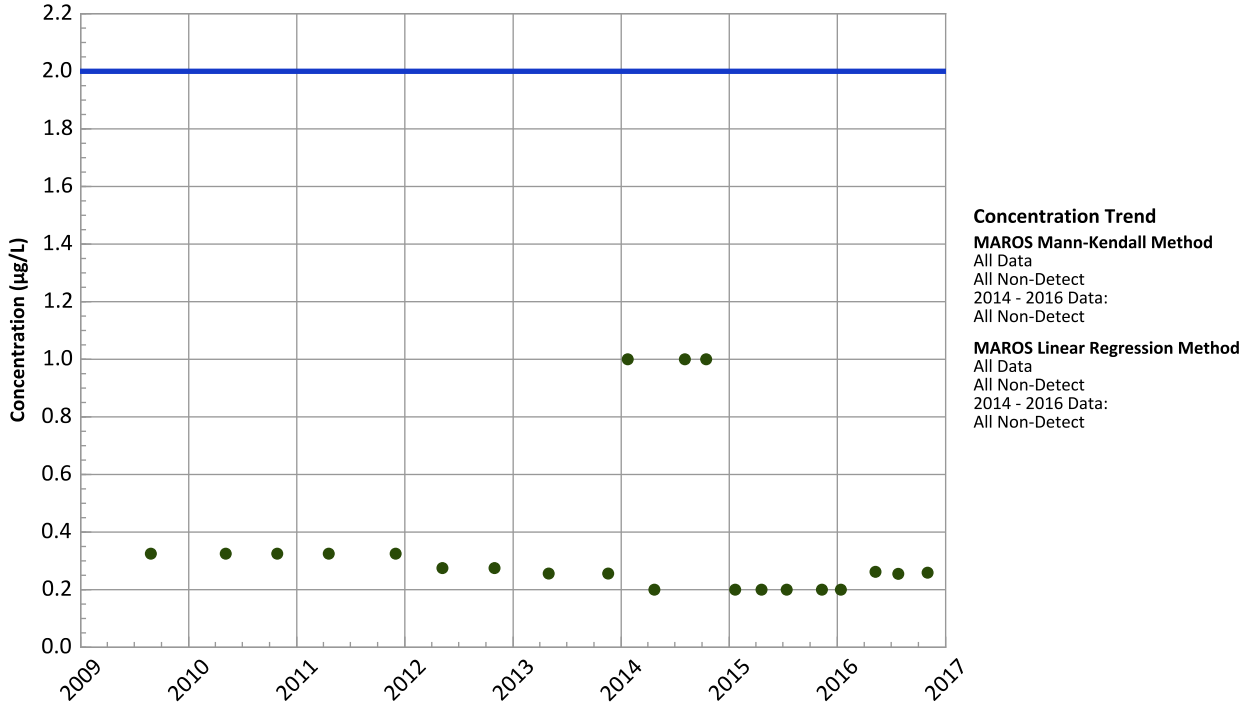
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

Well Location

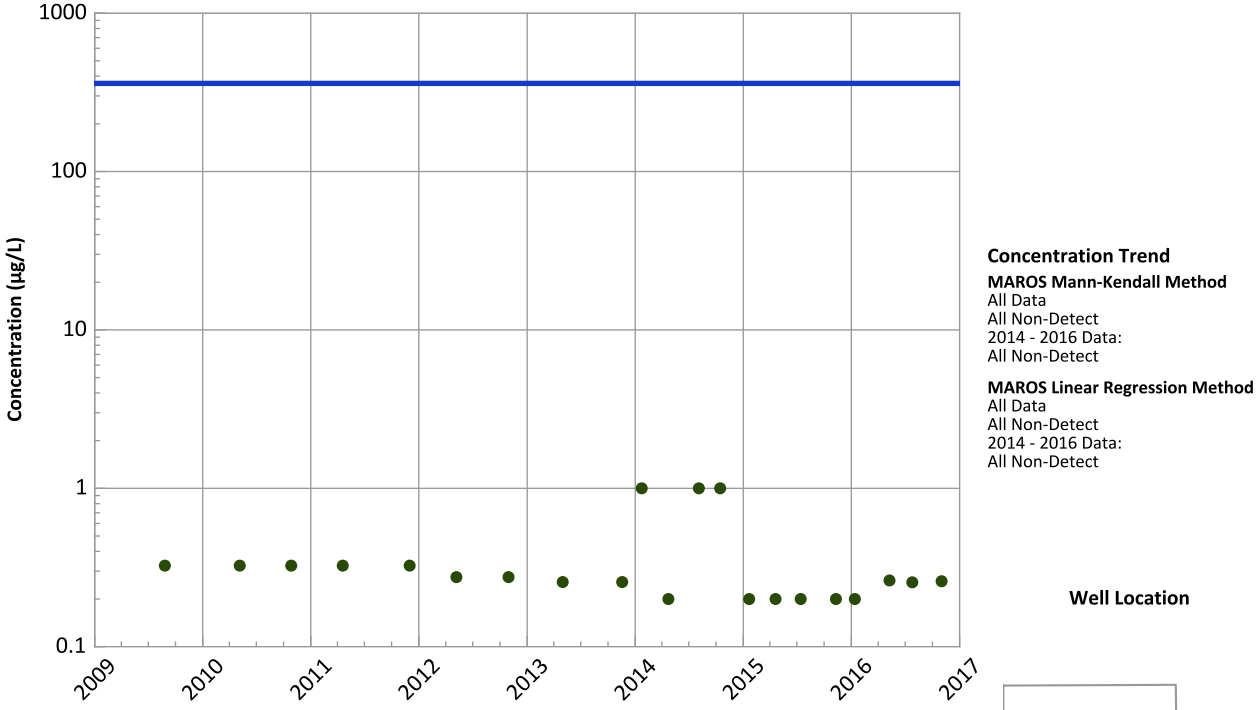


PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



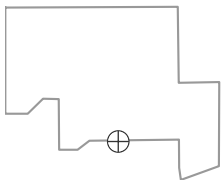
HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

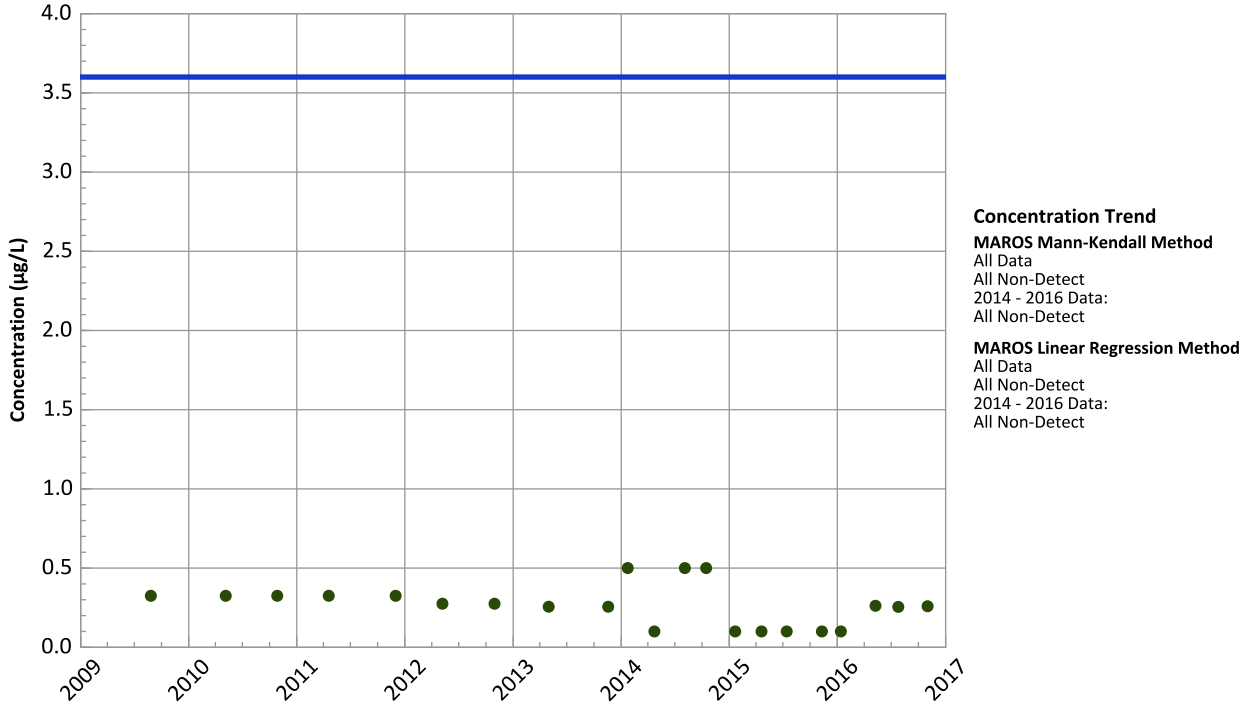
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

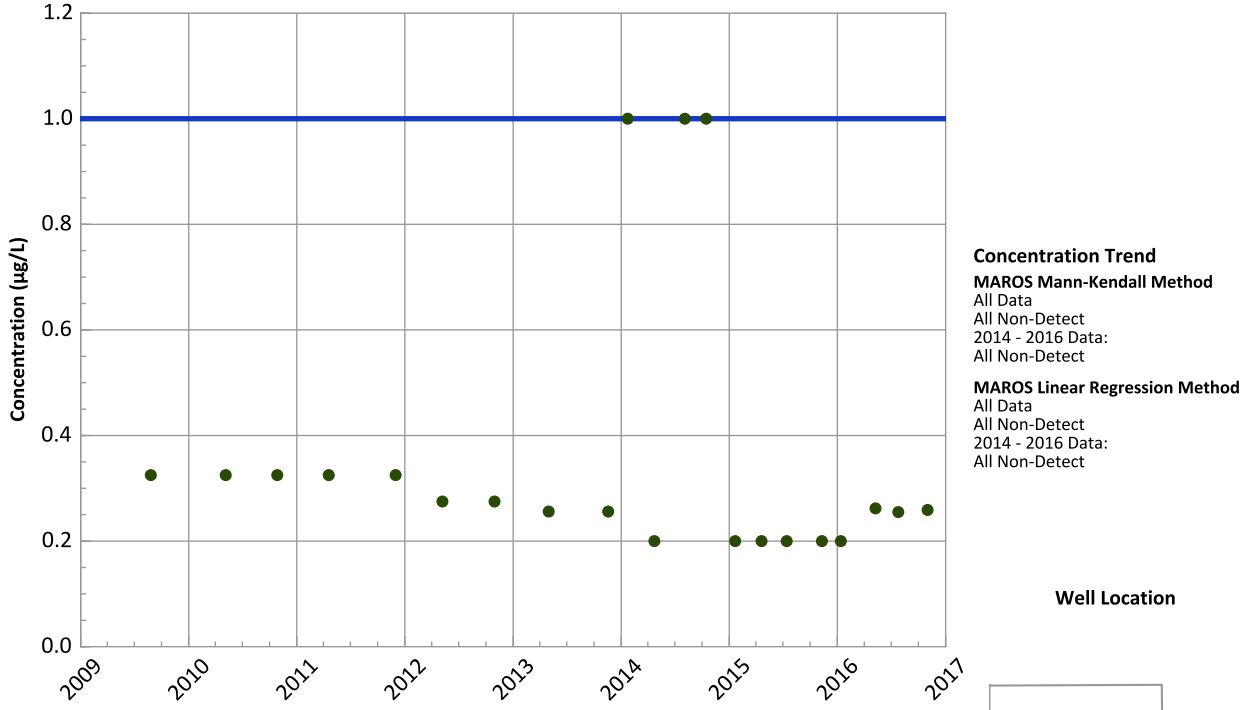


PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



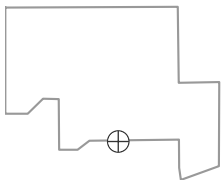
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

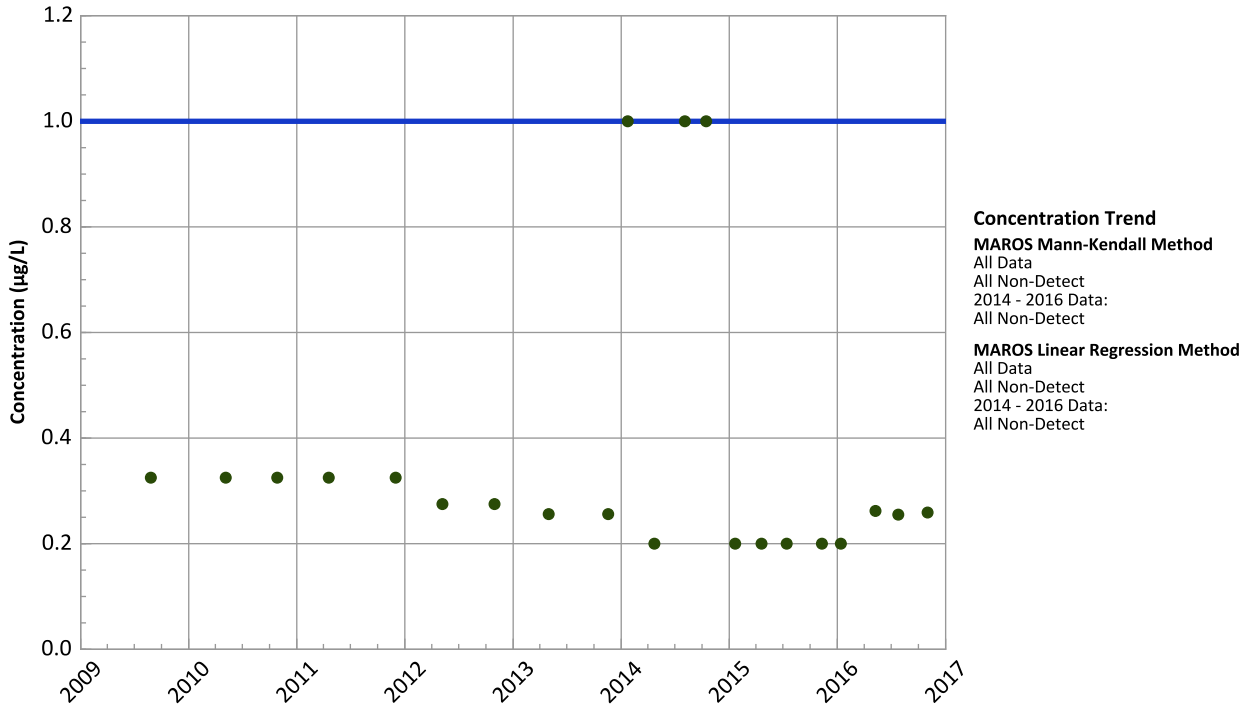
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

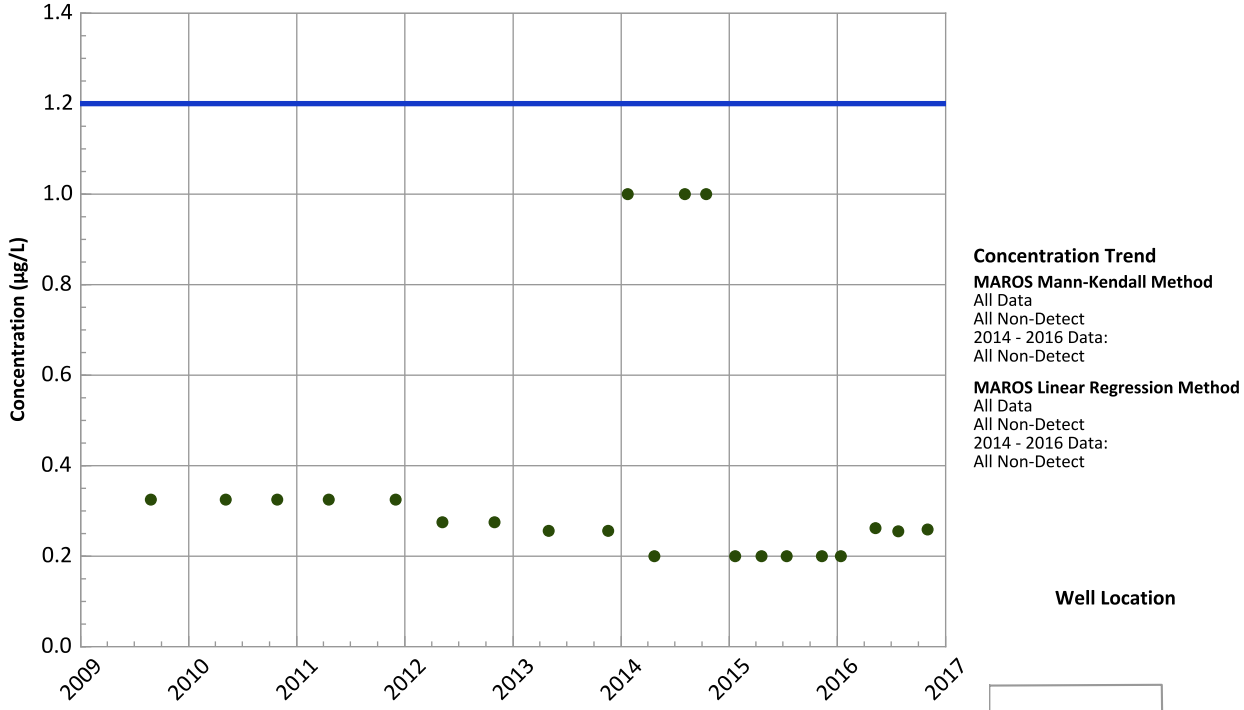


PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



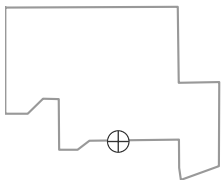
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

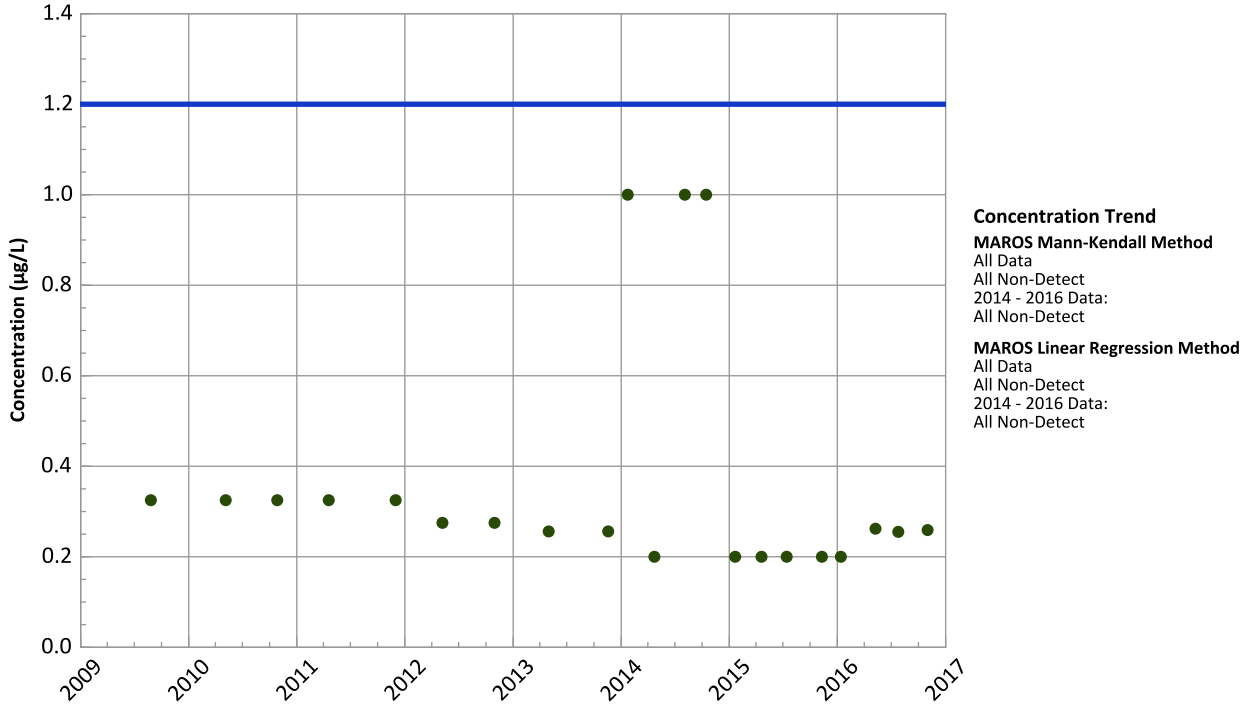
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

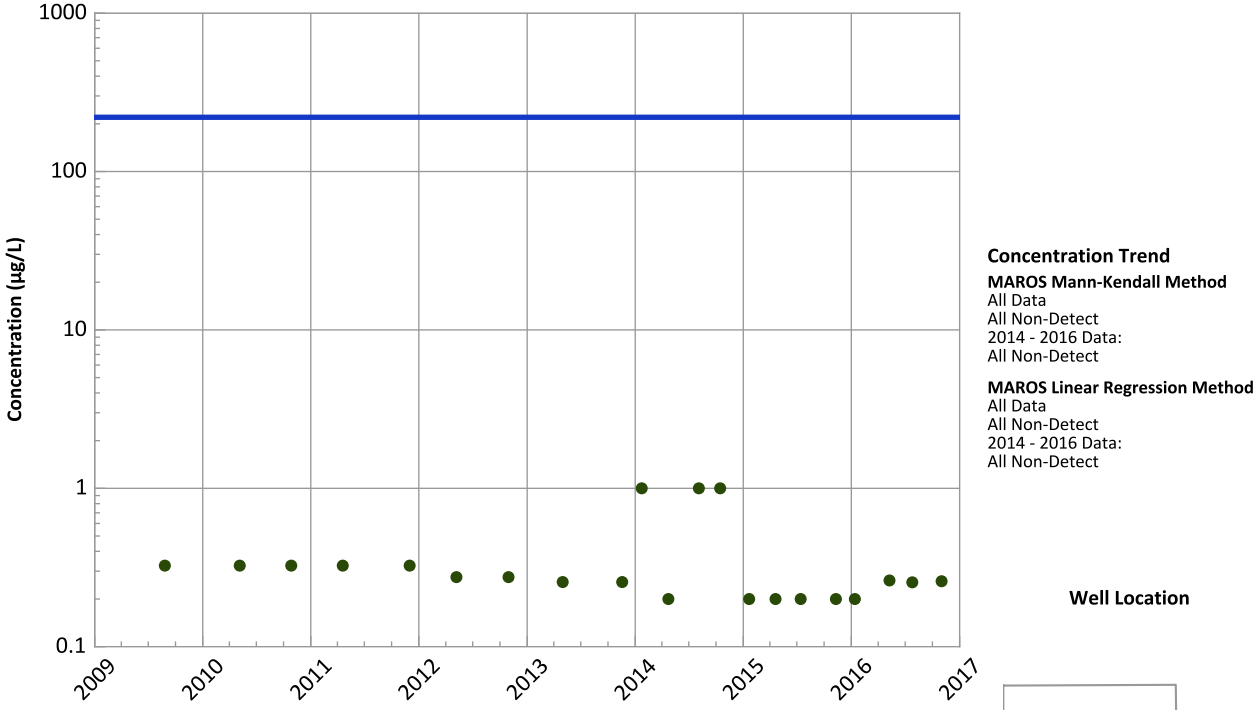


PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



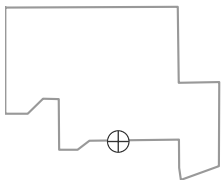
1,3,5-Trinitrobenzene Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

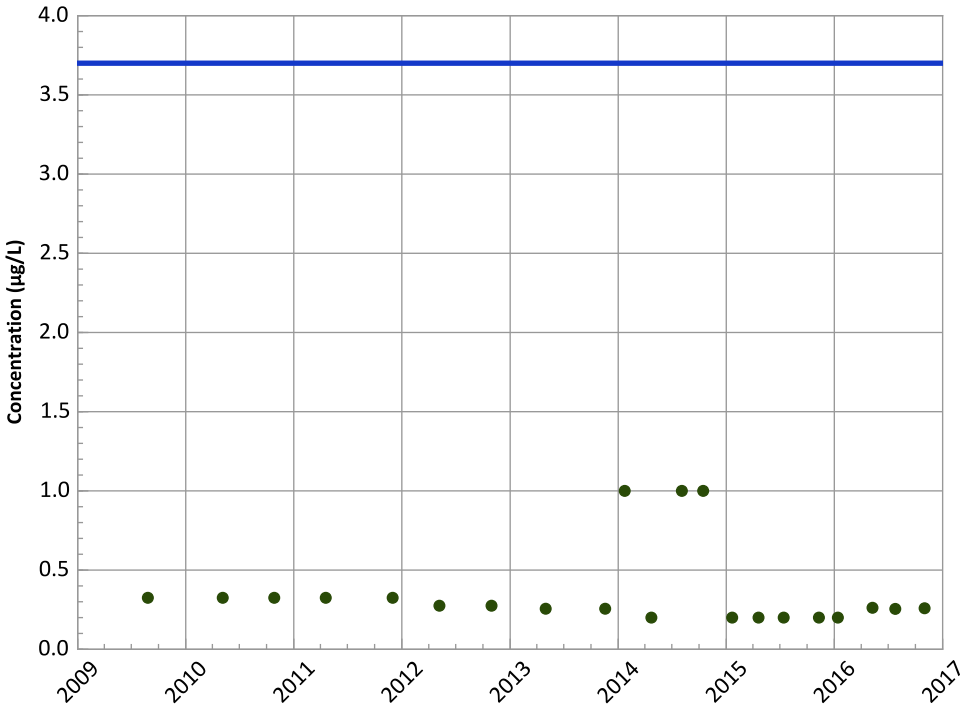
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

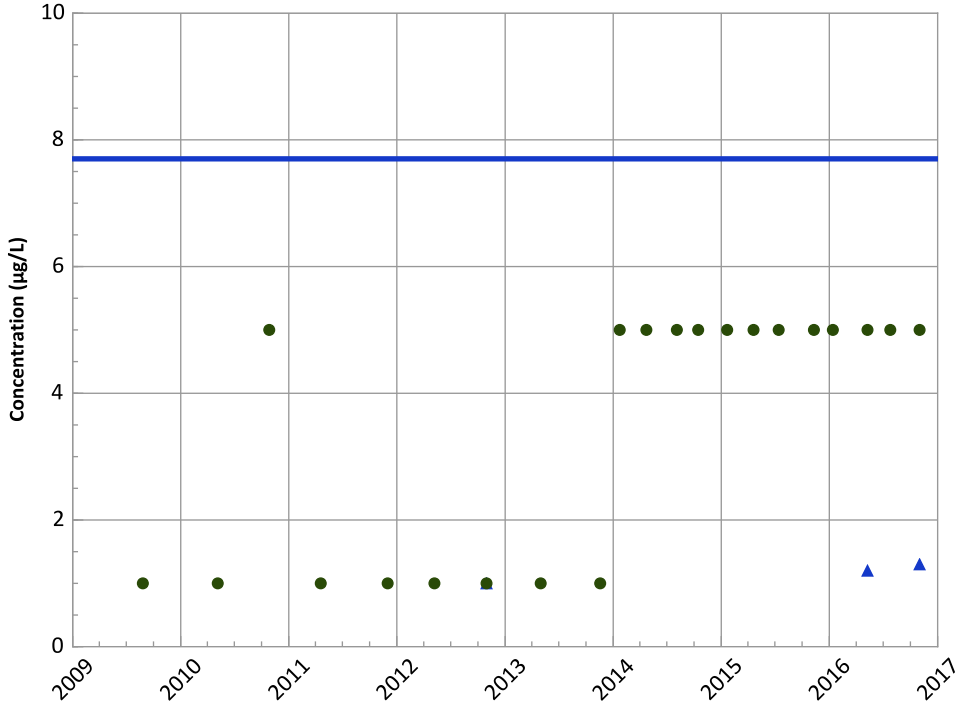


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

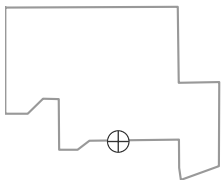
MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

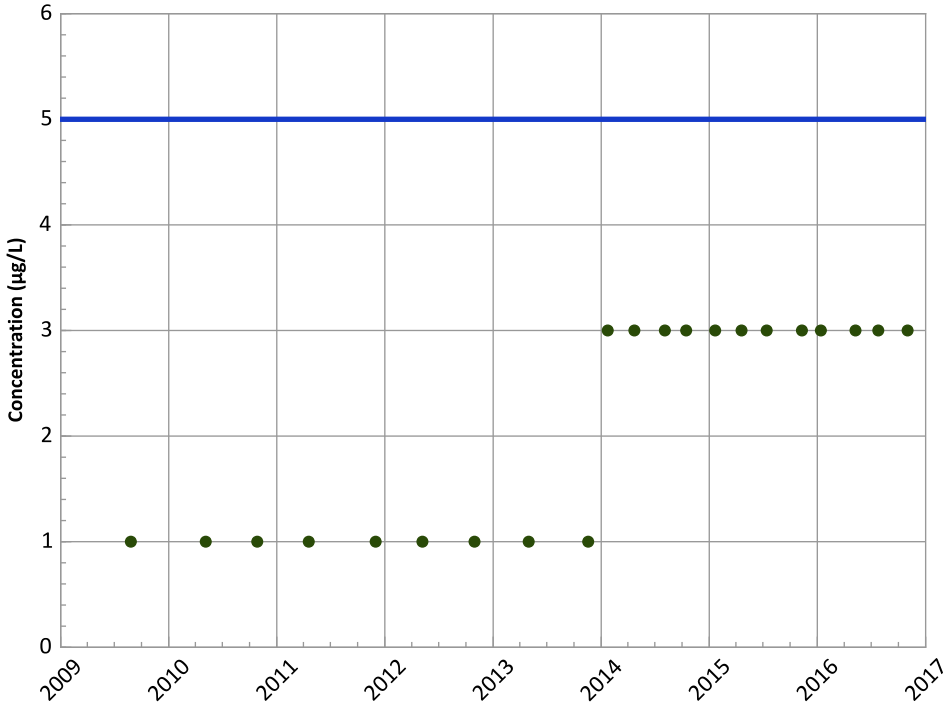
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

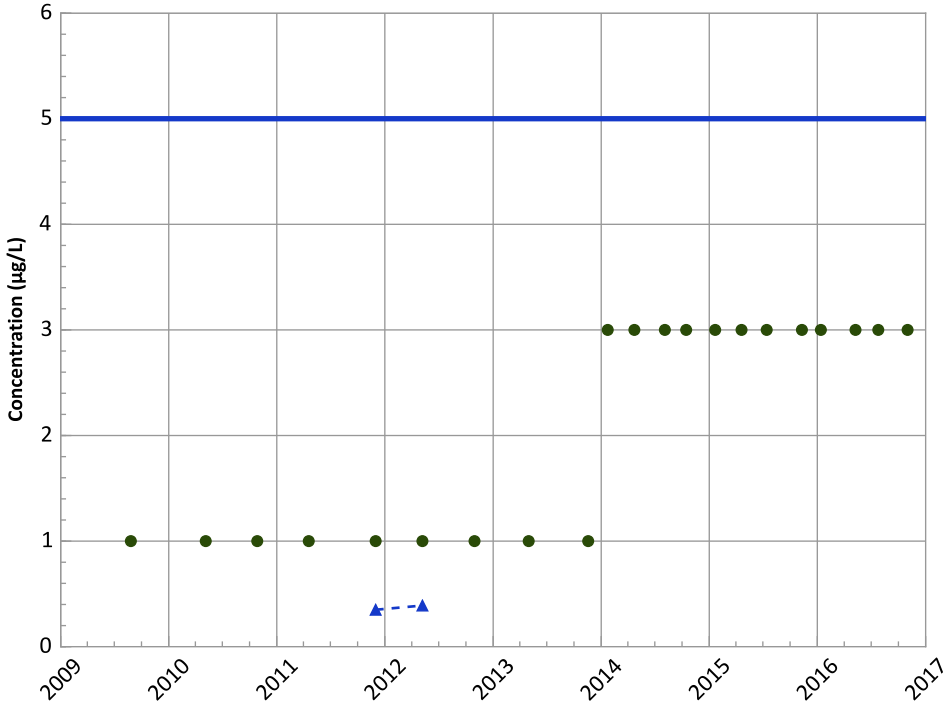


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

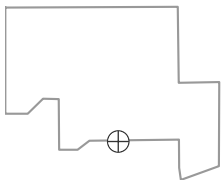
MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

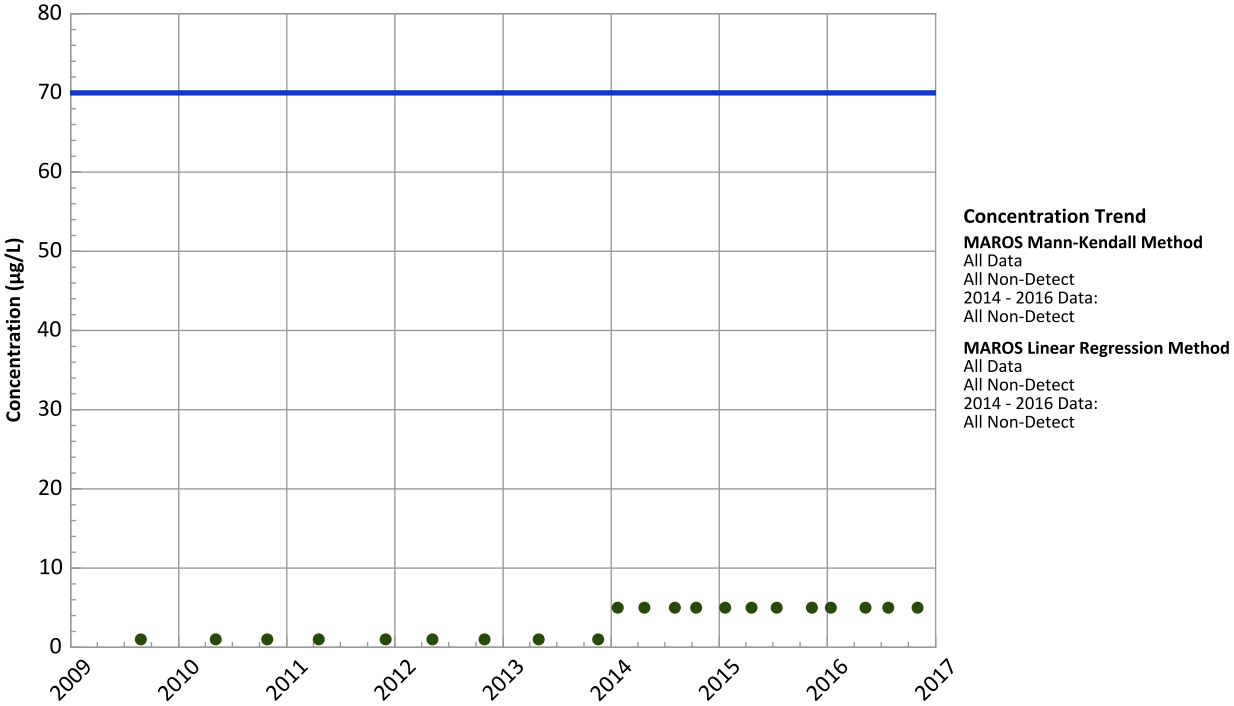
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

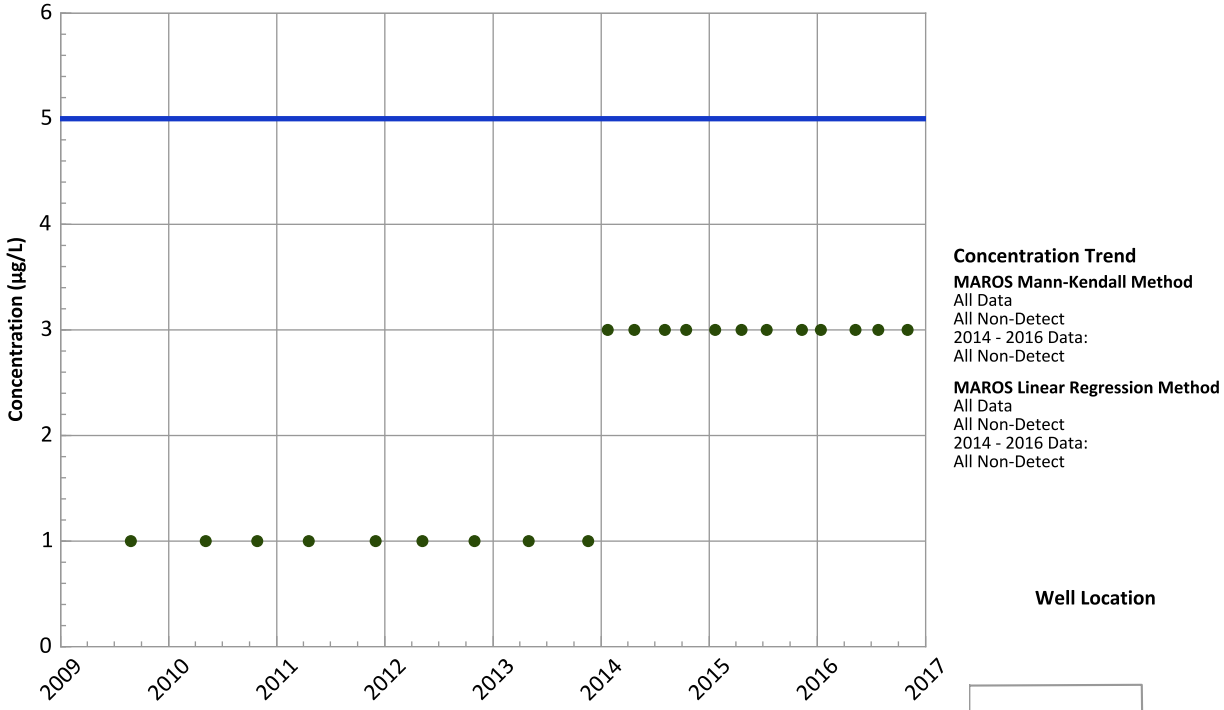


PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend



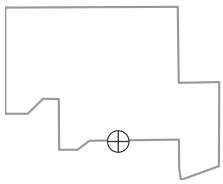
1,2-Dichloroethane Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

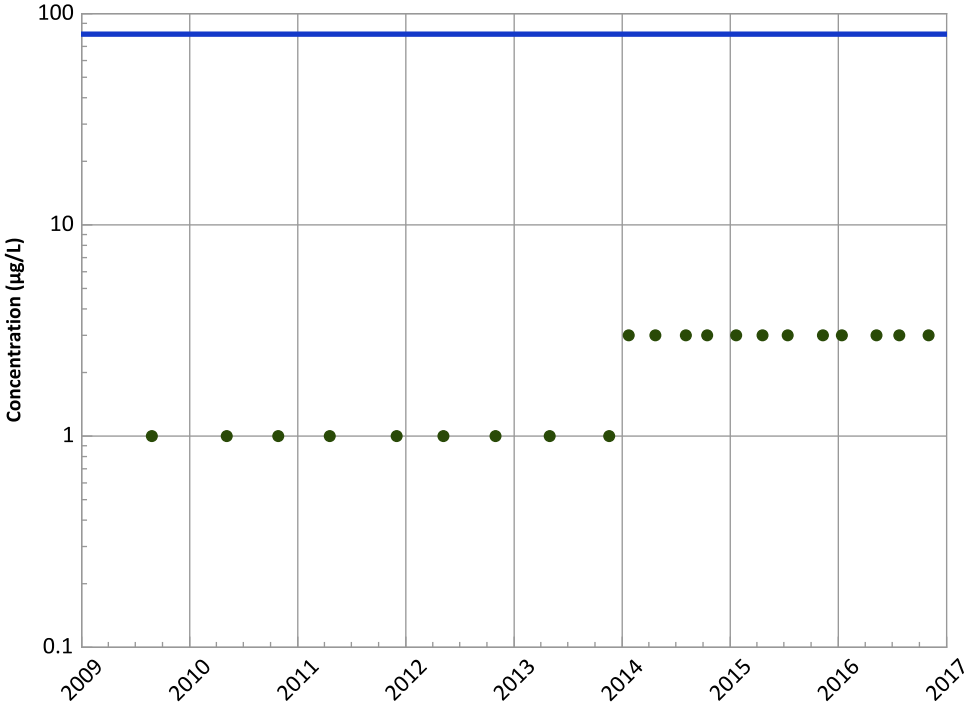
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

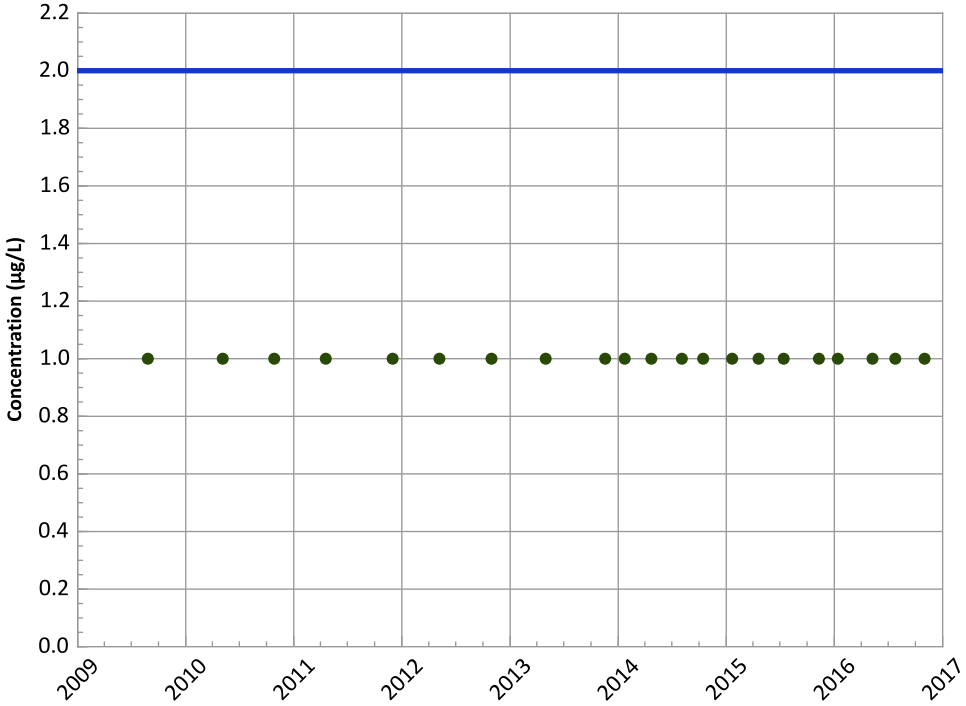


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

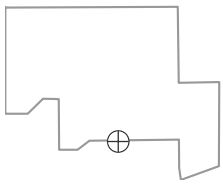
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

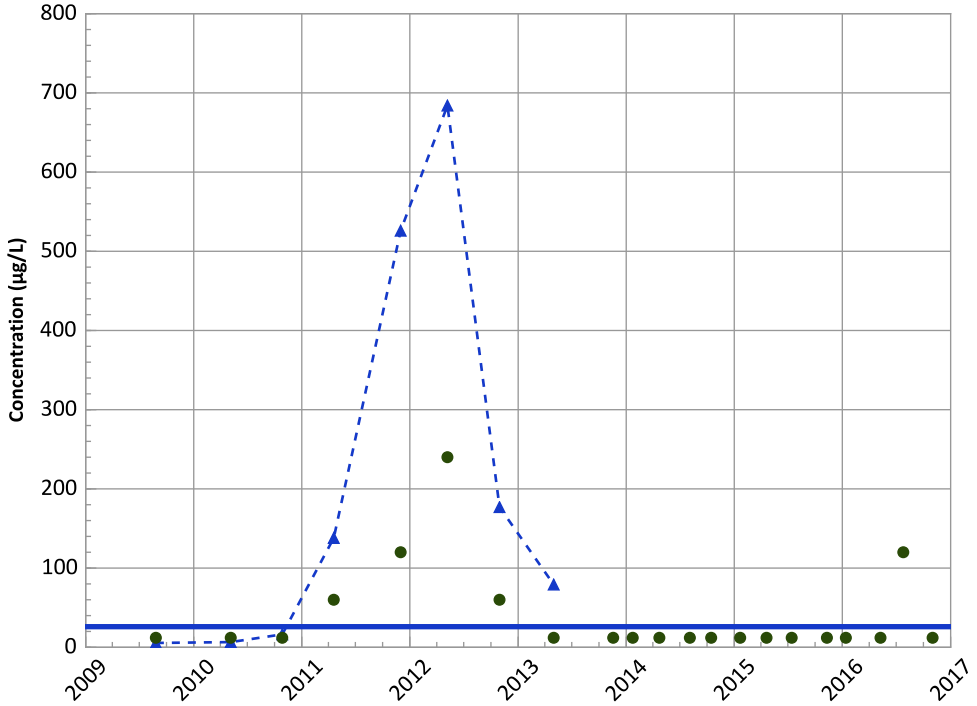
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

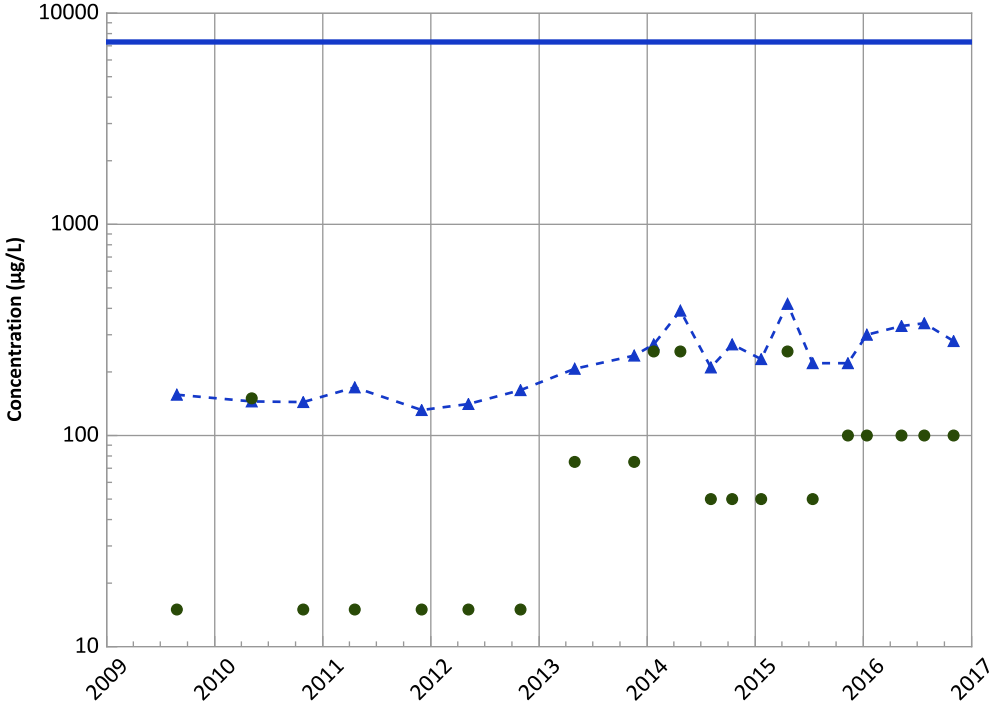


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Probably Decreasing

Boron Trend



Concentration Trend

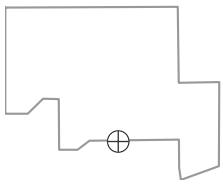
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Stable

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

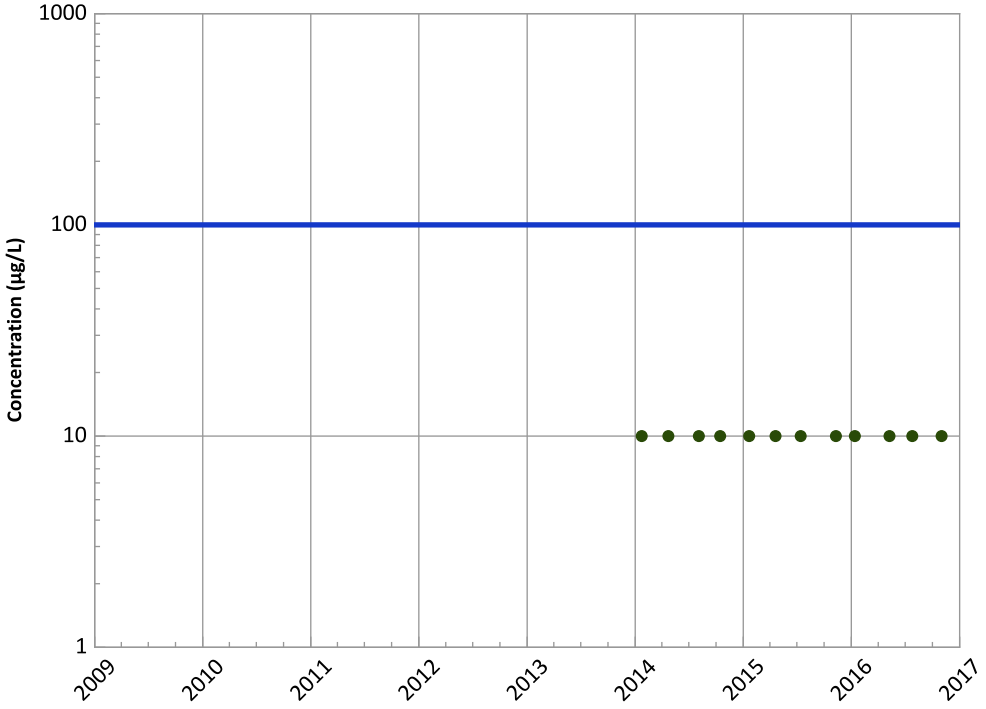
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

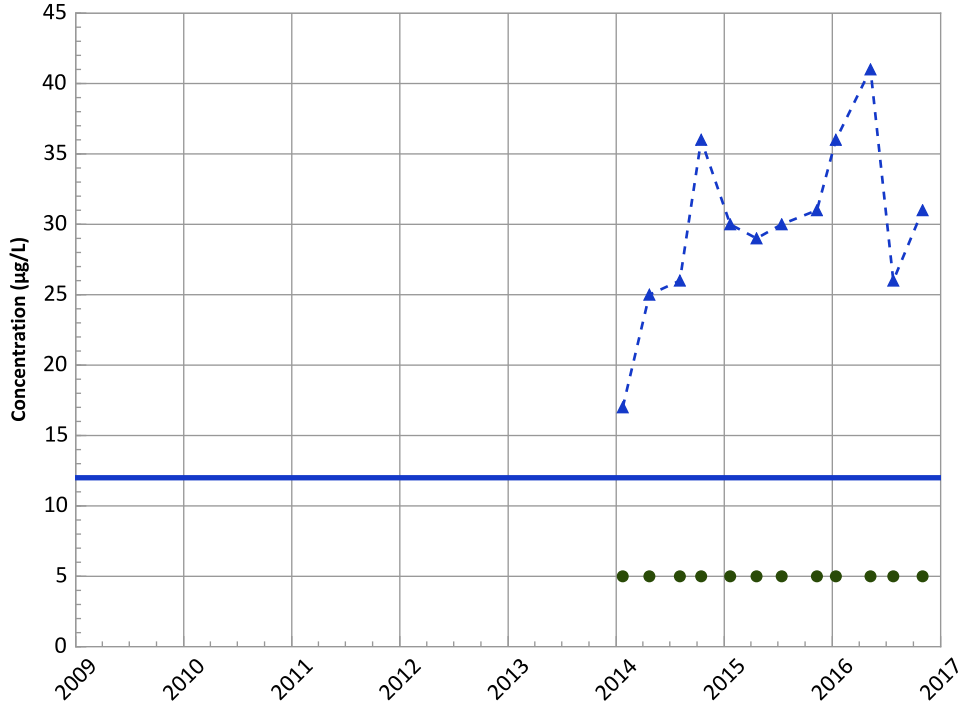


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Arsenic Trend



Concentration Trend

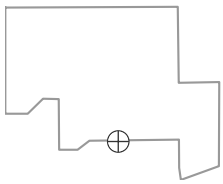
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

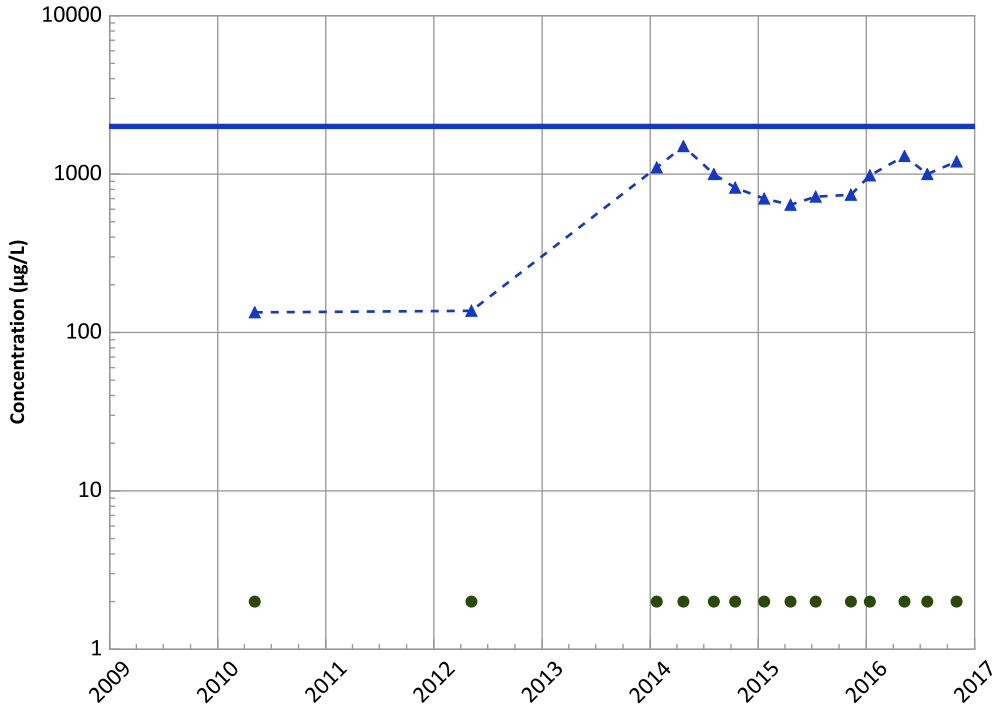
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

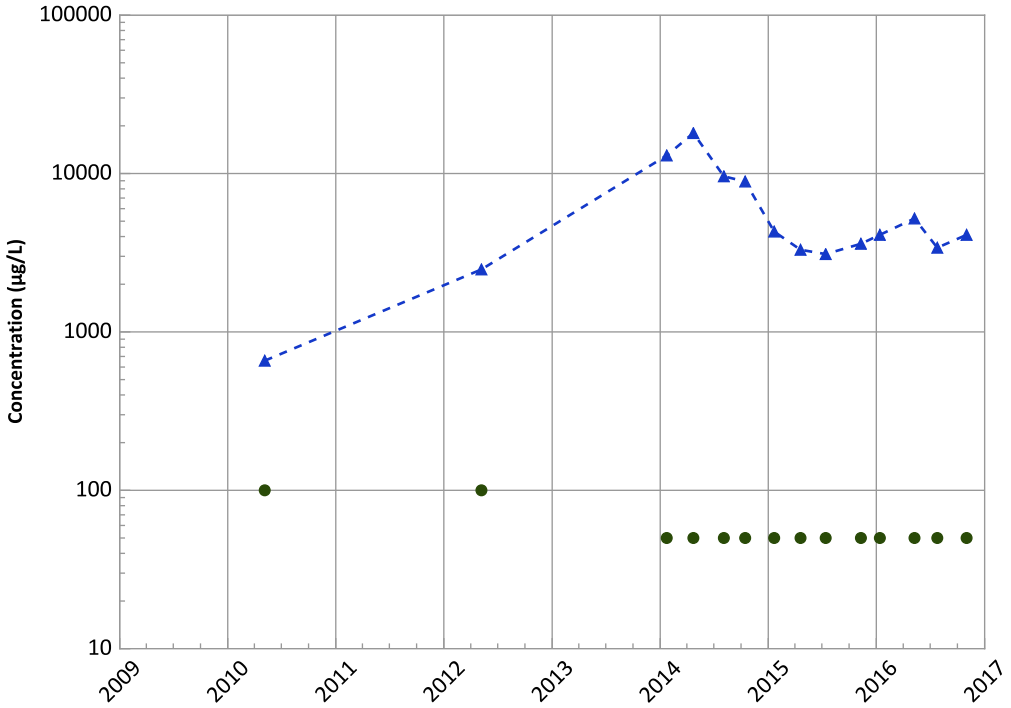


Concentration Trend

MAROS Mann-Kendall Method
All Data
Probably Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
No Trend

Iron Trend



Concentration Trend

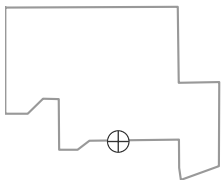
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Probably Increasing
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

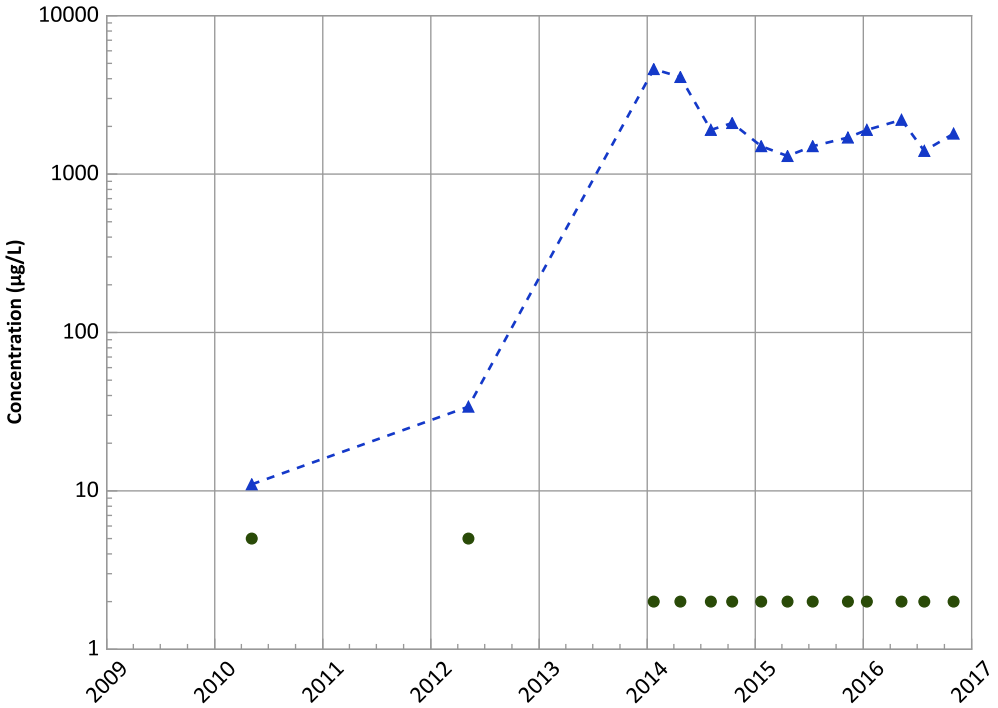
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

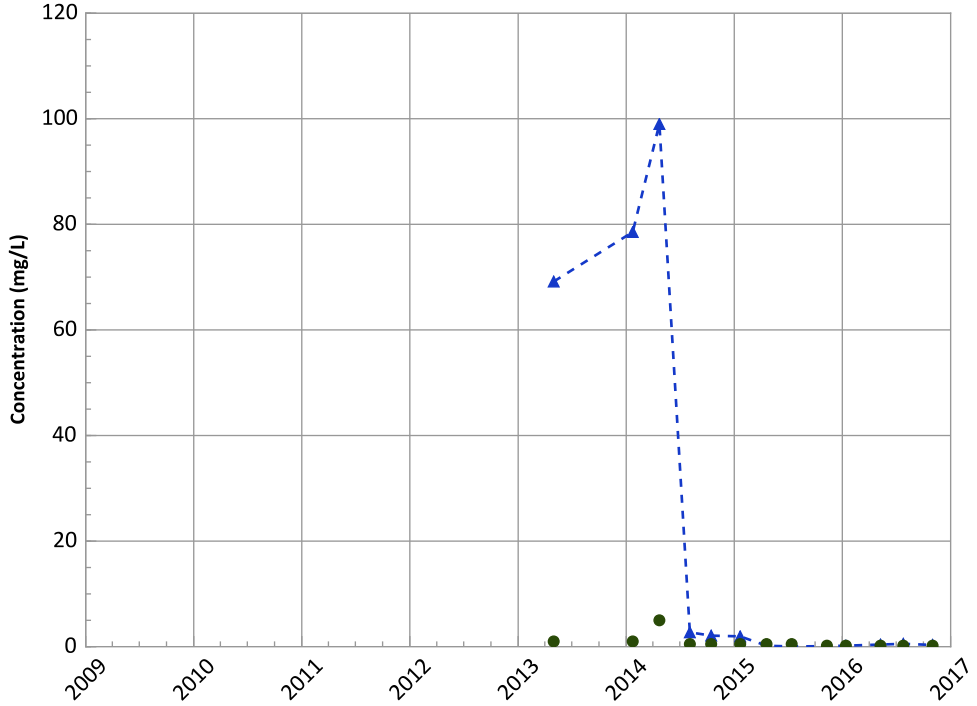


Concentration Trend

MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Stable

Total Volatile Fatty Acids Trend



Concentration Trend

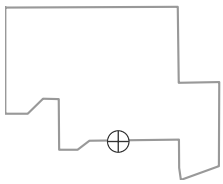
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

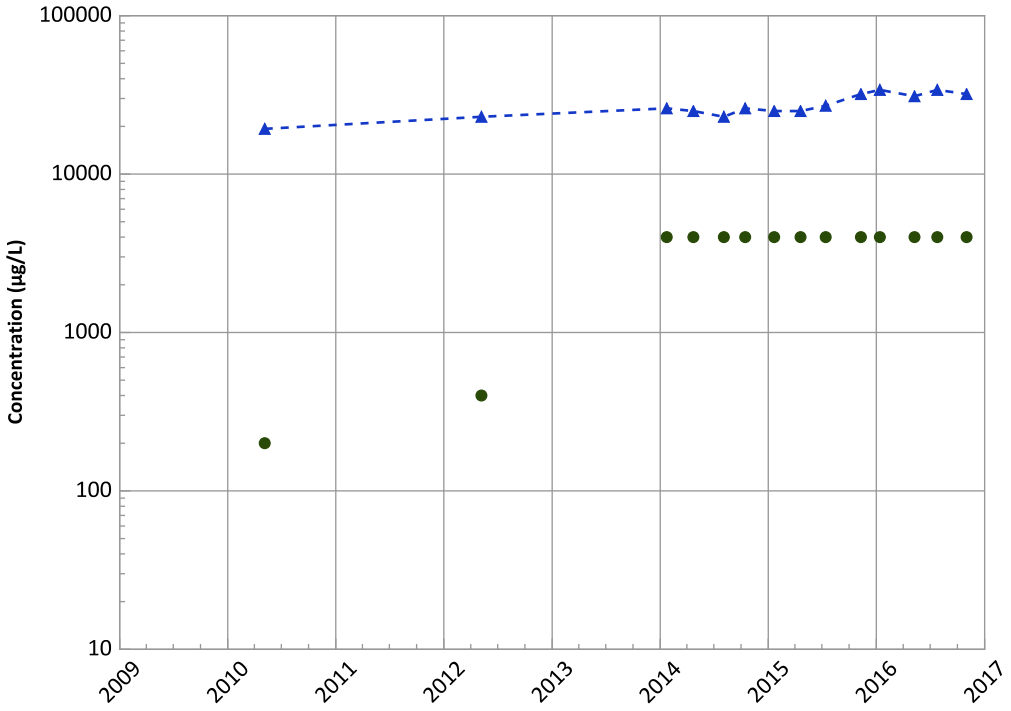
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloride (as Cl) Trend

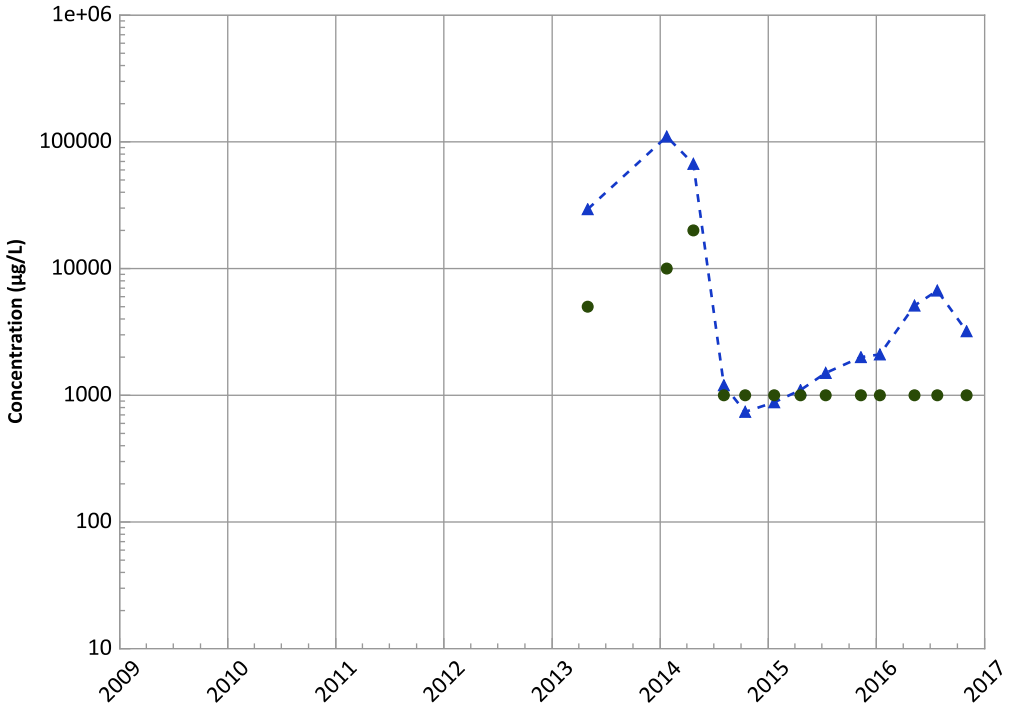


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Stable

Total Organic Carbon Trend



Concentration Trend

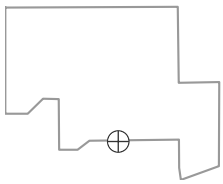
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Probably Decreasing
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

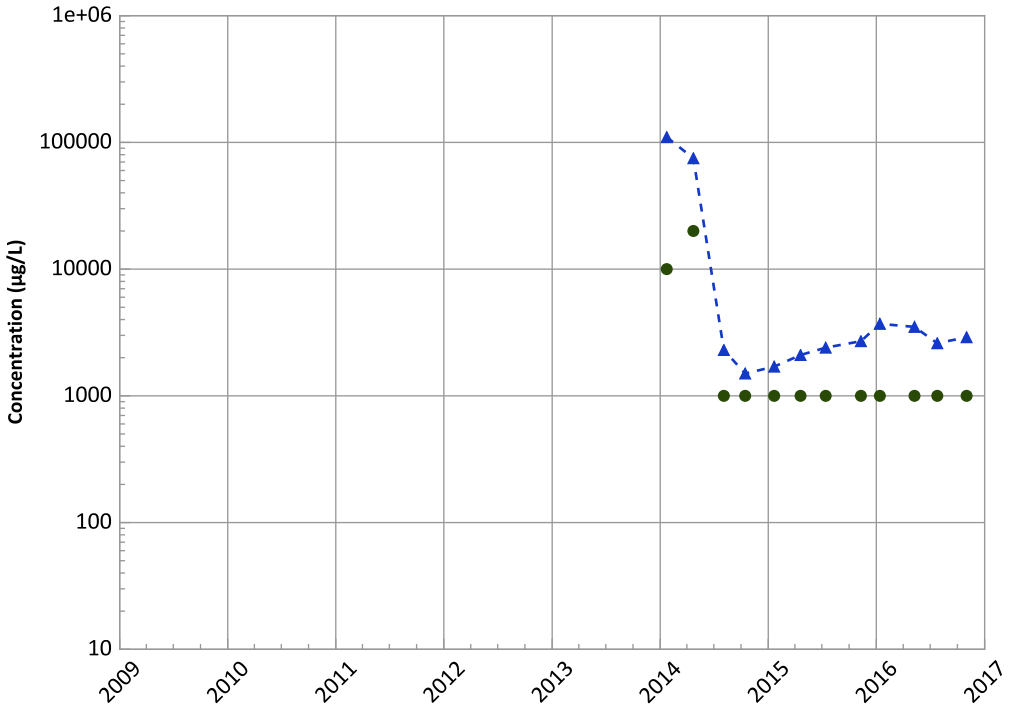
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend

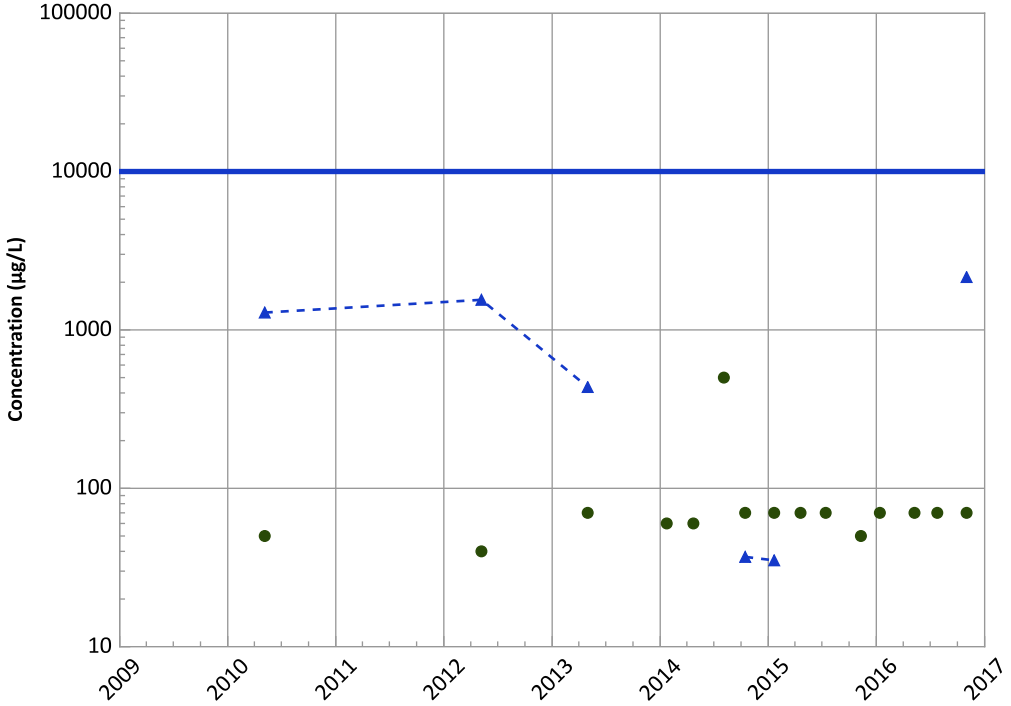


Concentration Trend

MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Probably Decreasing

Nitrate as N Trend



Concentration Trend

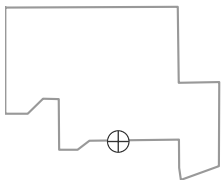
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

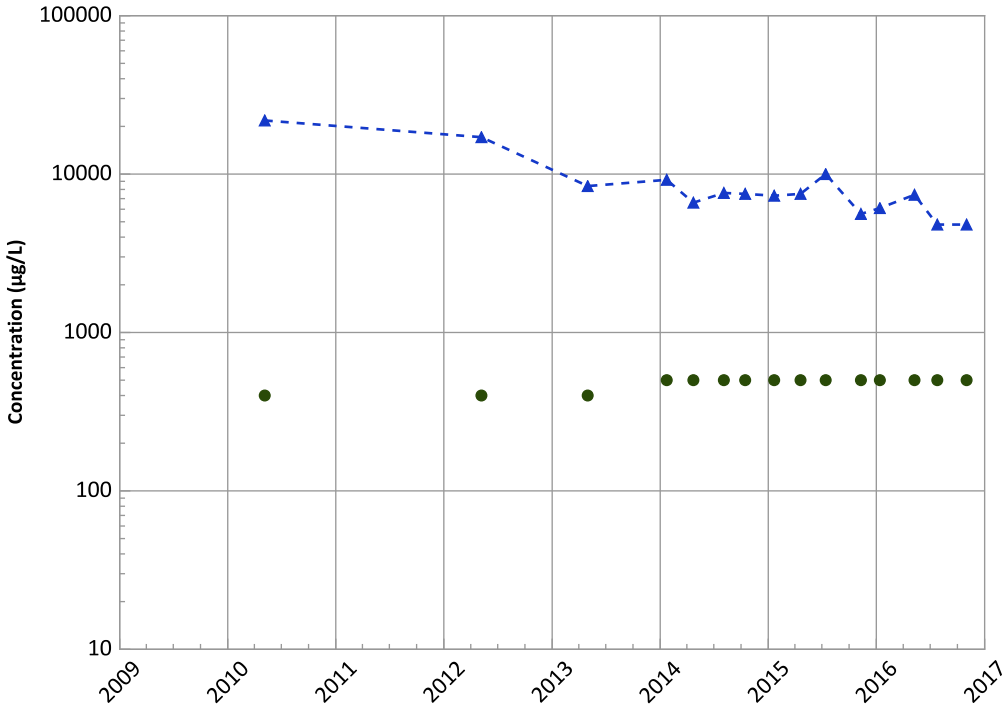
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend

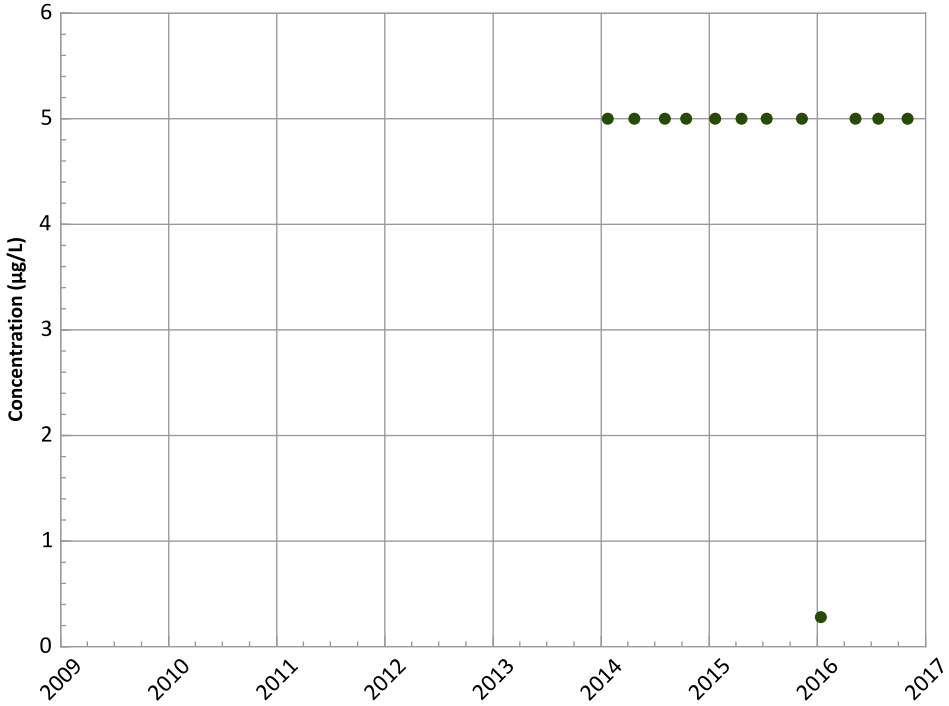


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Stable

Ethene (Ethylene) Trend



Concentration Trend

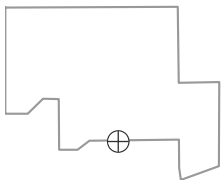
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

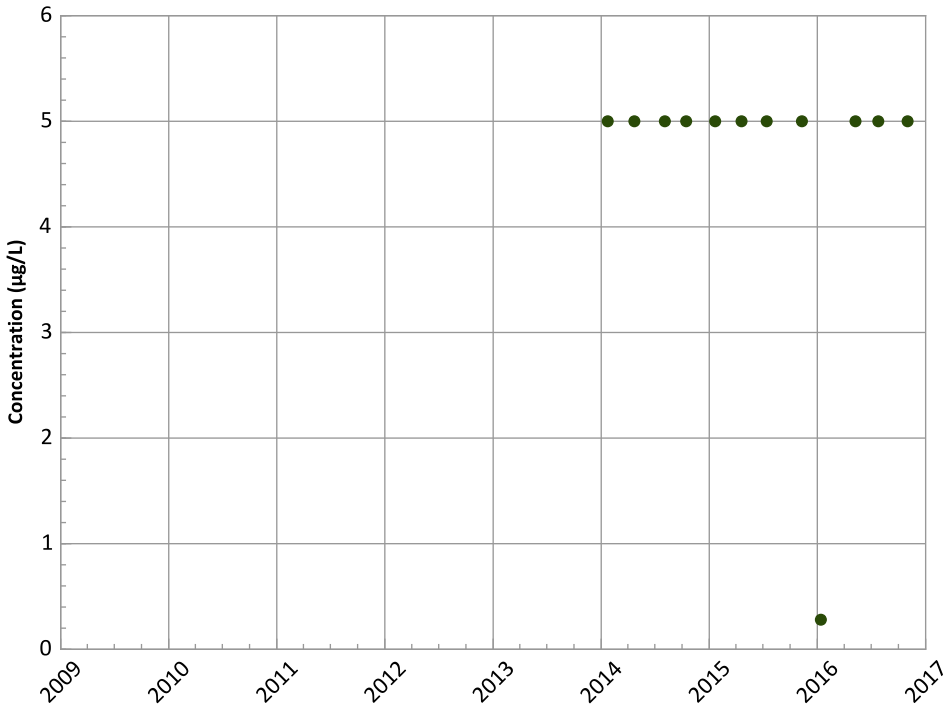
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethane Trend

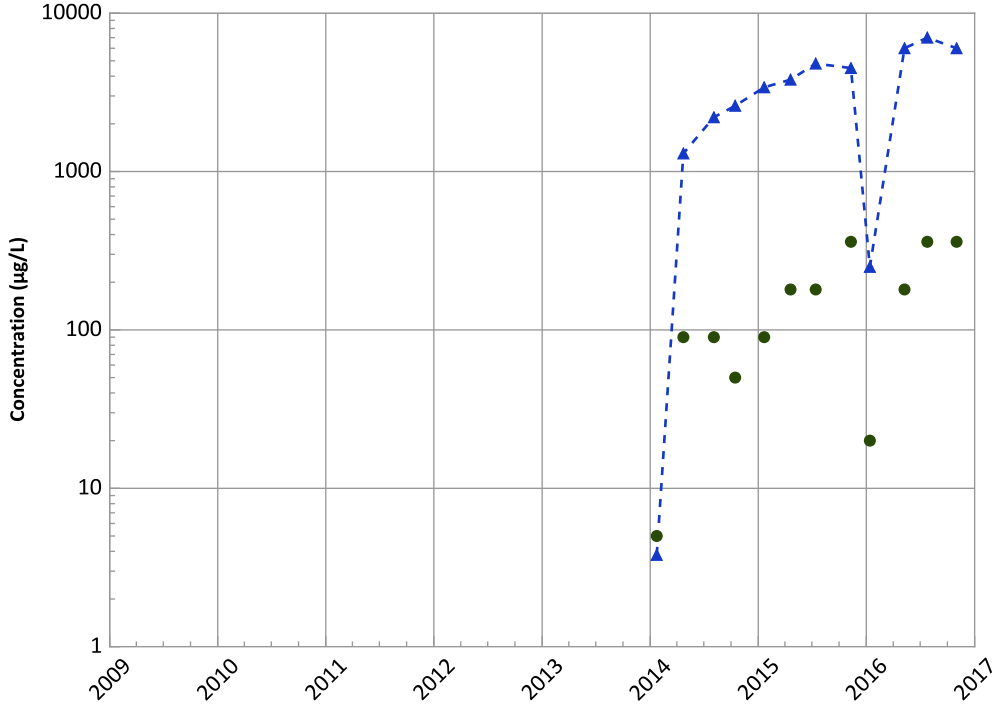


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Methane Trend



Concentration Trend

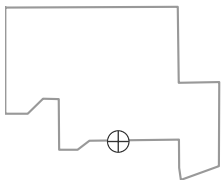
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
No Trend

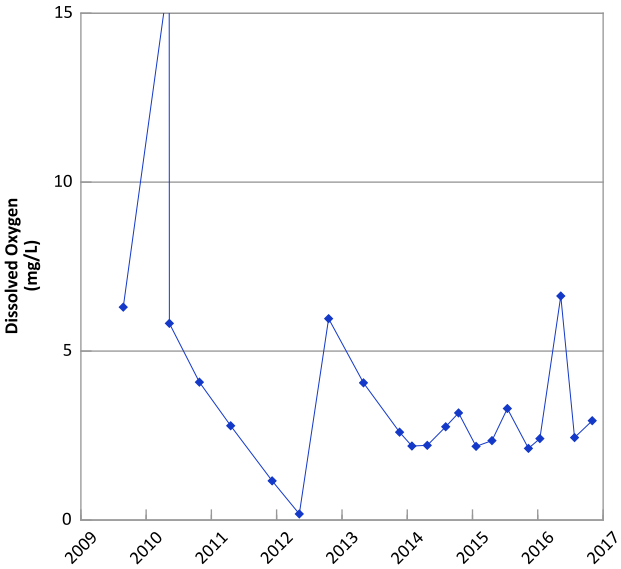
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

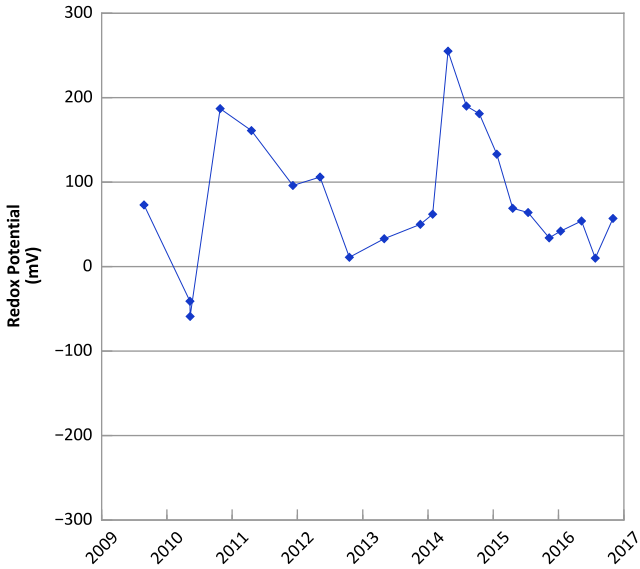
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

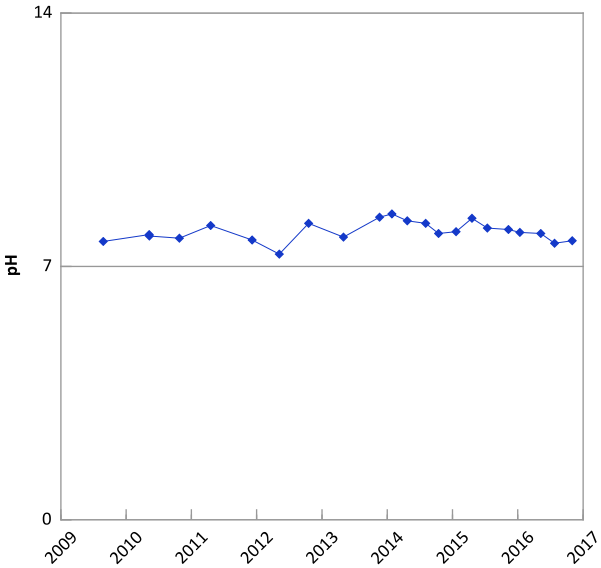
Well Location

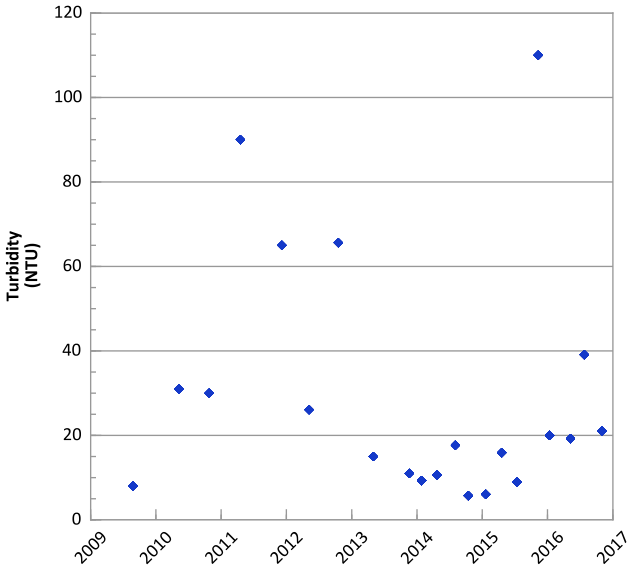


PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



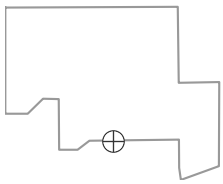






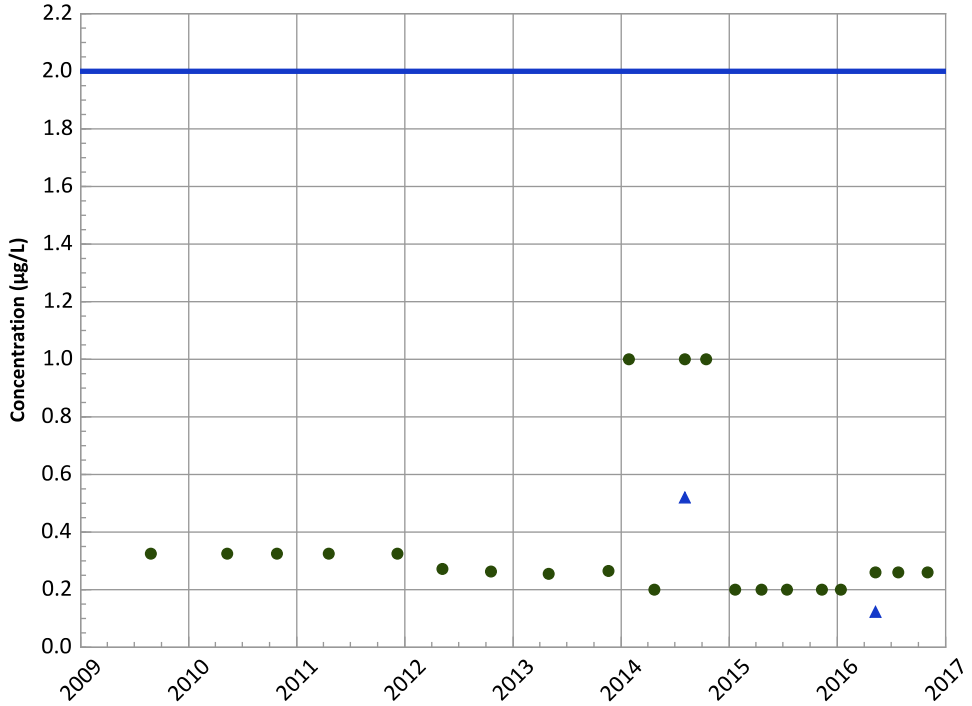
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

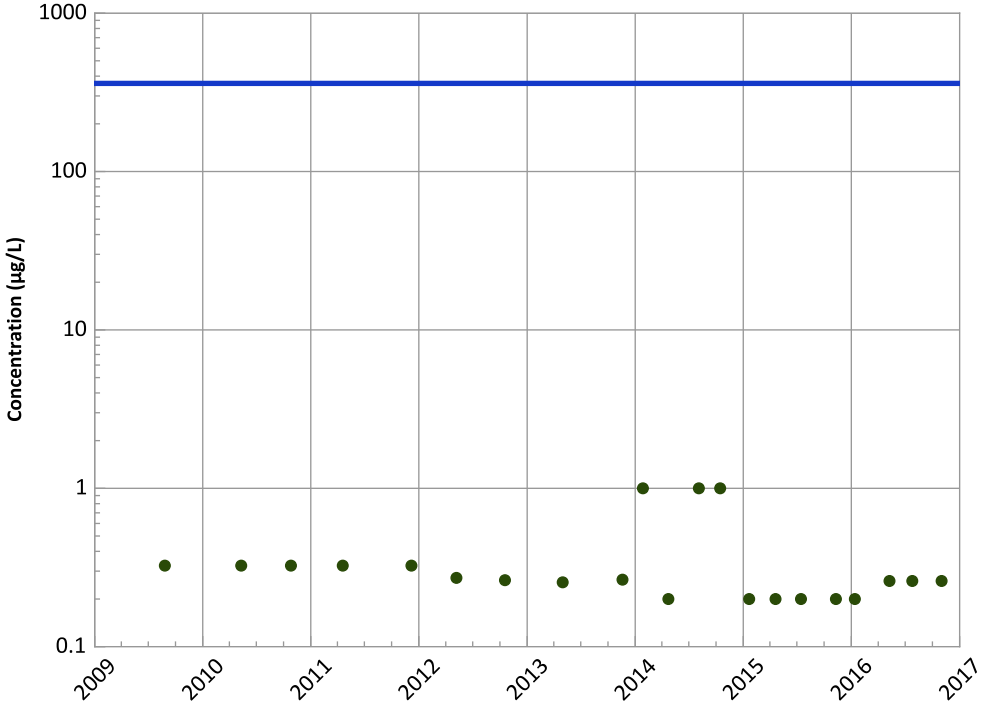


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

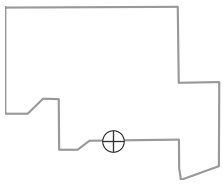
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

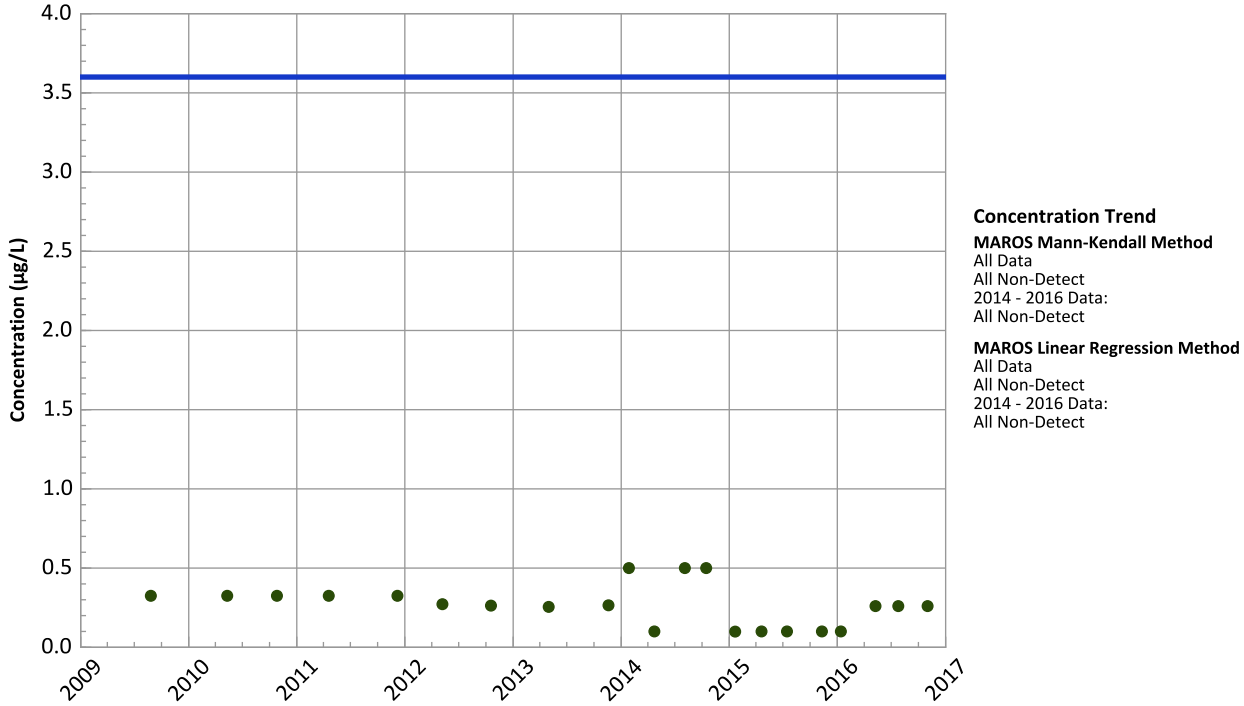
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

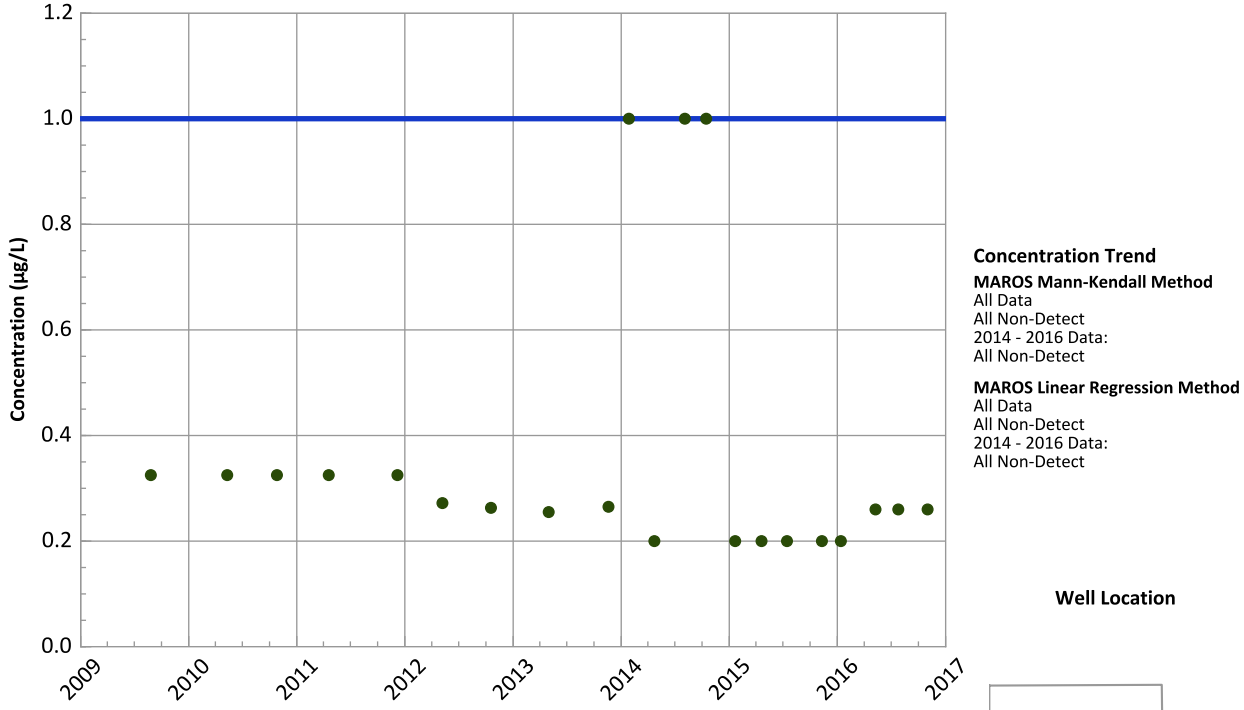


PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



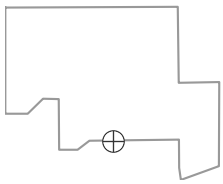
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

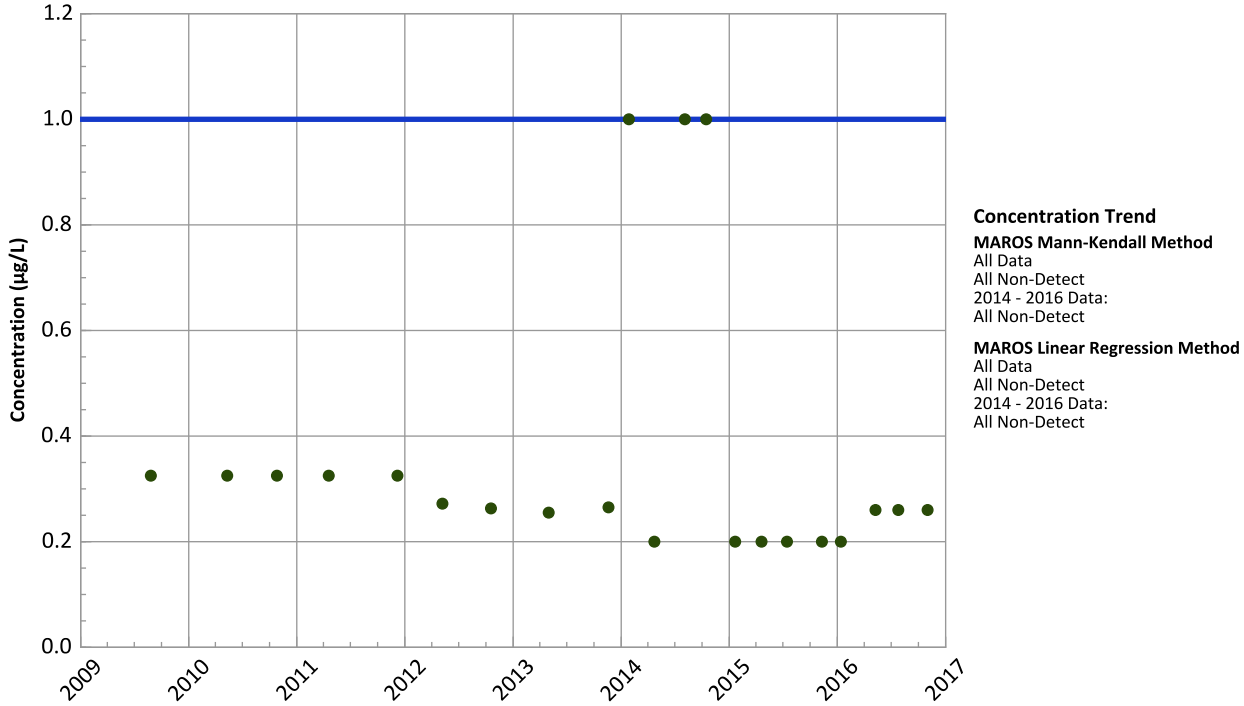
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

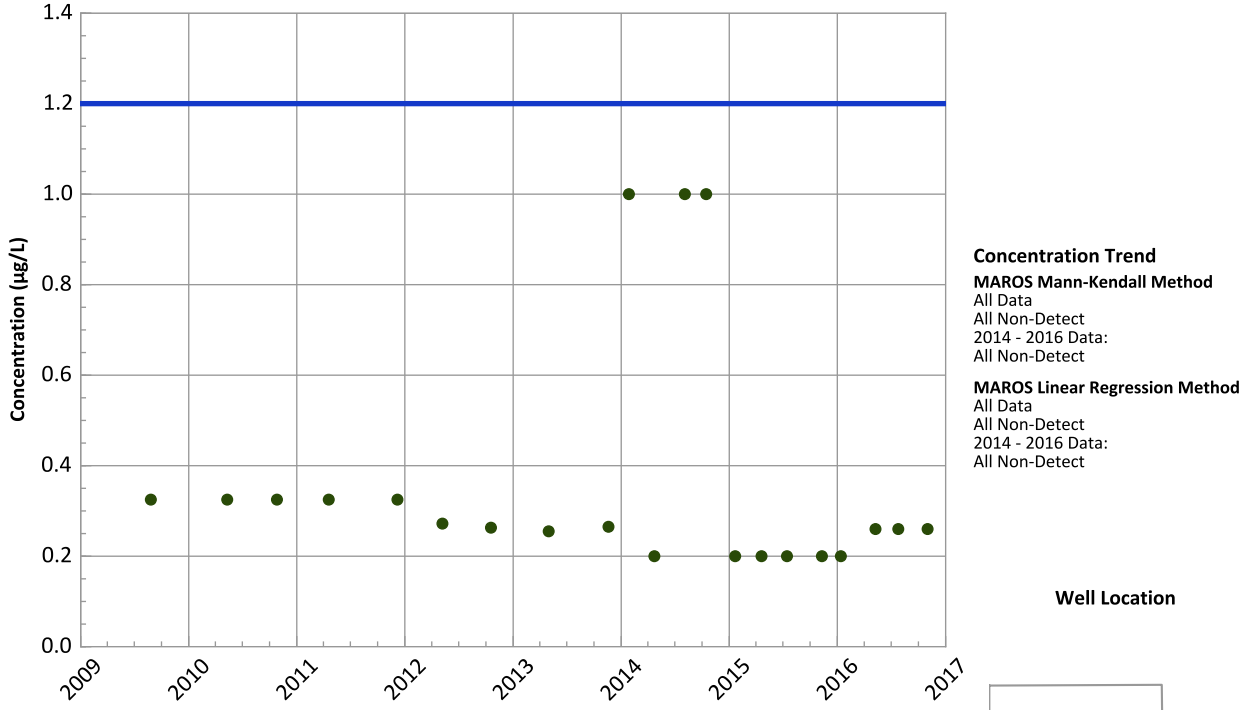


PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



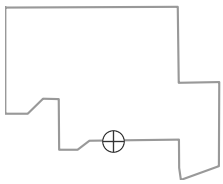
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

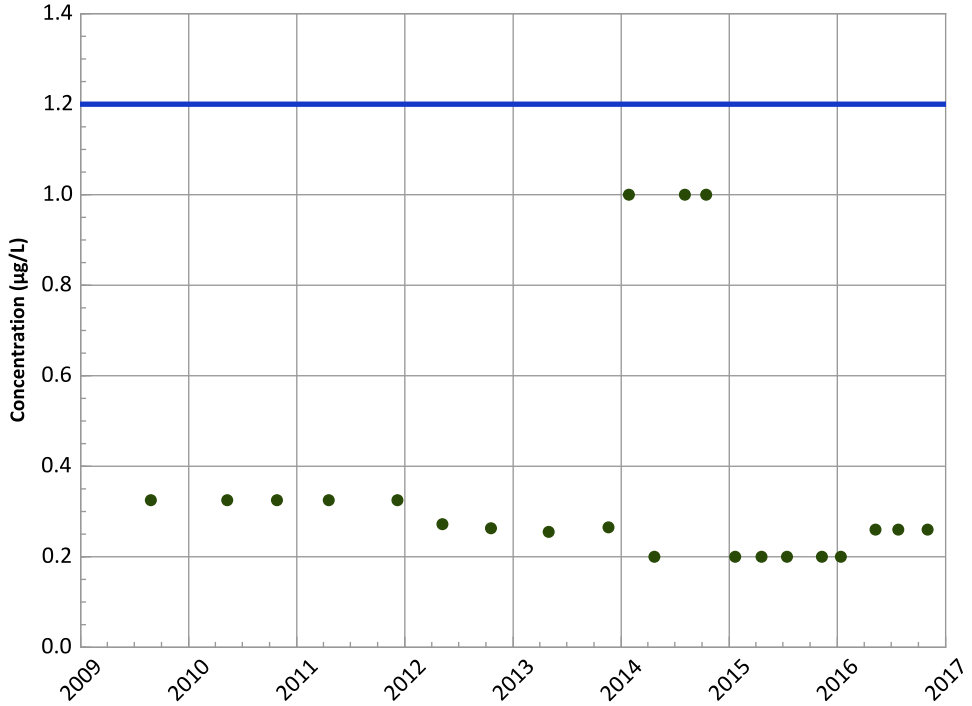
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

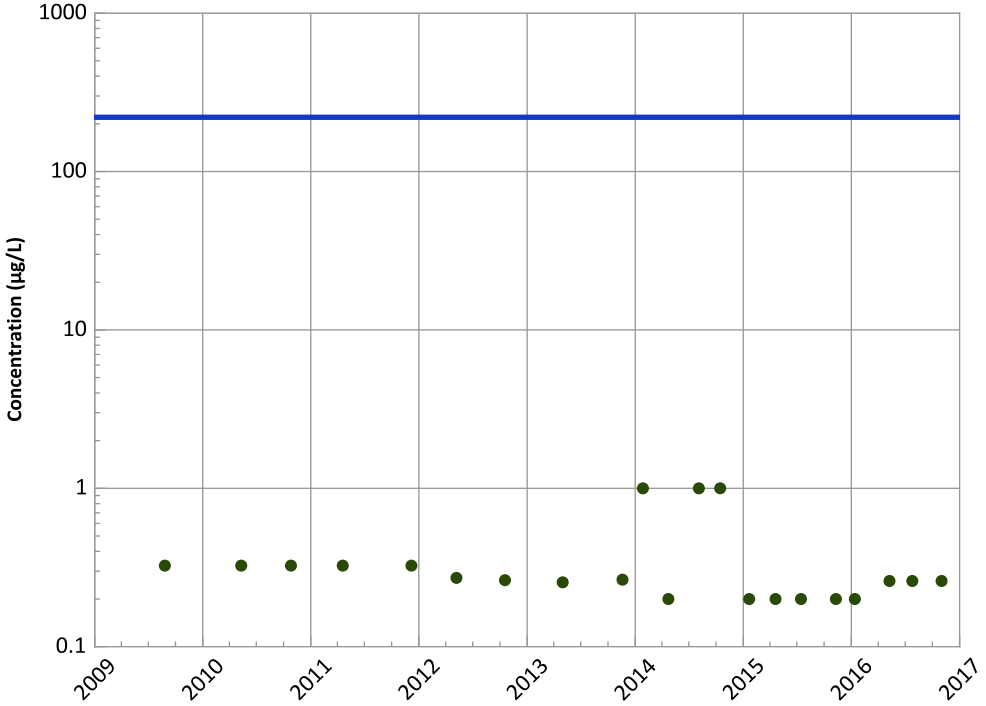


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

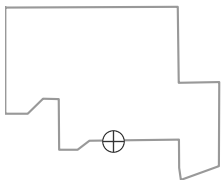
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

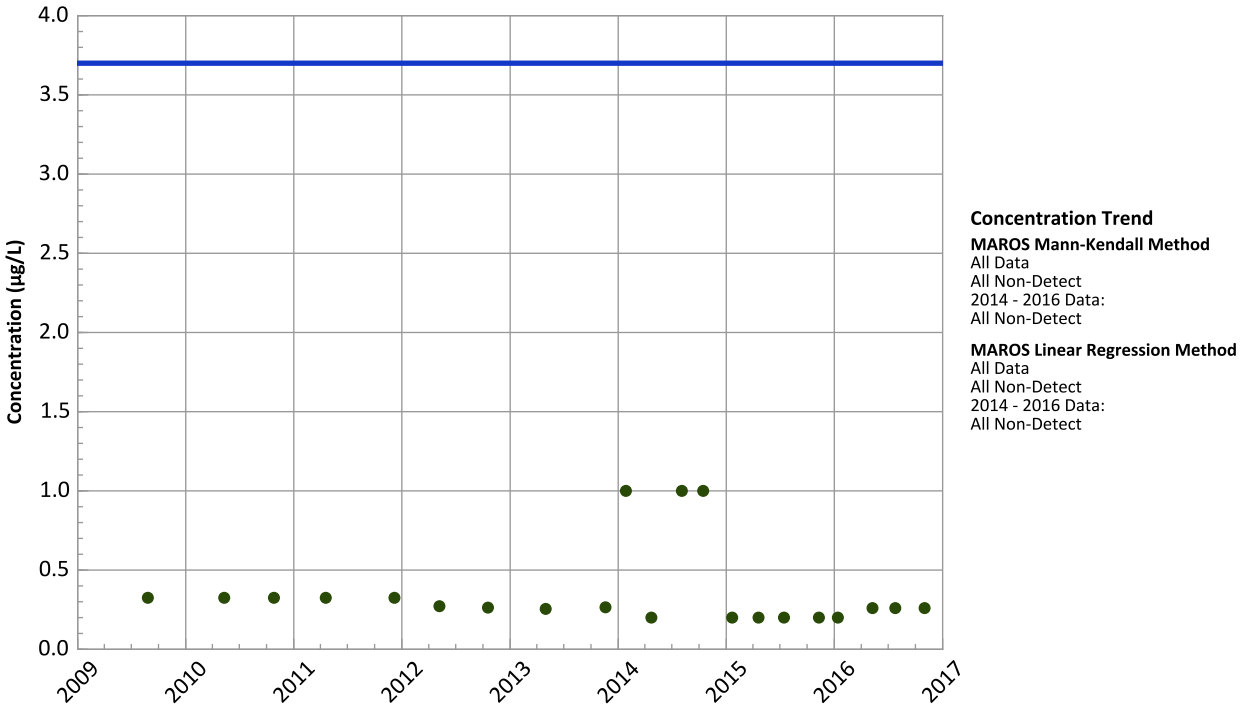
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

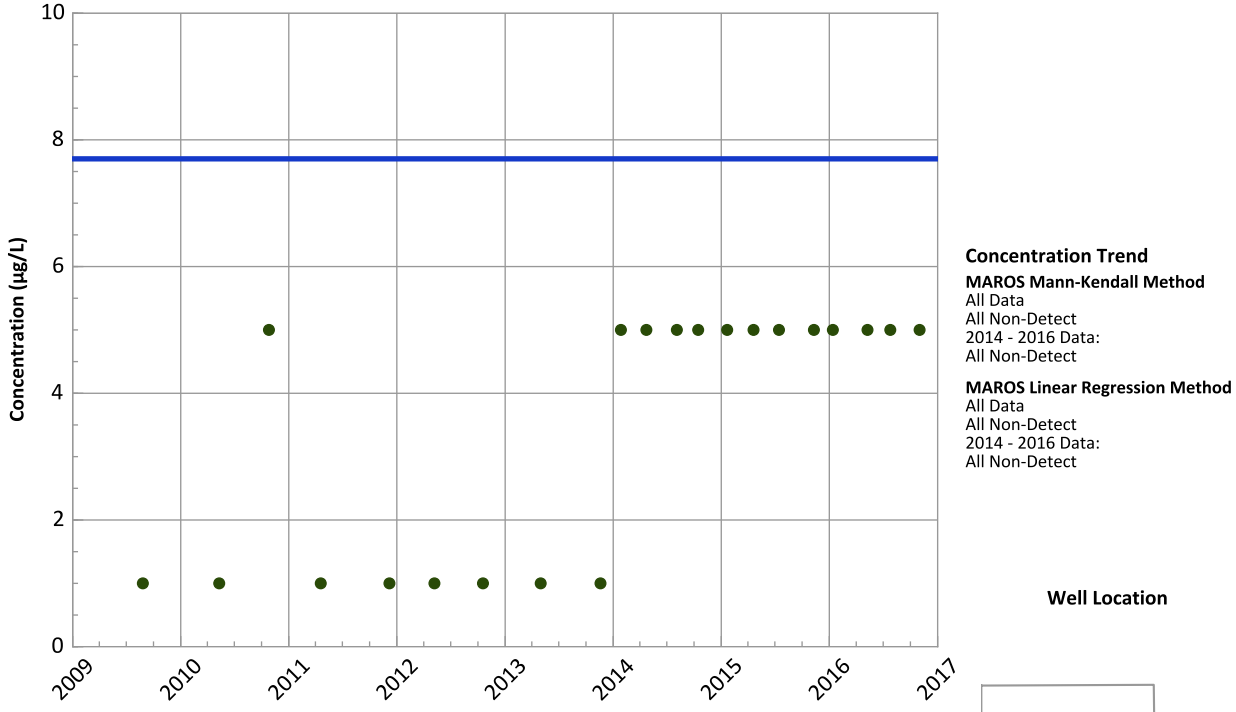


PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



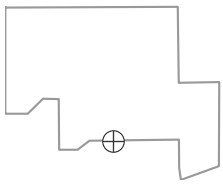
1,4-Dioxane (p-Dioxane) Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

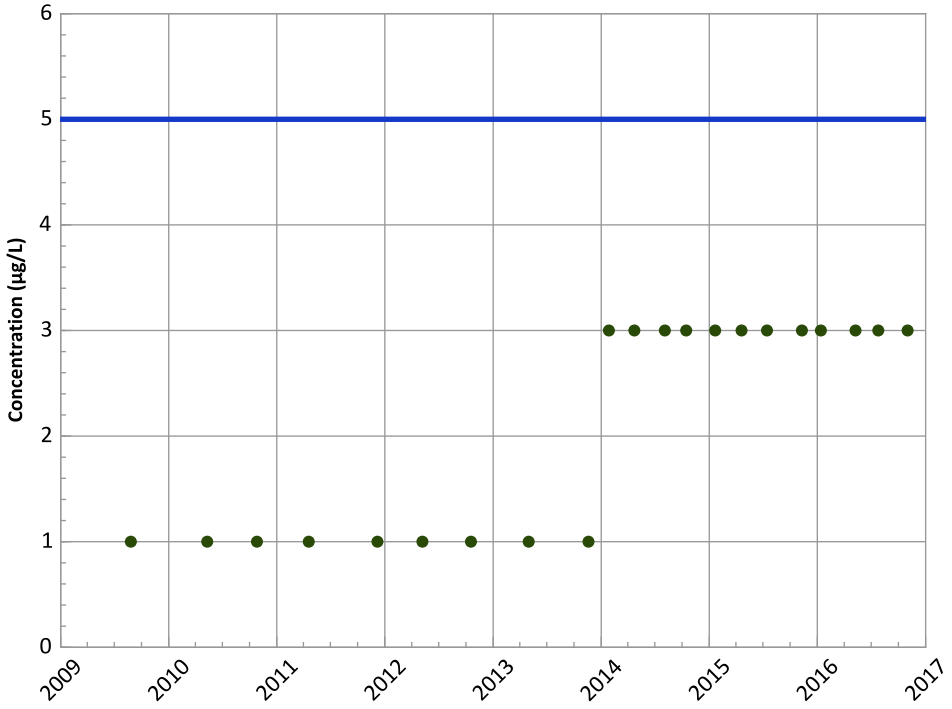
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

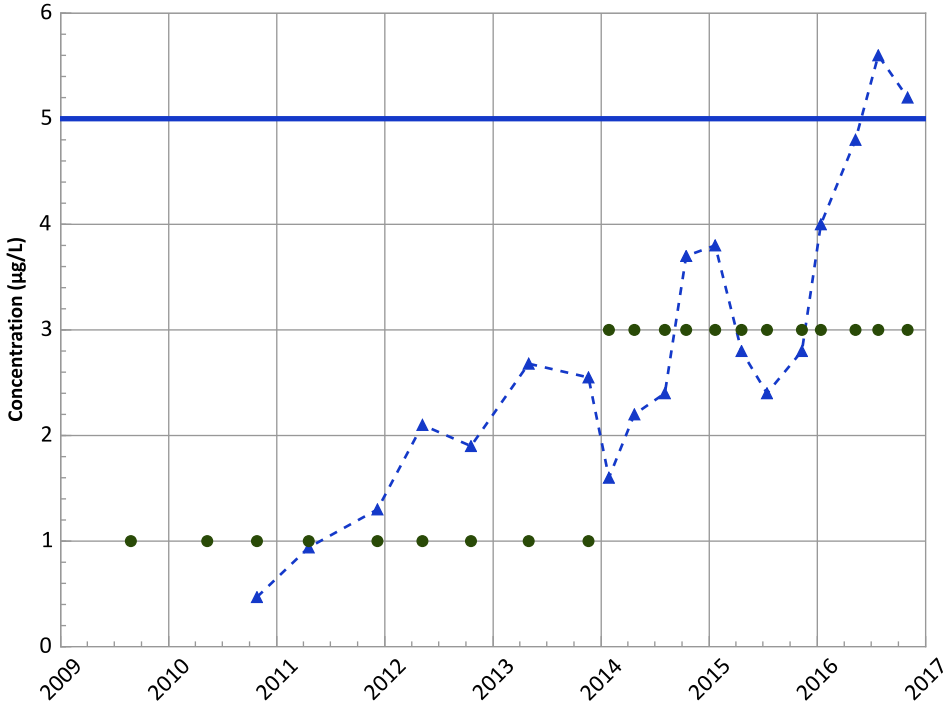


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

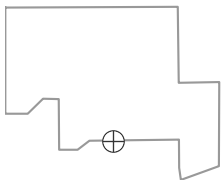
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Probably Increasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

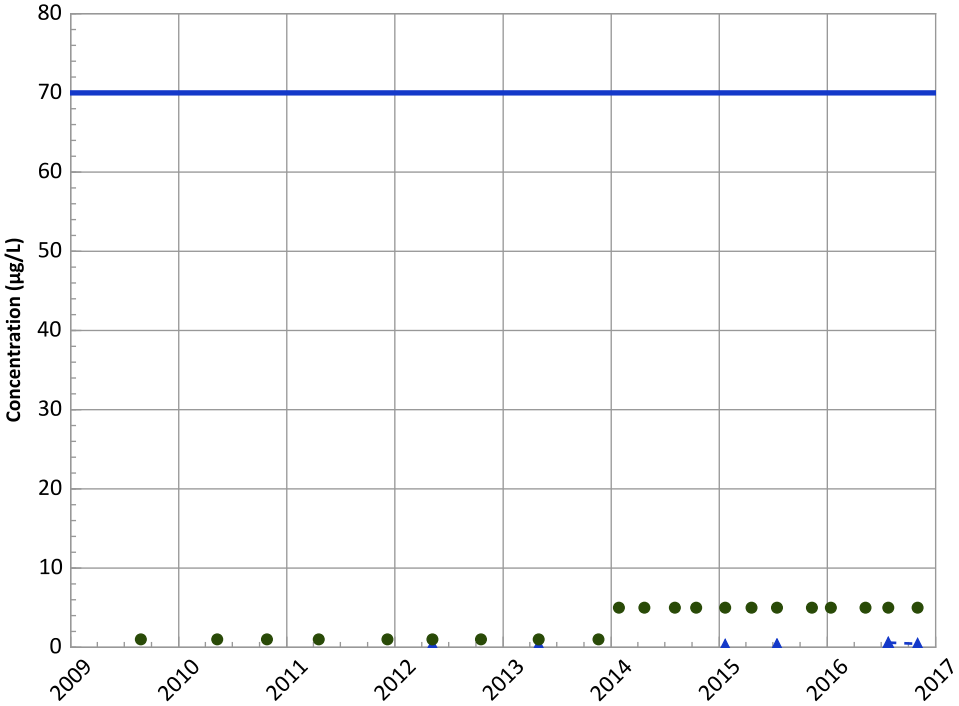
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

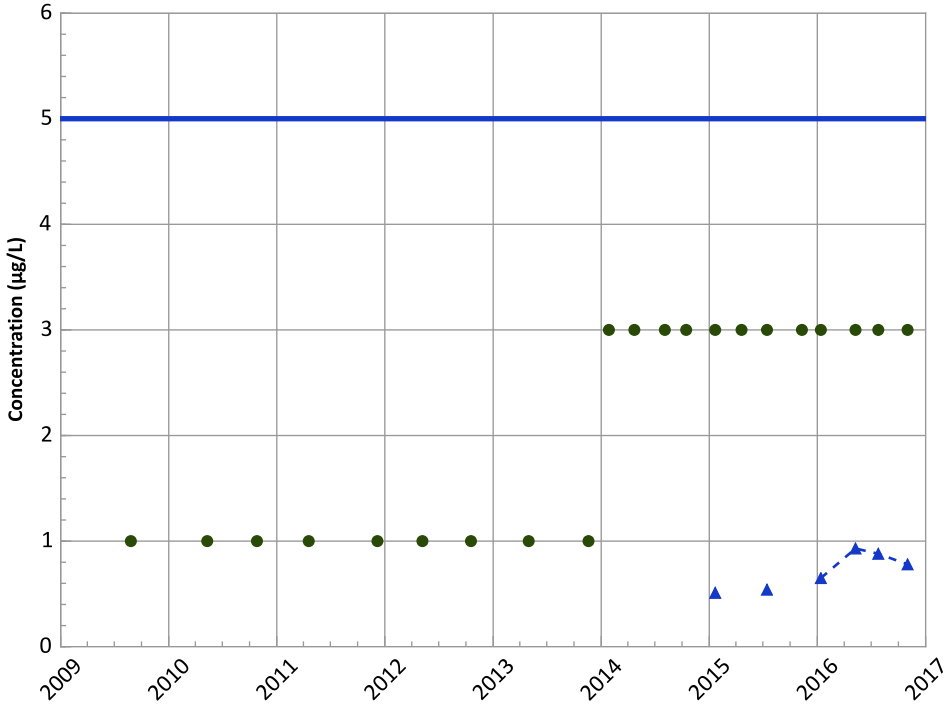


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Probably Increasing

1,2-Dichloroethane Trend



Concentration Trend

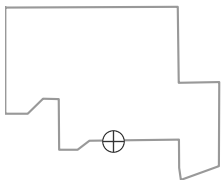
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Stable

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

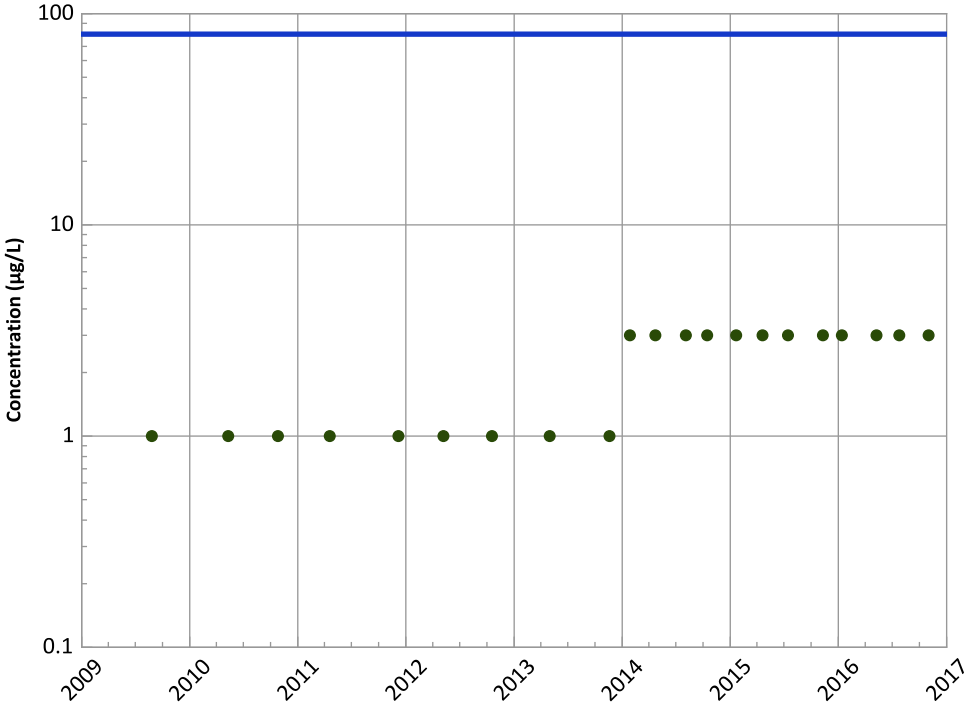
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

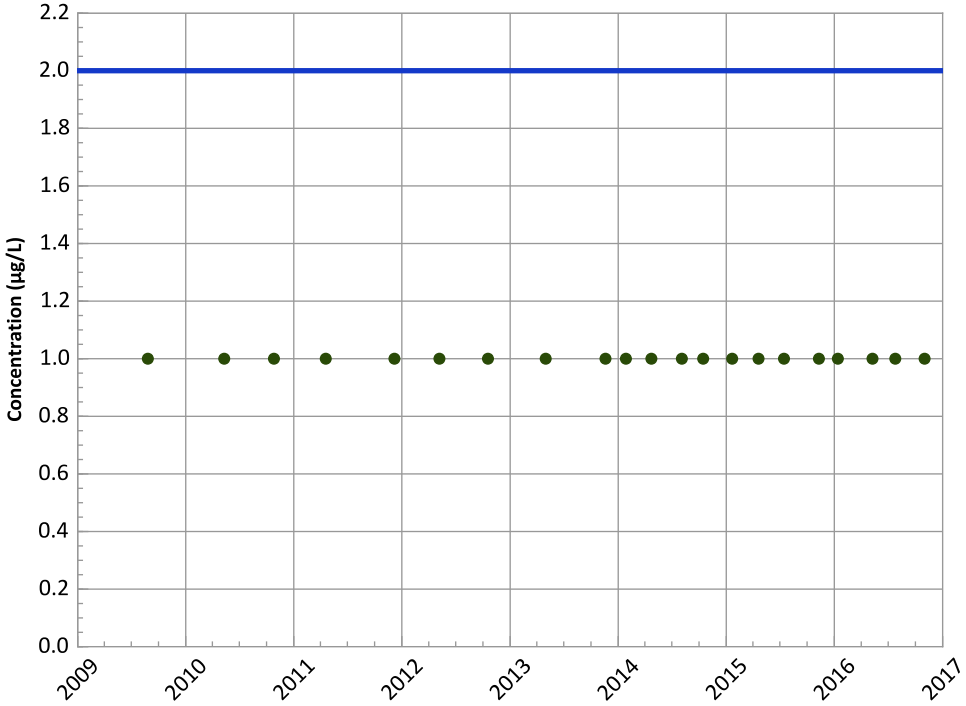


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

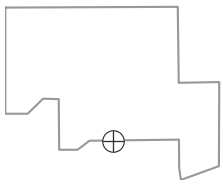
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

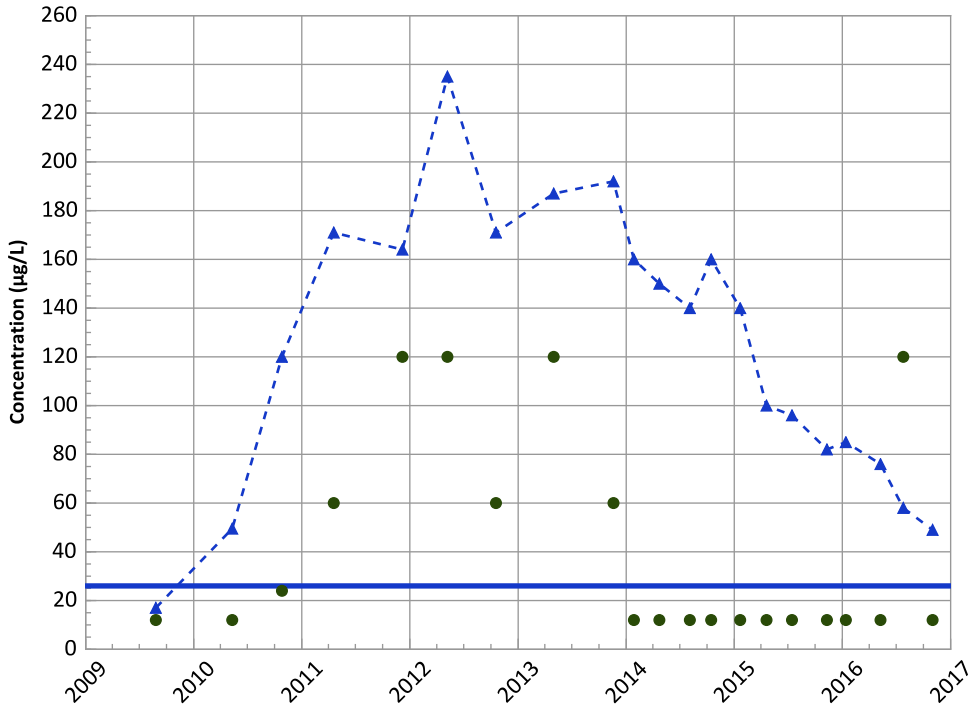
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

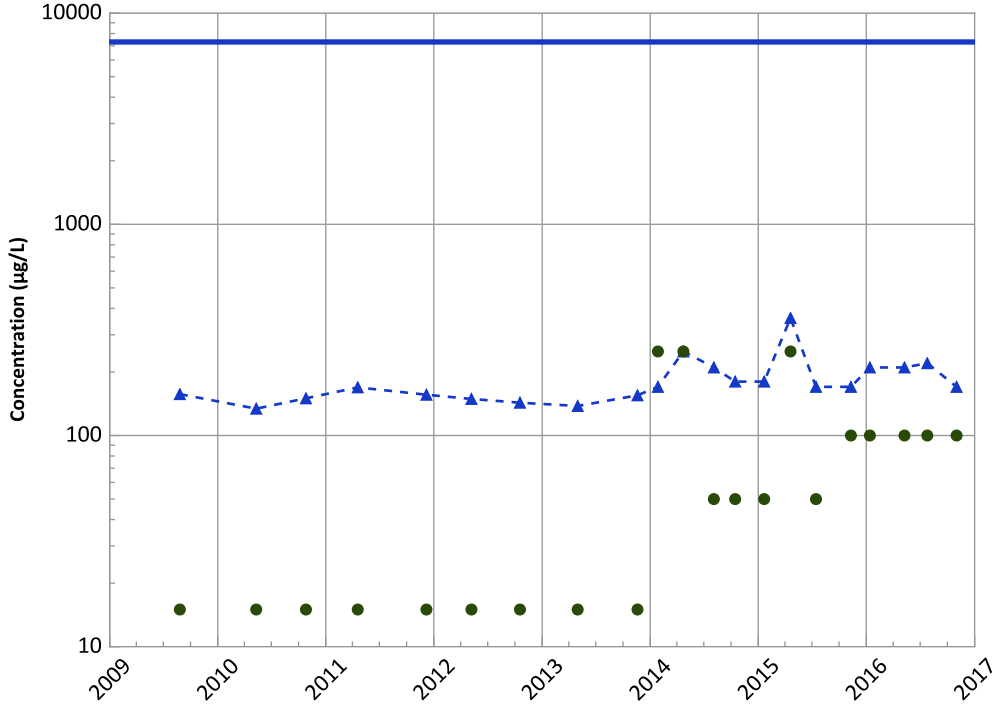


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Decreasing

Boron Trend



Concentration Trend

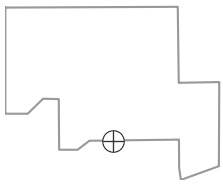
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

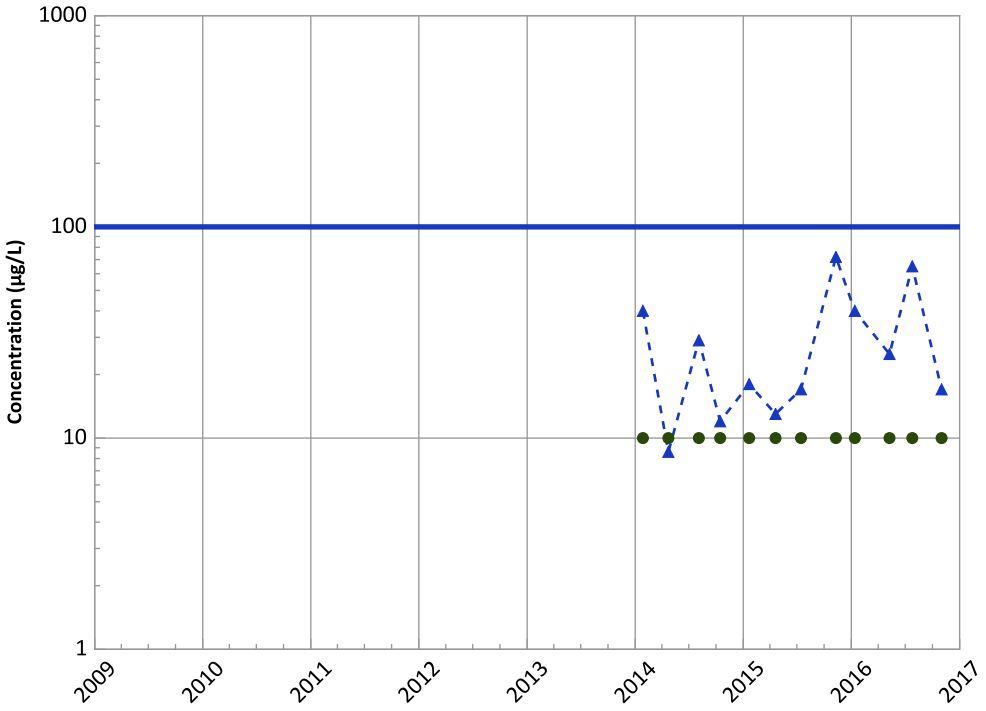
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

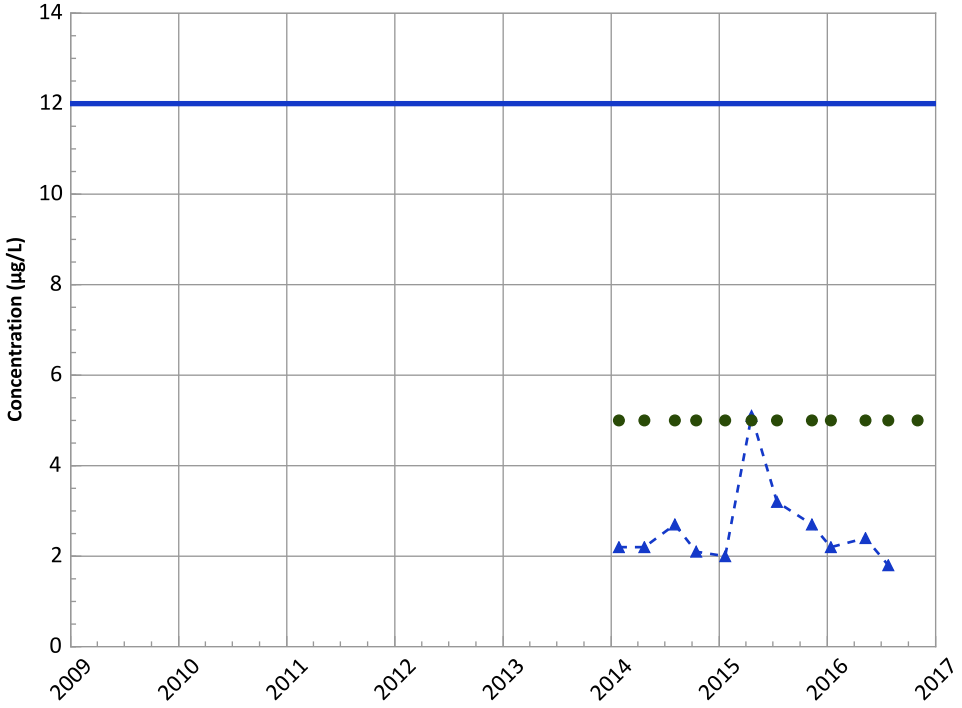


Concentration Trend

MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Stable

Arsenic Trend



Concentration Trend

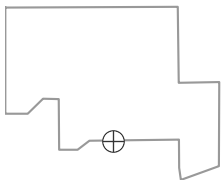
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
Probably Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

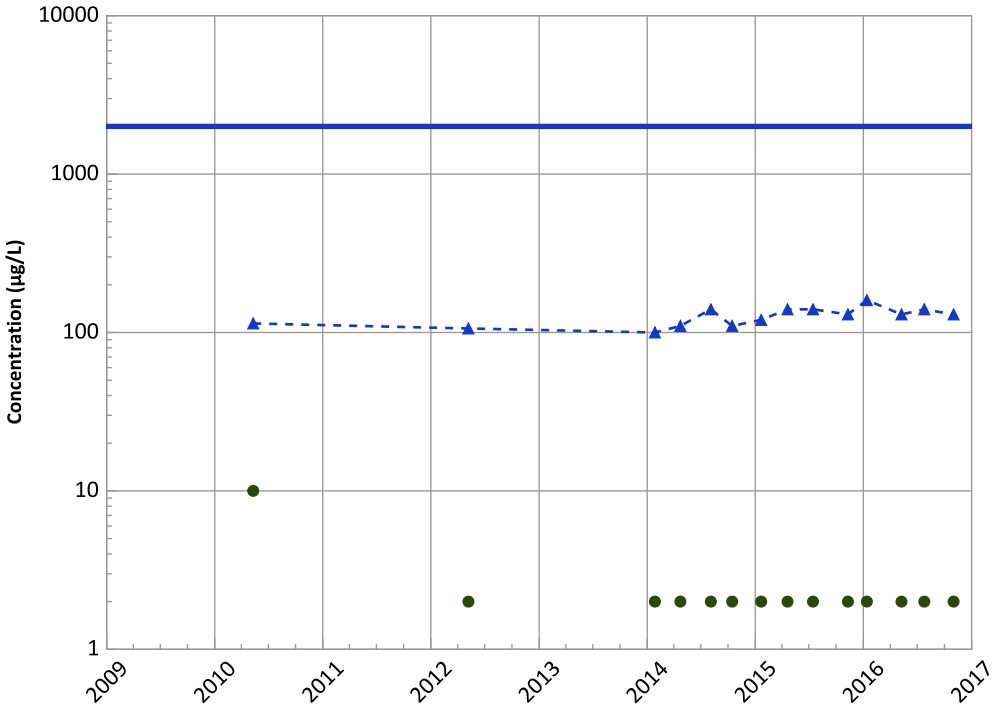
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

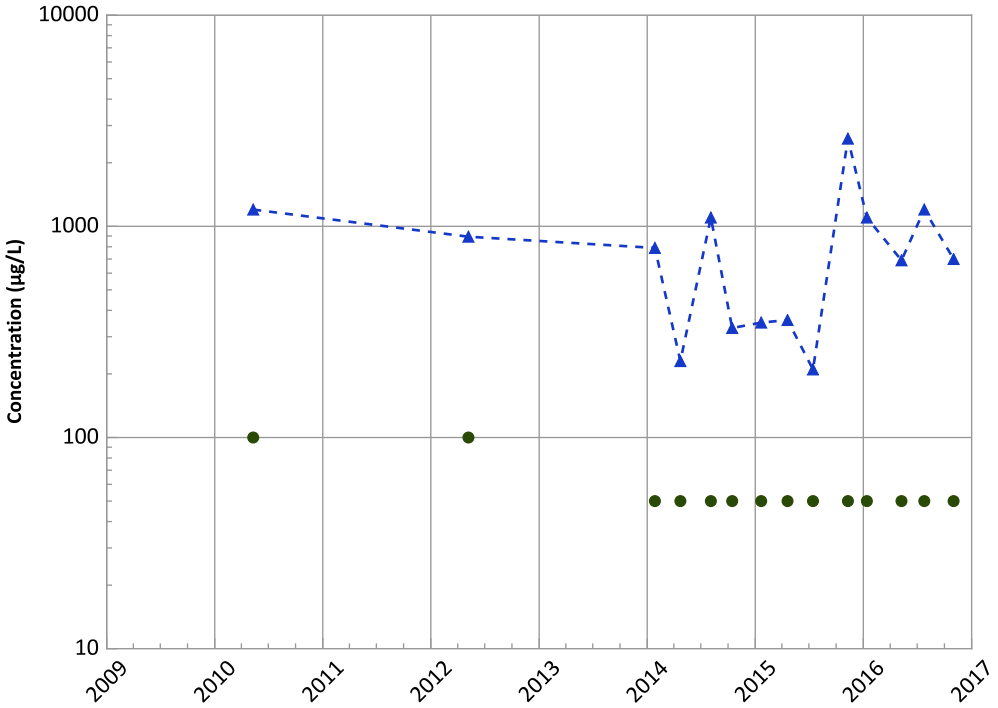


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Stable

Iron Trend



Concentration Trend

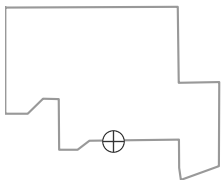
MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
Stable

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

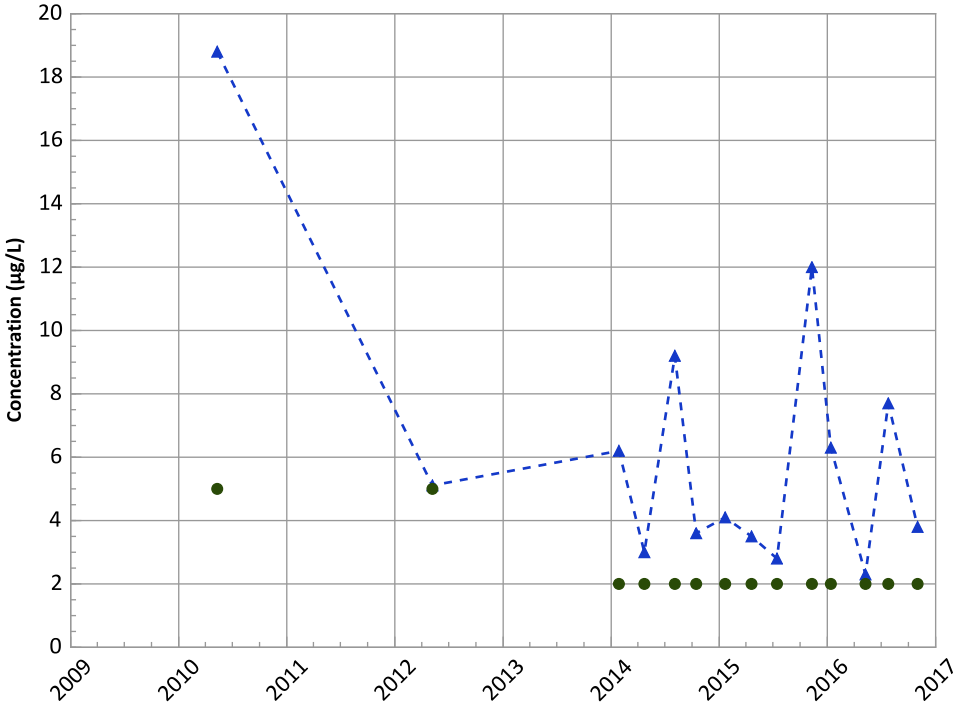
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

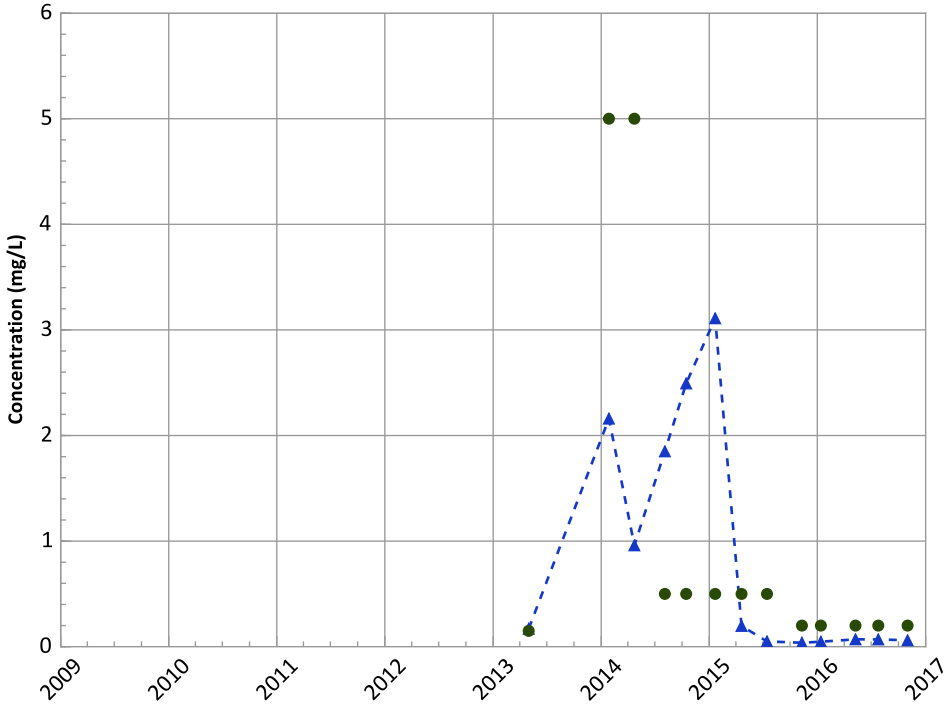


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Stable

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Stable

Total Volatile Fatty Acids Trend



Concentration Trend

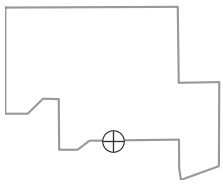
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Stable

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

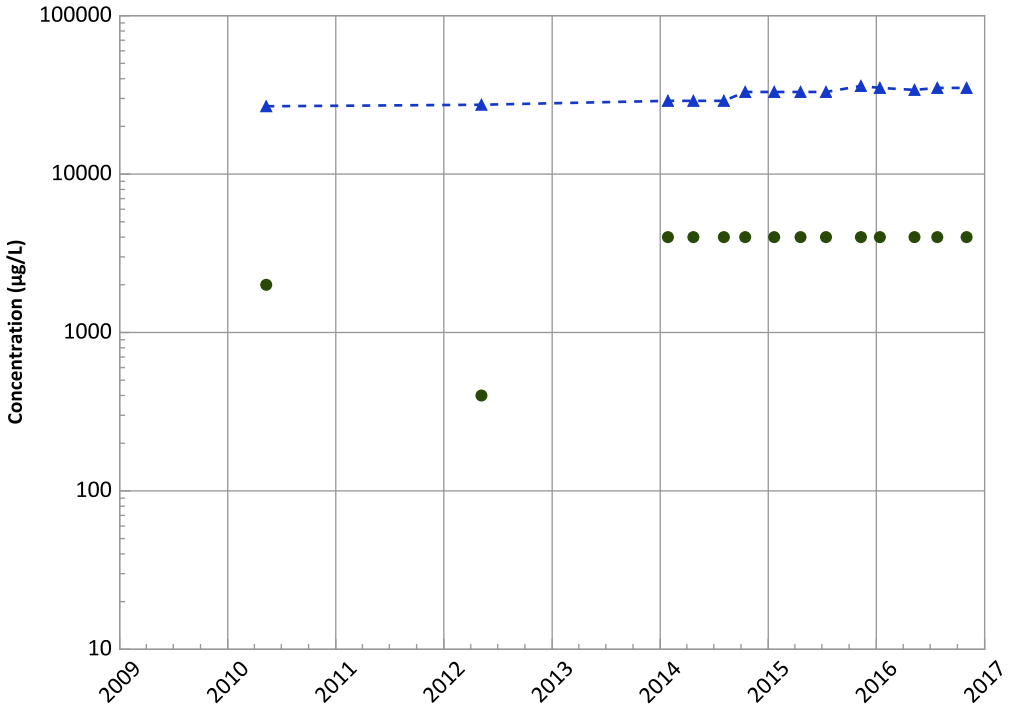
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloride (as Cl) Trend

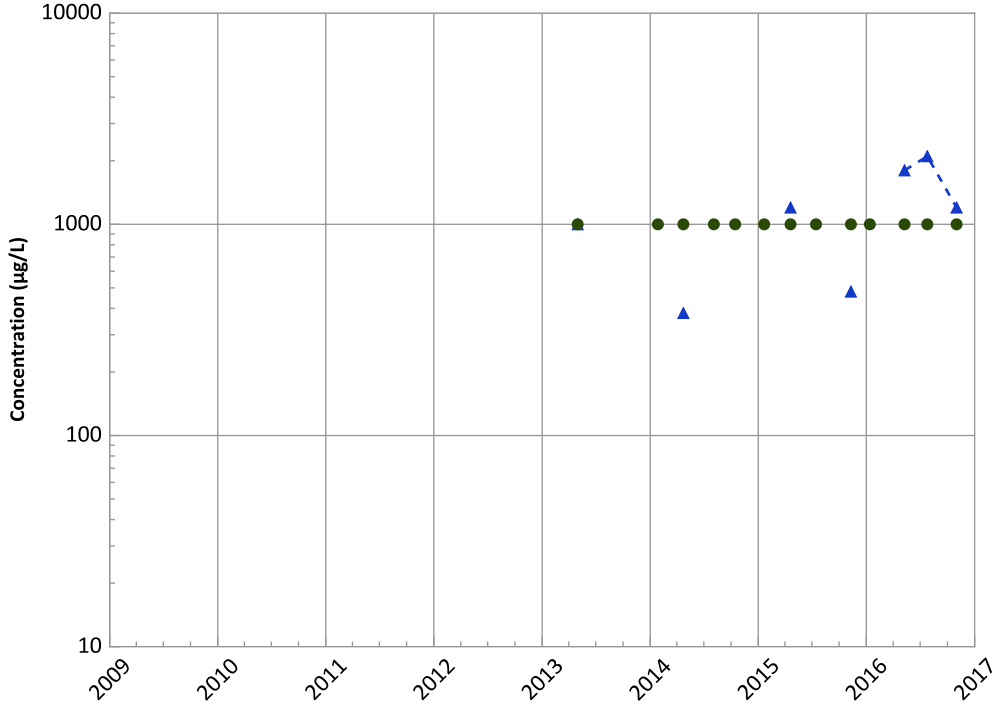


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Increasing

Total Organic Carbon Trend



Concentration Trend

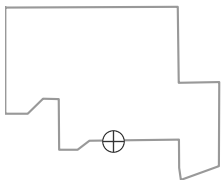
MAROS Mann-Kendall Method
All Data
Probably Increasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

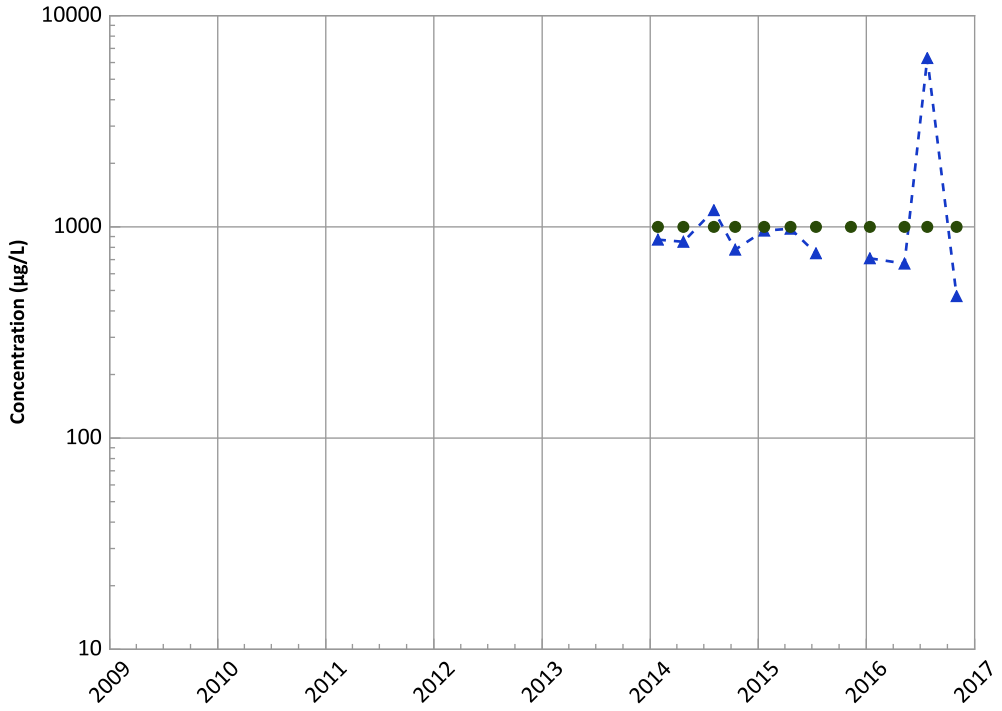
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend

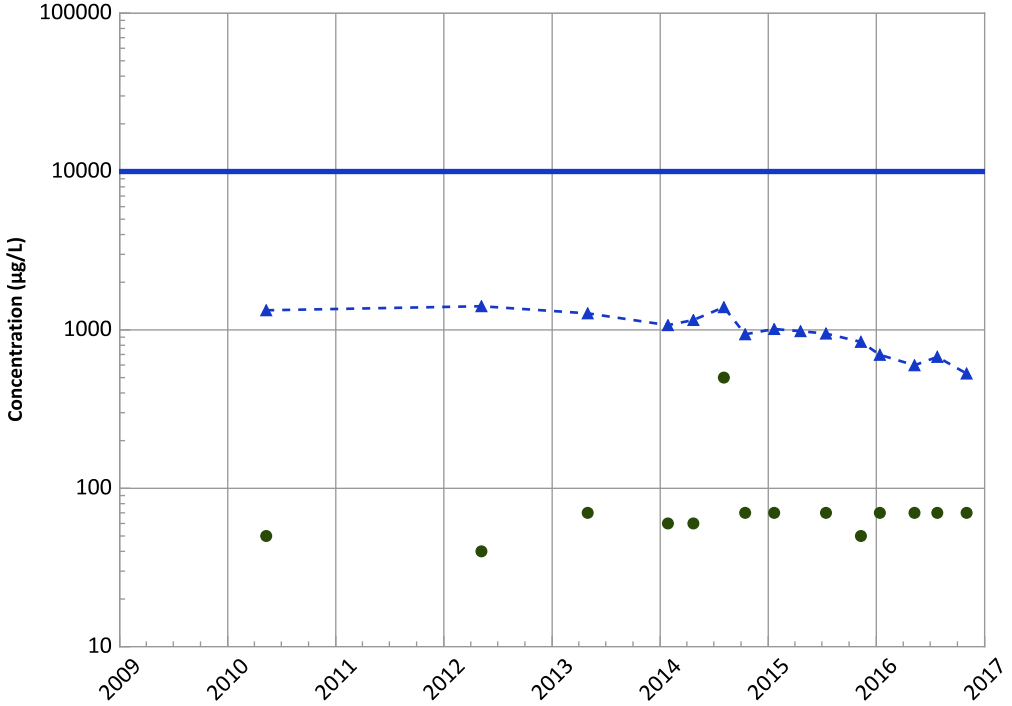


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
No Trend

Nitrate as N Trend



Concentration Trend

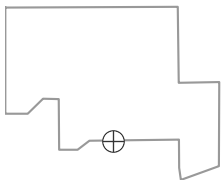
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

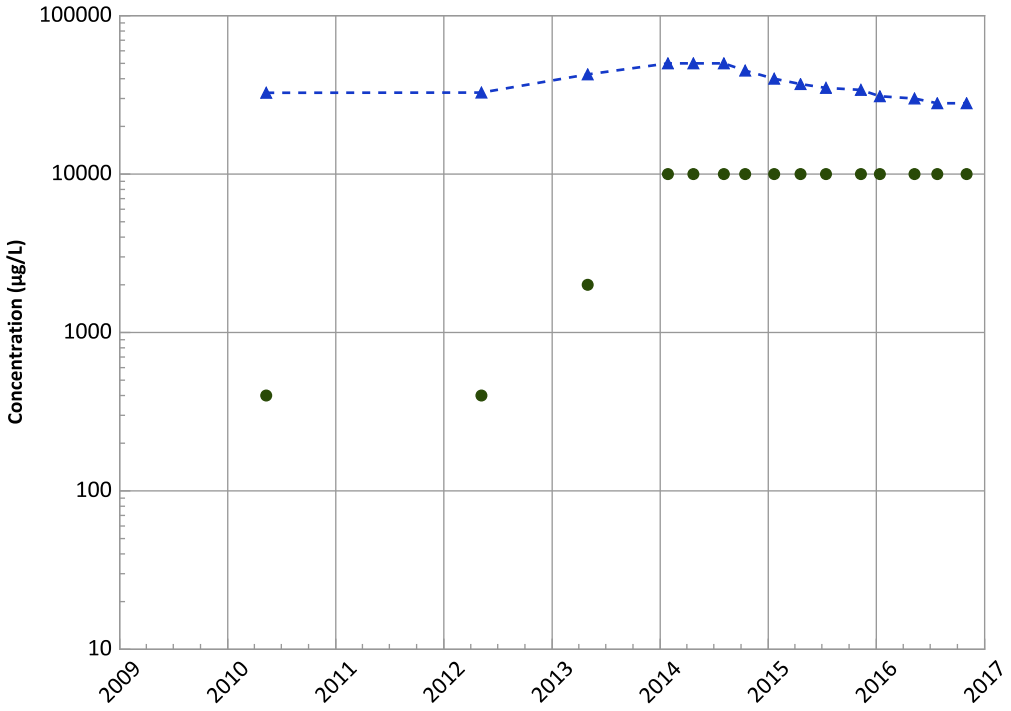
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend

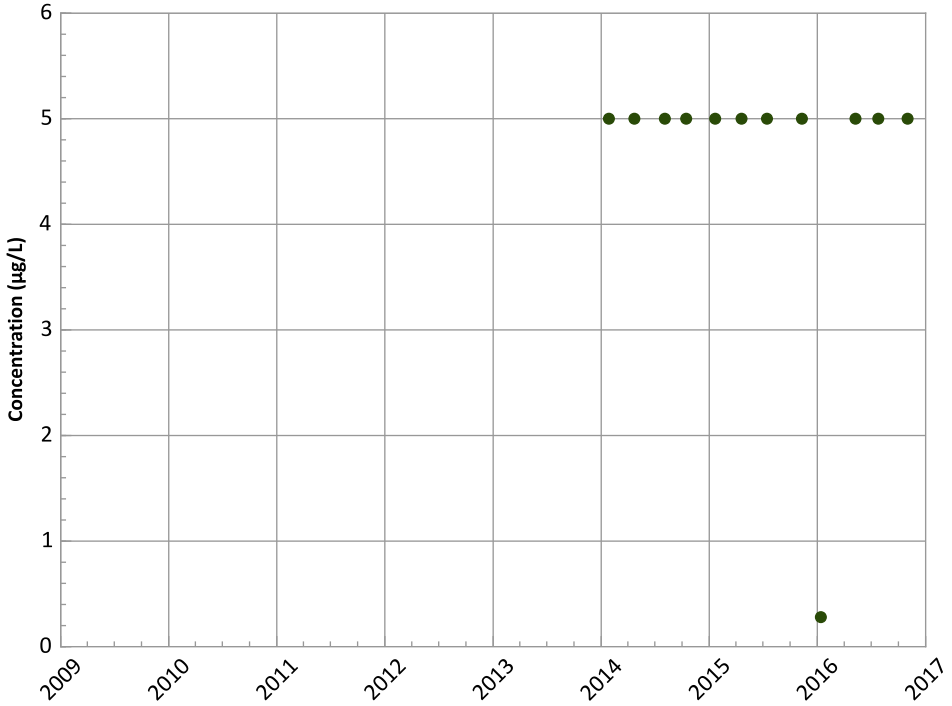


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
Decreasing

Ethene (Ethylene) Trend



Concentration Trend

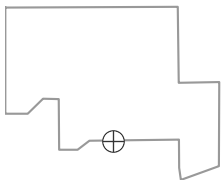
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

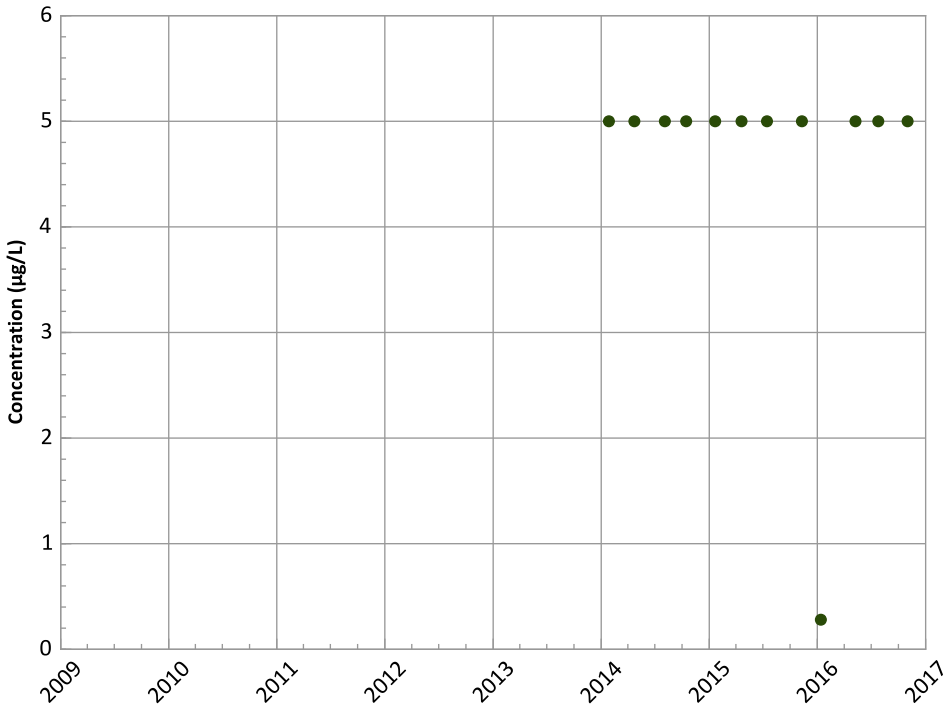
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethane Trend

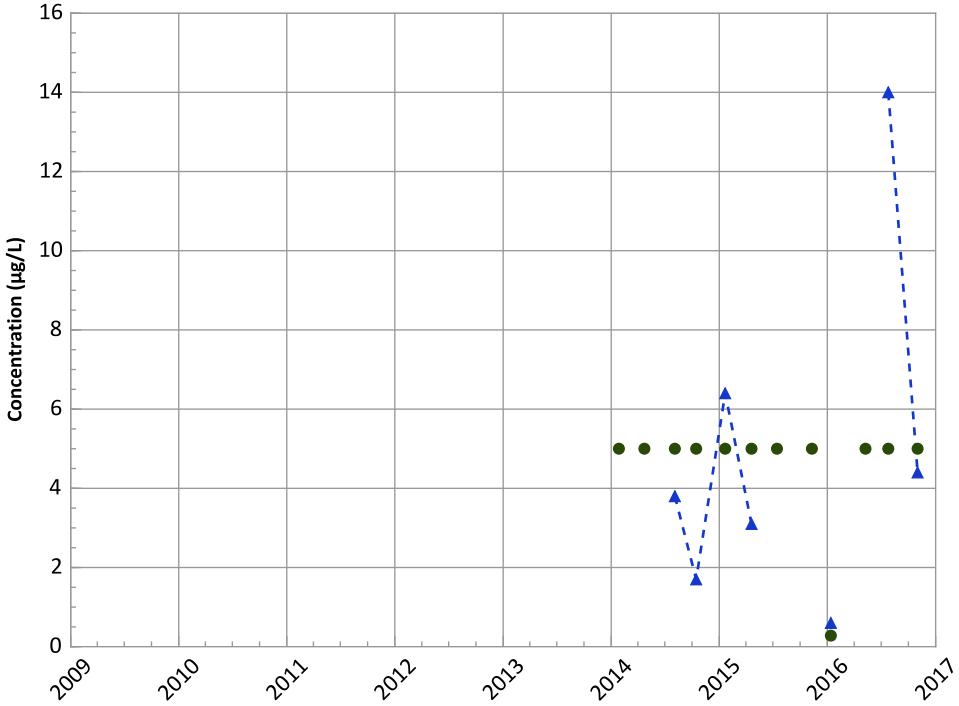


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Methane Trend



Concentration Trend

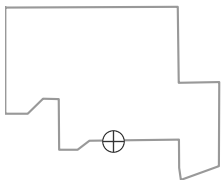
MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
No Trend

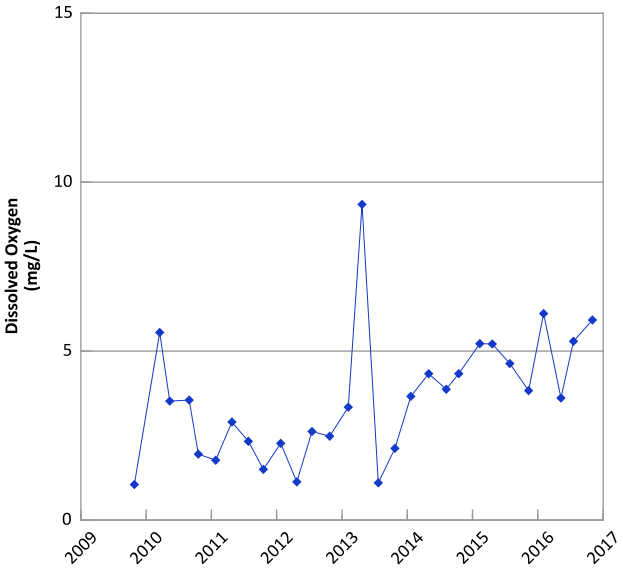
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 08/26/2009 to 11/01/2016
Analysis Date: 03/07/2017

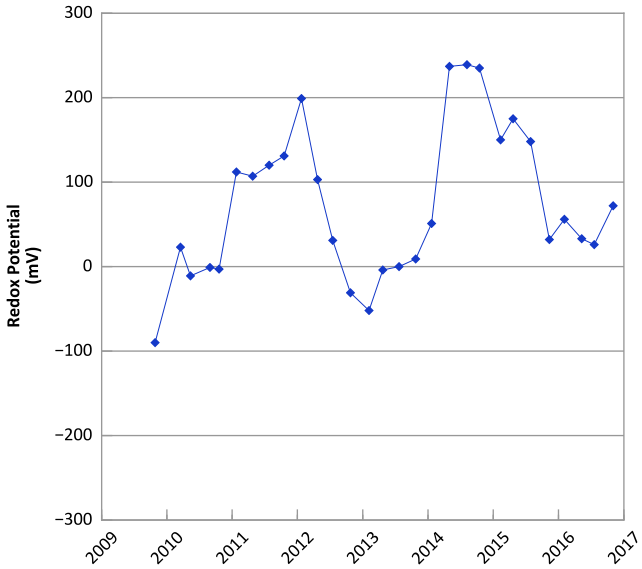
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

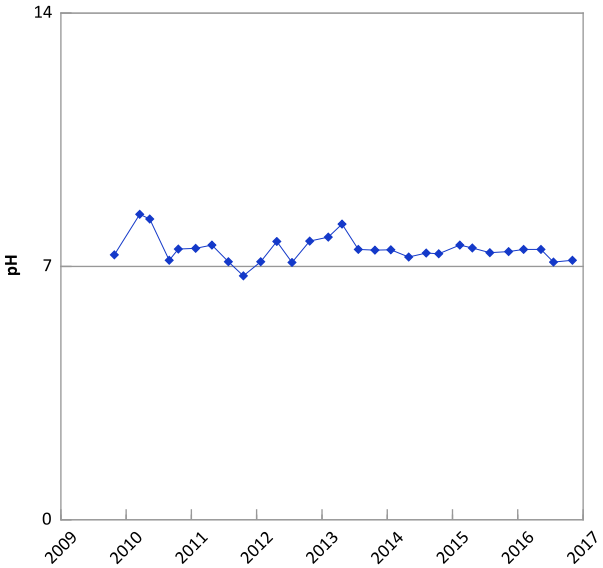
Well Location

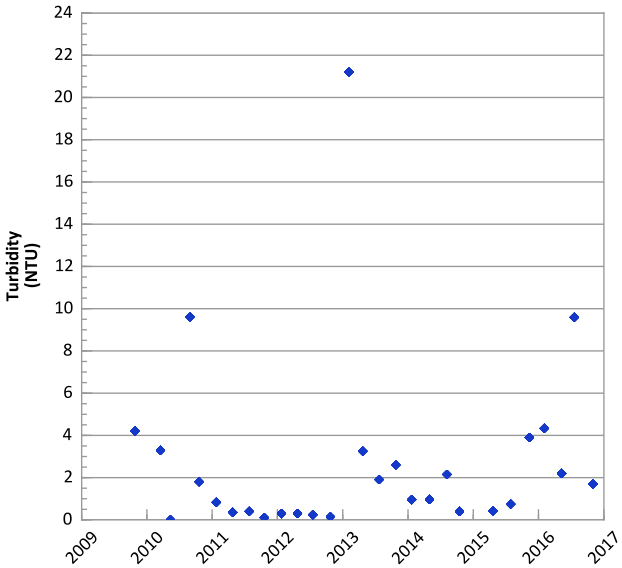


PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



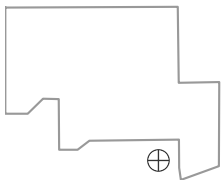






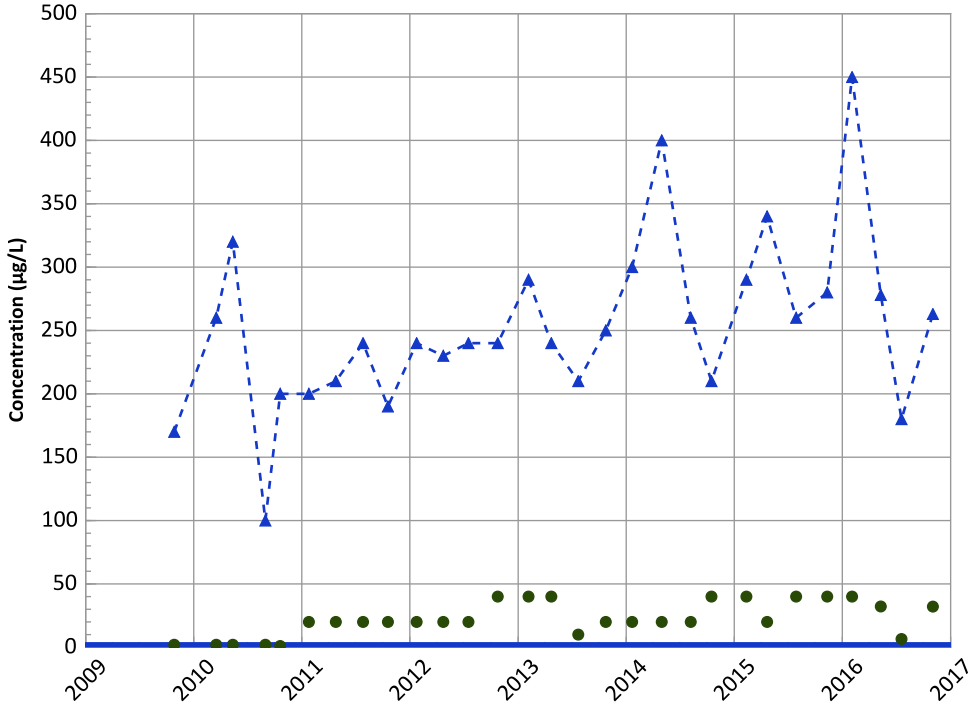
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

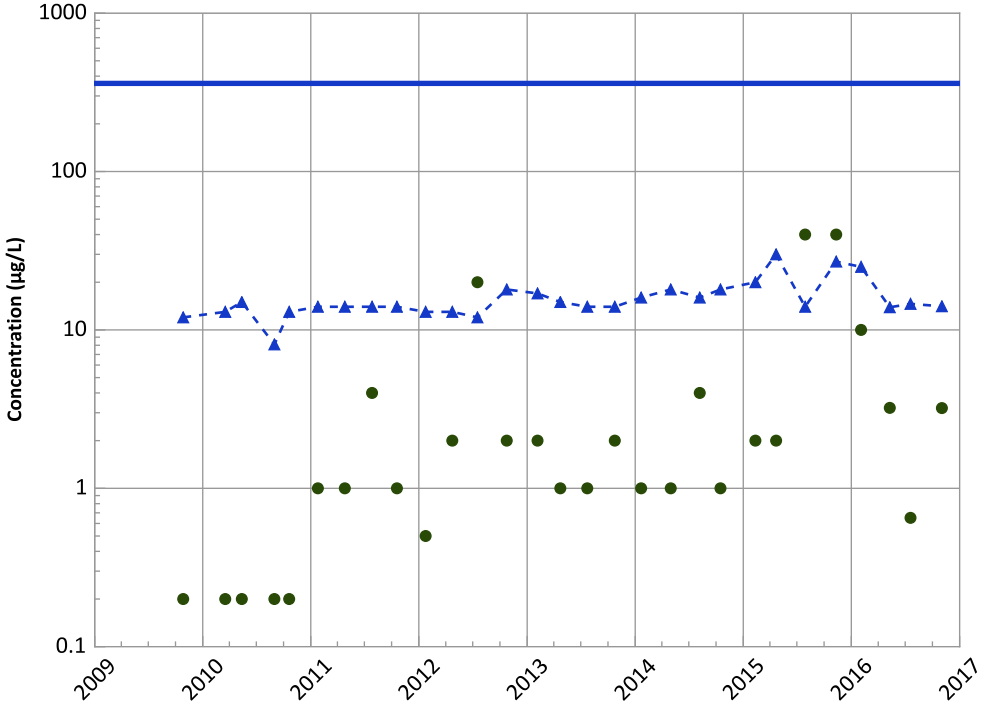


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Stable

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

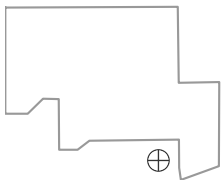
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Probably Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

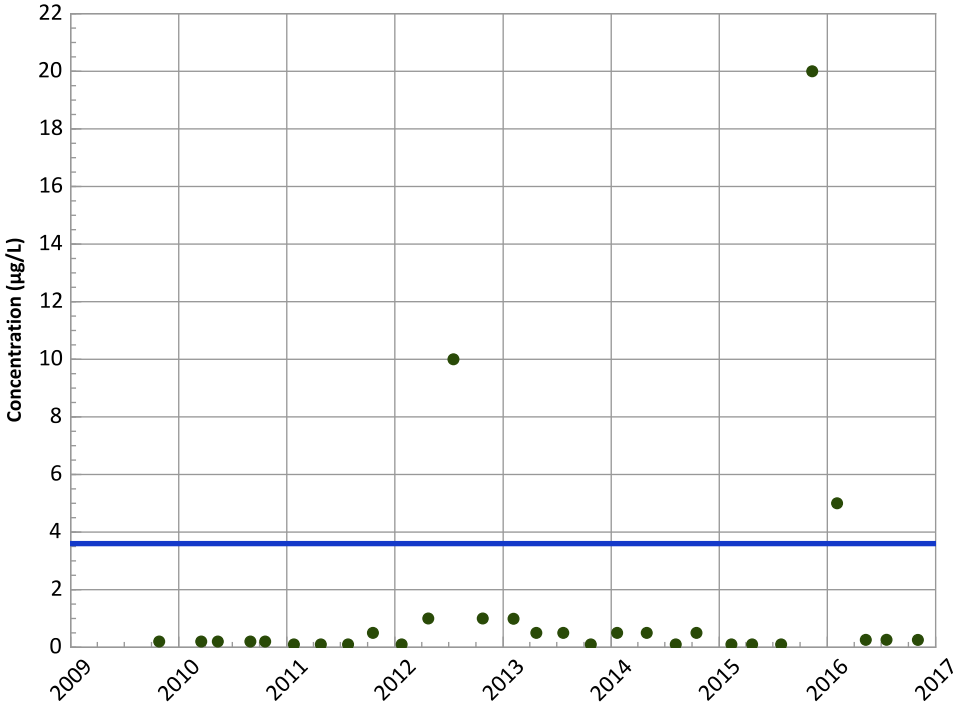
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

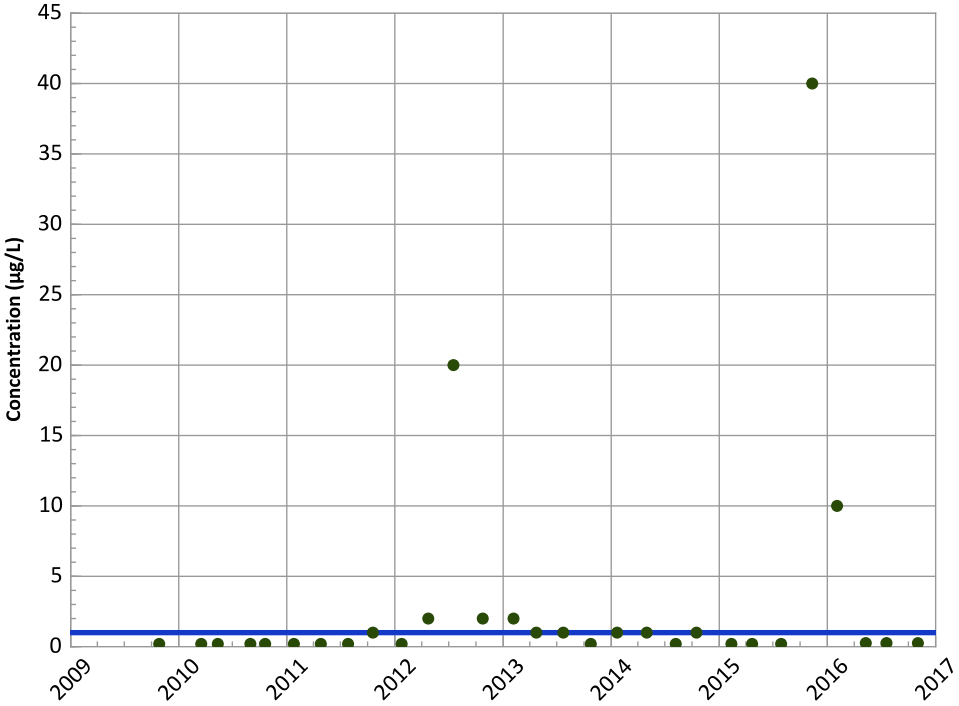


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

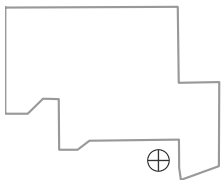
MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

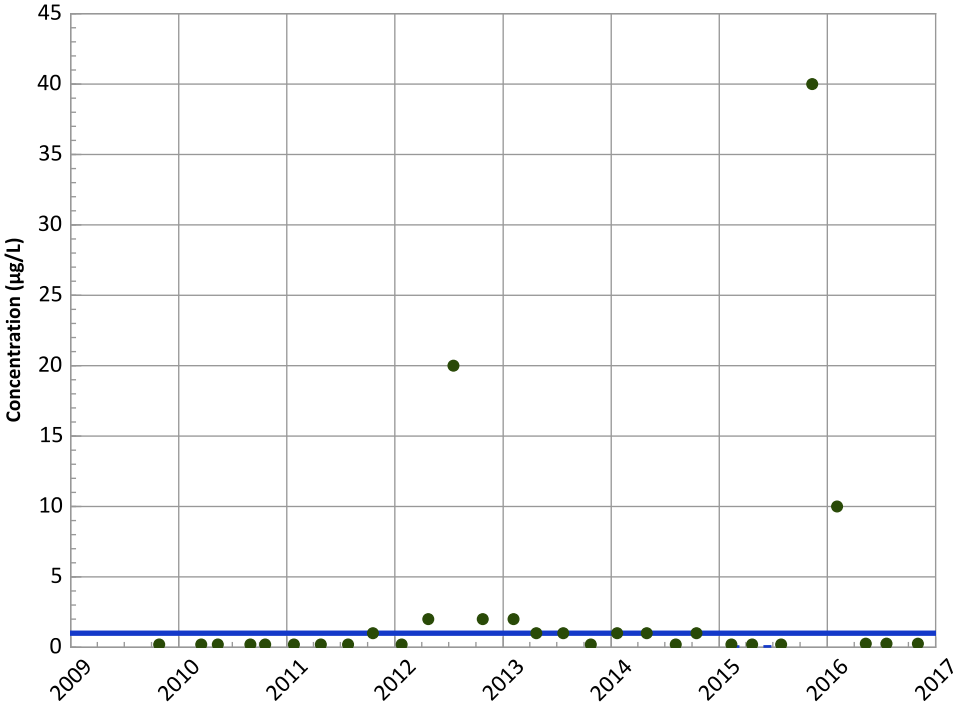
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

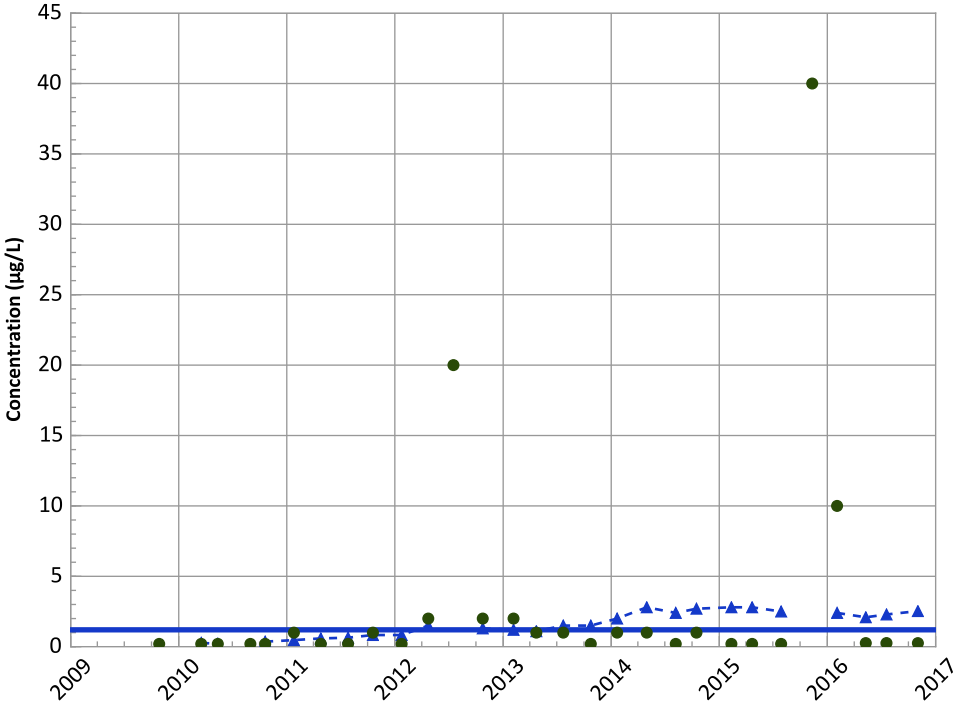


Concentration Trend

MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
No Trend

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

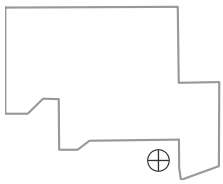
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

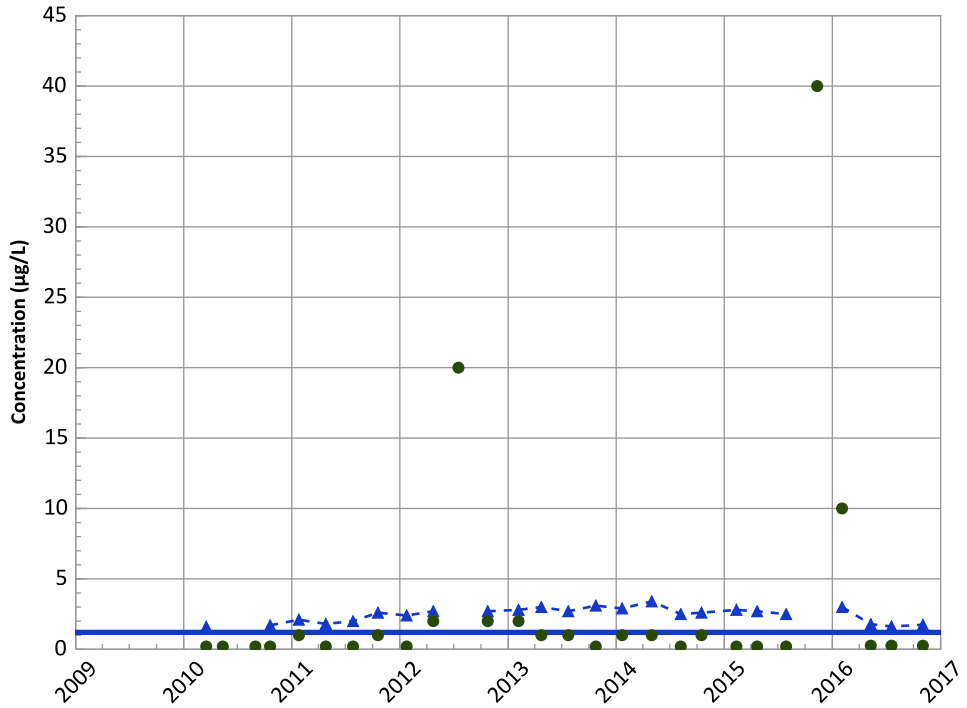
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

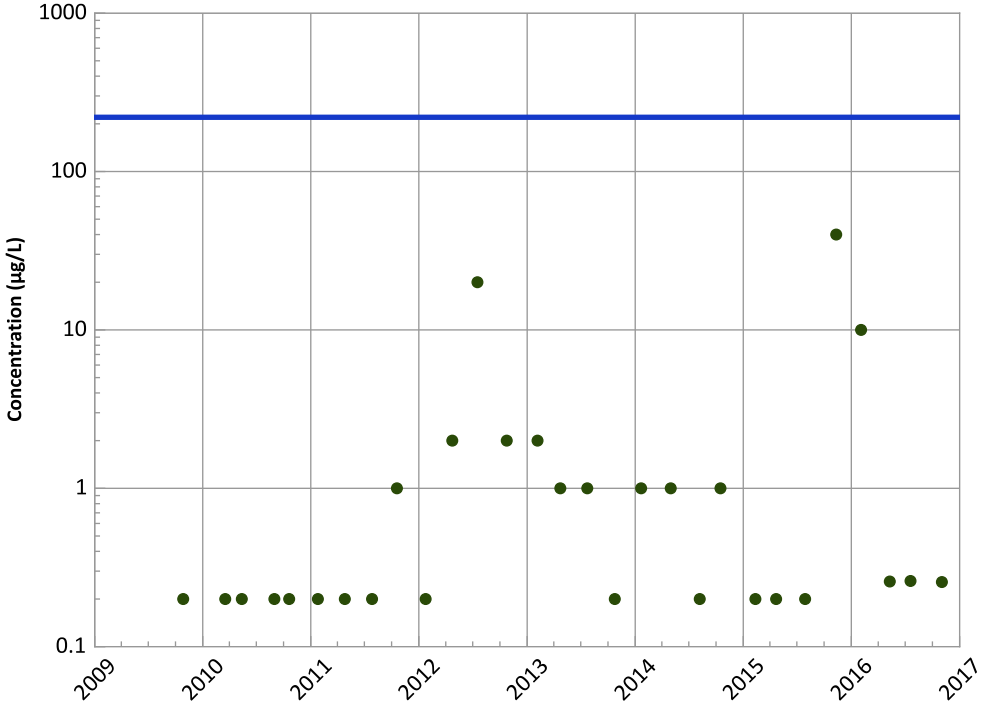


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

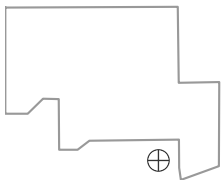
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

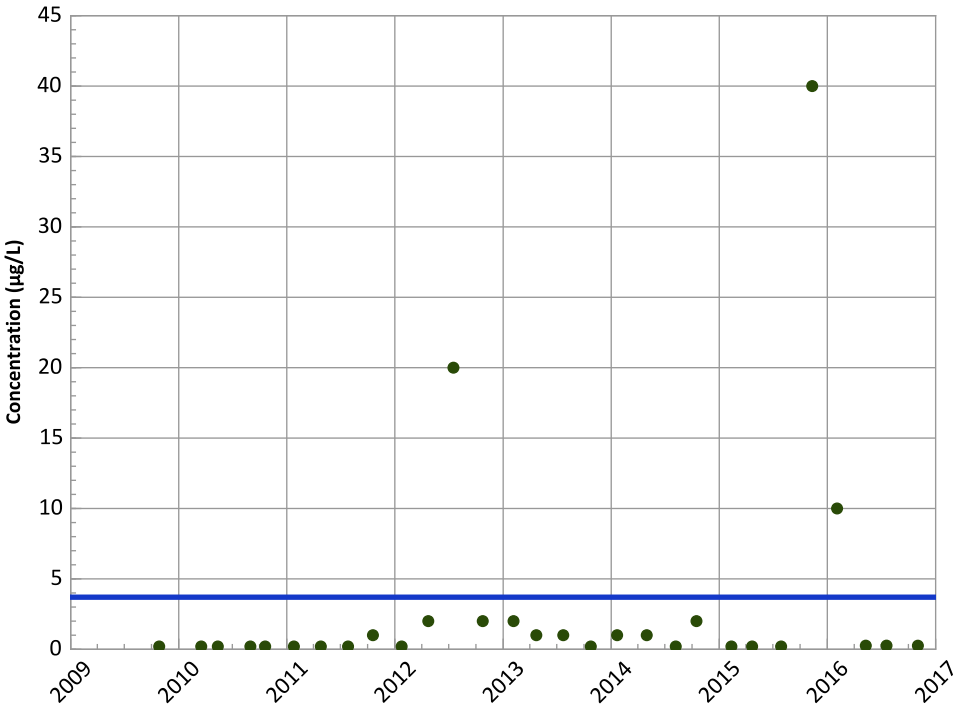
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

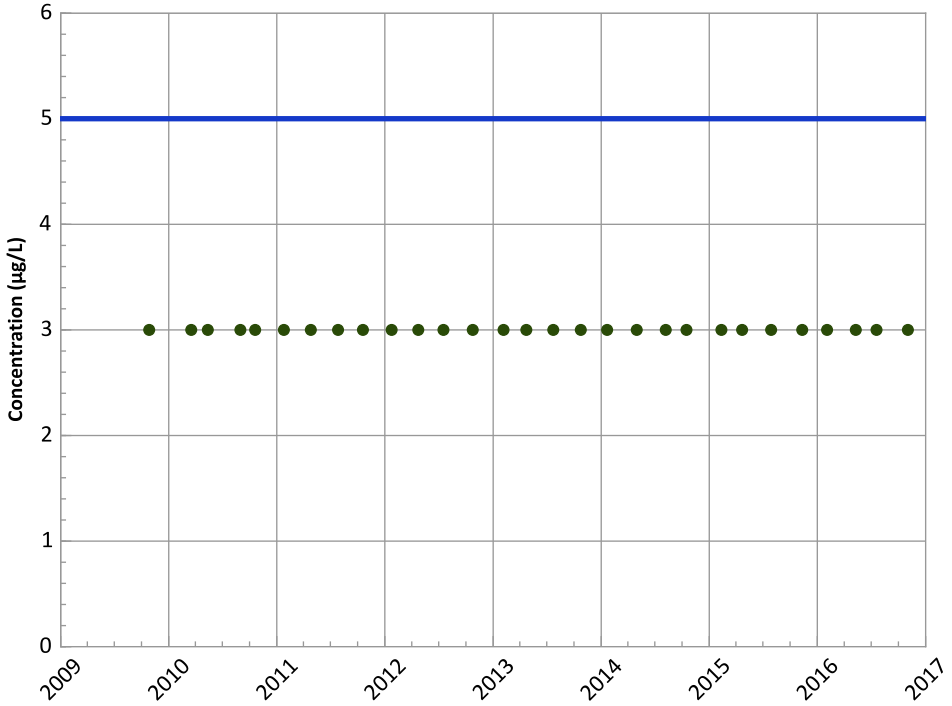


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

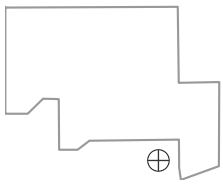
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

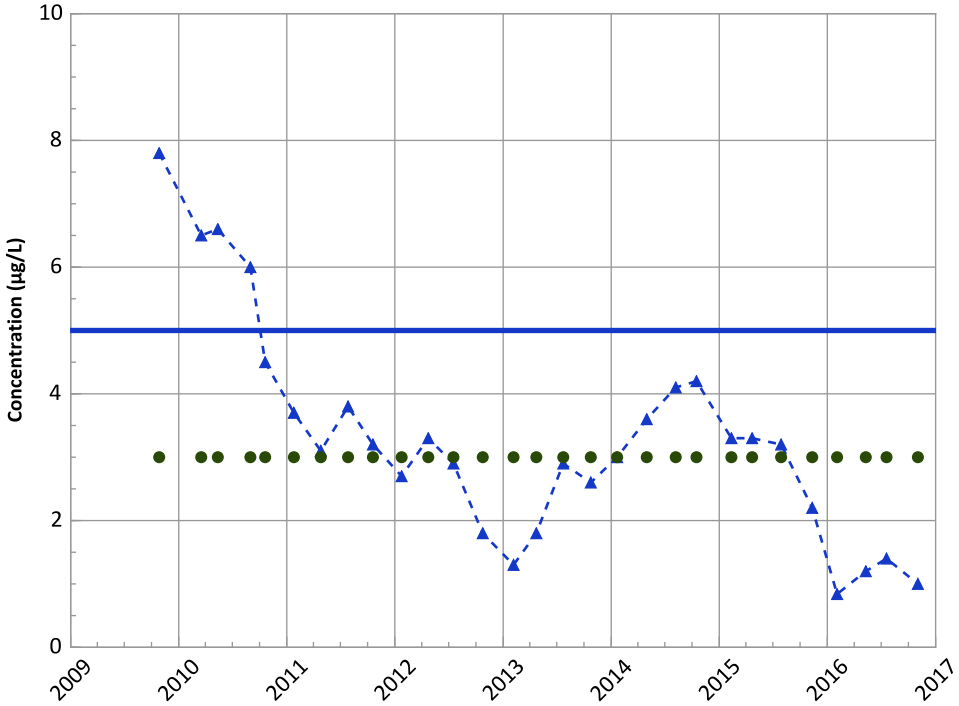
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

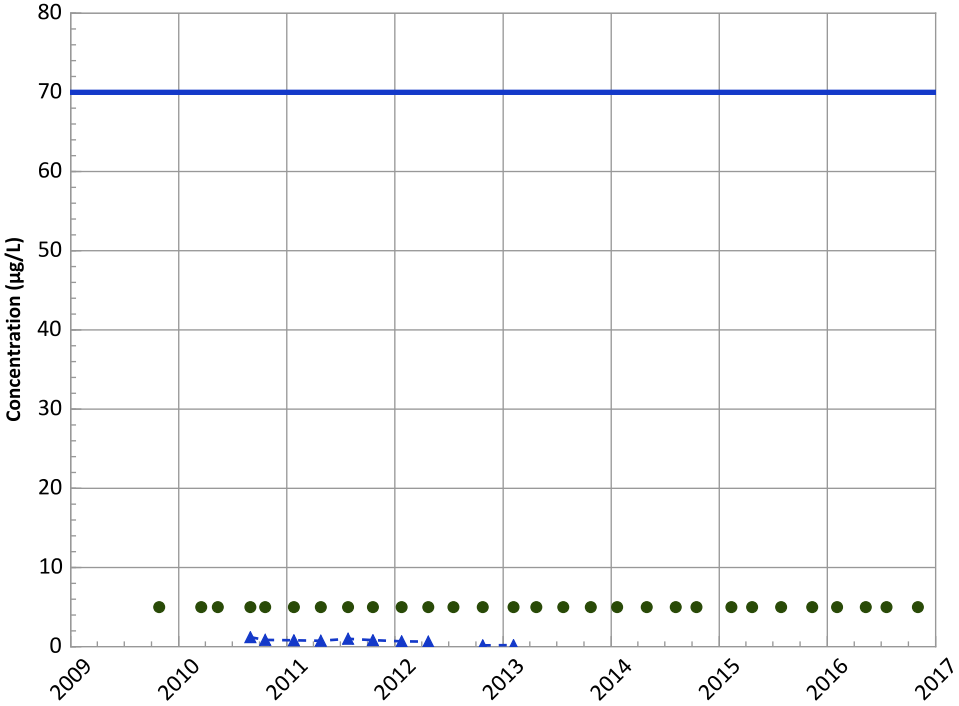


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

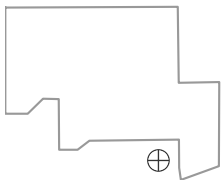
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Probably Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

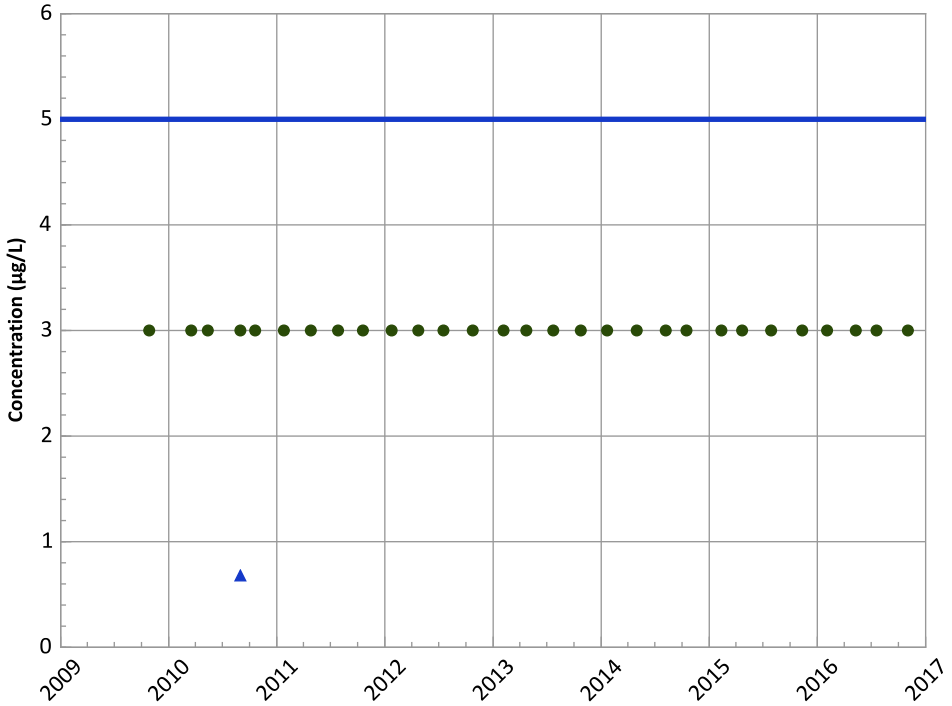
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

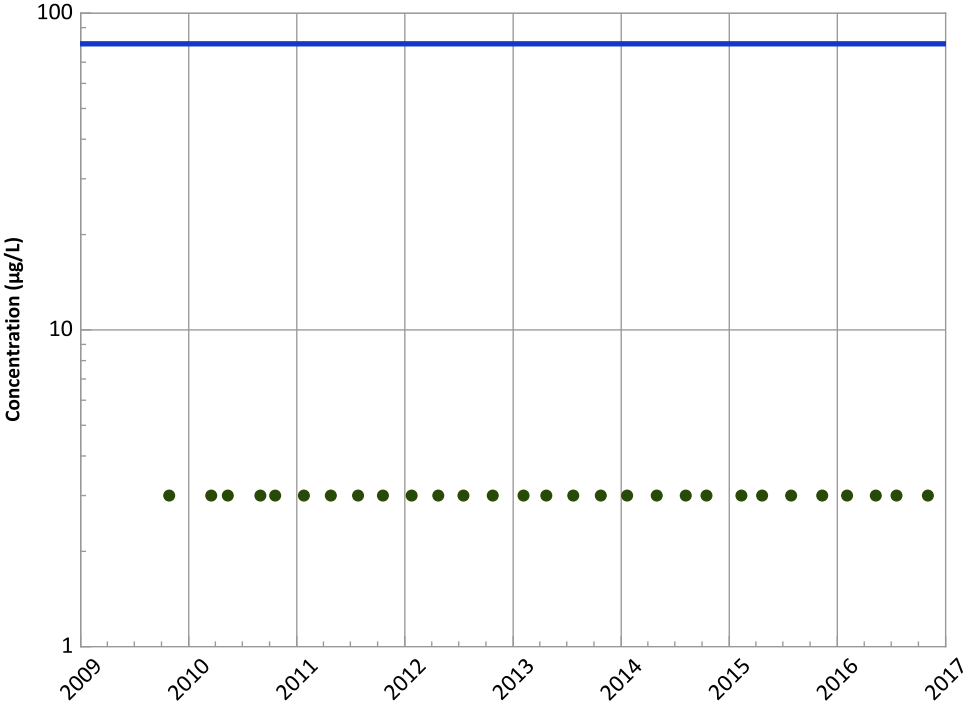


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

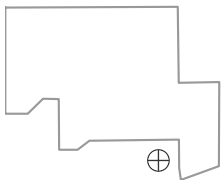
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

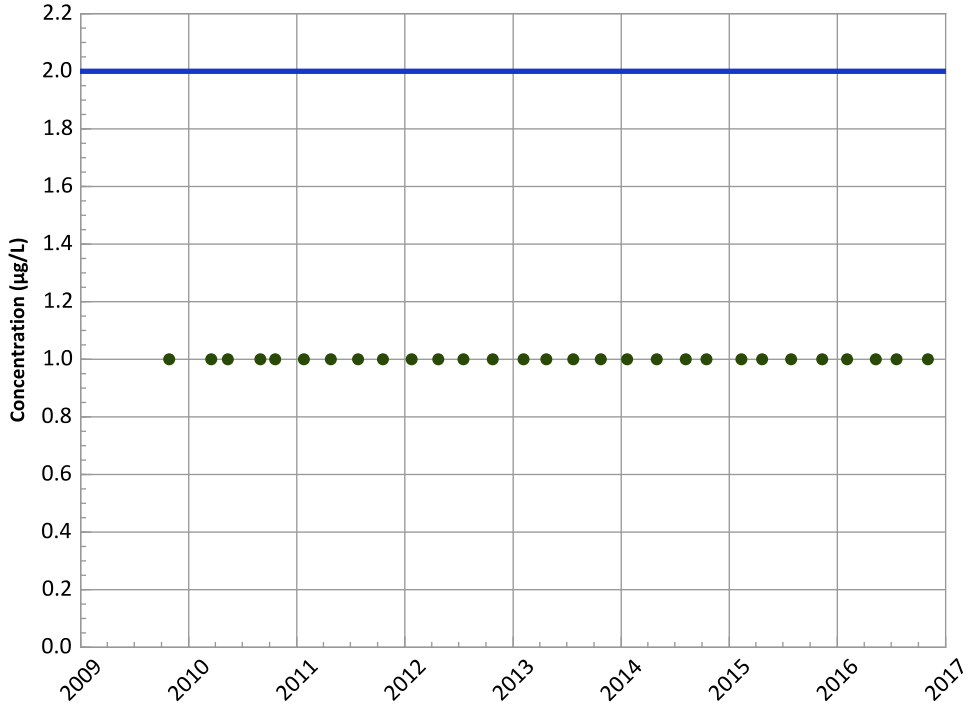
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

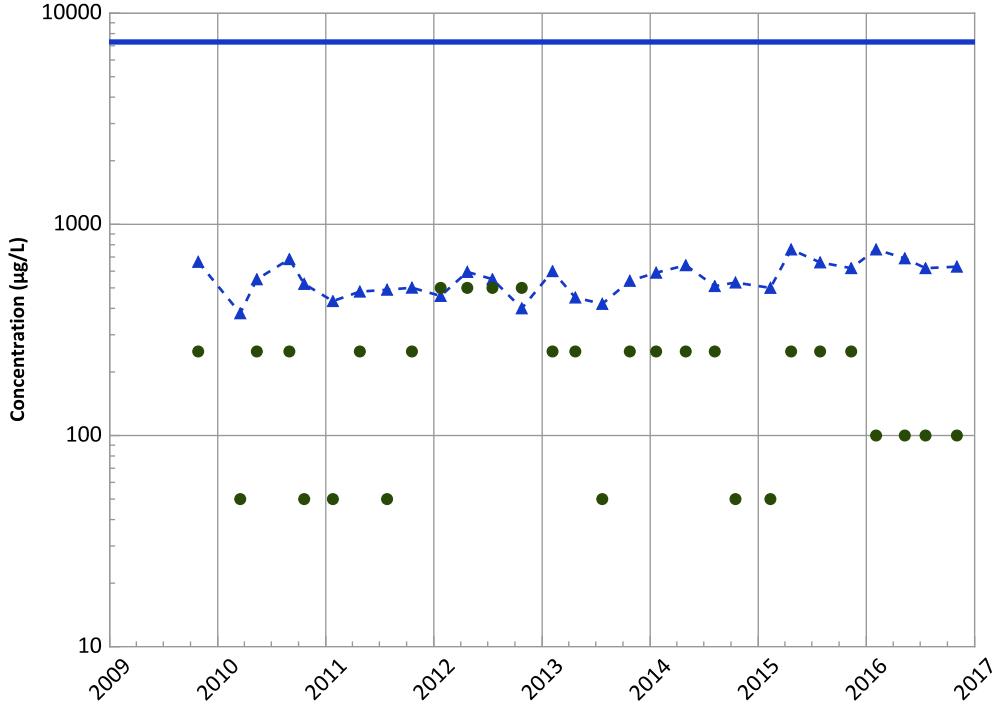


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Boron Trend



Concentration Trend

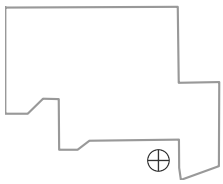
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

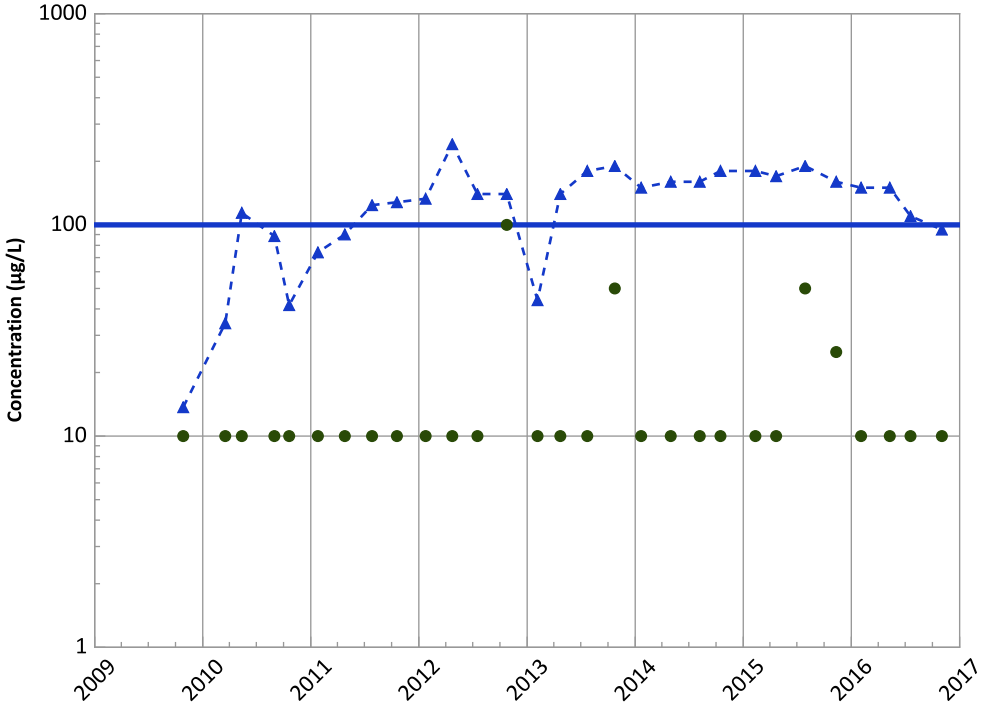
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

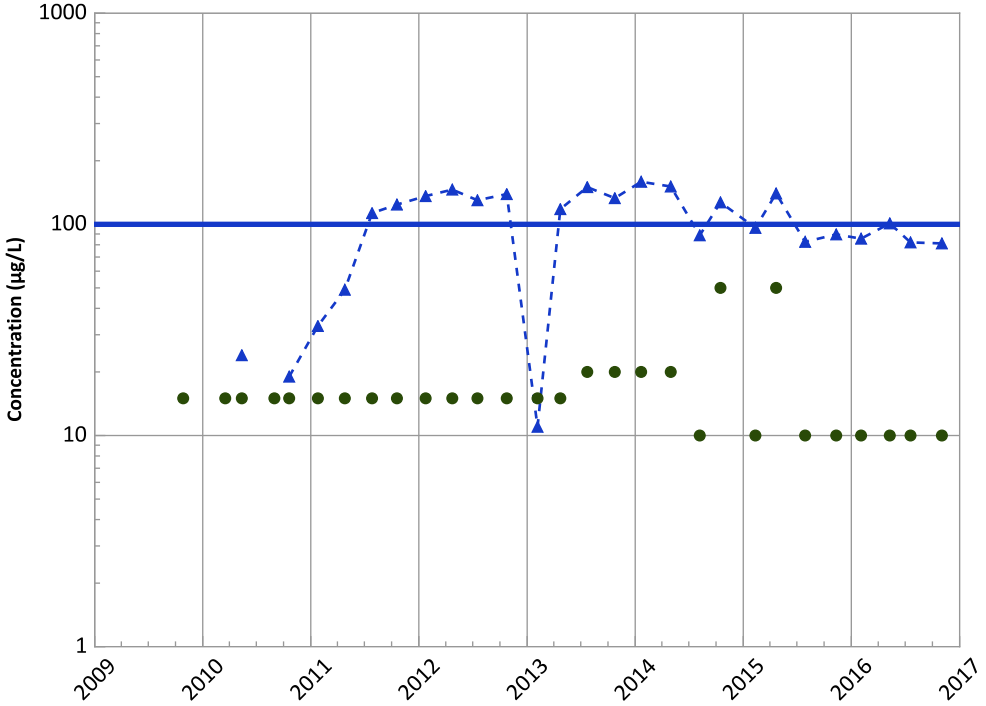


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Probably Decreasing

Chromium, Hexavalent Trend



Concentration Trend

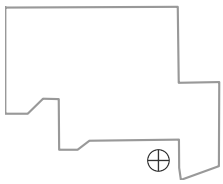
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

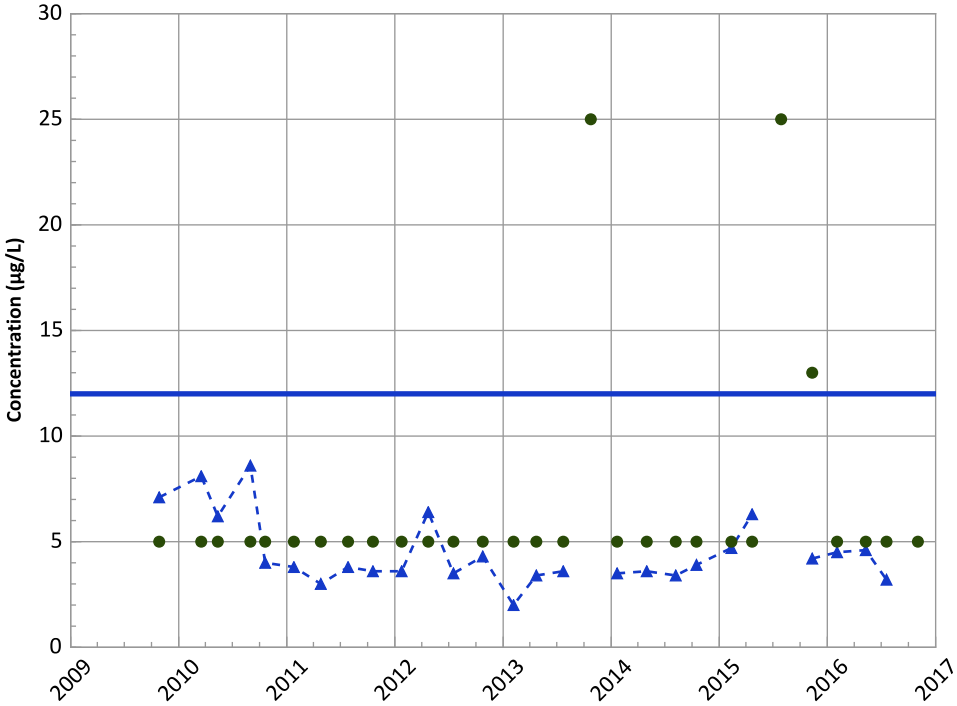
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

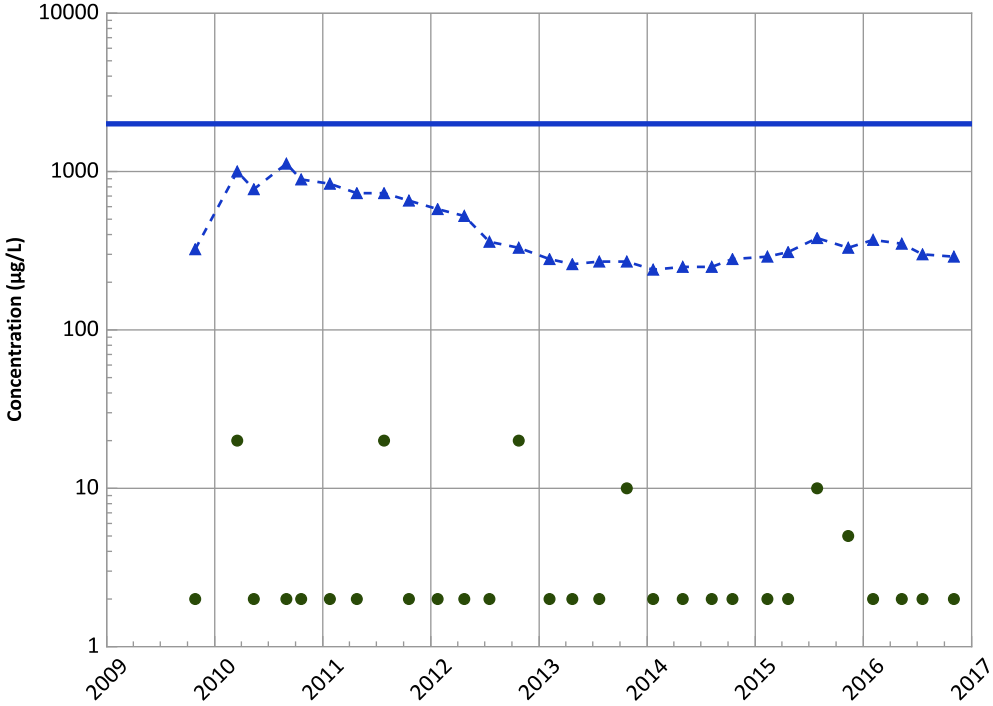


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
Probably Decreasing
2014 - 2016 Data:
Stable

Barium Trend

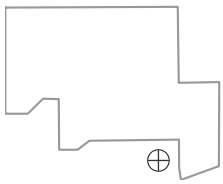


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

Well Location

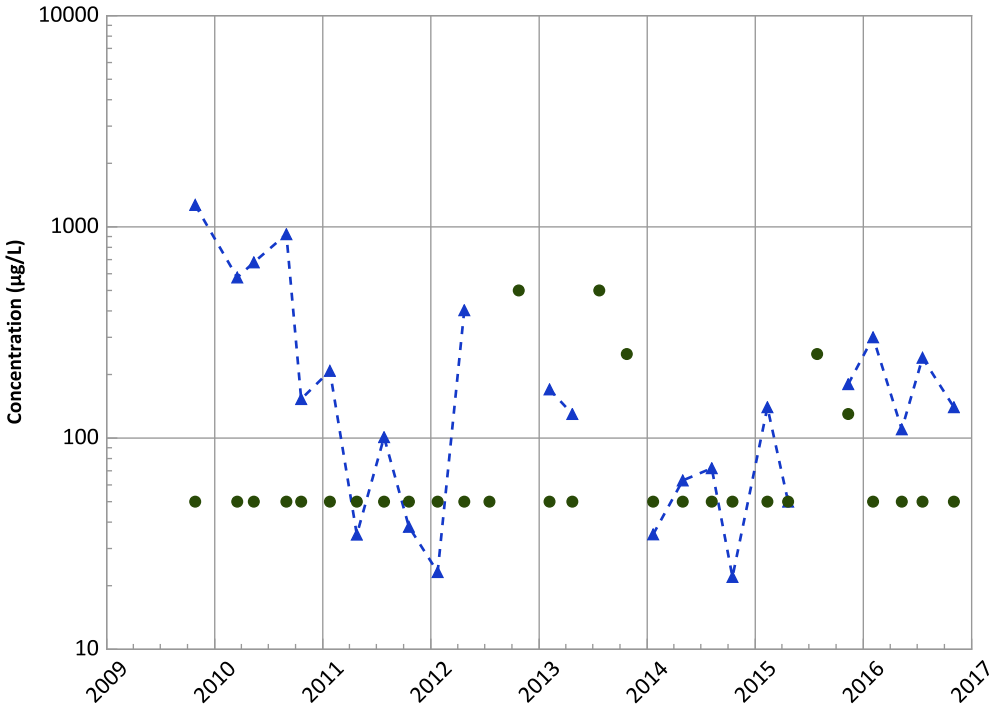


Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

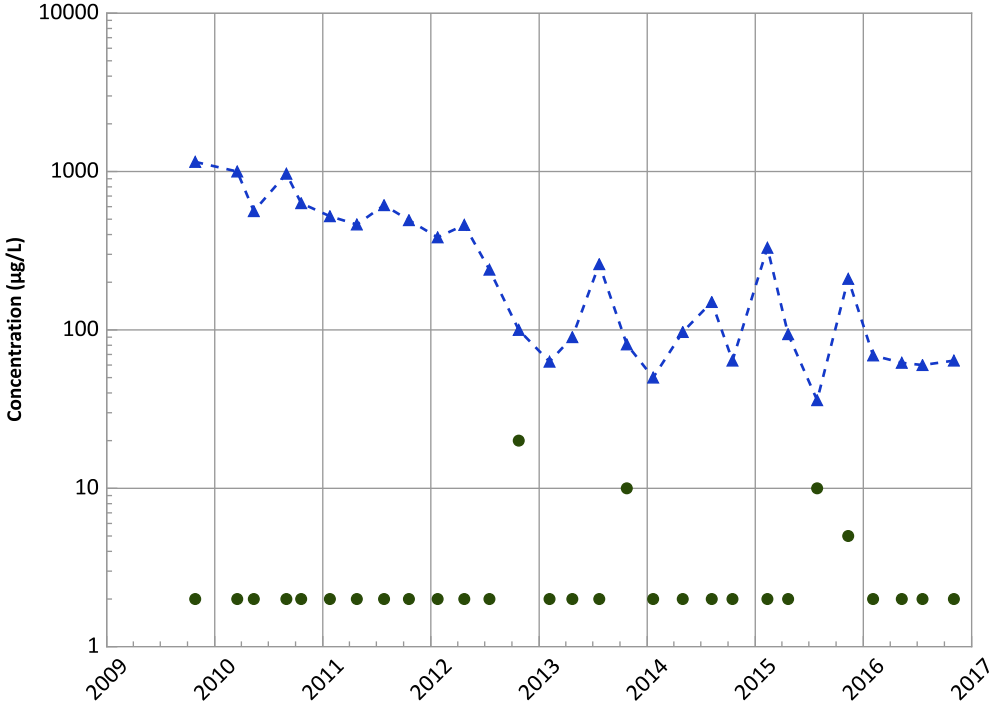


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Probably Decreasing
2014 - 2016 Data:
Stable

Manganese Trend



Concentration Trend

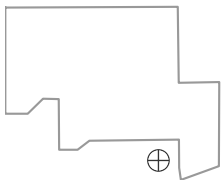
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

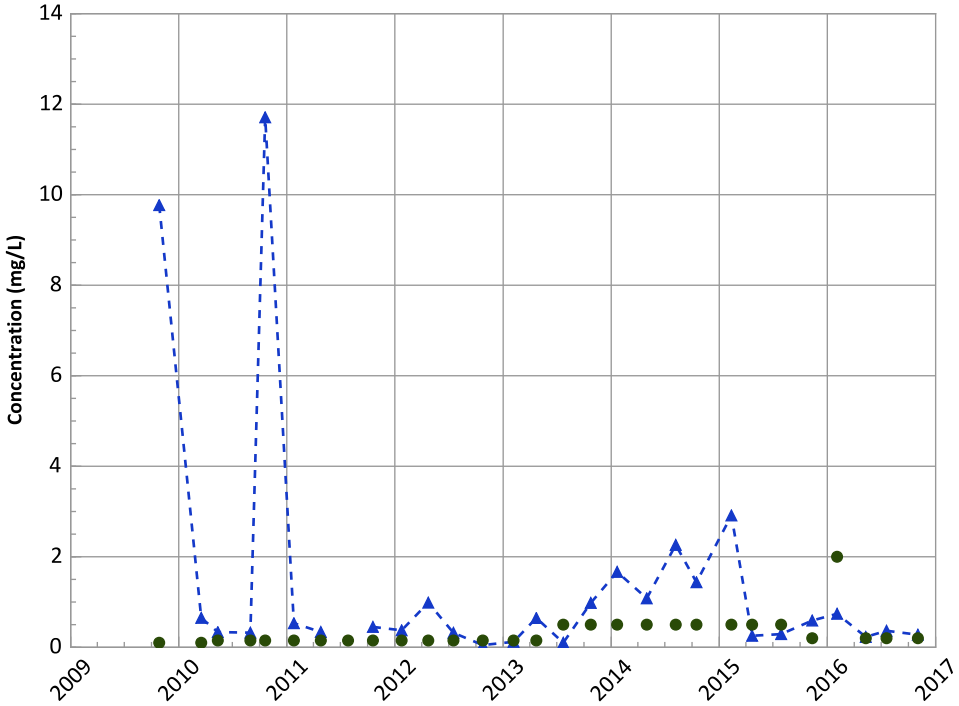
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend

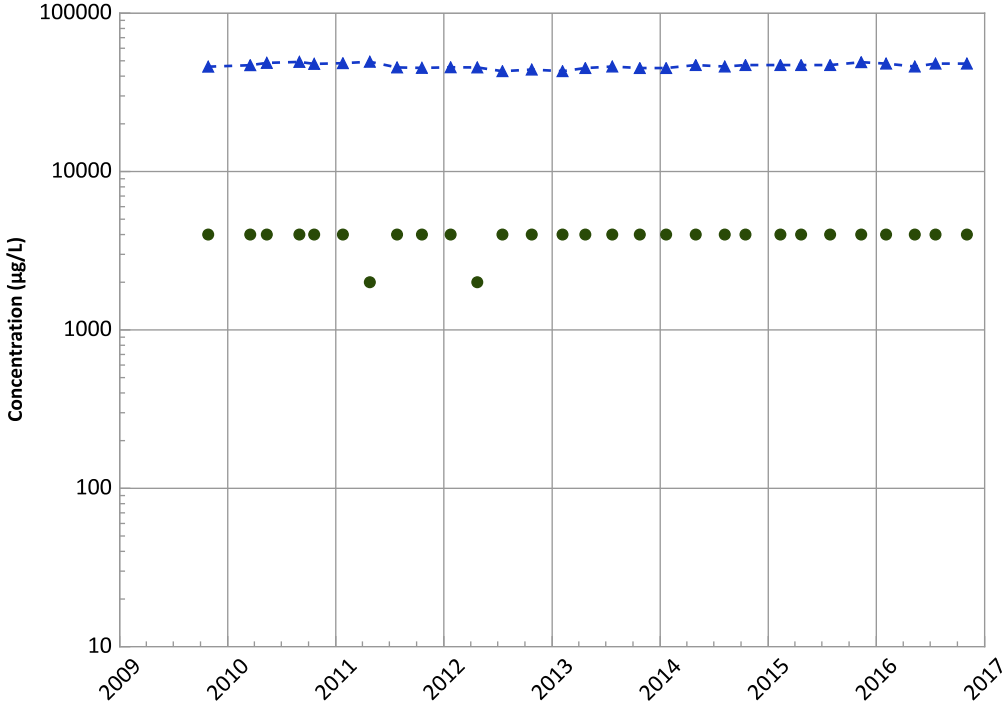


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Stable

Chloride (as Cl) Trend



Concentration Trend

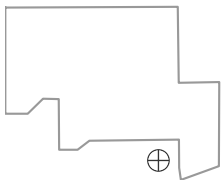
MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

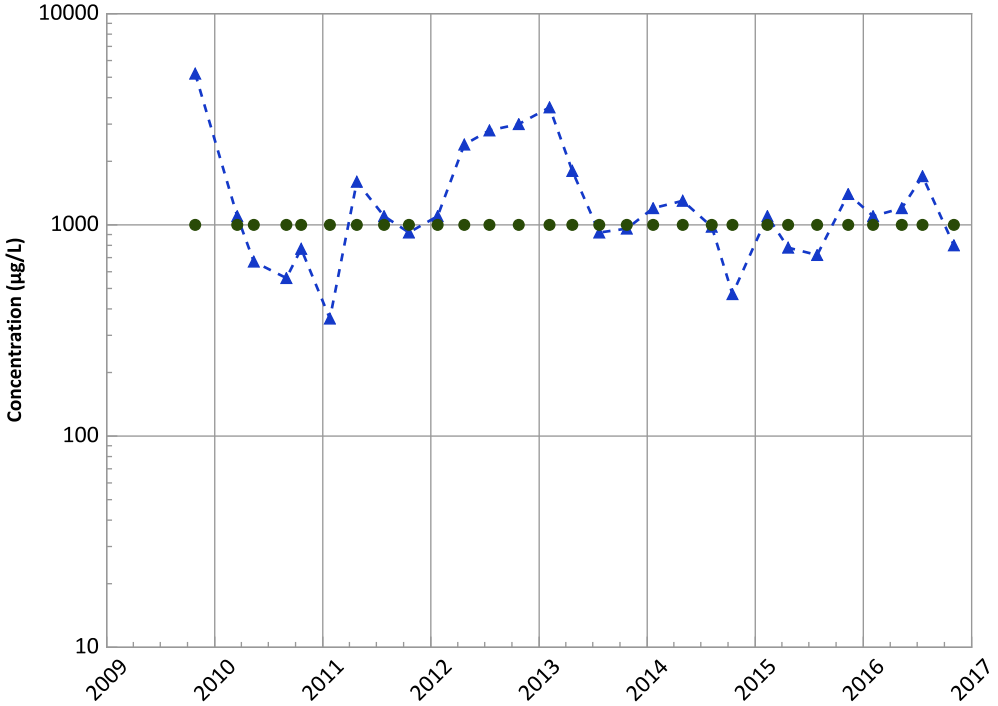
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

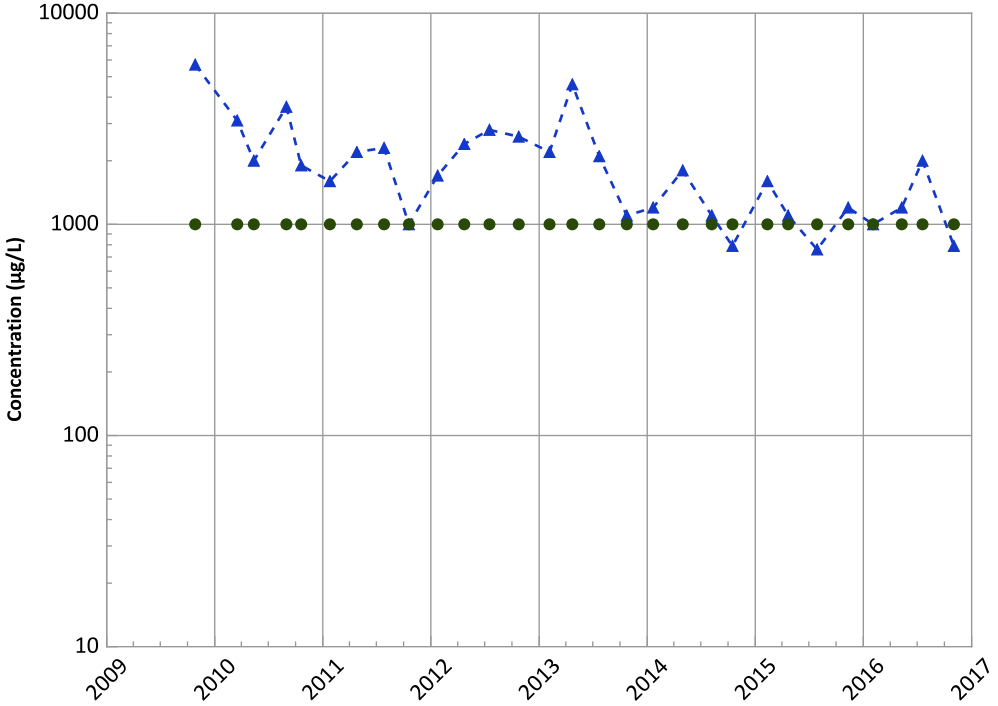


Concentration Trend

MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
Stable

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
Stable

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

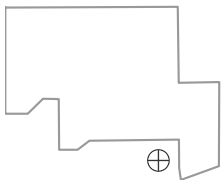
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Stable

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

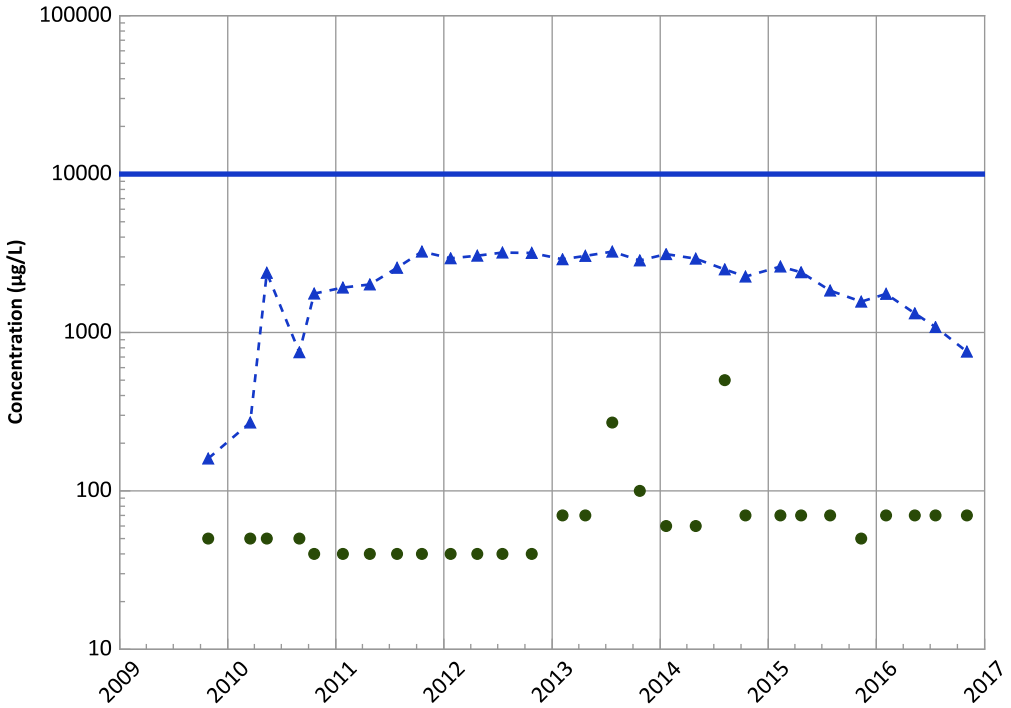
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

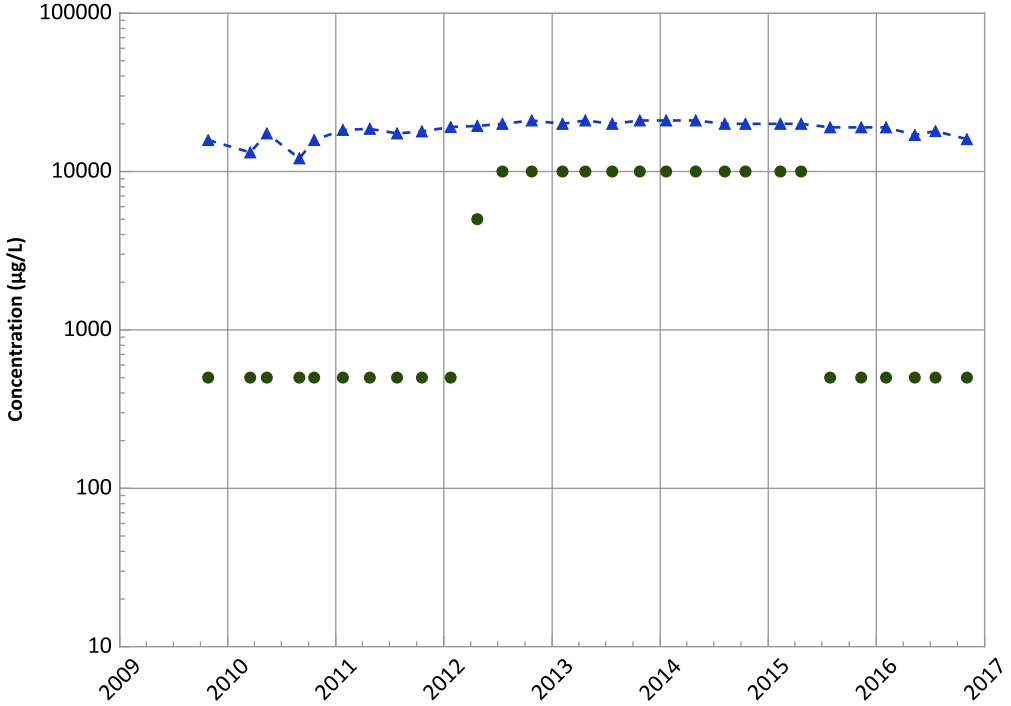


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Decreasing

Sulfate (as SO4) Trend



Concentration Trend

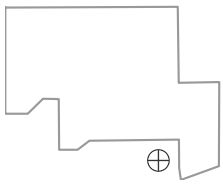
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Probably Decreasing

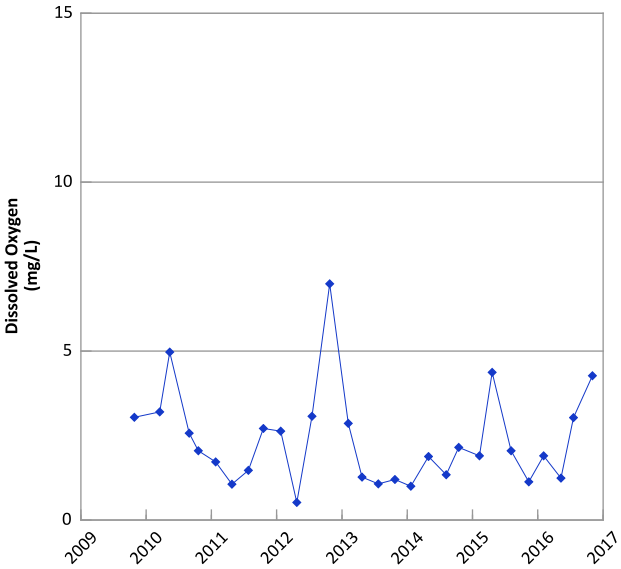
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

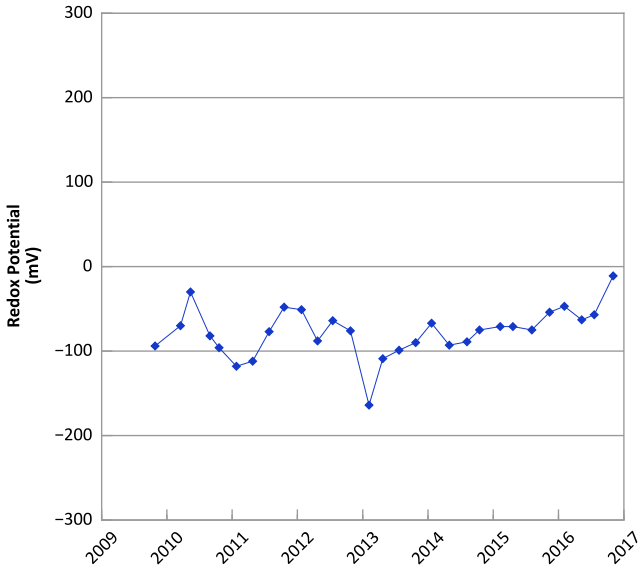
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

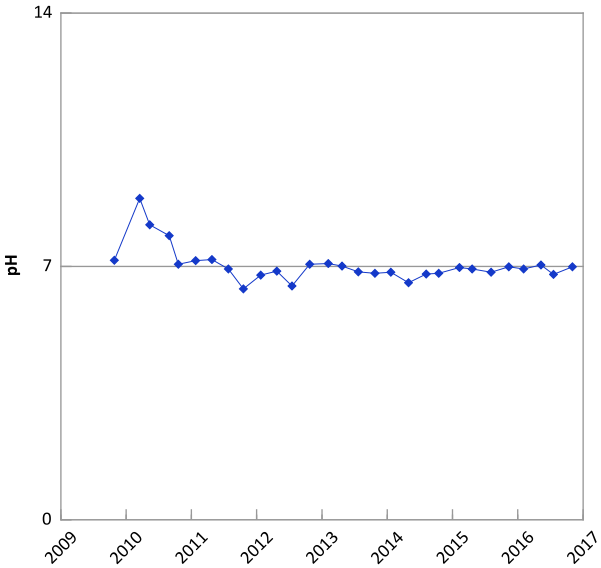
Well Location

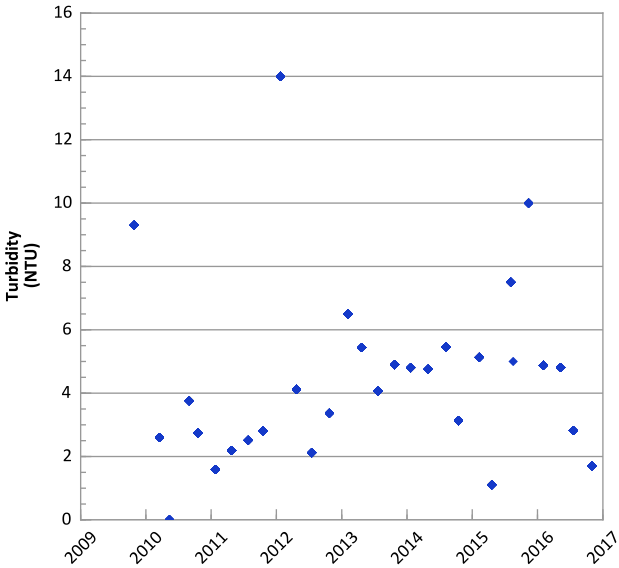


PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



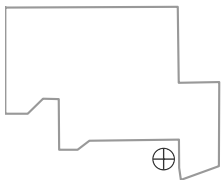






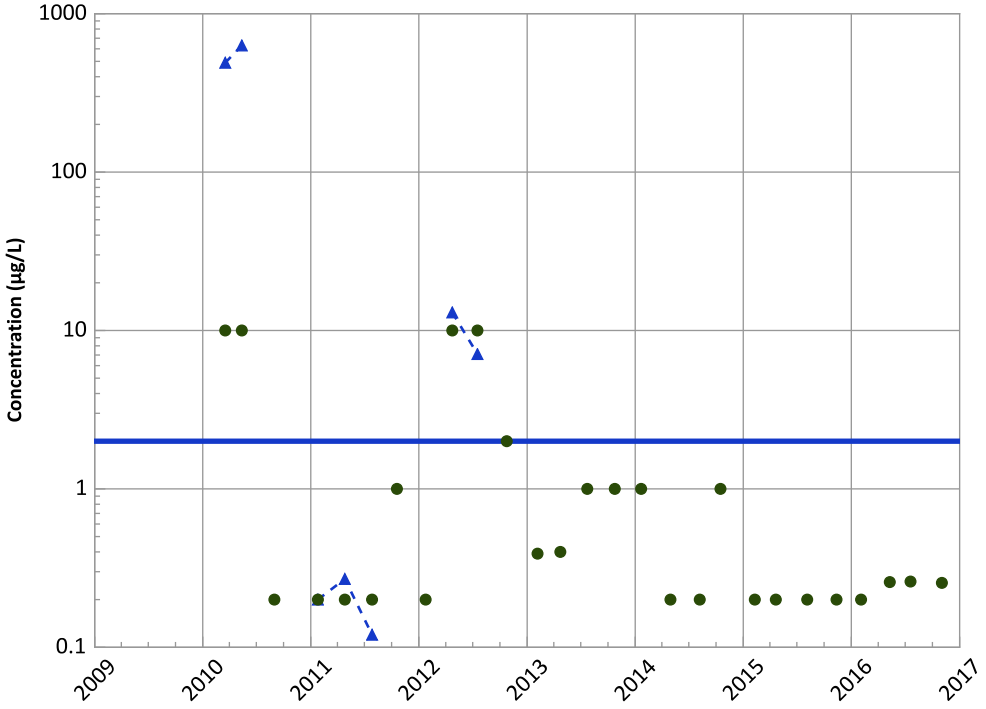
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

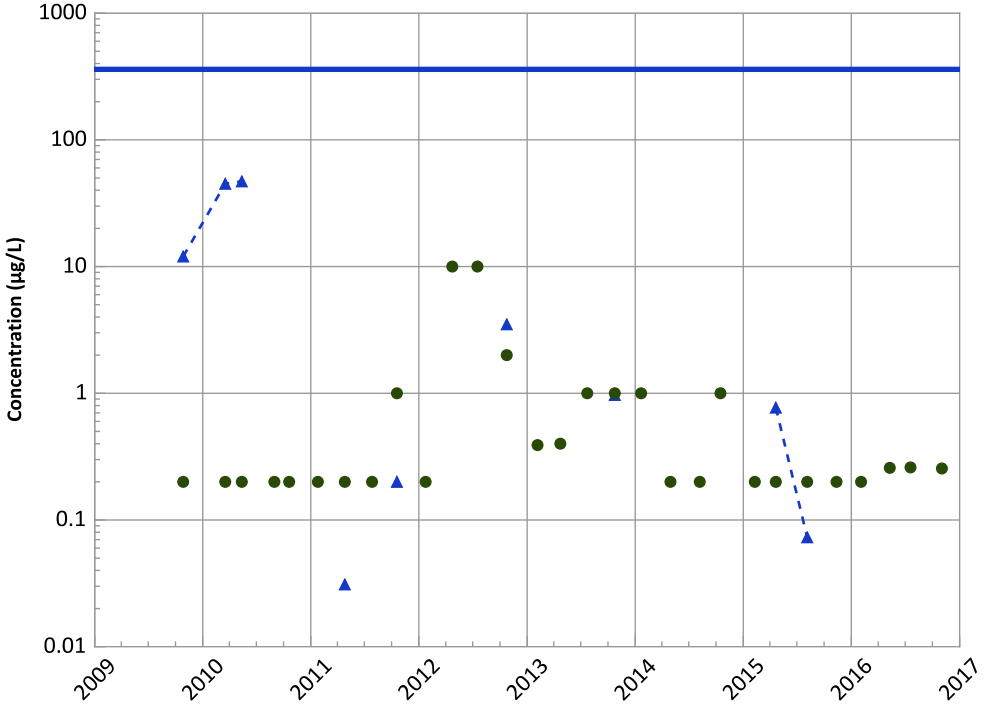


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

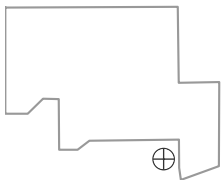
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
Probably Decreasing
2014 - 2016 Data:
Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

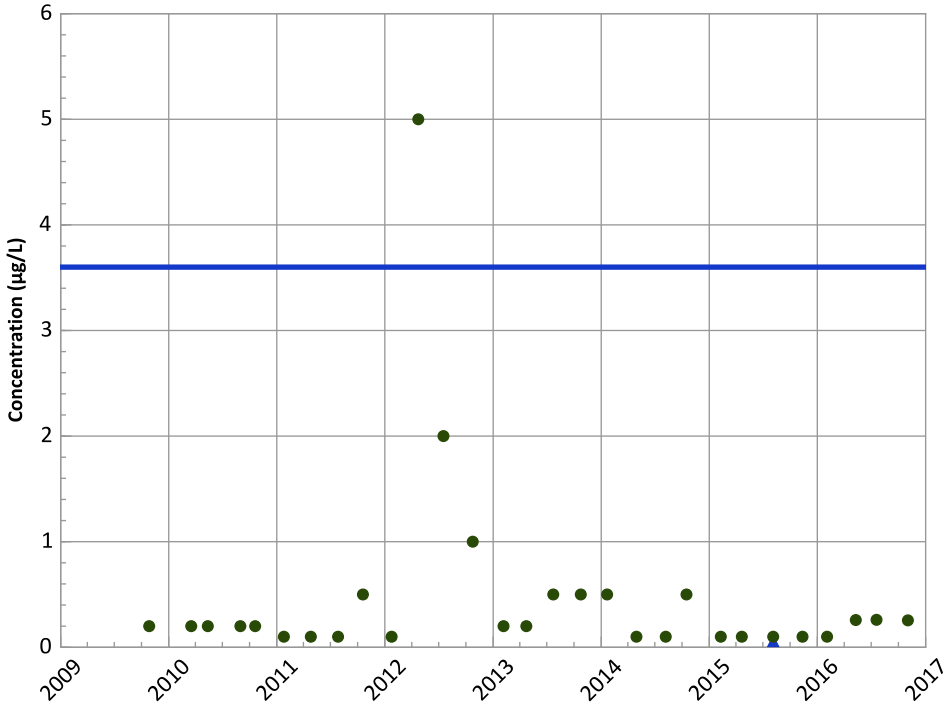
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

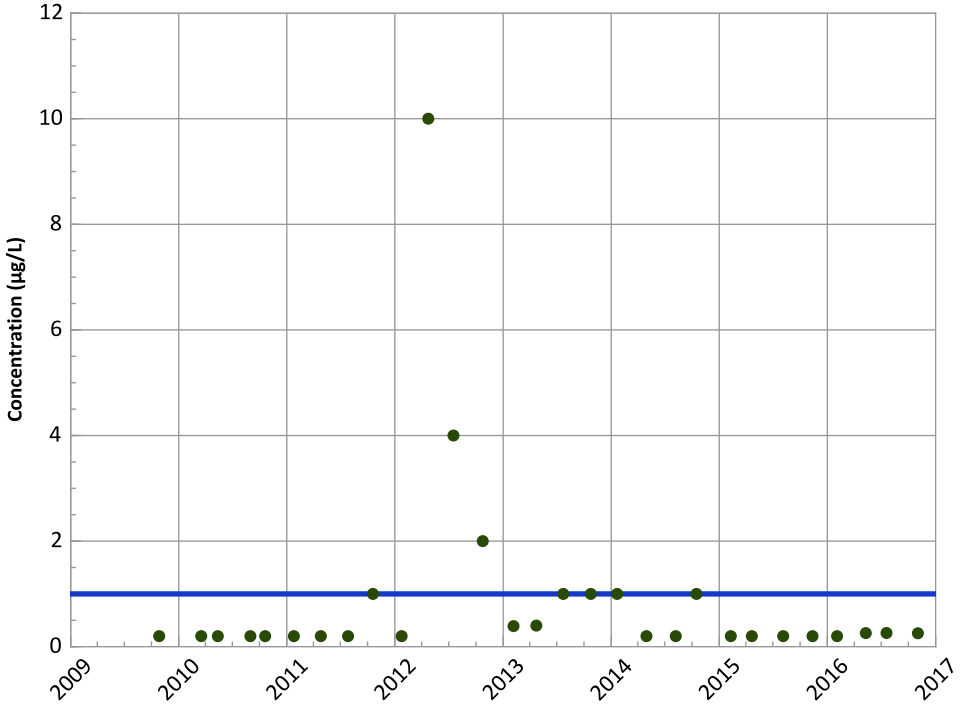


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend

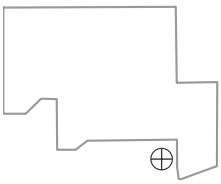


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Well Location

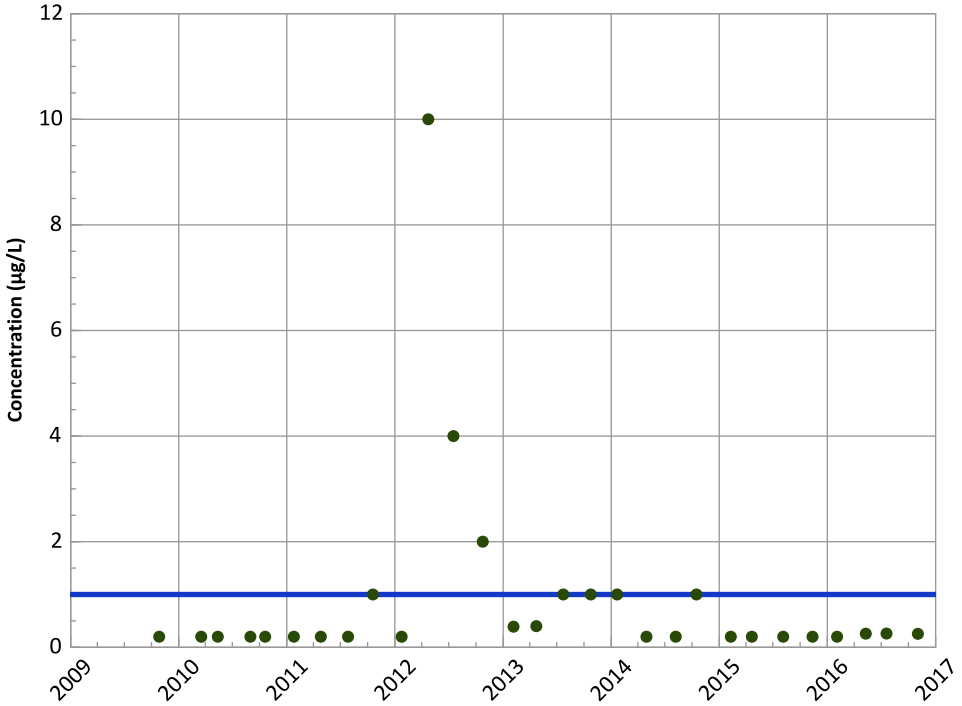


Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

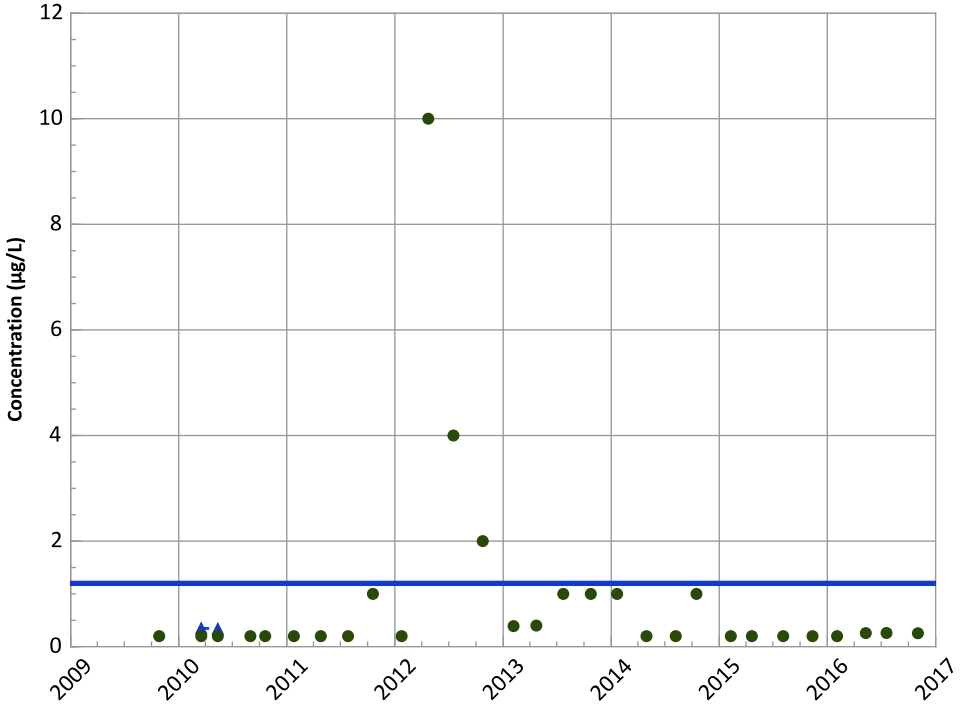


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

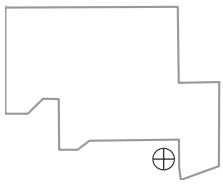
MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

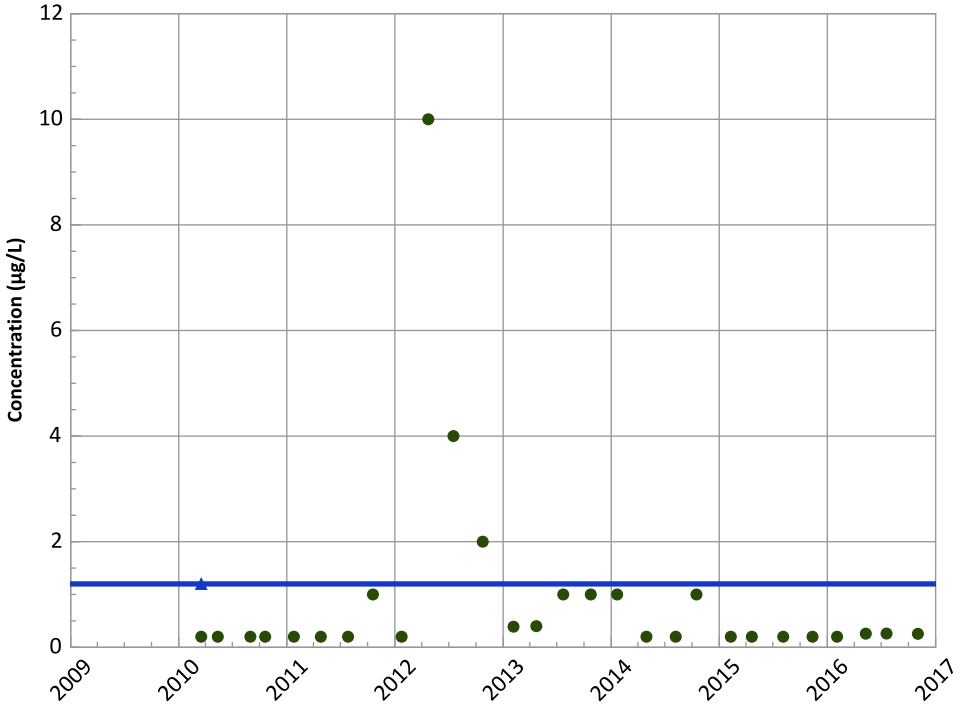
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

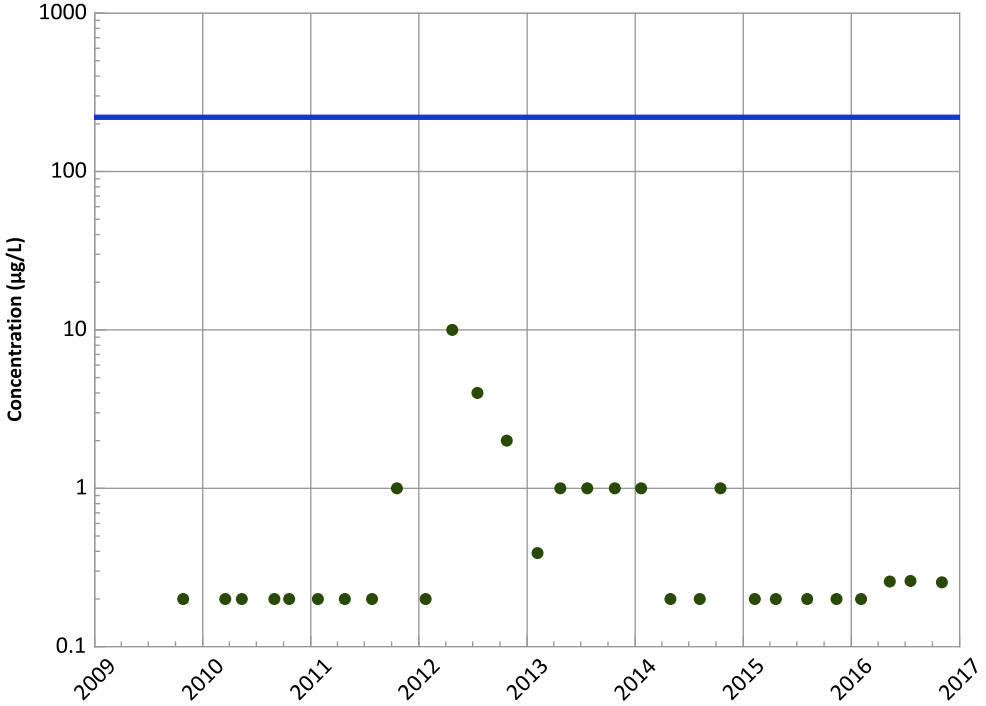


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend

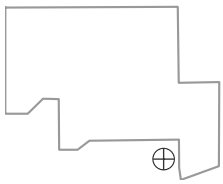


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Well Location

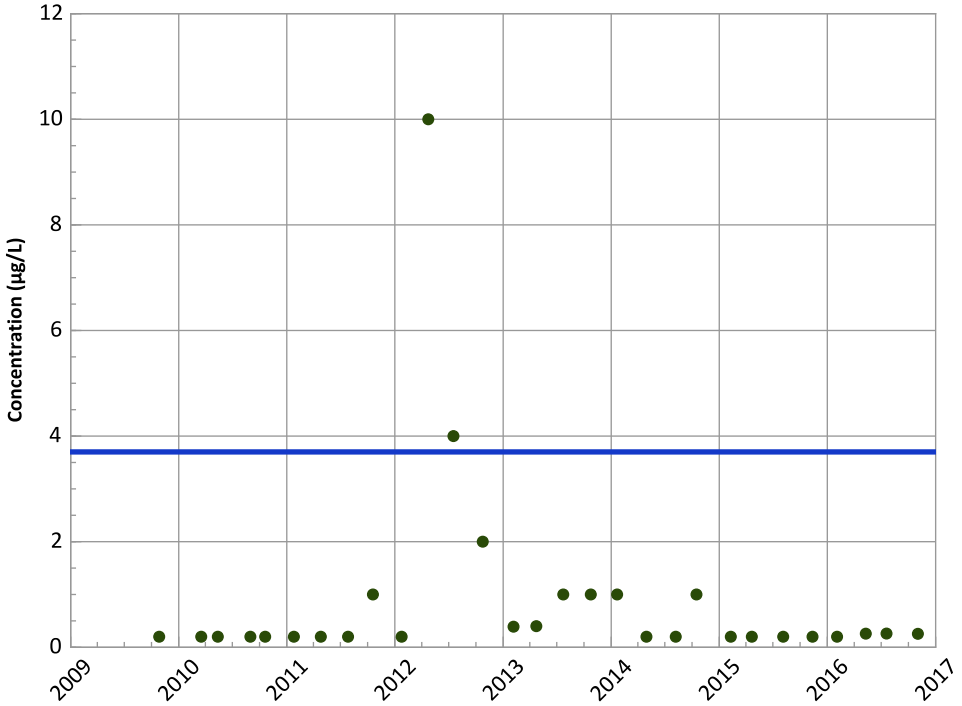


Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

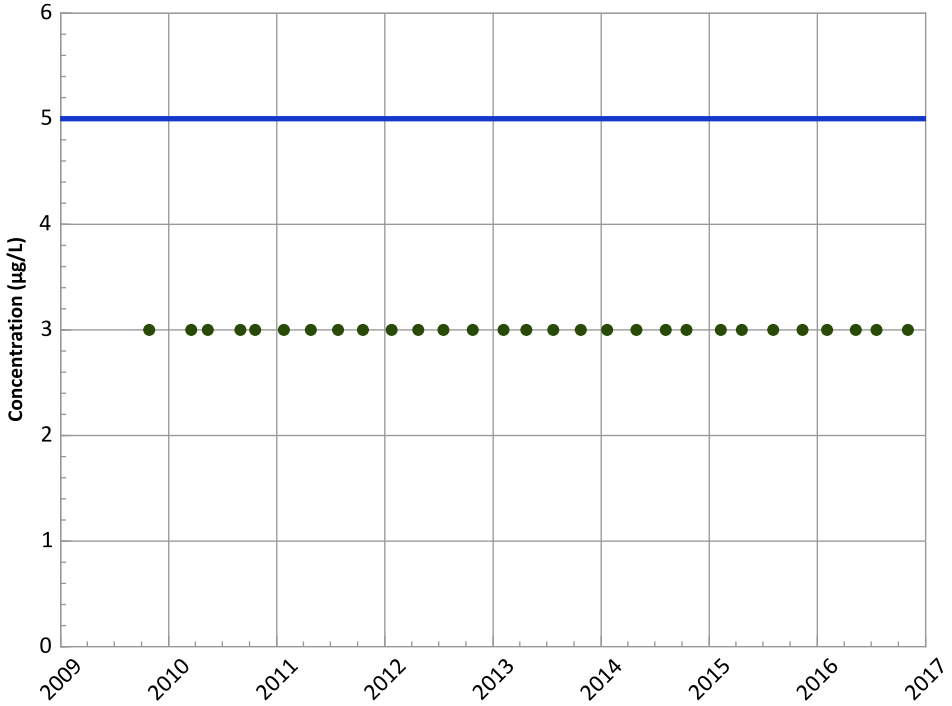


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

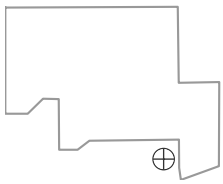
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

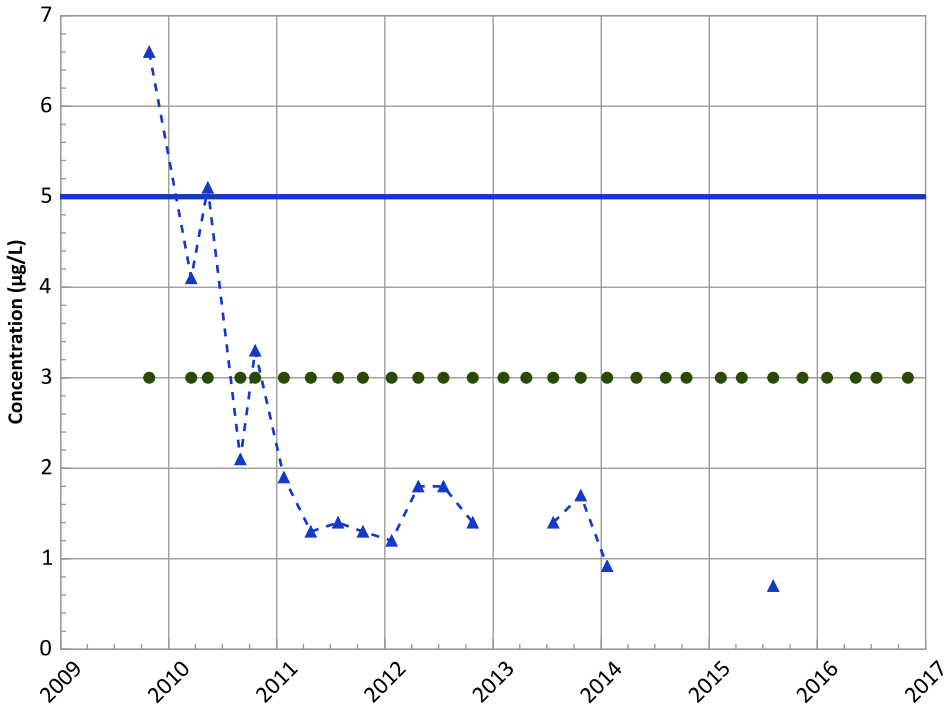
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

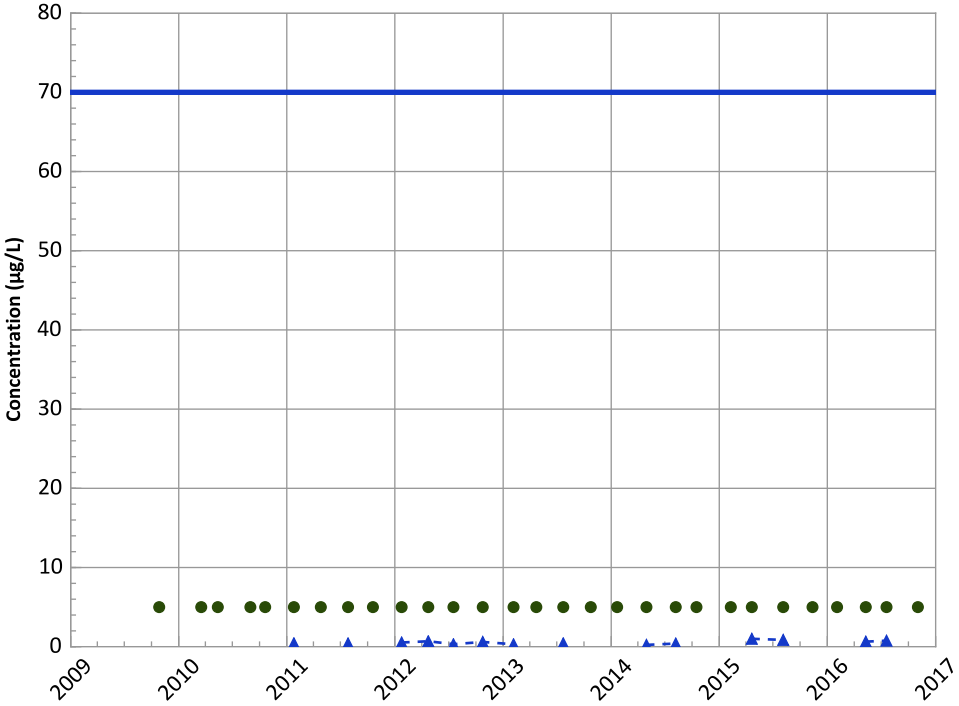


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

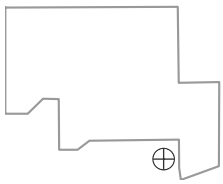
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
Probably Increasing
2014 - 2016 Data:
Probably Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

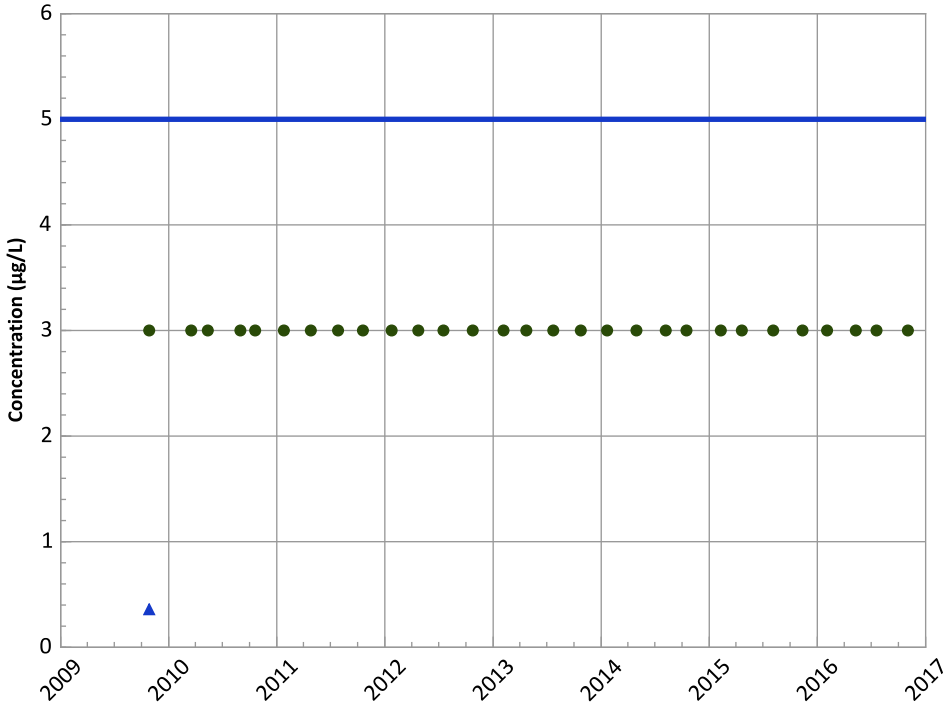
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

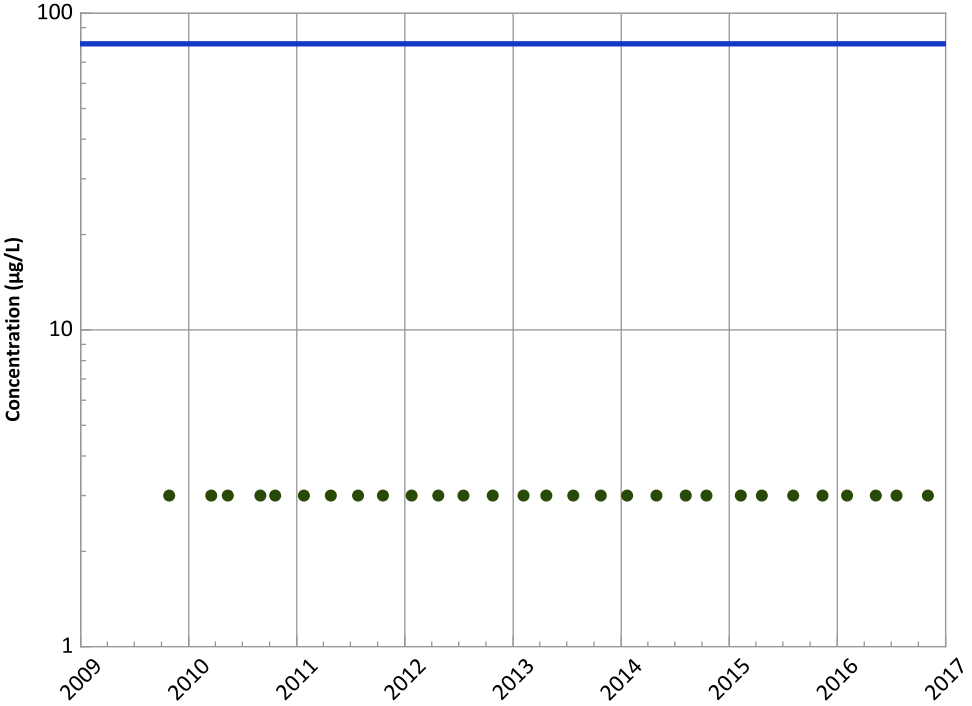


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

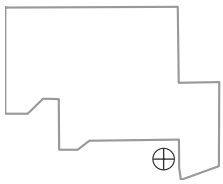
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

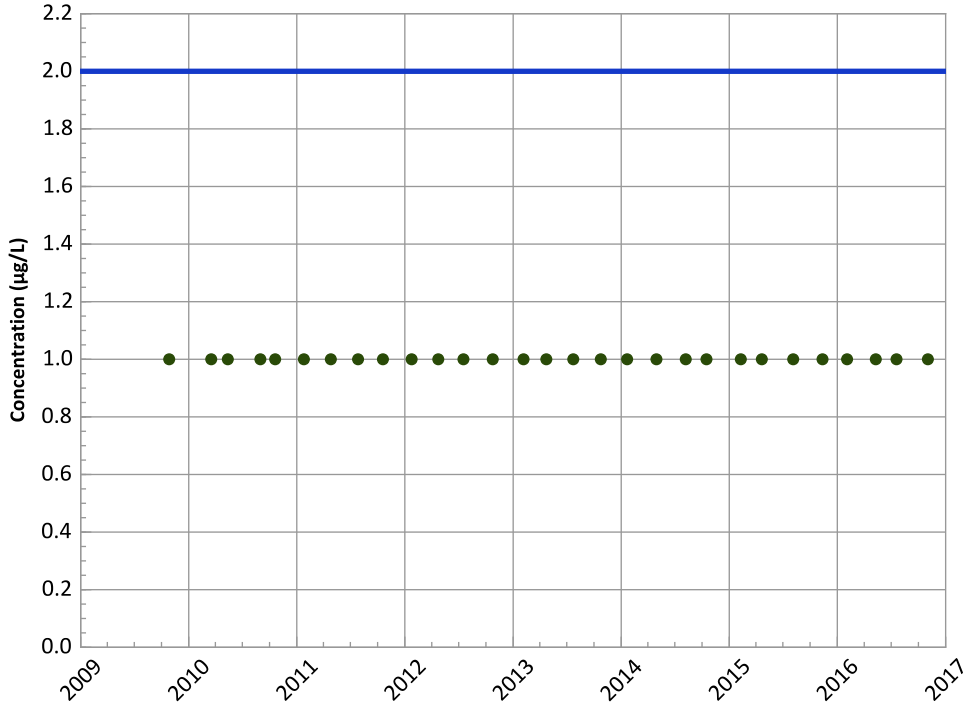
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

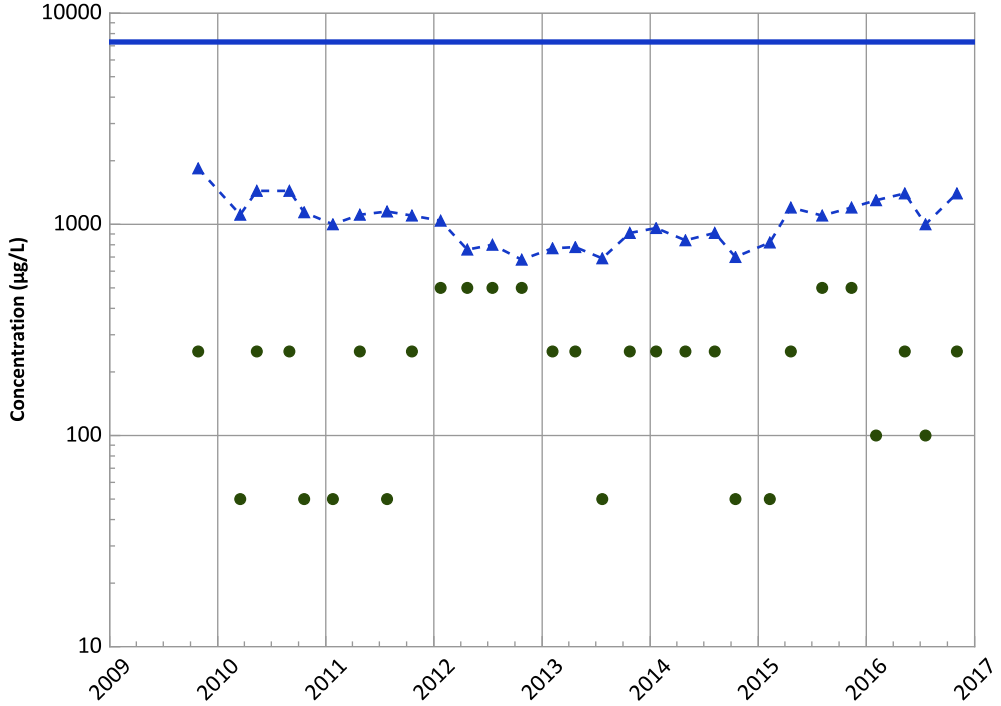


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Boron Trend



Concentration Trend

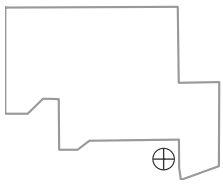
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

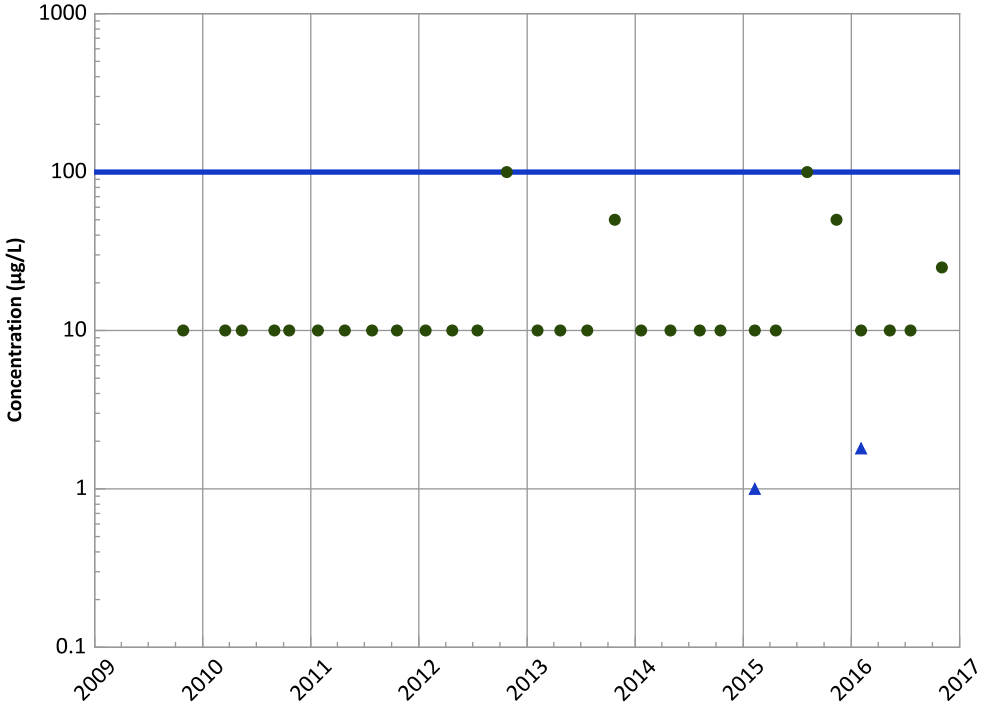
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

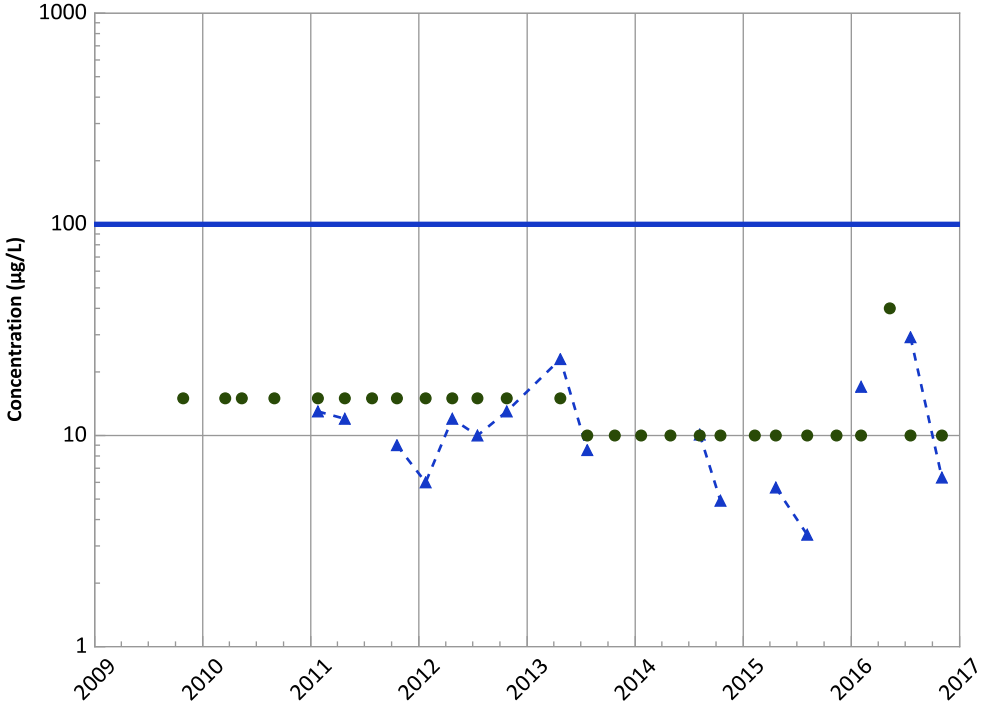


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Chromium, Hexavalent Trend



Concentration Trend

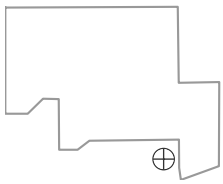
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

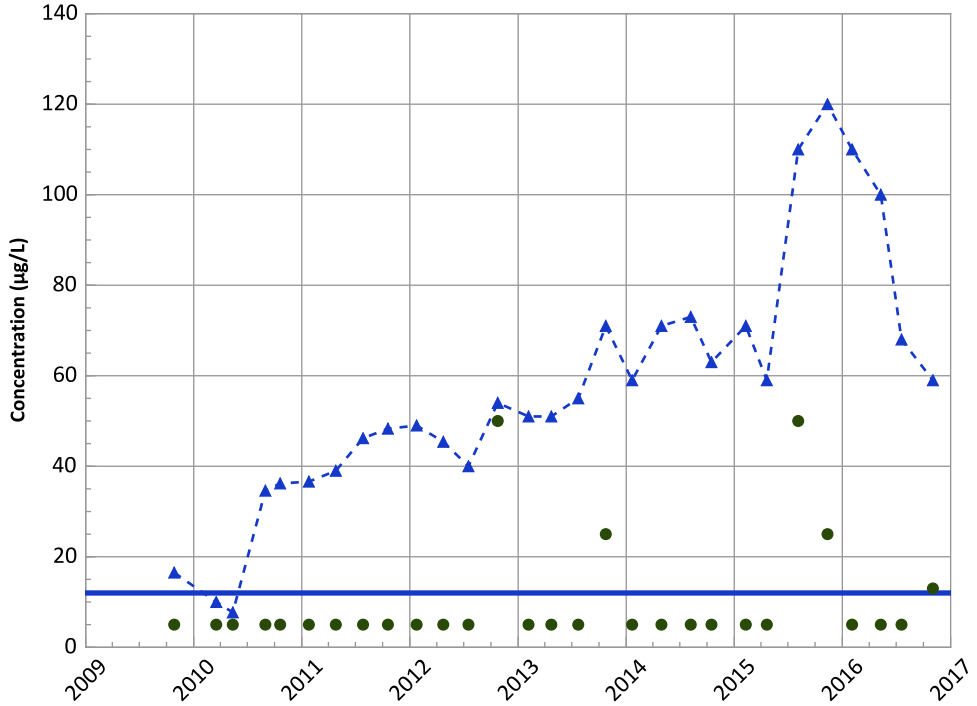
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

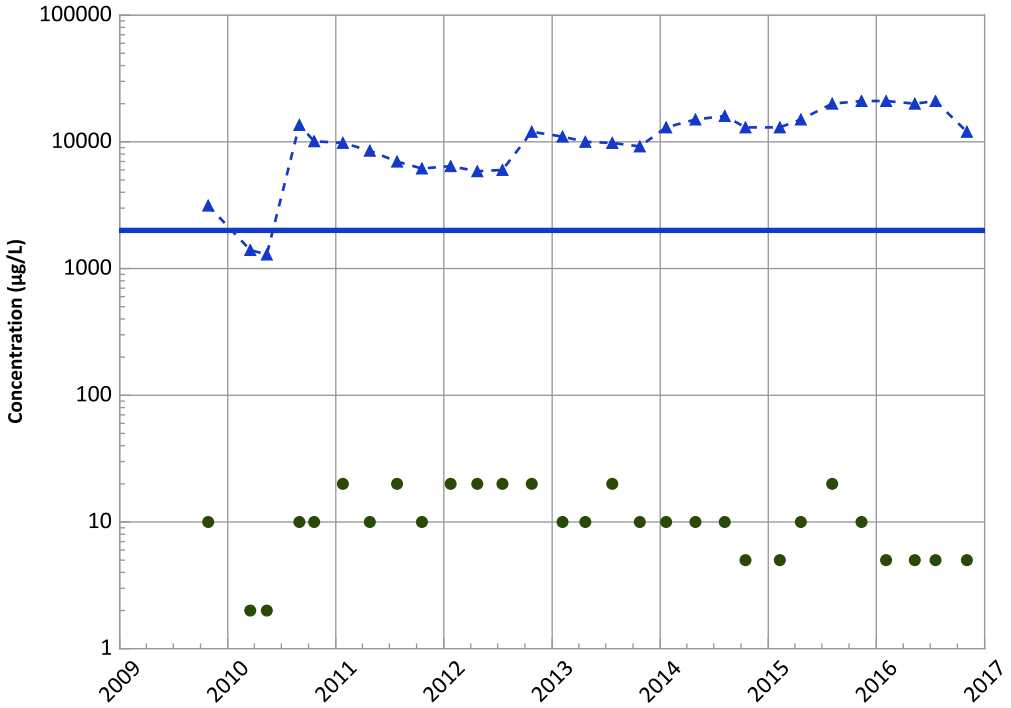


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

Barium Trend



Concentration Trend

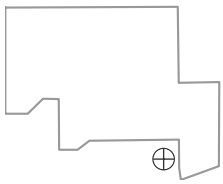
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

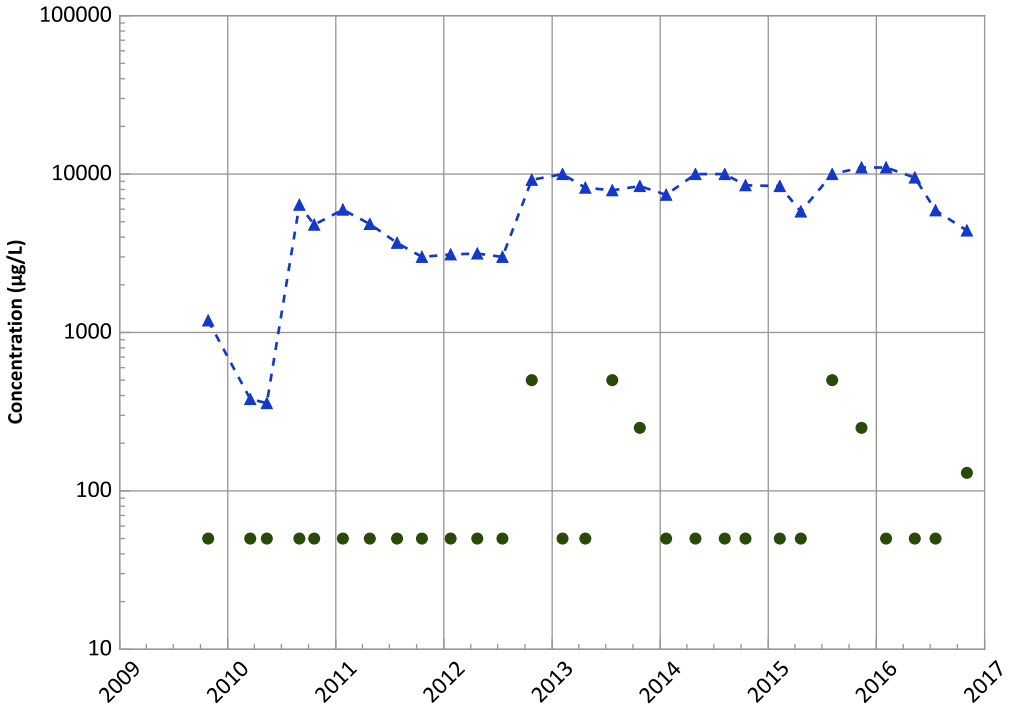
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

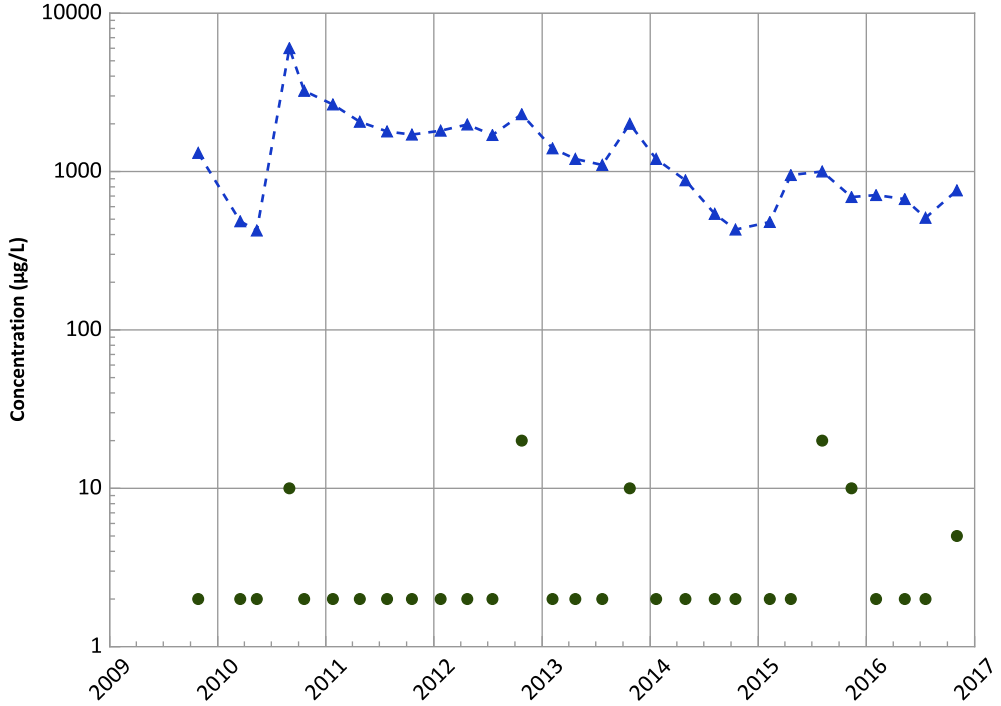


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

Manganese Trend



Concentration Trend

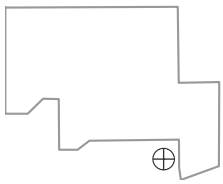
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Stable

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

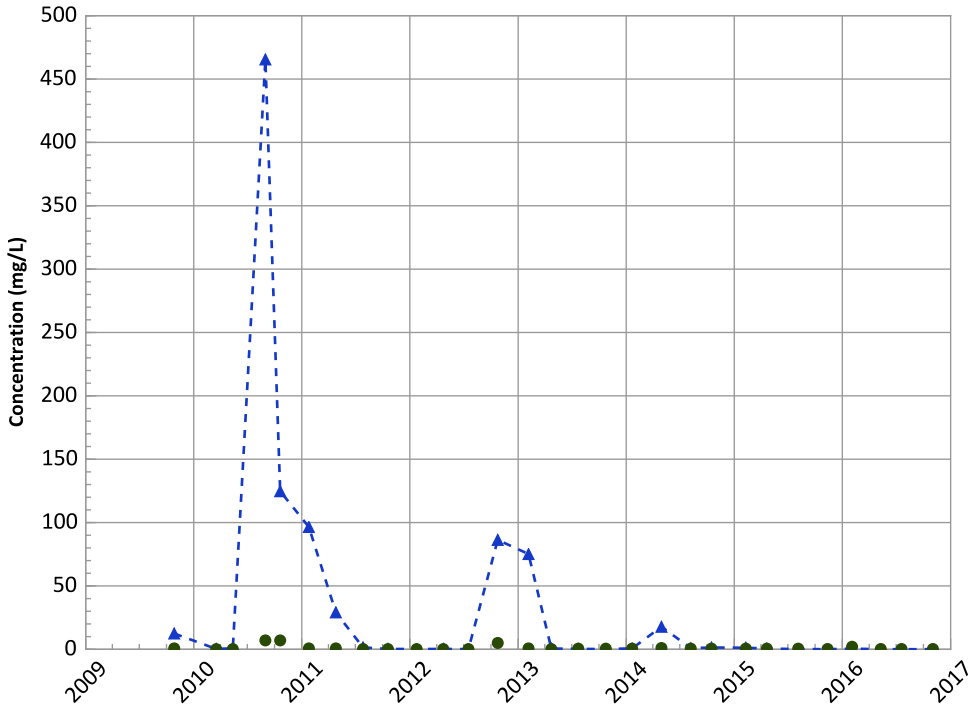
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend

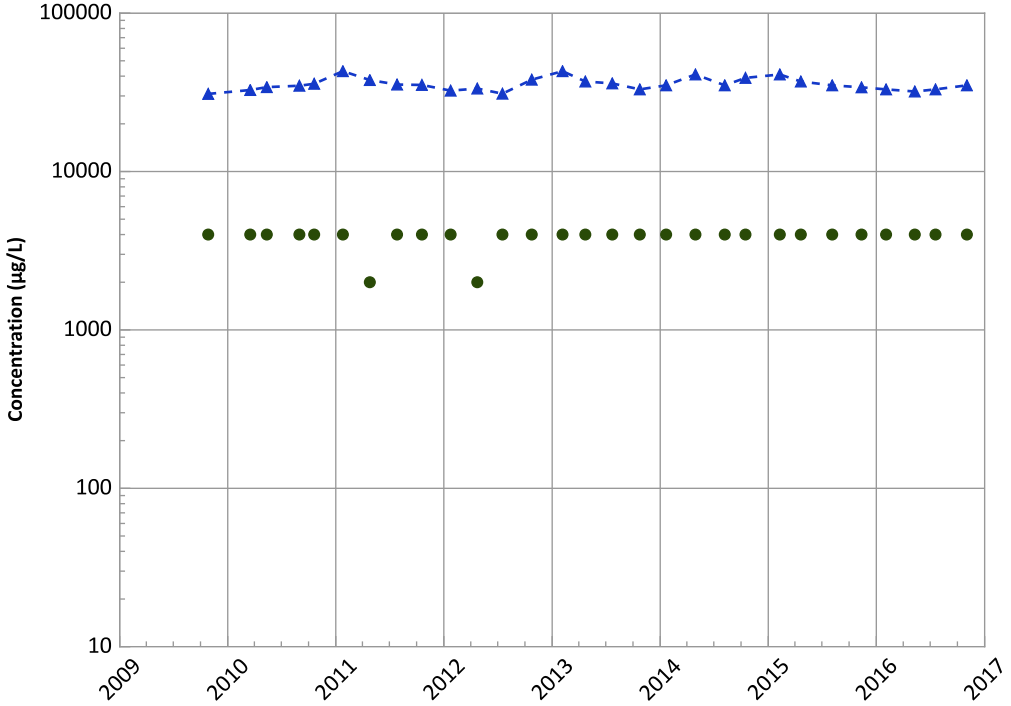


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Probably Decreasing

Chloride (as Cl) Trend



Concentration Trend

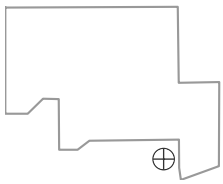
MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

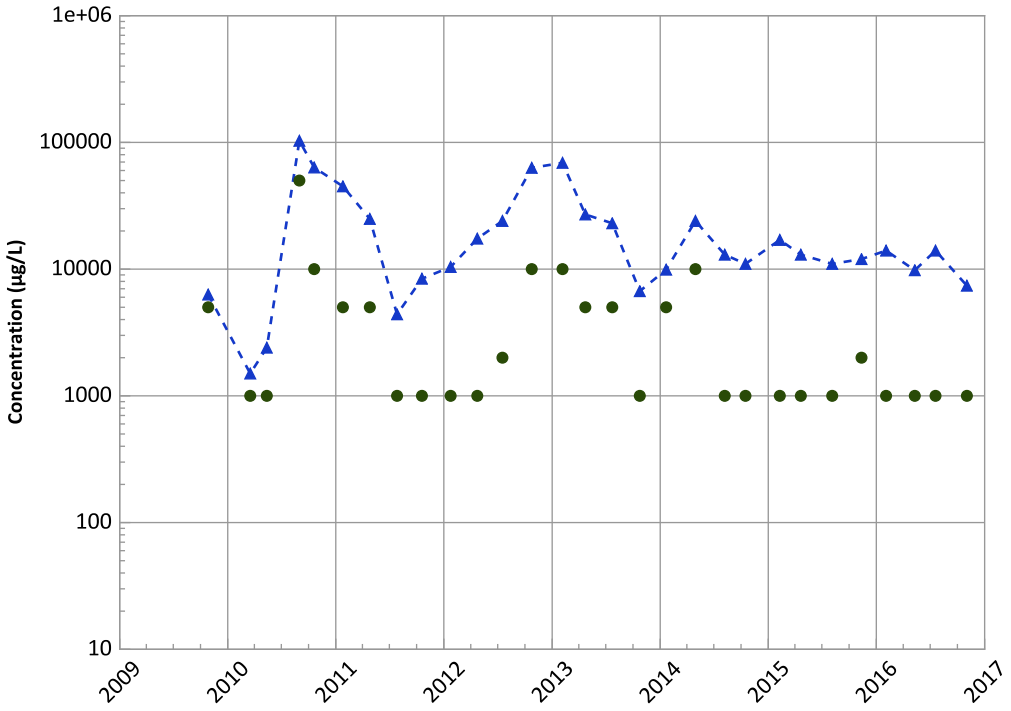
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

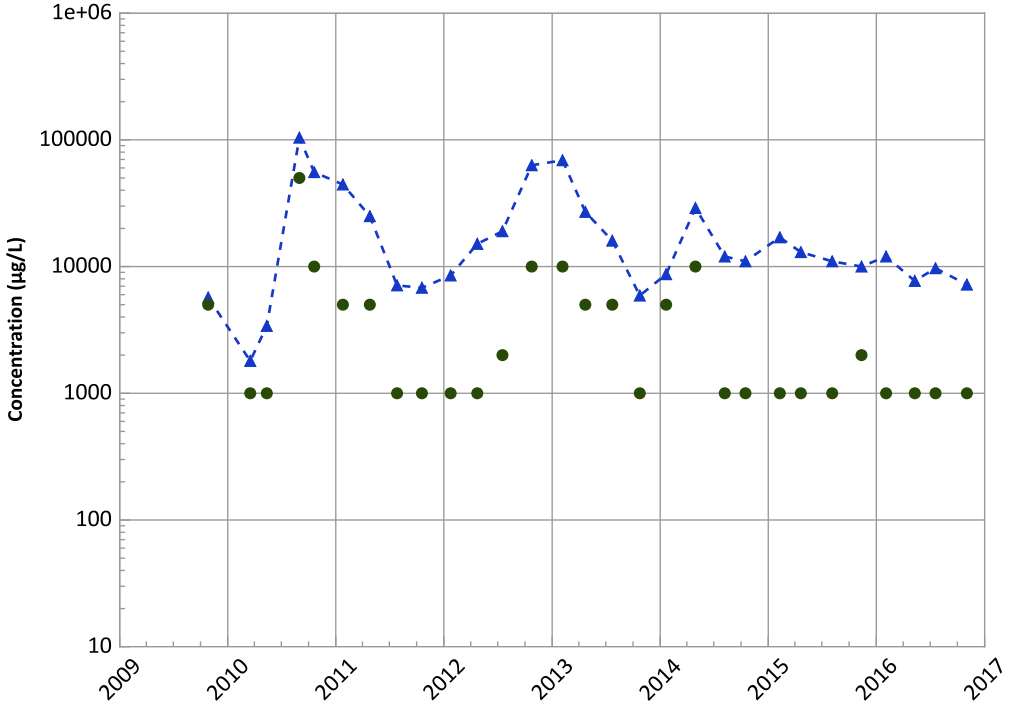


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Stable

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

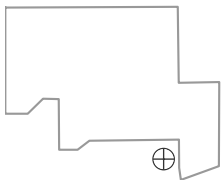
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Probably Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

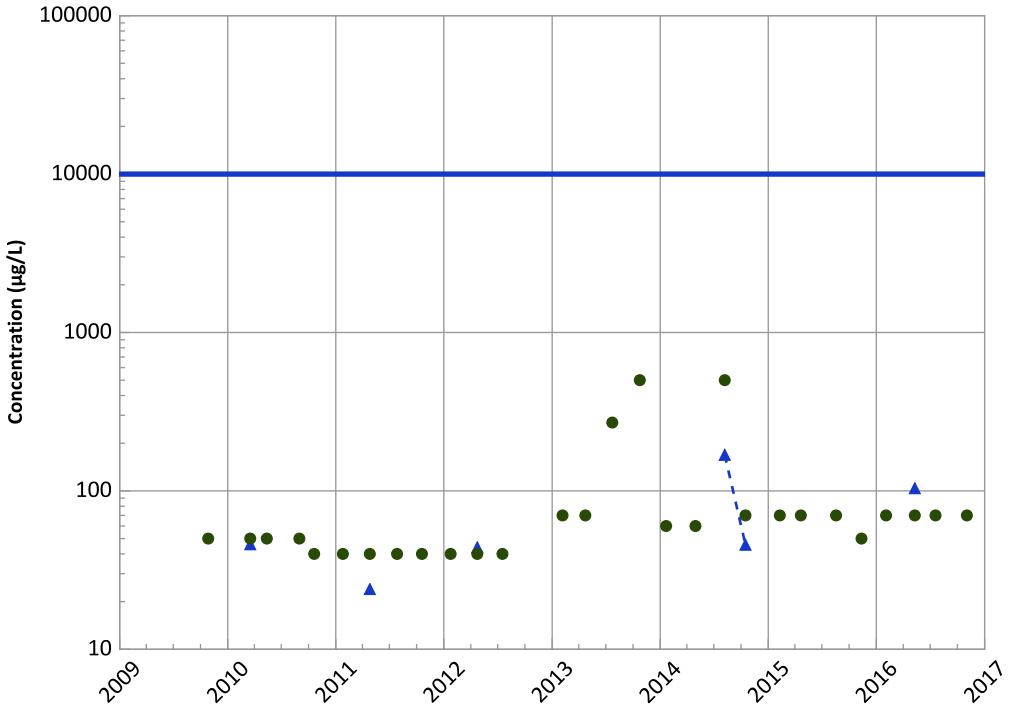
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

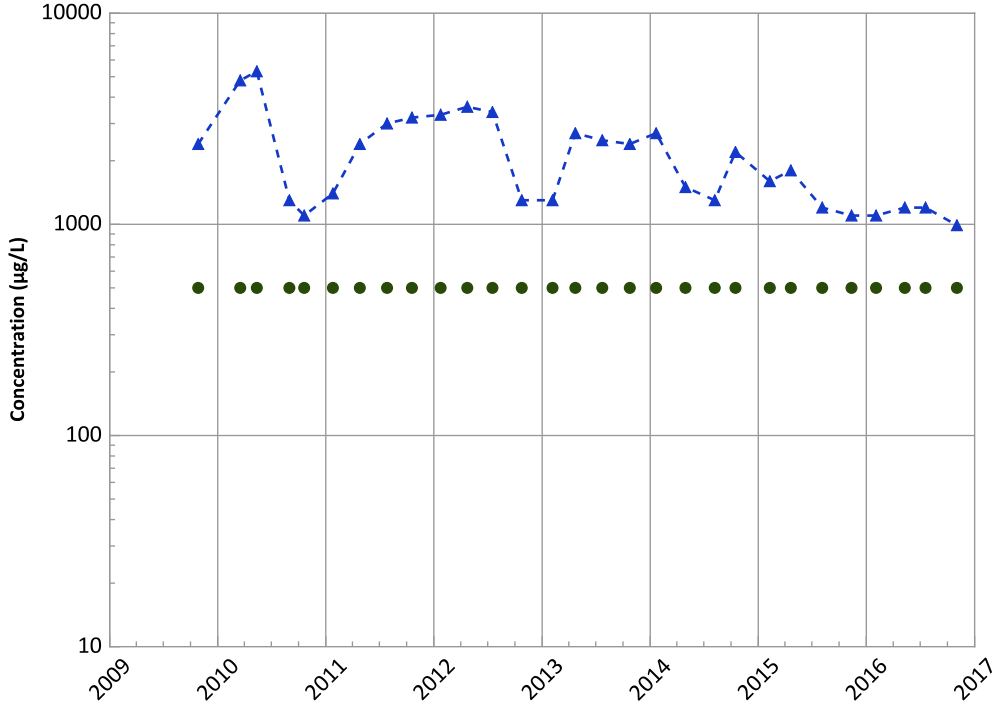


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
Probably Increasing
2014 - 2016 Data:
No Trend

Sulfate (as SO4) Trend



Concentration Trend

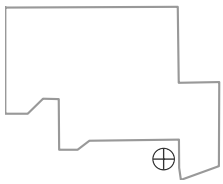
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Stable

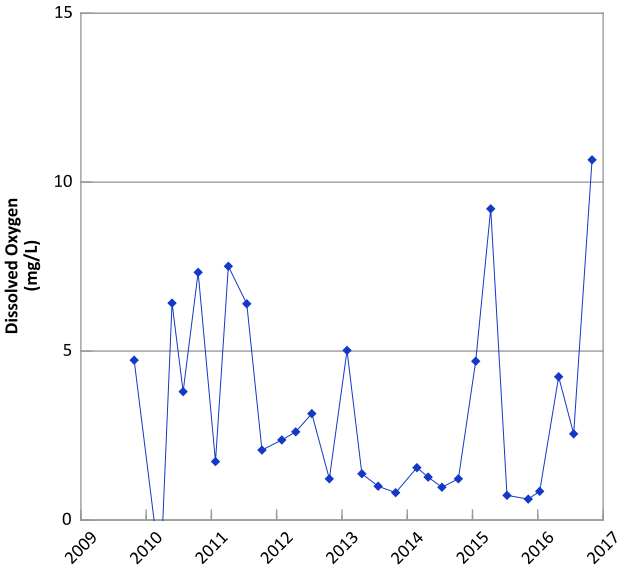
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/27/2009 to 11/02/2016
Analysis Date: 03/07/2017

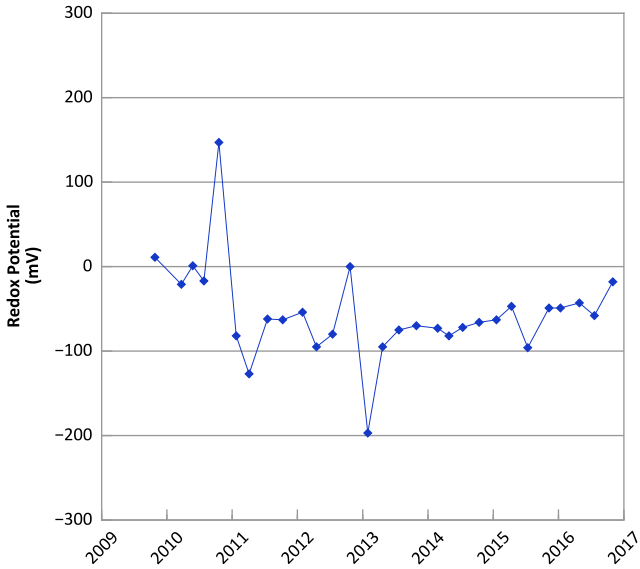
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

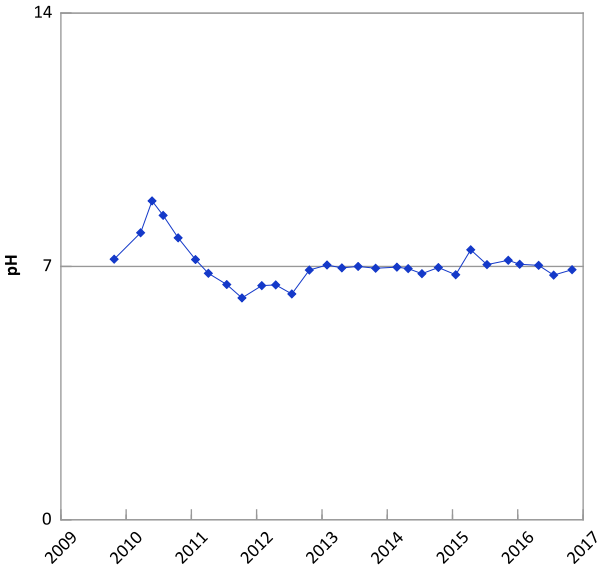
Well Location

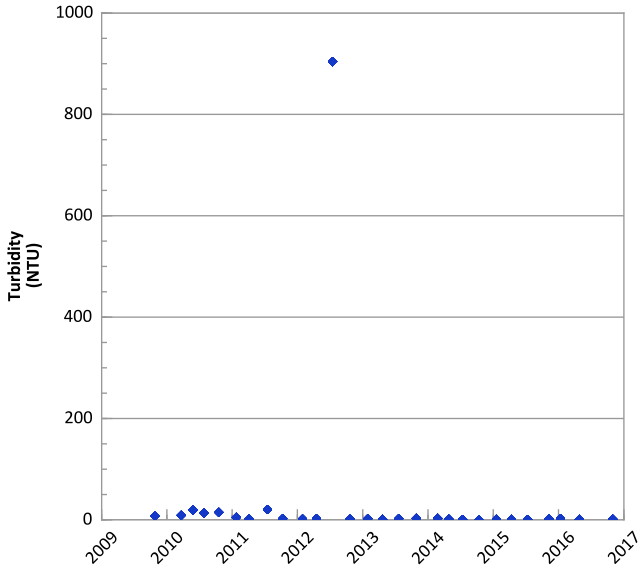


PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



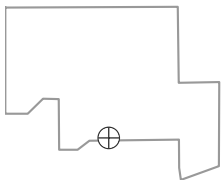






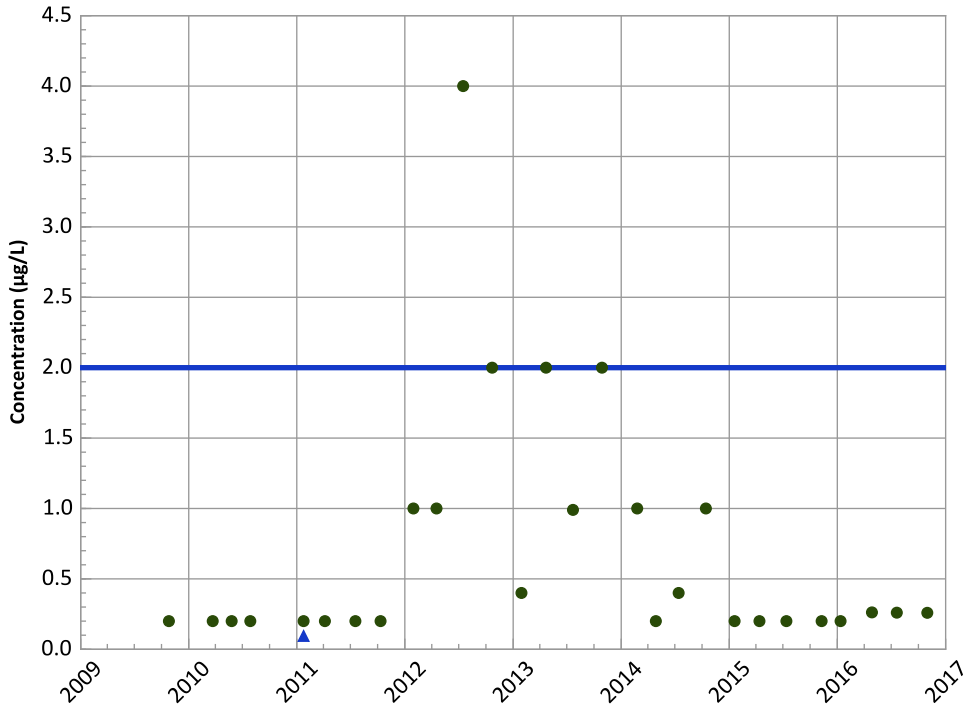
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

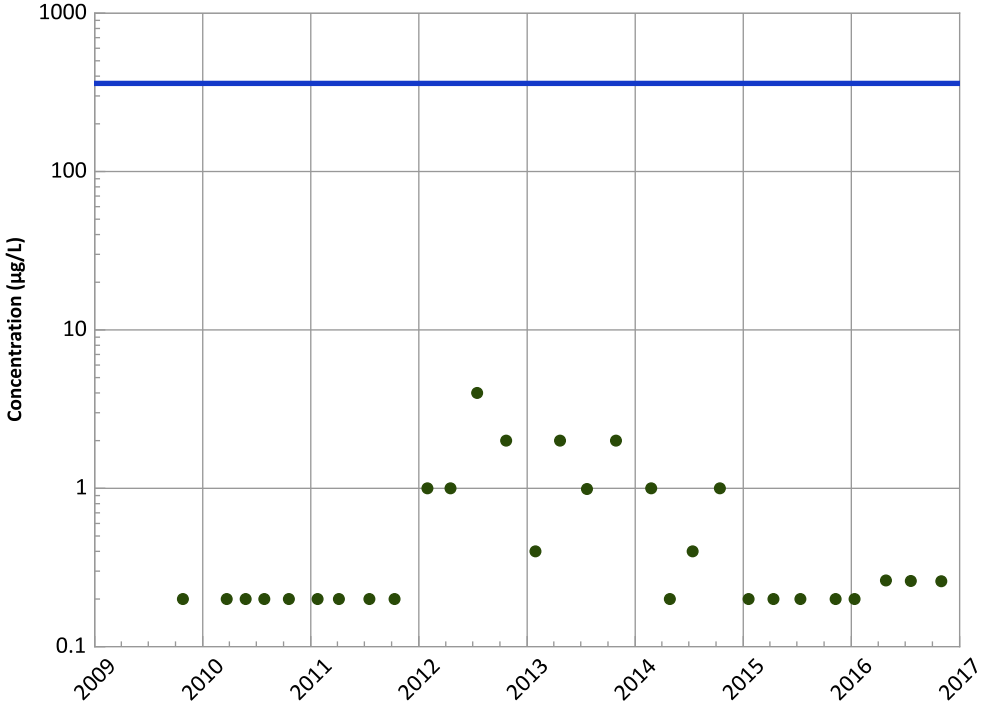


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

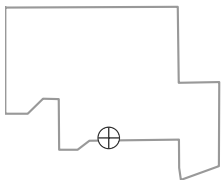
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

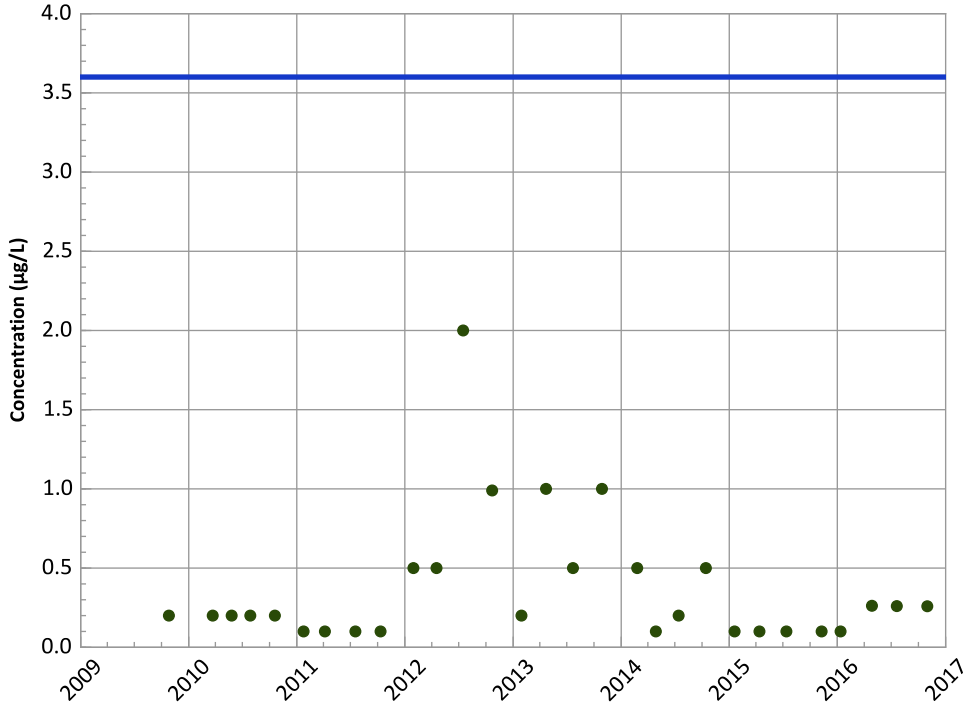
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

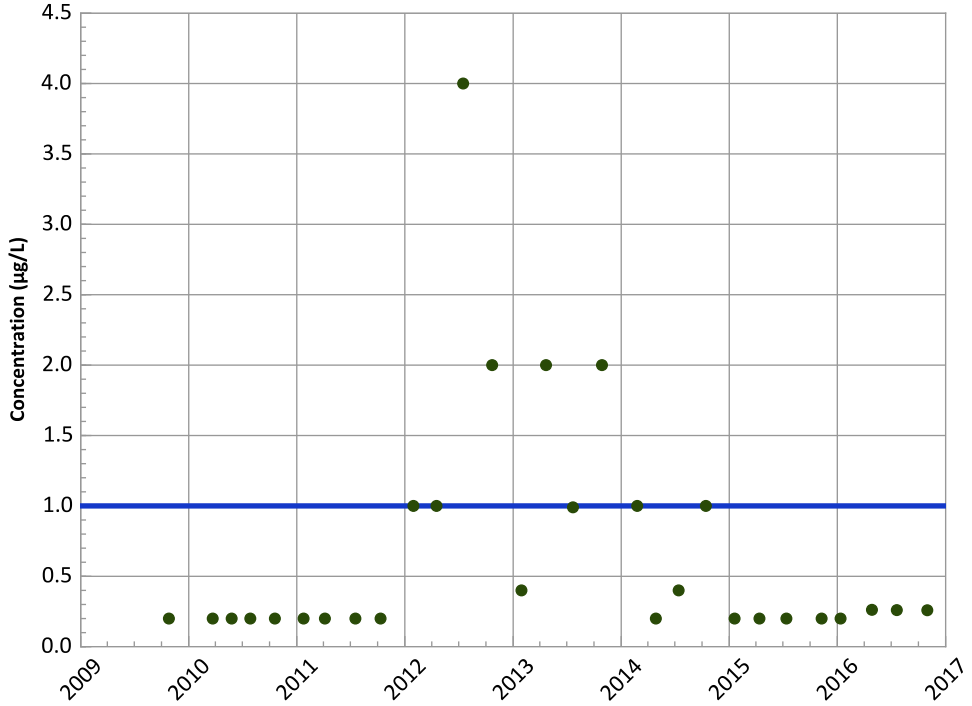


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

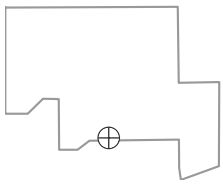
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

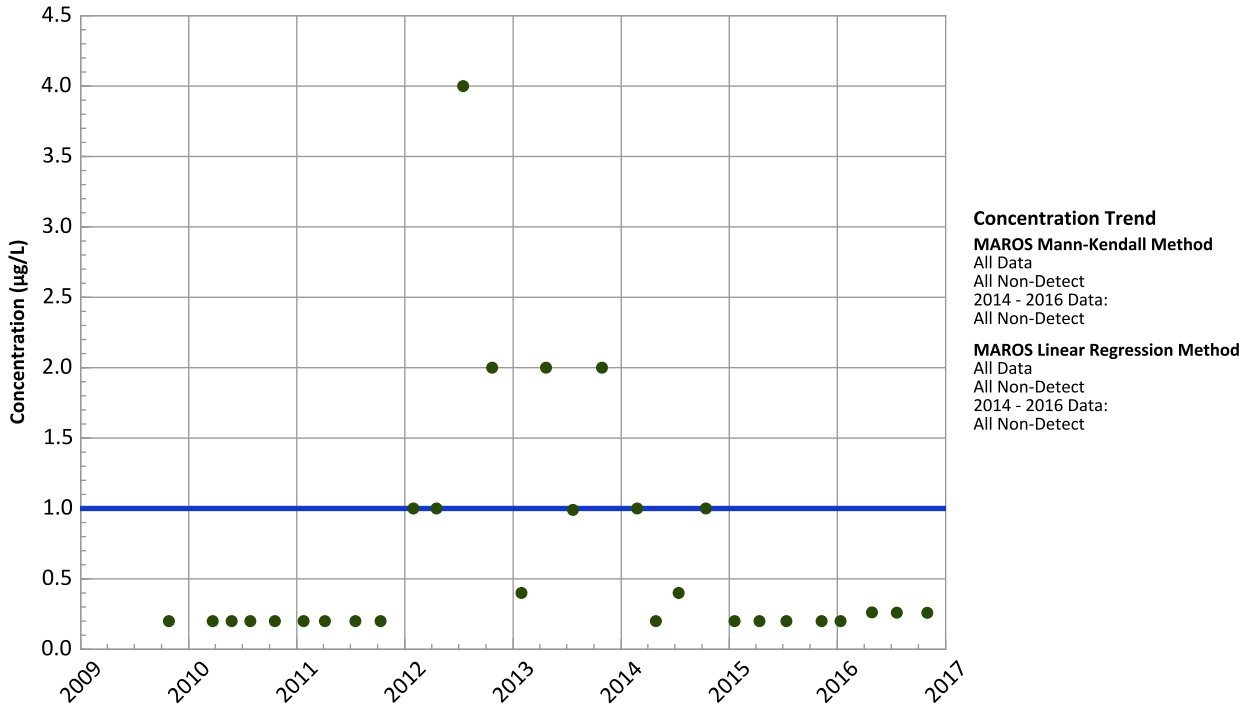
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

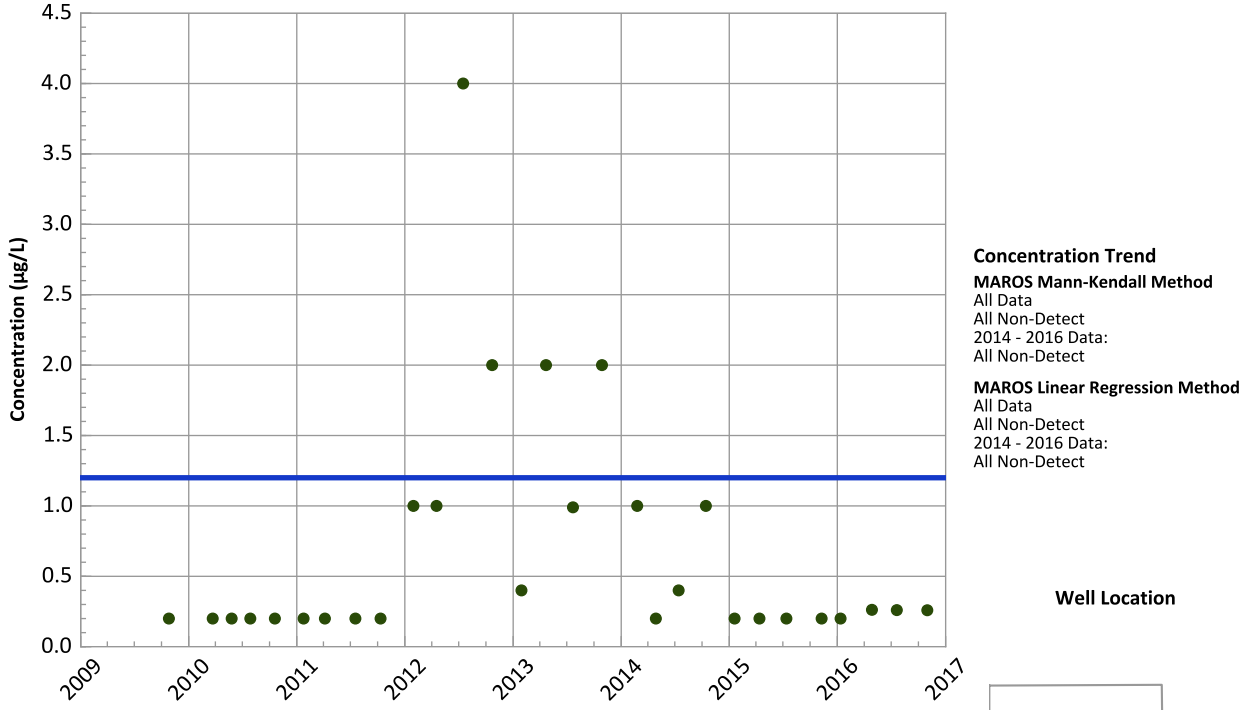


PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



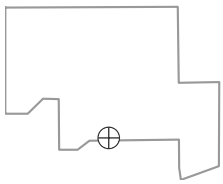
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

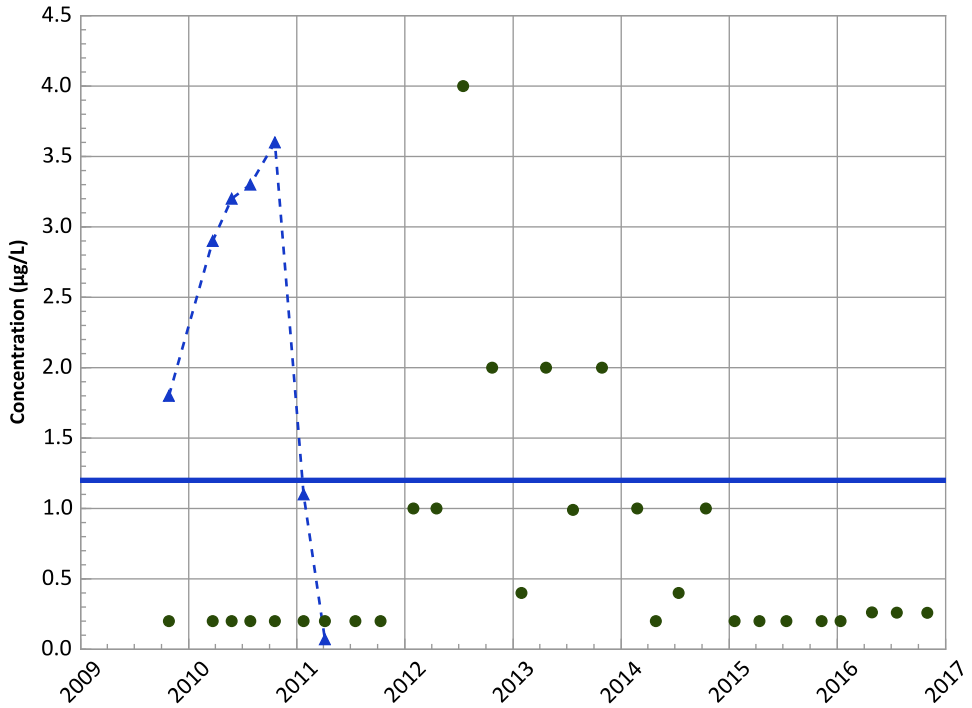
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

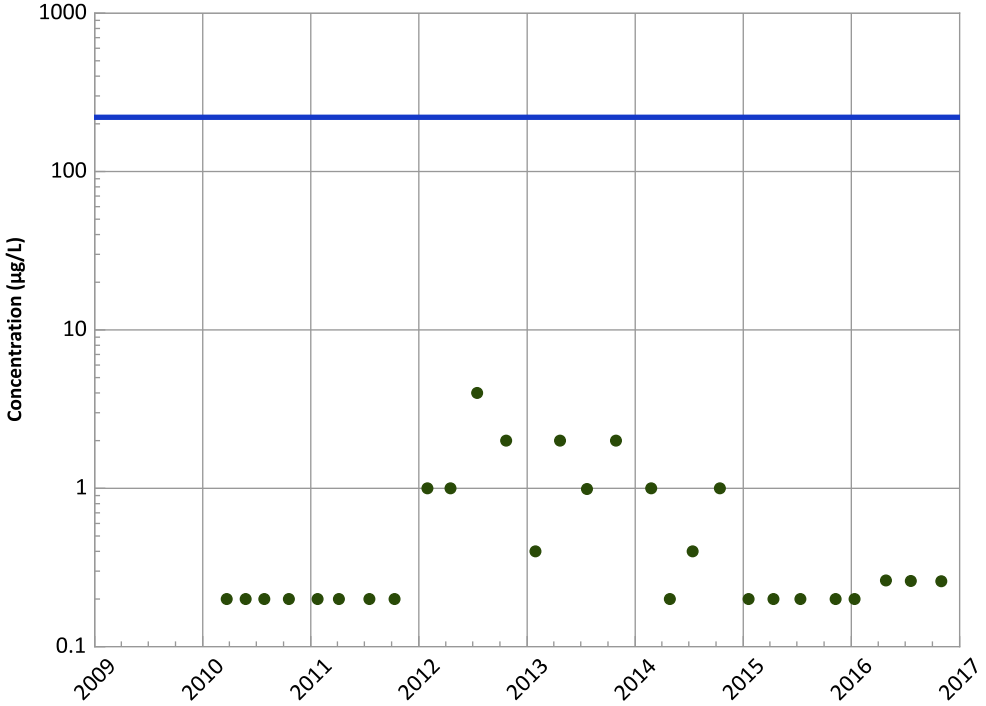


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
Probably Decreasing
2014 - 2016 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

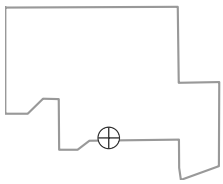
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

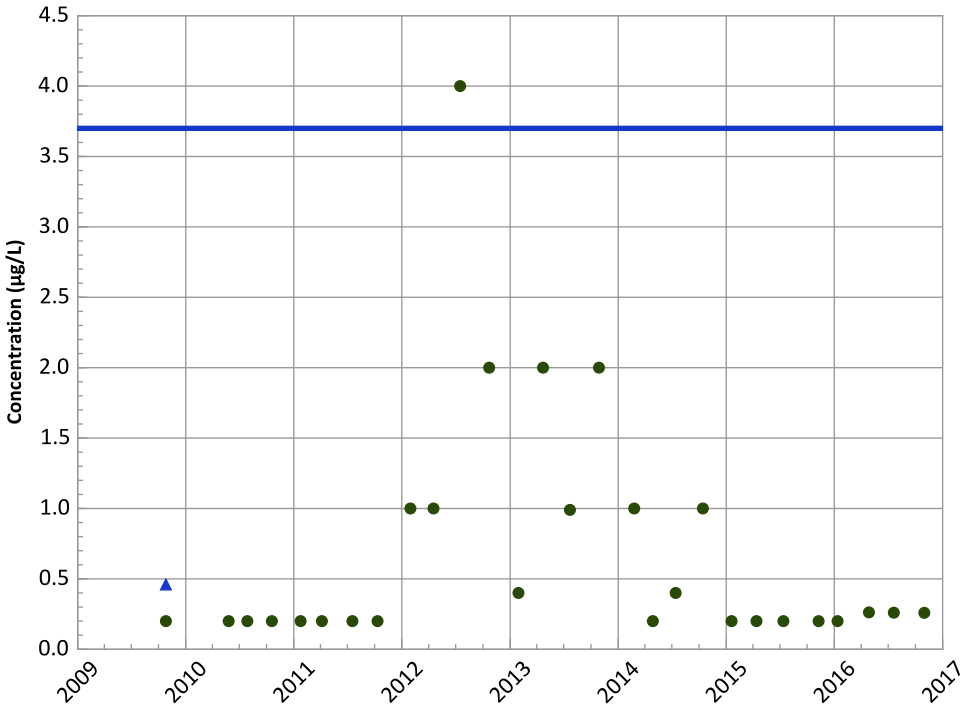
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

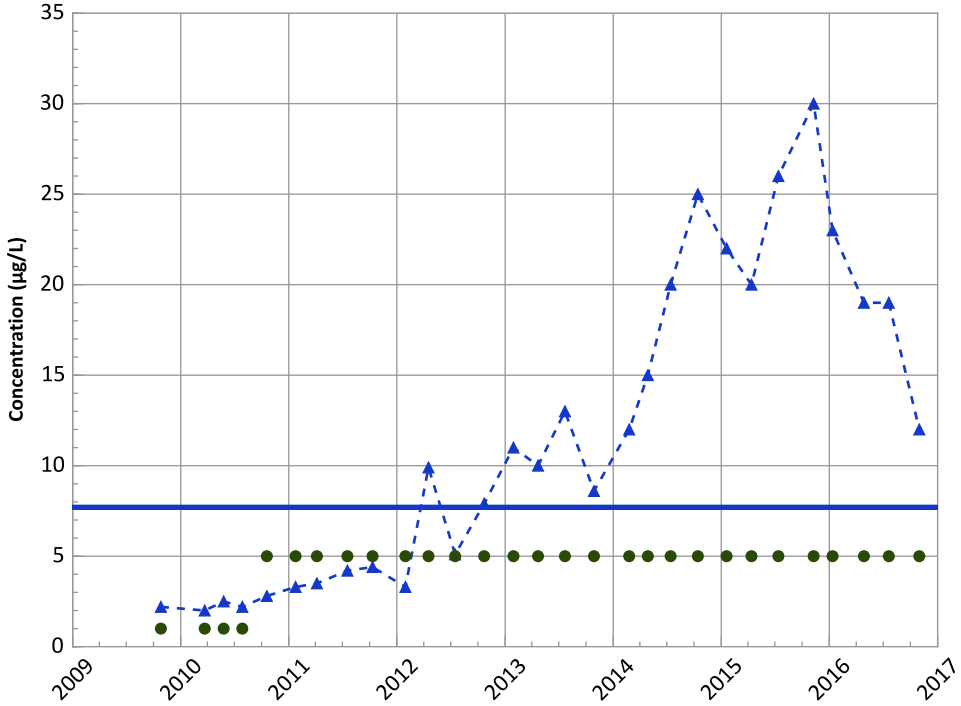


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

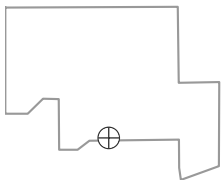
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Probably Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

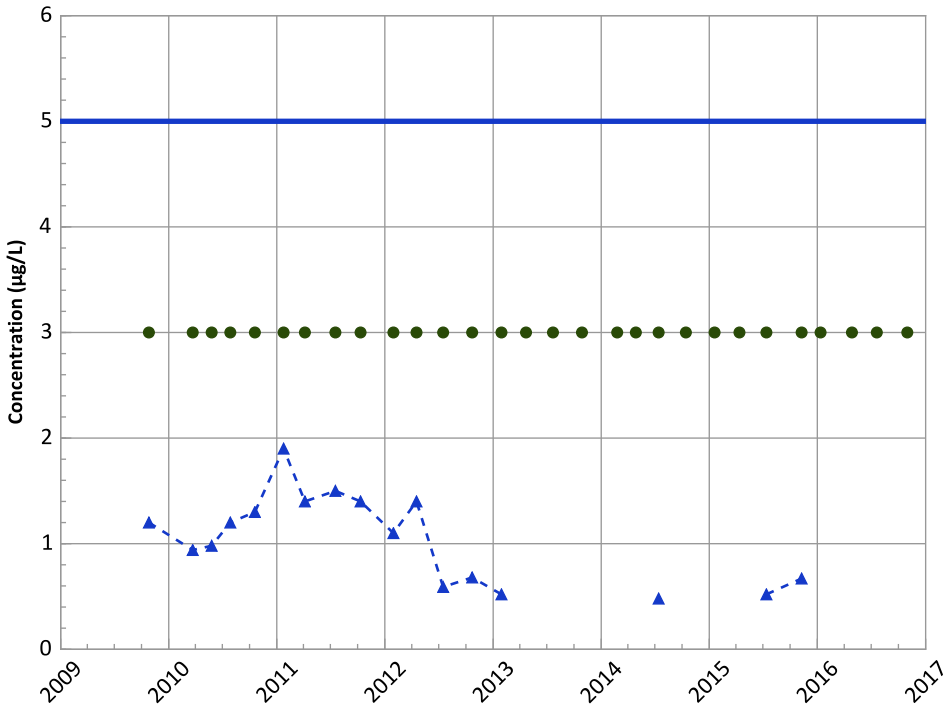
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

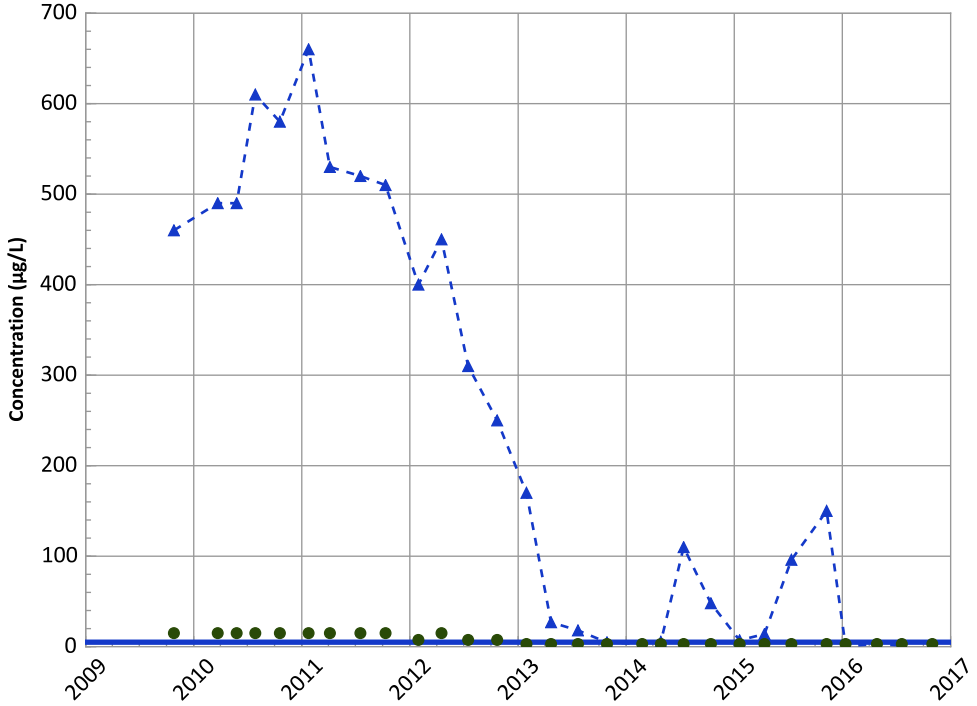


Concentration Trend

MAROS Mann-Kendall Method
All Data
Probably Increasing
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

Trichloroethene Trend



Concentration Trend

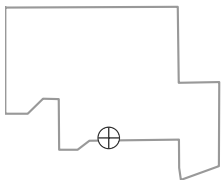
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Probably Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

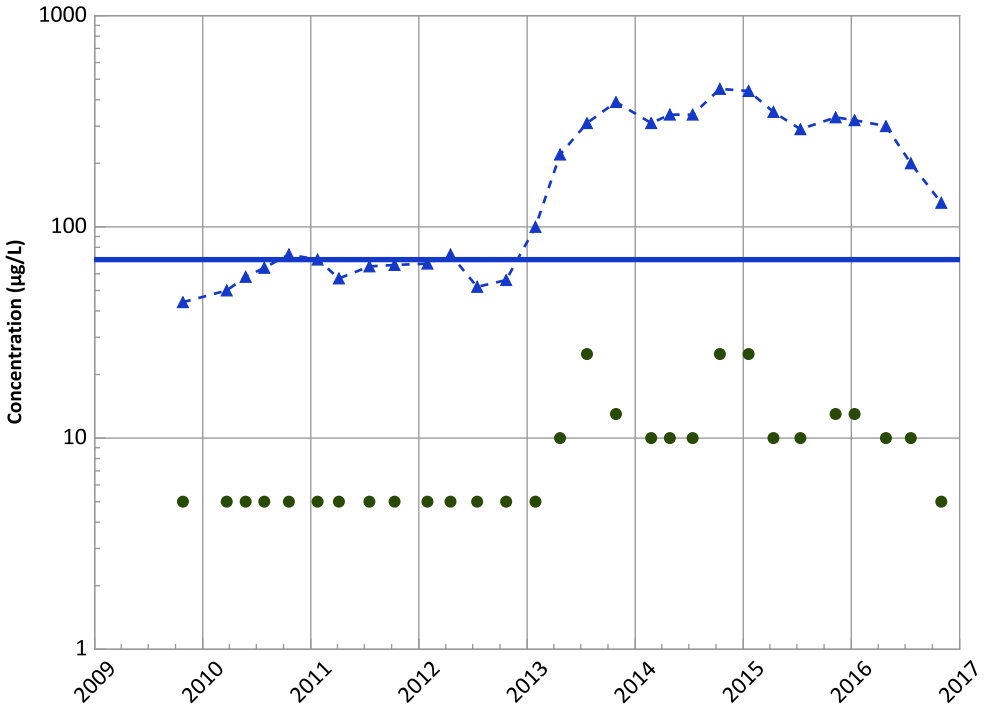
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

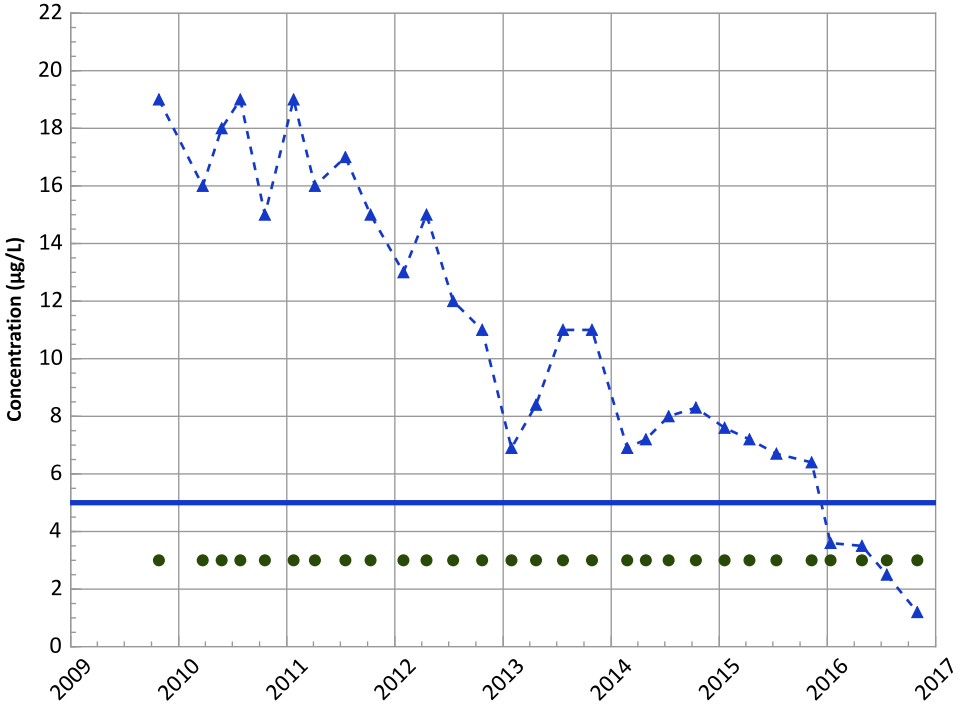


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Probably Decreasing

1,2-Dichloroethane Trend



Concentration Trend

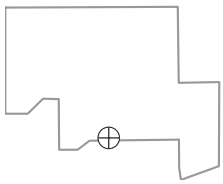
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Probably Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

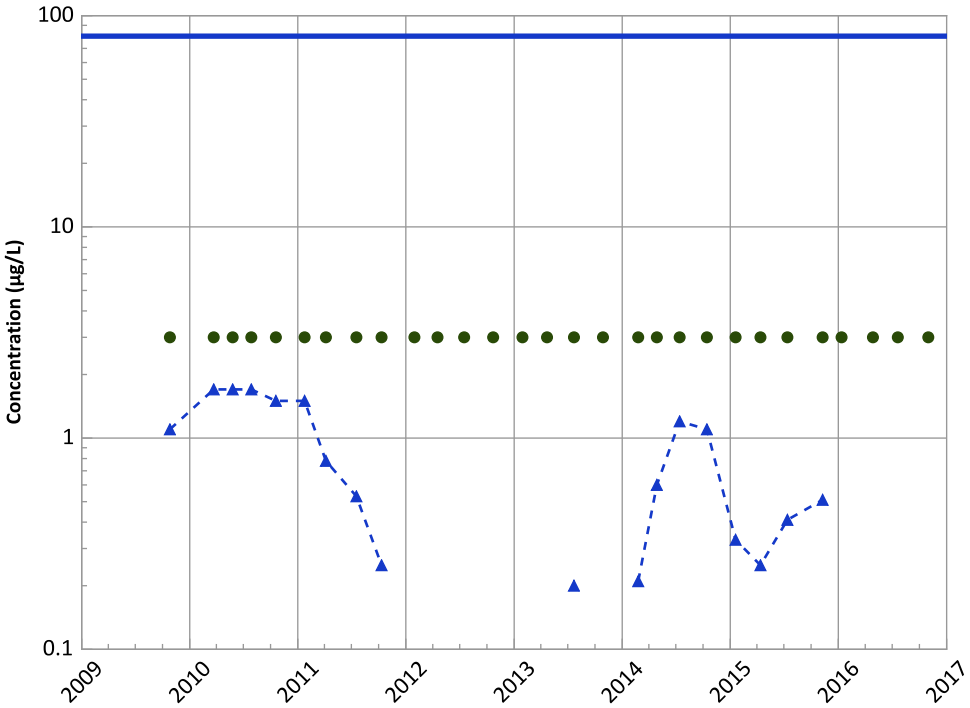
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

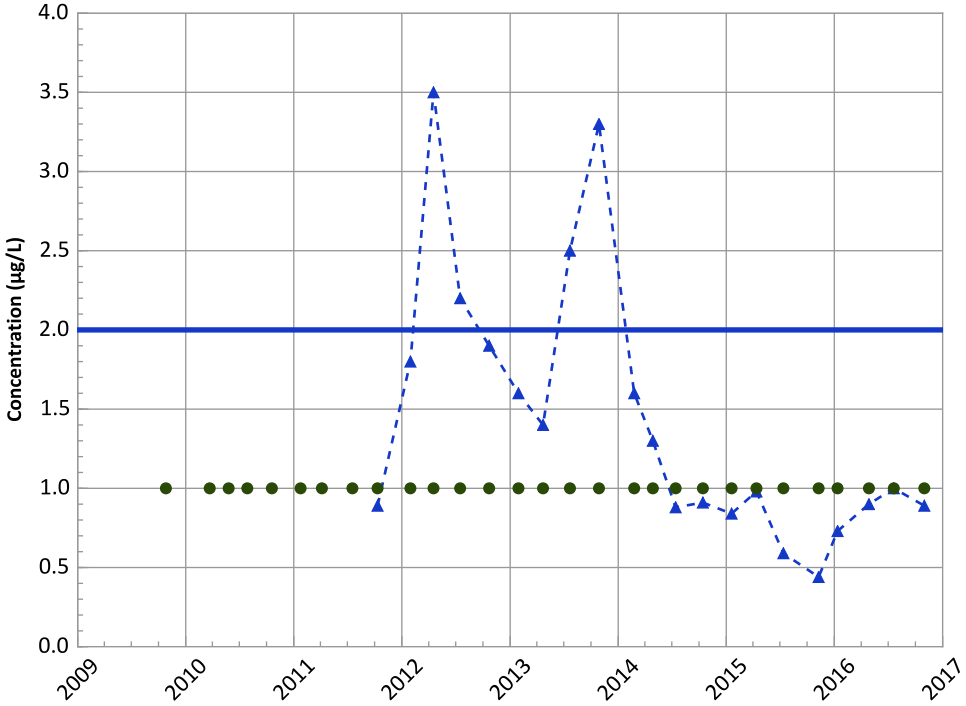


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

Vinyl Chloride Trend



Concentration Trend

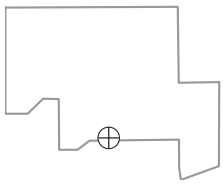
MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

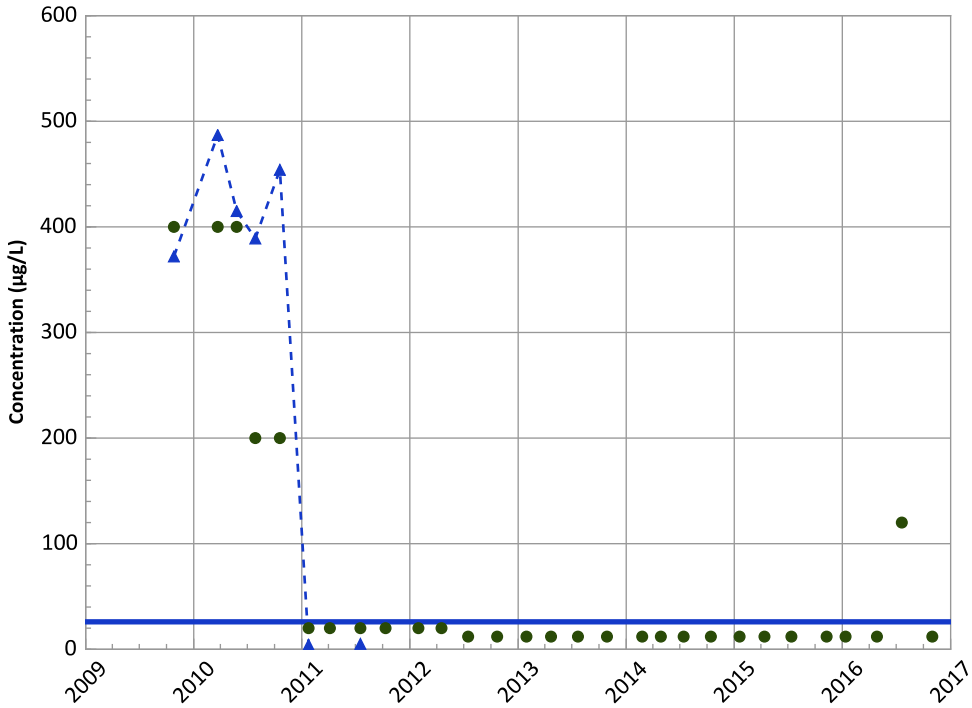
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

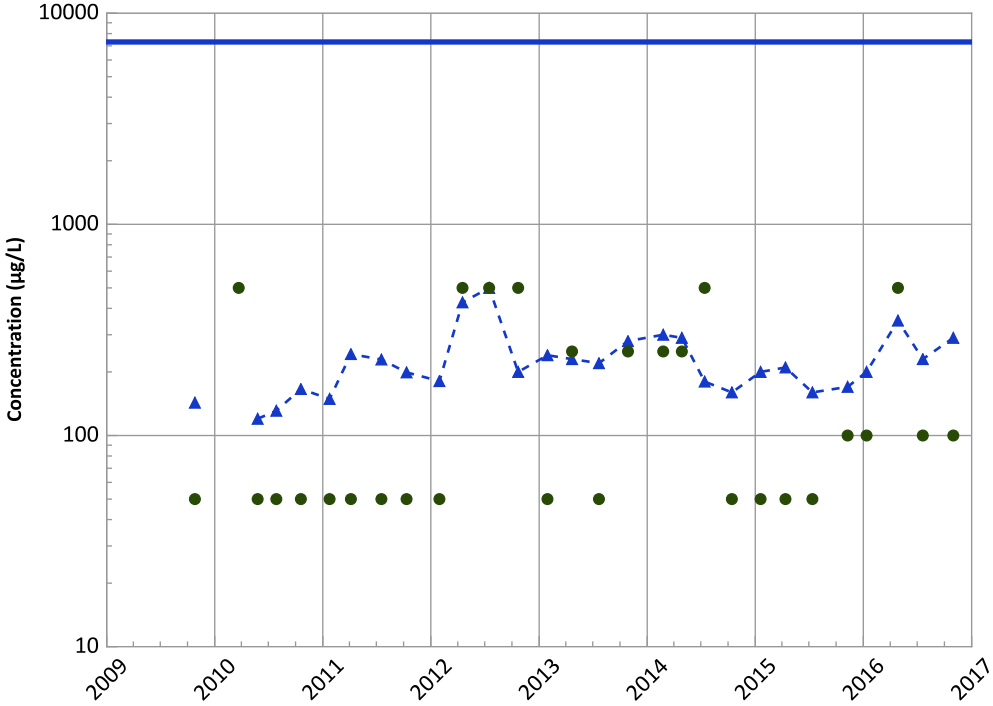


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Probably Decreasing

Boron Trend



Concentration Trend

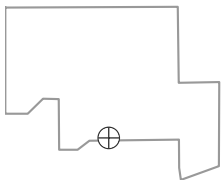
MAROS Mann-Kendall Method
All Data
Probably Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Probably Increasing
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

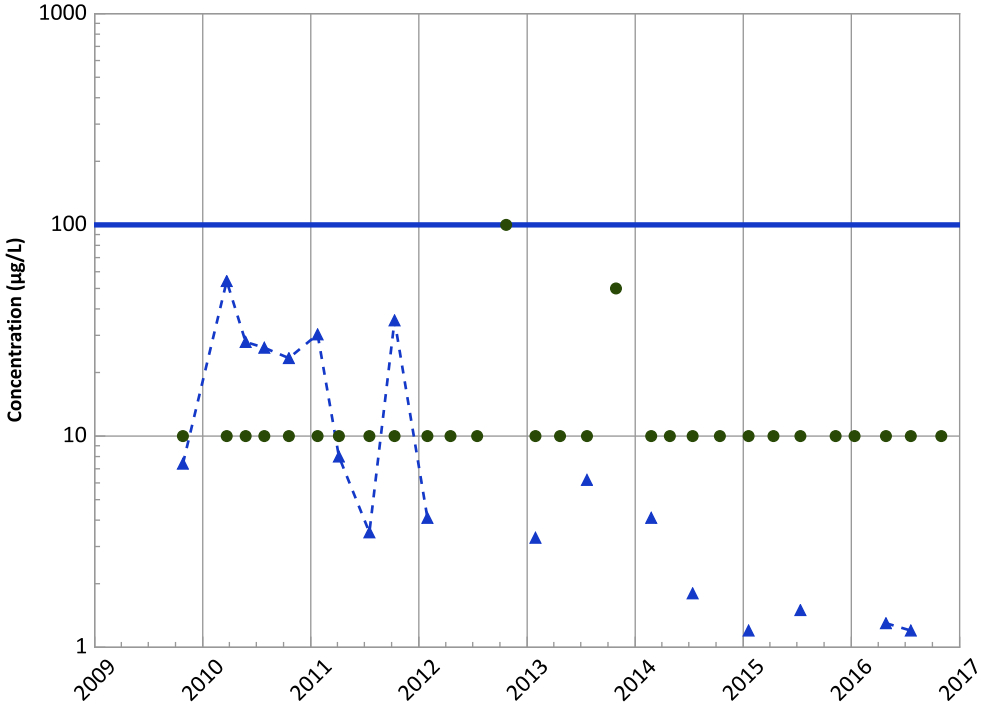
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

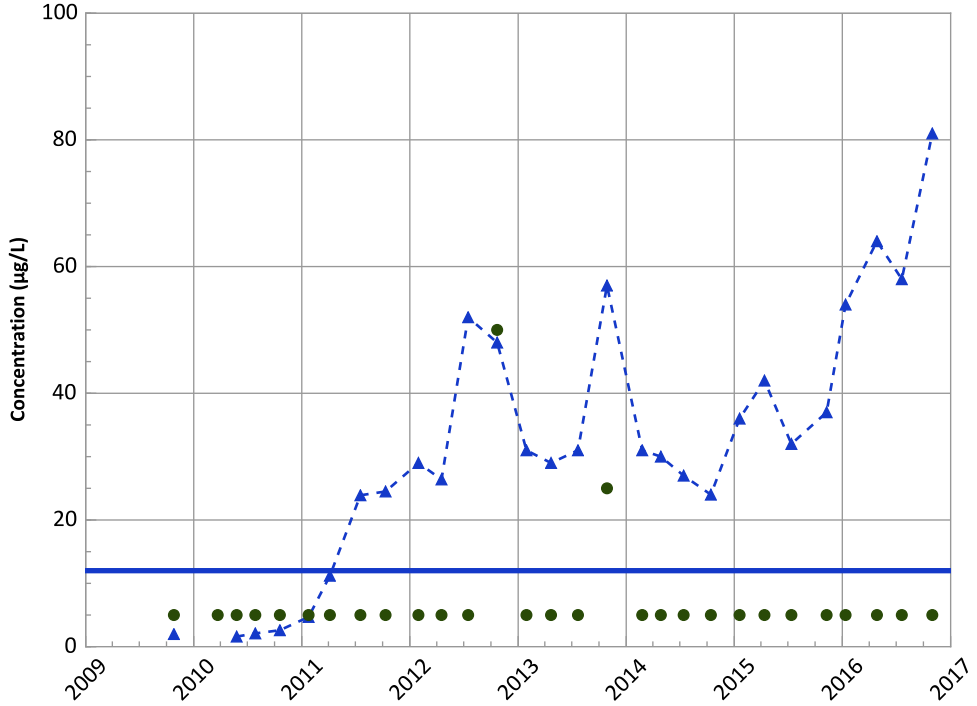


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

Arsenic Trend



Concentration Trend

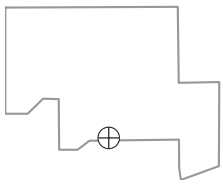
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

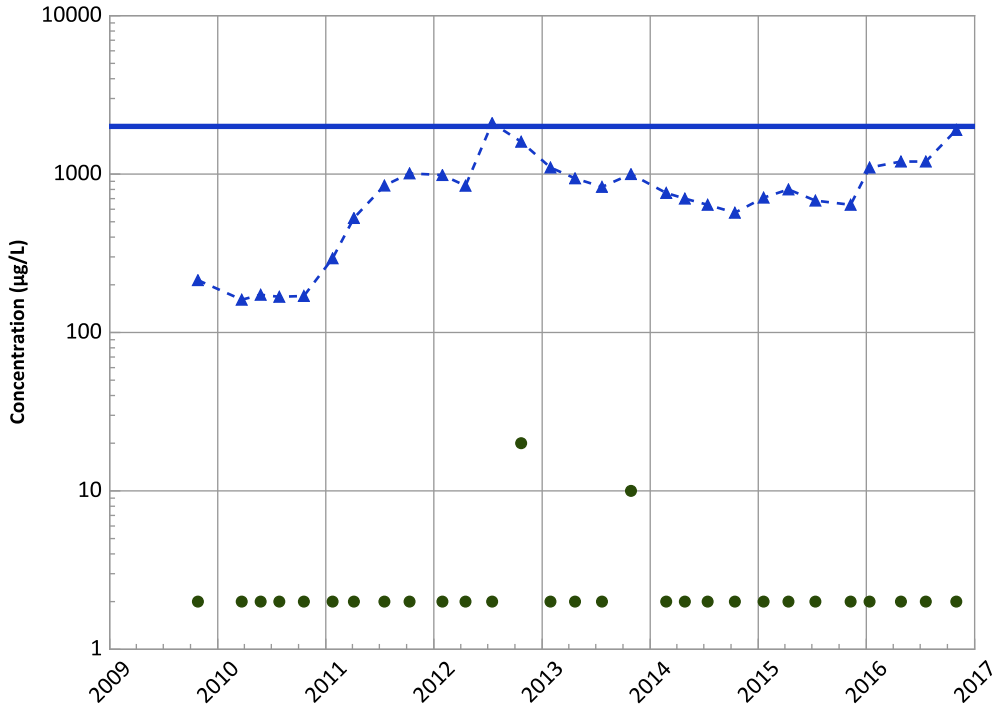
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

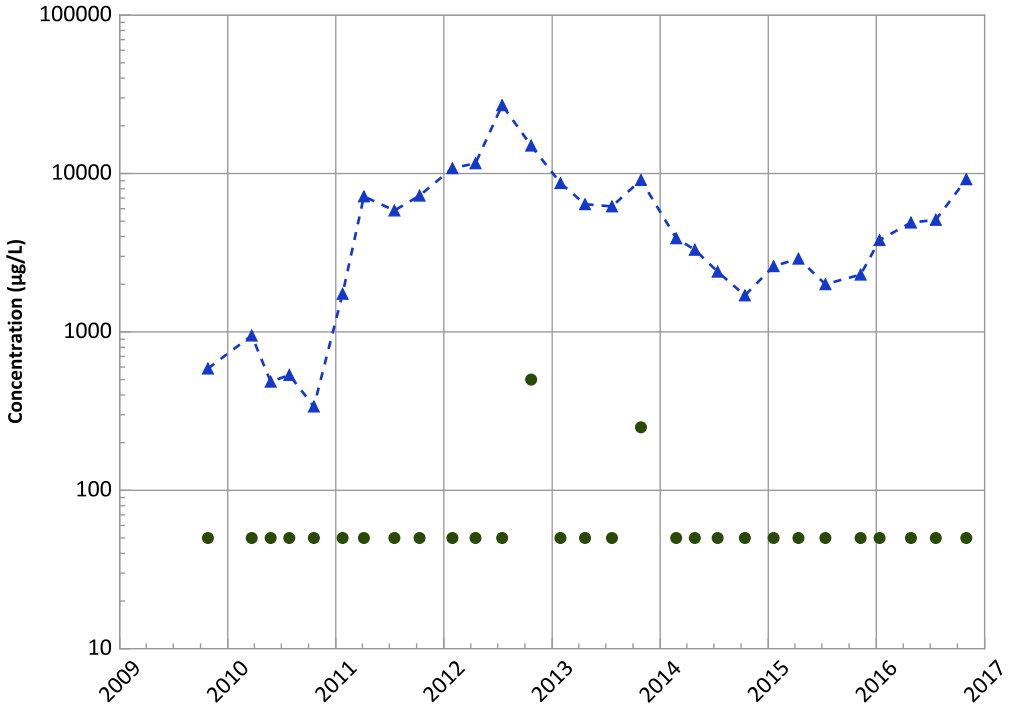


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
No Trend

Iron Trend



Concentration Trend

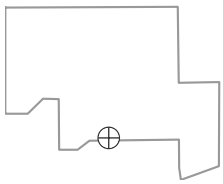
MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
Increasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Probably Increasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

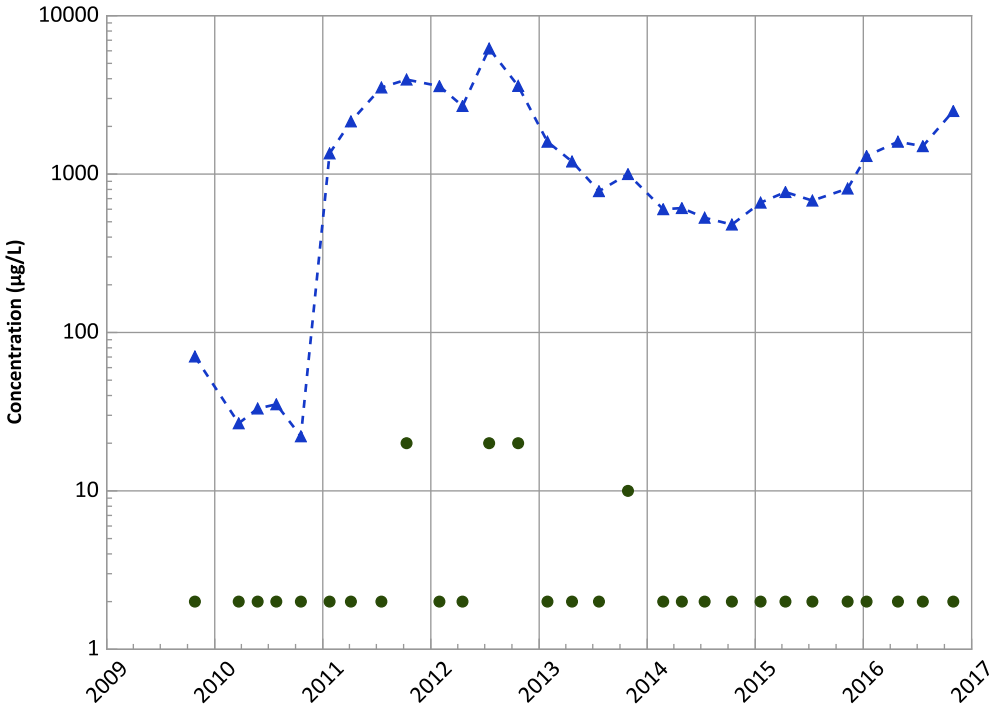
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

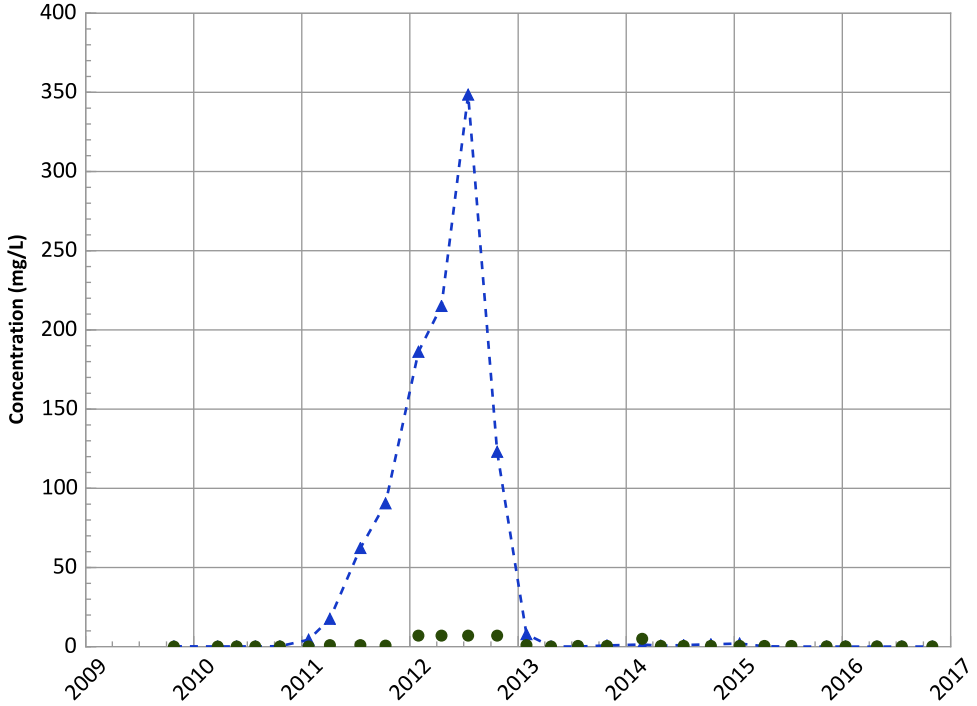


Concentration Trend

MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Probably Increasing

Total Volatile Fatty Acids Trend



Concentration Trend

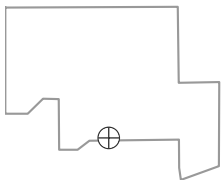
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

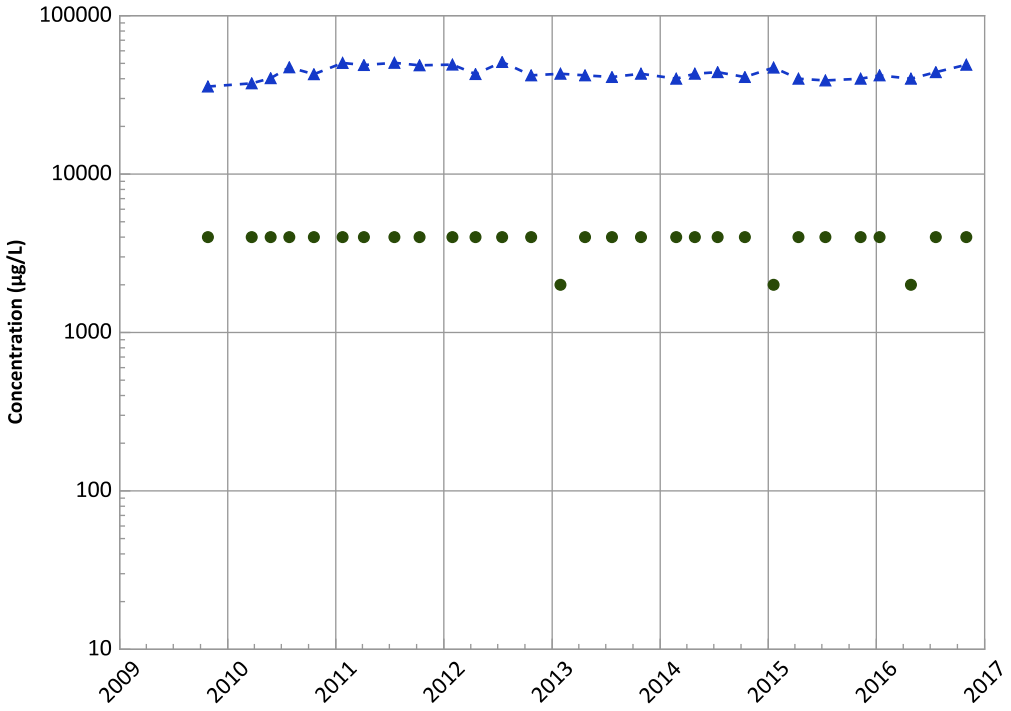
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloride (as Cl) Trend

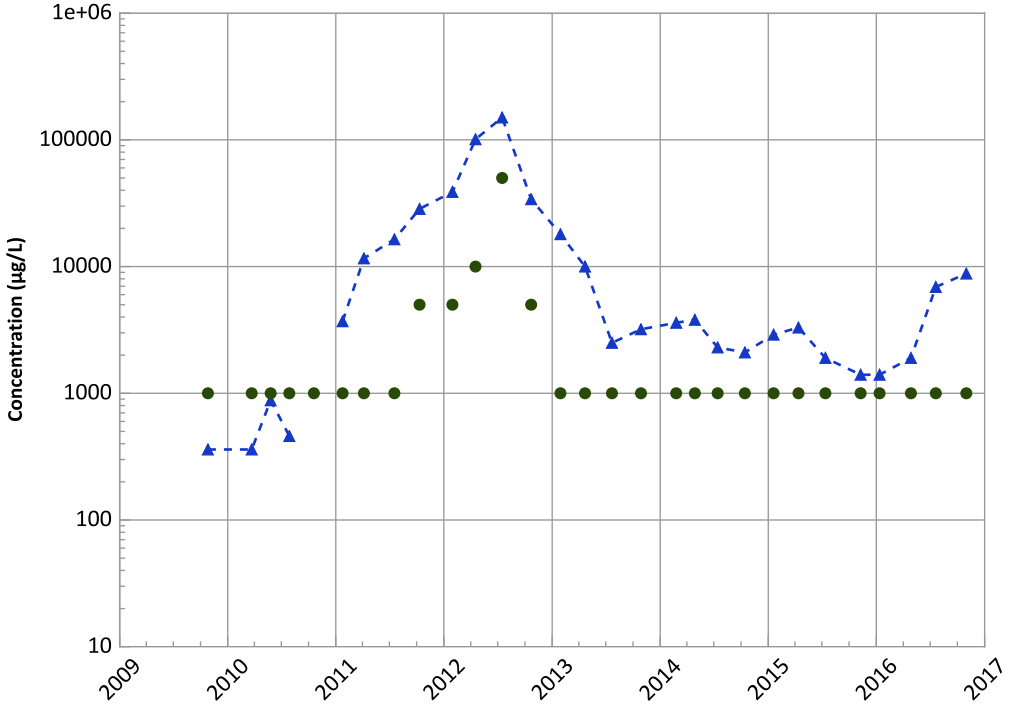


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
No Trend

Total Organic Carbon Trend



Concentration Trend

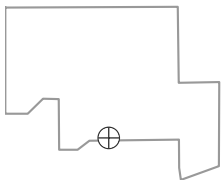
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Increasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Increasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

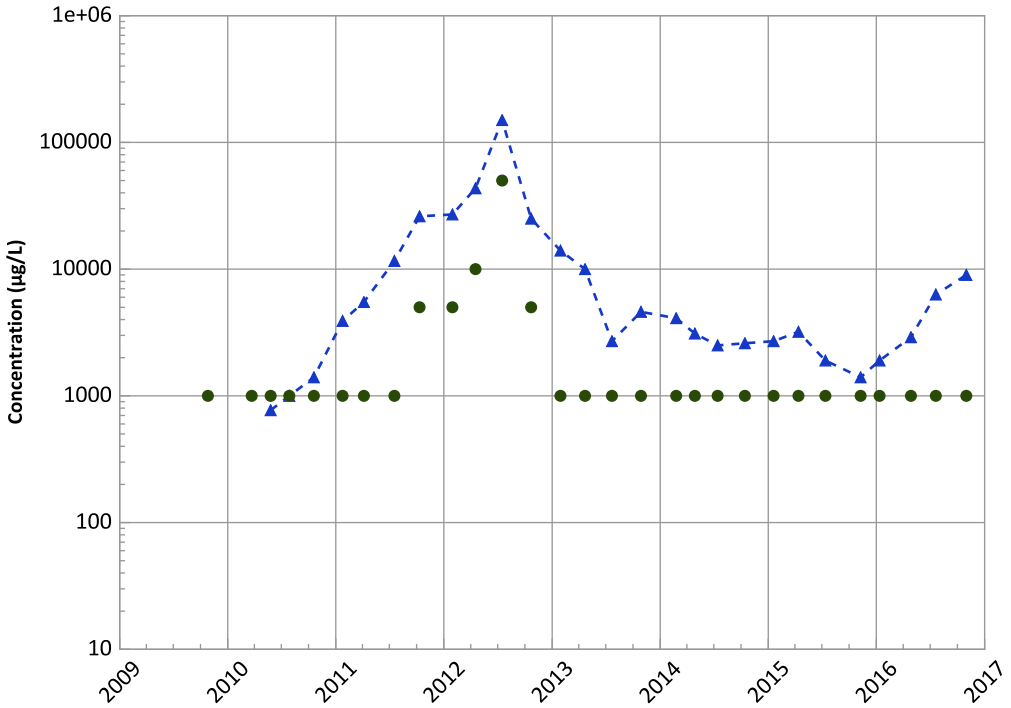
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend

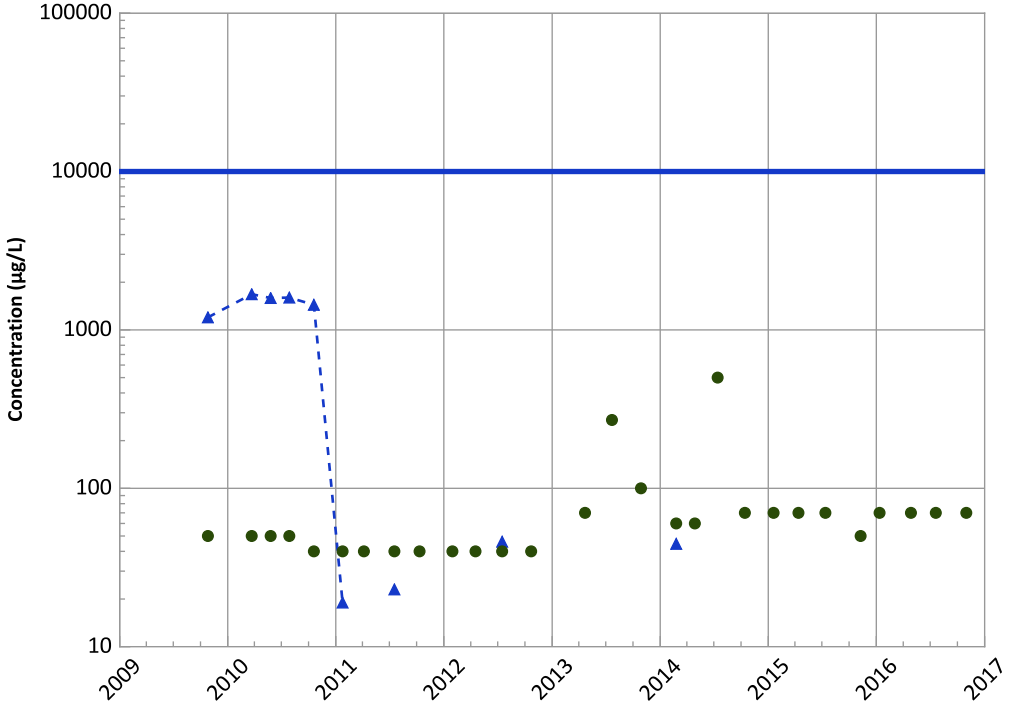


Concentration Trend

MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
Increasing

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Increasing

Nitrate as N Trend



Concentration Trend

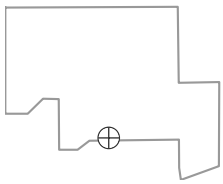
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Probably Increasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

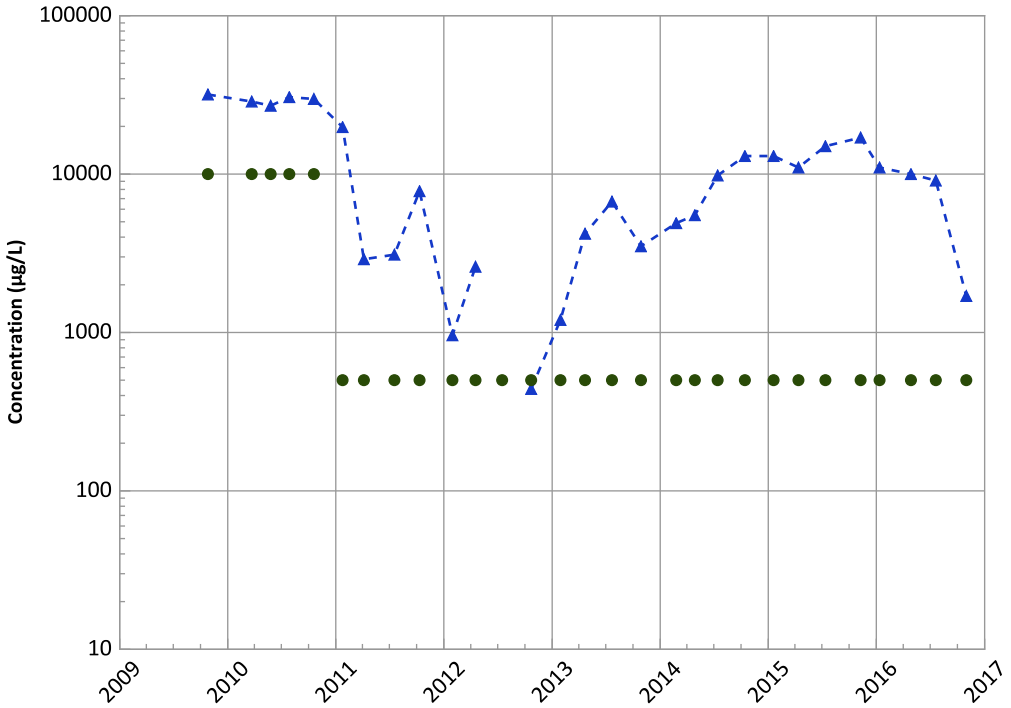
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend

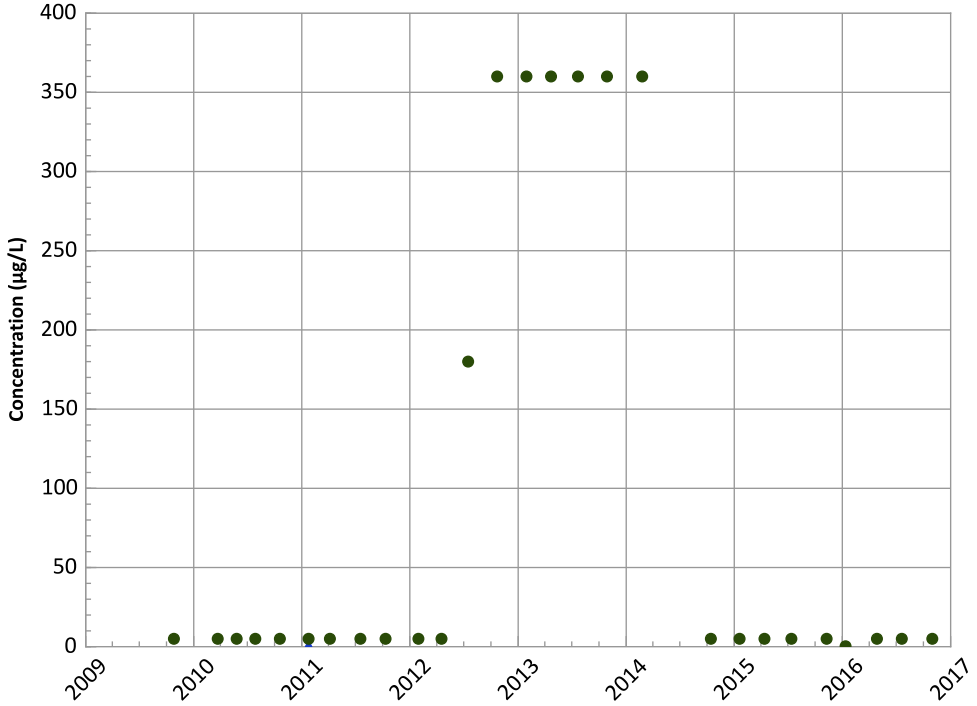


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
Stable

Ethene (Ethylene) Trend



Concentration Trend

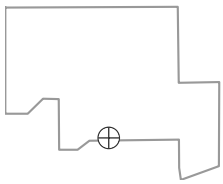
MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

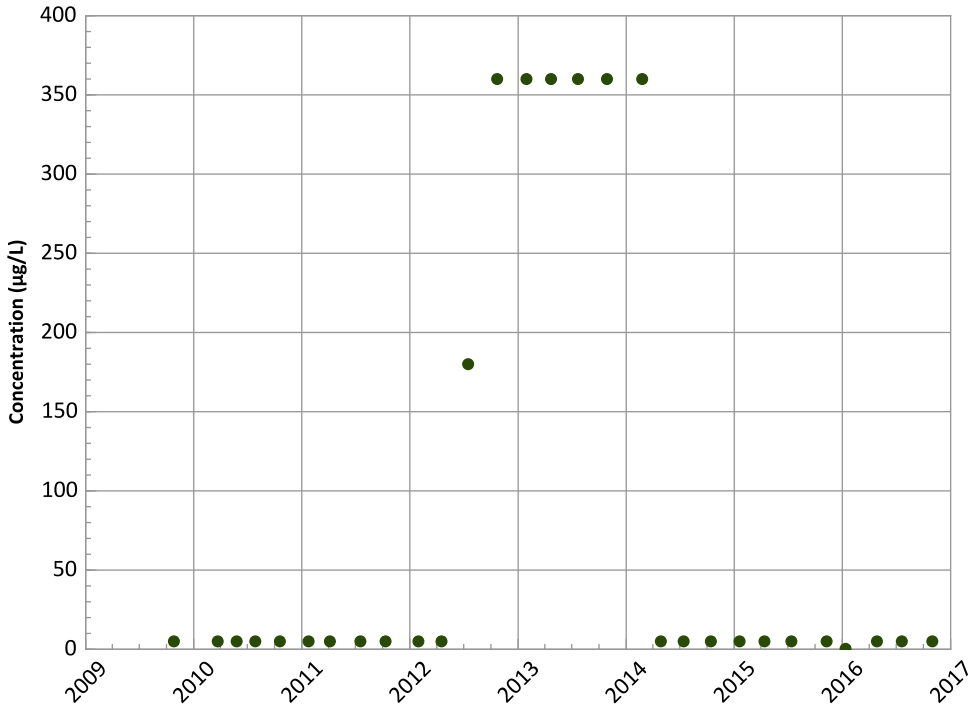
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethane Trend

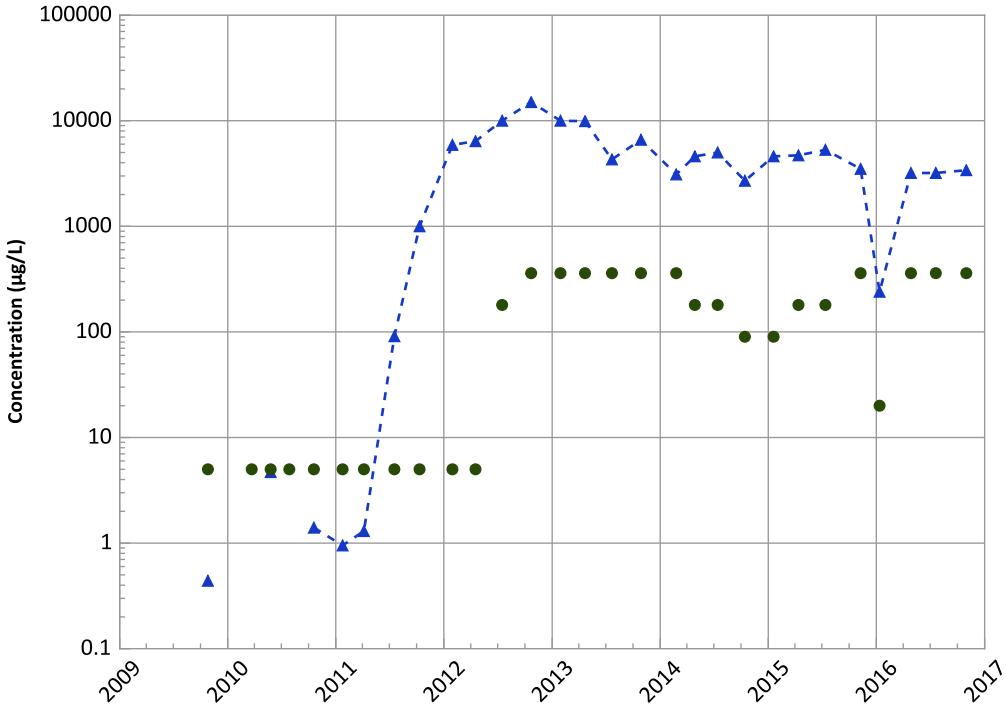


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Methane Trend



Concentration Trend

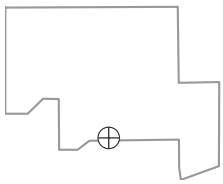
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Probably Increasing

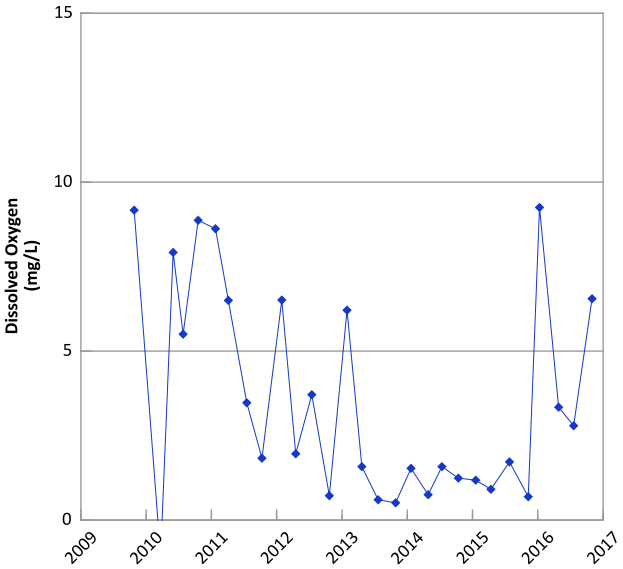
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

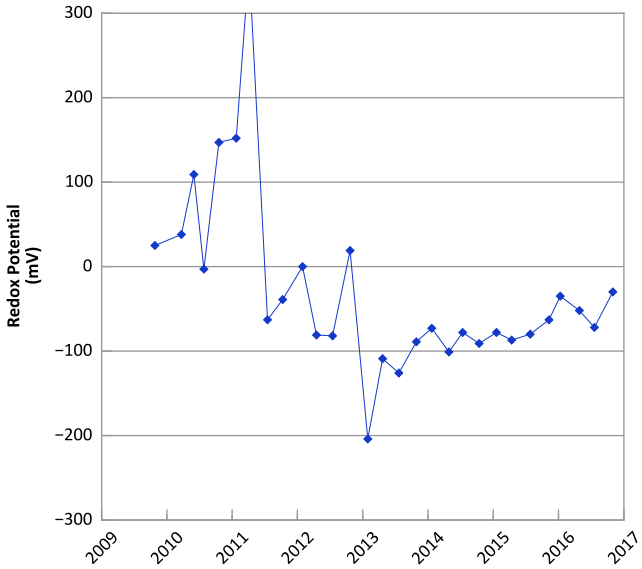
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

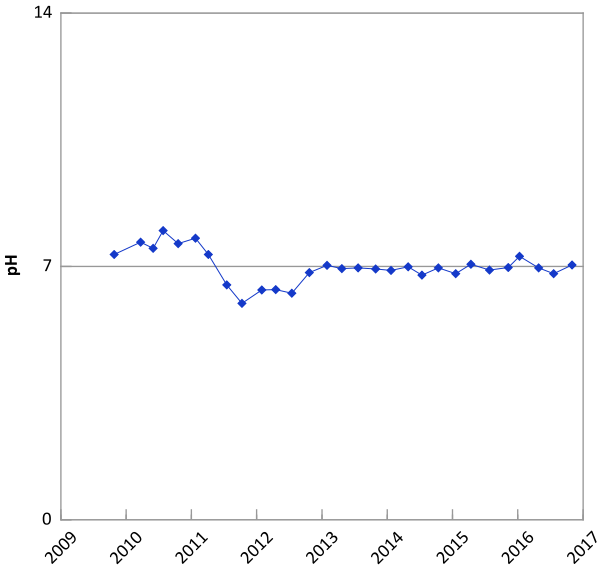
Well Location

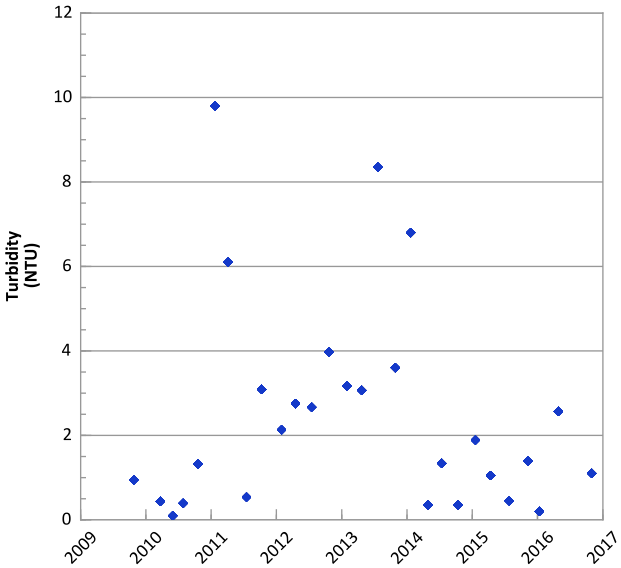


PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



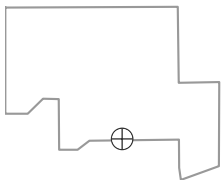






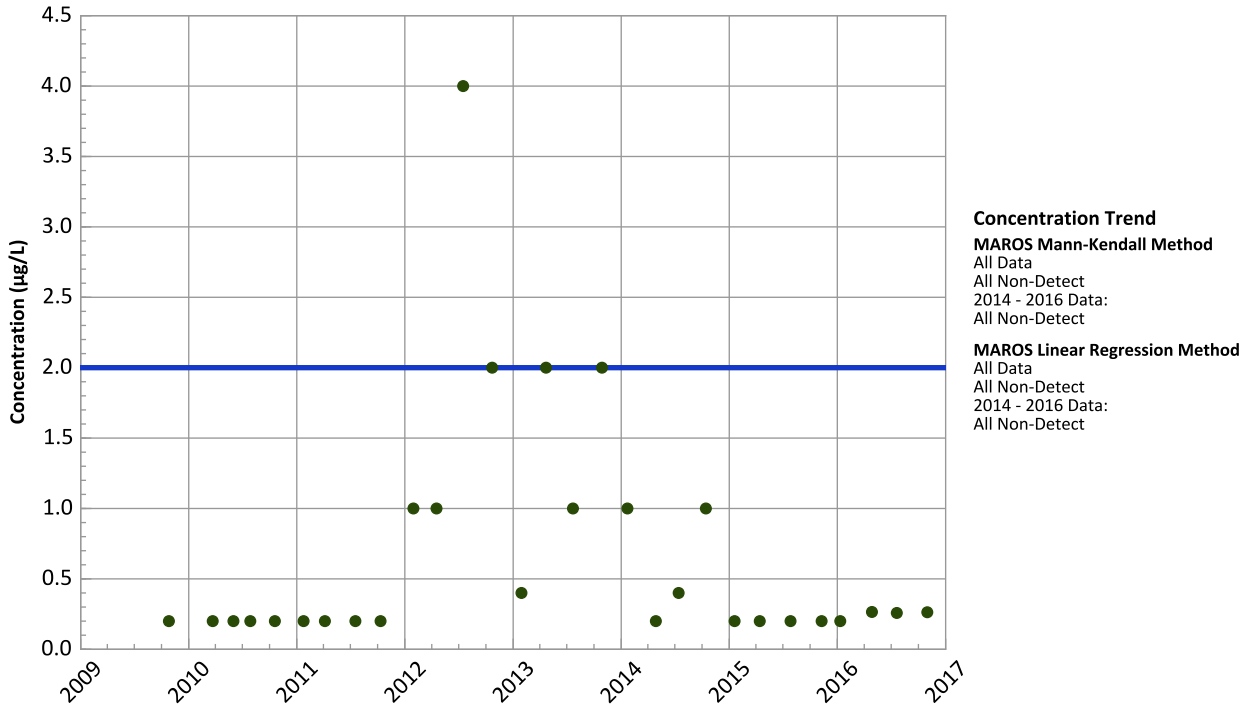
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

Well Location

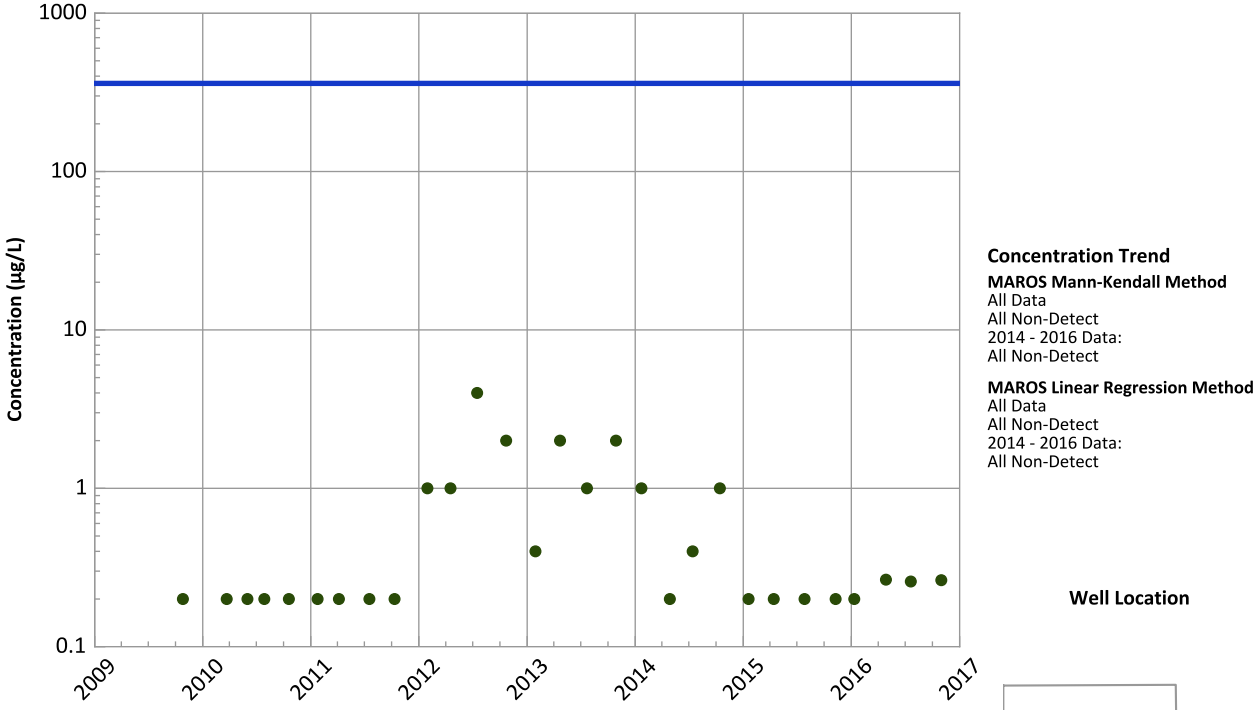


PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



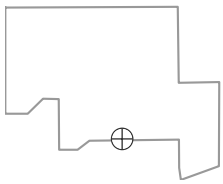
HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

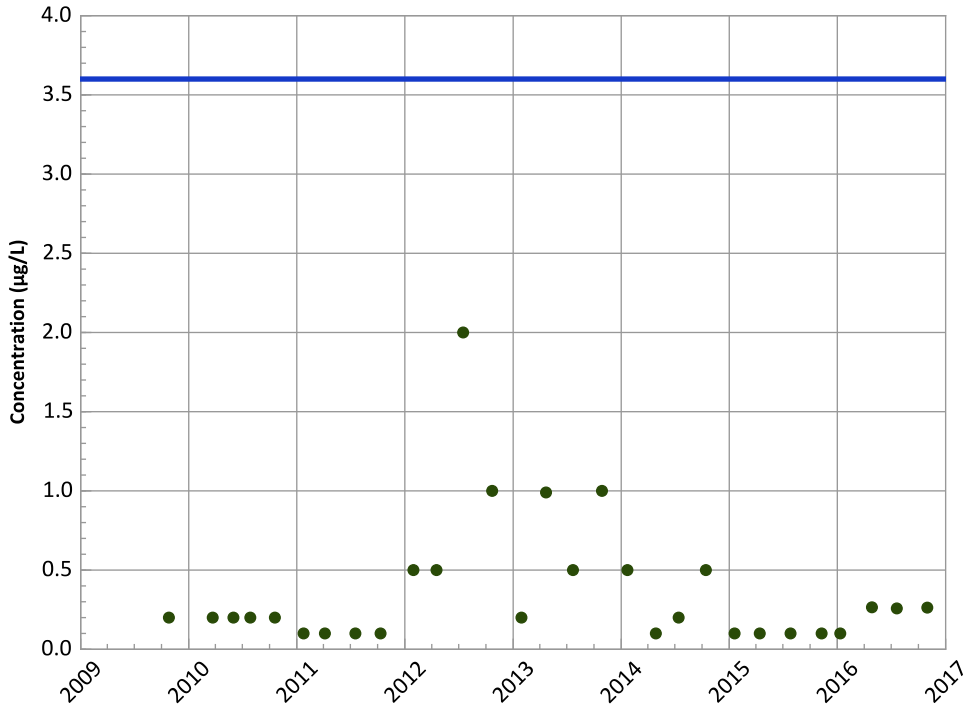
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

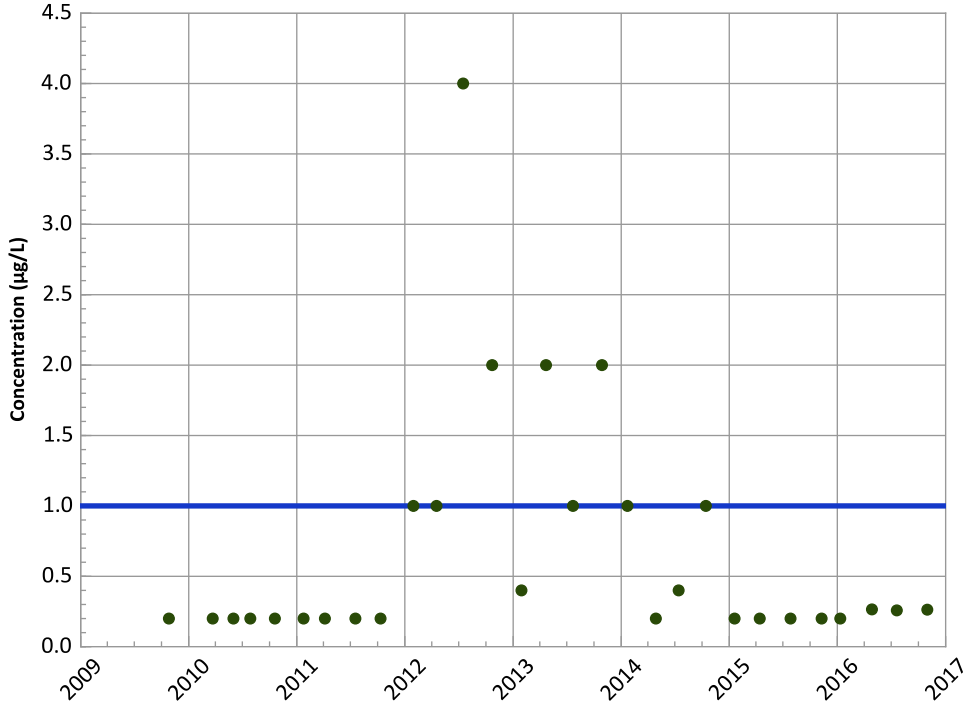


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

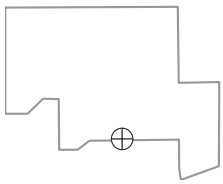
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

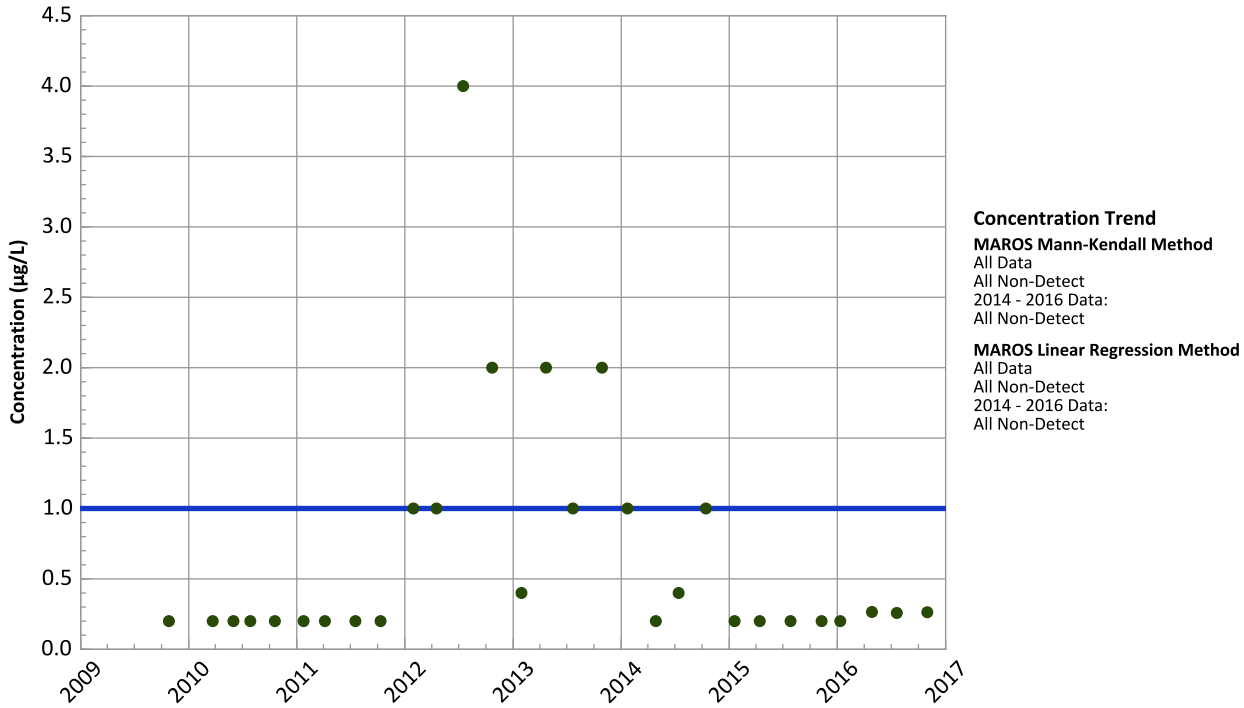
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

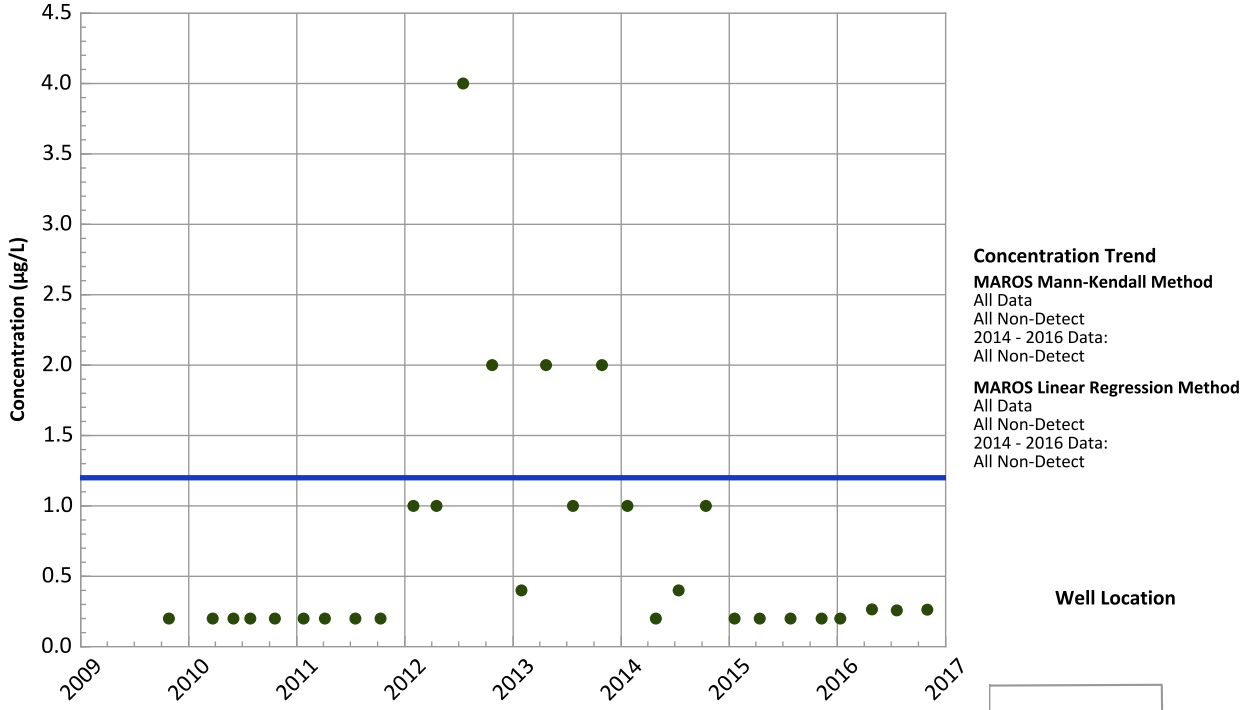


PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



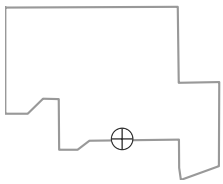
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

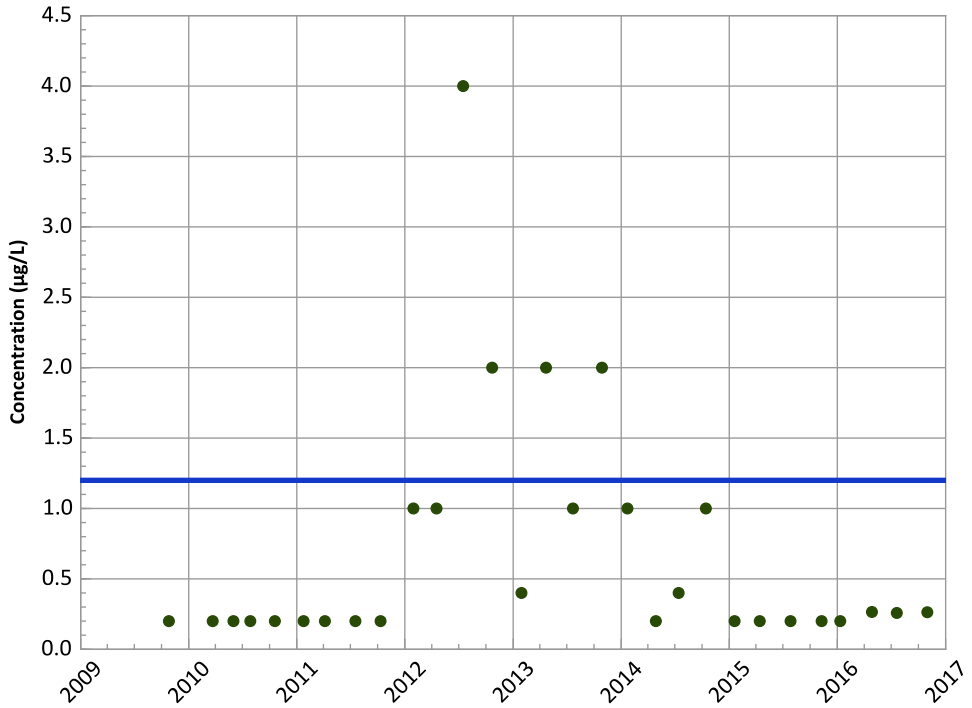
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

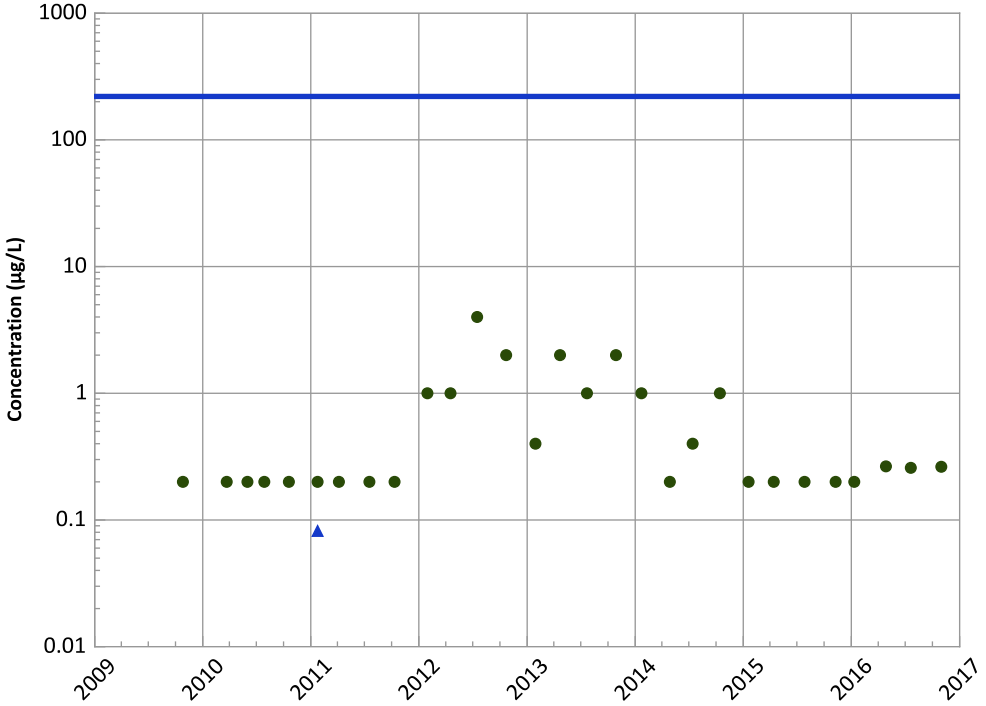


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

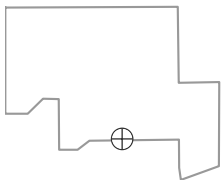
MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

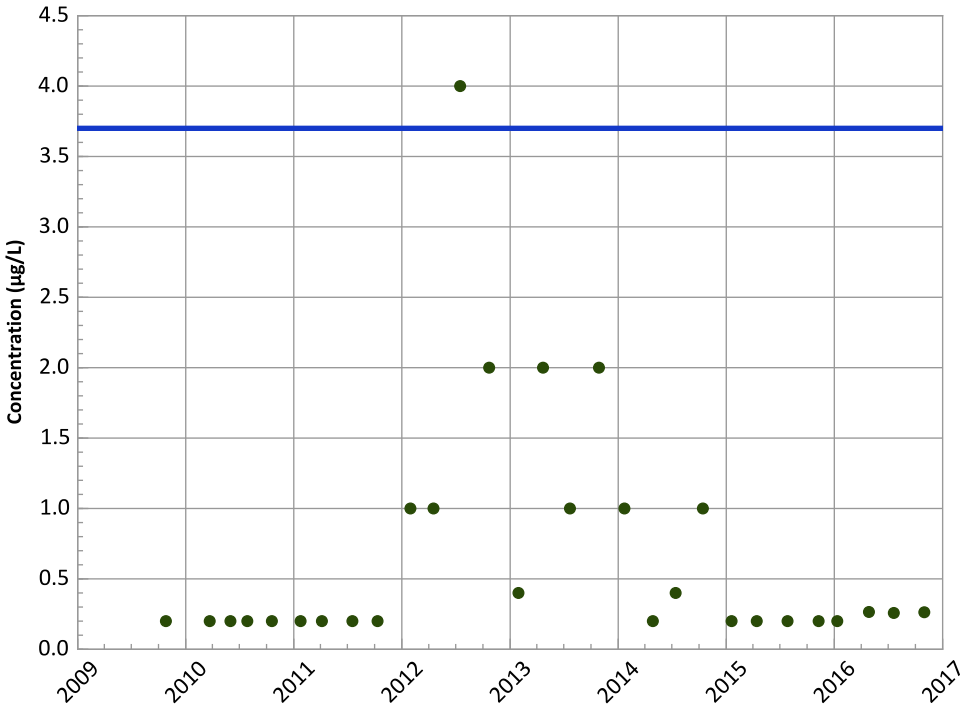
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

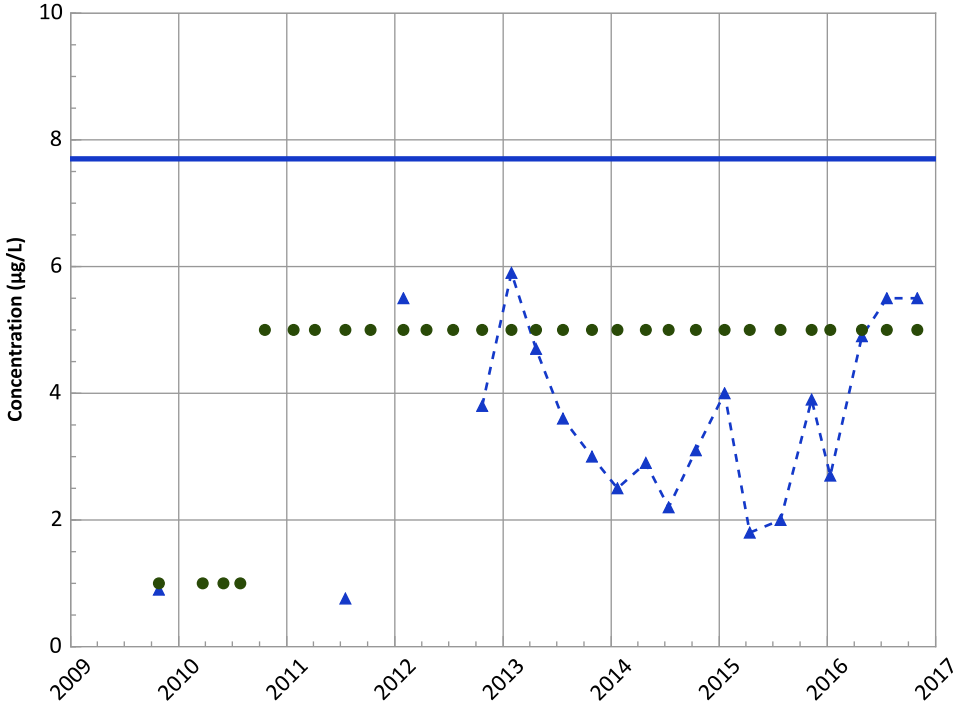


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

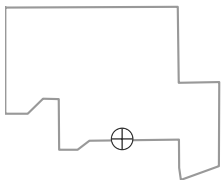
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Increasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

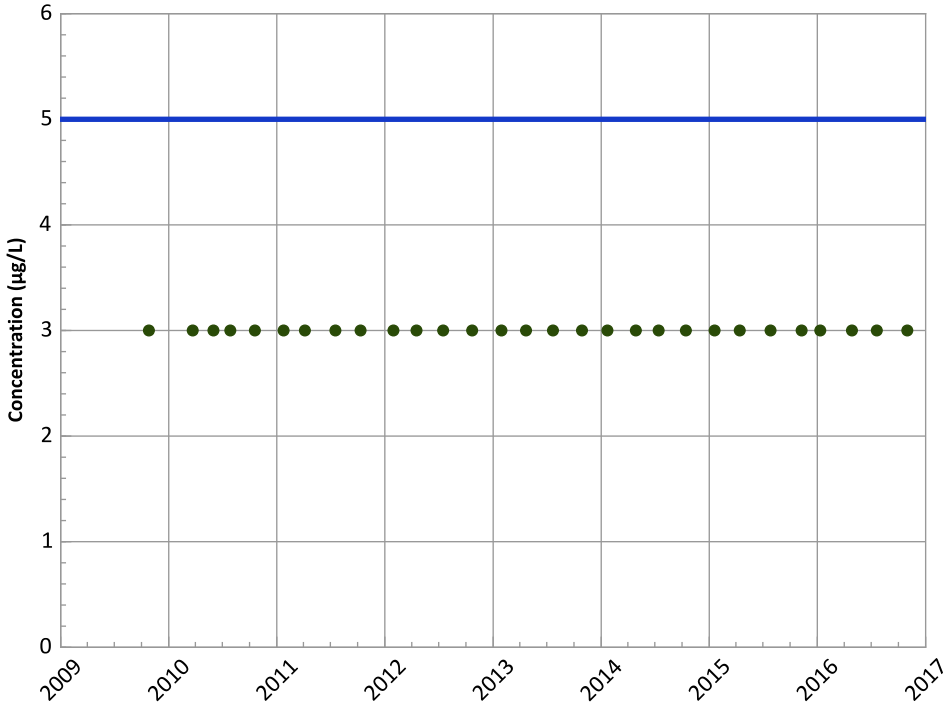
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

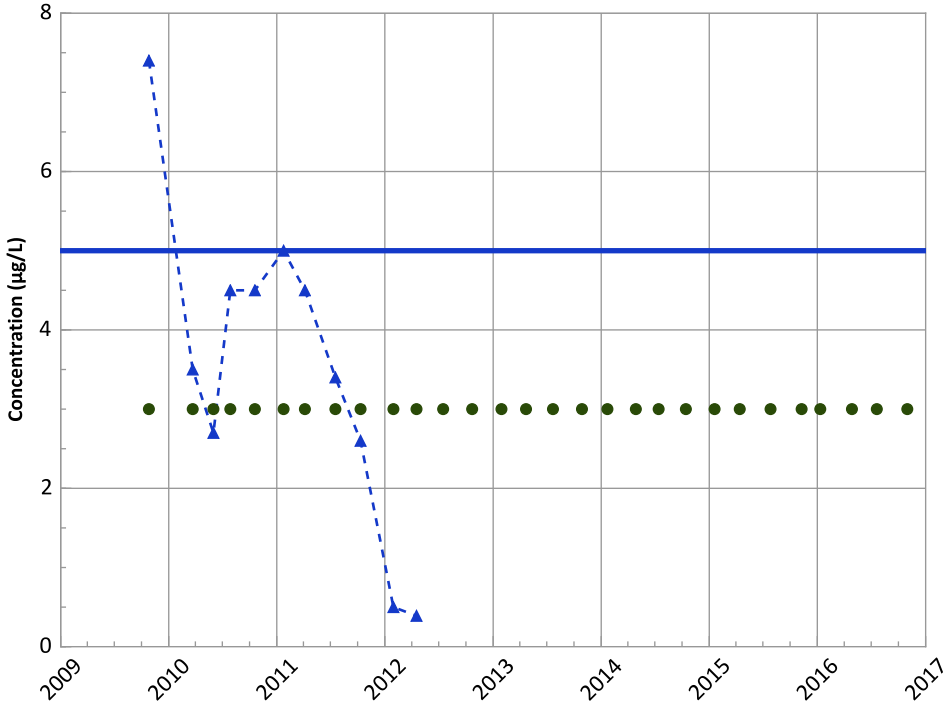


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

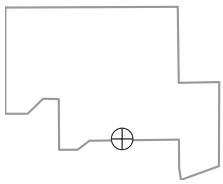
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Probably Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

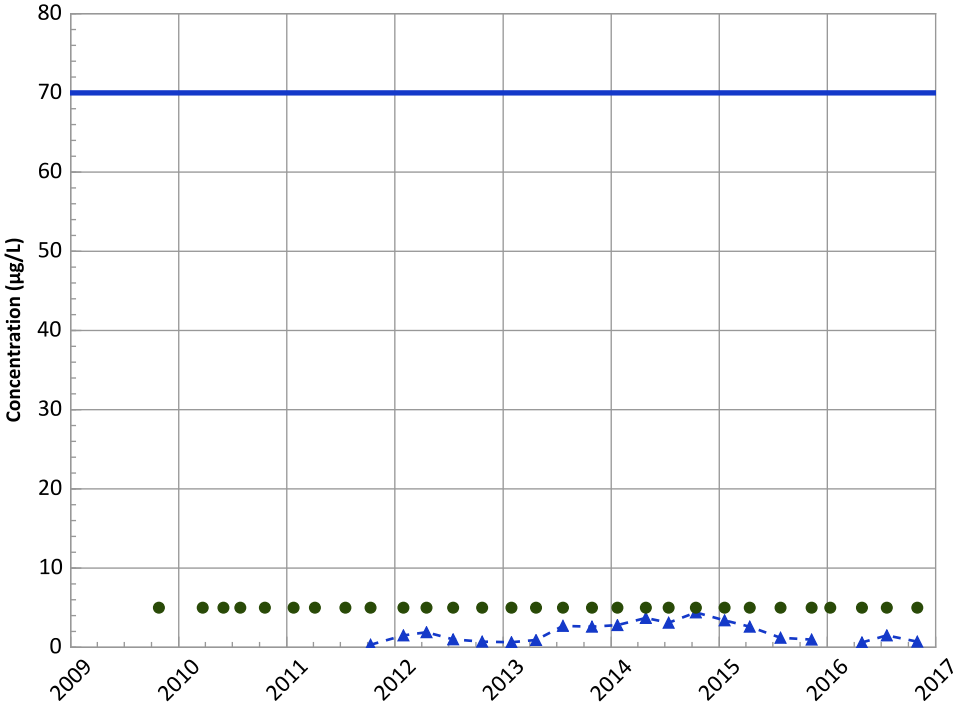
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

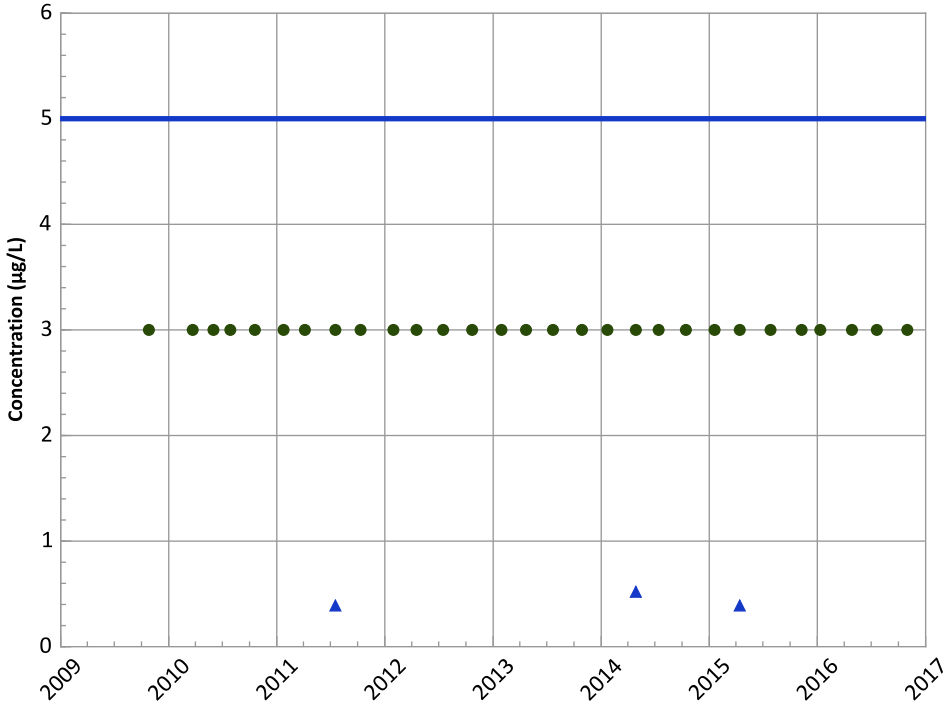


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Stable

1,2-Dichloroethane Trend



Concentration Trend

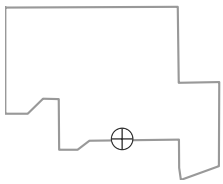
MAROS Mann-Kendall Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

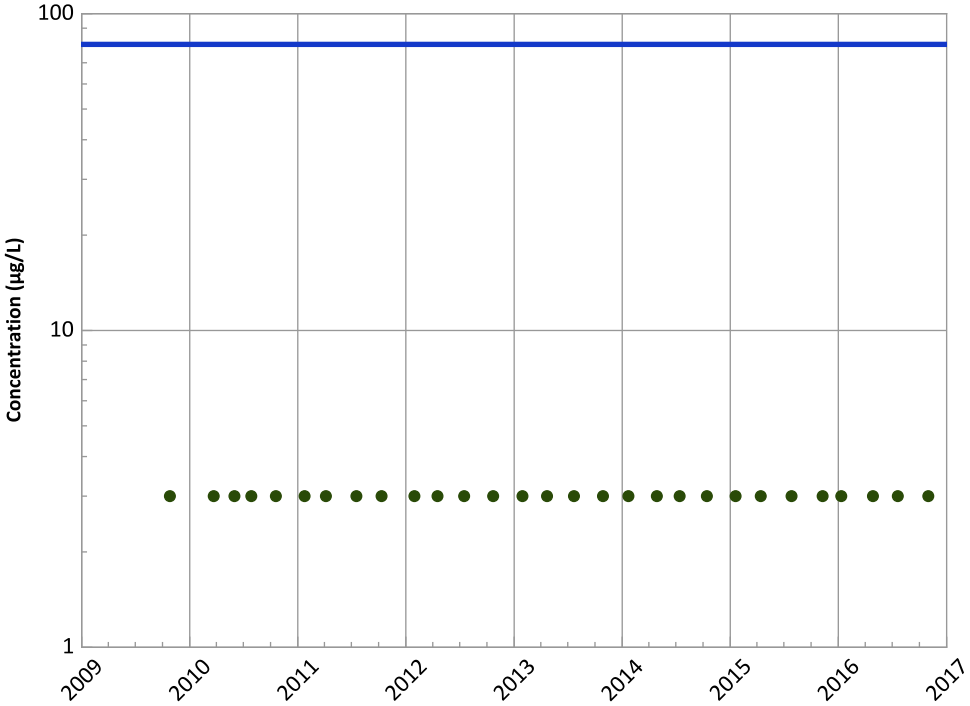
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

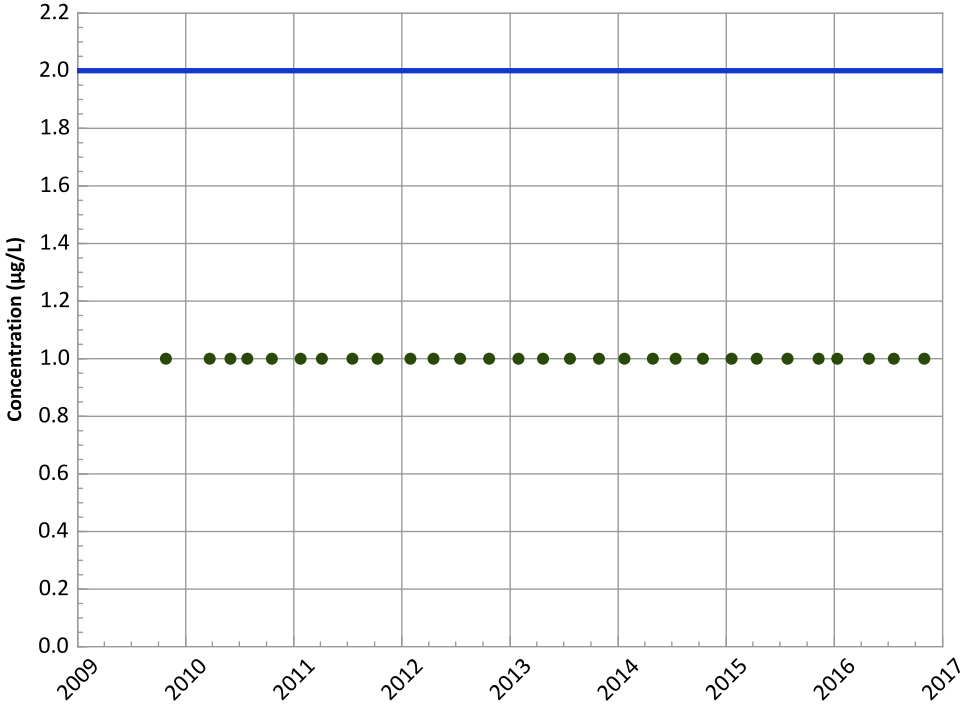


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

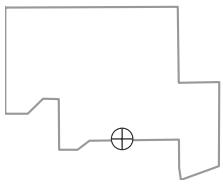
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

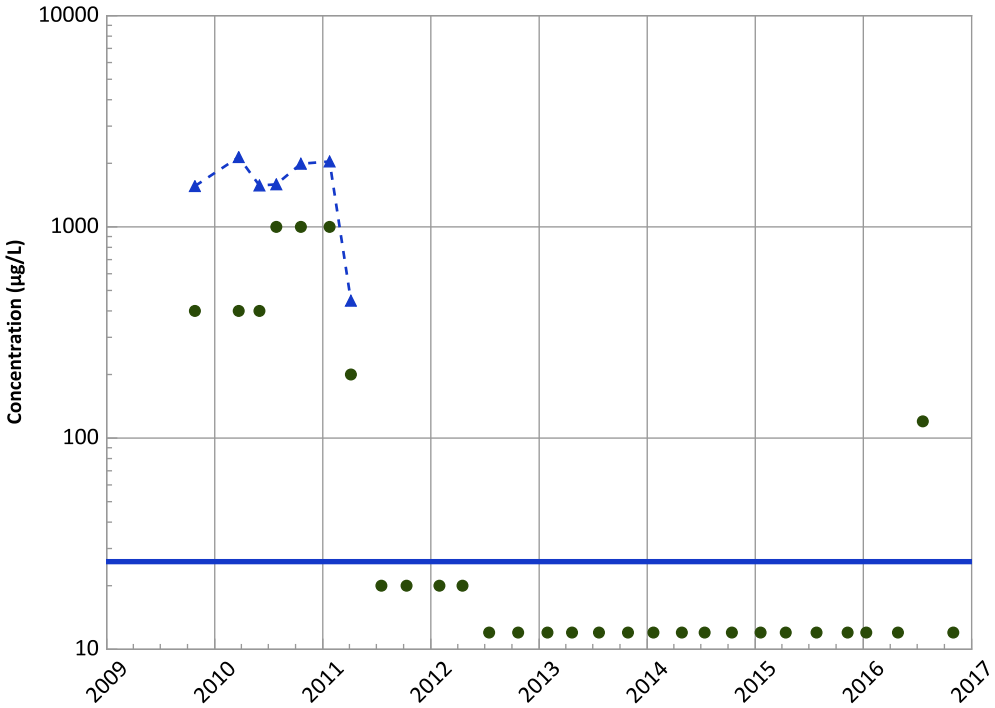
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

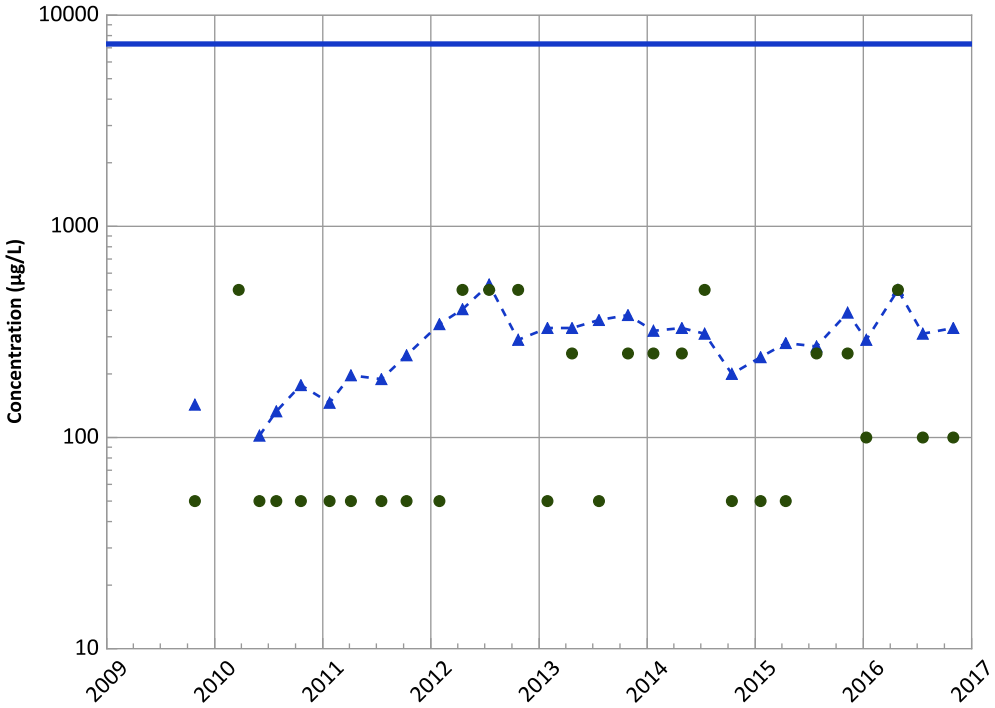


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
Stable
2014 - 2016 Data:
Stable

Boron Trend



Concentration Trend

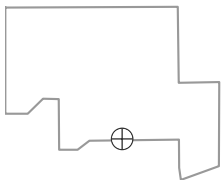
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

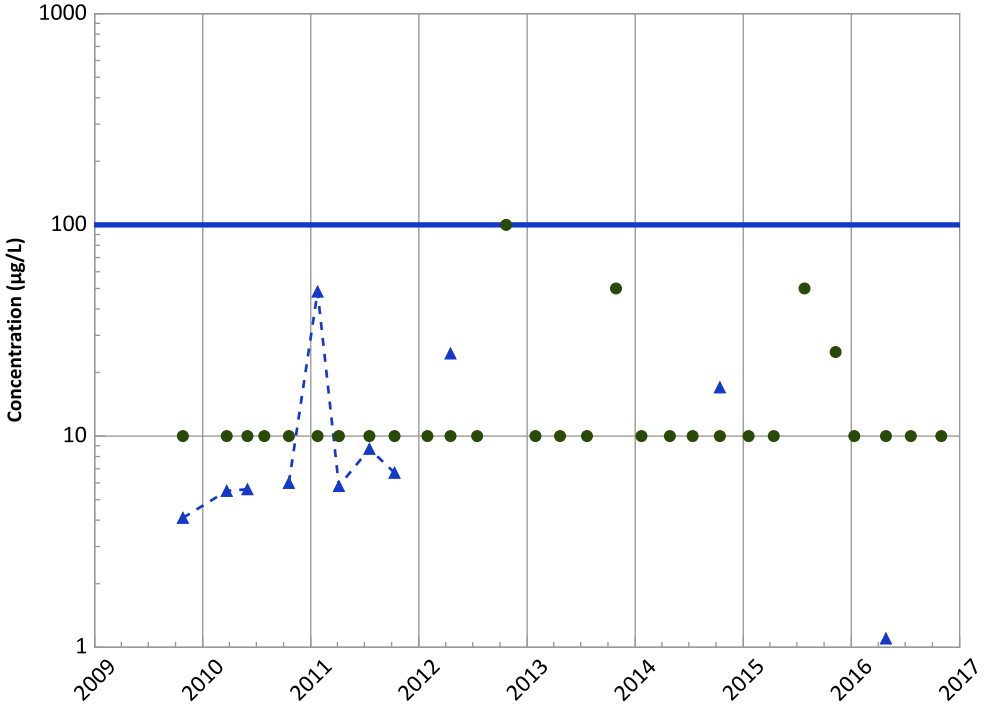
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

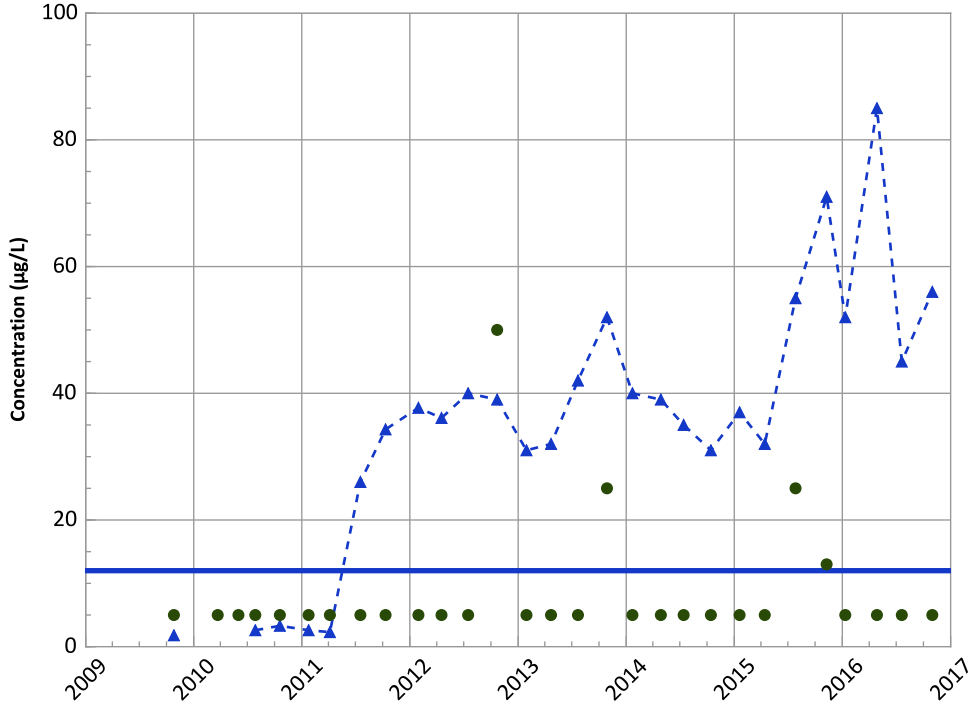


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Stable

Arsenic Trend



Concentration Trend

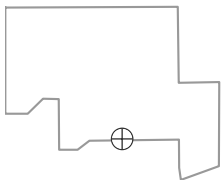
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Stable

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

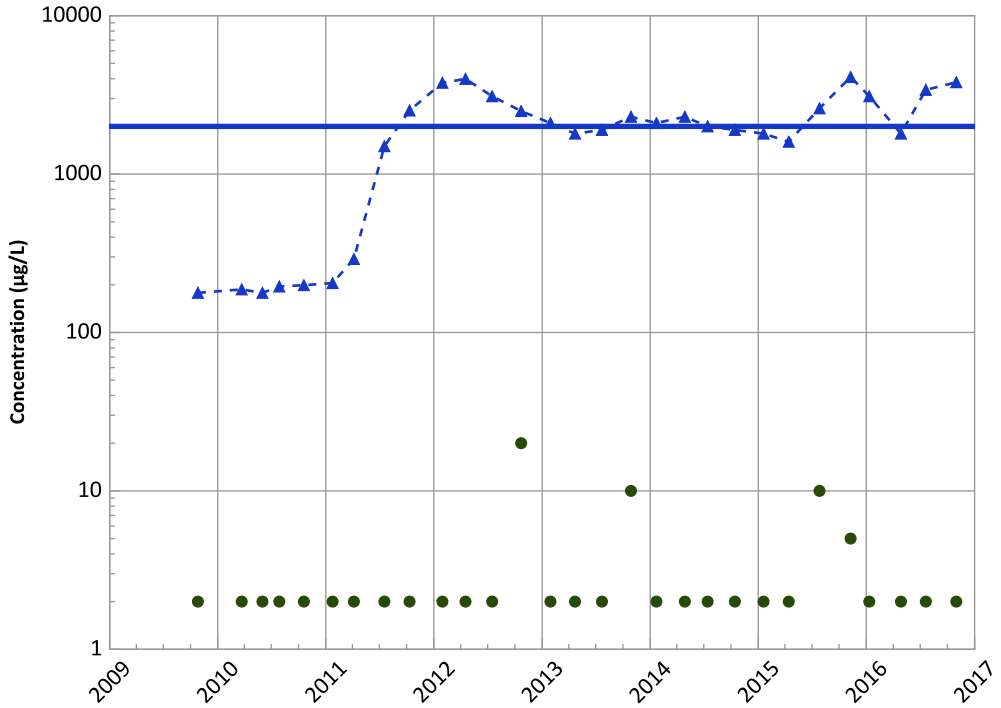
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

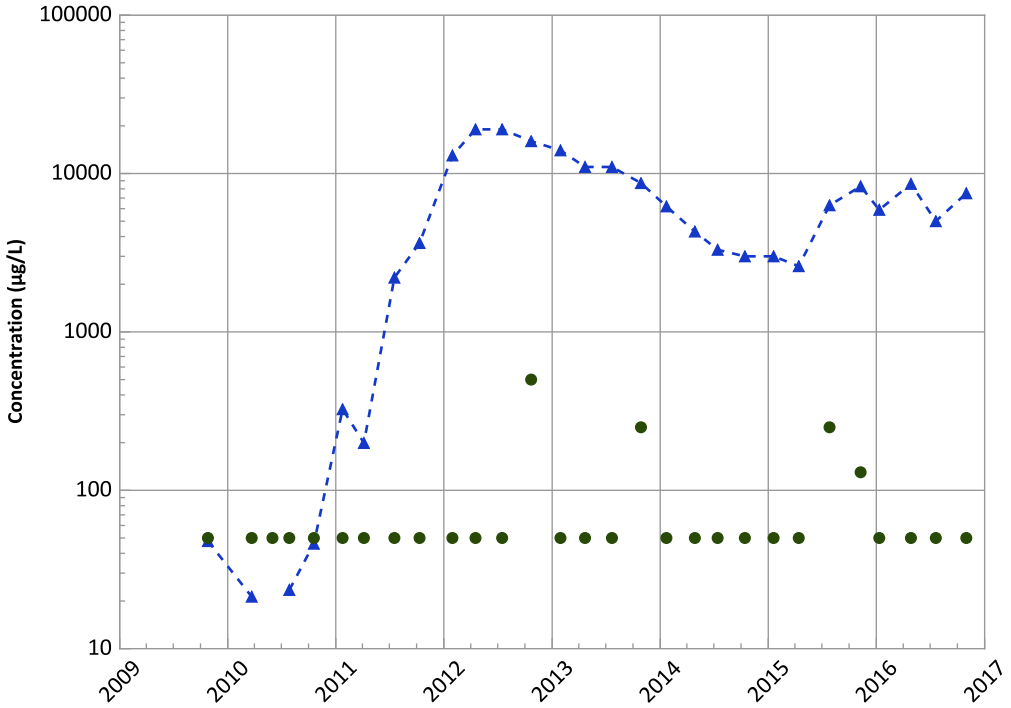


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
No Trend

Iron Trend



Concentration Trend

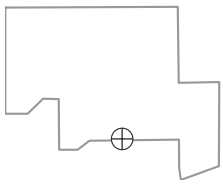
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Stable

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

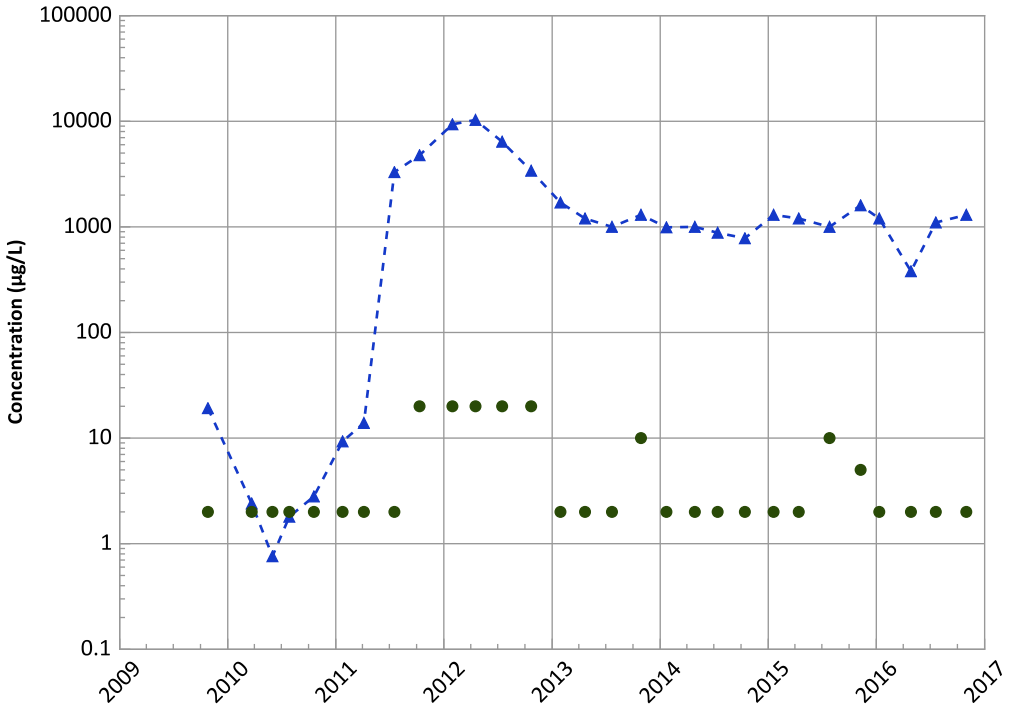
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

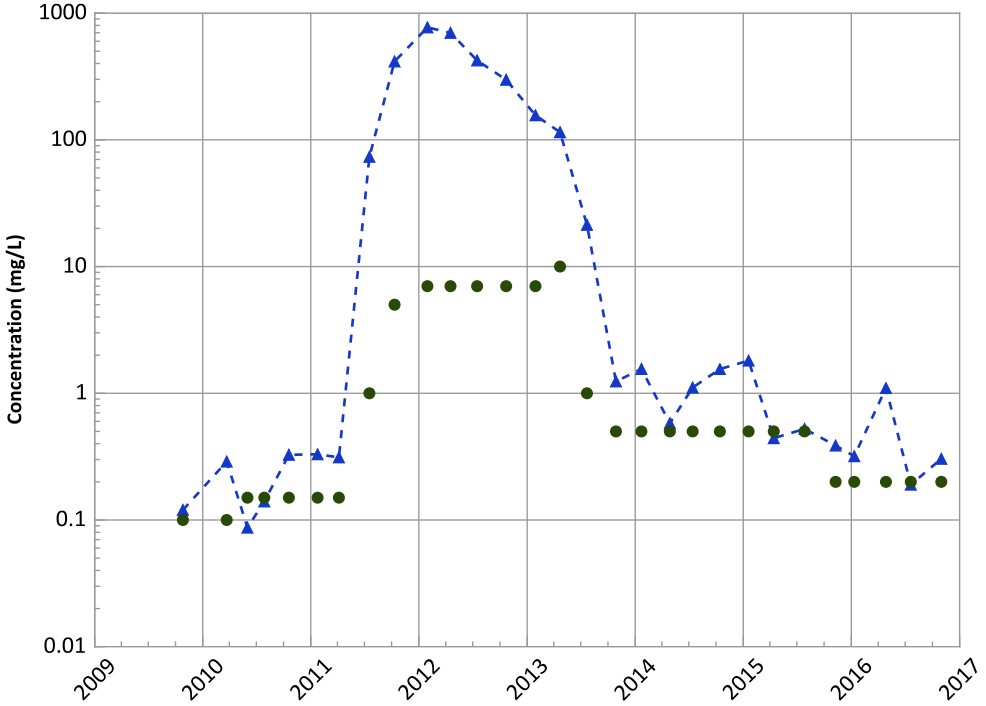


Concentration Trend

MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
No Trend

Total Volatile Fatty Acids Trend



Concentration Trend

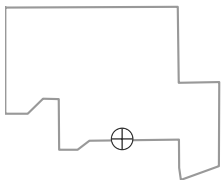
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

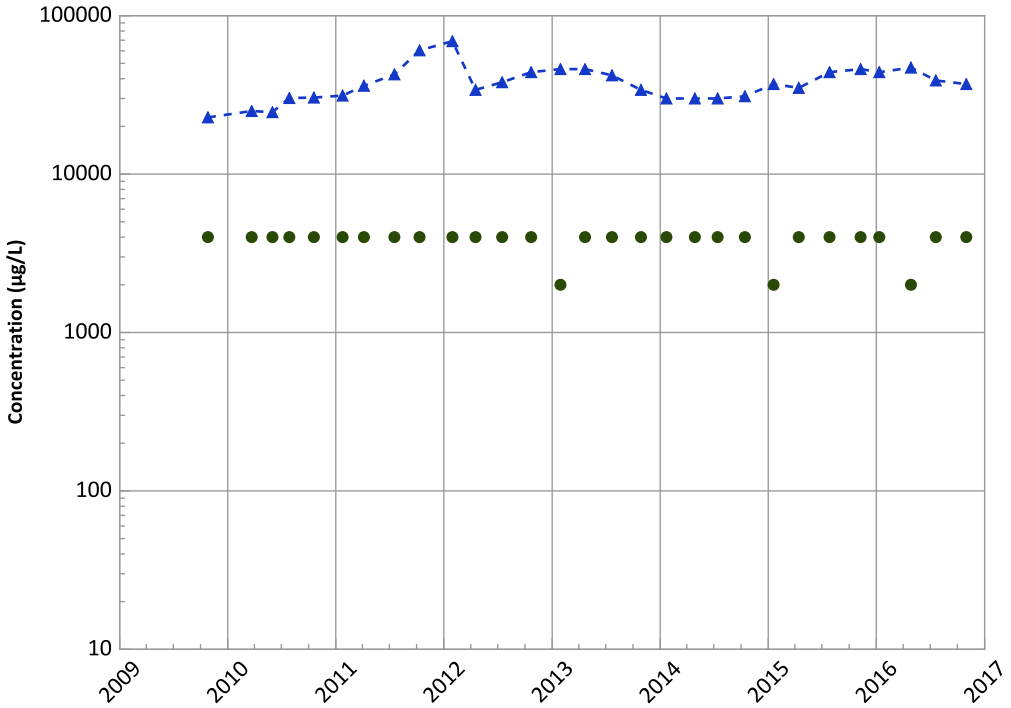
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloride (as Cl) Trend

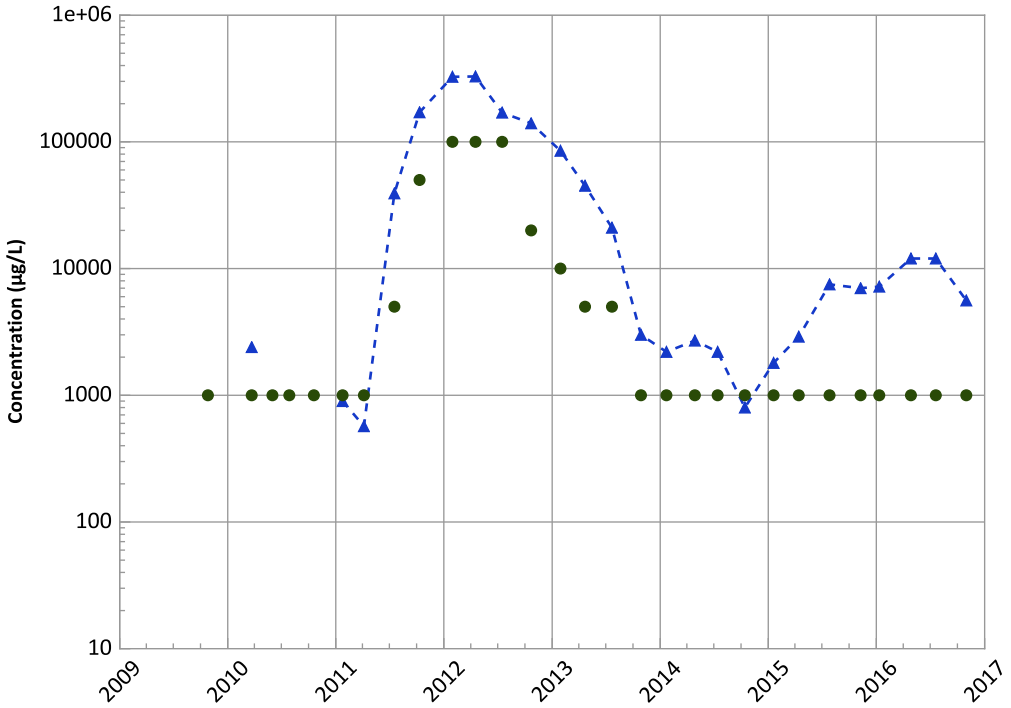


Concentration Trend

MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Stable

Total Organic Carbon Trend



Concentration Trend

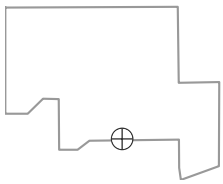
MAROS Mann-Kendall Method
All Data
No Trend
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
No Trend

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

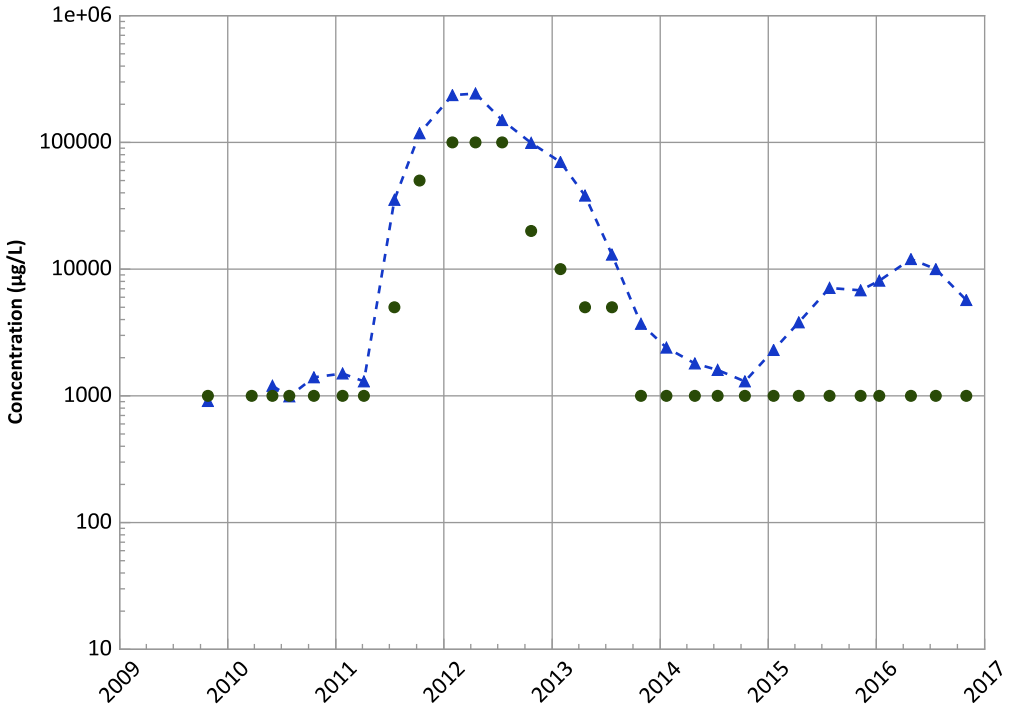
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend

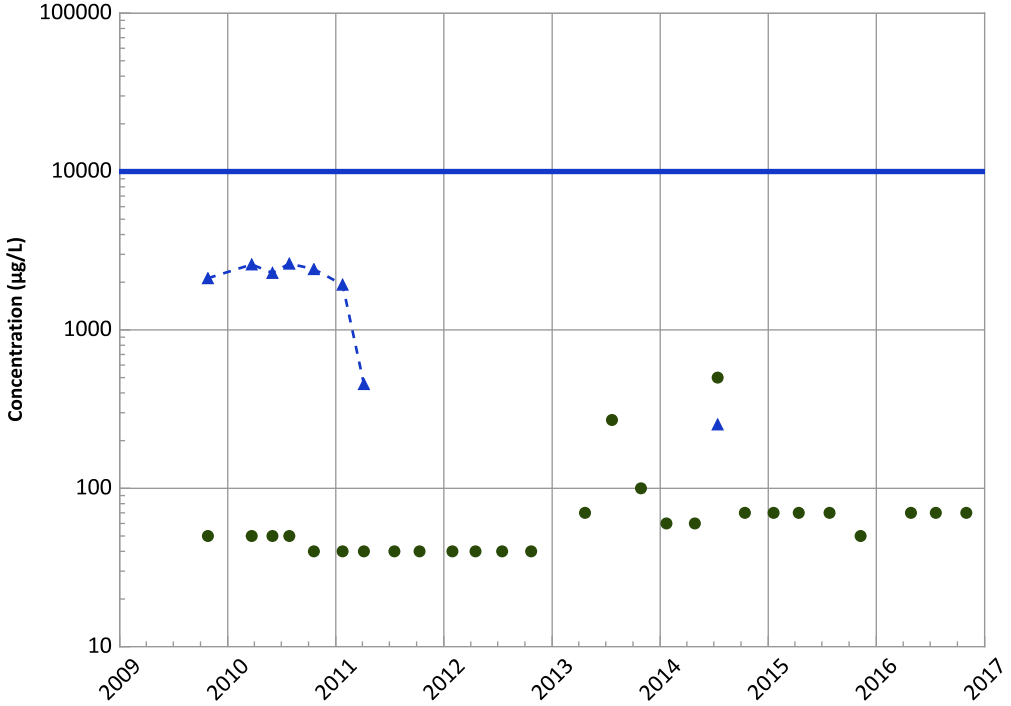


Concentration Trend

MAROS Mann-Kendall Method
All Data
Probably Increasing
2014 - 2016 Data:
Decreasing

MAROS Linear Regression Method
All Data
No Trend
2014 - 2016 Data:
Stable

Nitrate as N Trend



Concentration Trend

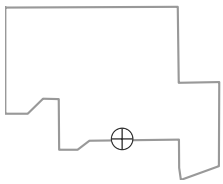
MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Decreasing

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

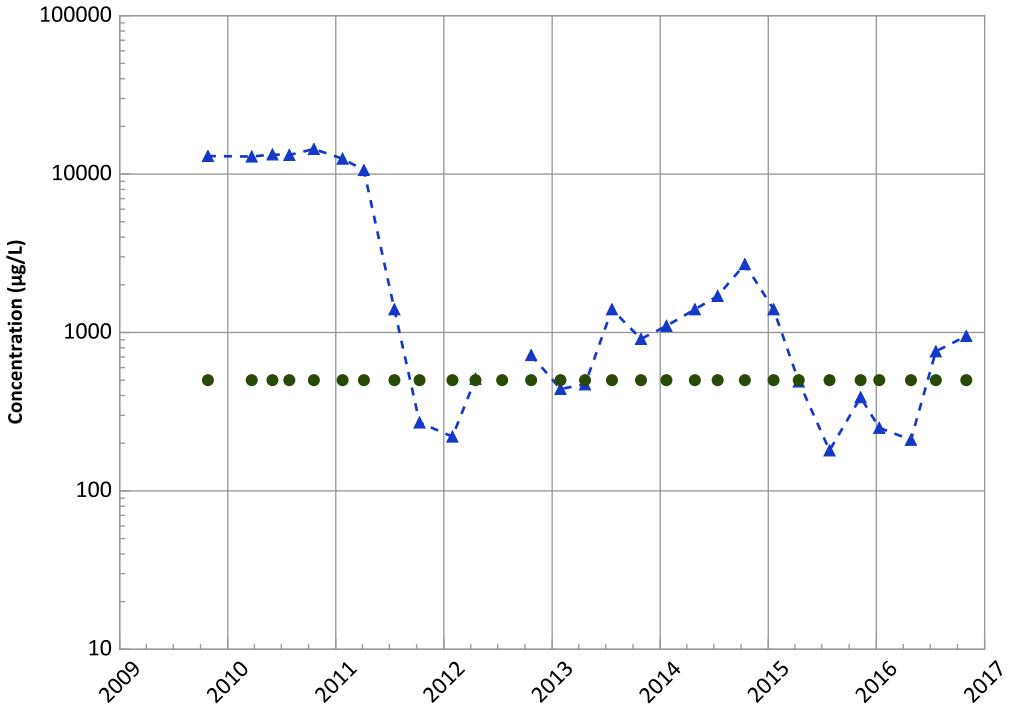
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend

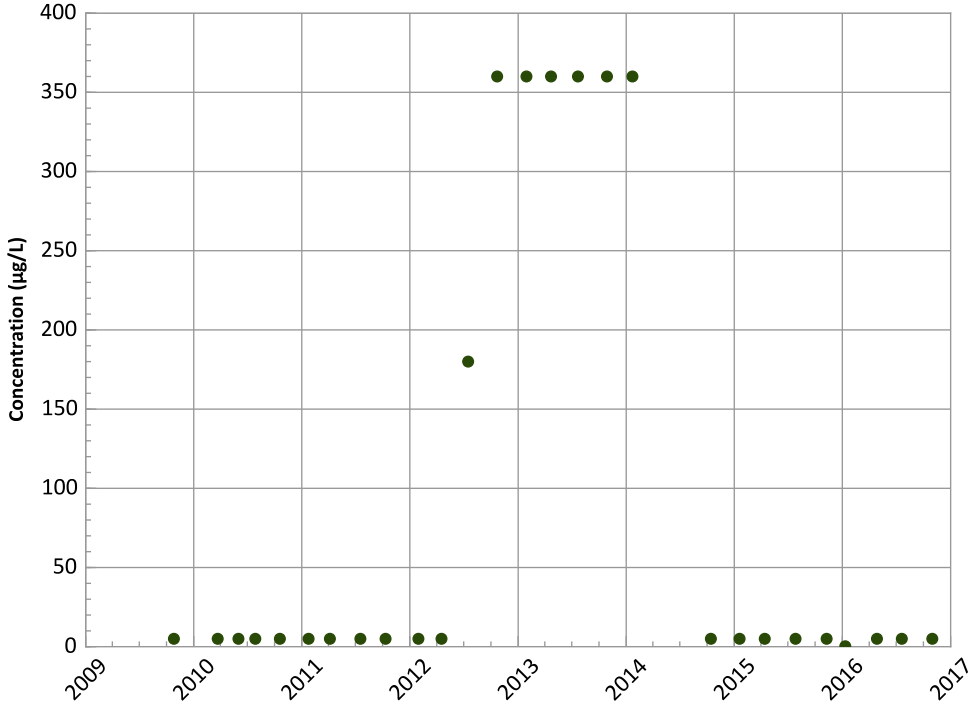


Concentration Trend

MAROS Mann-Kendall Method
All Data
Decreasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Decreasing
2014 - 2016 Data:
Probably Increasing

Ethene (Ethylene) Trend



Concentration Trend

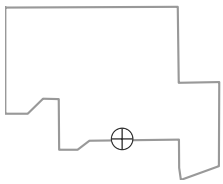
MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

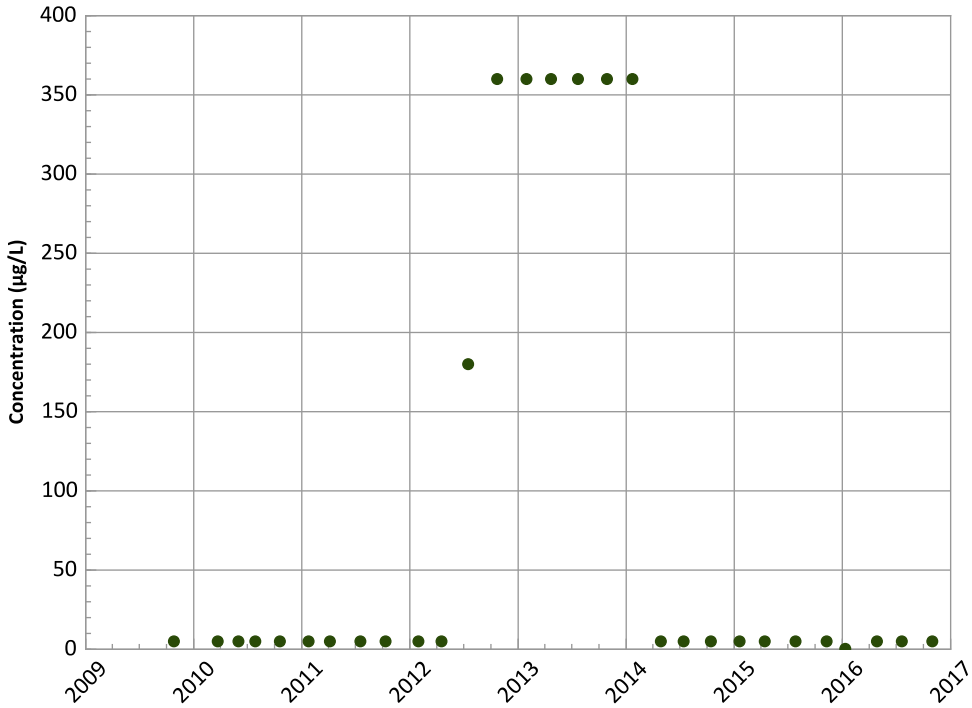
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethane Trend

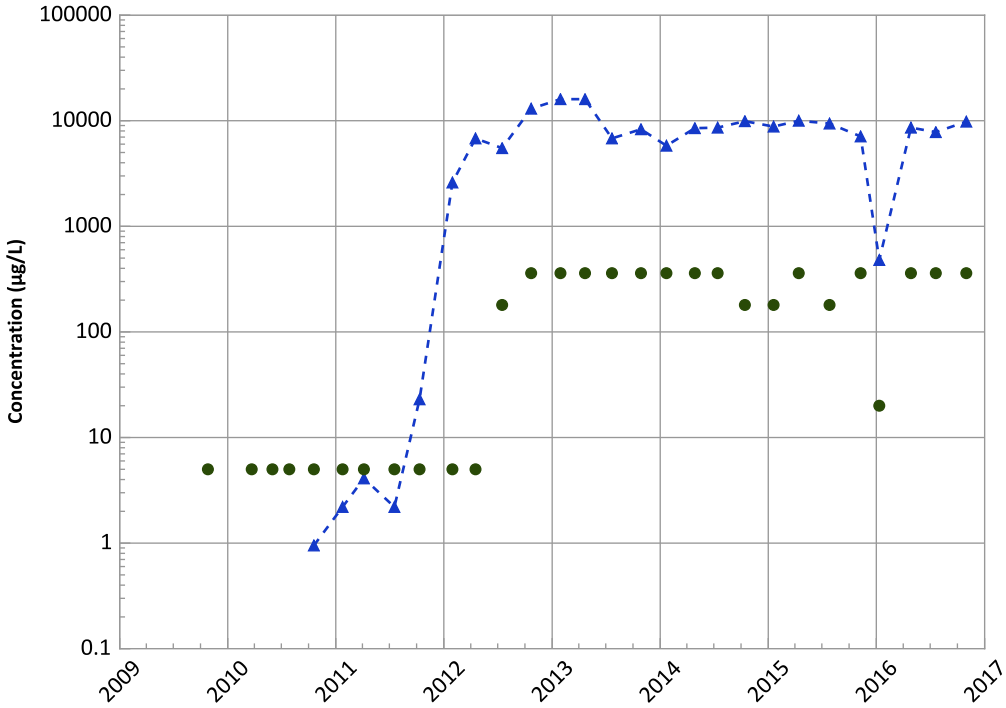


Concentration Trend

MAROS Mann-Kendall Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Methane Trend



Concentration Trend

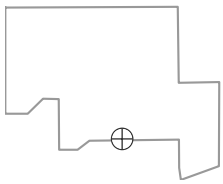
MAROS Mann-Kendall Method
All Data
Increasing
2014 - 2016 Data:
No Trend

MAROS Linear Regression Method
All Data
Increasing
2014 - 2016 Data:
Probably Increasing

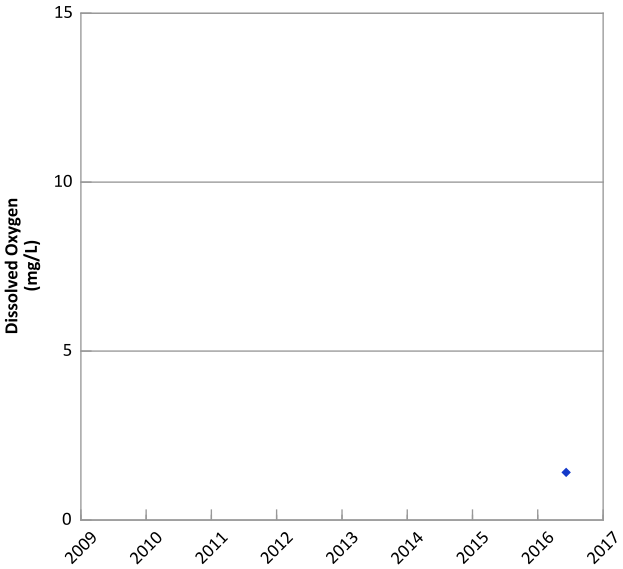
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 10/26/2009 to 10/31/2016
Analysis Date: 03/07/2017

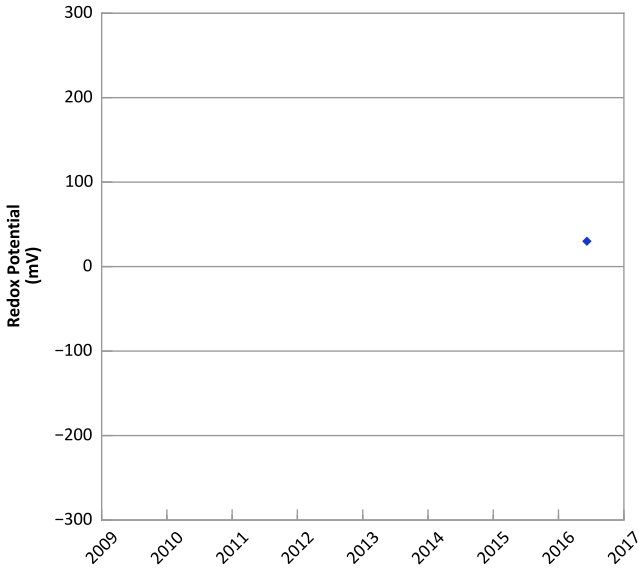
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

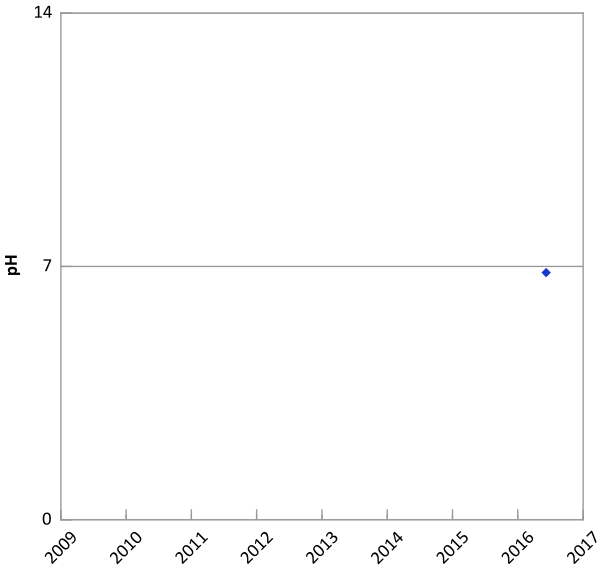
Well Location

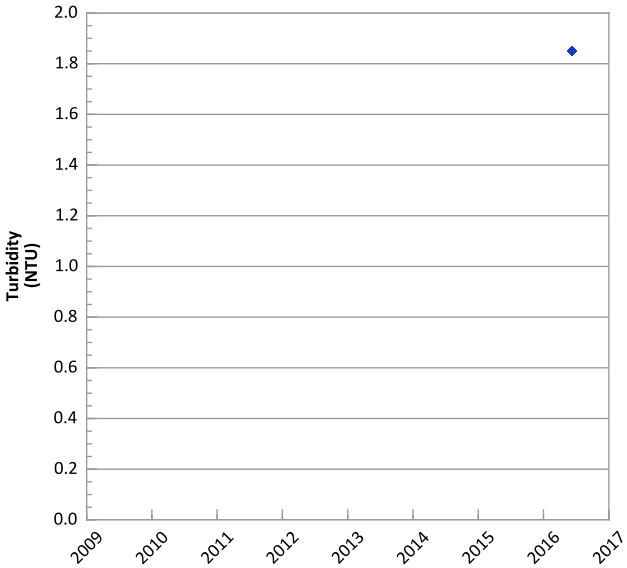


PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



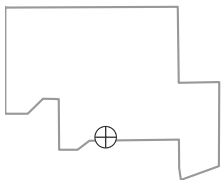






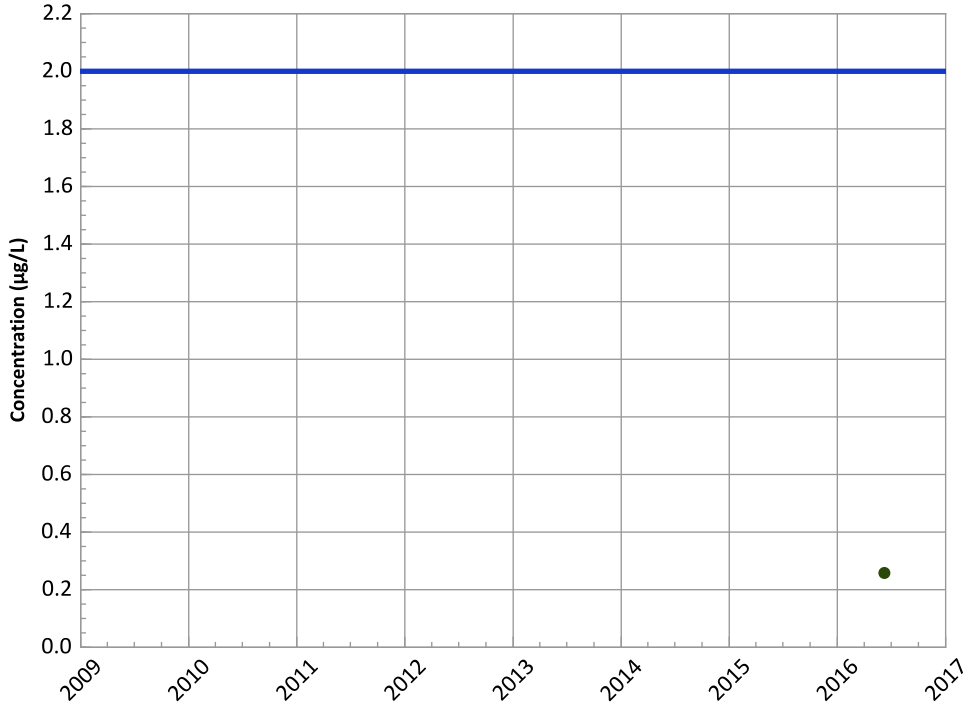
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

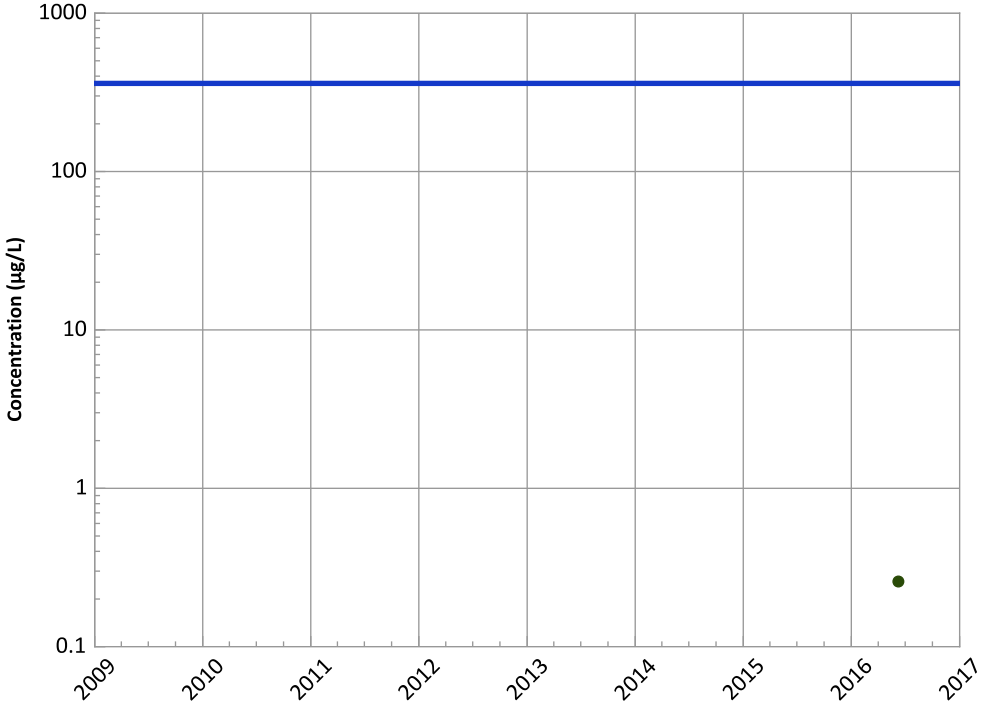


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

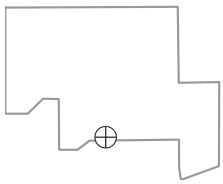


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Well Location

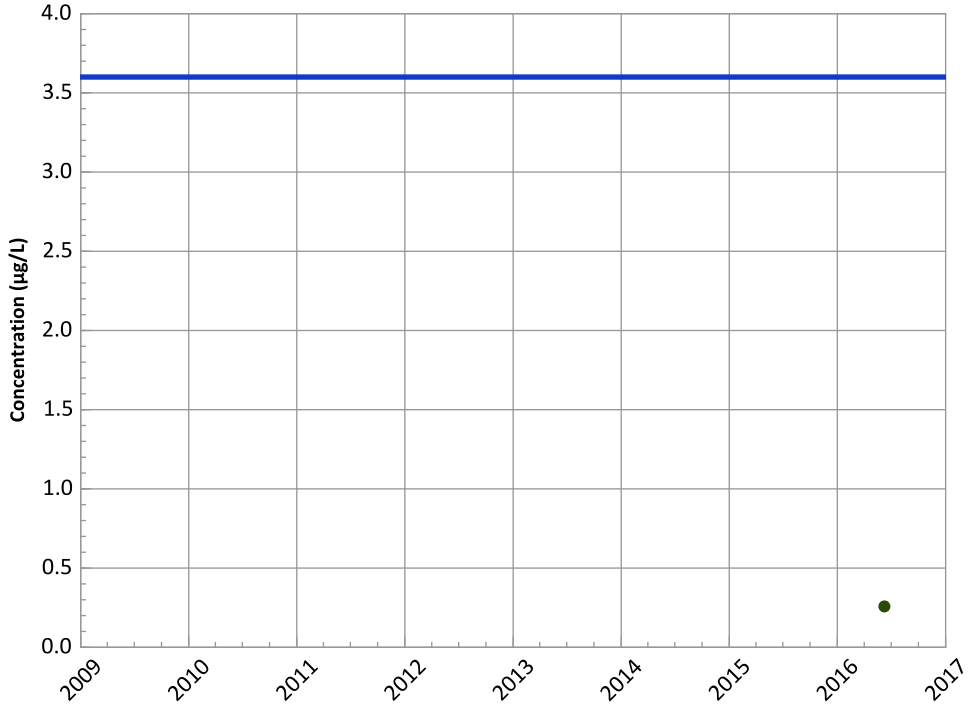


Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

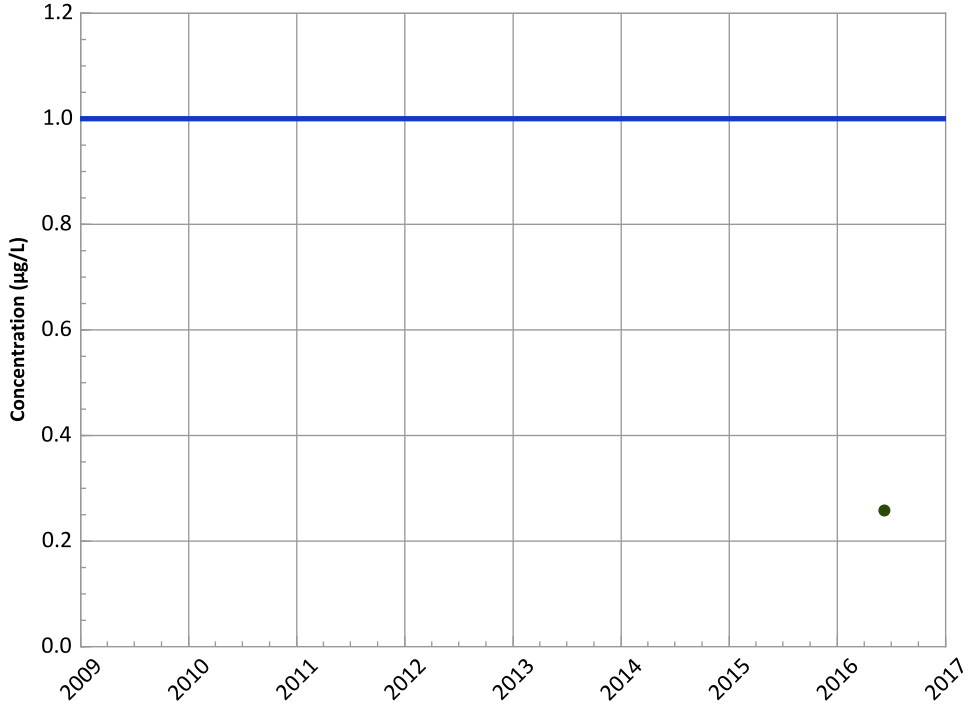


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

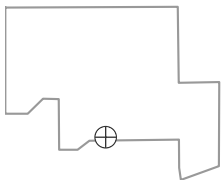
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

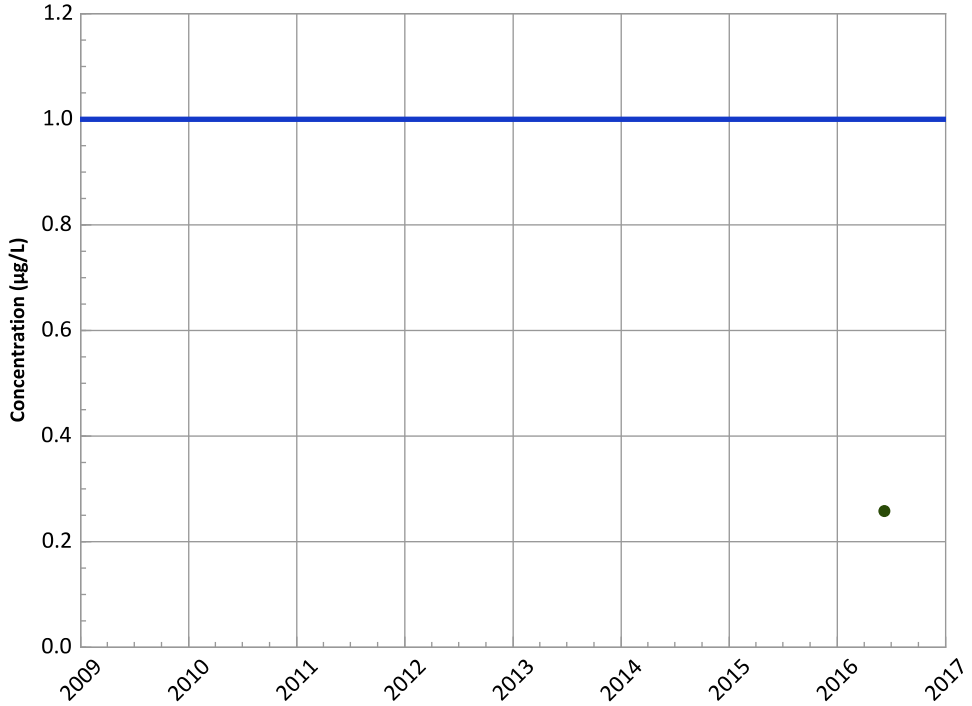
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

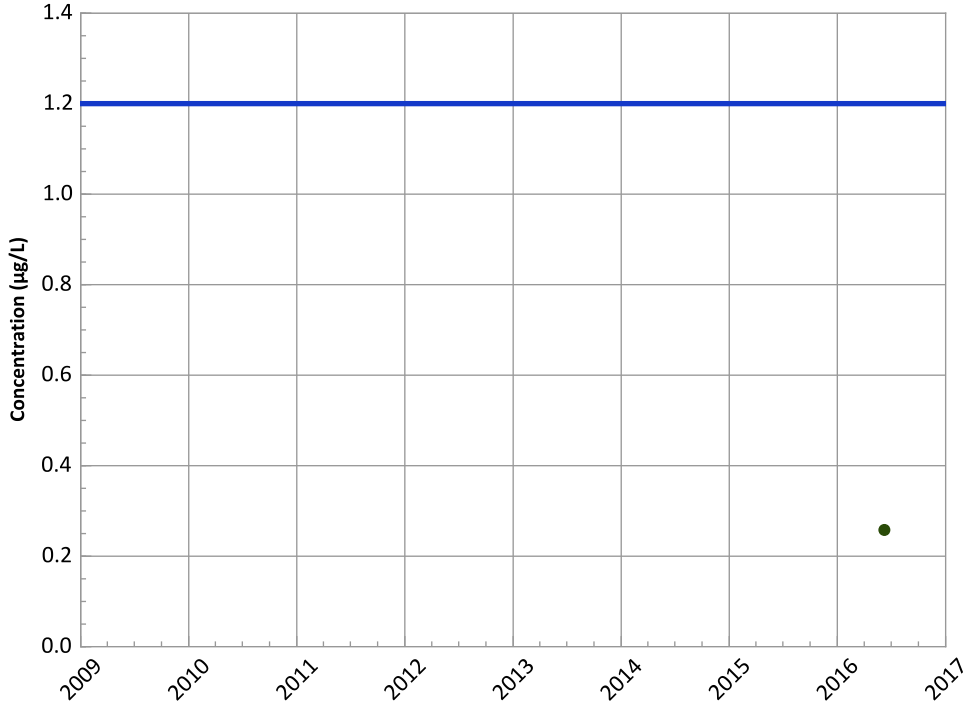


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

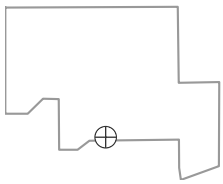
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

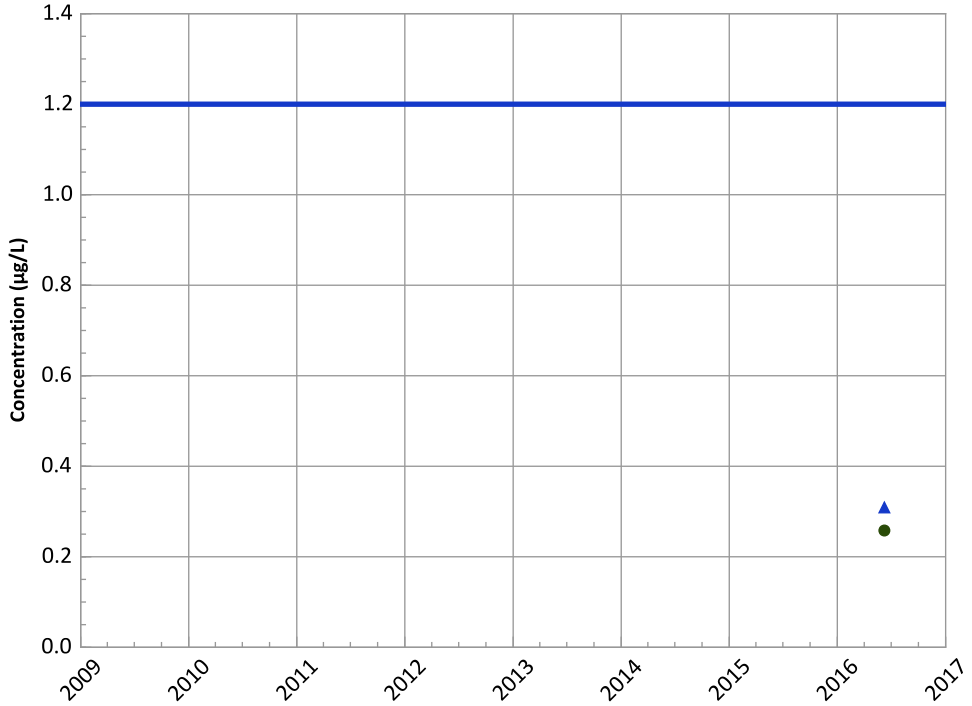
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

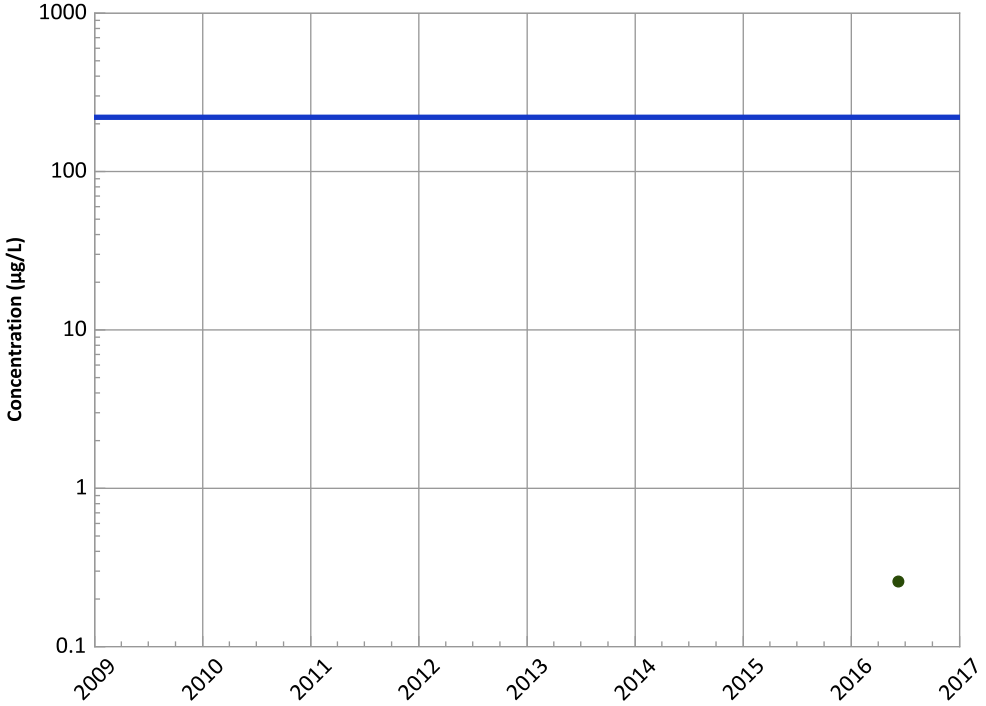


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

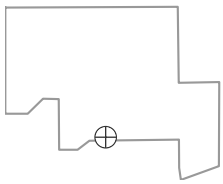
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

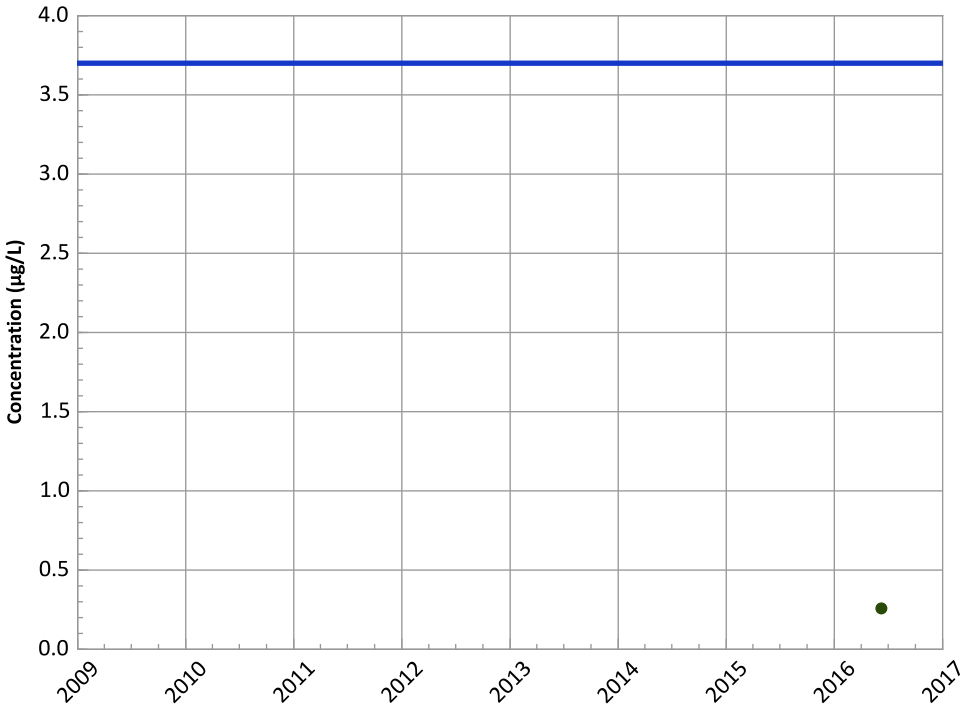
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

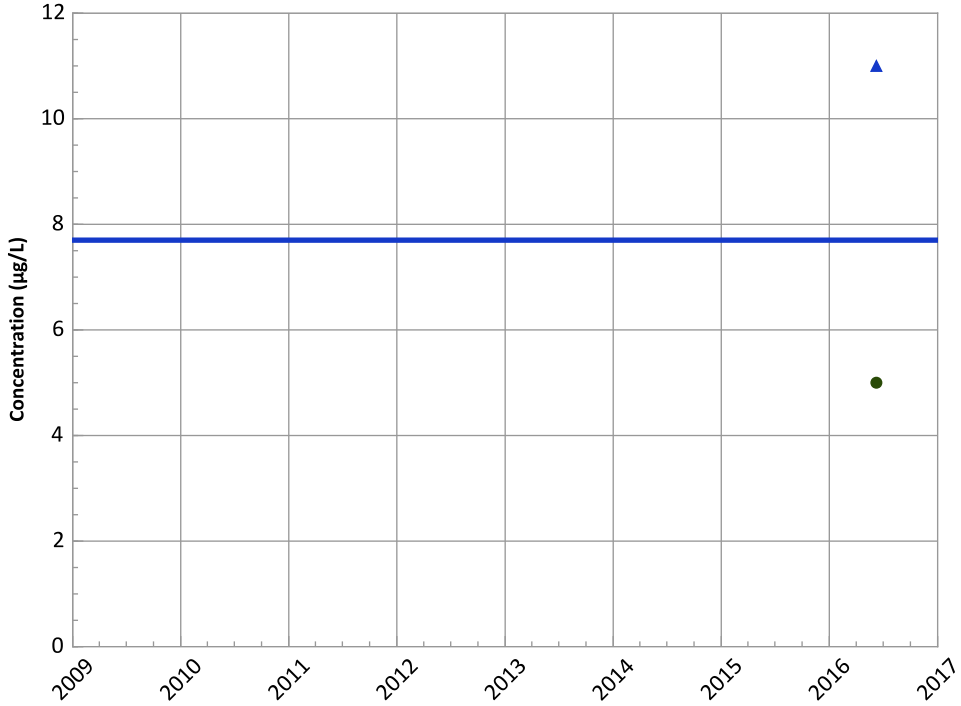


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

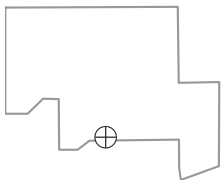
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

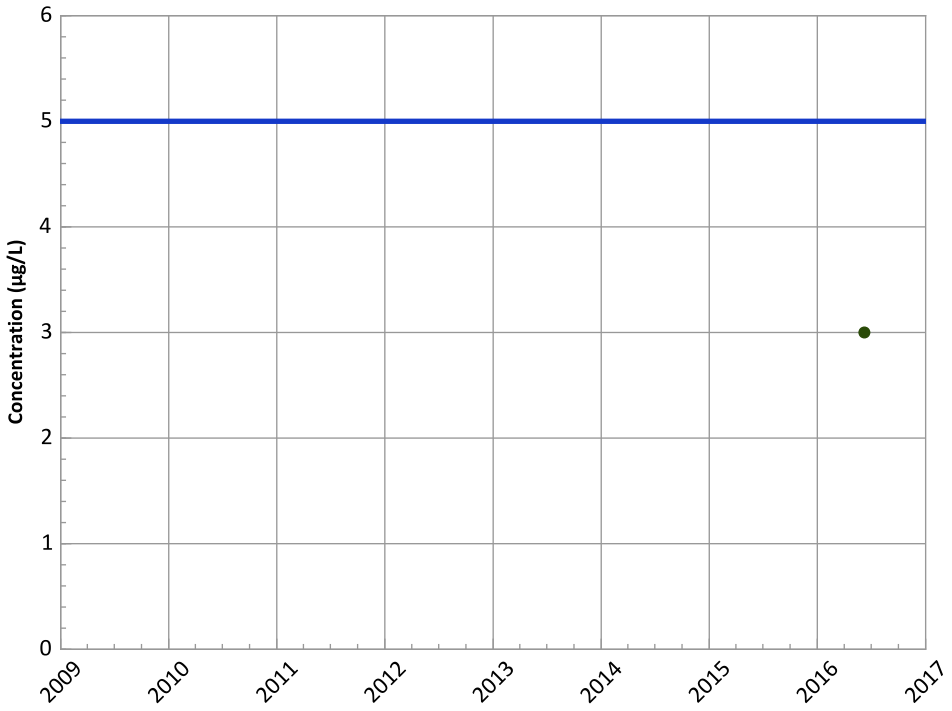
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

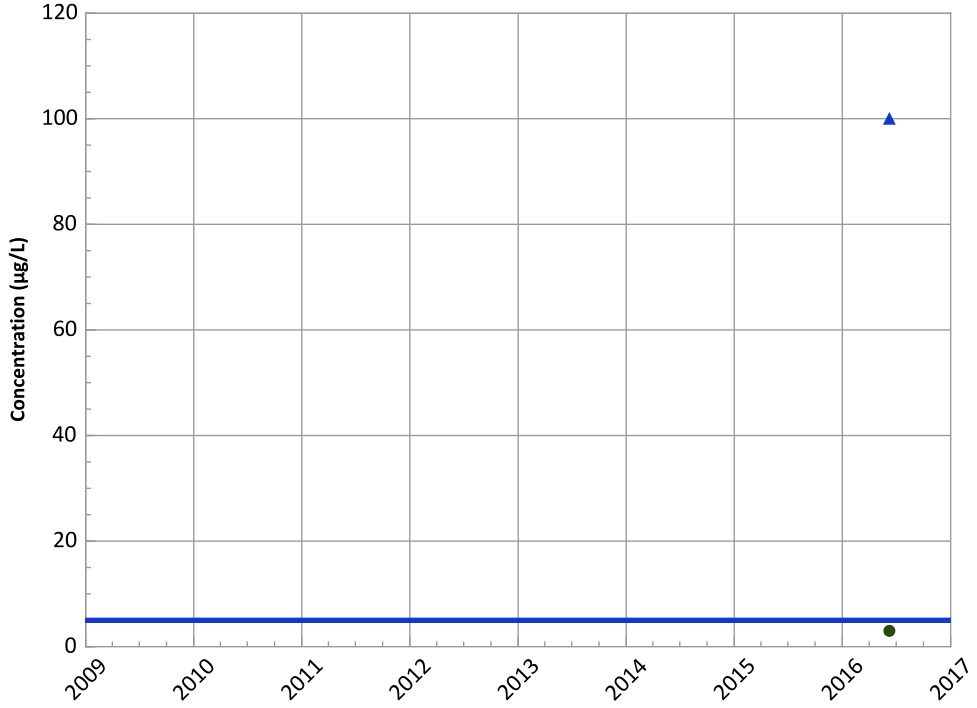


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

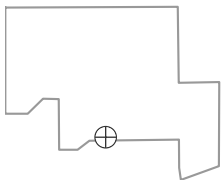
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

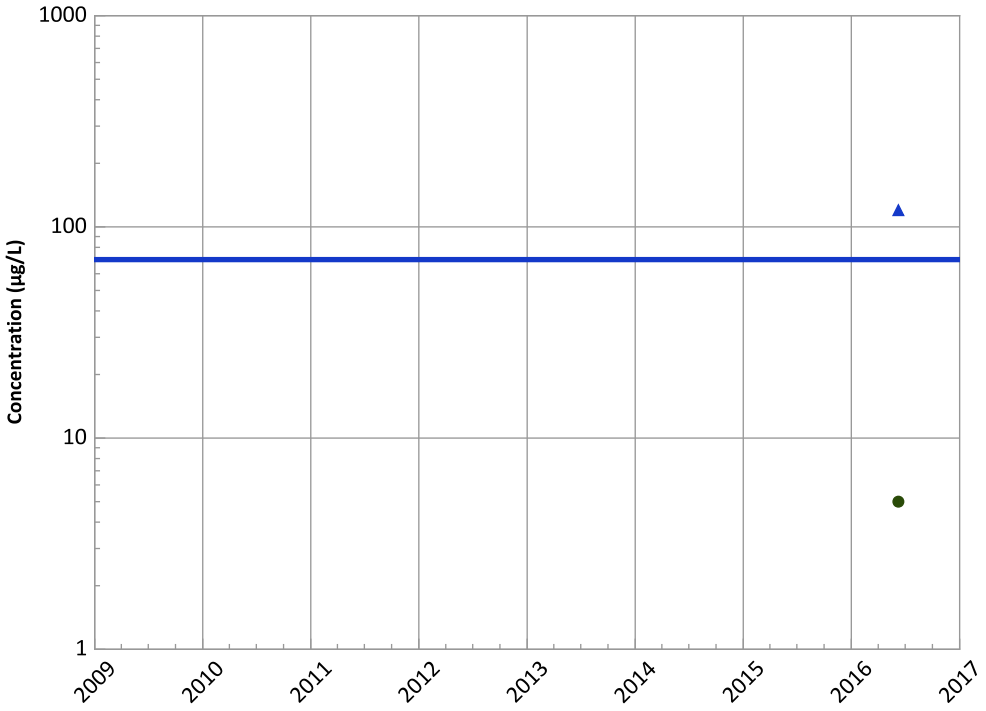
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

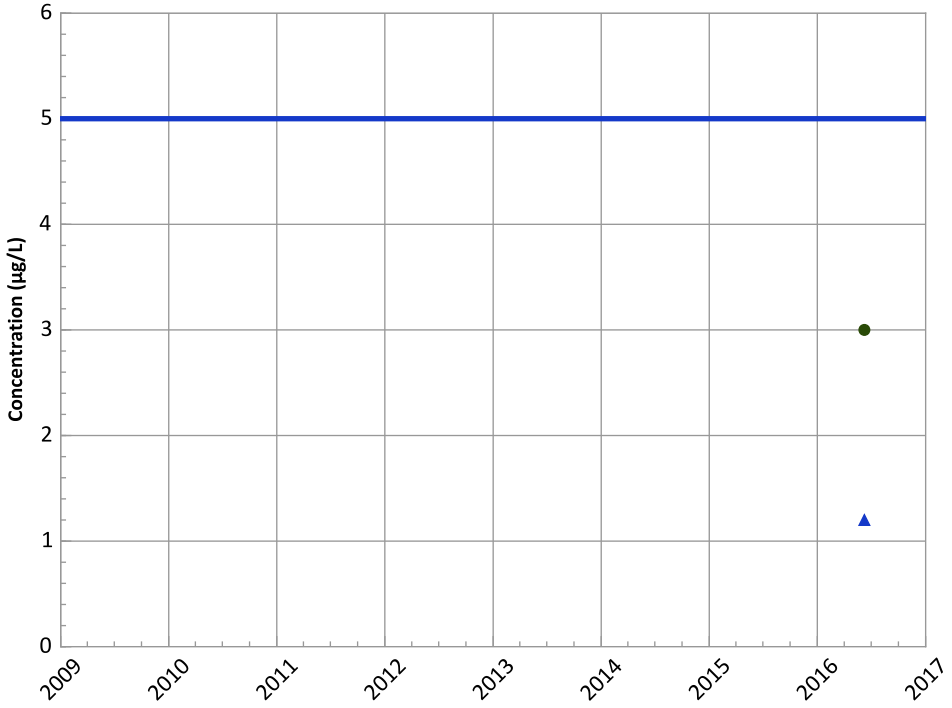


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

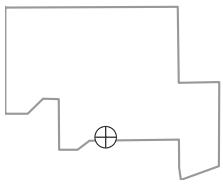
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

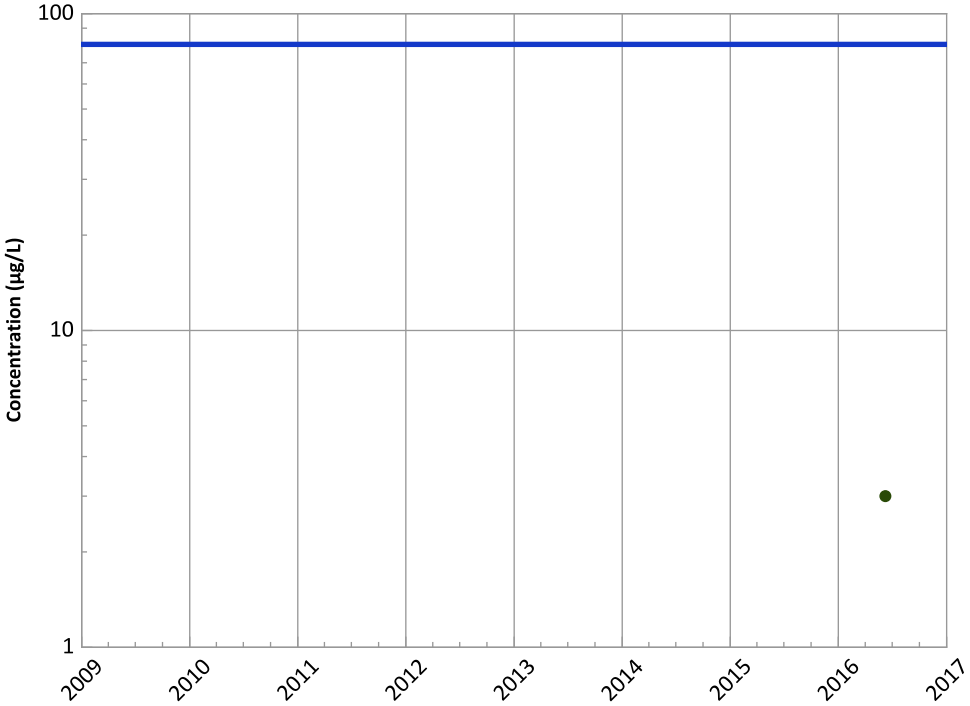
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

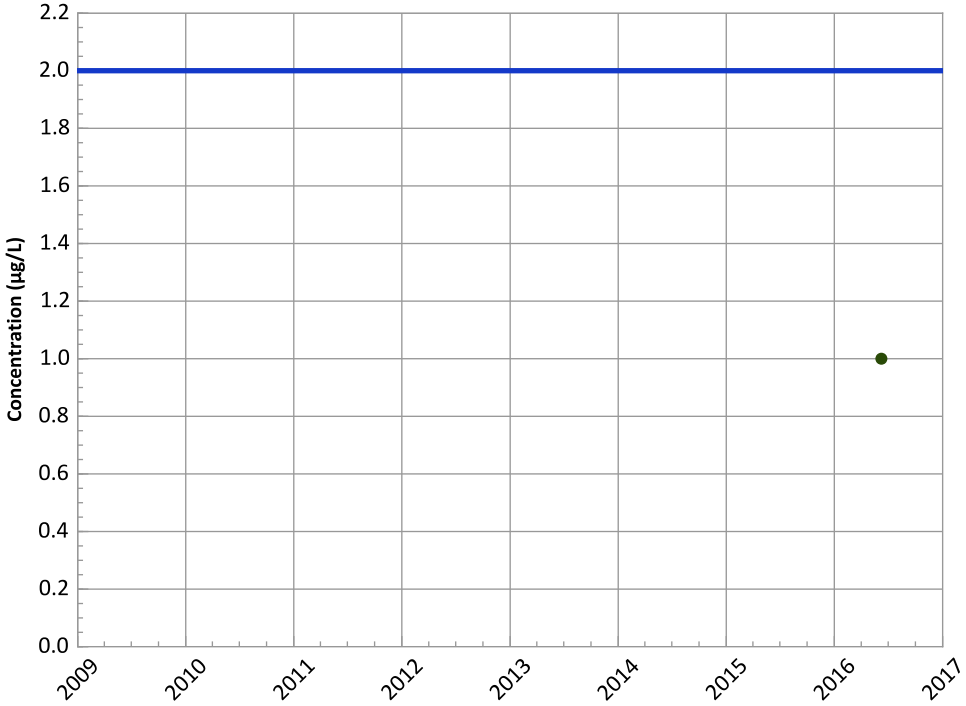


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

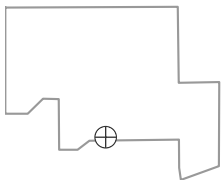
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

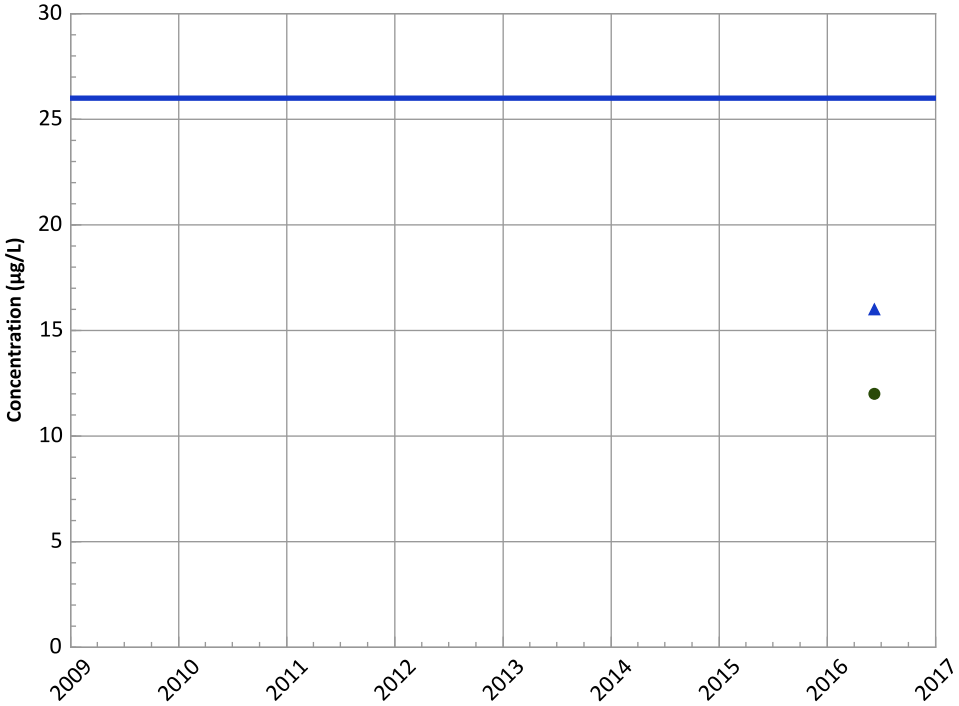
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

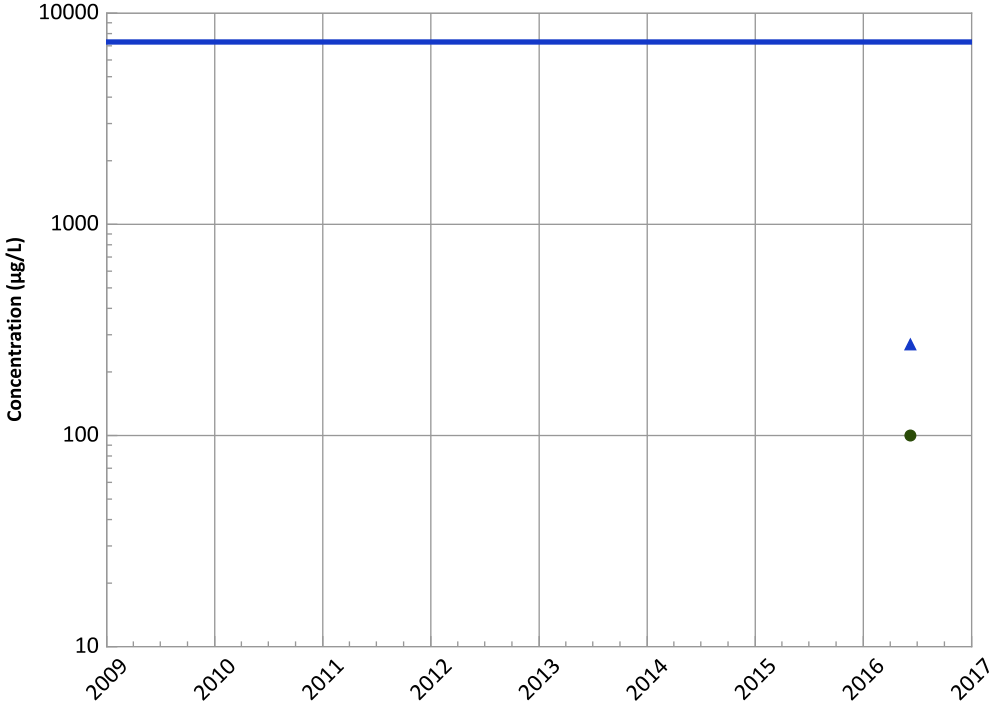


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Boron Trend



Concentration Trend

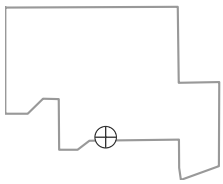
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

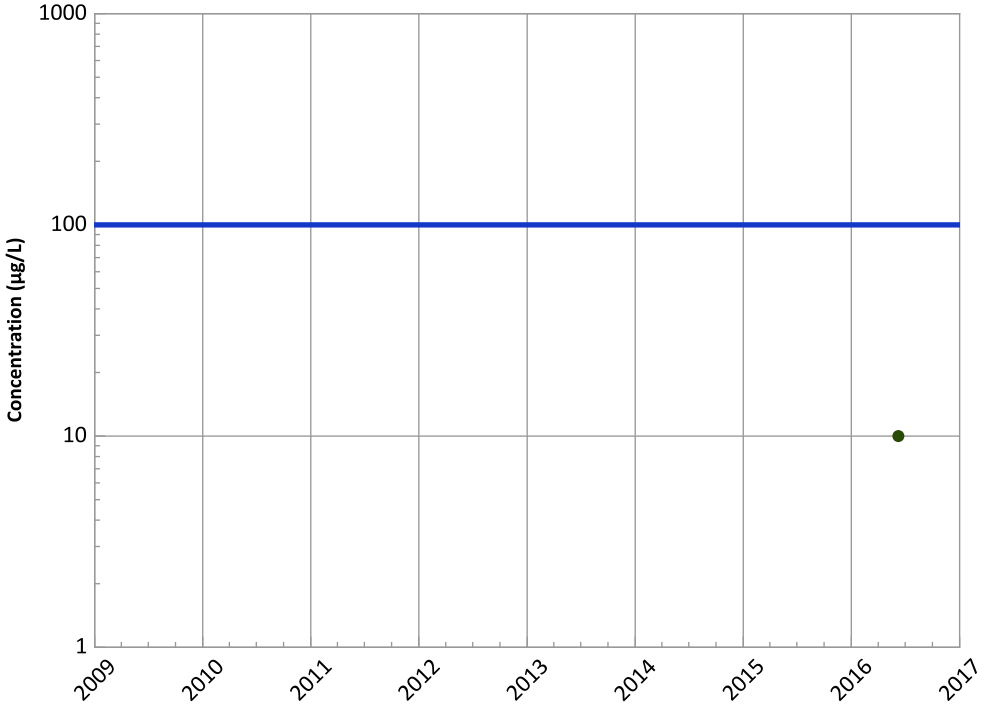
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

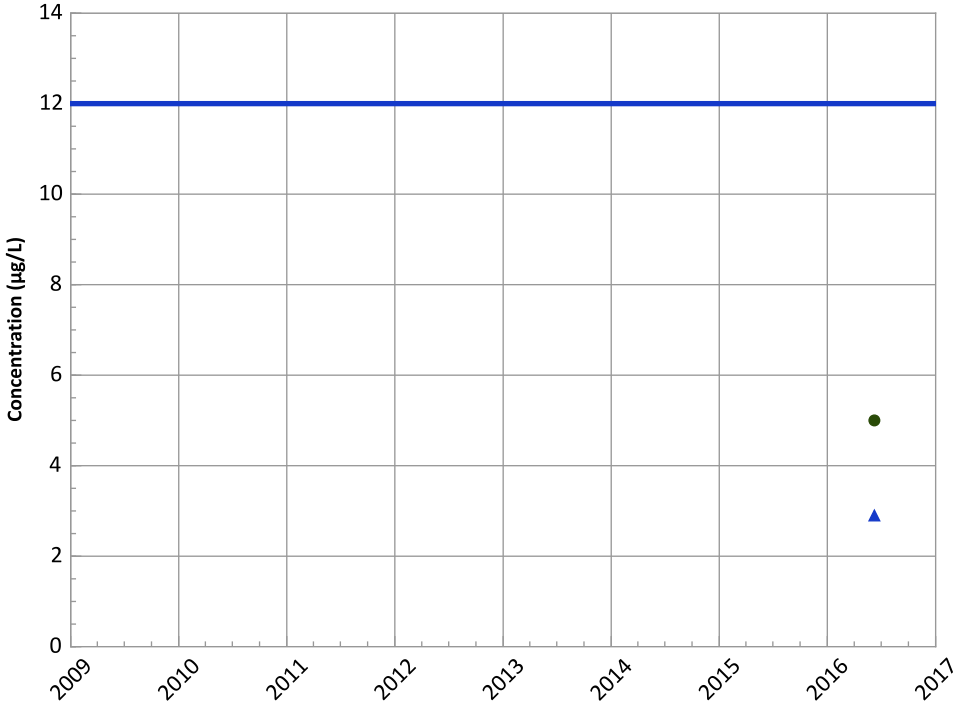


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Arsenic Trend



Concentration Trend

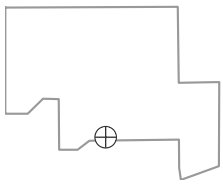
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

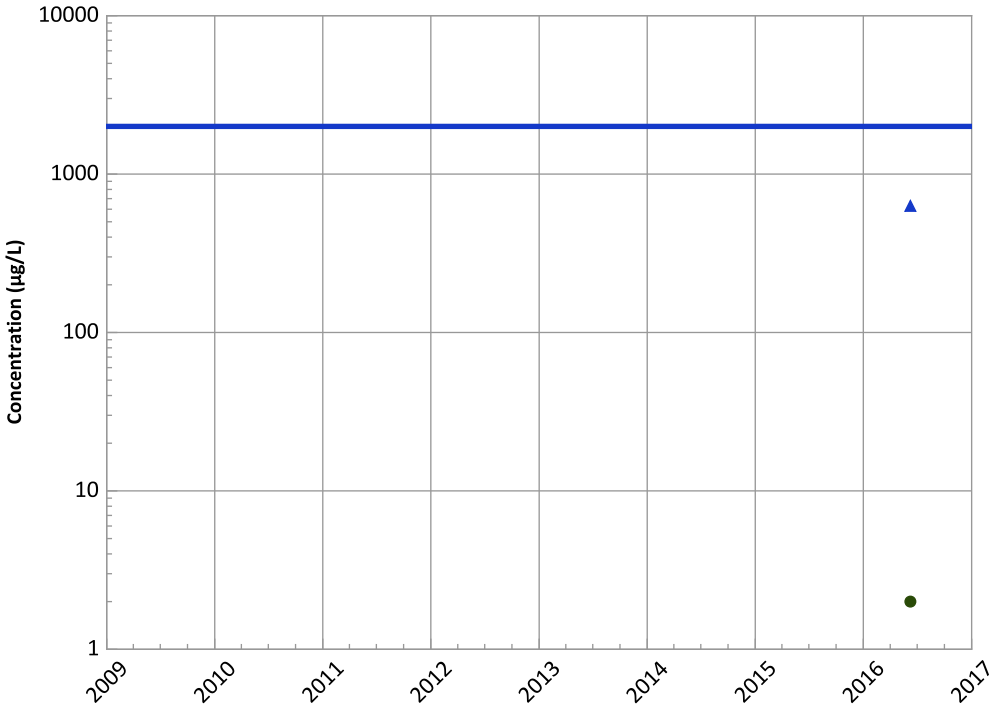
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

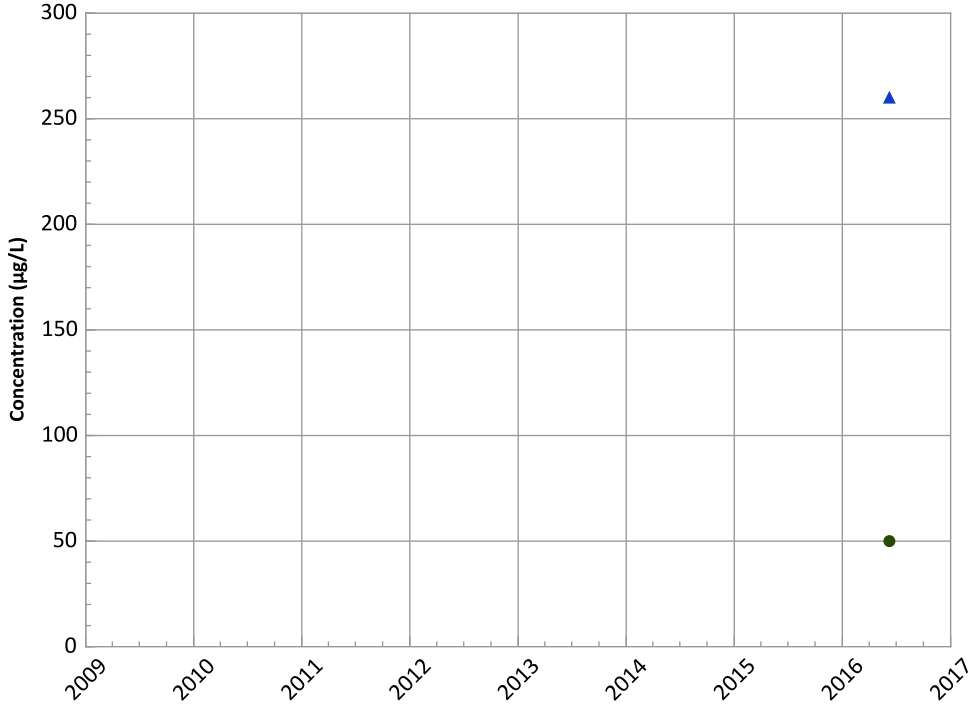


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

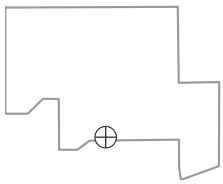
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

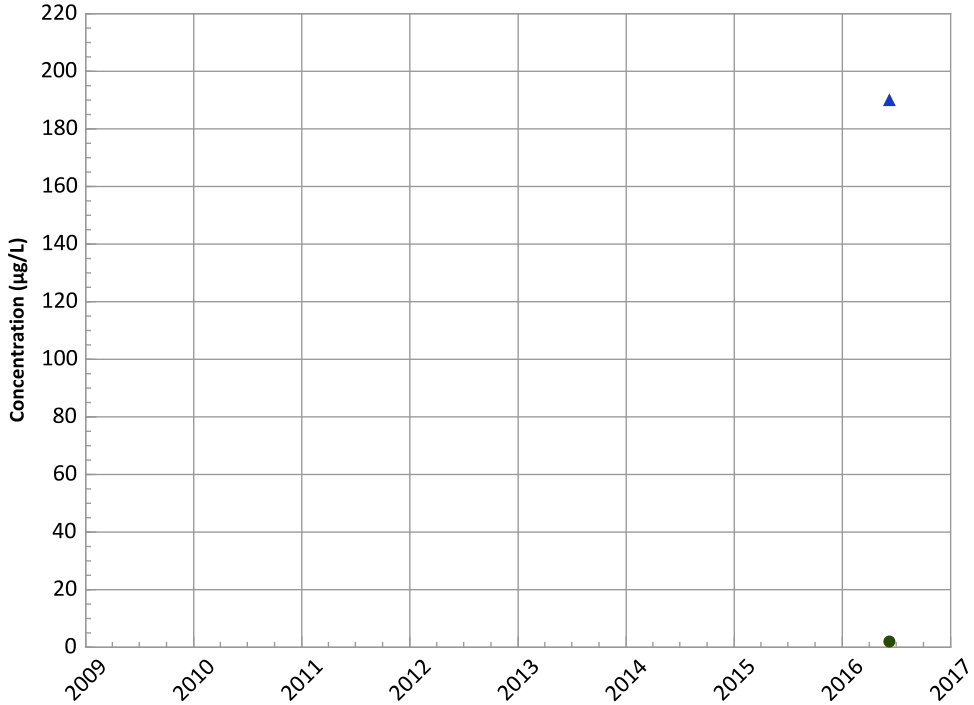
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

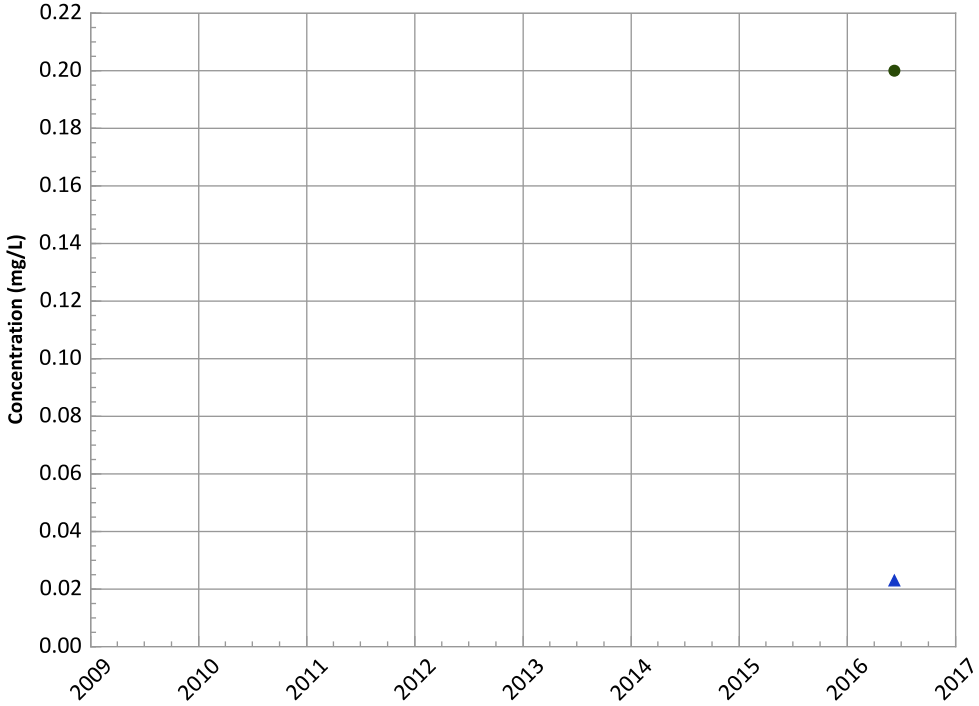


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Total Volatile Fatty Acids Trend



Concentration Trend

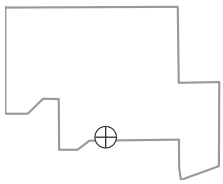
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

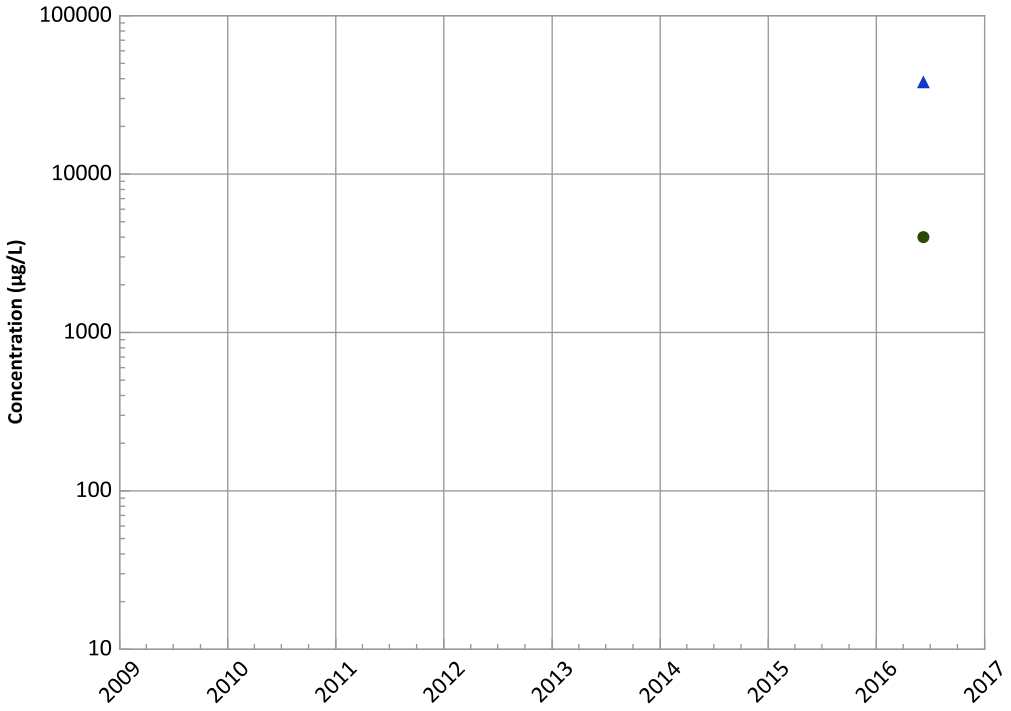
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloride (as Cl) Trend

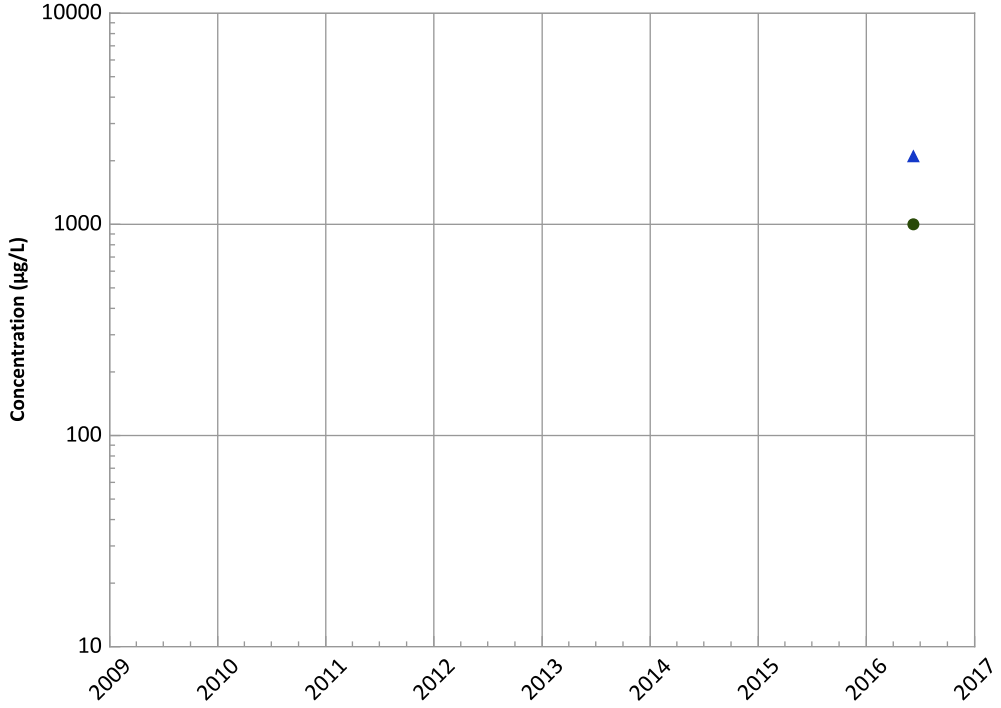


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Total Organic Carbon Trend



Concentration Trend

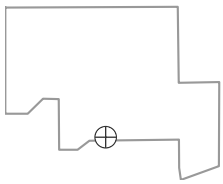
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

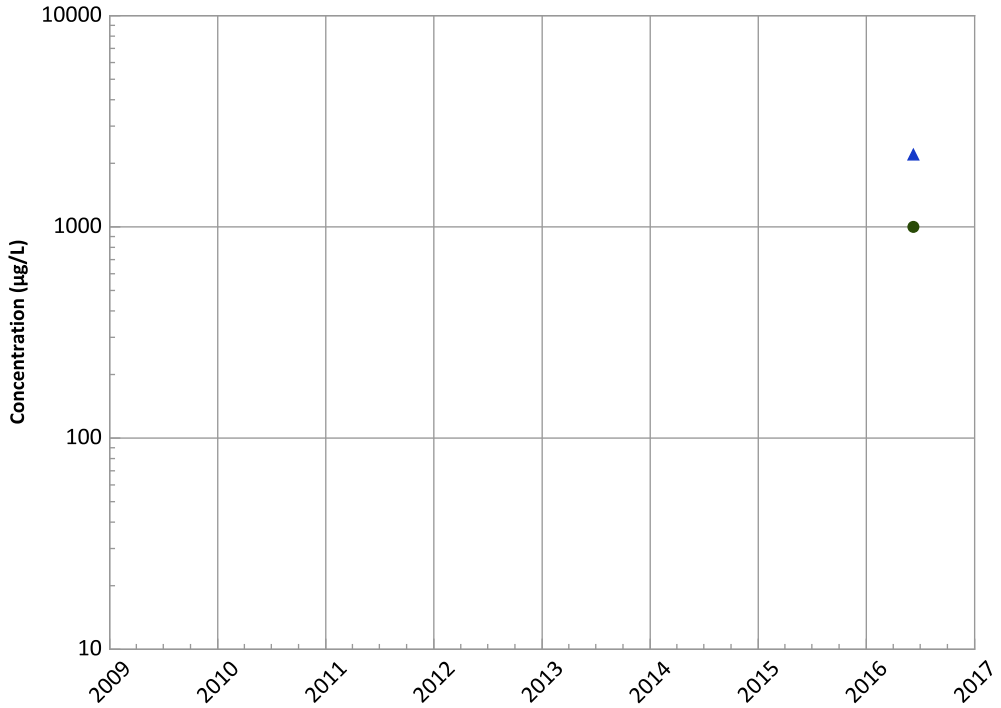
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend

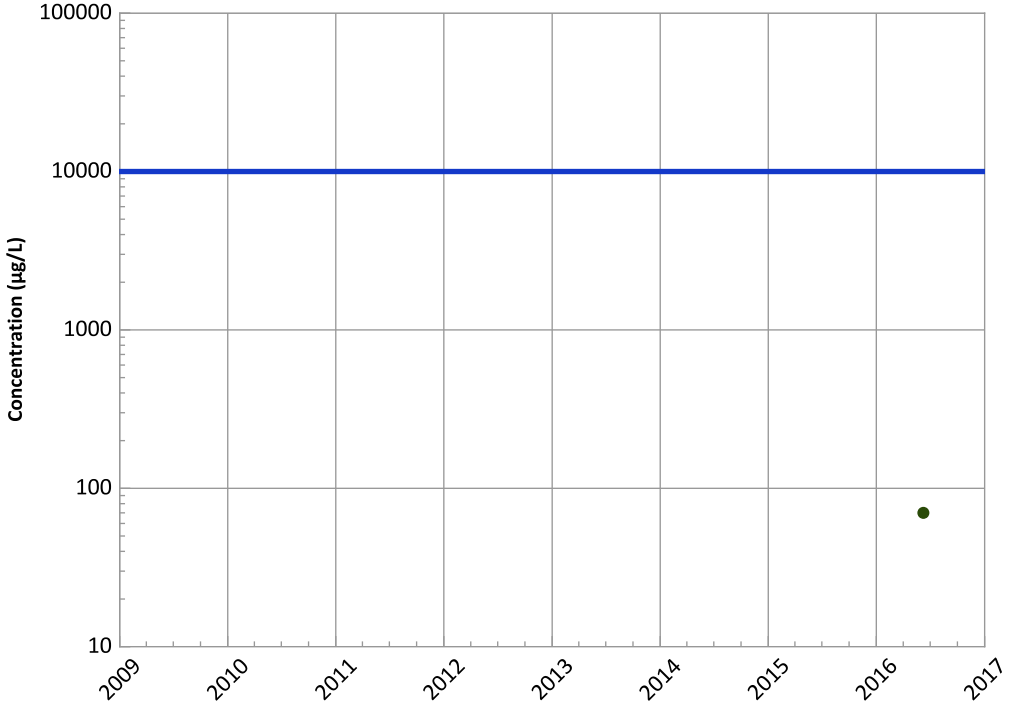


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Nitrate as N Trend



Concentration Trend

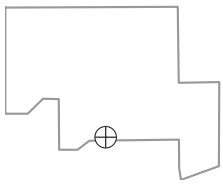
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

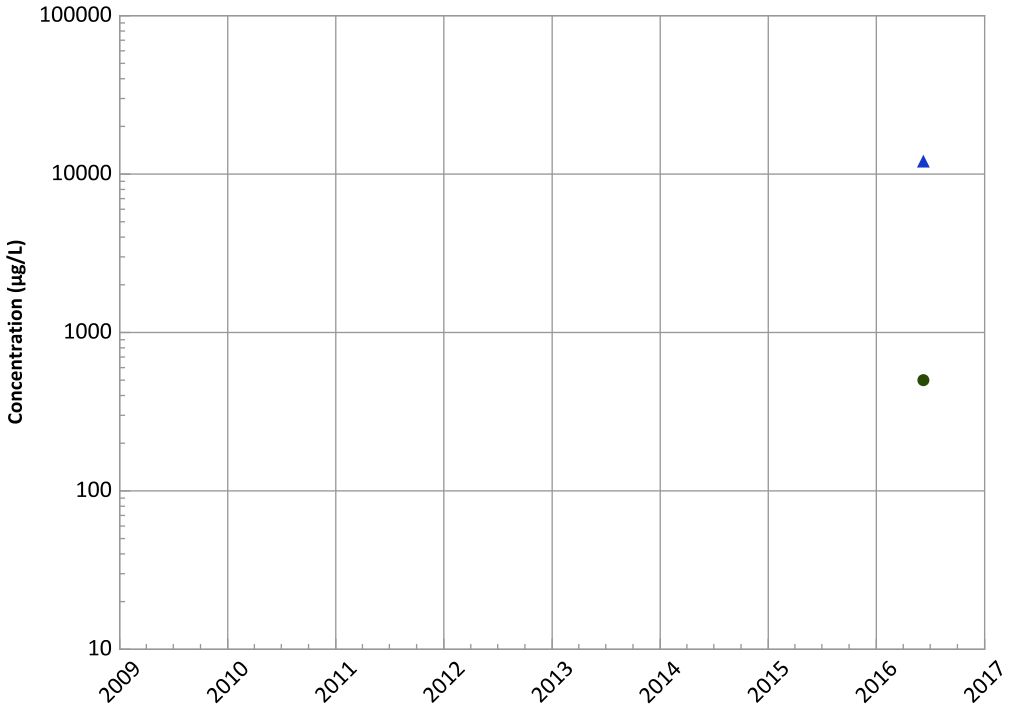
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend

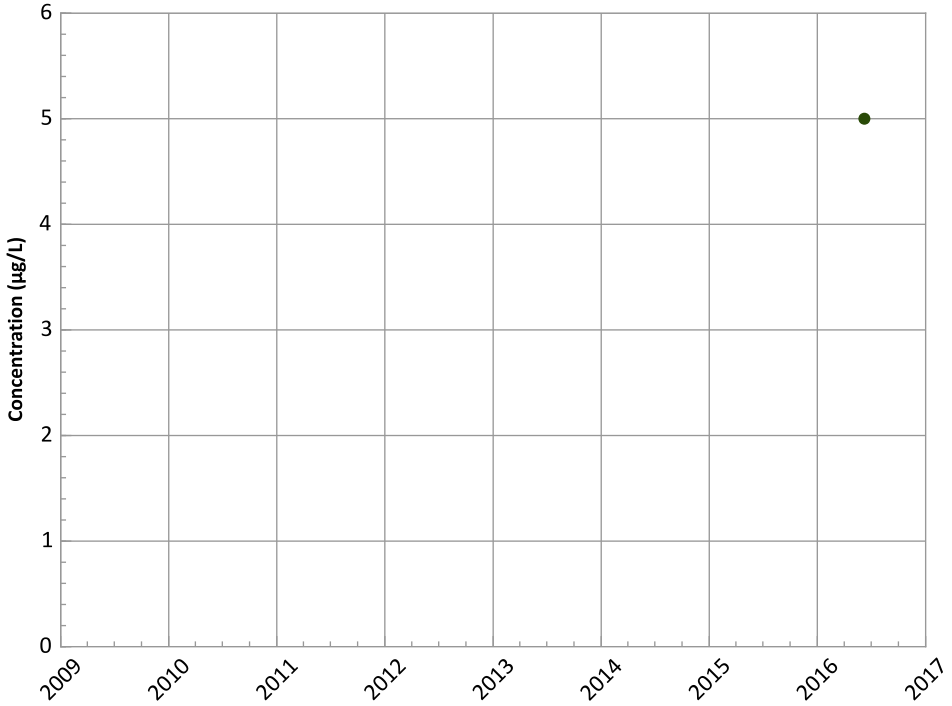


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Ethene (Ethylene) Trend



Concentration Trend

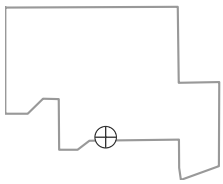
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

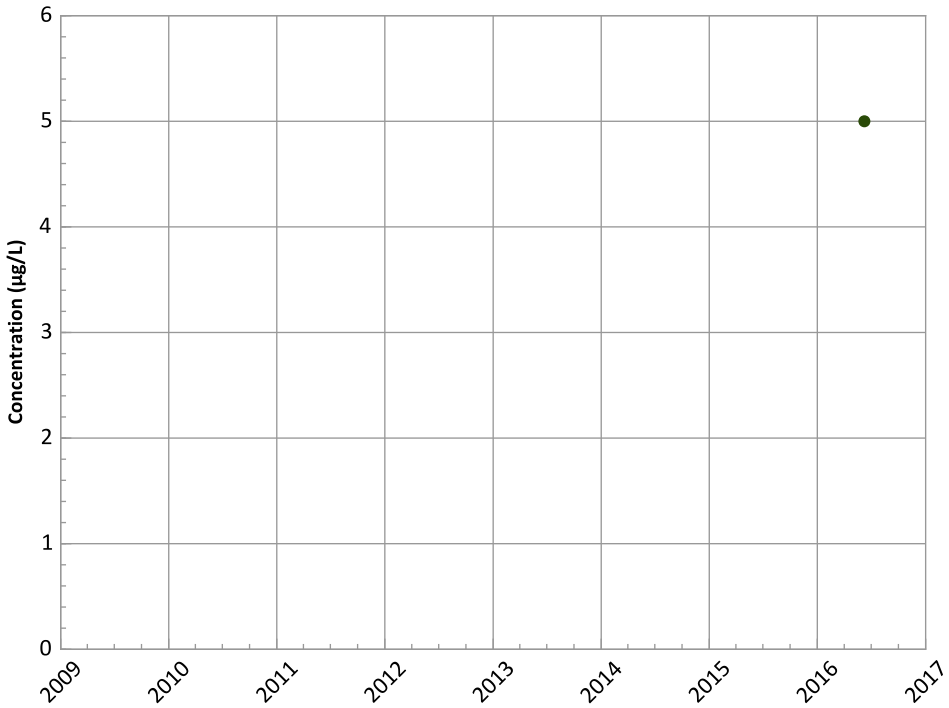
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethane Trend

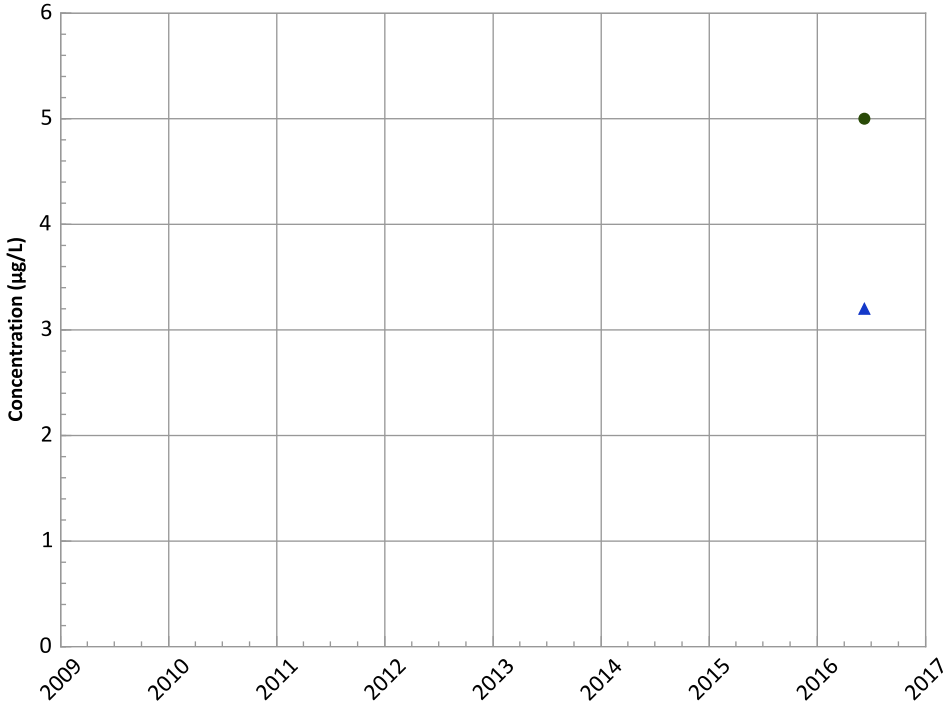


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Methane Trend



Concentration Trend

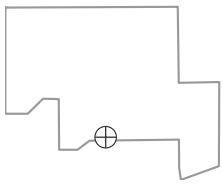
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

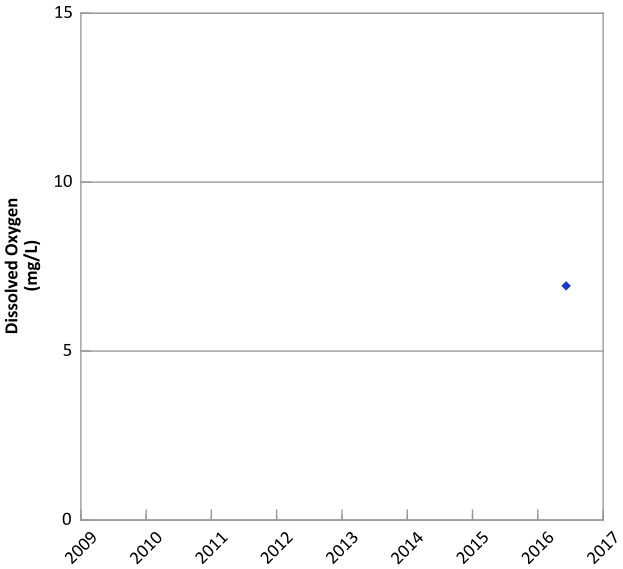
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

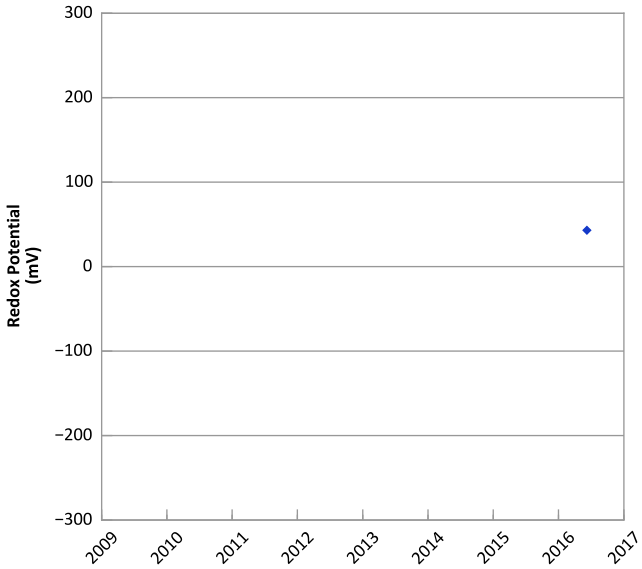
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

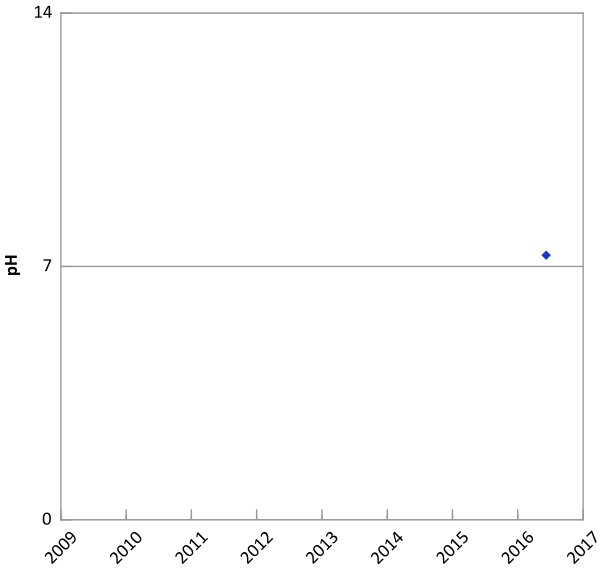
Well Location

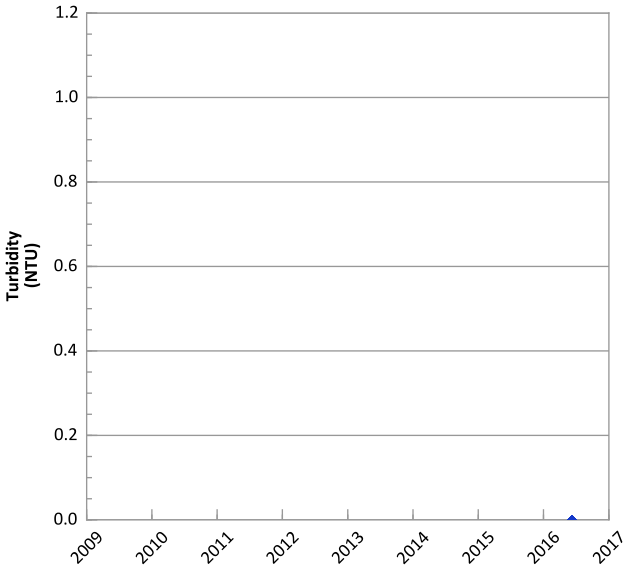


PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



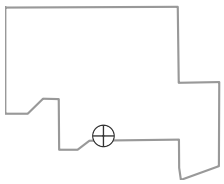






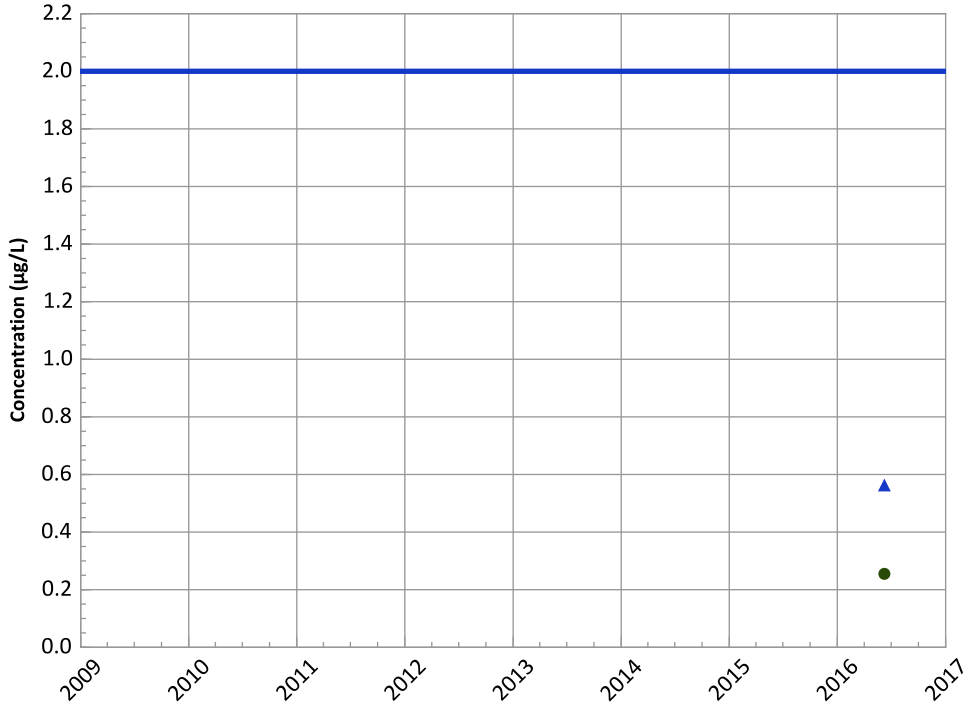
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

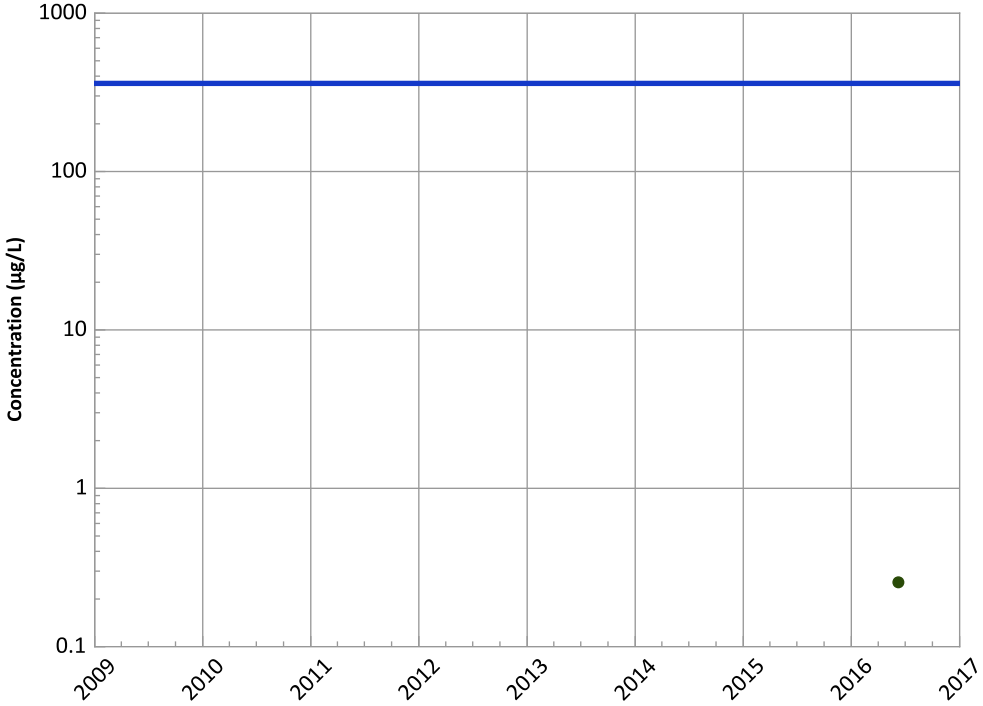


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

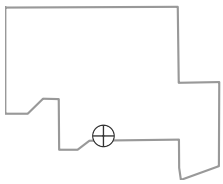


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Well Location

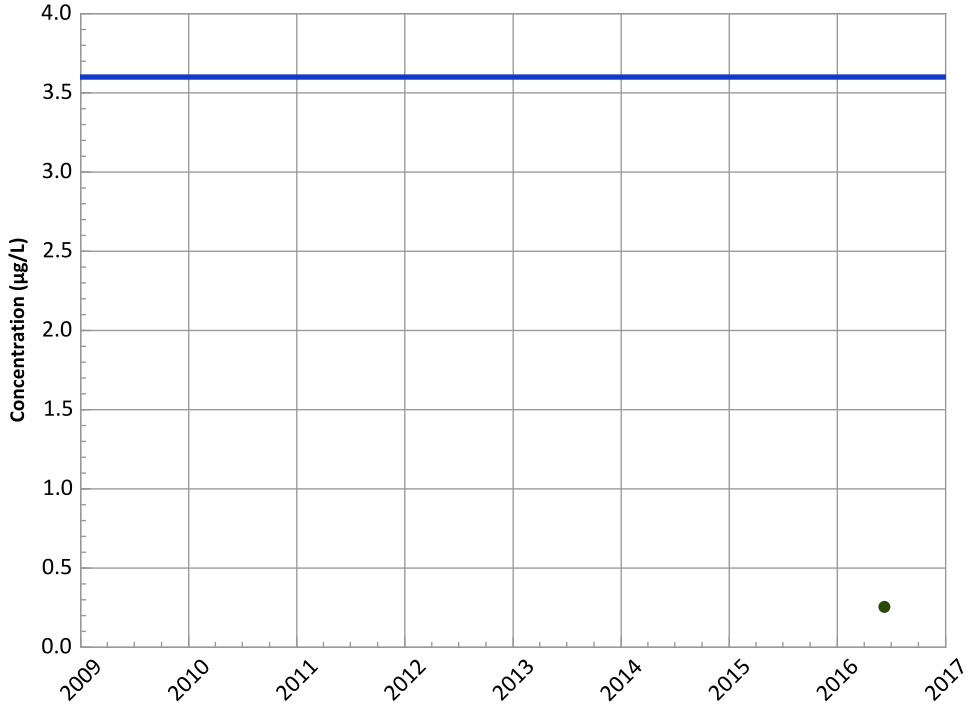


Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

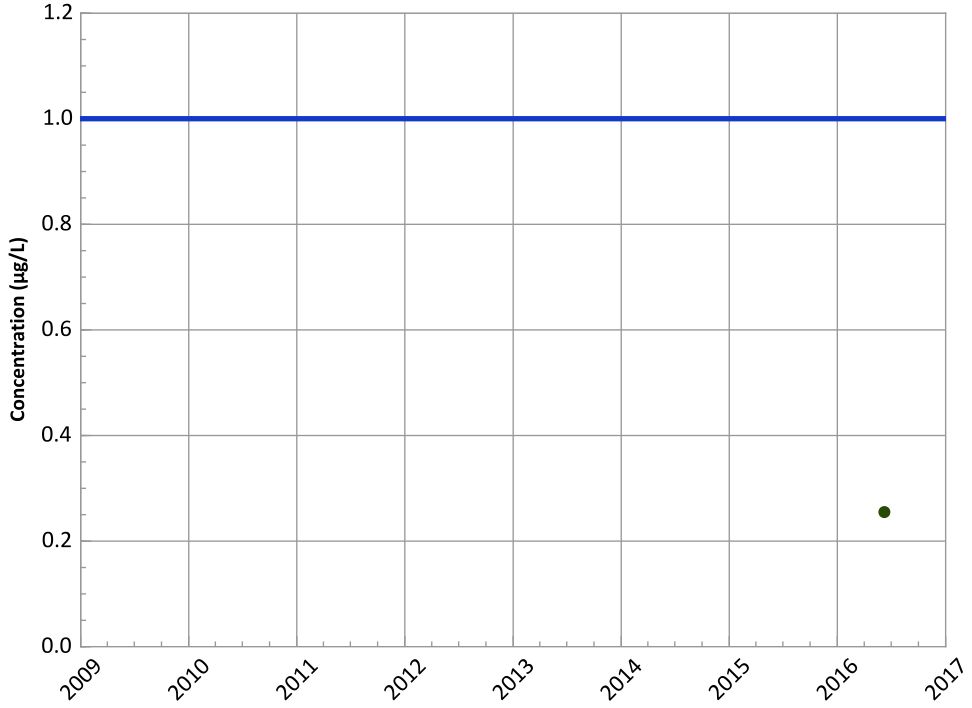


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

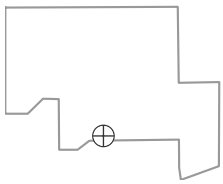
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

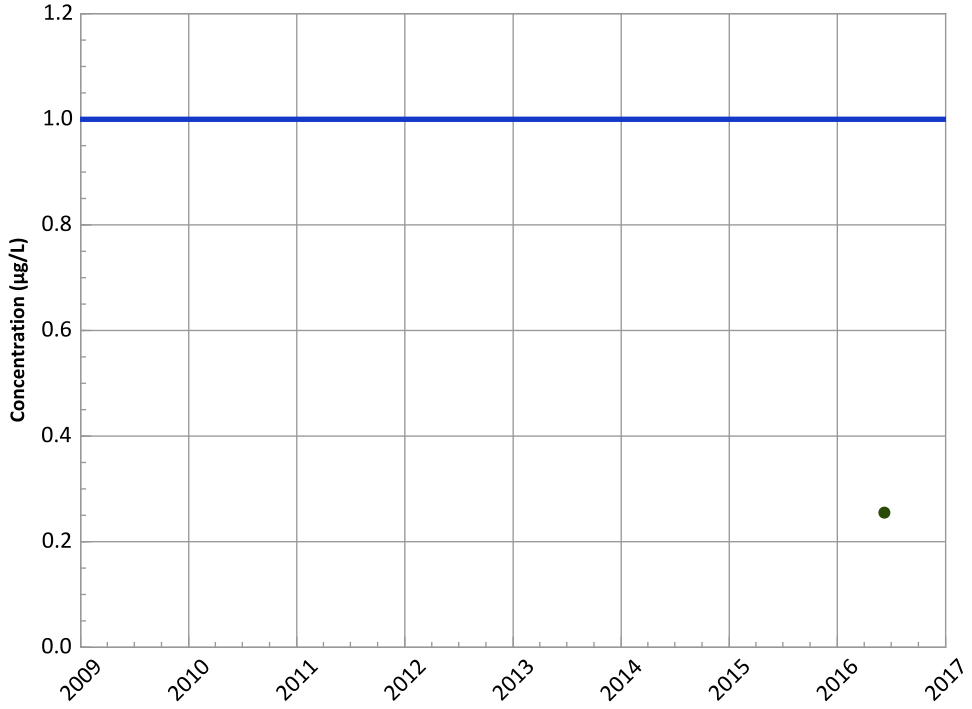
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

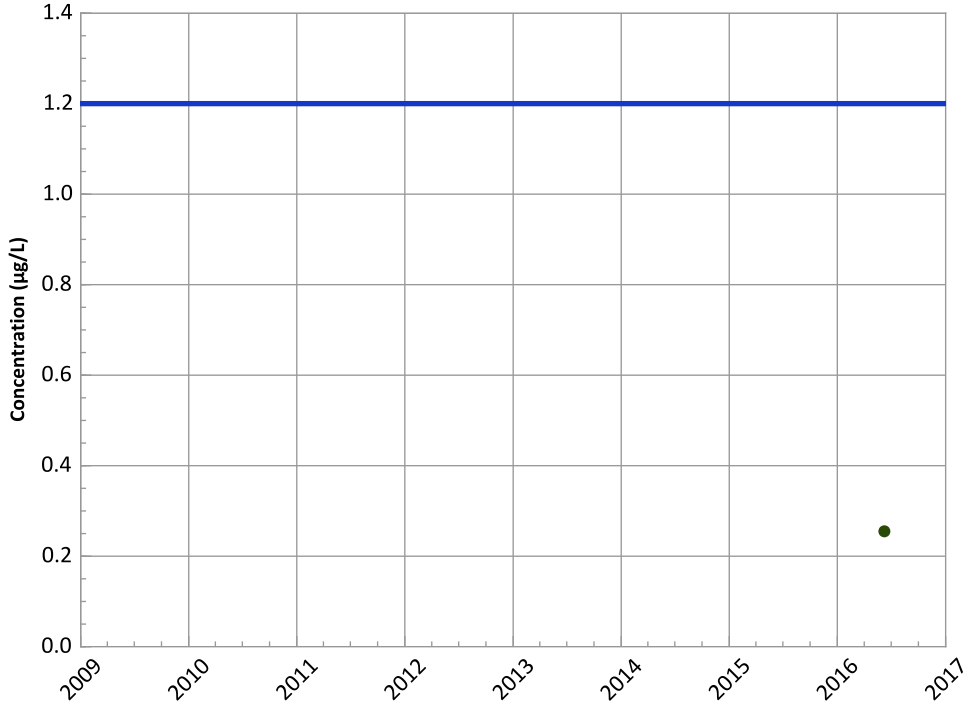


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

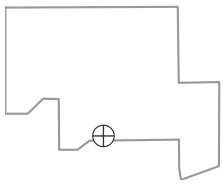


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Well Location

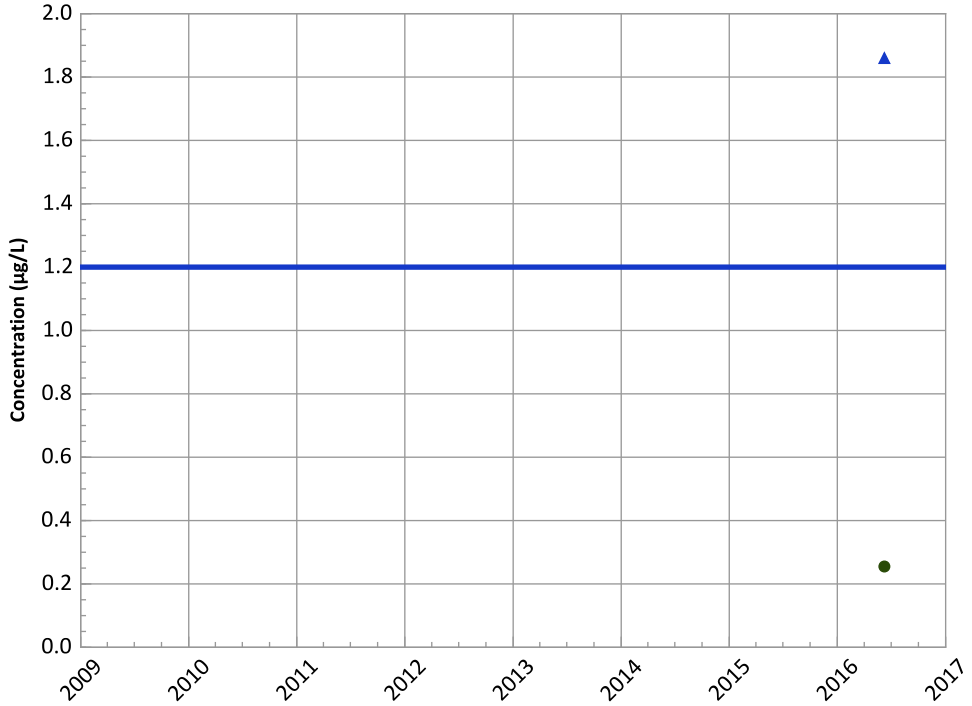


Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

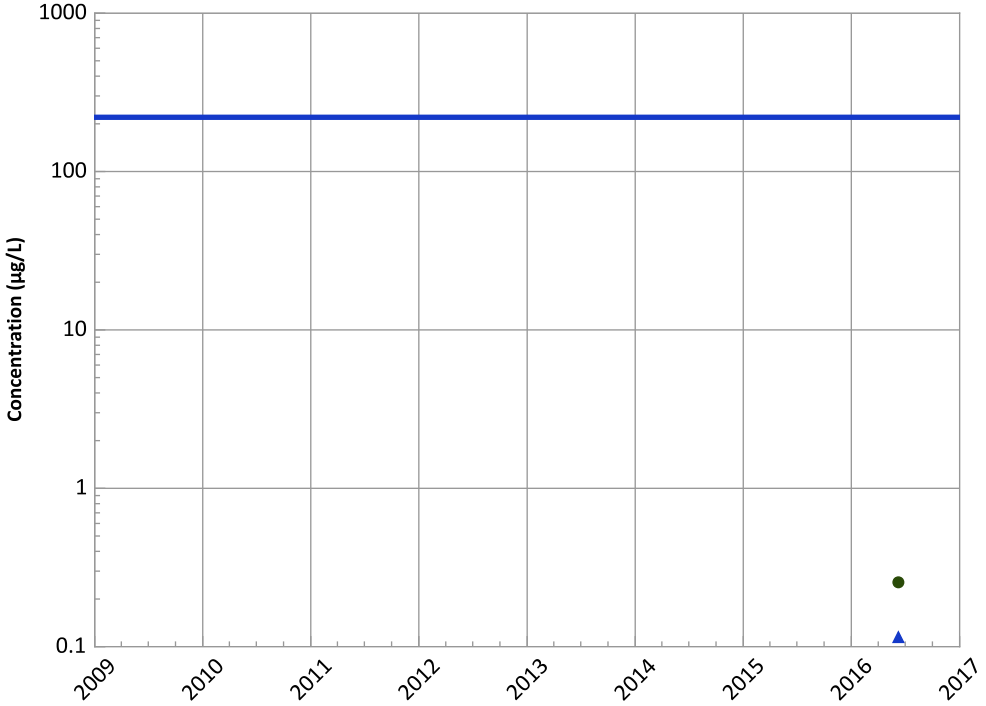


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

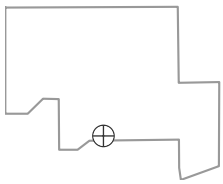
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

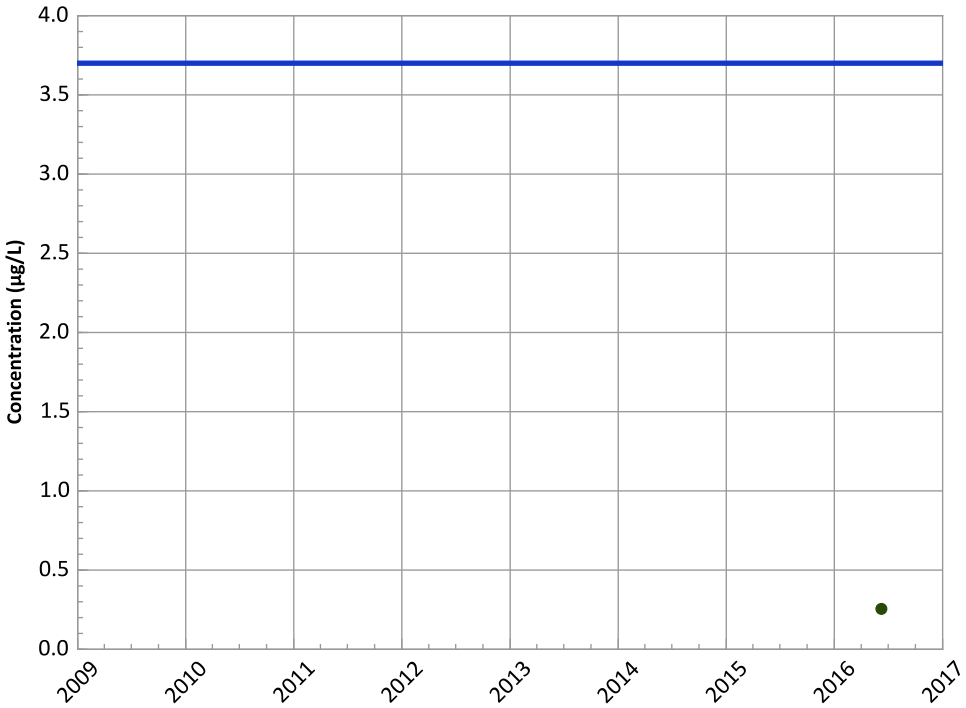
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

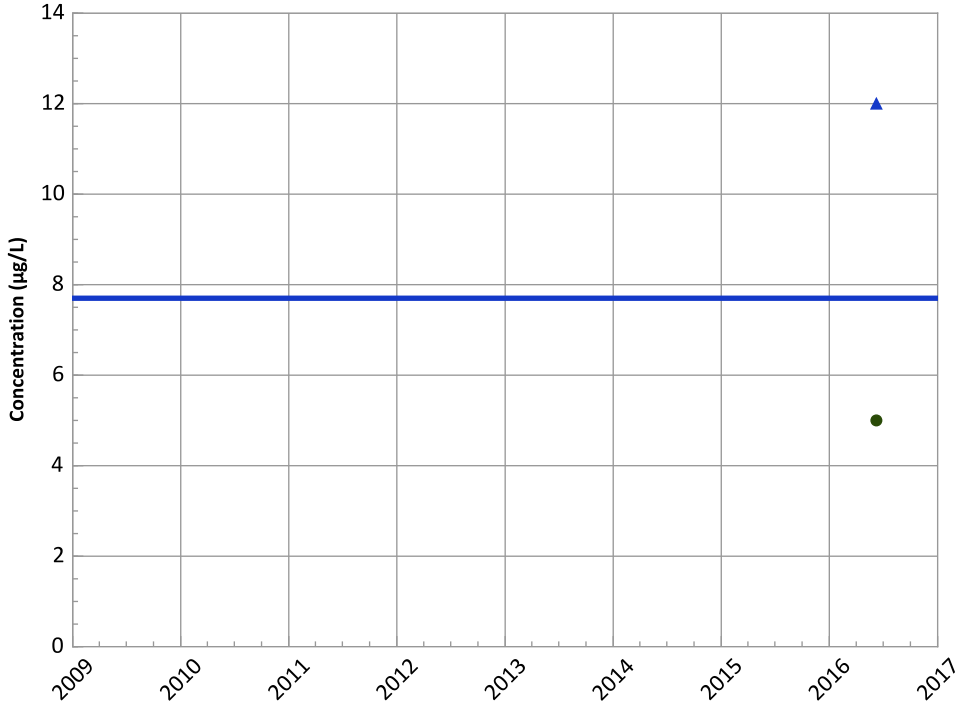


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

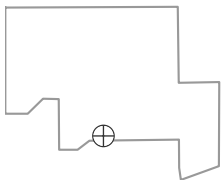
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

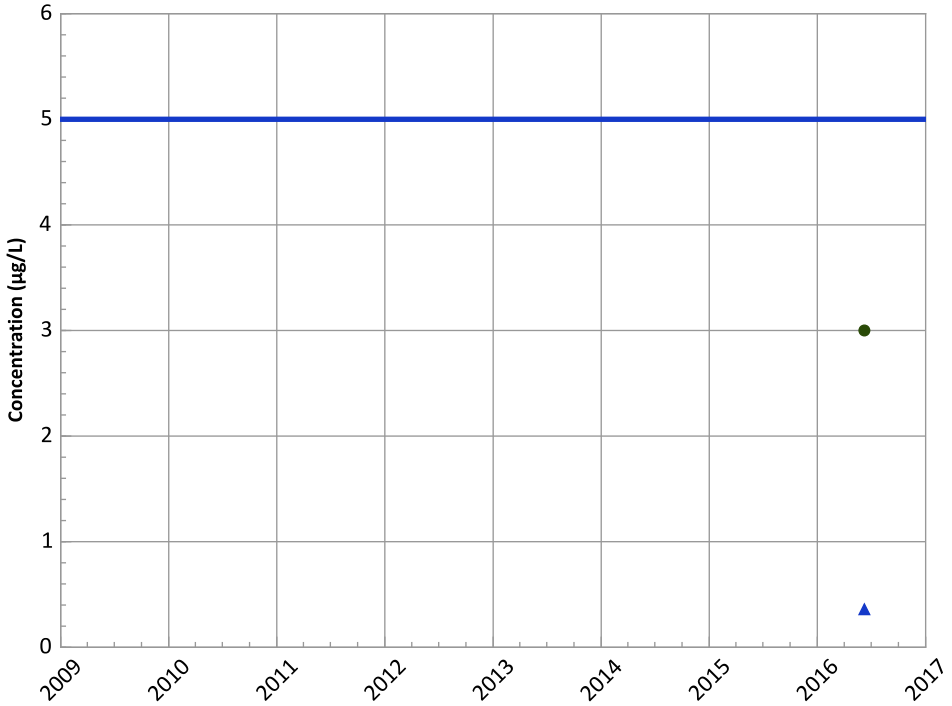
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

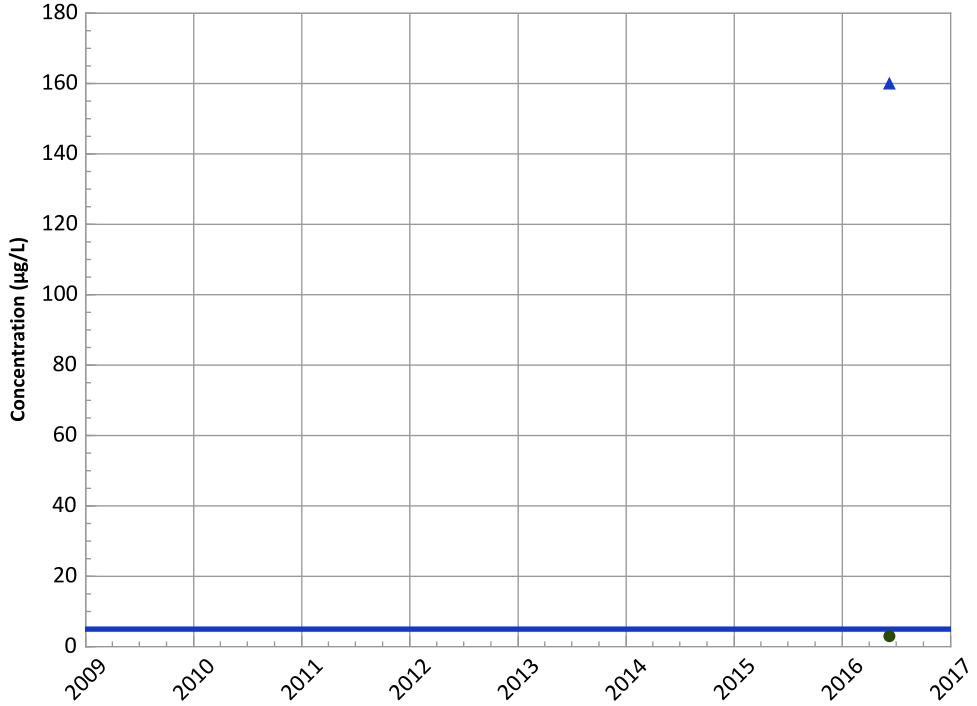


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

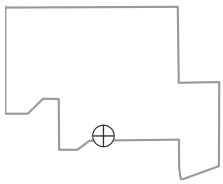
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

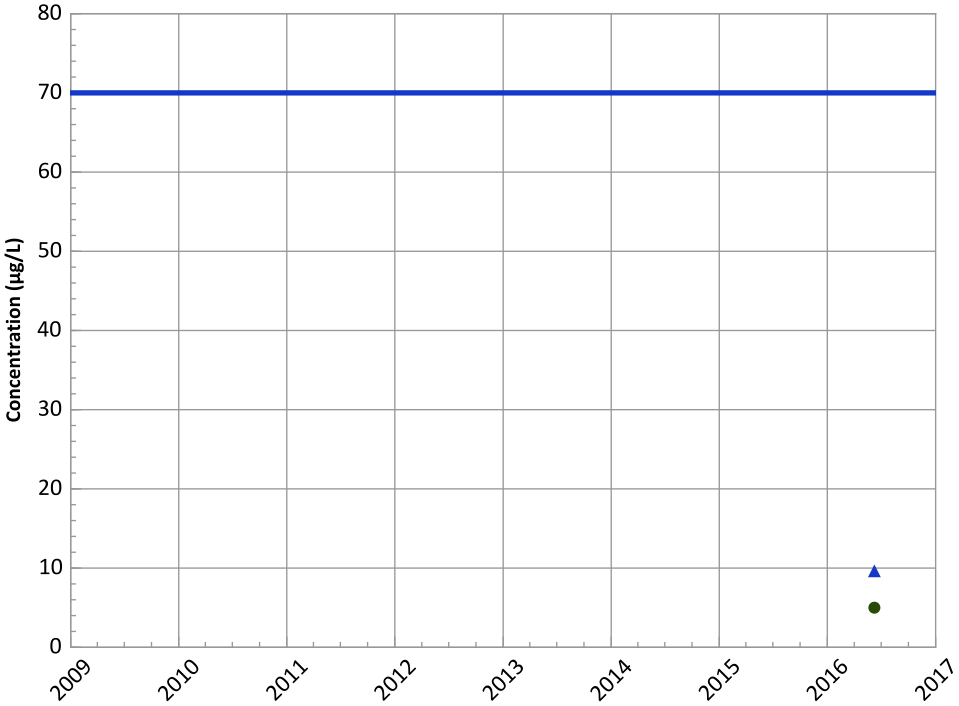
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

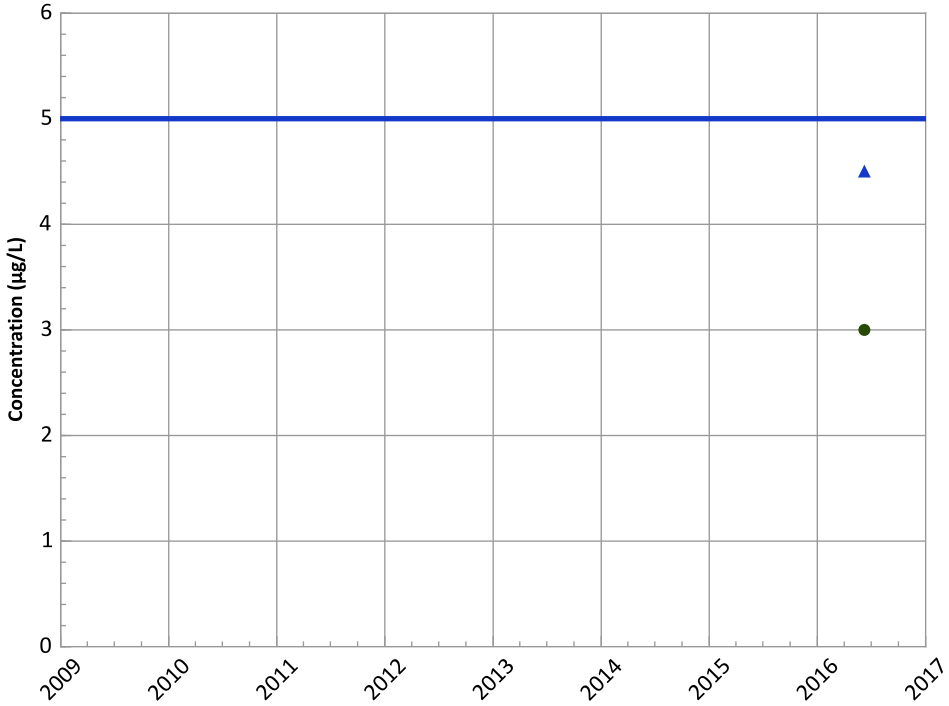


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

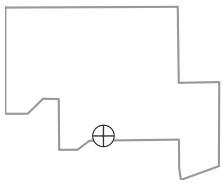
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

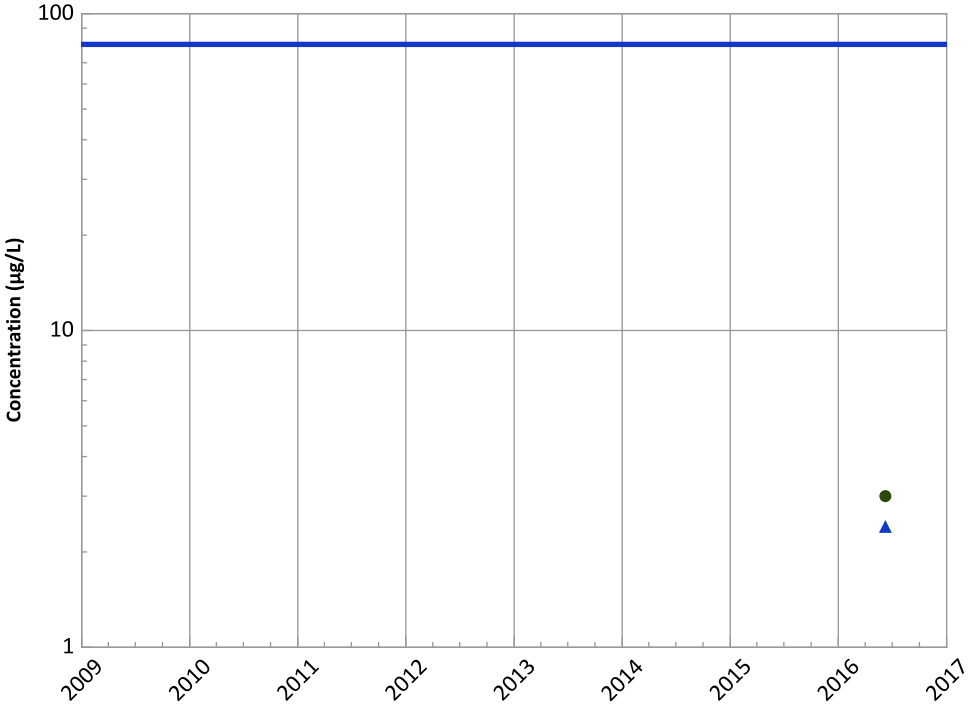
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

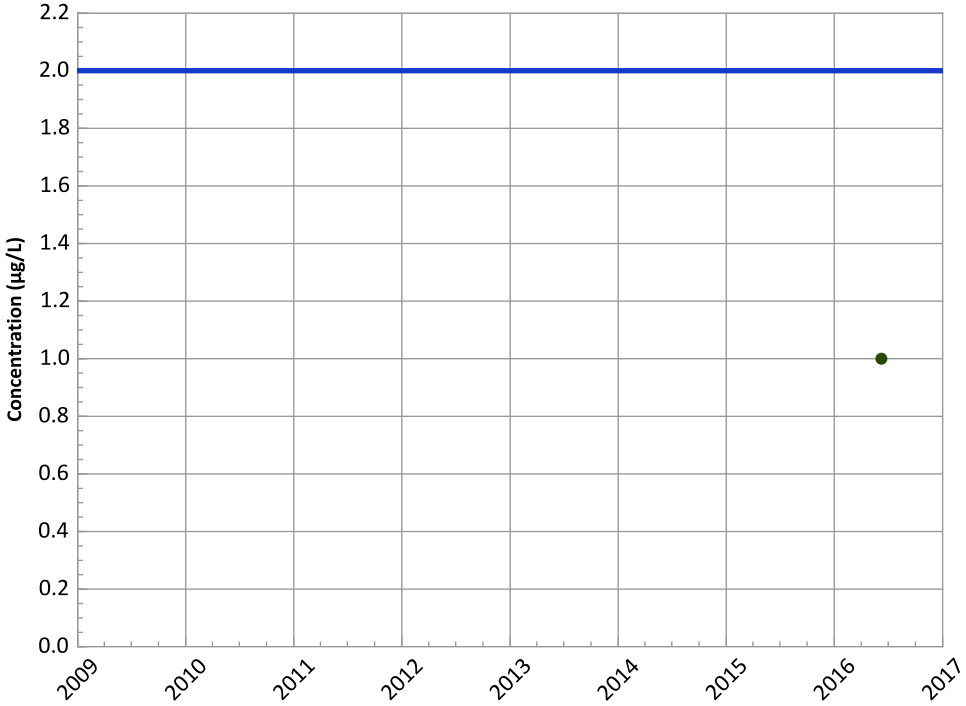


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Vinyl Chloride Trend



Concentration Trend

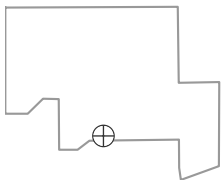
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

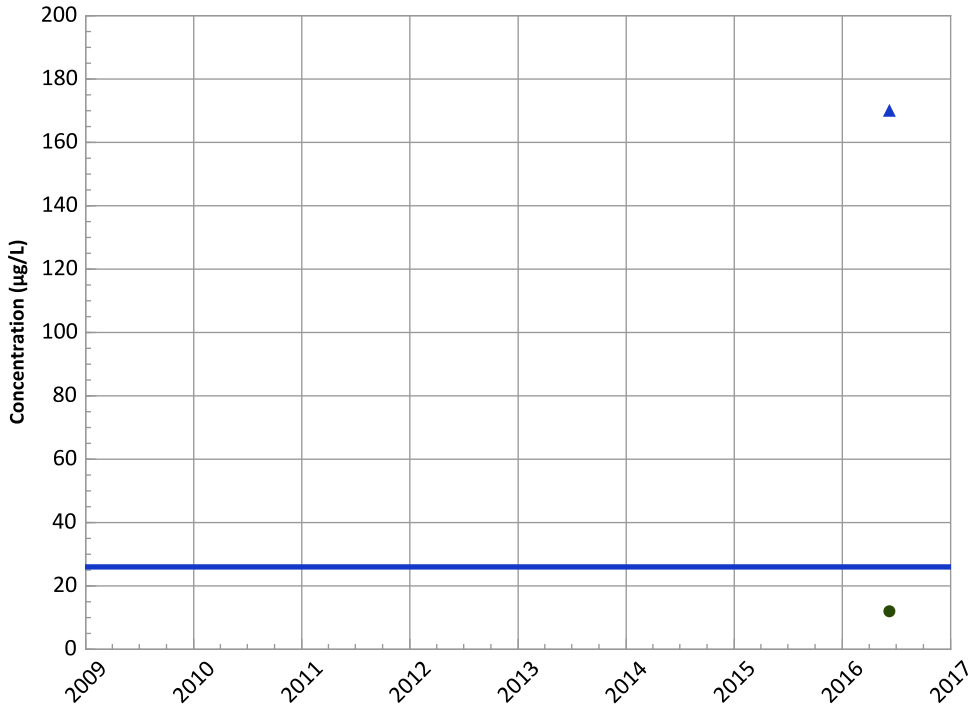
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

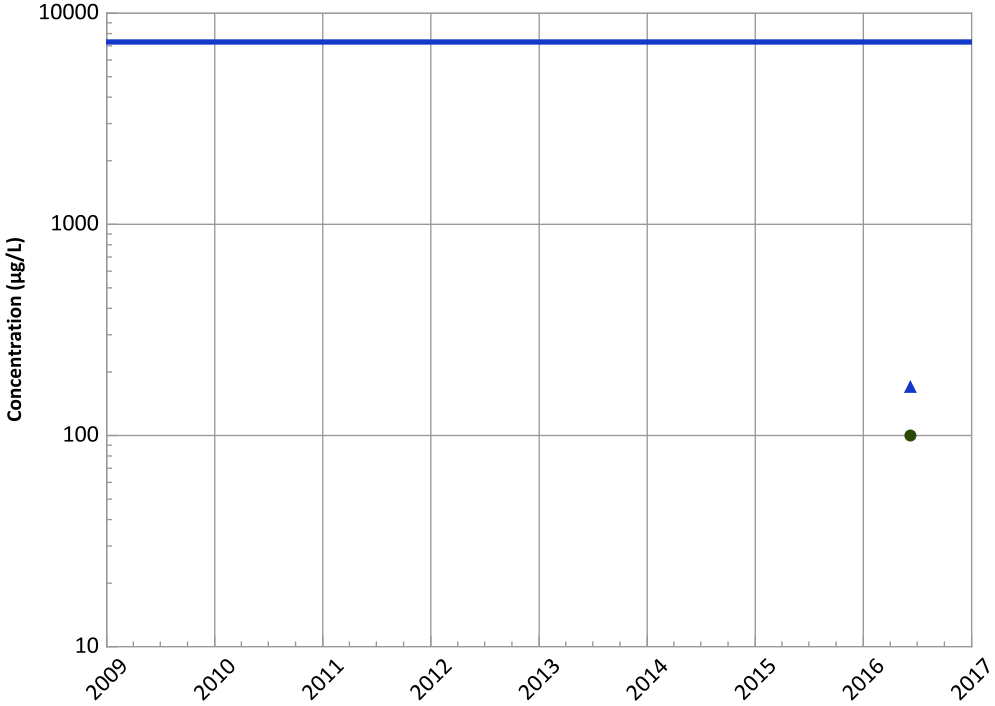


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Boron Trend



Concentration Trend

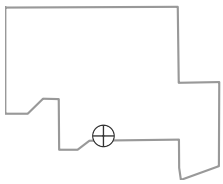
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

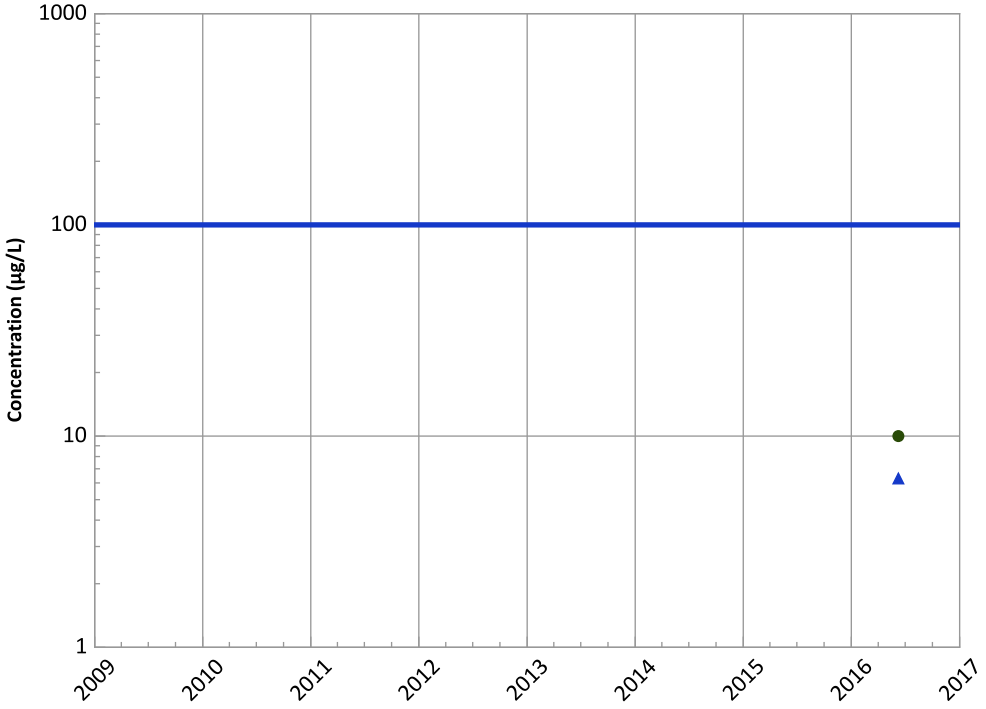
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

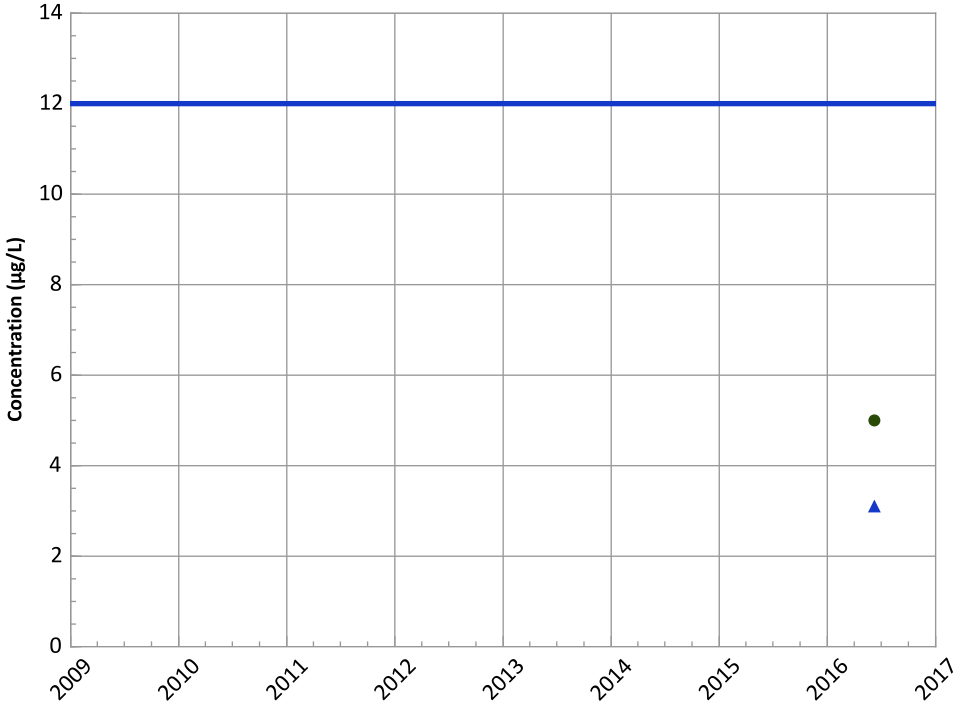


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Arsenic Trend

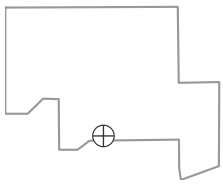


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Well Location

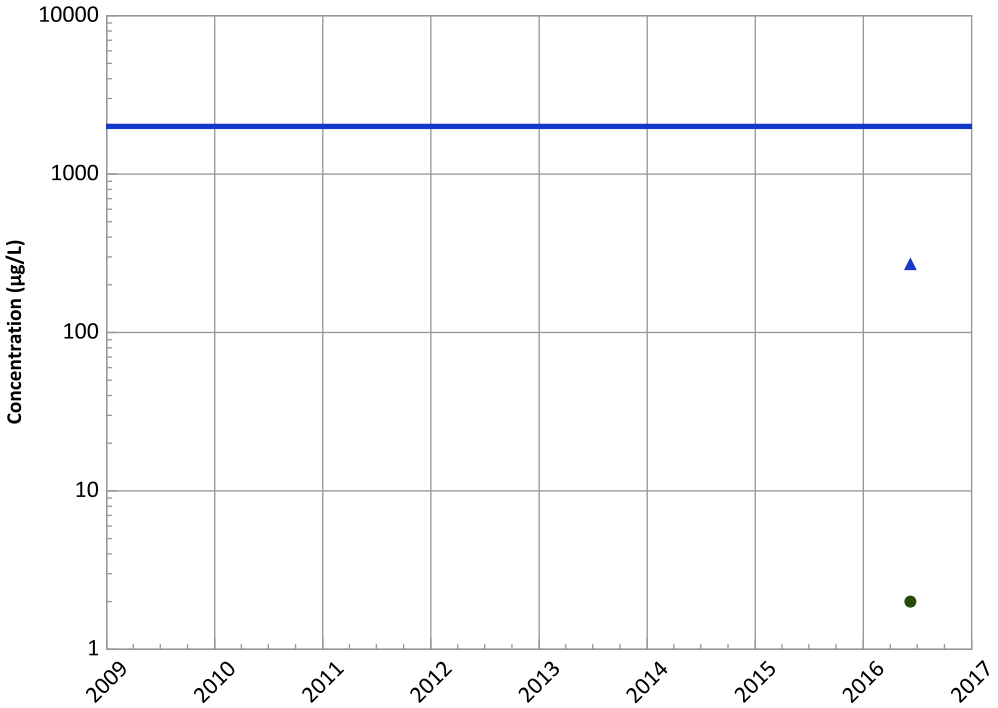


Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

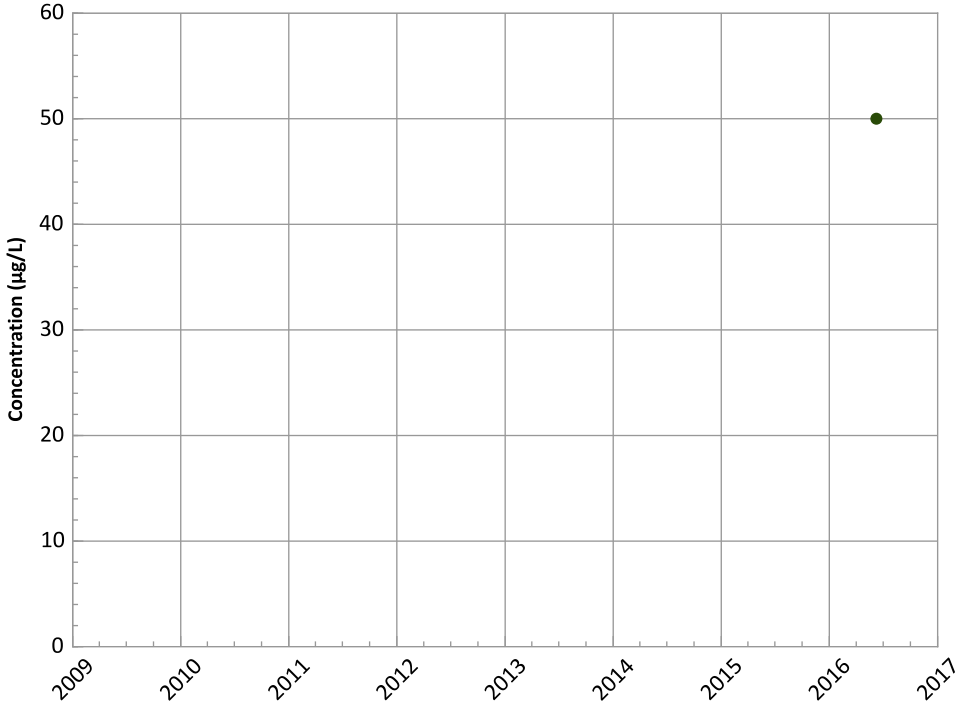


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

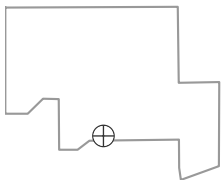
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

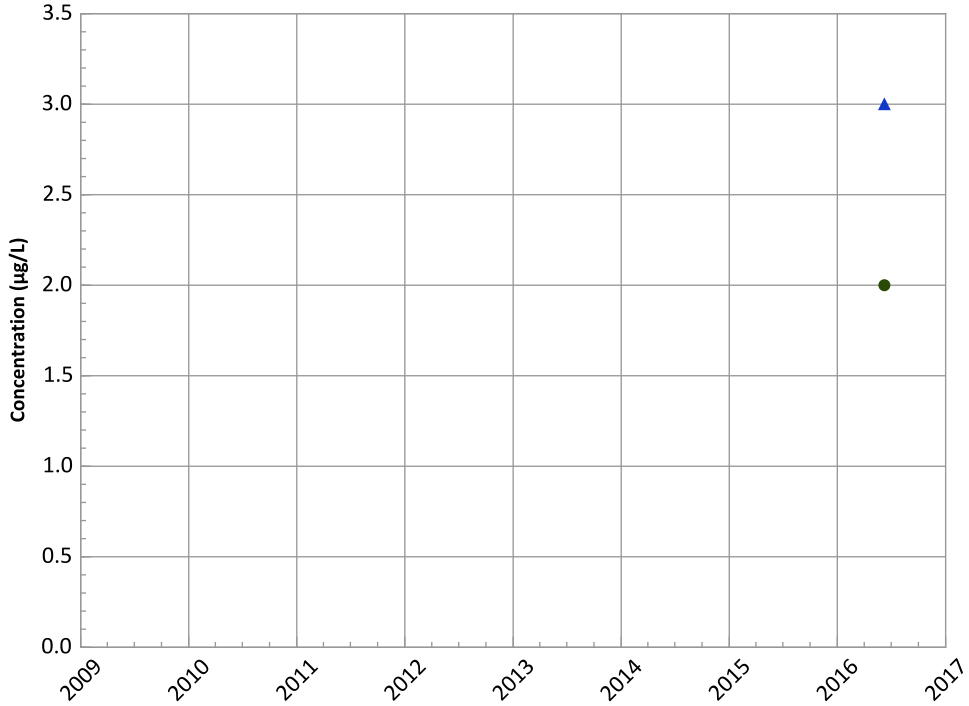
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

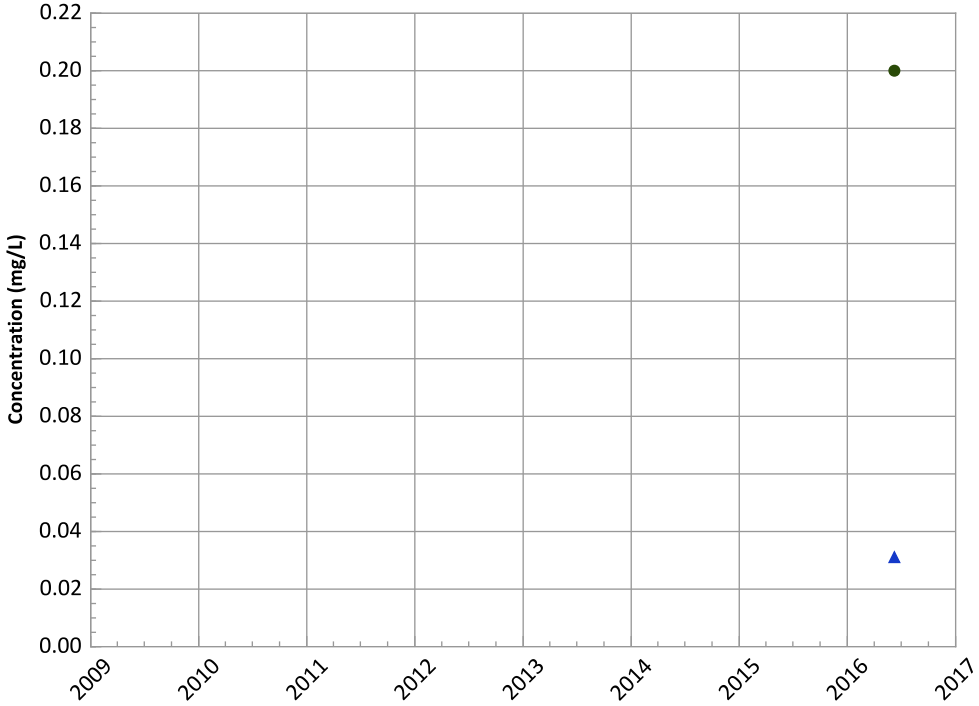


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Total Volatile Fatty Acids Trend



Concentration Trend

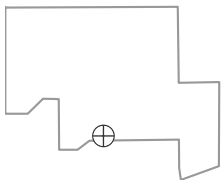
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

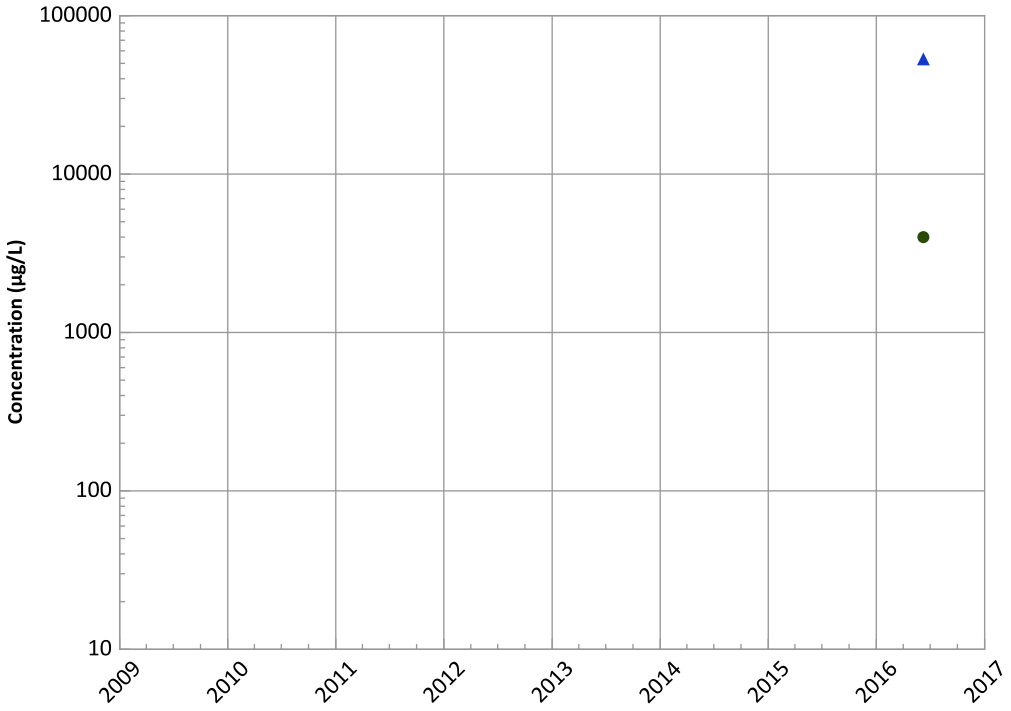
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloride (as Cl) Trend

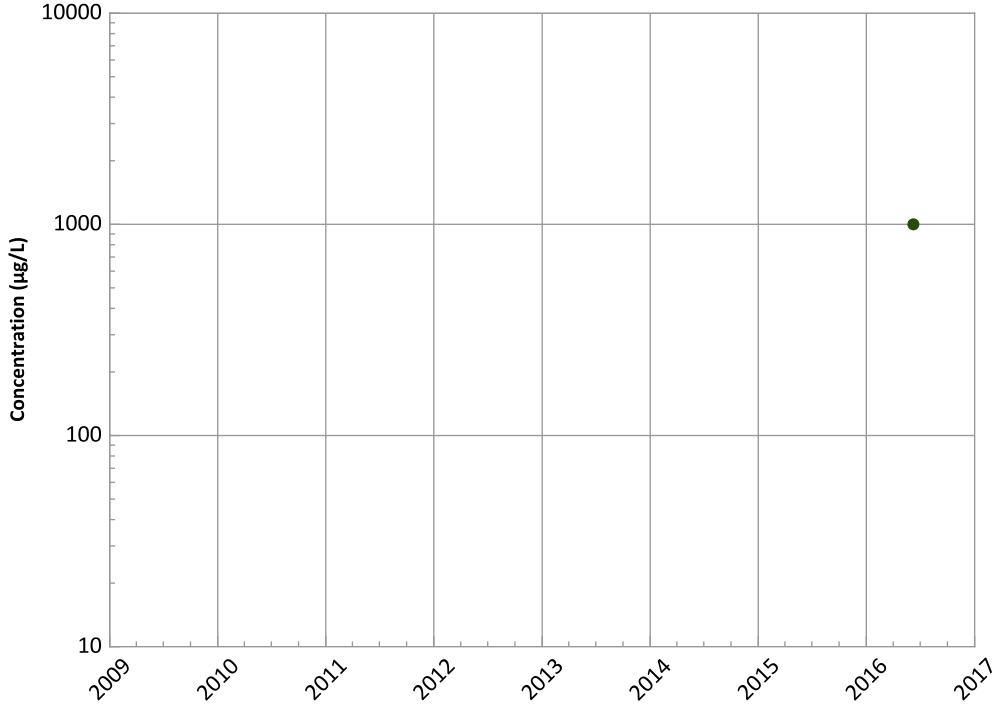


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Total Organic Carbon Trend



Concentration Trend

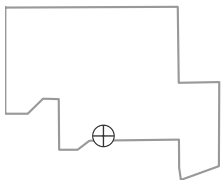
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

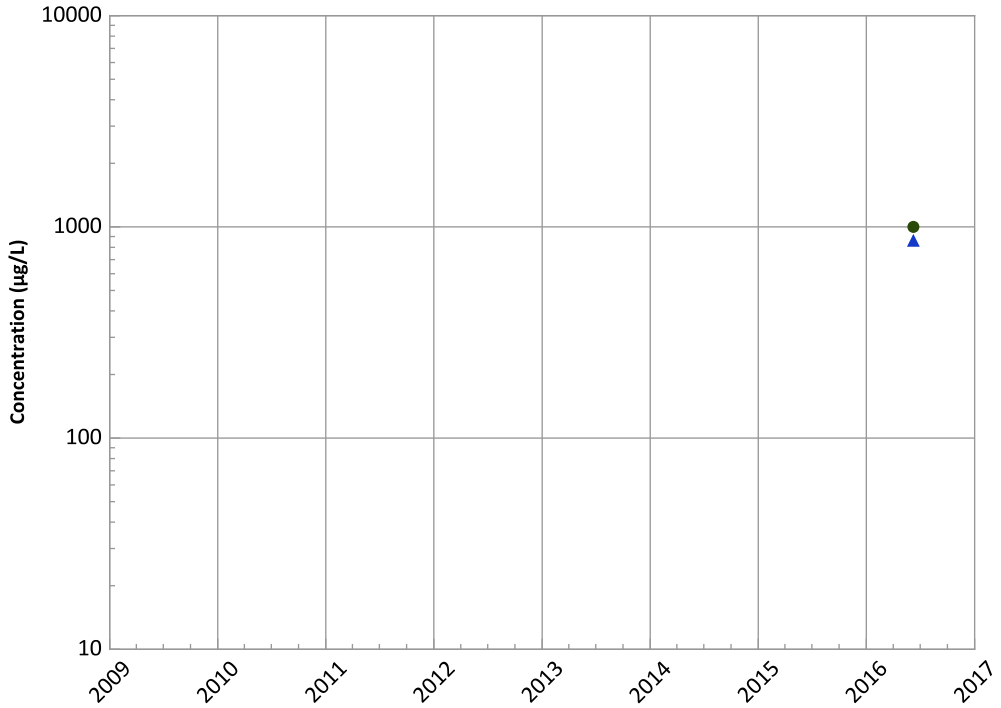
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend

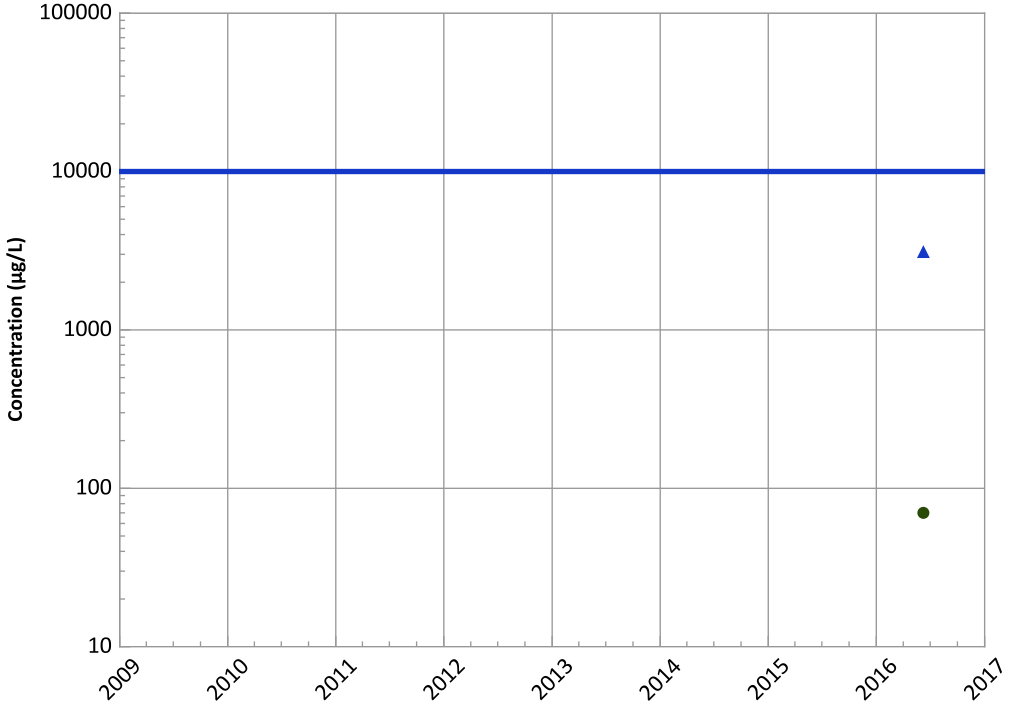


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Nitrate as N Trend



Concentration Trend

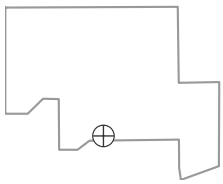
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

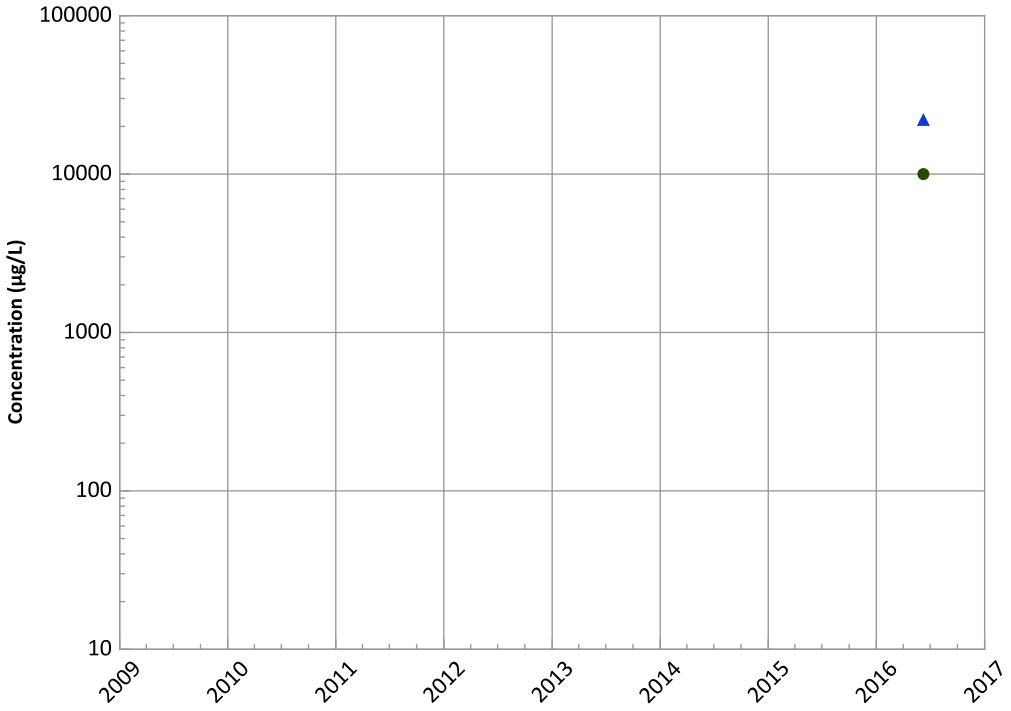
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend

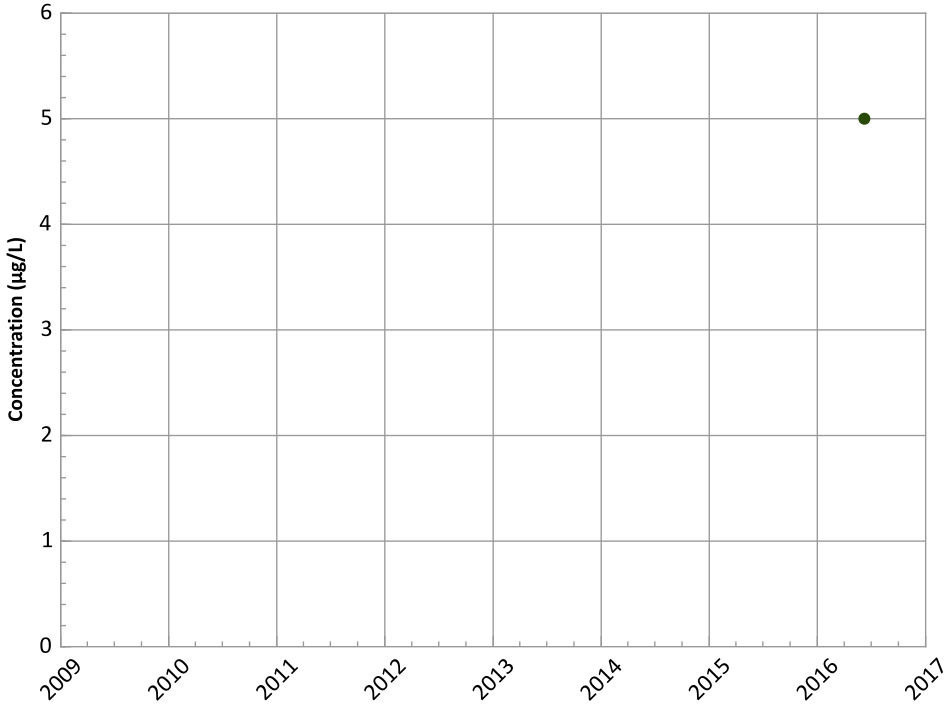


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Ethene (Ethylene) Trend



Concentration Trend

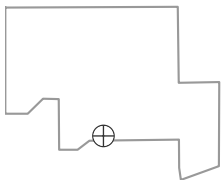
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

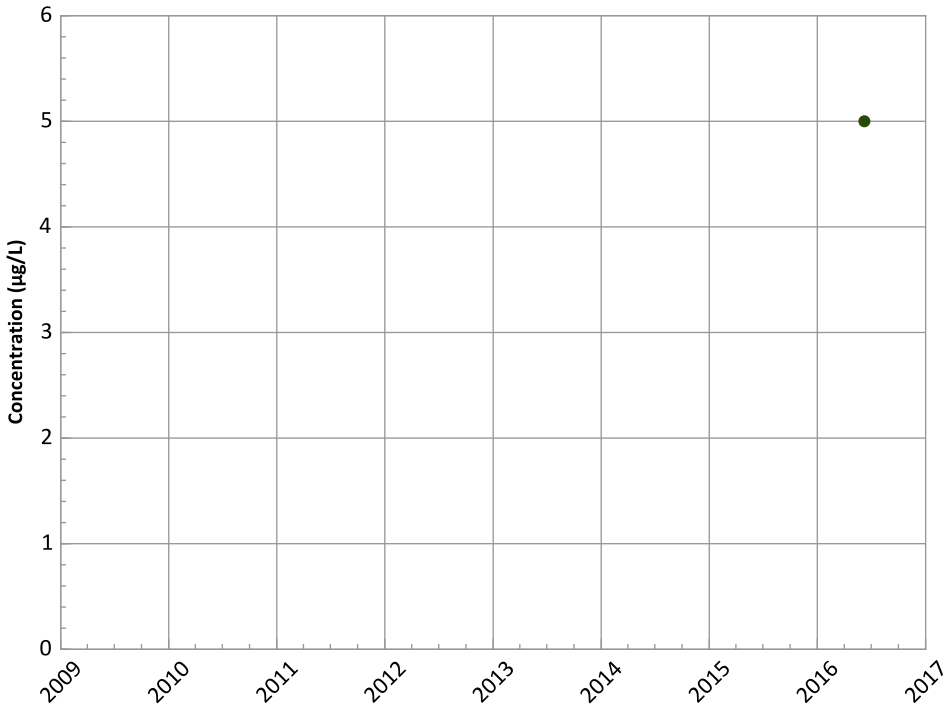
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethane Trend

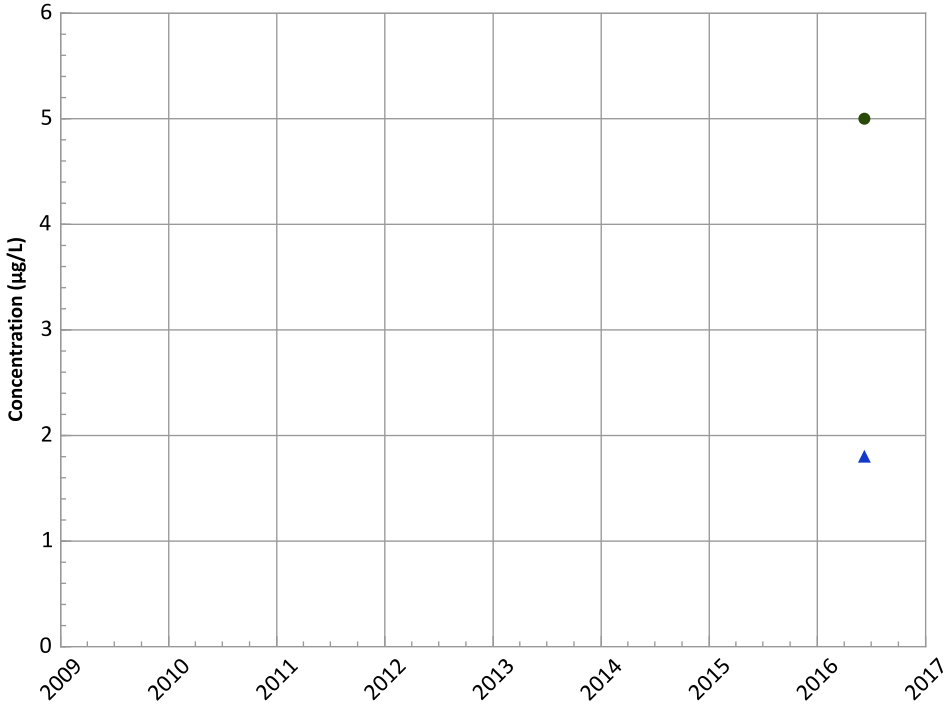


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Methane Trend



Concentration Trend

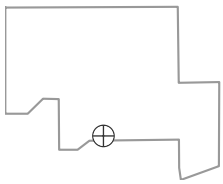
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

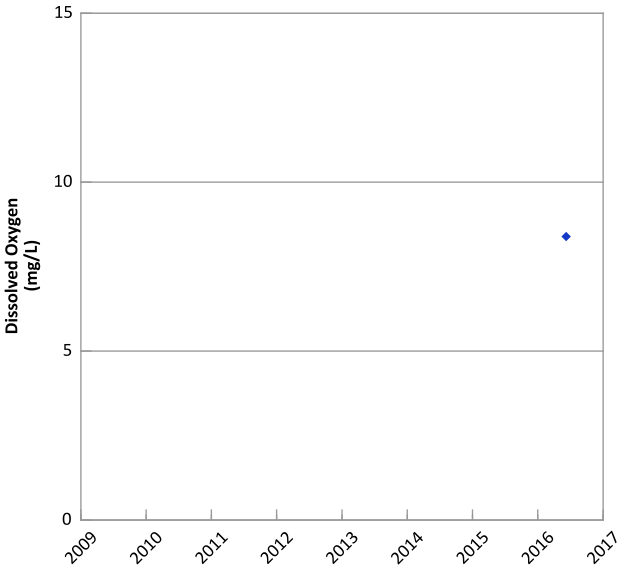
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

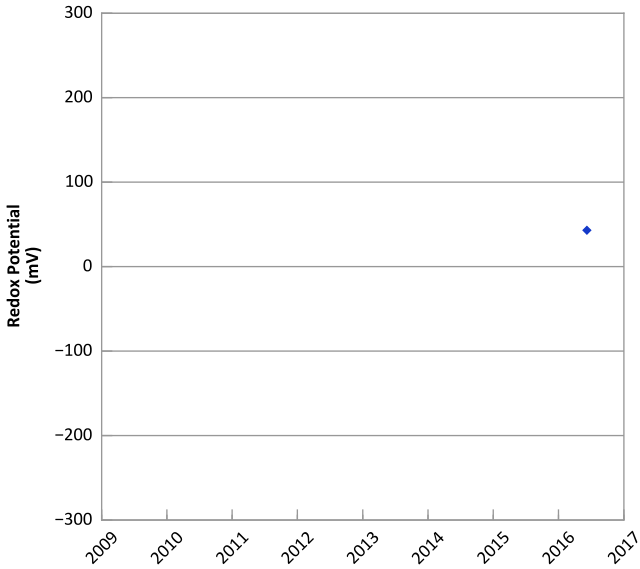
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

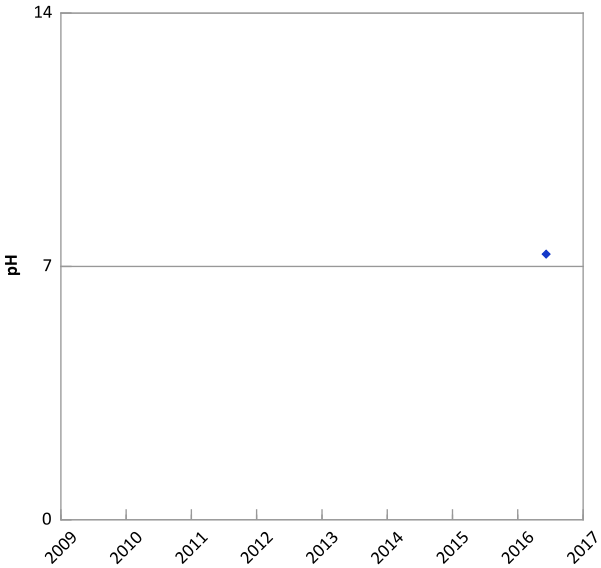
Well Location

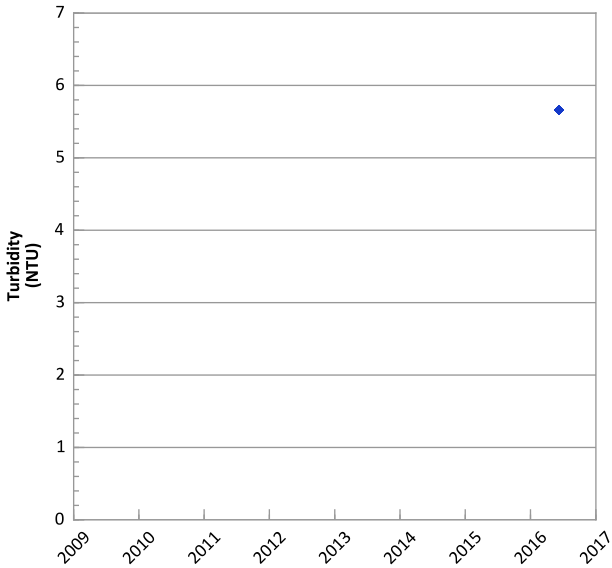


PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



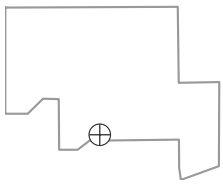






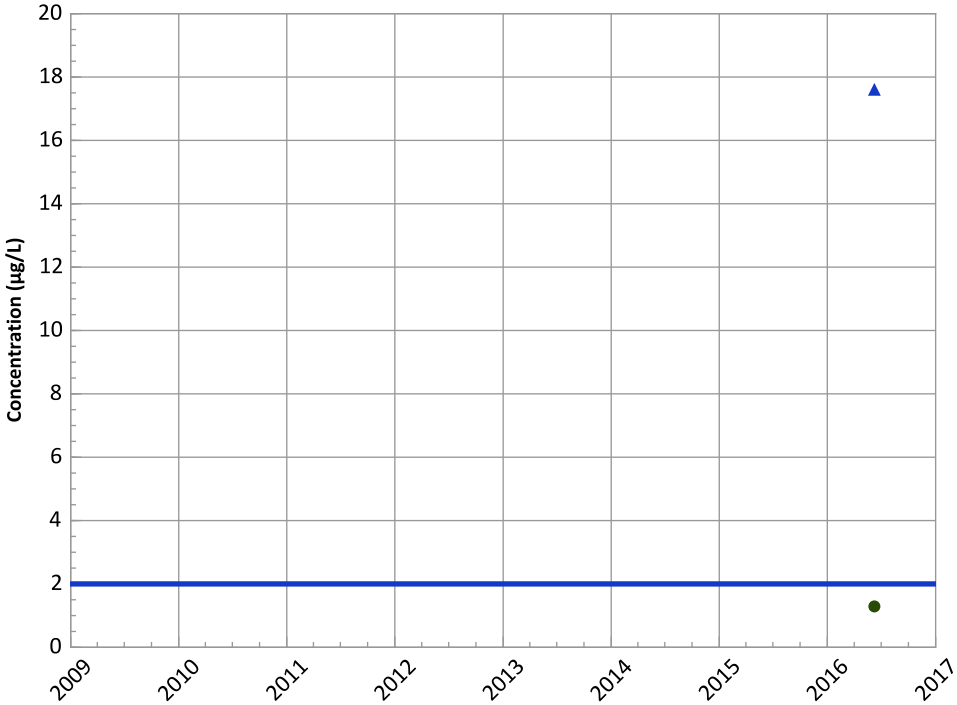
Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

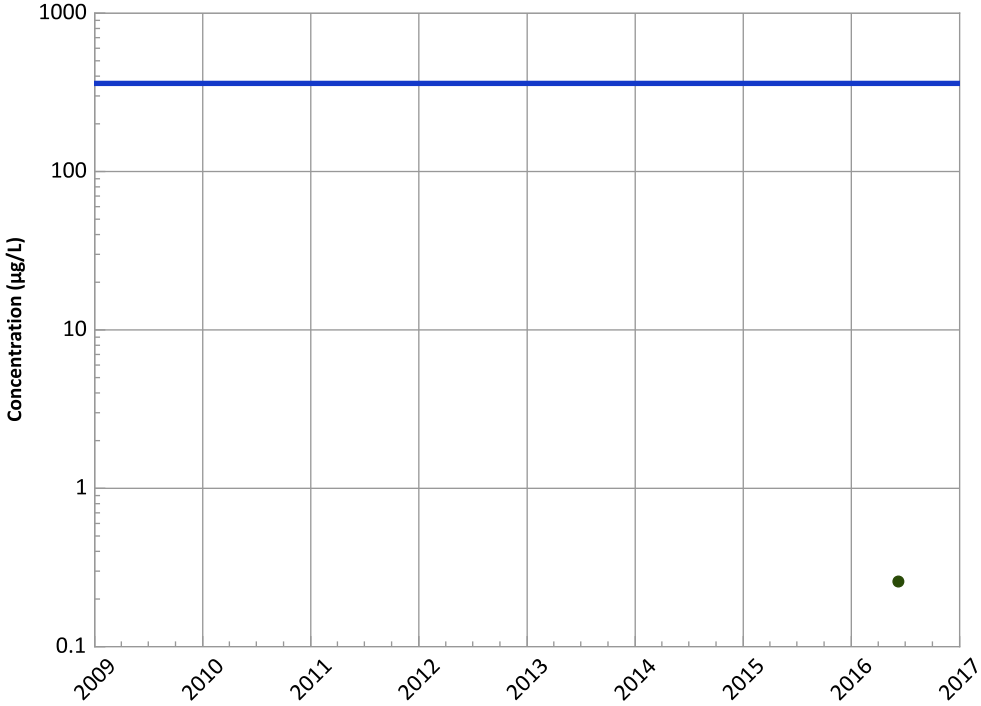


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

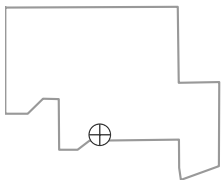
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

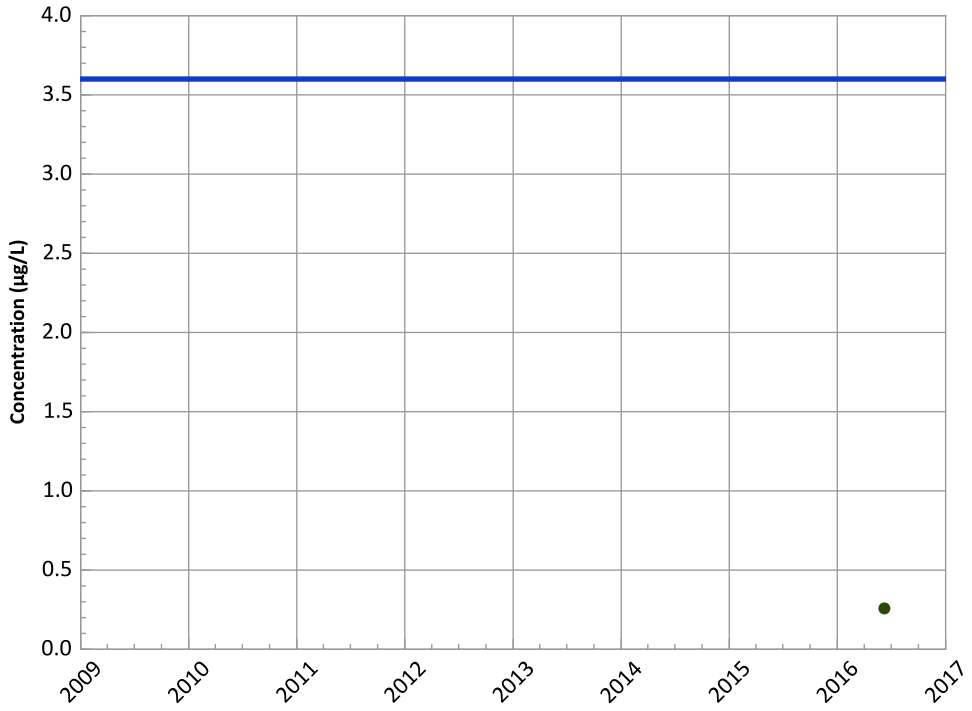
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

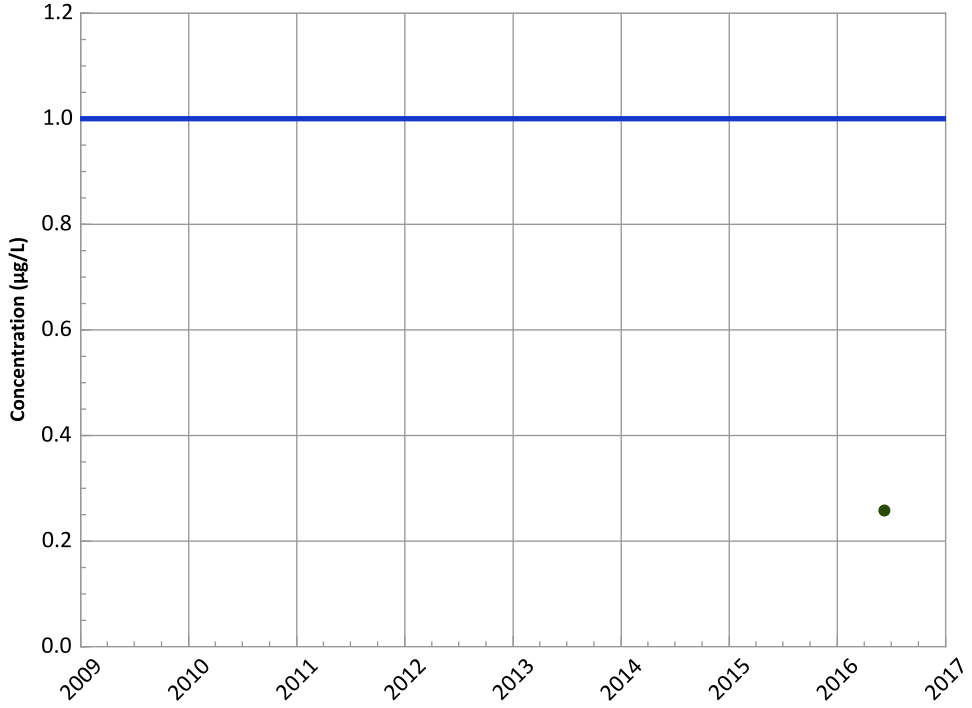


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

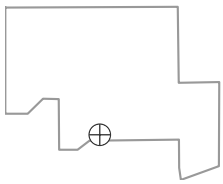
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

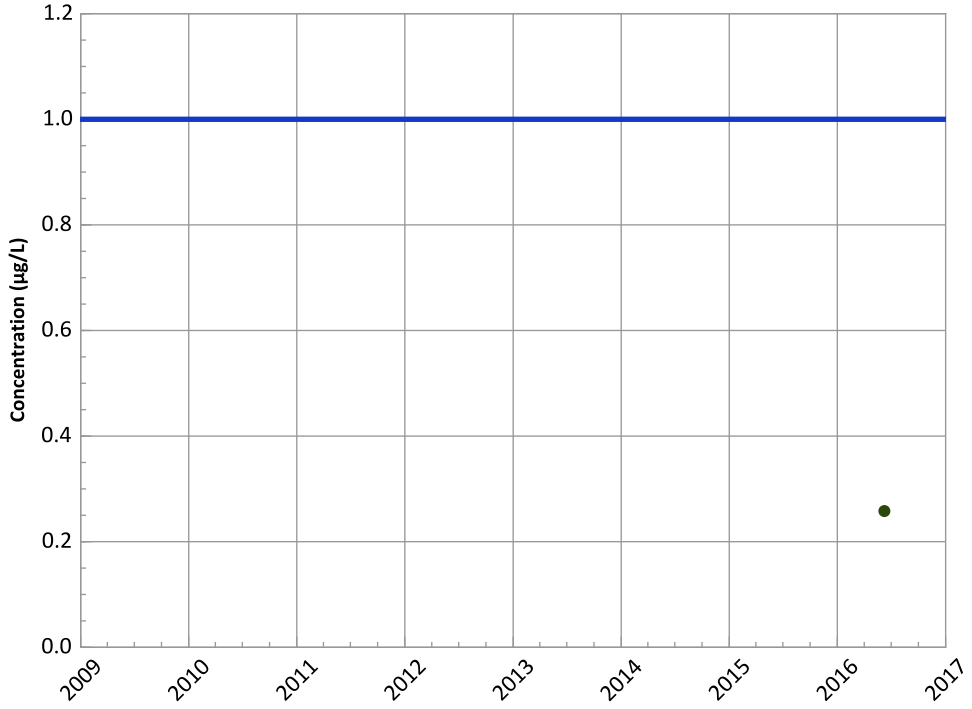
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

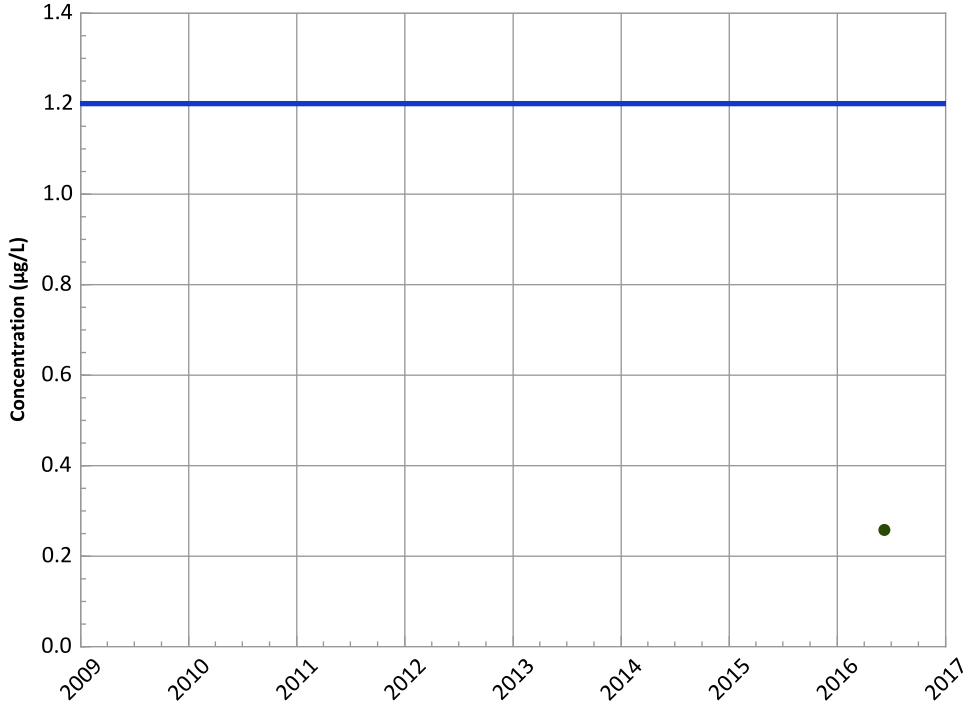


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

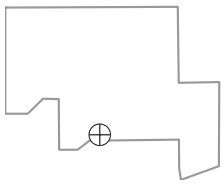


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Well Location

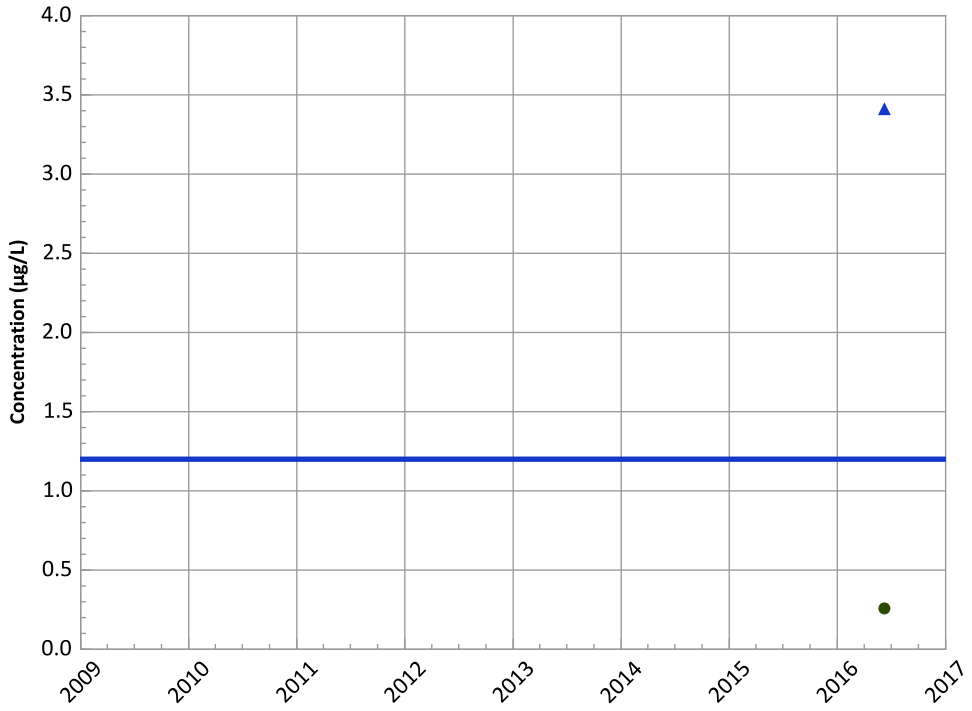


Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

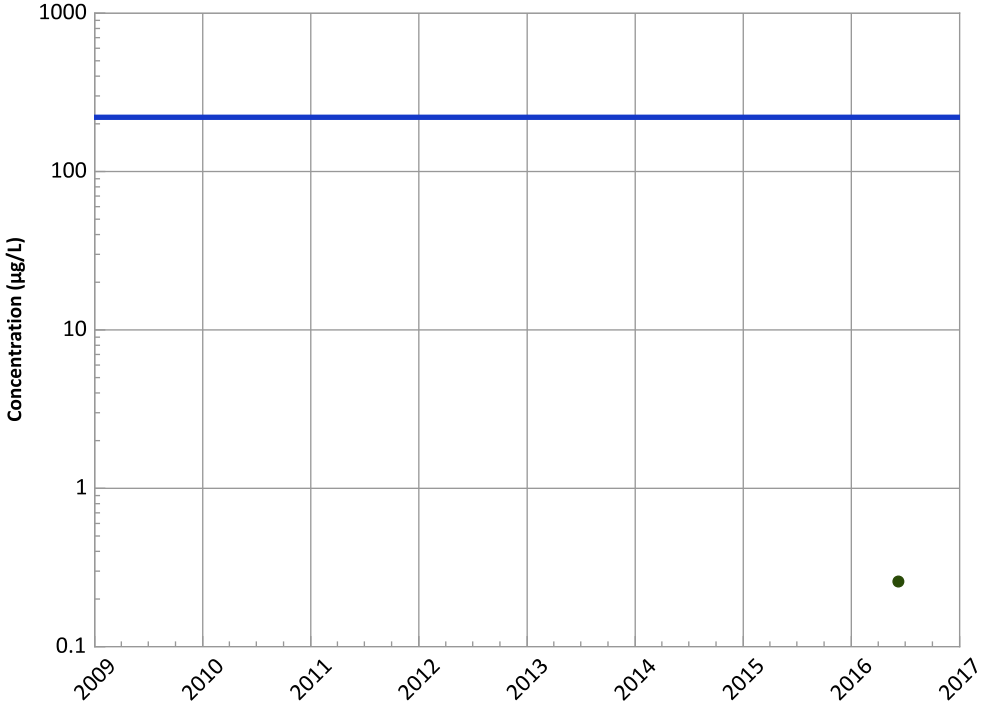


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

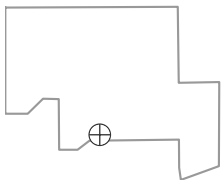
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

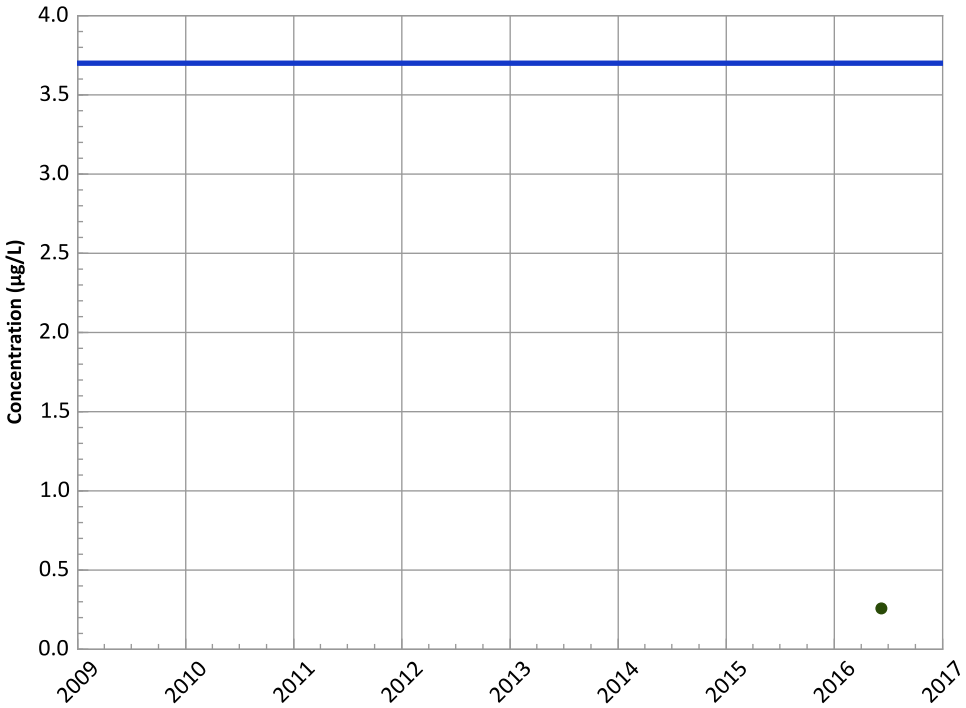
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

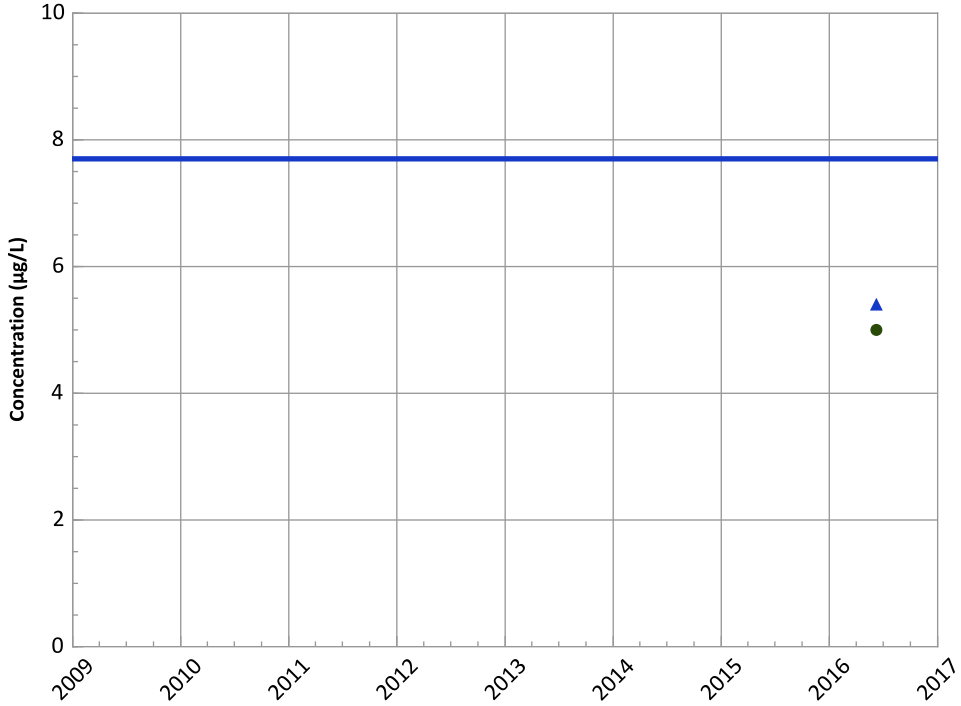


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

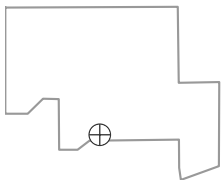
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

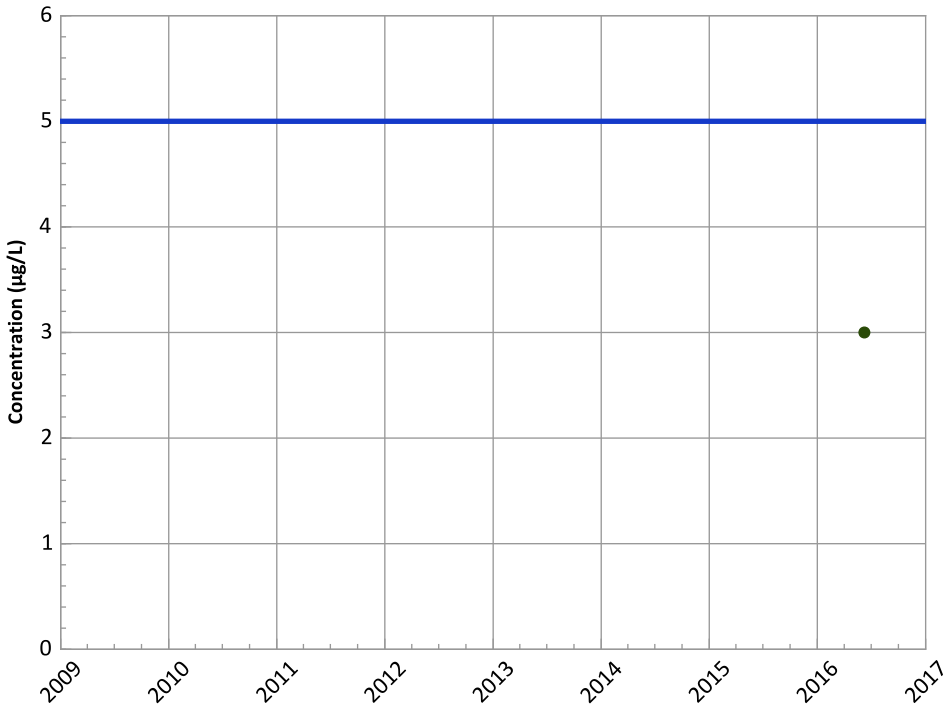
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

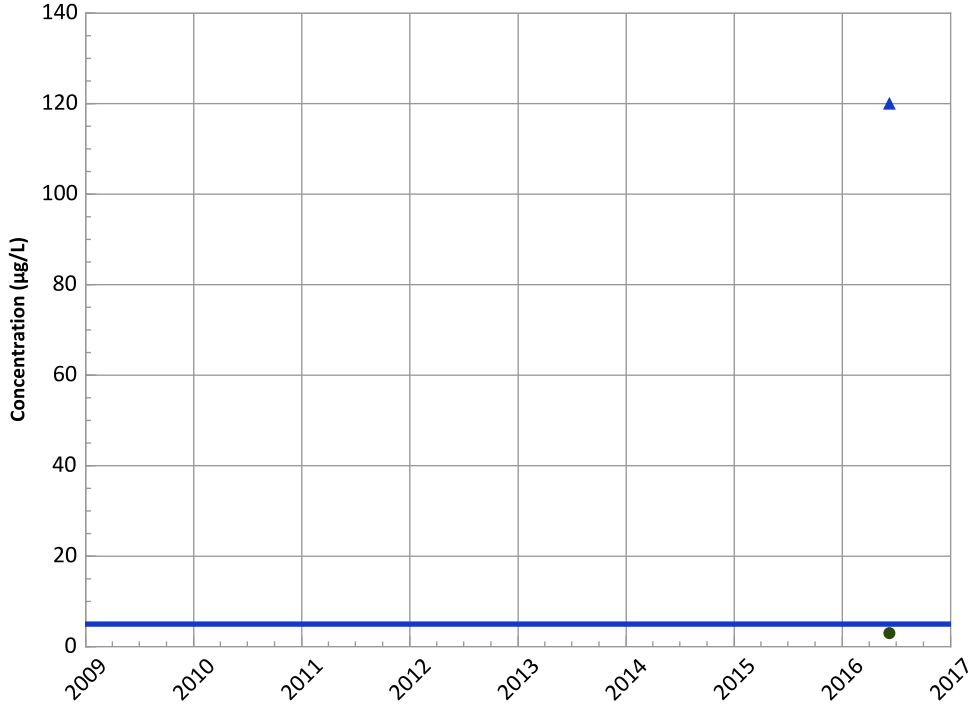


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

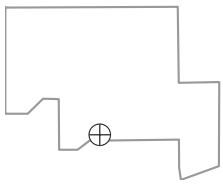
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

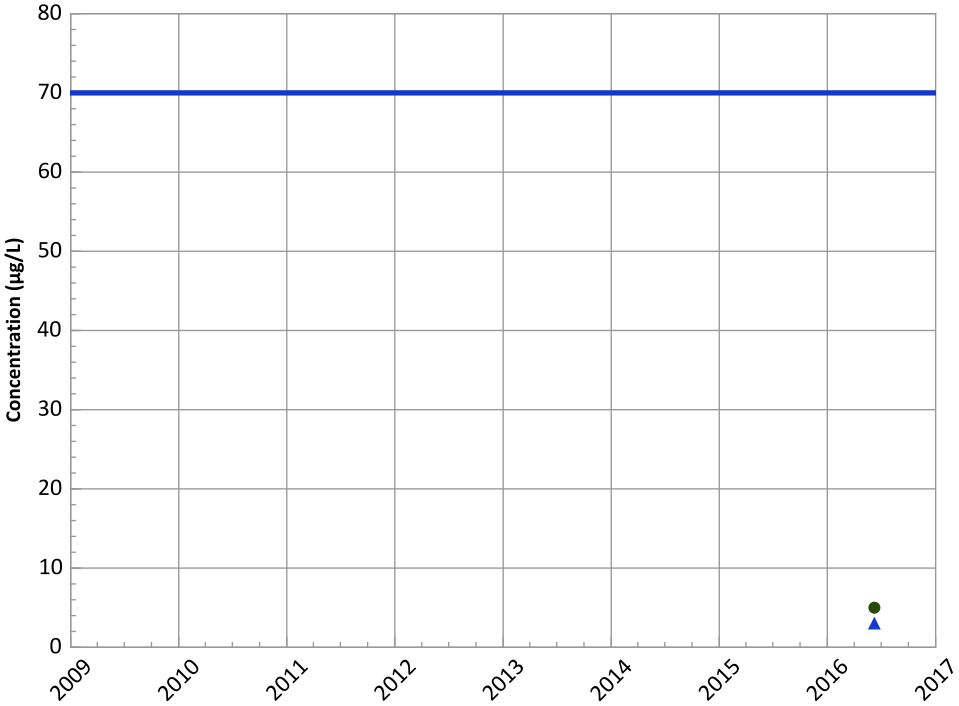
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

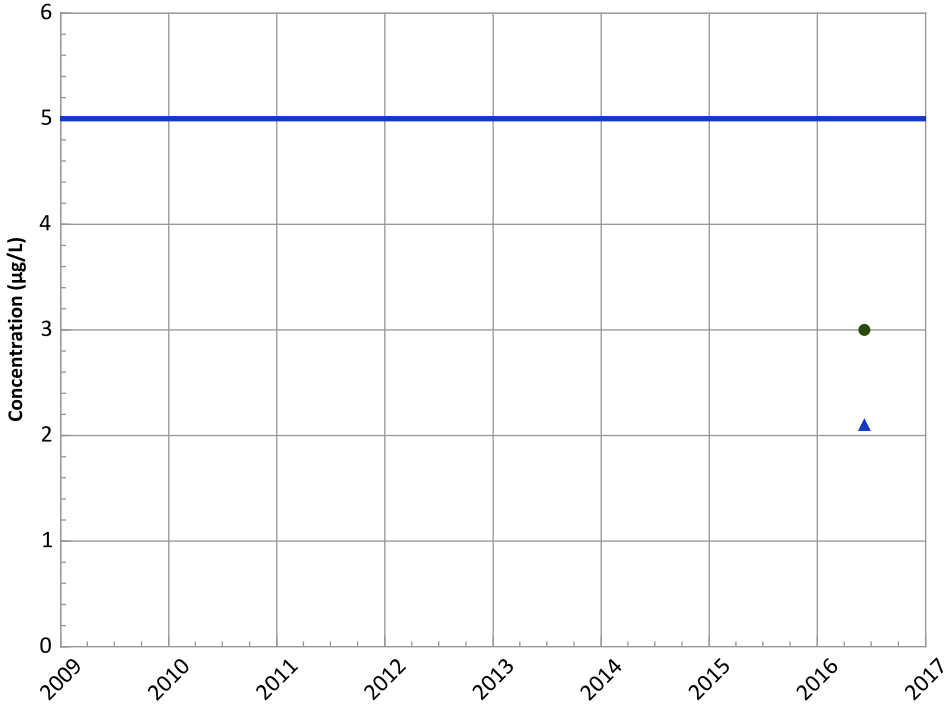


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

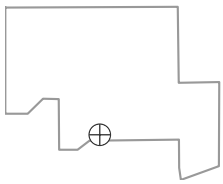
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

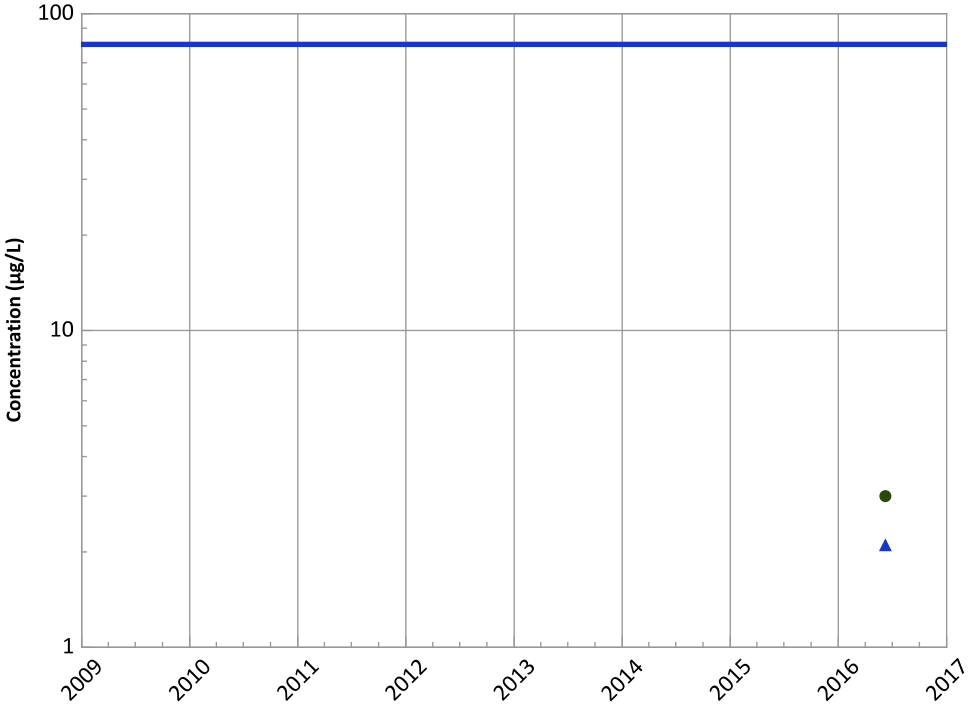
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

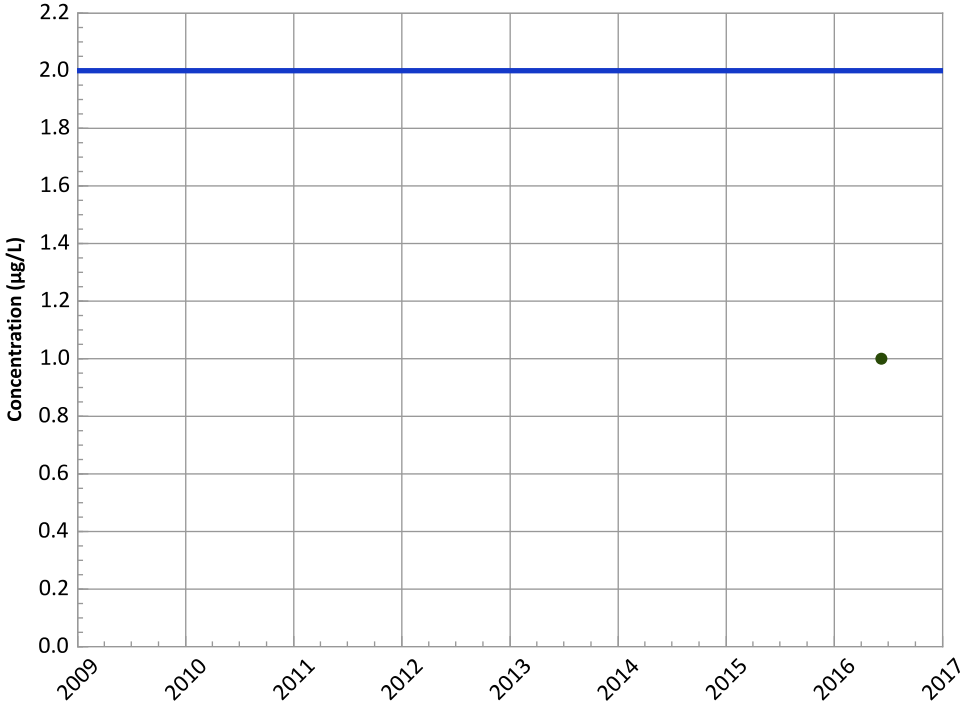


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Vinyl Chloride Trend



Concentration Trend

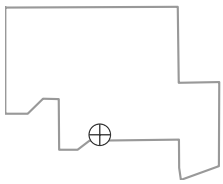
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

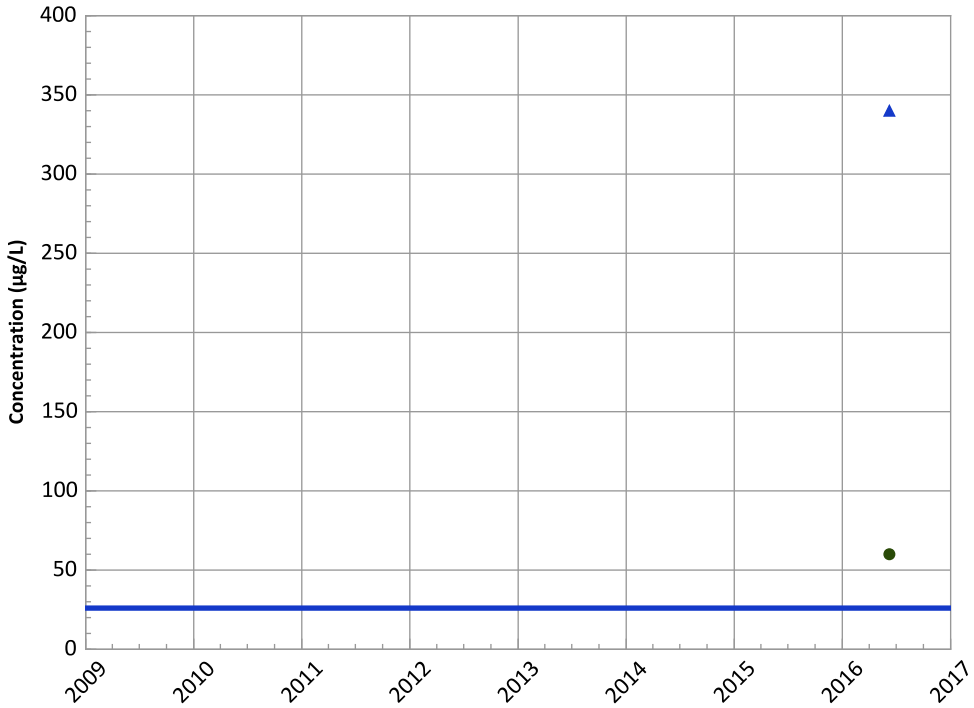
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

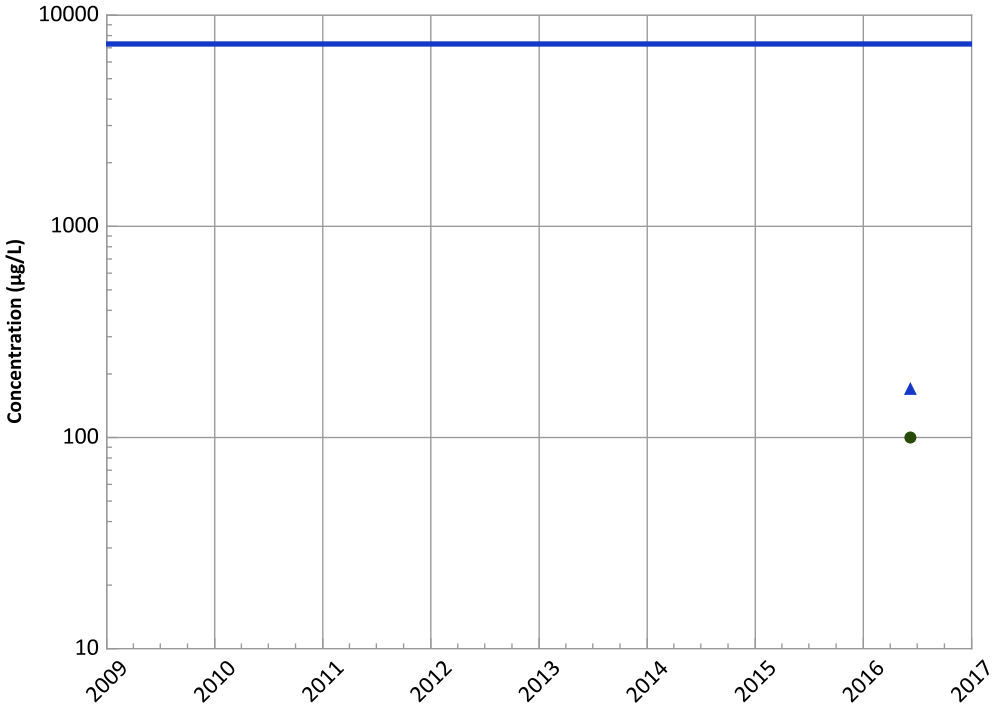


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Boron Trend



Concentration Trend

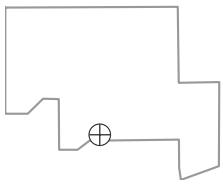
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

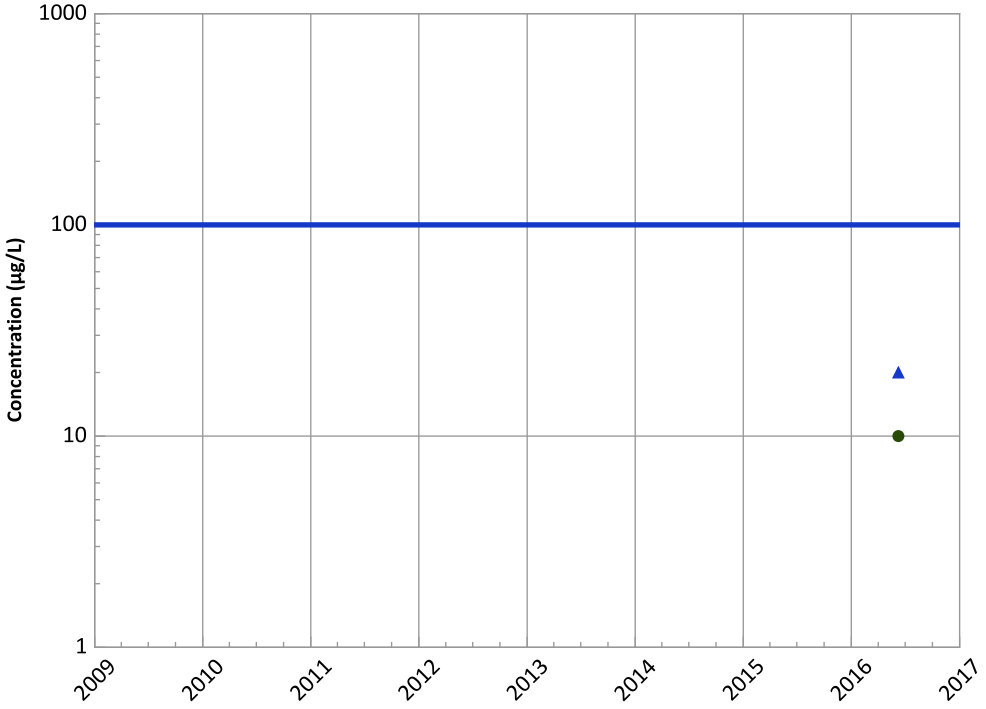
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

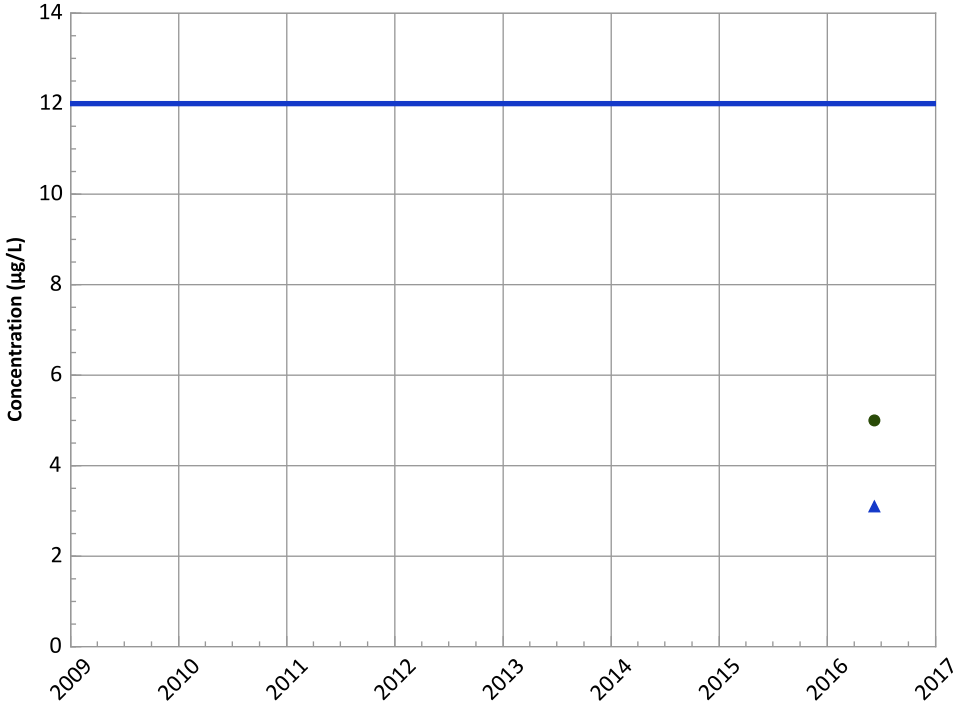


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

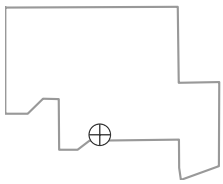
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

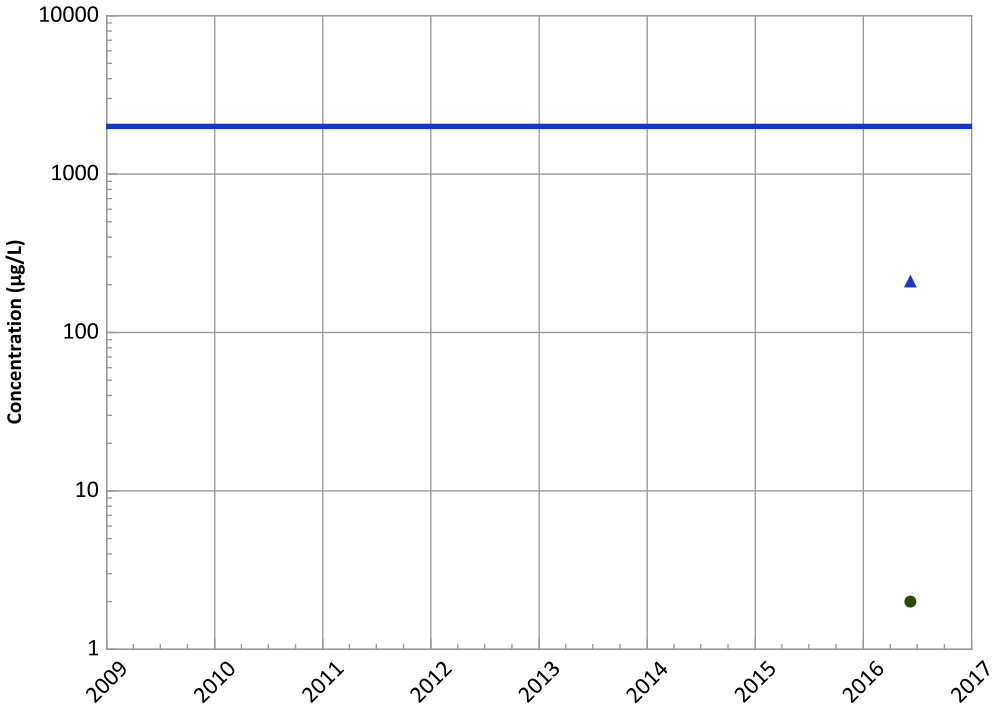
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

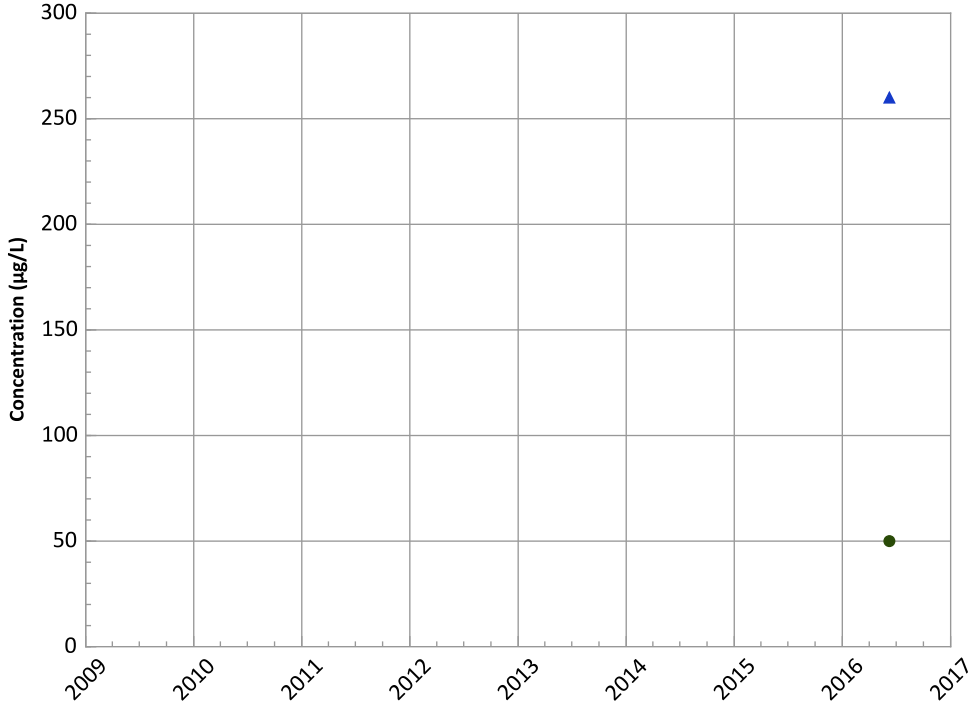


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

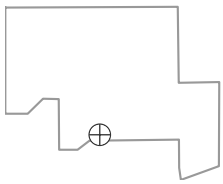
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

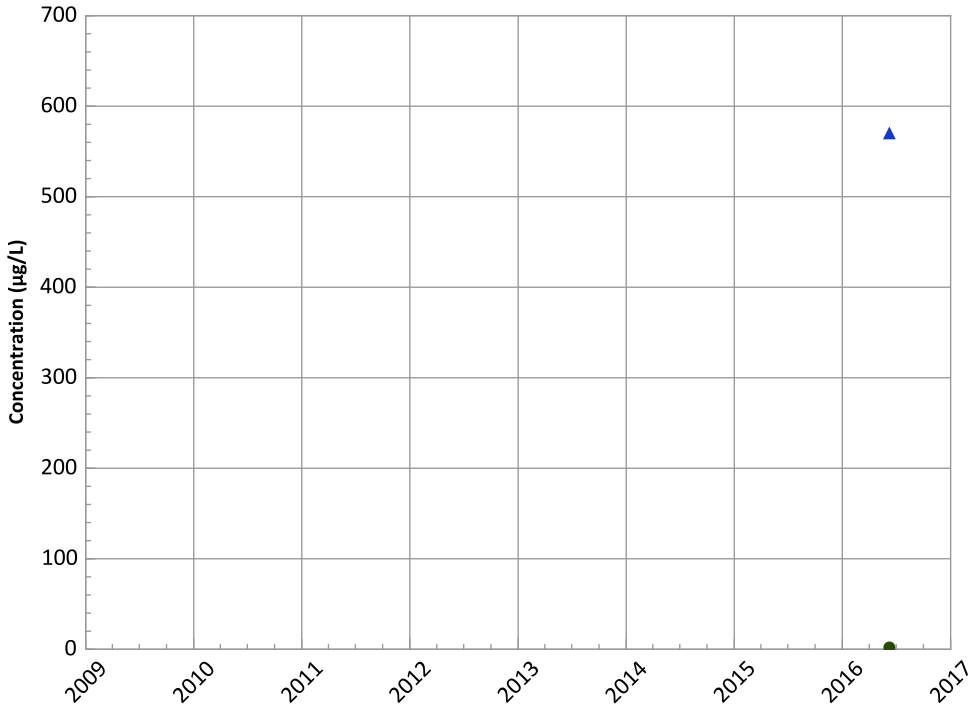
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

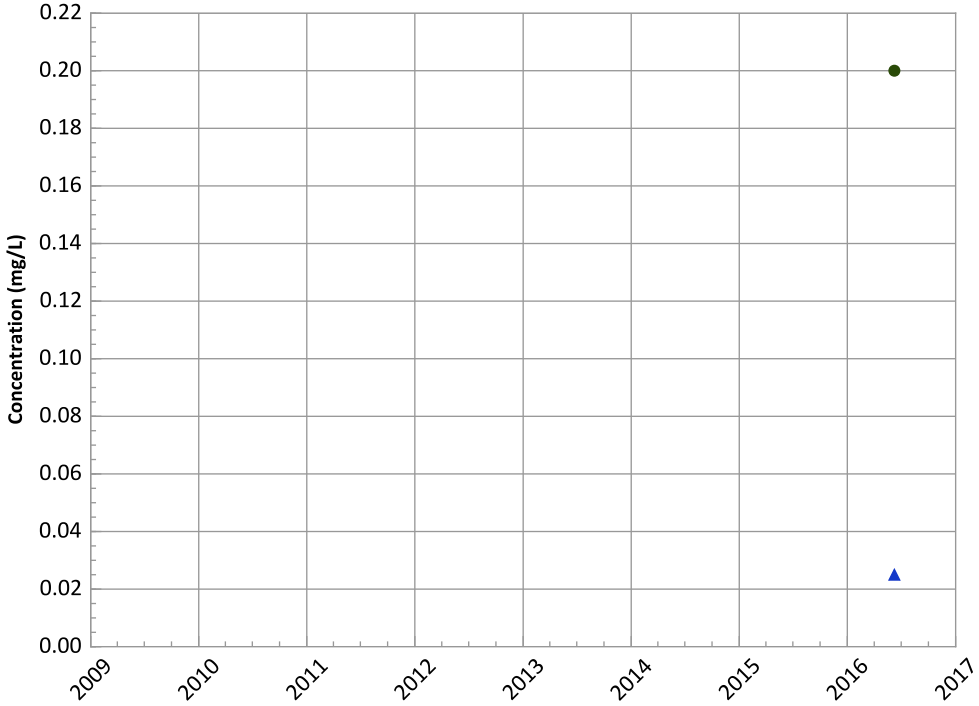


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Total Volatile Fatty Acids Trend



Concentration Trend

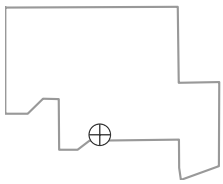
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

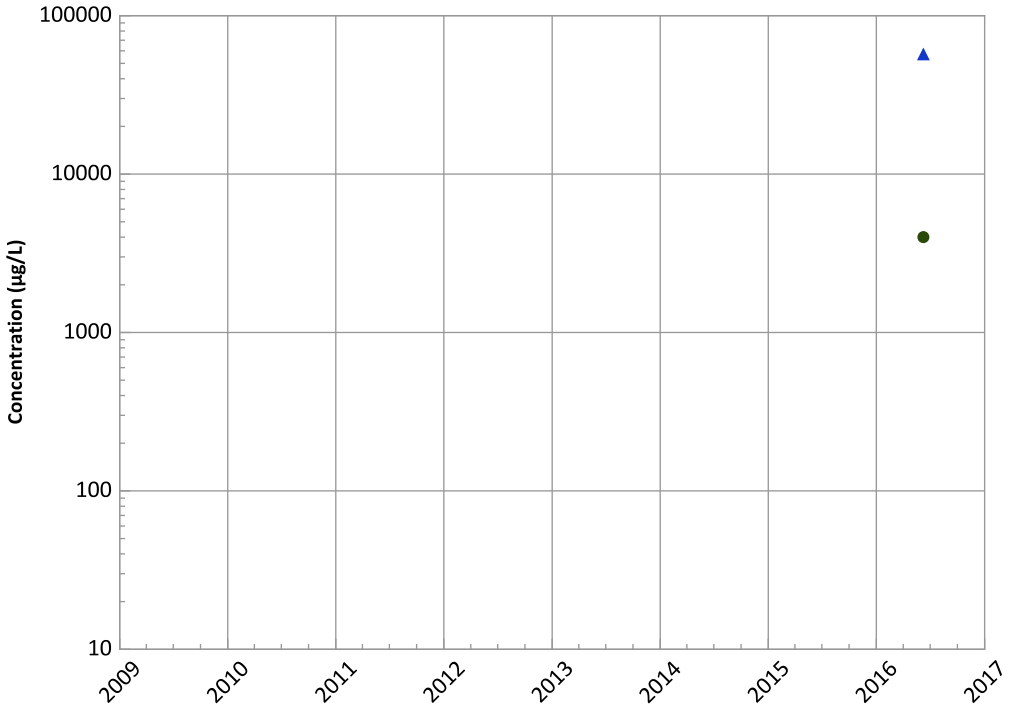
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloride (as Cl) Trend

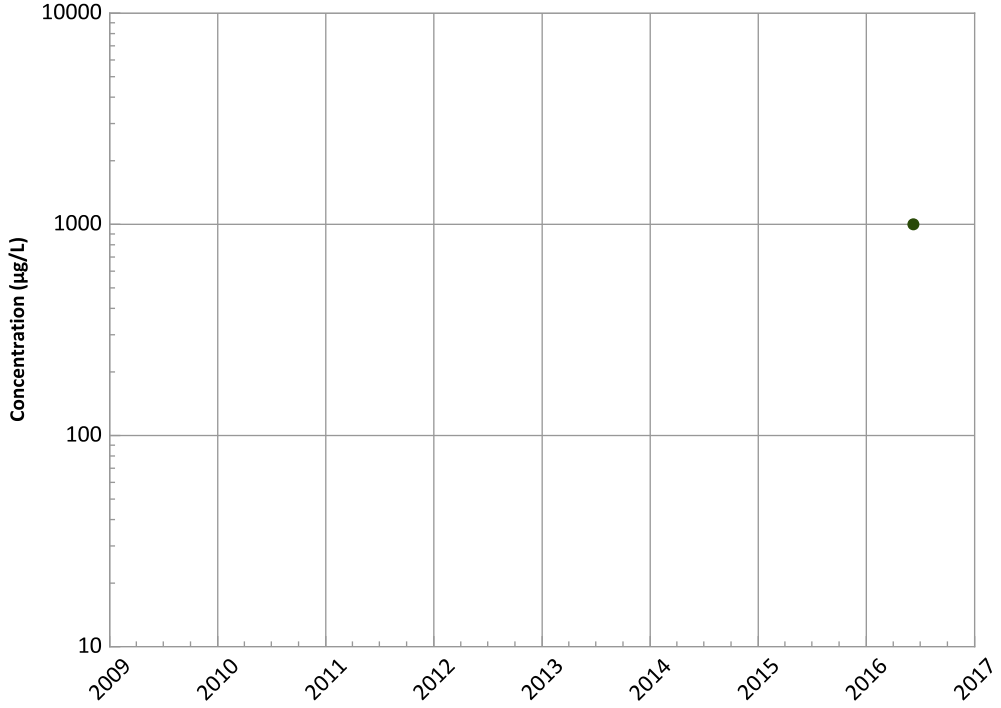


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Total Organic Carbon Trend



Concentration Trend

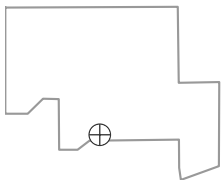
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

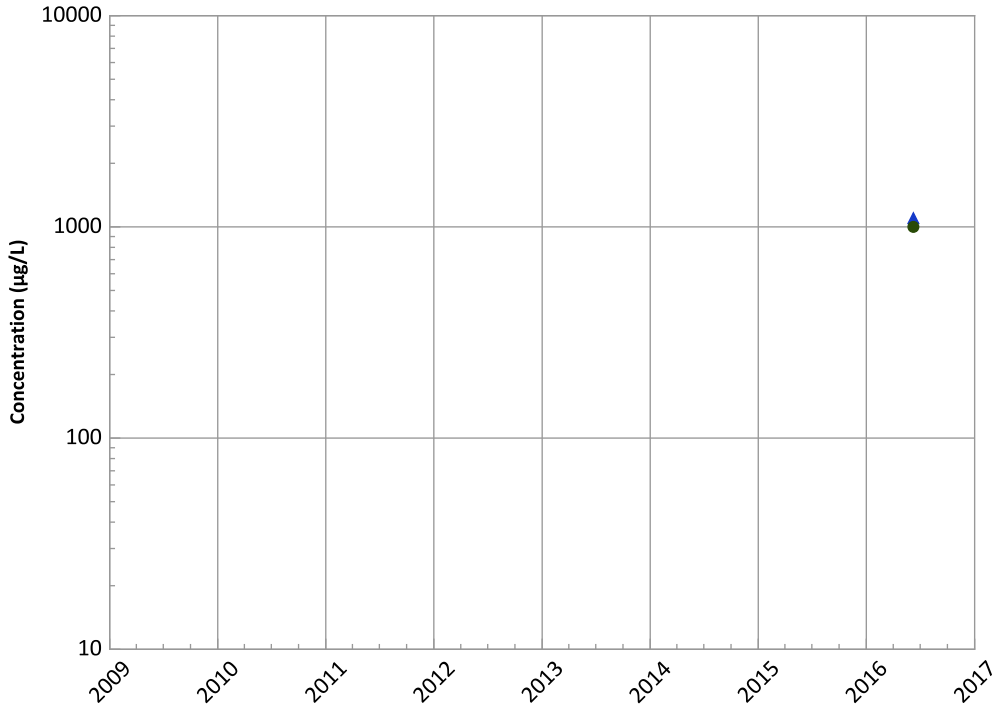
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend

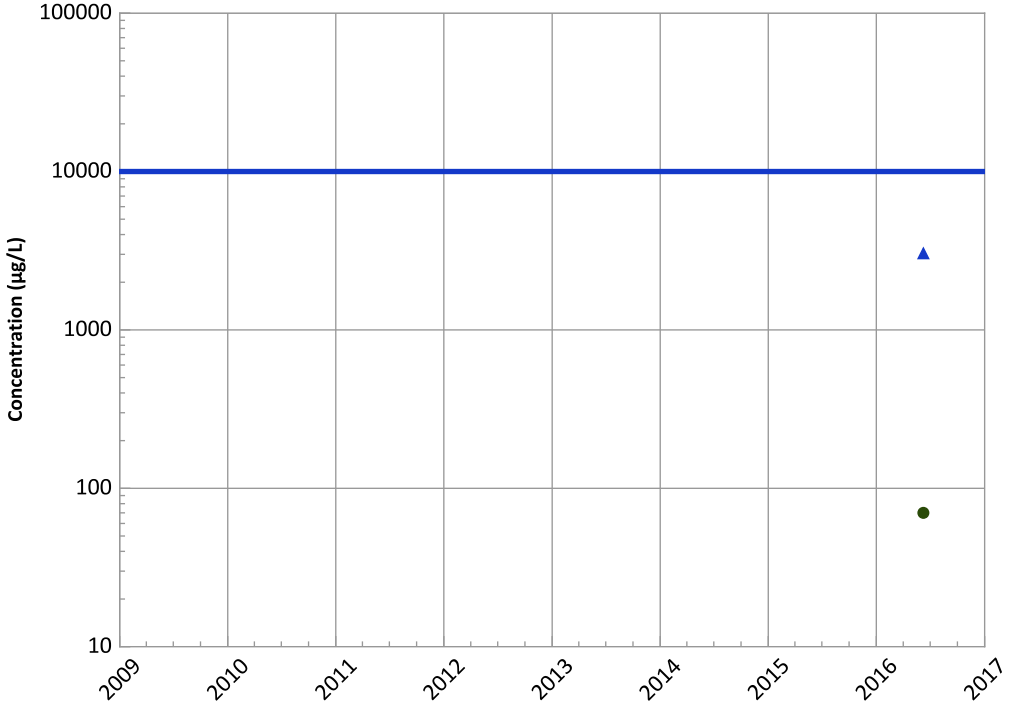


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Nitrate as N Trend



Concentration Trend

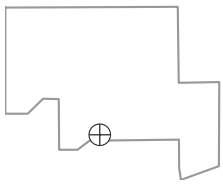
MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

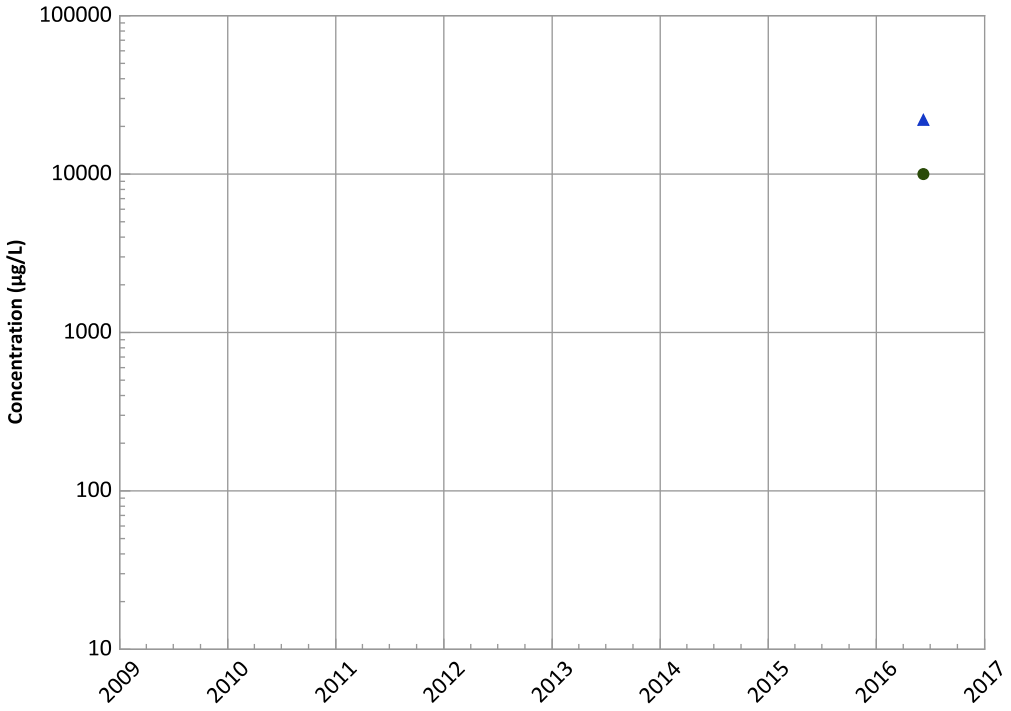
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend

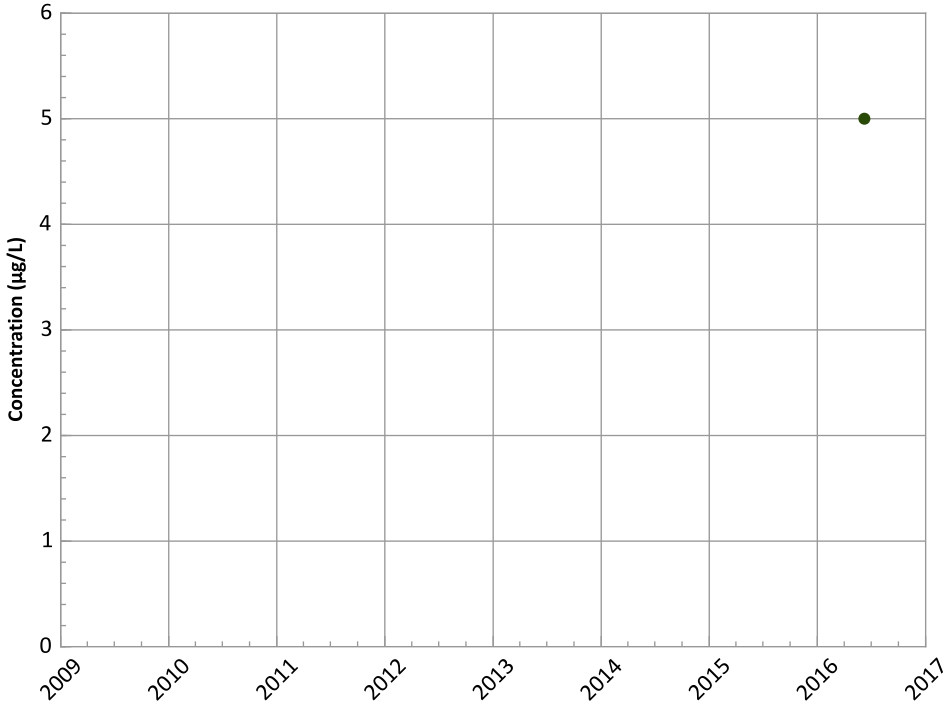


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
N/A (<4 Detections in Dataset)
2014 - 2016 Data:
N/A (<4 Detections in Dataset)

Ethene (Ethylene) Trend

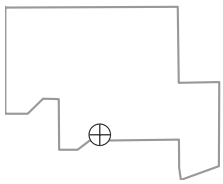


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Well Location

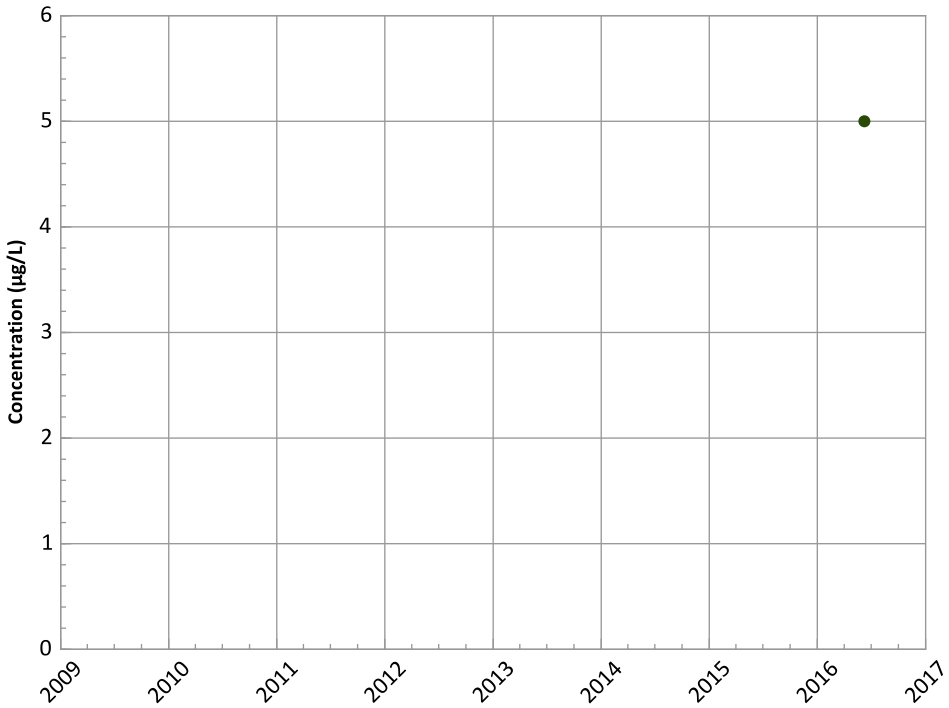


Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethane Trend

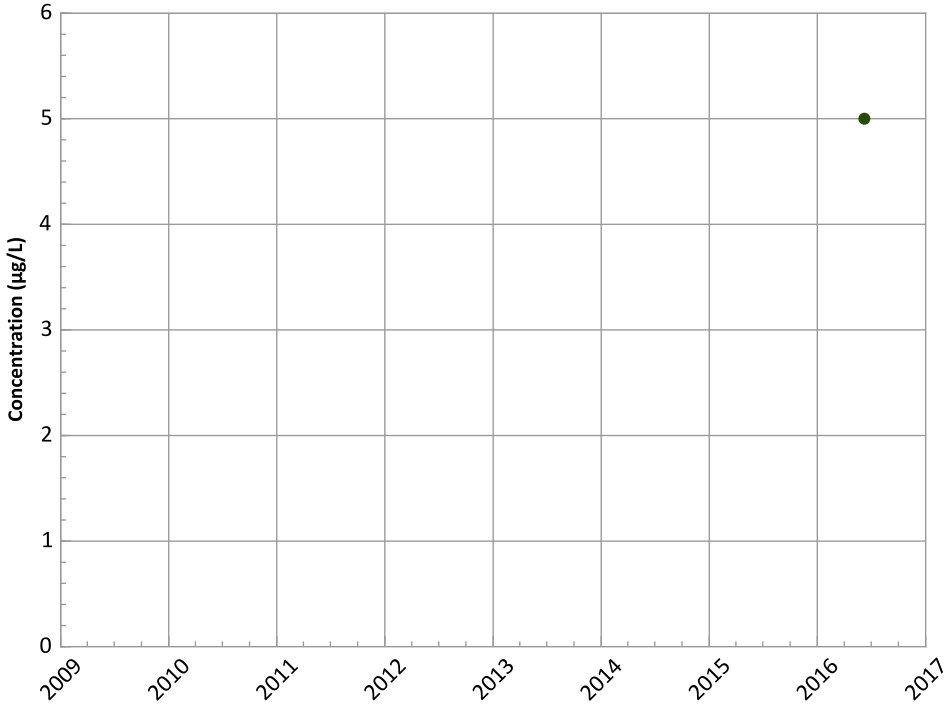


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Methane Trend

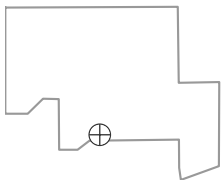


Concentration Trend

MAROS Mann-Kendall Method
All Data
N/A (<4 Samples in Dataset)
2014 - 2016 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data
All Non-Detect
2014 - 2016 Data:
All Non-Detect

Well Location



Query Date Range: 01/01/2009 to 12/31/2016
Data Date Range: 06/08/2016 to 06/08/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Ogallala Aquifer Well Concentration Trends

Well	COC	First_Date	Last_Date	NumS_All Data (AD)	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_Last 4 Samples (L4S)	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_Since Start Remedial Action (SSRA)	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX01-1010	RDX	4/26/2000	9/6/2016	47	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	HMX	4/26/2000	9/6/2016	47	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	TNT	4/26/2000	9/6/2016	47	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	DNT24	4/26/2000	9/6/2016	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	DNT26	4/26/2000	9/6/2016	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	DNT2A	4/26/2000	9/6/2016	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	DNT4A	4/26/2000	9/6/2016	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	TNB135	4/26/2000	9/6/2016	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	DNB13	4/26/2000	9/6/2016	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	PERC	11/1/2001	9/6/2016	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	B	4/26/2000	9/6/2016	39	39	No	0.12419	-228.00	1	Decreasing	4	4	No	0.069492	0.00	0.375	Stable	15	15	No	0.10886611	-45.00	1	Decreasing
PTX01-1010	CR	4/26/2000	9/6/2016	30	25	No	0.58715	52.00	0.817	No Trend	4	2	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	CR-6	11/1/2001	9/6/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	MN	4/26/2000	9/6/2016	34	16	No	4.34702	-103.00	1	Decreasing	4	4	No	0.831412	-4.00	1	Decreasing	8	7	No	0.77579343	-10.00	1	Decreasing
PTX01-1010	NI	4/26/2000	9/6/2016	28	21	No	1.43593	-140.00	1	Decreasing	4	4	No	0.960212	0.00	0.375	Stable	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	SB	4/26/2000	9/6/2016	18	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	AS	4/26/2000	9/6/2016	22	6	No	0.32911	-8.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	6	2	No	0	0.00	0	A (<4 Detections in Datas
PTX01-1010	AL	4/26/2000	1/20/2016	30	12	No	3.1242	-62.00	1	Decreasing	4	4	No	0.709899	2.00	0.625	No Trend	4	4	No	0.70989887	2.00	0.625	No Trend
PTX01-1010	BA	4/26/2000	9/6/2016	41	41	No	0.10176	30.00	1	Increasing	4	4	No	0.07297	-2.00	1	Decreasing	9	9	No	0.0624278	-2.00	1	Decreasing
PTX01-1010	BE	4/26/2000	9/6/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	CA	4/26/2000	1/20/2016	15	15	No	0.1497	45.00	1	Increasing	4	4	No	0.033195	4.00	0.833	No Trend	4	4	No	0.03319545	4.00	0.833	No Trend
PTX01-1010	CD	4/26/2000	9/6/2016	18	2	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	CO	4/26/2000	9/6/2016	18	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	CU	4/26/2000	9/6/2016	18	6	No	0.90589	-33.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	FE	4/26/2000	1/20/2016	30	20	No	2.06455	197.00	1	Increasing	4	4	No	0.230603	0.00	0.375	Stable	4	4	No	0.23060276	0.00	0.375	Stable
PTX01-1010	K	4/26/2000	1/20/2016	15	15	No	0.05571	27.00	0.899	No Trend	4	4	No	0.039184	2.00	0.625	No Trend	4	4	No	0.03918433	2.00	0.625	No Trend
PTX01-1010	MG	4/26/2000	1/20/2016	30	30	No	0.11223	-24.00	1	Decreasing	4	4	No	0.078542	4.00	0.833	No Trend	4	4	No	0.07854233	4.00	0.833	No Trend
PTX01-1010	NA	4/26/2000	1/20/2016	15	15	No	0.89431	-18.00	1	Decreasing	4	4	No	0.157918	-2.00	1	Decreasing	4	4	No	0.15791769	-2.00	1	Decreasing
PTX01-1010	V	4/26/2000	9/6/2016	20	20	No	0.14979	1.00	1	Increasing	4	4	No	0.10609	6.00	0.958	Increasing	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	PB	4/26/2000	9/6/2016	28	7	No	1.02301	4.00	0.523	No Trend	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	HG	11/1/2001	9/6/2016	3	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	SE	4/26/2000	9/6/2016	18	5	No	0.57931	17.00	0.725	No Trend	4	2	No	0	0.00	0	'A (<4 Detections in Datas	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	TL	4/26/2000	9/6/2016	18	9	No	0.92528	21.00	0.773	No Trend	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	ZN	4/26/2000	9/6/2016	18	14	No	1.61788	6.00	0.574	No Trend	4	3	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	DCA11	4/26/2000	9/6/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	DCE11	4/26/2000	9/6/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	PCA	4/26/2000	9/6/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	TC1112	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	TCA111	4/26/2000	9/6/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	TCA112	4/26/2000	9/6/2016	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	ACCN	11/1/2001	9/6/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	ACE	4/26/2000	9/6/2016	35	4	No	0.86611	-226.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	ACRL	11/1/2001	9/6/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	ACRN	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	DCBZ12	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	DCBZ13	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	DCBZ14	4/26/2000	9/6/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	HXO2	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	TCPR123	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	ALLYLCH	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	BZ	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	CDS	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	CLBZ	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	CLEA	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	CTCL	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	TBME	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	CLME	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	TCLME	4/26/2000	9/6/2016	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	CHLOROPRENE	11/1/2001	9/6/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	DBCME	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	FC12	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	EBZ	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	EMETHACRY	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	ISOBTOH	11/1/2001	9/6/2016	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	METHACRN	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	IME	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	MEK	4/26/2000	9/6/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	MIBK	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	MMETHACRY	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	MTLNCL	4/26/2000	9/6/2016	29	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	PCLEA	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	PACN	11/1/2001	9/6/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	STY	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	DIOXANE14	2/21/2002	9/6/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	PCE	4/26/2000	9/6/2016	48	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	TCE	4/26/2000	9/6/2016	48	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	DCE12C	4/26/2000	9/6/2016	48	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	DCA12	4/26/2000	9/6/2016	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	BZME	4/26/2000	9/6/2016	35	5	No	1.58487	-32.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	DCBE14T	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	DCE12T	4/26/2000	9/6/2016	48	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	DCP13T	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	FC11	4/26/2000	9/6/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	VA	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase

PTX01-1010	VC	4/26/2000	9/6/2016	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	XYLENES	8/1/2011	9/6/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	S	8/1/2011	9/6/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	U	8/1/2011	9/6/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	U-233/234	7/28/2004	9/6/2016	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	U-235/236	7/28/2004	9/6/2016	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	U-238	7/28/2004	9/6/2016	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	DBMA	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1010	BRME	4/26/2000	9/6/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	RDX	1/28/2002	10/31/2016	33	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	16	1	No	0	0.00	0	A (<4 Detections in Datas
PTX01-1011	HMX	1/28/2002	8/3/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	TNT	1/28/2002	8/3/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	DNT24	1/28/2002	8/3/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	DNT26	1/28/2002	8/3/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	DNT2A	1/28/2002	8/3/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	DNT4A	1/28/2002	8/3/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	TNB135	1/28/2002	8/3/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	DNB13	1/28/2002	8/3/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	PERC	1/28/2002	8/3/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	B	1/28/2002	8/3/2016	28	28	No	0.08954	-46.00	1	Decreasing	4	4	No	0.063786	5.00	0.8955	No Trend	15	15	No	0.07584782	-4.00	1	Decreasing
PTX01-1011	CR	1/28/2002	8/3/2016	19	18	No	1.93585	-9.00	1	Decreasing	4	4	No	0.292668	0.00	0.375	Stable	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	CR-6	1/28/2002	8/3/2016	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	MN	1/28/2002	8/3/2016	23	17	No	2.18479	-24.00	1	Decreasing	4	4	No	0.831005	-6.00	1	Decreasing	8	7	No	1.15850209	4.00	0.64	No Trend
PTX01-1011	NI	1/28/2002	8/3/2016	17	13	No	1.75551	-48.00	1	Decreasing	4	4	No	0.408349	2.00	0.625	No Trend	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	SB	1/28/2002	8/3/2016	11	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	AS	1/28/2002	8/3/2016	15	8	No	0.16579	6.00	0.596	No Trend	4	3	No	0	0.00	0	'A (<4 Detections in Datas	6	4	No	0.16603306	2.00	0.57	No Trend
PTX01-1011	AL	1/28/2002	1/20/2016	19	6	No	3.92556	-32.00	1	Decreasing	4	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX01-1011	BA	1/28/2002	8/3/2016	26	26	No	0.08837	-114.00	1	Decreasing	4	4	No	0.018993	-1.00	1	Decreasing	9	9	No	0.05238745	6.00	0.694	No Trend
PTX01-1011	BE	1/28/2002	8/3/2016	11	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	CA	1/18/2006	1/20/2016	10	10	No	0.14089	-9.00	1	Decreasing	4	4	No	0.213457	2.00	0.625	No Trend	4	4	No	0.21345674	2.00	0.625	No Trend
PTX01-1011	CD	1/28/2002	8/3/2016	11	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	CO	1/28/2002	8/3/2016	11	3	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	CU	1/28/2002	8/3/2016	11	6	No	2.21607	-19.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	FE	1/28/2002	1/20/2016	19	16	No	3.21516	32.00	0.859	No Trend	4	4	No	0.874186	0.00	0.375	Stable	4	4	No	0.87418638	0.00	0.375	Stable
PTX01-1011	K	1/18/2006	1/20/2016	10	10	No	0.04437	8.00	1	Increasing	4	4	No	0.045538	6.00	0.958	Increasing	4	4	No	0.04553825	6.00	0.958	Increasing
PTX01-1011	MG	1/28/2002	1/20/2016	19	19	No	0.08386	-53.00	1	Decreasing	4	4	No	0.074775	2.00	0.625	No Trend	4	4	No	0.07477494	2.00	0.625	No Trend
PTX01-1011	NA	1/18/2006	1/20/2016	10	10	No	0.06902	-8.00	1	Decreasing	4	4	No	0.101715	2.00	0.625	No Trend	4	4	No	0.10171536	2.00	0.625	No Trend
PTX01-1011	V	1/28/2002	8/3/2016	13	13	No	0.10934	-18.00	1	Decreasing	4	4	No	0.065902	2.00	0.625	No Trend	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	PB	1/28/2002	8/3/2016	16	6	No	1.83244	27.00	0.8765	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	HG	1/28/2002	8/3/2016	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	SE	1/28/2002	8/3/2016	11	7	No	0.42598	13.00	0.821	No Trend	4	3	No	0	0.00	0	'A (<4 Detections in Datas	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	TL	1/28/2002	8/3/2016	11	5	No	1.04563	4.00	0.5895	No Trend	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	ZN	1/28/2002	8/3/2016	11	11	No	2.61317	-1.00	1	Decreasing	4	4	No	0.871821	4.00	0.833	No Trend	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	DCA11	1/28/2002	8/3/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	DCE11	1/28/2002	8/3/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	PCA	1/28/2002	8/3/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	TC1112	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	TCA111	1/28/2002	8/3/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	TCA112	1/28/2002	8/3/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	ACCN	5/6/2002	8/3/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	ACE	1/28/2002	8/3/2016	19	2	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	ACRL	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	ACRN	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	DCBZ12	1/28/2002	8/3/2016	11	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	DCBZ13	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	DCBZ14	8/1/2002	8/3/2016	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	HXO2	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	TCPR123	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	ALLYLCH	5/6/2002	8/3/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	BZ	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	CDS	1/28/2002	8/3/2016	11	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	CLBZ	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	CLEA	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	CTCL	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	TBME	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	CLME	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	TCLME	1/28/2002	8/3/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	CHLOROPRENE	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	DBCME	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	FC12	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	EBZ	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	EMETHACRY	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	ISOBTOH	8/1/2002	8/3/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	METHACRN	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	IME	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	MEK	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	MIBK	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	MMETHACRY	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	MTLNCL	1/28/2002	8/3/2016	16	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	PCLEA	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	PACN	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	STY	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	DIOXANE14	8/1/2002	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	PCE	1/28/2002	8/3/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	TCE	1/28/2002	8/3/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	DCE12C	1/28/2002	8/3/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	DCA12	1/28/2002	8/3/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	BZME	1/28/2002	8/3/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	DCBE14T	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase

PTX01-1011	DCE12T	1/28/2002	8/3/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	DCP13T	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	FC11	1/28/2002	8/3/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	VA	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	VC	1/28/2002	8/3/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	XYLENES	1/28/2002	8/3/2016	3	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	S	8/1/2011	8/3/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	U	8/1/2011	8/3/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	U-233/234	7/28/2004	8/3/2016	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	U-235/236	7/28/2004	8/3/2016	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	U-238	7/28/2004	8/3/2016	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	DBMA	1/28/2002	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1011	BRME	1/28/2002	8/3/2016	11	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX01-1012	RDX	4/28/2003	9/6/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	HMX	4/28/2003	9/6/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	TNT	4/28/2003	9/6/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	DNT24	4/28/2003	9/6/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	DNT26	4/28/2003	9/6/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	DNT2A	4/28/2003	9/6/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	DNT4A	4/28/2003	9/6/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	TNB135	4/28/2003	9/6/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	DNB13	4/28/2003	9/6/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	PERC	4/28/2003	9/6/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	B	4/28/2003	9/6/2016	25	25	No	0.08547	14.00	0.618	No Trend	4	4	No	0.082261	-2.00	1	Decreasing	15	15	No	0.09706751	13.00	0.721	No Trend
PTX01-1012	MN	4/28/2003	9/6/2016	20	16	No	0.72642	-6.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	8	7	No	0.82510532	-2.00	1	Decreasing
PTX01-1012	AS	4/28/2003	9/6/2016	11	5	No	0.27557	-2.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	5	3	No	0	0.00	0	A (<4 Detections in Datas
PTX01-1012	AL	4/28/2003	1/25/2016	16	11	No	0.63959	-21.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX01-1012	BA	4/28/2003	9/6/2016	22	22	No	0.07927	-175.00	1	Decreasing	4	4	No	0.061776	2.00	0.625	No Trend	8	8	No	0.04927366	-6.00	1	Decreasing
PTX01-1012	CA	1/17/2006	1/25/2016	10	10	No	0.10961	-26.00	1	Decreasing	4	4	No	0.142	-4.00	1	Decreasing	4	4	No	0.14199969	-4.00	1	Decreasing
PTX01-1012	FE	4/28/2003	1/25/2016	16	13	No	0.65527	46.00	0.979	Increasing	4	4	No	0.348775	-6.00	1	Decreasing	4	4	No	0.34877517	-6.00	1	Decreasing
PTX01-1012	K	1/17/2006	1/25/2016	10	10	No	0.07156	-15.00	1	Decreasing	4	4	No	0.112465	-4.00	1	Decreasing	4	4	No	0.11246522	-4.00	1	Decreasing
PTX01-1012	MG	4/28/2003	1/25/2016	16	16	No	0.05763	17.00	0.761	No Trend	4	4	No	0.084507	-2.00	1	Decreasing	4	4	No	0.08450704	-2.00	1	Decreasing
PTX01-1012	NA	1/17/2006	1/25/2016	10	10	No	0.06374	7.00	1	Increasing	4	4	No	0.084476	0.00	0.375	Stable	4	4	No	0.08447554	0.00	0.375	Stable
PTX01-1012	TCLME	6/1/2000	9/6/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	DIOXANE14	4/28/2003	9/6/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	PCE	6/1/2000	9/6/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	TCE	6/1/2000	9/6/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	DCE12C	6/1/2000	9/6/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	DCA12	6/1/2000	9/6/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	DCE12T	6/1/2000	9/6/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	VC	6/1/2000	9/6/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	RDX	6/8/2000	8/1/2016	45	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	HMX	6/8/2000	8/1/2016	45	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	TNT	6/8/2000	8/1/2016	45	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	DNT24	6/8/2000	8/1/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	DNT26	6/8/2000	8/1/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	DNT2A	6/8/2000	8/1/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	DNT4A	6/8/2000	8/1/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	TNB135	6/8/2000	8/1/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	DNB13	6/8/2000	8/1/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	PERC	8/21/2001	8/1/2016	45	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	B	6/8/2000	8/1/2016	38	38	No	0.12112	-33.00	1	Decreasing	4	4	No	0.165718	2.00	0.625	No Trend	15	15	No	0.16221479	-15.00	1	Decreasing
PTX01-1013	MN	6/8/2000	8/1/2016	33	20	No	4.20543	-152.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	8	2	No	0	0.00	0	A (<4 Detections in Datas
PTX01-1013	AS	6/8/2000	8/1/2016	20	8	No	0.54643	-9.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	5	3	No	0	0.00	0	A (<4 Detections in Datas
PTX01-1013	AL	6/8/2000	1/25/2016	29	15	No	3.20888	-127.00	1	Decreasing	4	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX01-1013	BA	6/8/2000	8/1/2016	39	39	No	0.06474	-320.00	1	Decreasing	4	4	No	0.036519	2.00	0.625	No Trend	8	8	No	0.04786923	9.00	0.8315	No Trend
PTX01-1013	CA	6/8/2000	1/25/2016	15	15	No	0.09115	-27.00	1	Decreasing	4	4	No	0.015004	0.00	0.375	Stable	4	4	No	0.01500353	0.00	0.375	Stable
PTX01-1013	FE	6/8/2000	1/25/2016	29	24	No	2.9656	88.00	0.948	Probably Increasing	4	4	No	0.454304	0.00	0.375	Stable	4	4	No	0.45430398	0.00	0.375	Stable
PTX01-1013	K	6/8/2000	1/25/2016	15	15	No	0.05293	13.00	0.721	No Trend	4	4	No	0.073201	-4.00	1	Decreasing	4	4	No	0.07320089	-4.00	1	Decreasing
PTX01-1013	MG	6/8/2000	1/25/2016	29	29	No	0.0738	5.00	0.5295	No Trend	4	4	No	0.059853	-2.00	1	Decreasing	4	4	No	0.05985293	-2.00	1	Decreasing
PTX01-1013	NA	6/8/2000	1/25/2016	15	15	No	1.18143	-40.00	1	Decreasing	4	4	No	0.235249	-6.00	1	Decreasing	4	4	No	0.23524883	-6.00	1	Decreasing
PTX01-1013	TCLME	6/1/2000	8/1/2016	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	DIOXANE14	11/20/2002	8/1/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	PCE	6/1/2000	8/1/2016	48	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	TCE	6/1/2000	8/1/2016	48	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	DCE12C	6/1/2000	8/1/2016	47	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	DCA12	6/1/2000	8/1/2016	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	DCE12T	6/1/2000	8/1/2016	47	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	VC	6/1/2000	8/1/2016	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1033	RDX	1/30/1997	10/11/2016	38	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1033	HMX	1/30/1997	10/11/2016	39	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1033	TNT	1/30/1997	10/11/2016	39	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1033	DNT24	1/30/1997	10/11/2016	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1033	DNT26	1/30/1997	10/11/2016	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1033	DNT2A	1/30/1997	10/11/2016	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1033	DNT4A	1/30/1997	10/11/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1033	TNB135	1/30/1997	10/11/2016	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1033	DNB13	1/30/1997	10/11/2016	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1033	PERC	5/3/2001	10/11/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1033	B	1/30/1997	10/11/2016	40	40	No	0.08825	18.00	0.578	No Trend	4	4	No	0.023932	2.00	0.625	No Trend	15	15	No	0.10181482	-19.00	1	Decreasing
PTX06-1033	CR	1/30/1997	10/11/2016	42	42	No	1.93864	51.00	1	Increasing	4	4	No	0.522135	2.00	0.625	No Trend	15	15	No	0.85373781	45.00	1	Increasing
PTX06-1033	CR-6	1/30/1997	10/11/2016	42	11	No	0.37808	20.00	1	Increasing	4	1	No	0	0.00	0	'A (<4 Detections in Datas	15	5	No	0.308221	-41.00	1	Decreasing
PTX06-1033	MN	1/30/1997	10/11/2016	39	32	No	1.33877	164.00	0.976	Increasing	4	4	No	0.42964	4.00	0.833	No Trend	15	13	No	1.03735768	48.00	1	Increasing
PTX06-1033	NI	1/30/1997	10/11/2016	40	38	No	1.06581	-115.00	1	Decreasing	4	4	No	0.220402	0.00	0.375	Stable	15	15	No	0.49988889	27.00	0.899	No Trend
PTX06-1033	MO	1/30/1997	10/11/2016	39	39	No	0.55296	-112.00	1	Decreasing	4	4	No	0.210832	-2.00	1	Decreasing	15	15	No	0.45087106	-57.00	1	Decreasing
PTX06-1033	AS	1/30/1997	10/11/2016	24	17	No	0.69332	-25.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	5	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1033	AL	1/30/1997	5/10/2016	28	10	No	1.09505	-36.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1033	BA	1/30/1997	10/11/2016	33	33	No	0.22303	105.00	0.9465	Probably Increasing	4	4	No	0.056214	1.00	0.5	No Trend	8	8	No	0.05113631	7.00	0.7635	No Trend
PTX06-1033	CA	1/30/1997	5/10/2016	18	18	No	0.13989	-24.00	1	Decreasing	4	4	No	0.197974	2.00	0.625	No Trend	4	4	No	0.1979742	2.00	0.625	No Trend

PTX06-1033	FE	1/30/1997	10/11/2016	39	37	No	2.06101	85.00	0.844	No Trend	4	4	No	0.318744	2.00	0.625	No Trend	15	15	No	0.86849361	29.00	1	Increasing
PTX06-1033	K	1/30/1997	5/10/2016	18	18	No	0.0362	16.00	0.7125	No Trend	4	4	No	0.013865	0.00	0.375	Stable	4	4	No	0.01386462	0.00	0.375	Stable
PTX06-1033	MG	1/30/1997	5/10/2016	28	28	No	0.10392	86.00	0.953	Increasing	4	4	No	0.124912	0.00	0.375	Stable	4	4	No	0.12491208	0.00	0.375	Stable
PTX06-1033	NA	1/30/1997	5/10/2016	18	18	No	0.25263	-71.00	1	Decreasing	4	4	No	0.095832	0.00	0.375	Stable	4	4	No	0.09583178	0.00	0.375	Stable
PTX06-1033	V	1/30/1997	10/11/2016	35	35	No	0.49696	111.00	0.941	Probably Increasing	4	4	No	0.060433	2.00	0.625	No Trend	15	15	No	0.1200142	75.00	1	Increasing
PTX06-1033	TCLME	1/30/1997	10/11/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1033	PCE	1/30/1997	10/11/2016	38	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1033	TCE	1/30/1997	10/11/2016	38	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1033	DCE12C	1/30/1997	10/11/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1033	DCA12	1/30/1997	10/11/2016	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1033	DCE12T	1/30/1997	10/11/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1033	VC	1/30/1997	10/11/2016	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	RDX	10/14/1999	8/16/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	HMX	10/14/1999	8/16/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	TNT	10/14/1999	8/16/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	DNT24	10/14/1999	8/16/2016	28	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	DNT26	10/14/1999	8/16/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	DNT2A	10/14/1999	8/16/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	DNT4A	10/14/1999	8/16/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	TNB135	10/14/1999	8/16/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	DNB13	10/14/1999	8/16/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	PERC	10/14/1999	8/16/2016	26	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	B	10/14/1999	8/16/2016	27	27	No	0.07461	79.00	0.948	Probably Increasing	4	4	No	0.04856	6.00	0.958	Increasing	15	15	No	0.05888724	20.00	0.823	No Trend
PTX06-1043	CR	10/14/1999	8/16/2016	28	24	No	0.40885	111.00	0.9855	Increasing	4	4	No	0.445547	4.00	0.833	No Trend	15	12	No	0.39022602	2.00	0.5195	No Trend
PTX06-1043	CR-6	10/14/1999	8/16/2016	29	6	No	0.29391	19.00	0.631	No Trend	4	2	No	0	0.00	0	'A (<4 Detections in Datas	15	4	No	0.27818428	-32.00	1	Decreasing
PTX06-1043	MN	10/14/1999	8/16/2016	28	8	No	1.21477	-37.00	1	Decreasing	4	1	No	0	0.00	0	'A (<4 Detections in Datas	15	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1043	NI	10/14/1999	8/16/2016	28	20	No	0.99412	-140.00	1	Decreasing	4	4	No	0.366138	6.00	0.958	Increasing	15	14	No	0.35068274	49.00	1	Increasing
PTX06-1043	MO	10/14/1999	8/16/2016	28	27	No	0.46984	-65.00	1	Decreasing	4	4	No	0.025884	0.00	0.375	Stable	15	15	No	0.04239731	-10.00	1	Decreasing
PTX06-1043	AS	10/14/1999	8/16/2016	15	8	No	0.40821	8.00	0.633	No Trend	4	3	No	0	0.00	0	'A (<4 Detections in Datas	5	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1043	AL	10/14/1999	1/25/2016	17	6	No	1.24027	-44.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	BA	10/14/1999	8/16/2016	21	21	No	0.06257	-11.00	1	Decreasing	4	4	No	0.040174	-4.00	1	Decreasing	8	8	No	0.07896441	10.00	0.862	No Trend
PTX06-1043	CA	10/14/1999	1/25/2016	13	13	No	0.33581	-16.00	1	Decreasing	4	4	No	0.503646	4.00	0.833	No Trend	4	4	No	0.50364625	4.00	0.833	No Trend
PTX06-1043	FE	10/14/1999	8/16/2016	28	22	No	0.70755	18.00	0.63	No Trend	4	4	No	0.273853	0.00	0.375	Stable	15	13	No	0.31794281	16.00	0.767	No Trend
PTX06-1043	K	10/14/1999	1/25/2016	13	13	No	0.15038	-30.00	1	Decreasing	4	4	No	0.05661	-6.00	1	Decreasing	4	4	No	0.05661001	-6.00	1	Decreasing
PTX06-1043	MG	10/14/1999	1/25/2016	17	17	No	0.08224	1.00	0.5	No Trend	4	4	No	0.159751	0.00	0.375	Stable	4	4	No	0.15975092	0.00	0.375	Stable
PTX06-1043	NA	10/14/1999	1/25/2016	13	13	No	0.14435	-49.00	1	Decreasing	4	4	No	0.056714	-2.00	1	Decreasing	4	4	No	0.05671405	-2.00	1	Decreasing
PTX06-1043	V	10/14/1999	8/16/2016	26	26	No	0.06508	134.00	0.999	Increasing	4	4	No	0.013297	-6.00	1	Decreasing	15	15	No	0.05039167	13.00	0.721	No Trend
PTX06-1043	TCLME	10/14/1999	8/16/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	PCE	10/14/1999	8/16/2016	28	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	15	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1043	TCE	10/14/1999	8/16/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	DCE12C	2/12/2002	8/16/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	DCA12	10/14/1999	8/16/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	DCE12T	2/12/2002	8/16/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	VC	10/14/1999	8/16/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	RDX	10/13/1999	10/12/2016	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	HMX	10/13/1999	10/12/2016	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	TNT	10/13/1999	10/12/2016	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	DNT24	10/13/1999	10/12/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	DNT26	10/13/1999	10/12/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	DNT2A	10/13/1999	10/12/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	DNT4A	10/13/1999	10/12/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	TNB135	1/25/2000	10/12/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	DNB13	10/13/1999	10/12/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	PERC	10/13/1999	10/12/2016	35	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	B	10/13/1999	10/12/2016	33	33	No	0.10569	42.00	0.736	No Trend	4	4	No	0.038175	4.00	0.833	No Trend	15	15	No	0.05414591	-18.00	1	Decreasing
PTX06-1044	CR	10/13/1999	10/12/2016	36	34	No	3.10892	-103.00	1	Decreasing	4	4	No	0.264296	-2.00	1	Decreasing	15	13	No	0.31213193	-22.00	1	Decreasing
PTX06-1044	CR-6	10/13/1999	10/12/2016	34	8	No	0.23891	-84.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	15	5	No	0.27307917	-53.00	1	Decreasing
PTX06-1044	MN	10/13/1999	10/12/2016	32	18	No	0.60849	-184.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	8	No	0.25183696	32.00	1	Increasing
PTX06-1044	NI	10/13/1999	10/12/2016	34	29	No	2.0721	-343.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	15	13	No	0.25819953	-38.00	1	Decreasing
PTX06-1044	MO	10/13/1999	10/12/2016	32	32	No	0.21326	-185.00	1	Decreasing	4	4	No	0.092368	0.00	0.375	Stable	15	15	No	0.07586555	-41.00	1	Decreasing
PTX06-1044	AS	10/13/1999	10/12/2016	16	12	No	0.32704	-17.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	5	4	No	0.29049868	8.00	0.958	Increasing
PTX06-1044	AL	10/13/1999	6/22/2016	21	9	No	0.83218	-80.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	BA	10/13/1999	10/12/2016	26	26	No	0.05661	-158.00	1	Decreasing	4	4	No	0.012191	1.00	0.5	No Trend	8	8	No	0.03129438	-20.00	1	Decreasing
PTX06-1044	CA	10/13/1999	6/22/2016	16	16	No	0.21773	30.00	0.903	Probably Increasing	4	4	No	0.039835	6.00	0.958	Increasing	4	4	No	0.03983488	6.00	0.958	Increasing
PTX06-1044	FE	10/13/1999	10/12/2016	32	30	No	2.83043	-7.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	15	13	No	0.46485797	-28.00	1	Decreasing
PTX06-1044	K	10/13/1999	6/22/2016	16	16	No	0.05413	-37.00	1	Decreasing	4	4	No	0.052405	-2.00	1	Decreasing	4	4	No	0.05240483	-2.00	1	Decreasing
PTX06-1044	MG	10/13/1999	6/22/2016	21	21	No	0.06712	-68.00	1	Decreasing	4	4	No	0.053164	-1.00	1	Decreasing	4	4	No	0.05316423	-1.00	1	Decreasing
PTX06-1044	NA	10/13/1999	6/22/2016	16	16	No	0.06232	-49.00	1	Decreasing	4	4	No	0.02659	-2.00	1	Decreasing	4	4	No	0.02659047	-2.00	1	Decreasing
PTX06-1044	V	10/13/1999	10/12/2016	28	28	No	0.06961	147.00	0.998	Increasing	4	4	No	0.039952	2.00	0.625	No Trend	15	15	No	0.04374699	-5.00	1	Decreasing
PTX06-1044	TCLME	10/13/1999	10/12/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	PCE	10/13/1999	10/12/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	TCE	10/13/1999	10/12/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	DCE12C	8/1/2002	10/12/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	DCA12	10/13/1999	10/12/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	DCE12T	8/1/2002	10/12/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	VC	10/13/1999	10/12/2016	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	RDX	8/20/2001	10/11/2016	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	HMX	8/20/2001	10/11/2016	38	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	TNT	8/20/2001	10/11/2016	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	DNT24	8/20/2001	10/11/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	DNT26	8/20/2001	10/11/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	DNT2A	8/20/2001	10/11/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	DNT4A	8/20/2001	10/11/2016	35	13	No	0.51199	166.00	0.9905	Increasing	4	4	No	0.082181	2.00	0.625	No Trend	22	13	No	0.29266484	143.00	1	Increasing
PTX06-1056	TNB135	8/20/2001	10/11/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	DNB13	8/20/2001	10/11/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	20	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	B	8/20/2001	7/19/2016	30	30	No	0.11708	-38.00	1	Decreasing	4	4	No	0.092128	-2.00	1	Decreasing	15	15	No	0.10305655	-26.00	1	Decreasing
PTX06-1056	CR	8/20/2001	7/19/2016	30	19	No	0.9855	71.00	0.893	No Trend	4	4	No	0.486756	2.00	0.625	No Trend	15	9	No	0.95690976	-51.00	1	Decreasing
PTX06-1056	CR-6	8/20/2001	7/19/2016	31	4	No	0.27714	-66.00	1	Decreasing	4	1	No	0	0.00	0	'A (<4 Detections in Datas	15	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1056	MN	8/20/2001	7/19/2016	29	11	No	1.26012	-108.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	16	2	No	0	0.00	0	A (<4 Detections in Datas

PTX06-1056	NI	8/20/2001	7/19/2016	28	22	No	0.94425	-159.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	15	12	No	0.85224316	-28.00	1	Decreasing
PTX06-1056	MO	8/20/2001	7/19/2016	28	27	No	0.10316	-70.00	1	Decreasing	4	4	No	0.050429	6.00	0.958	Increasing	15	15	No	0.0539048	-6.00	1	Decreasing
PTX06-1056	AS	8/20/2001	7/19/2016	14	13	No	0.38801	31.00	0.95	Increasing	4	4	No	0.133367	2.00	0.625	No Trend	7	7	No	0.30656593	5.00	0.719	No Trend
PTX06-1056	AL	8/20/2001	1/19/2016	17	6	No	0.88617	-25.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	BA	8/20/2001	7/19/2016	23	23	No	0.19987	126.00	1	Increasing	4	4	No	0.041915	3.00	0.729	No Trend	9	9	No	0.11967855	27.00	0.998	Increasing
PTX06-1056	CA	1/31/2006	1/19/2016	10	10	No	0.35236	36.00	1	Increasing	4	4	No	0.106431	2.00	0.625	No Trend	4	4	No	0.10643097	2.00	0.625	No Trend
PTX06-1056	FE	8/20/2001	7/19/2016	28	21	No	0.45876	38.00	0.766	No Trend	4	2	No	0	0.00	0	'A (<4 Detections in Datas	15	12	No	0.42505508	-36.00	1	Decreasing
PTX06-1056	K	1/31/2006	1/19/2016	10	10	No	0.04478	-21.00	1	Decreasing	4	4	No	0.048851	-2.00	1	Decreasing	4	4	No	0.04885109	-2.00	1	Decreasing
PTX06-1056	MG	8/20/2001	1/19/2016	17	17	No	0.06818	-18.00	1	Decreasing	4	4	No	0.112507	-2.00	1	Decreasing	4	4	No	0.11250655	-2.00	1	Decreasing
PTX06-1056	NA	1/31/2006	1/19/2016	10	10	No	0.15217	-23.00	1	Decreasing	4	4	No	0.231568	-4.00	1	Decreasing	4	4	No	0.23156837	-4.00	1	Decreasing
PTX06-1056	V	8/20/2001	7/19/2016	24	24	No	0.15702	39.00	0.825	No Trend	4	4	No	0.033608	-5.00	1	Decreasing	15	15	No	0.15291869	-46.00	1	Decreasing
PTX06-1056	TCLME	8/9/2000	10/11/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	18	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	PCE	8/9/2000	10/11/2016	37	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	18	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1056	TCE	8/9/2000	10/11/2016	38	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	18	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	DCE12C	8/20/2001	10/11/2016	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	18	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	DCA12	8/9/2000	10/11/2016	33	5	No	0.82424	-84.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	18	5	No	0.1242502	-24.00	1	Decreasing
PTX06-1056	DCE12T	8/20/2001	10/11/2016	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	18	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	VC	8/9/2000	10/11/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	18	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	RDX	8/13/2001	4/12/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	HMX	8/13/2001	4/12/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	TNT	8/13/2001	4/12/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	DNT24	8/13/2001	4/12/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	DNT26	8/13/2001	4/12/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	DNT2A	8/13/2001	4/12/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	DNT4A	8/13/2001	4/12/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	TNB135	8/13/2001	4/12/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	DNB13	8/13/2001	4/12/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	PERC	8/13/2001	4/12/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	B	8/13/2001	4/12/2016	20	20	No	0.11378	-34.00	1	Decreasing	4	4	No	0.033322	2.00	0.625	No Trend	7	7	No	0.06887313	-7.00	1	Decreasing
PTX06-1057A	CR	8/13/2001	4/12/2016	18	16	No	1.19965	-80.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	CR-6	8/13/2001	4/12/2016	16	3	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	MN	8/13/2001	4/12/2016	20	19	No	2.00633	-130.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	5	4	No	0.46716918	-2.00	1	Decreasing
PTX06-1057A	NI	8/13/2001	4/12/2016	17	15	No	1.4495	-100.00	1	Decreasing	4	4	No	0.192416	-4.00	1	Decreasing	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	SB	8/13/2001	4/12/2016	11	2	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	AS	8/13/2001	4/12/2016	12	7	No	0.52662	-16.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	3	3	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	AL	8/13/2001	4/12/2016	20	19	No	2.05785	-110.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1057A	BA	8/13/2001	4/12/2016	23	23	No	0.42201	-109.00	1	Decreasing	4	4	No	0.038811	4.00	0.833	No Trend	6	6	No	0.03993675	9.00	0.932	Probably Increasing
PTX06-1057A	BE	8/13/2001	4/12/2016	11	3	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	CA	4/20/2006	4/12/2016	10	10	No	0.05828	17.00	0.922	Probably Increasing	4	4	No	0.01931	2.00	0.625	No Trend	4	4	No	0.01931034	2.00	0.625	No Trend
PTX06-1057A	CD	8/13/2001	4/12/2016	11	2	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	CO	8/13/2001	4/12/2016	11	6	No	0.57647	-21.00	1	Decreasing	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	CU	8/13/2001	4/12/2016	11	6	No	1.12142	-36.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	FE	8/13/2001	4/12/2016	19	19	No	1.94883	-89.00	1	Decreasing	4	4	No	0.476292	0.00	0.375	Stable	4	4	No	0.47629193	0.00	0.375	Stable
PTX06-1057A	K	4/20/2006	4/12/2016	10	10	No	0.03107	2.00	1	Increasing	4	4	No	0.021349	-2.00	1	Decreasing	4	4	No	0.02134864	-2.00	1	Decreasing
PTX06-1057A	MG	8/13/2001	4/12/2016	19	19	No	0.10928	-91.00	1	Decreasing	4	4	No	0.060162	2.00	0.625	No Trend	4	4	No	0.06016212	2.00	0.625	No Trend
PTX06-1057A	NA	4/20/2006	4/12/2016	10	10	No	0.08217	-25.00	1	Decreasing	4	4	No	0.051652	5.00	0.8955	No Trend	4	4	No	0.05165216	5.00	0.8955	No Trend
PTX06-1057A	V	8/13/2001	4/12/2016	13	13	No	0.50488	-38.00	1	Decreasing	4	4	No	0.054893	-4.00	1	Decreasing	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	PB	8/13/2001	4/12/2016	16	12	No	1.42681	-10.00	1	Decreasing	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	HG	8/13/2001	4/12/2016	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	SE	8/13/2001	4/12/2016	11	7	No	0.37304	-4.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	TL	8/13/2001	4/12/2016	11	3	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	ZN	8/13/2001	4/12/2016	11	9	No	1.21816	-15.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	DCA11	8/13/2001	4/12/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	DCE11	8/13/2001	4/12/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	PCA	8/13/2001	4/12/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	TC1112	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	TCA111	8/13/2001	4/12/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	TCA112	8/13/2001	4/12/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	ACCN	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	ACE	8/13/2001	4/12/2016	19	3	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	ACRL	8/13/2001	4/12/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	ACRN	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	DCBZ12	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	DCBZ13	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	DCBZ14	8/13/2001	4/12/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	HXO2	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	TCPR123	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	ALLYLCH	8/13/2001	4/12/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	BZ	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	CDS	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	CLBZ	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	CLEA	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	CTCL	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	TBME	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	CLME	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	TCLME	8/13/2001	4/12/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	CHLOROPRENE	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	DBCME	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	FC12	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	EBZ	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	EMETHACRY	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	ISOBTOH	8/13/2001	4/12/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	METHACRN	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	IME	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	MEK	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	MIBK	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	MMETHACRY	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	MTLNCL	8/13/2001	4/12/2016	16	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	PCLEA	10/29/2001	4/12/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase

PTX06-1057A	PACN	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	STY	8/13/2001	4/12/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	DIOXANE14	8/13/2001	4/12/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	3	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	PCE	8/13/2001	4/12/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	TCE	8/13/2001	4/12/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	DCE12C	8/13/2001	4/12/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	DCA12	8/13/2001	4/12/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	BZME	8/13/2001	4/12/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	DCBE14T	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	DCE12T	8/13/2001	4/12/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	DCP13T	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	FC11	8/13/2001	4/12/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	VA	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	VC	8/13/2001	4/12/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	XYLENES	2/13/2002	4/12/2016	3	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	S	4/12/2011	4/12/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	U	4/12/2011	4/12/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	U-233/234	4/12/2011	4/12/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	U-235/236	4/12/2011	4/12/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	U-238	4/12/2011	4/12/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	DBMA	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1057A	BRME	8/13/2001	4/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	RDX	4/4/2001	7/18/2016	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	HMX	4/4/2001	7/18/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	TNT	4/4/2001	7/18/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	DNT24	4/4/2001	7/18/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	DNT26	4/4/2001	7/18/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	DNT2A	4/4/2001	7/18/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	DNT4A	4/4/2001	7/18/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	TNB135	4/4/2001	7/18/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	DNB13	4/4/2001	7/18/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	PERC	4/4/2001	7/18/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	B	4/4/2001	7/18/2016	20	20	No	0.09292	16.00	0.685	No Trend	4	4	No	0.046438	4.00	0.833	No Trend	7	7	No	0.05028914	-5.00	1	Decreasing
PTX06-1058	CR	4/4/2001	7/18/2016	24	23	No	2.98105	52.00	0.896	No Trend	4	4	No	1.37122	-4.00	1	Decreasing	6	6	No	0.87885962	-7.00	1	Decreasing
PTX06-1058	CR-6	4/4/2001	7/18/2016	20	2	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	MN	4/4/2001	7/18/2016	21	13	No	1.14996	10.00	0.606	No Trend	4	4	No	0.546821	-4.00	1	Decreasing	6	6	No	0.75199605	-11.00	1	Decreasing
PTX06-1058	NI	4/4/2001	7/18/2016	21	16	No	0.72974	-28.00	1	Decreasing	4	4	No	0.931865	-6.00	1	Decreasing	6	6	No	0.72645458	-13.00	1	Decreasing
PTX06-1058	MO	4/4/2001	7/18/2016	20	20	No	0.09932	-43.00	1	Decreasing	4	4	No	0.063456	0.00	0.375	Stable	5	5	No	0.0741222	4.00	0.758	No Trend
PTX06-1058	SB	4/4/2001	7/18/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	AS	4/4/2001	7/18/2016	13	12	No	0.25745	-8.00	1	Decreasing	4	4	No	0.134074	-2.00	1	Decreasing	4	4	No	0.13407404	-2.00	1	Decreasing
PTX06-1058	AL	4/4/2001	7/18/2016	19	10	No	1.32386	8.00	0.5955	No Trend	4	3	No	0	0.00	0	'A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1058	BA	4/4/2001	7/18/2016	22	22	No	0.07659	-34.00	1	Decreasing	4	4	No	0.035034	0.00	0.375	Stable	6	6	No	0.08008226	-1.00	1	Decreasing
PTX06-1058	BE	4/4/2001	7/18/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	CA	4/4/2001	7/18/2016	11	11	No	0.26161	35.00	0.997	Increasing	4	4	No	0.046673	-2.00	1	Decreasing	4	4	No	0.04667319	-2.00	1	Decreasing
PTX06-1058	CD	4/4/2001	7/18/2016	11	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	CO	4/4/2001	7/18/2016	11	2	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	CU	4/4/2001	7/18/2016	11	8	No	1.03314	-10.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	FE	4/4/2001	7/18/2016	21	17	No	0.97806	93.00	1	Increasing	4	4	No	0.734665	-4.00	1	Decreasing	6	6	No	0.62722003	-9.00	1	Decreasing
PTX06-1058	K	4/4/2001	7/18/2016	11	11	No	0.04875	-7.00	1	Decreasing	4	4	No	0.057333	-2.00	1	Decreasing	4	4	No	0.05733287	-2.00	1	Decreasing
PTX06-1058	MG	4/4/2001	7/18/2016	19	19	No	0.07194	-34.00	1	Decreasing	4	4	No	0.099877	0.00	0.375	Stable	4	4	No	0.09987704	0.00	0.375	Stable
PTX06-1058	NA	4/4/2001	7/18/2016	11	11	No	0.0314	-4.00	1	Decreasing	4	4	No	0.045051	-2.00	1	Decreasing	4	4	No	0.04505096	-2.00	1	Decreasing
PTX06-1058	V	8/13/2001	7/18/2016	16	16	No	0.12626	-25.00	1	Decreasing	4	4	No	0.259527	-2.00	1	Decreasing	6	6	No	0.20872903	-5.00	1	Decreasing
PTX06-1058	PB	4/4/2001	7/18/2016	16	3	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	HG	4/4/2001	7/18/2016	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	SE	4/4/2001	7/18/2016	11	9	No	0.44611	7.00	0.676	No Trend	4	3	No	0	0.00	0	'A (<4 Detections in Datas	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	TL	4/4/2001	7/18/2016	11	3	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	ZN	8/13/2001	7/18/2016	10	10	No	1.09402	-3.00	1	Decreasing	4	4	No	0.91589	2.00	0.625	No Trend	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	DCA11	4/4/2001	7/18/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	DCE11	4/4/2001	7/18/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	PCA	4/4/2001	7/18/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	TC1112	4/4/2001	7/18/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	TCA111	4/4/2001	7/18/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	TCA112	4/4/2001	7/18/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	ACCN	8/13/2001	7/18/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	ACE	4/4/2001	7/18/2016	19	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	ACRL	8/13/2001	7/18/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	ACRN	8/13/2001	7/18/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	DCBZ12	4/4/2001	7/18/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	DCBZ13	4/4/2001	7/18/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	DCBZ14	4/4/2001	7/18/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	HXO2	8/13/2001	7/18/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	TCPR123	4/4/2001	7/18/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	ALLYLCH	8/13/2001	7/18/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	BZ	4/4/2001	7/18/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	CDS	8/13/2001	7/18/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	CLBZ	4/4/2001	7/18/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	CLEA	4/4/2001	7/18/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	CTCL	4/4/2001	7/18/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	TBME	4/4/2001	7/18/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	CLME	4/4/2001	7/18/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	TCLME	4/4/2001	7/18/2016	19	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	CHLOROPRENE	8/13/2001	7/18/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	DBCME	4/4/2001	7/18/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	FC12	4/4/2001	7/18/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	EBZ	4/4/2001	7/18/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	EMETHACRY	8/13/2001	7/18/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	ISOBTOH	8/13/2001	7/18/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	METHACRN	8/13/2001	7/18/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	IME	8/13/2001	7/18/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase

PTX06-1058	MEK	8/13/2001	7/18/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	MIBK	8/13/2001	7/18/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	MMETHACRY	8/13/2001	7/18/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	MTLNCL	4/4/2001	7/18/2016	19	3	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	PCLEA	10/18/2001	7/18/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	PACN	8/13/2001	7/18/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	STY	4/4/2001	7/18/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	DIOXANE14	8/13/2001	7/18/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	PCE	4/4/2001	7/18/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	TCE	4/4/2001	7/18/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	DCE12C	8/13/2001	7/18/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	DCA12	4/4/2001	7/18/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	BZME	4/4/2001	7/18/2016	19	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	DCBE14T	8/13/2001	7/18/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	DCE12T	8/13/2001	7/18/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	DCP13T	4/4/2001	7/18/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	FC11	4/4/2001	7/18/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	VA	8/13/2001	7/18/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	VC	4/4/2001	7/18/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	XYLENES	4/4/2001	7/18/2016	3	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	S	4/12/2011	7/18/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	U	6/3/2002	7/18/2016	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	U-233/234	4/12/2011	7/18/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	U-235/236	4/12/2011	7/18/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	U-238	4/12/2011	7/18/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	DBMA	4/4/2001	7/18/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1058	BRME	4/4/2001	7/18/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1061	RDX	4/28/2003	4/11/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	HMX	4/28/2003	4/11/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	TNT	4/28/2003	4/11/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	DNT24	4/28/2003	4/11/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	DNT26	4/28/2003	4/11/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	DNT2A	4/28/2003	4/11/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	DNT4A	4/28/2003	4/11/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	TNB135	4/28/2003	4/11/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	DNB13	4/28/2003	4/11/2016	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	PERC	4/28/2003	4/11/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	B	4/28/2003	4/11/2016	19	19	No	0.1028	-9.00	1	Decreasing	4	4	No	0.083605	-4.00	1	Decreasing	8	8	No	0.11292809	3.00	0.594	No Trend
PTX06-1061	CR-6	4/28/2003	9/20/2016	12	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	1	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1061	MN	4/28/2003	4/11/2016	18	7	No	0.29667	-20.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	5	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1061	AS	4/28/2003	4/11/2016	9	2	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1061	AL	4/28/2003	4/11/2016	17	8	No	1.28368	-14.00	1	Decreasing	4	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1061	BA	4/28/2003	4/11/2016	20	20	No	0.10133	55.00	0.96	Increasing	4	4	No	0.110272	-2.00	1	Decreasing	5	5	No	0.09827639	-2.00	1	Decreasing
PTX06-1061	CA	4/26/2006	4/11/2016	10	10	No	0.35448	15.00	0.892	No Trend	4	4	No	0.289444	4.00	0.833	No Trend	4	4	No	0.28944353	4.00	0.833	No Trend
PTX06-1061	FE	4/28/2003	4/11/2016	17	15	No	0.73509	53.00	0.9845	Increasing	4	4	No	0.914838	2.00	0.625	No Trend	4	4	No	0.91483804	2.00	0.625	No Trend
PTX06-1061	K	4/26/2006	4/11/2016	10	10	No	0.06475	-11.00	1	Decreasing	4	4	No	0.096266	-2.00	1	Decreasing	4	4	No	0.09626597	-2.00	1	Decreasing
PTX06-1061	MG	4/28/2003	4/11/2016	17	17	No	0.08955	22.00	0.804	No Trend	4	4	No	0.103601	-4.00	1	Decreasing	4	4	No	0.10360127	-4.00	1	Decreasing
PTX06-1061	NA	4/26/2006	4/11/2016	10	10	No	0.07145	-20.00	1	Decreasing	4	4	No	0.096502	-4.00	1	Decreasing	4	4	No	0.09650211	-4.00	1	Decreasing
PTX06-1061	TCLME	4/28/2003	4/11/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	DIOXANE14	4/28/2003	4/11/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1061	PCE	4/28/2003	4/11/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	TCE	4/28/2003	4/11/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	DCE12C	4/28/2003	4/11/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	DCA12	4/28/2003	4/11/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	DCE12T	4/28/2003	4/11/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	VC	4/28/2003	4/11/2016	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	RDX	8/21/2001	10/31/2016	47	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	16	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1062A	HMX	8/21/2001	8/3/2016	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	TNT	8/21/2001	8/3/2016	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	DNT24	8/21/2001	8/3/2016	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	DNT26	8/21/2001	8/3/2016	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	DNT2A	8/21/2001	8/3/2016	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	DNT4A	8/21/2001	8/3/2016	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	TNB135	8/21/2001	8/3/2016	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	DNB13	8/21/2001	8/3/2016	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	PERC	8/21/2001	8/3/2016	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	B	8/21/2001	8/3/2016	39	39	No	0.08995	-102.00	1	Decreasing	4	4	No	0.085474	4.00	0.833	No Trend	15	15	No	0.09684921	-3.00	1	Decreasing
PTX06-1062A	CR	8/21/2001	8/3/2016	35	35	No	0.79196	173.00	0.993	Increasing	4	4	No	0.534064	-4.00	1	Decreasing	4	4	No	0.53406438	-4.00	1	Decreasing
PTX06-1062A	CR-6	8/21/2001	8/3/2016	27	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	3	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	MN	8/21/2001	8/3/2016	33	22	No	2.14064	-47.00	1	Decreasing	4	4	No	0.99486	-2.00	1	Decreasing	8	8	No	0.97496634	2.00	0.548	No Trend
PTX06-1062A	NI	8/21/2001	8/3/2016	27	22	No	1.31952	-83.00	1	Decreasing	4	4	No	0.247394	2.00	0.625	No Trend	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	SB	8/21/2001	8/3/2016	17	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	AS	8/21/2001	8/3/2016	21	7	No	0.39162	20.00	0.715	No Trend	4	2	No	0	0.00	0	'A (<4 Detections in Datas	6	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1062A	AL	8/21/2001	2/1/2016	30	20	No	3.06823	-133.00	1	Decreasing	4	4	No	0.496025	6.00	0.958	Increasing	4	4	No	0.49602547	6.00	0.958	Increasing
PTX06-1062A	BA	8/21/2001	8/3/2016	40	40	No	0.06116	-283.00	1	Decreasing	4	4	No	0.047249	2.00	0.625	No Trend	9	9	No	0.06631993	-5.00	1	Decreasing
PTX06-1062A	BE	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	CA	1/18/2006	2/1/2016	14	14	No	0.23208	24.00	0.8935	No Trend	4	4	No	0.263431	4.00	0.833	No Trend	4	4	No	0.26343066	4.00	0.833	No Trend
PTX06-1062A	CD	8/21/2001	8/3/2016	17	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	CO	8/21/2001	8/3/2016	17	4	No	0.47092	-14.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	CU	8/21/2001	8/3/2016	17	7	No	2.12219	-64.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	FE	8/21/2001	2/1/2016	29	22	No	2.2791	119.00	0.987	Increasing	4	4	No	0.340366	4.00	0.833	No Trend	4	4	No	0.34036601	4.00	0.833	No Trend
PTX06-1062A	K	1/18/2006	2/1/2016	14	14	No	0.04017	9.00	0.666	No Trend	4	4	No	0.059431	-2.00	1	Decreasing	4	4	No	0.05943102	-2.00	1	Decreasing
PTX06-1062A	MG	8/21/2001	2/1/2016	29	29	No	0.07427	-14.00	1	Decreasing	4	4	No	0.070922	-2.00	1	Decreasing	4	4	No	0.07092241	-2.00	1	Decreasing
PTX06-1062A	NA	1/18/2006	2/1/2016	14	14	No	0.07381	-17.00	1	Decreasing	4	4	No	0.124747	2.00	0.625	No Trend	4	4	No	0.12474744	2.00	0.625	No Trend
PTX06-1062A	V	8/21/2001	8/3/2016	19	19	No	0.2151	70.00	0.993	Increasing	4	4	No	0.190791	4.00	0.833	No Trend	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	PB	8/21/2001	8/3/2016	27	9	No	0.78138	25.00	0.69	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	HG	8/21/2001	8/3/2016	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	SE	8/21/2001	8/3/2016	17	8	No	0.69196	26.00	0.846	No Trend	4	3	No	0	0.00	0	'A (<4 Detections in Datas	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	TL	8/21/2001	8/3/2016	17	10	No	1.23507	26.00	0.846	No Trend	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase

PTX06-1062A	ZN	8/21/2001	8/3/2016	17	15	No	1.49389	-18.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	DCA11	8/21/2001	8/3/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	DCE11	8/21/2001	8/3/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	PCA	8/21/2001	8/3/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	TC1112	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	TCA111	8/21/2001	8/3/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	TCA112	8/21/2001	8/3/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	ACCN	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	ACE	8/21/2001	8/3/2016	33	2	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	ACRL	8/21/2001	8/3/2016	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	ACRN	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	DCBZ12	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	DCBZ13	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	DCBZ14	8/2/2002	8/3/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	HXO2	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	TCPR123	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	ALLYLCH	8/21/2001	8/3/2016	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	BZ	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	CDS	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	CLBZ	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	CLEA	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	CTCL	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	TBME	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	CLME	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	TCLME	8/21/2001	8/3/2016	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	CHLOROPRENE	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	DBCME	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	FC12	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	EBZ	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	EMETHACRY	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	ISOBTOH	8/21/2001	8/3/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	METHACRN	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	IME	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	MEK	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	MIBK	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	MMETHACRY	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	MTLNCL	8/21/2001	8/3/2016	27	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	PCLEA	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	PACN	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	STY	8/21/2001	8/3/2016	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	DIOXANE14	8/2/2002	8/3/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	PCE	8/21/2001	8/3/2016	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	TCE	8/21/2001	8/3/2016	47	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	DCE12C	8/21/2001	8/3/2016	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	DCA12	8/21/2001	8/3/2016	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	BZME	8/21/2001	8/3/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	DCBE14T	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	DCE12T	8/21/2001	8/3/2016	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	DCP13T	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	FC11	8/21/2001	8/3/2016	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	VA	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	VC	8/21/2001	8/3/2016	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	XYLENES	2/13/2002	8/3/2016	3	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	S	8/1/2011	8/3/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	U	8/1/2011	8/3/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	U-233/234	7/28/2004	8/3/2016	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	U-235/236	7/28/2004	8/3/2016	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	U-238	7/28/2004	8/3/2016	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	DBMA	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1062A	BRME	8/21/2001	8/3/2016	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	RDX	4/21/2003	11/29/2016	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	HMX	4/21/2003	11/29/2016	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	TNT	4/21/2003	11/29/2016	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	DNT24	4/21/2003	11/29/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	DNT26	4/21/2003	11/29/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	DNT2A	4/21/2003	11/29/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	DNT4A	4/21/2003	11/29/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	TNB135	4/21/2003	11/29/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	DNB13	4/21/2003	11/29/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	PERC	4/21/2003	11/29/2016	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	B	4/21/2003	11/29/2016	33	33	No	0.08989	21.00	0.621	No Trend	4	4	No	0.041154	1.00	0.5	No Trend	15	15	No	0.09476651	3.00	0.539	No Trend
PTX06-1064	CR	4/21/2003	11/29/2016	28	27	No	0.29388	78.00	0.935	Probably Increasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	CR-6	4/21/2003	11/29/2016	24	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	3	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	MN	4/21/2003	11/29/2016	28	14	No	0.29335	-88.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	8	5	No	0.31229737	5.00	0.683	No Trend
PTX06-1064	NI	4/21/2003	11/29/2016	22	16	No	0.46672	-84.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	SB	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	AS	4/21/2003	11/29/2016	16	8	No	0.43979	13.00	0.7025	No Trend	4	3	No	0	0.00	0	'A (<4 Detections in Datas	6	4	No	0.23688769	4.00	0.7025	No Trend
PTX06-1064	AL	4/21/2003	2/10/2016	24	11	No	0.92778	-91.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1064	BA	4/21/2003	11/29/2016	35	35	No	0.06925	27.00	0.643	No Trend	4	4	No	0.063141	0.00	0.375	Stable	9	9	No	0.05482998	0.00	0.46	Stable
PTX06-1064	BE	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	CA	1/17/2006	2/10/2016	14	14	No	0.08277	32.00	0.955	Increasing	4	4	No	0.054198	0.00	0.375	Stable	4	4	No	0.05419838	0.00	0.375	Stable
PTX06-1064	CD	4/21/2003	11/29/2016	12	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	CO	4/21/2003	11/29/2016	12	4	No	0.57293	-18.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	CU	4/21/2003	11/29/2016	12	5	No	0.69687	-18.00	1	Decreasing	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	FE	4/21/2003	2/10/2016	24	16	No	0.5919	106.00	0.996	Increasing	4	4	No	0.302097	-5.00	1	Decreasing	4	4	No	0.3020973	-5.00	1	Decreasing
PTX06-1064	K	1/17/2006	2/10/2016	14	14	No	0.07564	-3.00	1	Decreasing	4	4	No	0.073207	0.00	0.375	Stable	4	4	No	0.07320686	0.00	0.375	Stable
PTX06-1064	MG	4/21/2003	2/10/2016	24	24	No	0.07817	-8.00	1	Decreasing	4	4	No	0.054803	-2.00	1	Decreasing	4	4	No	0.05480254	-2.00	1	Decreasing
PTX06-1064	NA	1/17/2006	2/10/2016	14	14	No	0.10824	-5.00	1	Decreasing	4	4	No	0.145018	-2.00	1	Decreasing	4	4	No	0.14501833	-2.00	1	Decreasing
PTX06-1064	V	4/21/2003	11/29/2016	14	14	No	0.07137	-11.00	1	Decreasing	4	4	No	0.046293	4.00	0.833	No Trend	2	2	No	0	0.00	0	I/A (<4 Samples in Datase

PTX06-1064	PB	4/21/2003	11/29/2016	22	8	No	0.66157	98.00	1	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	HG	7/28/2011	11/29/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	SE	4/21/2003	11/29/2016	12	8	No	0.40677	7.00	0.656	No Trend	4	3	No	0	0.00	0	'A (<4 Detections in Datas	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	TL	4/21/2003	11/29/2016	12	4	No	0.93544	25.00	0.9495	Probably Increasing	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	ZN	4/21/2003	11/29/2016	12	11	No	0.96845	-25.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	DCA11	4/21/2003	11/29/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	DCE11	4/21/2003	11/29/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	PCA	4/21/2003	11/29/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	TC1112	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	TCA111	4/21/2003	11/29/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	TCA112	4/21/2003	11/29/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	ACCN	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	ACE	4/21/2003	11/29/2016	28	3	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	ACRL	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	ACRN	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	DCBZ12	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	DCBZ13	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	DCBZ14	5/21/2003	11/29/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	HXO2	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	TCPR123	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	ALLYLCH	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	BZ	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	CDS	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	CLBZ	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	CLEA	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	CTCL	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	TBME	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	CLME	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	TCLME	4/21/2003	11/29/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	CHLOROPRENE	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	DBCME	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	FC12	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	EBZ	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	EMETHACRY	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	ISOBTOH	4/21/2003	11/29/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	METHACRN	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	IME	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	MEK	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	MIBK	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	MMETHACRY	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	MTLNCL	4/21/2003	11/29/2016	22	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	PCLEA	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	PACN	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	STY	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	DIOXANE14	5/21/2003	11/29/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	PCE	4/21/2003	11/29/2016	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	TCE	4/21/2003	11/29/2016	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	DCE12C	4/21/2003	11/29/2016	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	DCA12	4/21/2003	11/29/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	BZME	4/21/2003	11/29/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	DCBE14T	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	DCE12T	4/21/2003	11/29/2016	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	DCP13T	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	FC11	4/21/2003	11/29/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	VA	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	VC	4/21/2003	11/29/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	XYLENES	7/28/2011	11/29/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	S	7/28/2011	11/29/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	U	7/28/2011	11/29/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	U-233/234	8/11/2004	11/29/2016	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	U-235/236	8/11/2004	11/29/2016	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	U-238	8/11/2004	11/29/2016	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	DBMA	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1064	BRME	4/21/2003	11/29/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	RDX	11/13/2002	10/12/2016	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	HMX	11/13/2002	10/12/2016	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	TNT	11/13/2002	10/12/2016	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	DNT24	11/13/2002	10/12/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	DNT26	11/13/2002	10/12/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	DNT2A	11/13/2002	10/12/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	DNT4A	11/13/2002	10/12/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	TNB135	11/13/2002	10/12/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	DNB13	11/13/2002	10/12/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	PERC	8/26/2002	10/12/2016	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	B	8/26/2002	10/12/2016	35	35	No	0.14758	-32.00	1	Decreasing	4	4	No	0.056771	4.00	0.833	No Trend	15	15	No	0.20415483	-27.00	1	Decreasing
PTX06-1068	CR	8/26/2002	10/12/2016	42	41	No	0.74463	125.00	1	Increasing	4	4	No	0.16926	-4.00	1	Decreasing	14	13	No	0.92113833	-49.00	1	Decreasing
PTX06-1068	CR-6	8/26/2002	10/12/2016	44	11	No	0.41277	155.00	1	Increasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	14	7	No	0.59356128	-58.00	1	Decreasing
PTX06-1068	MN	8/26/2002	10/12/2016	35	26	No	0.42897	-211.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	13	10	No	0.4188066	-27.00	1	Decreasing
PTX06-1068	NI	8/26/2002	10/12/2016	29	26	No	0.73536	-133.00	1	Decreasing	4	4	No	0.234193	-2.00	1	Decreasing	7	7	No	0.24689425	-3.00	1	Decreasing
PTX06-1068	SB	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	AS	8/26/2002	10/12/2016	17	5	No	0.40703	15.00	0.715	No Trend	4	2	No	0	0.00	0	'A (<4 Detections in Datas	5	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1068	AL	8/26/2002	6/22/2016	26	19	No	0.7227	-93.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1068	BA	8/26/2002	10/12/2016	32	32	No	0.14192	-118.00	1	Decreasing	4	4	No	0.018557	1.00	0.5	No Trend	8	8	No	0.13730955	1.00	0.5	No Trend
PTX06-1068	BE	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	CA	1/19/2006	6/22/2016	14	14	No	0.22458	15.00	0.775	No Trend	4	4	No	0.41193	4.00	0.833	No Trend	4	4	No	0.41192957	4.00	0.833	No Trend
PTX06-1068	CD	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	CO	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	CU	8/26/2002	10/12/2016	13	6	No	2.34293	-27.00	1	Decreasing	4	1	No	0	0.00	0	'A (<4 Detections in Datas	1	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	FE	8/26/2002	6/22/2016	31	28	No	0.77486	34.00	0.711	No Trend	4	3	No	0	0.00	0	'A (<4 Detections in Datas	9	7	No	0.34730731	3.00	0.5795	No Trend

PTX06-1068	K	1/19/2006	6/22/2016	14	14	No	0.14508	-5.00	1	Decreasing	4	4	No	0.288283	4.00	0.833	No Trend	4	4	No	0.28828294	4.00	0.833	No Trend
PTX06-1068	MG	8/26/2002	6/22/2016	26	26	No	0.16041	-117.00	1	Decreasing	4	4	No	0.394054	4.00	0.833	No Trend	4	4	No	0.3940541	4.00	0.833	No Trend
PTX06-1068	NA	1/19/2006	6/22/2016	14	14	No	0.86125	11.00	0.705	No Trend	4	4	No	1.12012	-4.00	1	Decreasing	4	4	No	1.12011982	-4.00	1	Decreasing
PTX06-1068	V	8/26/2002	10/12/2016	21	21	No	0.1063	-35.00	1	Decreasing	4	4	No	0.157291	4.00	0.833	No Trend	7	7	No	0.16358562	-3.00	1	Decreasing
PTX06-1068	PB	8/26/2002	10/12/2016	29	10	No	0.56719	165.00	0.999	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	HG	10/12/2016	10/12/2016	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	1	1	No	0	0.00	0	I/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	SE	8/26/2002	10/12/2016	13	8	No	0.68904	2.00	1	Increasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	TL	8/26/2002	10/12/2016	13	5	No	1.02887	26.00	0.936	Probably Increasing	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	ZN	8/26/2002	10/12/2016	13	13	No	1.23977	-39.00	1	Decreasing	4	4	No	0.266845	1.00	0.5	No Trend	1	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	DCA11	8/26/2002	10/12/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	DCE11	8/26/2002	10/12/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	PCA	8/26/2002	10/12/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	TC1112	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	TCA111	8/26/2002	10/12/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	TCA112	8/26/2002	10/12/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	ACCN	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	ACE	8/26/2002	10/12/2016	29	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	ACRL	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	ACRN	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	DCBZ12	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	DCBZ13	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	DCBZ14	10/12/2016	10/12/2016	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	1	1	No	0	0.00	0	I/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	HXO2	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	TCPR123	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	ALLYLCH	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	BZ	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	CDS	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	CLBZ	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	CLEA	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	CTCL	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	TBME	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	CLME	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	TCLME	8/26/2002	10/12/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	CHLOROPRENE	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	DBCME	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	FC12	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	EBZ	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	EMETHACRY	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	ISOBTOH	8/26/2002	10/12/2016	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	METHACRN	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	IME	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	MEK	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	MIBK	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	MMETHACRY	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	MTLNCL	8/26/2002	10/12/2016	23	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	1	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	PCLEA	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	PACN	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	STY	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	DIOXANE14	10/22/2014	10/12/2016	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	PCE	8/26/2002	10/12/2016	43	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1068	TCE	8/26/2002	10/12/2016	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	DCE12C	8/26/2002	10/12/2016	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	DCA12	8/26/2002	10/12/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	BZME	8/26/2002	10/12/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	DCBE14T	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	DCE12T	8/26/2002	10/12/2016	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	DCP13T	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	FC11	8/26/2002	10/12/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	VA	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	VC	8/26/2002	10/12/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	XYLENES	10/12/2016	10/12/2016	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	1	1	No	0	0.00	0	I/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	S	10/12/2016	10/12/2016	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	1	1	No	0	0.00	0	I/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	U	10/12/2016	10/12/2016	1	1	No	0	0.00	0	I/A (<4 Samples in Datase	1	1	No	0	0.00	0	I/A (<4 Samples in Datase	1	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	U-233/234	8/2/2004	10/12/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	1	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	U-235/236	8/2/2004	10/12/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	1	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	U-238	8/2/2004	10/12/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	1	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	DBMA	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1068	BRME	8/26/2002	10/12/2016	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	RDX	9/25/2001	8/3/2016	27	2	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	16	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1072	HMX	9/25/2001	8/3/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	TNT	9/25/2001	8/3/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	DNT24	9/25/2001	8/3/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	DNT26	9/25/2001	8/3/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	DNT2A	9/25/2001	8/3/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	DNT4A	9/25/2001	8/3/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	TNB135	9/25/2001	8/3/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	DNB13	9/25/2001	8/3/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	PERC	9/25/2001	8/3/2016	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	B	9/25/2001	8/3/2016	24	24	No	0.10274	13.00	0.6155	No Trend	4	4	No	0.05345	2.00	0.625	No Trend	15	15	No	0.07974616	28.00	0.9075	Probably Increasing
PTX06-1072	CR	9/25/2001	8/3/2016	12	10	No	0.65127	32.00	0.984	Increasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	CR-6	9/25/2001	8/3/2016	11	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	MN	9/25/2001	8/3/2016	18	11	No	2.39234	6.00	0.574	No Trend	4	4	No	1.580808	0.00	0.375	No Trend	8	4	No	2.08374469	16.00	0.969	Increasing
PTX06-1072	NI	9/25/2001	8/3/2016	12	7	No	0.76033	-18.00	1	Decreasing	4	4	No	0.677354	4.00	0.833	No Trend	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	SB	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	AS	9/25/2001	8/3/2016	13	8	No	0.51755	-2.00	1	Decreasing	4	4	No	0.359309	0.00	0.375	Stable	6	4	No	0.37656767	4.00	0.7025	No Trend
PTX06-1072	AL	9/25/2001	2/10/2016	14	6	No	0.8215	-25.00	1	Decreasing	4	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1072	BA	9/25/2001	8/3/2016	19	19	No	0.12862	-64.00	1	Decreasing	4	4	No	0.22053	-2.00	1	Decreasing	9	9	No	0.16738348	0.00	0.46	Stable
PTX06-1072	BE	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	CA	4/18/2006	2/10/2016	7	7	No	0.15383	15.00	0.985	Increasing	4	4	No	0.095667	6.00	0.958	Increasing	4	4	No	0.0956675	6.00	0.958	Increasing

PTX06-1072	CD	9/25/2001	8/3/2016	9	2	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	CO	9/25/2001	8/3/2016	9	3	No	0	0.00	0	'A (<4 Detections in Datas	4	2	No	0	0.00	0	'A (<4 Detections in Datas	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	CU	9/25/2001	8/3/2016	9	3	No	0	0.00	0	'A (<4 Detections in Datas	4	2	No	0	0.00	0	'A (<4 Detections in Datas	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	FE	9/25/2001	2/10/2016	14	12	No	0.46829	26.00	0.9125	Probably Increasing	4	4	No	0.550147	0.00	0.375	Stable	4	4	No	0.55014694	0.00	0.375	Stable
PTX06-1072	K	4/18/2006	2/10/2016	7	7	No	0.02572	-7.00	1	Decreasing	4	4	No	0.023382	-2.00	1	Decreasing	4	4	No	0.023382	-2.00	1	Decreasing
PTX06-1072	MG	9/25/2001	2/10/2016	14	14	No	0.08408	-25.00	1	Decreasing	4	4	No	0.077524	-2.00	1	Decreasing	4	4	No	0.07752428	-2.00	1	Decreasing
PTX06-1072	NA	4/18/2006	2/10/2016	7	7	No	0.08642	-1.00	1	Decreasing	4	4	No	0.101225	-2.00	1	Decreasing	4	4	No	0.10122486	-2.00	1	Decreasing
PTX06-1072	V	9/25/2001	8/3/2016	10	10	No	0.08888	9.00	1	Increasing	4	4	No	0.058819	6.00	0.958	Increasing	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	PB	9/25/2001	8/3/2016	11	5	No	1.44925	13.00	0.821	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	HG	8/3/2016	8/3/2016	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	1	1	No	0	0.00	0	I/A (<4 Samples in Datase	1	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	SE	9/25/2001	8/3/2016	9	5	No	0.72705	-5.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	TL	9/25/2001	8/3/2016	9	3	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	ZN	9/25/2001	8/3/2016	10	10	No	2.40541	11.00	1	Increasing	4	4	No	1.727687	2.00	0.625	No Trend	3	3	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	DCA11	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	DCE11	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	PCA	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	TC1112	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	TCA111	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	TCA112	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	ACCN	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	ACE	9/25/2001	8/3/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	ACRL	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	ACRN	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	DCBZ12	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	DCBZ13	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	DCBZ14	6/10/2002	8/3/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	HXO2	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	TCPR123	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	ALLYLCH	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	BZ	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	CDS	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	CLBZ	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	CLEA	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	CTCL	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	TBME	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	CLME	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	TCLME	9/25/2001	8/3/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	CHLOROPRENE	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	DBCME	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	FC12	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	EBZ	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	EMETHACRY	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	ISOBTOH	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	METHACRN	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	IME	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	MEK	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	MIBK	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	MMETHACRY	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	MTLNCL	9/25/2001	8/3/2016	12	2	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	PCLEA	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	PACN	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	STY	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	DIOXANE14	6/10/2002	8/3/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	PCE	9/25/2001	8/3/2016	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	TCE	9/25/2001	8/3/2016	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	DCE12C	9/25/2001	8/3/2016	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	DCA12	9/25/2001	8/3/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	BZME	9/25/2001	8/3/2016	11	2	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	3	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	DCBE14T	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	DCE12T	9/25/2001	8/3/2016	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	DCP13T	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	FC11	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	VA	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	VC	9/25/2001	8/3/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	XYLENES	7/11/2011	8/3/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	S	7/11/2011	8/3/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	U	7/11/2011	8/3/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	U-233/234	7/11/2011	8/3/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	U-235/236	7/11/2011	8/3/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	U-238	7/11/2011	8/3/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	DBMA	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1072	BRME	9/25/2001	8/3/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1076	RDX	6/18/2002	10/11/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	HMX	6/18/2002	10/11/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	TNT	6/18/2002	10/11/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	DNT24	6/18/2002	10/11/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	DNT26	6/18/2002	10/11/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	DNT2A	6/18/2002	10/11/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	DNT4A	6/18/2002	10/11/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	TNB135	6/18/2002	10/11/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	DNB13	6/18/2002	10/11/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	PERC	6/18/2002	10/11/2016	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	B	6/18/2002	10/11/2016	27	27	No	0.0901	-68.00	1	Decreasing	4	4	No	0.040974	5.00	0.8955	No Trend	15	15	No	0.08930517	5.00	0.577	No Trend
PTX06-1076	CR	6/18/2002	10/11/2016	31	24	No	0.47165	123.00	0.981	Increasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	15	9	No	0.33031815	-20.00	1	Decreasing
PTX06-1076	CR-6	6/18/2002	10/11/2016	32	3	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	15	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1076	MN	6/18/2002	10/11/2016	29	21	No	0.90524	-102.00	1	Decreasing	4	1	No	0	0.00	0	'A (<4 Detections in Datas	15	8	No	0.28198546	-6.00	1	Decreasing
PTX06-1076	NI	6/18/2002	10/11/2016	29	22	No	0.68227	-116.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	15	14	No	0.43856767	-29.00	1	Decreasing
PTX06-1076	MO	6/18/2002	10/11/2016	29	29	No	0.12801	-100.00	1	Decreasing	4	4	No	0.043549	2.00	0.625	No Trend	15	15	No	0.05116118	-19.00	1	Decreasing
PTX06-1076	AS	6/18/2002	10/11/2016	13	12	No	0.31556	30.00	0.962	Increasing	4	4	No	0.260651	-2.00	1	Decreasing	5	5	No	0.23160487	0.00	0.408	Stable

PTX06-1076	AL	6/18/2002	5/10/2016	18	10	No	1.26387	-59.00	1	Decreasing	4	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1076	BA	6/18/2002	10/11/2016	23	23	No	0.04066	-20.00	1	Decreasing	4	4	No	0.051482	0.00	0.375	Stable	8	8	No	0.03934923	-5.00	1	Decreasing
PTX06-1076	CA	4/18/2006	5/10/2016	10	10	No	0.06732	15.00	0.892	No Trend	4	4	No	0.016175	2.00	0.625	No Trend	4	4	No	0.01617533	2.00	0.625	No Trend
PTX06-1076	FE	6/18/2002	10/11/2016	29	25	No	0.53914	-32.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	15	14	No	0.3657357	-53.00	1	Decreasing
PTX06-1076	K	4/18/2006	5/10/2016	10	10	No	0.03146	-6.00	1	Decreasing	4	4	No	0.047223	-2.00	1	Decreasing	4	4	No	0.04722301	-2.00	1	Decreasing
PTX06-1076	MG	6/18/2002	5/10/2016	18	18	No	0.07727	25.00	0.816	No Trend	4	4	No	0.098248	0.00	0.375	Stable	4	4	No	0.09824797	0.00	0.375	Stable
PTX06-1076	NA	4/18/2006	5/10/2016	10	10	No	0.04063	-14.00	1	Decreasing	4	4	No	0.054327	-3.00	1	Decreasing	4	4	No	0.0543267	-3.00	1	Decreasing
PTX06-1076	V	6/18/2002	10/11/2016	25	25	No	0.03724	4.00	0.528	No Trend	4	4	No	0.021192	-2.00	1	Decreasing	15	15	No	0.03281796	-32.00	1	Decreasing
PTX06-1076	TCLME	6/18/2002	10/11/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	PCE	6/18/2002	10/11/2016	31	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	TCE	6/18/2002	10/11/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	DCE12C	6/18/2002	10/11/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	DCA12	6/18/2002	10/11/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	DCE12T	6/18/2002	10/11/2016	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	VC	6/18/2002	10/11/2016	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	RDX	11/10/2009	10/25/2016	16	2	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	16	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1137A	HMX	11/10/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	TNT	11/10/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	DNT24	11/10/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	DNT26	11/10/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	DNT2A	11/10/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	DNT4A	11/10/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	TNB135	11/10/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	DNB13	11/10/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	B	11/10/2009	10/25/2016	15	15	No	0.10404	9.00	0.651	No Trend	4	4	No	0.073862	0.00	0.375	Stable	15	15	No	0.10404074	9.00	0.651	No Trend
PTX06-1137A	CR	11/10/2009	10/25/2016	15	11	No	0.34325	-31.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	15	11	No	0.34324912	-31.00	1	Decreasing
PTX06-1137A	CR-6	11/10/2009	10/25/2016	15	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1137A	MN	11/10/2009	10/25/2016	15	9	No	1.24123	-34.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	15	9	No	1.24123101	-34.00	1	Decreasing
PTX06-1137A	NI	11/10/2009	10/25/2016	15	14	No	0.39141	-40.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	15	14	No	0.39140829	-40.00	1	Decreasing
PTX06-1137A	MO	11/10/2009	10/25/2016	15	15	No	0.03602	-15.00	1	Decreasing	4	4	No	0.030238	-2.00	1	Decreasing	15	15	No	0.03602297	-15.00	1	Decreasing
PTX06-1137A	AS	10/20/2014	10/25/2016	5	4	No	0.28854	0.00	0.408	Stable	4	3	No	0	0.00	0	'A (<4 Detections in Datas	5	4	No	0.2885352	0.00	0.408	Stable
PTX06-1137A	AL	1/26/2010	4/12/2016	4	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1137A	BA	1/26/2010	10/25/2016	8	8	No	0.05225	-10.00	1	Decreasing	4	4	No	0.047002	-2.00	1	Decreasing	8	8	No	0.05224641	-10.00	1	Decreasing
PTX06-1137A	CA	1/26/2010	4/12/2016	4	4	No	0.07532	6.00	0.958	Increasing	4	4	No	0.075318	6.00	0.958	Increasing	4	4	No	0.0753178	6.00	0.958	Increasing
PTX06-1137A	FE	11/10/2009	10/25/2016	15	14	No	1.14727	-39.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	15	14	No	1.1472723	-39.00	1	Decreasing
PTX06-1137A	K	1/26/2010	4/12/2016	4	4	No	0.04134	0.00	0.375	Stable	4	4	No	0.04134	0.00	0.375	Stable	4	4	No	0.04134021	0.00	0.375	Stable
PTX06-1137A	MG	1/26/2010	4/12/2016	4	4	No	0.05013	2.00	0.625	No Trend	4	4	No	0.050129	2.00	0.625	No Trend	4	4	No	0.0501295	2.00	0.625	No Trend
PTX06-1137A	NA	1/26/2010	4/12/2016	4	4	No	0.06868	-1.00	1	Decreasing	4	4	No	0.068679	-1.00	1	Decreasing	4	4	No	0.06867854	-1.00	1	Decreasing
PTX06-1137A	V	11/10/2009	10/25/2016	15	15	No	0.04939	-1.00	1	Decreasing	4	4	No	0.030272	0.00	0.375	Stable	15	15	No	0.04938912	-1.00	1	Decreasing
PTX06-1137A	TCLME	11/10/2009	10/25/2016	15	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1137A	PCE	11/10/2009	10/25/2016	15	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1137A	TCE	11/10/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	DCE12C	11/10/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	DCA12	11/10/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	DCE12T	11/10/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	VC	11/10/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	RDX	10/1/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	HMX	10/1/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	TNT	10/1/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	DNT24	10/1/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	DNT26	10/1/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	DNT2A	10/1/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	DNT4A	10/1/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	TNB135	10/1/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	DNB13	10/1/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	B	10/1/2009	10/25/2016	15	15	No	0.07363	12.00	0.704	No Trend	4	4	No	0.047523	2.00	0.625	No Trend	15	15	No	0.07363056	12.00	0.704	No Trend
PTX06-1138	CR	10/1/2009	10/25/2016	15	10	No	1.7789	-43.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	15	10	No	1.77890058	-43.00	1	Decreasing
PTX06-1138	CR-6	10/1/2009	10/25/2016	15	3	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	15	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1138	MN	10/1/2009	10/25/2016	15	12	No	1.21549	4.00	0.558	No Trend	4	3	No	0	0.00	0	'A (<4 Detections in Datas	15	12	No	1.21548556	4.00	0.558	No Trend
PTX06-1138	NI	10/1/2009	10/25/2016	15	14	No	1.33373	-50.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	15	14	No	1.33372625	-50.00	1	Decreasing
PTX06-1138	MO	10/1/2009	10/25/2016	15	15	No	0.05378	-32.00	1	Decreasing	4	4	No	0.055651	0.00	0.375	Stable	15	15	No	0.0537842	-32.00	1	Decreasing
PTX06-1138	AS	10/20/2014	10/25/2016	5	4	No	0.22221	4.00	0.758	No Trend	4	3	No	0	0.00	0	'A (<4 Detections in Datas	5	4	No	0.22220907	4.00	0.758	No Trend
PTX06-1138	AL	5/4/2010	6/13/2016	4	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1138	BA	5/4/2010	10/25/2016	8	8	No	0.0525	3.00	0.594	No Trend	4	4	No	0.01867	-2.00	1	Decreasing	8	8	No	0.05249793	3.00	0.594	No Trend
PTX06-1138	CA	5/4/2010	6/13/2016	4	4	No	0.07252	-2.00	1	Decreasing	4	4	No	0.072524	-2.00	1	Decreasing	4	4	No	0.07252382	-2.00	1	Decreasing
PTX06-1138	FE	10/1/2009	10/25/2016	15	14	No	0.90008	-47.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	15	14	No	0.90007765	-47.00	1	Decreasing
PTX06-1138	K	5/4/2010	6/13/2016	4	4	No	0.1179	0.00	0.375	Stable	4	4	No	0.117897	0.00	0.375	Stable	4	4	No	0.1178969	0.00	0.375	Stable
PTX06-1138	MG	5/4/2010	6/13/2016	4	4	No	0.07724	-2.00	1	Decreasing	4	4	No	0.077236	-2.00	1	Decreasing	4	4	No	0.07723631	-2.00	1	Decreasing
PTX06-1138	NA	5/4/2010	6/13/2016	4	4	No	0.04582	-2.00	1	Decreasing	4	4	No	0.045824	-2.00	1	Decreasing	4	4	No	0.04582379	-2.00	1	Decreasing
PTX06-1138	V	10/1/2009	10/25/2016	15	15	No	0.02808	-23.00	1	Decreasing	4	4	No	0.008097	-5.00	1	Decreasing	15	15	No	0.02808472	-23.00	1	Decreasing
PTX06-1138	TCLME	10/1/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	PCE	10/1/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	TCE	10/1/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	DCE12C	10/1/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	DCA12	10/1/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	DCE12T	10/1/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	VC	10/1/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	RDX	9/30/2009	8/17/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	HMX	9/30/2009	8/17/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	TNT	9/30/2009	8/17/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	DNT24	9/30/2009	8/17/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	DNT26	9/30/2009	8/17/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	DNT2A	9/30/2009	8/17/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	DNT4A	9/30/2009	8/17/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	TNB135	9/30/2009	8/17/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	DNB13	9/30/2009	8/17/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	B	9/30/2009	8/17/2016	15	15	No	0.07636	8.00	0.633	No Trend	4	4	No	0.059403	4.00	0.833	No Trend	15	15	No	0.07635971	8.00	0.633	No Trend
PTX06-1139	CR	9/30/2009	8/17/2016	15	7	No	1.58833	-26.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	15	7	No	1.58833286	-26.00	1	Decreasing
PTX06-1139	CR-6	9/30/2009	8/17/2016	15	2	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	15	2	No	0	0.00	0	A (<4 Detections in Datas

PTX06-1139	MN	9/30/2009	8/17/2016	15	12	No	0.95733	-24.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	15	12	No	0.9573285	-24.00	1	Decreasing
PTX06-1139	NI	9/30/2009	8/17/2016	15	11	No	1.11127	-14.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	15	11	No	1.11126521	-14.00	1	Decreasing
PTX06-1139	MO	9/30/2009	8/17/2016	15	15	No	0.22472	-81.00	1	Decreasing	4	4	No	0.218503	2.00	0.625	No Trend	15	15	No	0.22472475	-81.00	1	Decreasing
PTX06-1139	AS	8/5/2014	8/17/2016	5	3	No	0	0.00	0	'A (<4 Detections in Datas	4	3	No	0	0.00	0	'A (<4 Detections in Datas	5	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1139	AL	5/4/2010	2/1/2016	4	2	No	0	0.00	0	'A (<4 Detections in Datas	4	2	No	0	0.00	0	'A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1139	BA	5/4/2010	8/17/2016	8	8	No	0.16939	-20.00	1	Decreasing	4	4	No	0.198028	-6.00	1	Decreasing	8	8	No	0.16938605	-20.00	1	Decreasing
PTX06-1139	CA	5/4/2010	2/1/2016	4	4	No	0.09072	0.00	0.375	Stable	4	4	No	0.090724	0.00	0.375	Stable	4	4	No	0.09072422	0.00	0.375	Stable
PTX06-1139	FE	9/30/2009	8/17/2016	15	14	No	0.89656	-57.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	15	14	No	0.89655538	-57.00	1	Decreasing
PTX06-1139	K	5/4/2010	2/1/2016	4	4	No	0.11131	-4.00	1	Decreasing	4	4	No	0.111308	-4.00	1	Decreasing	4	4	No	0.11130768	-4.00	1	Decreasing
PTX06-1139	MG	5/4/2010	2/1/2016	4	4	No	0.13044	-2.00	1	Decreasing	4	4	No	0.130435	-2.00	1	Decreasing	4	4	No	0.13043542	-2.00	1	Decreasing
PTX06-1139	NA	5/4/2010	2/1/2016	4	4	No	0.28675	0.00	0.375	Stable	4	4	No	0.286746	0.00	0.375	Stable	4	4	No	0.28674634	0.00	0.375	Stable
PTX06-1139	V	9/30/2009	8/17/2016	15	15	No	0.06904	17.00	0.782	No Trend	4	4	No	0.082062	4.00	0.833	No Trend	15	15	No	0.06903558	17.00	0.782	No Trend
PTX06-1139	TCLME	9/30/2009	8/17/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	PCE	9/30/2009	8/17/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	TCE	9/30/2009	8/17/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	DCE12C	9/30/2009	8/17/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	DCA12	9/30/2009	8/17/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	DCE12T	9/30/2009	8/17/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	VC	9/30/2009	8/17/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	RDX	10/5/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	HMX	10/5/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	TNT	10/5/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	DNT24	10/5/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	DNT26	10/5/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	DNT2A	10/5/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	DNT4A	10/5/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	TNB135	10/5/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	DNB13	10/5/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	B	10/5/2009	9/20/2016	15	15	No	0.07045	29.00	1	Increasing	4	4	No	0.059905	4.00	0.833	No Trend	15	15	No	0.07045105	29.00	1	Increasing
PTX06-1140	CR	10/5/2009	9/20/2016	16	15	No	1.75949	-6.00	1	Decreasing	4	4	No	0.306679	0.00	0.375	Stable	16	15	No	1.75949173	-6.00	1	Decreasing
PTX06-1140	CR-6	10/5/2009	9/20/2016	16	6	No	0.68988	-56.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	16	6	No	0.68987731	-56.00	1	Decreasing
PTX06-1140	MN	10/5/2009	9/20/2016	15	7	No	1.41921	12.00	0.704	No Trend	4	1	No	0	0.00	0	'A (<4 Detections in Datas	15	7	No	1.41920757	12.00	0.704	No Trend
PTX06-1140	NI	10/5/2009	9/20/2016	15	13	No	1.41151	-21.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	15	13	No	1.41150537	-21.00	1	Decreasing
PTX06-1140	MO	10/5/2009	9/20/2016	15	15	No	0.05675	-14.00	1	Decreasing	4	4	No	0.044666	2.00	0.625	No Trend	15	15	No	0.0567497	-14.00	1	Decreasing
PTX06-1140	AS	10/20/2014	9/20/2016	5	4	No	0.24469	6.00	0.883	No Trend	4	3	No	0	0.00	0	'A (<4 Detections in Datas	5	4	No	0.24469471	6.00	0.883	No Trend
PTX06-1140	AL	5/4/2010	6/13/2016	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	BA	5/4/2010	9/20/2016	8	8	No	0.09807	16.00	0.969	Increasing	4	4	No	0.08923	2.00	0.625	No Trend	8	8	No	0.09806778	16.00	0.969	Increasing
PTX06-1140	CA	5/4/2010	6/13/2016	4	4	No	0.10725	-2.00	1	Decreasing	4	4	No	0.107249	-2.00	1	Decreasing	4	4	No	0.10724889	-2.00	1	Decreasing
PTX06-1140	FE	10/5/2009	9/20/2016	15	14	No	0.91647	-53.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	15	14	No	0.91647161	-53.00	1	Decreasing
PTX06-1140	K	5/4/2010	6/13/2016	4	4	No	0.06411	-4.00	1	Decreasing	4	4	No	0.064109	-4.00	1	Decreasing	4	4	No	0.06410899	-4.00	1	Decreasing
PTX06-1140	MG	5/4/2010	6/13/2016	4	4	No	0.04826	0.00	0.375	Stable	4	4	No	0.048261	0.00	0.375	Stable	4	4	No	0.04826086	0.00	0.375	Stable
PTX06-1140	NA	5/4/2010	6/13/2016	4	4	No	0.07848	2.00	0.625	No Trend	4	4	No	0.078479	2.00	0.625	No Trend	4	4	No	0.07847909	2.00	0.625	No Trend
PTX06-1140	V	10/5/2009	9/20/2016	15	15	No	0.05647	20.00	0.823	No Trend	4	4	No	0.07986	2.00	0.625	No Trend	15	15	No	0.05647428	20.00	0.823	No Trend
PTX06-1140	TCLME	10/5/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	PCE	10/5/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	TCE	10/5/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	DCE12C	10/5/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	DCA12	10/5/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	DCE12T	10/5/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	VC	10/5/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	RDX	10/14/2009	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	HMX	10/14/2009	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	TNT	10/14/2009	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	DNT24	10/14/2009	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	DNT26	10/14/2009	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	DNT2A	10/14/2009	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	DNT4A	10/14/2009	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	TNB135	10/14/2009	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	DNB13	10/14/2009	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	PERC	10/14/2009	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	B	10/14/2009	10/31/2016	14	14	No	0.07604	-29.00	1	Decreasing	4	4	No	0.027501	-1.00	1	Decreasing	14	14	No	0.07603707	-29.00	1	Decreasing
PTX06-1141	CR	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	CR-6	6/27/2011	10/31/2016	2	1	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	MN	7/21/2010	10/31/2016	8	8	No	0.90159	-12.00	1	Decreasing	4	4	No	1.010446	-4.00	1	Decreasing	8	8	No	0.90158734	-12.00	1	Decreasing
PTX06-1141	NI	6/27/2011	10/31/2016	2	1	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	SB	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	AS	6/27/2011	10/31/2016	6	4	No	0.18352	12.00	0.982	Increasing	4	4	No	0.121031	4.00	0.833	No Trend	6	4	No	0.18352215	12.00	0.982	Increasing
PTX06-1141	AL	7/21/2010	6/21/2016	4	2	No	0	0.00	0	'A (<4 Detections in Datas	4	2	No	0	0.00	0	'A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1141	BA	7/21/2010	10/31/2016	9	9	No	0.10146	-9.00	1	Decreasing	4	4	No	0.147222	-6.00	1	Decreasing	9	9	No	0.10145774	-9.00	1	Decreasing
PTX06-1141	BE	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	CA	7/21/2010	6/21/2016	4	4	No	0.10336	0.00	0.375	Stable	4	4	No	0.103359	0.00	0.375	Stable	4	4	No	0.10335927	0.00	0.375	Stable
PTX06-1141	CD	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	CO	6/27/2011	10/31/2016	2	1	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	CU	6/27/2011	10/31/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	FE	7/21/2010	6/21/2016	4	4	No	1.17756	-2.00	1	Decreasing	4	4	No	1.177559	-2.00	1	Decreasing	4	4	No	1.17755923	-2.00	1	Decreasing
PTX06-1141	K	7/21/2010	6/21/2016	4	4	No	0.04975	0.00	0.375	Stable	4	4	No	0.049748	0.00	0.375	Stable	4	4	No	0.0497482	0.00	0.375	Stable
PTX06-1141	MG	7/21/2010	6/21/2016	4	4	No	0.06192	4.00	0.833	No Trend	4	4	No	0.061919	4.00	0.833	No Trend	4	4	No	0.06191927	4.00	0.833	No Trend
PTX06-1141	NA	7/21/2010	6/21/2016	4	4	No	0.17759	-6.00	1	Decreasing	4	4	No	0.177588	-6.00	1	Decreasing	4	4	No	0.17758793	-6.00	1	Decreasing
PTX06-1141	V	6/27/2011	10/31/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	PB	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	HG	6/27/2011	10/31/2016	2	1	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	SE	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	TL	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	ZN	6/27/2011	10/31/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	DCA11	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	DCE11	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	PCA	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	TC1112	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	TCA111	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase

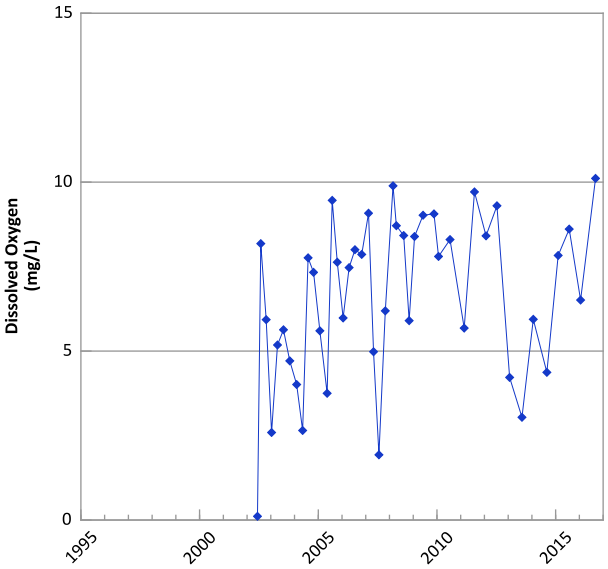
PTX06-1141	TCA112	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	ACCN	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	ACE	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	ACRL	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	ACRN	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	DCBZ12	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	DCBZ13	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	DCBZ14	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	HXO2	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	TCPR123	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	ALLYLCH	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	BZ	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	CDS	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	CLBZ	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	CLEA	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	CTCL	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	TBME	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	CLME	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	TCLME	10/14/2009	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	CHLOROPRENE	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	DBCME	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	FC12	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	EBZ	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	EMETHACRY	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	ISOBTOH	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	METHACRN	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	IME	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	MEK	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	MIBK	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	MMETHACRY	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	MTLNCL	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	PCLEA	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	PACN	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	STY	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	DIOXANE14	6/27/2011	10/31/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	PCE	10/14/2009	10/31/2016	14	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	14	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1141	TCE	10/14/2009	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	DCE12C	10/14/2009	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	DCA12	10/14/2009	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	BZME	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	DCBE14T	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	DCE12T	10/14/2009	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	DCP13T	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	FC11	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	VA	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	VC	10/14/2009	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	XYLENES	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	S	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	U	6/27/2011	10/31/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	U-233/234	6/27/2011	10/31/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	U-235/236	6/27/2011	10/31/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	U-238	6/27/2011	10/31/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	DBMA	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1141	BRME	6/27/2011	10/31/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	RDX	10/15/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	HMX	10/15/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	TNT	10/15/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	DNT24	10/15/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	DNT26	10/15/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	DNT2A	10/15/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	DNT4A	10/15/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	TNB135	10/15/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	DNB13	10/15/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	PERC	10/15/2009	10/25/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	B	10/15/2009	10/25/2016	15	15	No	0.10913	13.00	0.721	No Trend	4	4	No	0.075364	4.00	0.833	No Trend	15	15	No	0.10912783	13.00	0.721	No Trend
PTX06-1143	CR	5/5/2010	10/25/2016	5	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	5	1	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1143	CR-6	5/5/2010	10/25/2016	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	MN	5/5/2010	10/25/2016	9	2	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	9	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1143	NI	5/5/2010	10/25/2016	4	2	No	0	0.00	0	'A (<4 Detections in Datas	4	2	No	0	0.00	0	'A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1143	SB	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	AS	6/8/2011	10/25/2016	6	4	No	0.14532	4.00	0.7025	No Trend	4	2	No	0	0.00	0	'A (<4 Detections in Datas	6	4	No	0.14531652	4.00	0.7025	No Trend
PTX06-1143	AL	5/5/2010	6/20/2016	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	BA	5/5/2010	10/25/2016	9	9	No	0.03149	-4.00	1	Decreasing	4	4	No	0.014595	3.00	0.729	No Trend	9	9	No	0.03149392	-4.00	1	Decreasing
PTX06-1143	BE	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	CA	5/5/2010	6/20/2016	4	4	No	0.02923	0.00	0.375	Stable	4	4	No	0.029235	0.00	0.375	Stable	4	4	No	0.02923467	0.00	0.375	Stable
PTX06-1143	CD	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	CO	6/8/2011	10/25/2016	2	1	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	CU	6/8/2011	10/25/2016	2	1	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	FE	5/5/2010	6/20/2016	5	4	No	0.87846	-9.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	5	4	No	0.87845728	-9.00	1	Decreasing
PTX06-1143	K	5/5/2010	6/20/2016	4	4	No	0.03446	-2.00	1	Decreasing	4	4	No	0.034457	-2.00	1	Decreasing	4	4	No	0.03445704	-2.00	1	Decreasing
PTX06-1143	MG	5/5/2010	6/20/2016	4	4	No	0.05143	0.00	0.375	Stable	4	4	No	0.051432	0.00	0.375	Stable	4	4	No	0.05143167	0.00	0.375	Stable
PTX06-1143	NA	5/5/2010	6/20/2016	4	4	No	0.07747	-2.00	1	Decreasing	4	4	No	0.077475	-2.00	1	Decreasing	4	4	No	0.07747489	-2.00	1	Decreasing
PTX06-1143	V	5/5/2010	10/25/2016	4	4	No	0.02804	0.00	0.375	Stable	4	4	No	0.028038	0.00	0.375	Stable	4	4	No	0.02803782	0.00	0.375	Stable
PTX06-1143	PB	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	HG	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	SE	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	TL	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	ZN	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	DCA11	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase

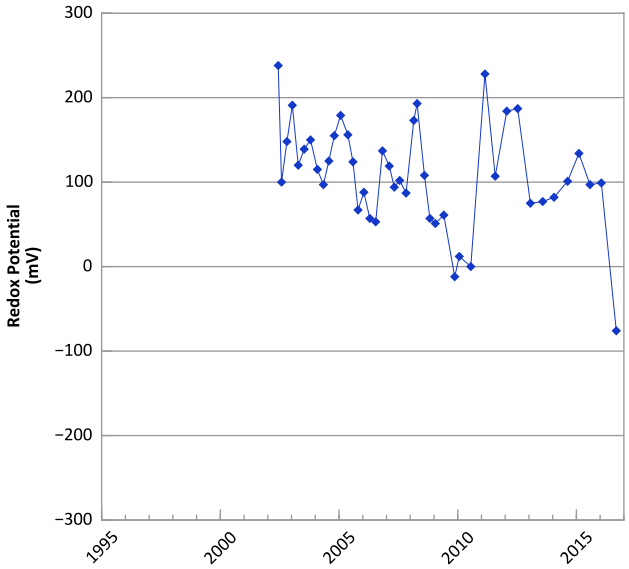
PTX06-1143	DCE11	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	PCA	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	TC1112	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	TCA111	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	TCA112	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	ACCN	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	ACE	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	ACRL	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	ACRN	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	DCBZ12	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	DCBZ13	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	DCBZ14	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	HXO2	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	TCPR123	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	ALLYLCH	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	BZ	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	CDS	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	CLBZ	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	CLEA	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	CTCL	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	TBME	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	CLME	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	TCLME	10/15/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	CHLOROPRENE	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	DBCME	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	FC12	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	EBZ	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	EMETHACRY	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	ISOBTOH	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	METHACRN	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	IME	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	MEK	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	MIBK	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	MMETHACRY	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	MTLNCL	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	PCLEA	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	PACN	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	STY	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	DIOXANE14	6/8/2011	10/25/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	PCE	10/15/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	TCE	10/15/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	DCE12C	10/15/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	DCA12	10/15/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	BZME	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	DCBE14T	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	DCE12T	10/15/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	DCP13T	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	FC11	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	VA	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	VC	10/15/2009	10/25/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	XYLENES	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	S	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	U	6/8/2011	10/25/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	U-233/234	6/8/2011	10/25/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	U-235/236	6/8/2011	10/25/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	U-238	6/8/2011	10/25/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	DBMA	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1143	BRME	6/8/2011	10/25/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX06-1144	RDX	11/4/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	HMX	11/4/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	TNT	11/4/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	DNT24	11/4/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	DNT26	11/4/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	DNT2A	11/4/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	DNT4A	11/4/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	TNB135	11/4/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	DNB13	11/4/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	PERC	11/4/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	B	11/4/2009	9/20/2016	15	15	No	0.07217	18.00	0.796	No Trend	4	4	No	0.031577	3.00	0.729	No Trend	15	15	No	0.0721677	18.00	0.796	No Trend
PTX06-1144	CR	5/5/2010	9/20/2016	8	5	No	1.73882	-9.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	8	5	No	1.73882328	-9.00	1	Decreasing
PTX06-1144	CR-6	5/5/2010	9/20/2016	8	3	No	0	0.00	0	'A (<4 Detections in Datas	4	3	No	0	0.00	0	'A (<4 Detections in Datas	8	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1144	MN	5/5/2010	9/20/2016	9	7	No	1.41152	-18.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	9	7	No	1.41151982	-18.00	1	Decreasing
PTX06-1144	AS	10/30/2014	9/20/2016	5	3	No	0	0.00	0	'A (<4 Detections in Datas	4	2	No	0	0.00	0	'A (<4 Detections in Datas	5	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1144	AL	5/5/2010	6/21/2016	4	4	No	0.73358	4.00	0.833	No Trend	4	4	No	0.733581	4.00	0.833	No Trend	4	4	No	0.73358098	4.00	0.833	No Trend
PTX06-1144	BA	5/5/2010	9/20/2016	8	8	No	0.07099	-9.00	1	Decreasing	4	4	No	0.082135	0.00	0.375	Stable	8	8	No	0.07098788	-9.00	1	Decreasing
PTX06-1144	CA	5/5/2010	6/21/2016	4	4	No	0.20821	-2.00	1	Decreasing	4	4	No	0.208212	-2.00	1	Decreasing	4	4	No	0.20821155	-2.00	1	Decreasing
PTX06-1144	FE	5/5/2010	6/21/2016	5	5	No	0.60917	-6.00	1	Decreasing	4	4	No	0.443202	-2.00	1	Decreasing	5	5	No	0.60916723	-6.00	1	Decreasing
PTX06-1144	K	5/5/2010	6/21/2016	4	4	No	0.0239	-2.00	1	Decreasing	4	4	No	0.023899	-2.00	1	Decreasing	4	4	No	0.02389941	-2.00	1	Decreasing
PTX06-1144	MG	5/5/2010	6/21/2016	4	4	No	0.05299	-6.00	1	Decreasing	4	4	No	0.052986	-6.00	1	Decreasing	4	4	No	0.05298597	-6.00	1	Decreasing
PTX06-1144	NA	5/5/2010	6/21/2016	4	4	No	0.02354	0.00	0.375	Stable	4	4	No	0.023542	0.00	0.375	Stable	4	4	No	0.02354173	0.00	0.375	Stable
PTX06-1144	TCLME	11/4/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	DIOXANE14	10/30/2014	9/20/2016	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	PCE	11/4/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	TCE	11/4/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	DCE12C	11/4/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	DCA12	11/4/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	DCE12T	11/4/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	VC	11/4/2009	9/20/2016	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	RDX	6/15/2010	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect

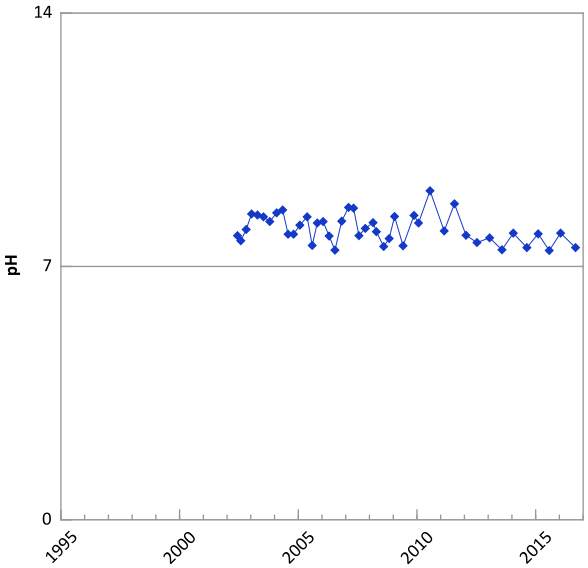
PTX06-1157	HMX	6/15/2010	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	TNT	6/15/2010	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	DNT24	6/15/2010	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	DNT26	6/15/2010	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	DNT2A	6/15/2010	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	DNT4A	6/15/2010	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	TNB135	6/15/2010	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	DNB13	6/15/2010	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	B	6/15/2010	10/31/2016	14	14	No	0.04989	9.00	0.666	No Trend	4	4	No	0.032274	-1.00	1	Decreasing	14	14	No	0.04988877	9.00	0.666	No Trend
PTX06-1157	CR	6/15/2010	10/31/2016	14	14	No	0.24039	-11.00	1	Decreasing	4	4	No	0.054311	-6.00	1	Decreasing	14	14	No	0.24038928	-11.00	1	Decreasing
PTX06-1157	CR-6	6/15/2010	10/31/2016	14	3	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	14	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1157	MN	6/15/2010	10/31/2016	14	10	No	0.45007	-15.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	14	10	No	0.45006859	-15.00	1	Decreasing
PTX06-1157	NI	6/15/2010	10/31/2016	14	11	No	0.47529	-41.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	14	11	No	0.47529003	-41.00	1	Decreasing
PTX06-1157	MO	6/15/2010	10/31/2016	14	14	No	0.07136	-29.00	1	Decreasing	4	4	No	0.024478	0.00	0.375	Stable	14	14	No	0.07136188	-29.00	1	Decreasing
PTX06-1157	AS	6/7/2011	10/31/2016	6	4	No	0.37526	0.00	0.422667	Stable	4	3	No	0	0.00	0	'A (<4 Detections in Datas	6	4	No	0.37525782	0.00	0.422666667	Stable
PTX06-1157	AL	10/21/2010	6/20/2016	4	3	No	0	0.00	0	'A (<4 Detections in Datas	4	3	No	0	0.00	0	'A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX06-1157	BA	10/21/2010	10/31/2016	9	9	No	0.06243	-6.00	1	Decreasing	4	4	No	0.045565	-4.00	1	Decreasing	9	9	No	0.06243427	-6.00	1	Decreasing
PTX06-1157	CA	10/21/2010	6/20/2016	4	4	No	0.05433	2.00	0.625	No Trend	4	4	No	0.054331	2.00	0.625	No Trend	4	4	No	0.05433088	2.00	0.625	No Trend
PTX06-1157	FE	6/15/2010	10/31/2016	14	12	No	1.29192	-62.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	14	12	No	1.29192426	-62.00	1	Decreasing
PTX06-1157	K	10/21/2010	6/20/2016	4	4	No	0.03709	6.00	0.958	Increasing	4	4	No	0.037089	6.00	0.958	Increasing	4	4	No	0.03708896	6.00	0.958	Increasing
PTX06-1157	MG	10/21/2010	6/20/2016	4	4	No	0.04038	0.00	0.375	Stable	4	4	No	0.040384	0.00	0.375	Stable	4	4	No	0.04038383	0.00	0.375	Stable
PTX06-1157	NA	10/21/2010	6/20/2016	4	4	No	0.06029	0.00	0.375	Stable	4	4	No	0.060294	0.00	0.375	Stable	4	4	No	0.06029427	0.00	0.375	Stable
PTX06-1157	V	6/15/2010	10/31/2016	14	14	No	0.03738	-22.00	1	Decreasing	4	4	No	0.036678	-2.00	1	Decreasing	14	14	No	0.03737831	-22.00	1	Decreasing
PTX06-1157	TCLME	6/15/2010	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	PCE	6/15/2010	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	TCE	6/15/2010	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	DCE12C	6/15/2010	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	DCA12	6/15/2010	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	DCE12T	6/15/2010	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	VC	6/15/2010	10/31/2016	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	RDX	9/19/2000	10/12/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	HMX	9/19/2000	10/12/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	TNT	9/19/2000	10/12/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	DNT24	9/19/2000	10/12/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	DNT26	9/19/2000	10/12/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	DNT2A	9/19/2000	10/12/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	DNT4A	9/19/2000	10/12/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	TNB135	9/19/2000	10/12/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	DNB13	9/19/2000	10/12/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	PERC	9/19/2000	10/12/2016	25	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	A (<4 Detections in Datas
PTX07-1R01	B	9/19/2000	10/12/2016	24	24	No	0.06195	61.00	0.931	Probably Increasing	4	4	No	0.053901	1.00	0.5	No Trend	15	15	No	0.05819904	28.00	0.9075	Probably Increasing
PTX07-1R01	CR	9/19/2000	10/12/2016	13	6	No	0.57016	23.00	0.908	Probably Increasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	CR-6	9/19/2000	10/12/2016	12	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	MN	9/19/2000	10/12/2016	18	13	No	1.61741	-95.00	1	Decreasing	4	1	No	0	0.00	0	'A (<4 Detections in Datas	8	4	No	1.42101391	-5.00	1	Decreasing
PTX07-1R01	NI	9/19/2000	10/12/2016	12	11	No	0.72273	-36.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	SB	9/19/2000	10/12/2016	9	2	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	AS	9/19/2000	10/12/2016	13	11	No	0.38907	-1.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	6	5	No	0.3861428	1.00	0.5	No Trend
PTX07-1R01	AL	9/19/2000	6/22/2016	14	8	No	0.98554	-23.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	4	2	No	0	0.00	0	A (<4 Detections in Datas
PTX07-1R01	BA	9/19/2000	10/12/2016	20	20	No	0.15783	-63.00	1	Decreasing	4	4	No	0.041494	6.00	0.958	Increasing	9	9	No	0.07351517	15.00	0.925	Probably Increasing
PTX07-1R01	BE	9/19/2000	10/12/2016	9	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	CA	9/19/2000	6/22/2016	11	11	No	0.15513	1.00	0.5	No Trend	4	4	No	0.167774	0.00	0.375	Stable	4	4	No	0.16777427	0.00	0.375	Stable
PTX07-1R01	CD	9/19/2000	10/12/2016	9	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	CO	9/19/2000	10/12/2016	9	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	CU	9/19/2000	10/12/2016	9	3	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	FE	9/19/2000	6/22/2016	14	13	No	0.95053	-35.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX07-1R01	K	9/19/2000	6/22/2016	11	11	No	0.25033	10.00	0.753	No Trend	4	4	No	0.050068	0.00	0.375	Stable	4	4	No	0.05006831	0.00	0.375	Stable
PTX07-1R01	MG	9/19/2000	6/22/2016	14	14	No	0.15672	30.00	0.9435	Probably Increasing	4	4	No	0.118097	0.00	0.375	Stable	4	4	No	0.11809742	0.00	0.375	Stable
PTX07-1R01	NA	9/19/2000	6/22/2016	11	11	No	0.64303	-40.00	1	Decreasing	4	4	No	0.040105	-3.00	1	Decreasing	4	4	No	0.04010525	-3.00	1	Decreasing
PTX07-1R01	V	9/19/2000	10/12/2016	10	10	No	0.67055	40.00	1	Increasing	4	4	No	0.168845	4.00	0.833	No Trend	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	PB	9/19/2000	10/12/2016	12	6	No	0.56655	11.00	0.7485	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	HG	9/19/2000	10/12/2016	6	2	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	SE	9/19/2000	10/12/2016	9	7	No	0.66516	23.00	0.991	Increasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	TL	9/19/2000	10/12/2016	9	3	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	ZN	9/19/2000	10/12/2016	9	7	No	2.47824	-20.00	1	Decreasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	DCA11	5/8/2000	10/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	DCE11	5/8/2000	10/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	PCA	5/8/2000	10/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	TC1112	5/8/2000	10/12/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	TCA111	5/8/2000	10/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	TCA112	5/8/2000	10/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	ACCN	5/7/2002	10/12/2016	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	ACE	5/8/2000	10/12/2016	13	2	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	ACRL	5/7/2002	10/12/2016	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	ACRN	5/8/2000	10/12/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	DCBZ12	5/8/2000	10/12/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	DCBZ13	5/8/2000	10/12/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	DCBZ14	5/8/2000	10/12/2016	9	2	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	HXO2	5/8/2000	10/12/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	TCPR123	5/8/2000	10/12/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	ALLYLCH	5/8/2000	10/12/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	BZ	5/8/2000	10/12/2016	10	1	No	0	0.00	0	'A (<4 Detections in Datas	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	CDS	5/8/2000	10/12/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	CLBZ	5/8/2000	10/12/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	CLEA	5/8/2000	10/12/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	CTCL	5/8/2000	10/12/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	TBME	5/8/2000	10/12/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	CLME	5/8/2000	10/12/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	TCLME	5/8/2000	10/12/2016	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	CHLOROPRENE	5/7/2002	10/12/2016	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase

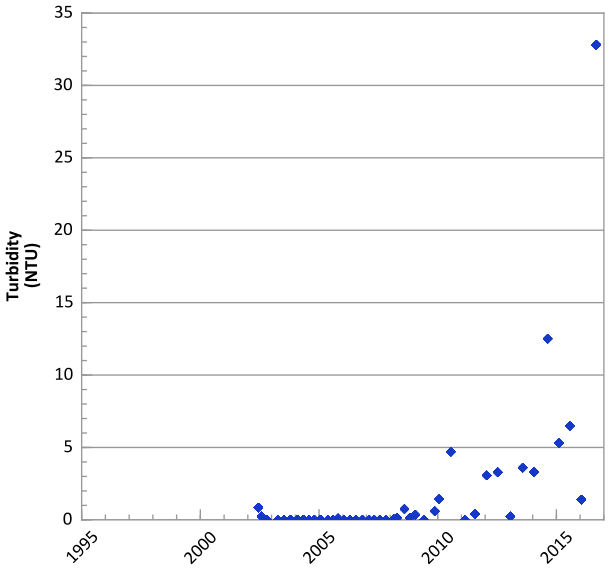
PTX07-1R01	DBCME	5/8/2000	10/12/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	FC12	5/8/2000	10/12/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	EBZ	5/8/2000	10/12/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	EMETHACRY	5/8/2000	10/12/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	ISOBTOH	5/8/2000	10/12/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	METHACRN	5/8/2000	10/12/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	IME	5/8/2000	10/12/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	MEK	3/20/2001	10/12/2016	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	MIBK	5/8/2000	10/12/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	MMETHACRY	5/8/2000	10/12/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	MTLNCL	5/8/2000	10/12/2016	13	1	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	1	No	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	PCLEA	5/8/2000	10/12/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	PACN	5/7/2002	10/12/2016	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	STY	5/8/2000	10/12/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	DIOXANE14	7/26/2001	10/12/2016	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	PCE	5/8/2000	10/12/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	TCE	5/8/2000	10/12/2016	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	DCE12C	5/8/2000	10/12/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	DCA12	5/8/2000	10/12/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	BZME	5/8/2000	10/12/2016	13	2	No	0	0.00	0	'A (<4 Detections in Datas	4	1	No	0	0.00	0	'A (<4 Detections in Datas	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	DCBE14T	5/8/2000	10/12/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	DCE12T	5/8/2000	10/12/2016	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	DCP13T	5/8/2000	10/12/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	FC11	5/8/2000	10/12/2016	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	VA	5/8/2000	10/12/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	VC	5/8/2000	10/12/2016	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	XYLENES	5/8/2000	10/12/2016	7	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	S	4/25/2011	10/12/2016	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	U	7/1/2000	10/12/2016	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	3	3	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	U-233/234	7/1/2000	10/12/2016	5	5	No	0.2153	6.00	0.883	No Trend	4	4	No	0.222906	4.00	0.833	No Trend	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	U-235/236	4/25/2011	10/12/2016	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	U-238	7/1/2000	10/12/2016	5	5	No	0.17483	8.00	0.958	Increasing	4	4	No	0.18265	6.00	0.958	Increasing	2	2	No	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	DBMA	5/8/2000	10/12/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX07-1R01	BRME	5/8/2000	10/12/2016	10	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	2	0	Yes	0	0.00	0	I/A (<4 Samples in Datase
PTX-BEG2	RDX	3/19/1996	8/1/2016	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX-BEG2	HMX	3/19/1996	8/1/2016	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX-BEG2	TNT	3/19/1996	8/1/2016	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX-BEG2	DNT24	3/19/1996	8/1/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX-BEG2	DNT26	3/19/1996	8/1/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX-BEG2	DNT2A	3/19/1996	8/1/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX-BEG2	DNT4A	3/19/1996	8/1/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX-BEG2	TNB135	3/19/1996	8/1/2016	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX-BEG2	DNB13	3/19/1996	8/1/2016	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX-BEG2	PERC	8/14/2000	8/1/2016	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX-BEG2	B	12/11/1995	8/1/2016	36	36	No	0.13601	-88.00	1	Decreasing	4	4	No	0.059951	-2.00	1	Decreasing	15	15	No	0.0810528	-24.00	1	Decreasing
PTX-BEG2	MN	12/11/1995	8/1/2016	31	9	No	2.13621	121.00	0.98	Increasing	4	2	No	0	0.00	0	'A (<4 Detections in Datas	8	4	No	1.05743922	-13.00	1	Decreasing
PTX-BEG2	AS	12/11/1995	8/1/2016	22	15	No	0.43091	39.00	0.856	No Trend	4	4	No	0.240178	4.00	0.833	No Trend	5	4	No	0.2423581	6.00	0.883	No Trend
PTX-BEG2	AL	12/11/1995	1/19/2016	27	15	No	0.87768	-22.00	1	Decreasing	4	3	No	0	0.00	0	'A (<4 Detections in Datas	4	3	No	0	0.00	0	A (<4 Detections in Datas
PTX-BEG2	BA	12/11/1995	8/1/2016	32	32	No	0.07239	-142.00	1	Decreasing	4	4	No	0.037306	4.00	0.833	No Trend	8	8	No	0.04906033	1.00	0.5	No Trend
PTX-BEG2	CA	12/11/1995	1/19/2016	22	22	No	0.07337	-33.00	1	Decreasing	4	4	No	0.036193	0.00	0.375	Stable	4	4	No	0.03619335	0.00	0.375	Stable
PTX-BEG2	FE	12/11/1995	1/19/2016	26	21	No	1.08465	173.00	1	Increasing	4	4	No	0.241623	-4.00	1	Decreasing	4	4	No	0.24162345	-4.00	1	Decreasing
PTX-BEG2	K	12/11/1995	1/19/2016	21	21	No	0.08036	6.00	0.559	No Trend	4	4	No	0.02532	-2.00	1	Decreasing	4	4	No	0.02532049	-2.00	1	Decreasing
PTX-BEG2	MG	12/11/1995	1/19/2016	27	27	No	0.11561	49.00	0.84	No Trend	4	4	No	0.097013	-2.00	1	Decreasing	4	4	No	0.09701263	-2.00	1	Decreasing
PTX-BEG2	NA	12/11/1995	1/19/2016	21	21	No	0.13974	106.00	1	Increasing	4	4	No	0.078436	0.00	0.375	Stable	4	4	No	0.07843565	0.00	0.375	Stable
PTX-BEG2	TCLME	12/11/1995	8/1/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX-BEG2	DIOXANE14	8/13/2014	8/1/2016	5	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX-BEG2	PCE	12/11/1995	8/1/2016	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX-BEG2	TCE	3/19/1996	8/1/2016	39	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX-BEG2	DCE12C	3/19/1996	8/1/2016	39	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX-BEG2	DCA12	3/19/1996	8/1/2016	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX-BEG2	DCE12T	5/8/1997	8/1/2016	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX-BEG2	VC	12/11/1995	8/1/2016	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect

PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



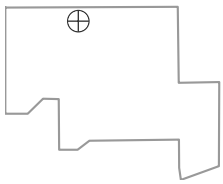






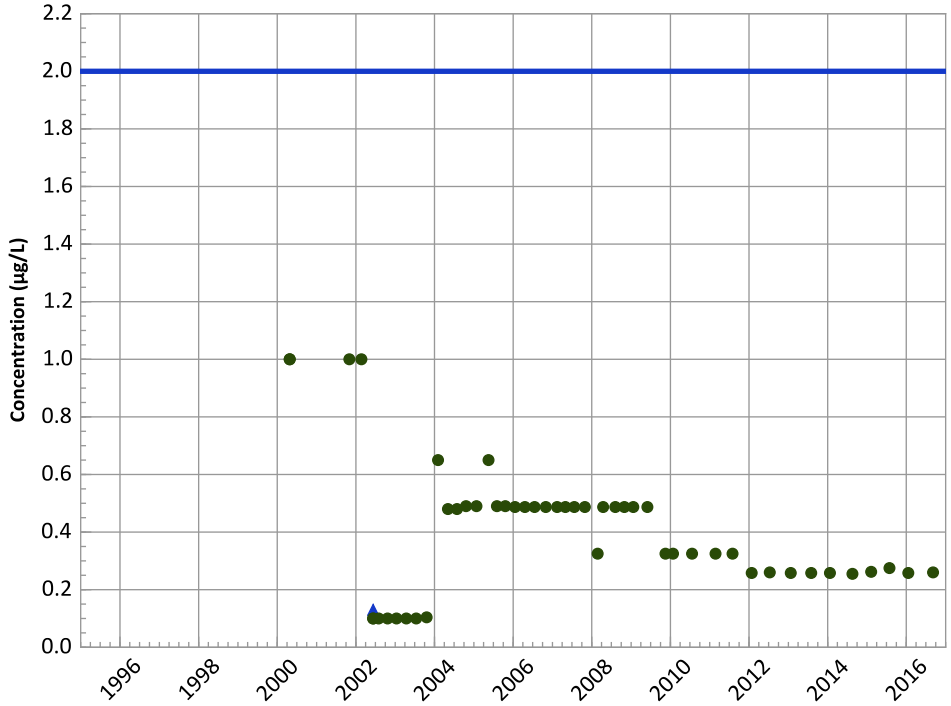
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

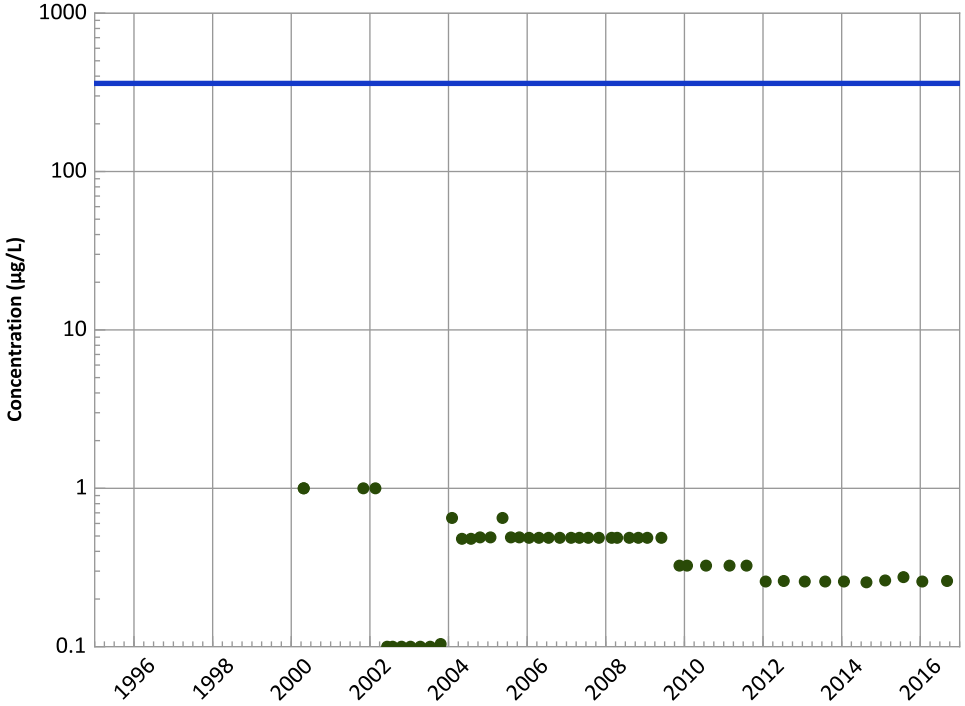


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

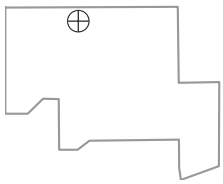
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

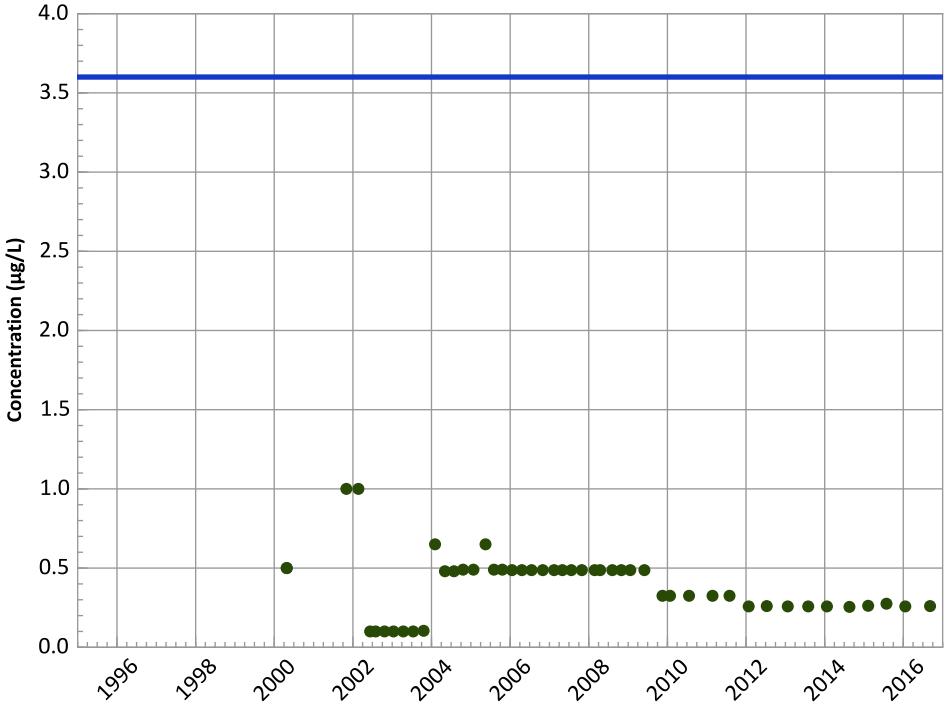
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

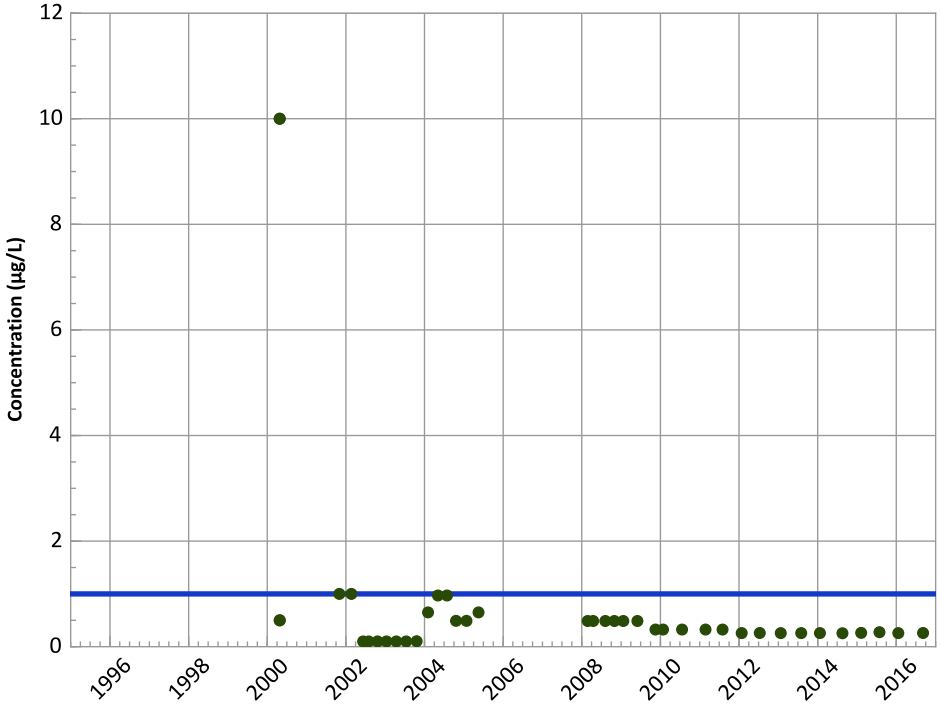


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

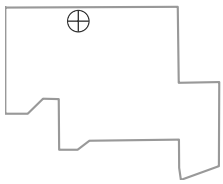
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

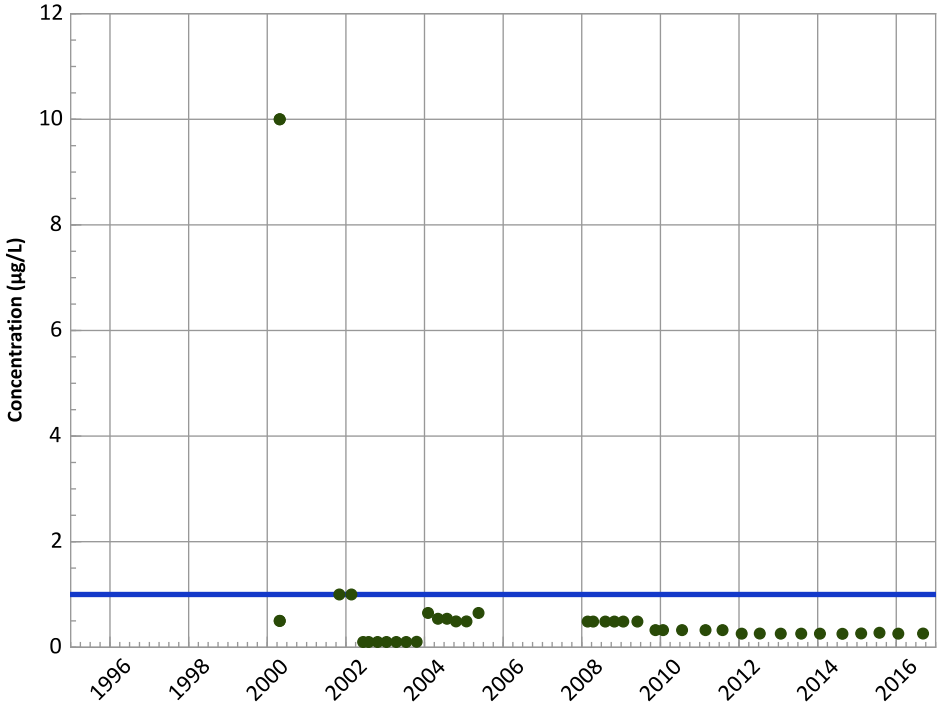
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

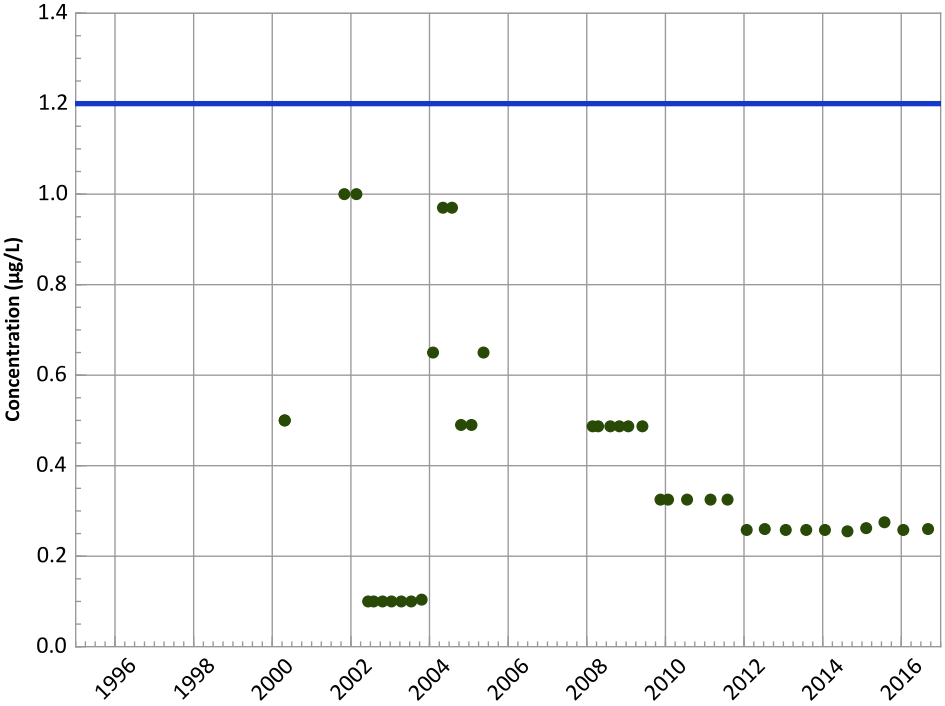


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

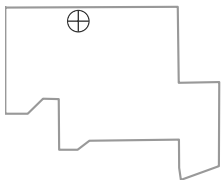
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

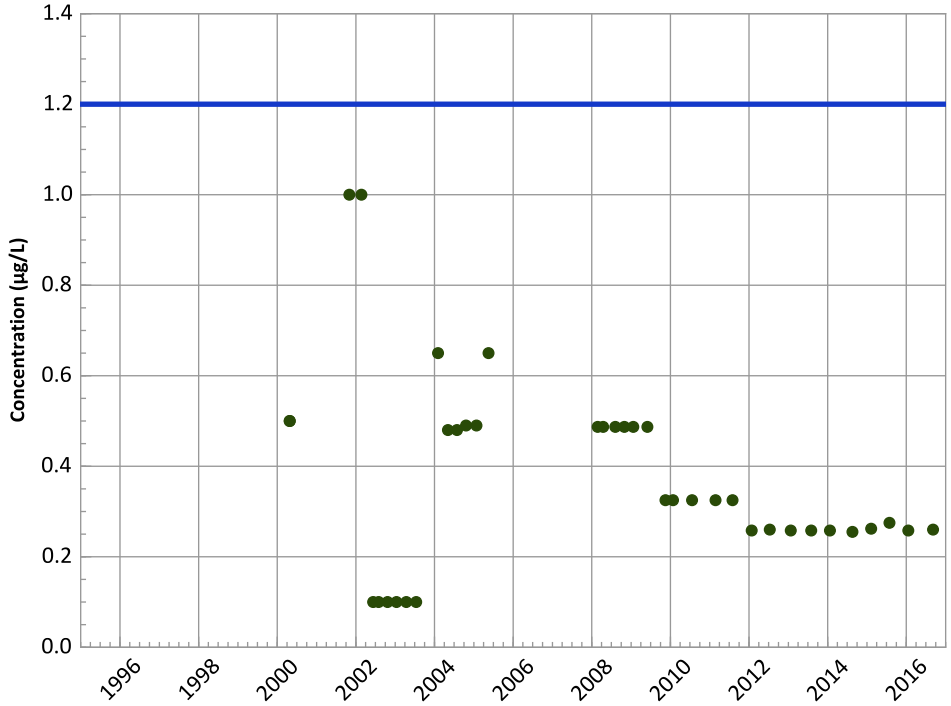
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

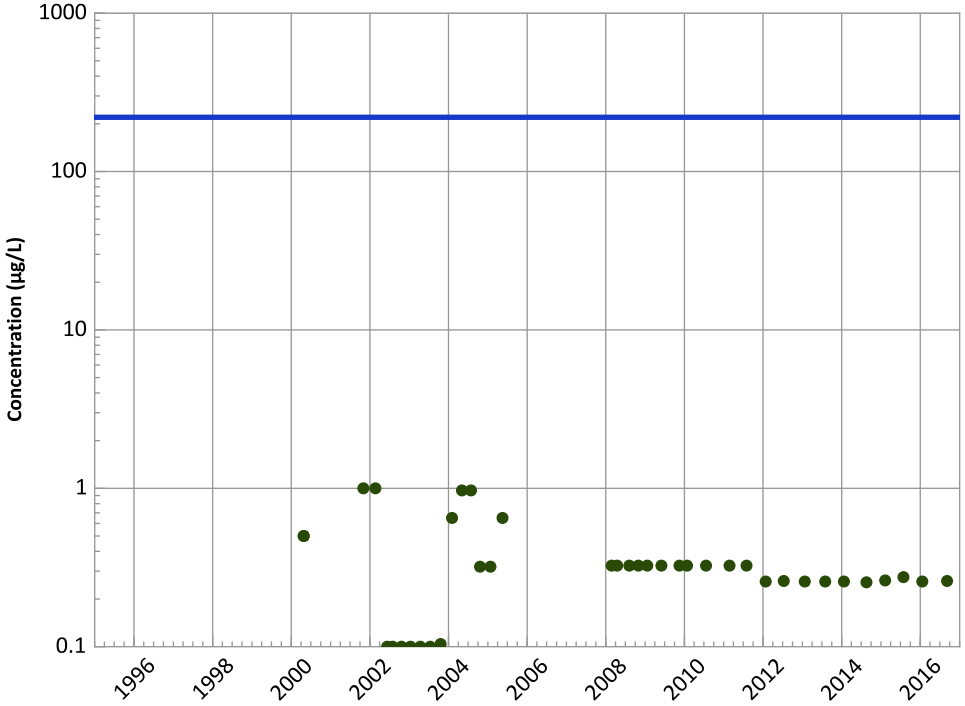


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

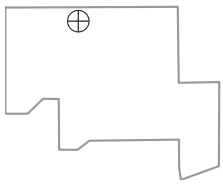
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

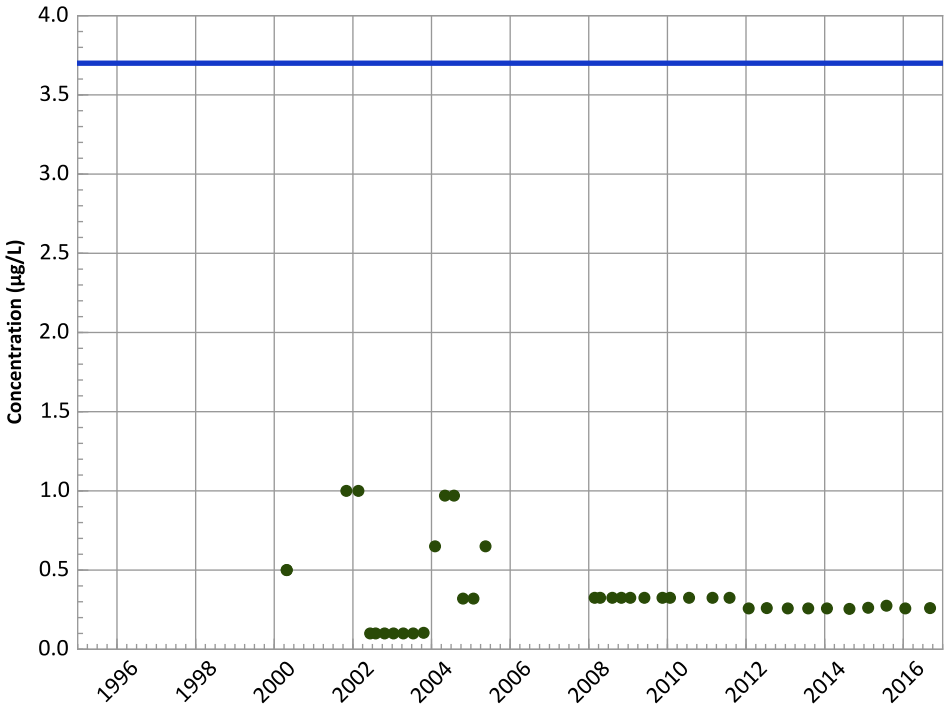
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

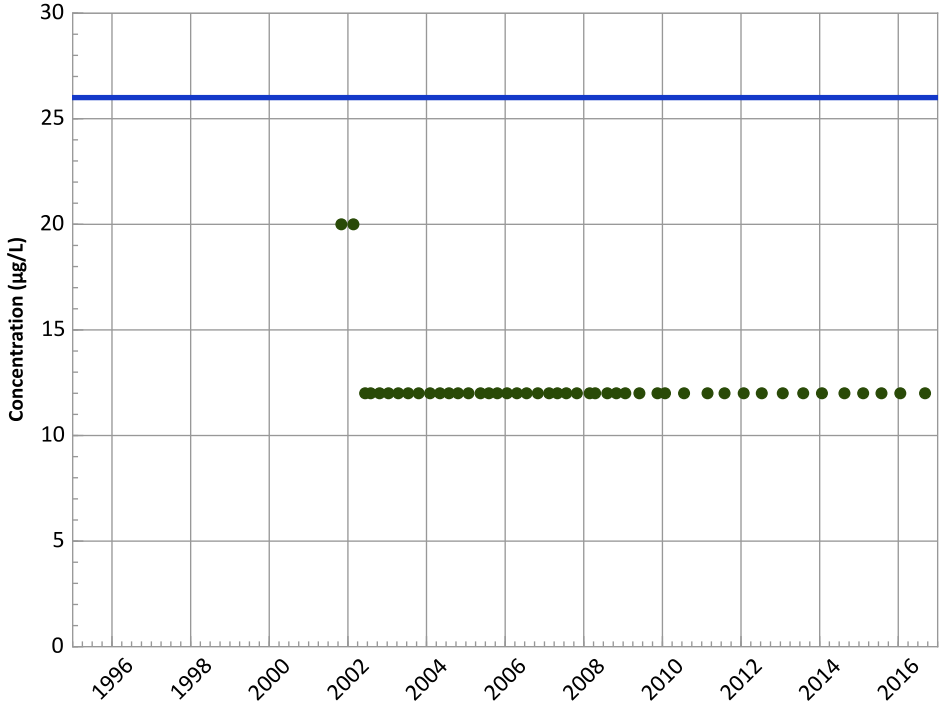


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

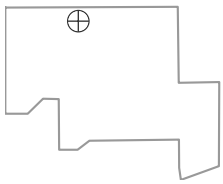
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

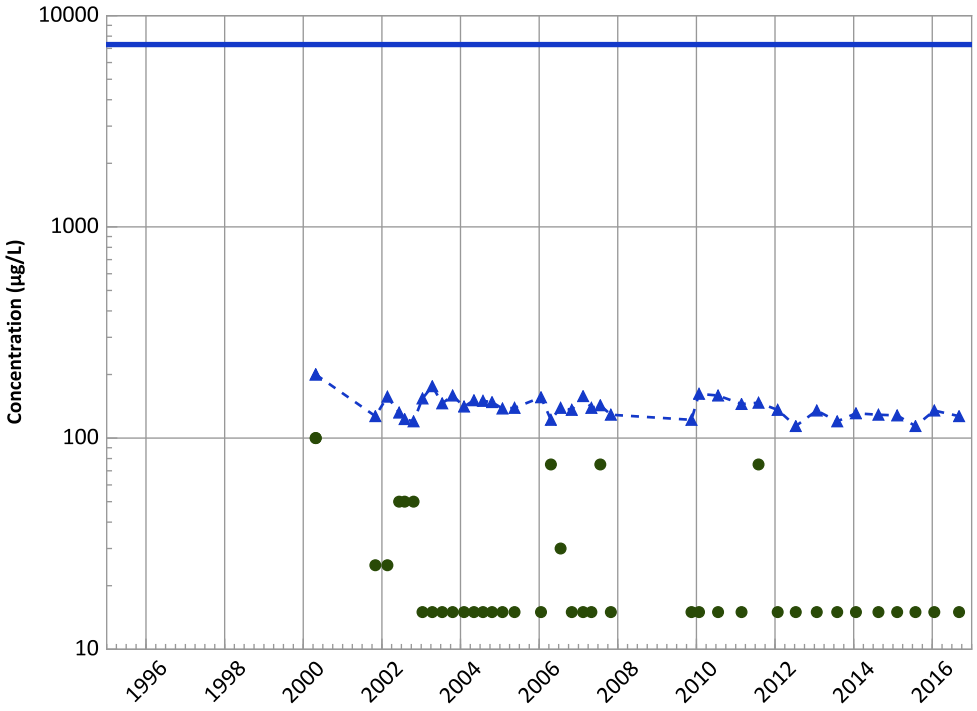
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

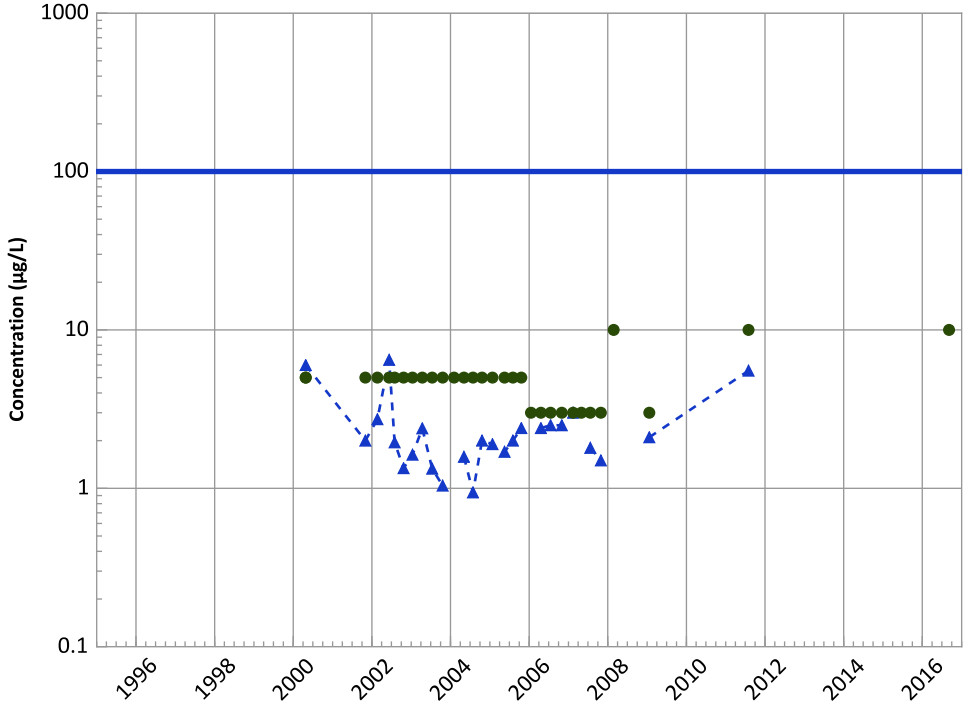


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

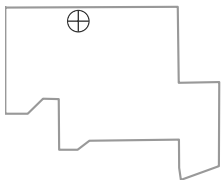
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

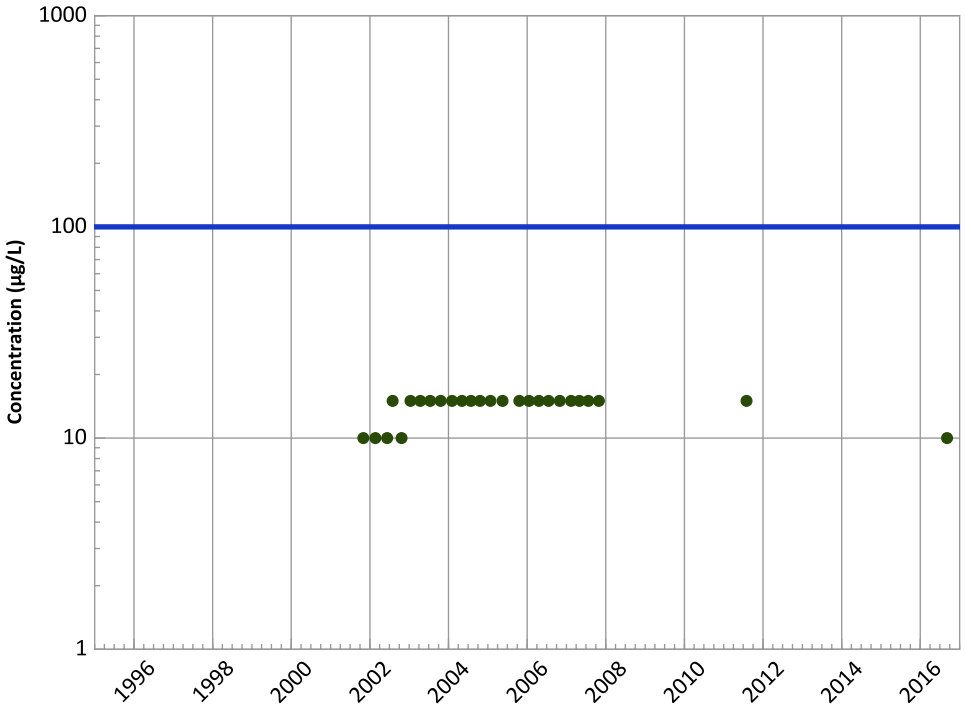
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

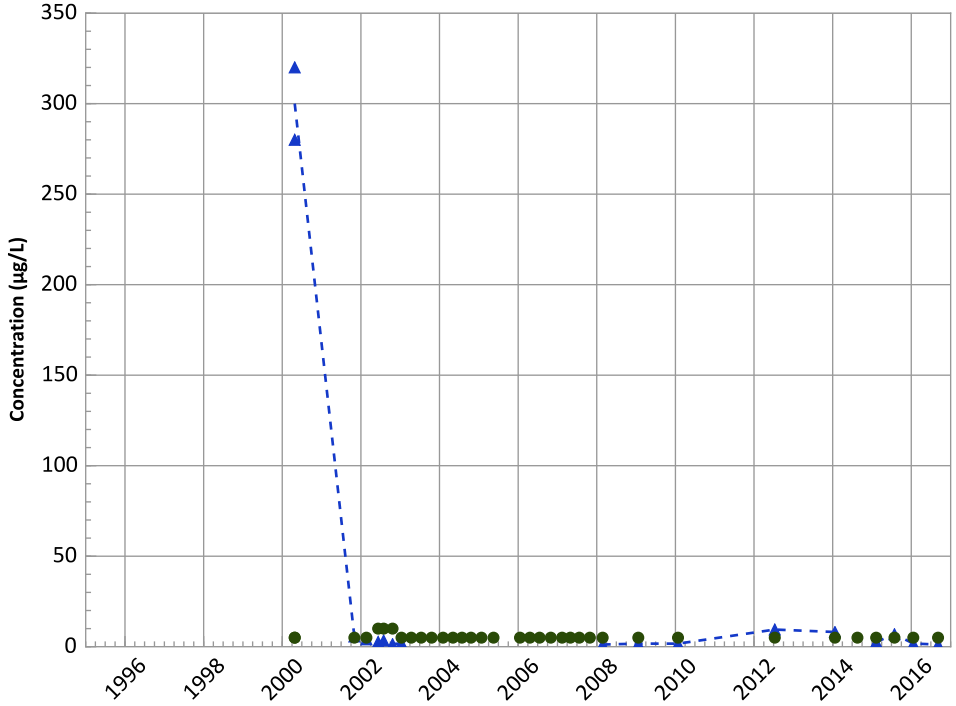


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Manganese Trend



Concentration Trend

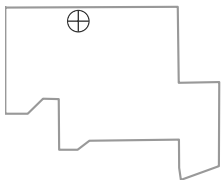
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

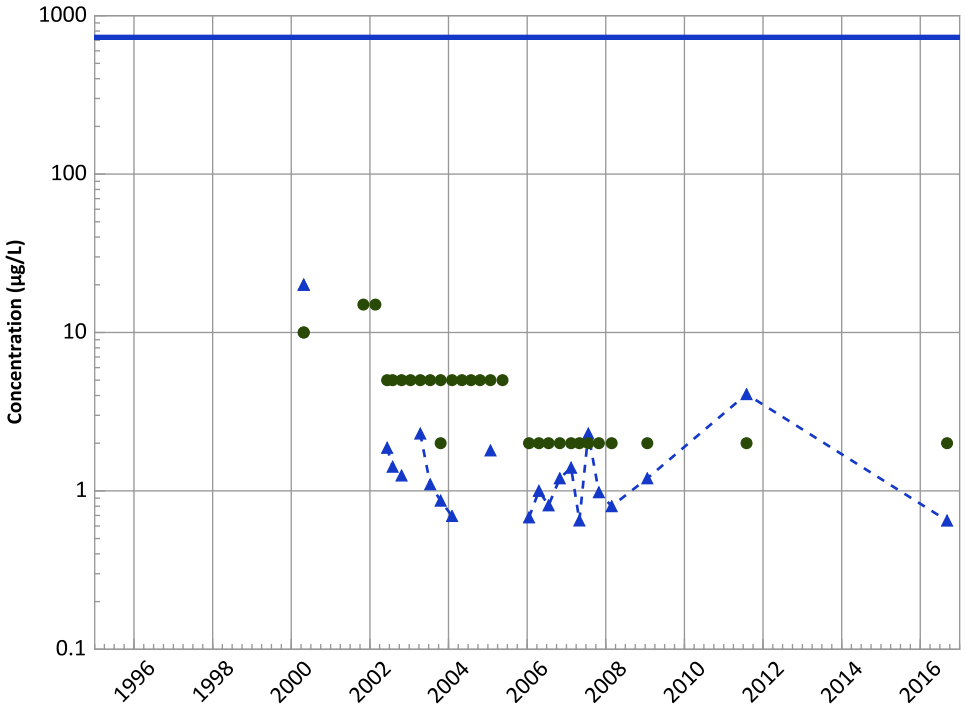
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

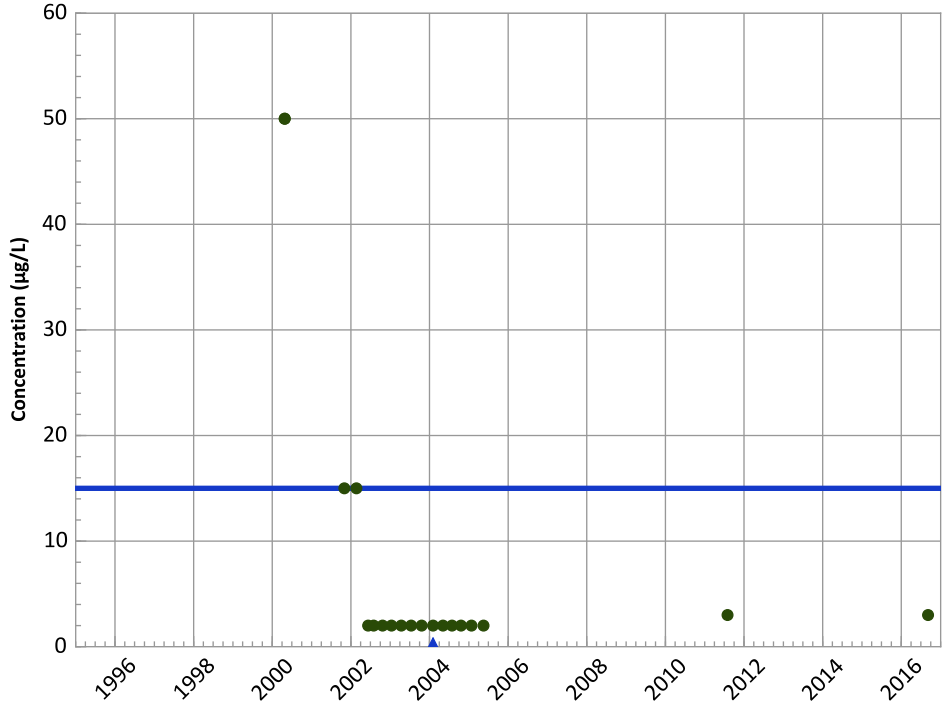


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

Antimony Trend



Concentration Trend

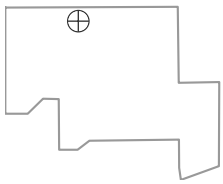
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

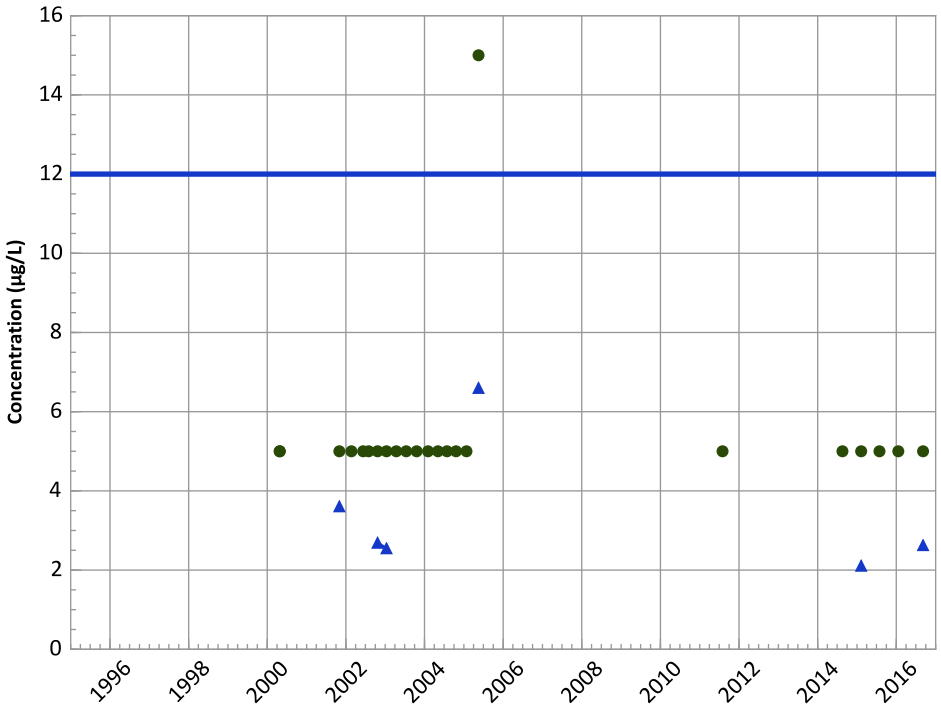
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

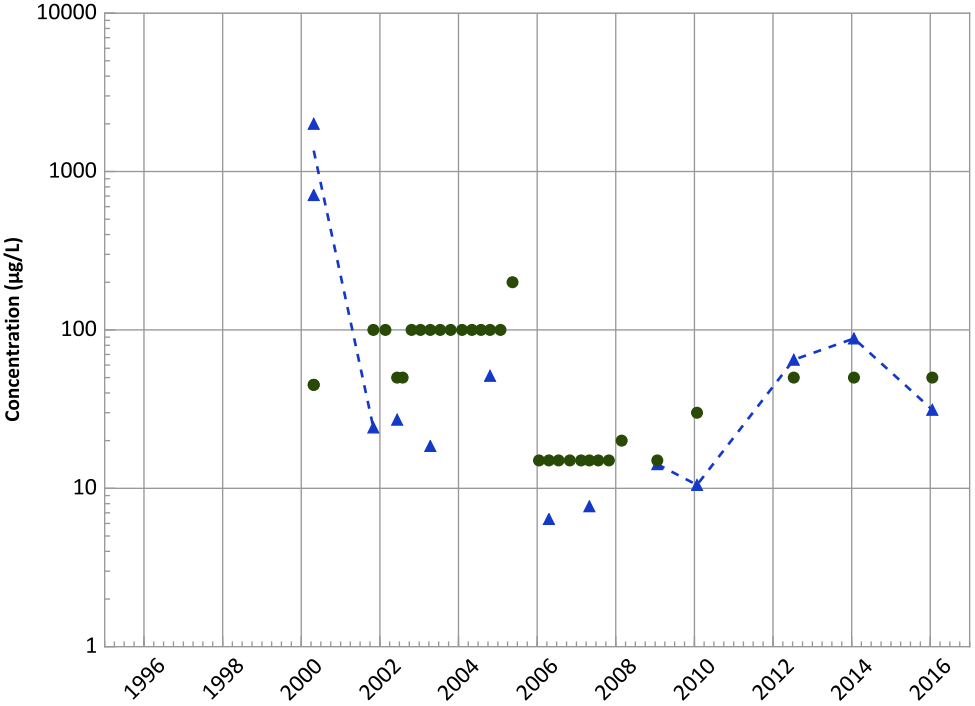


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Aluminum Trend



Concentration Trend

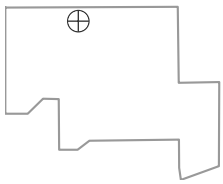
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

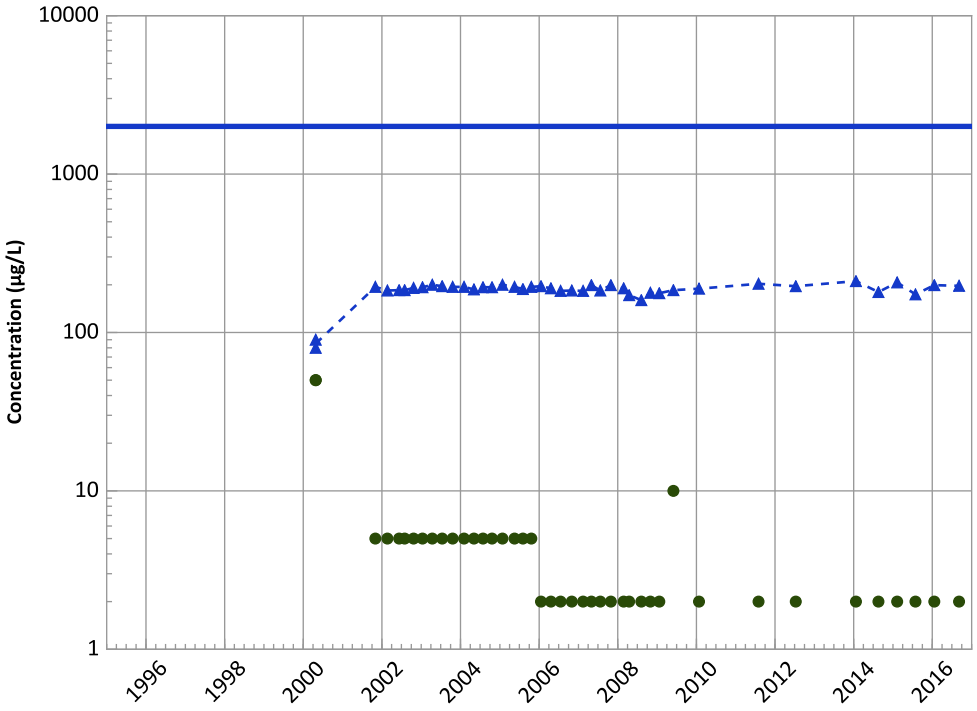
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

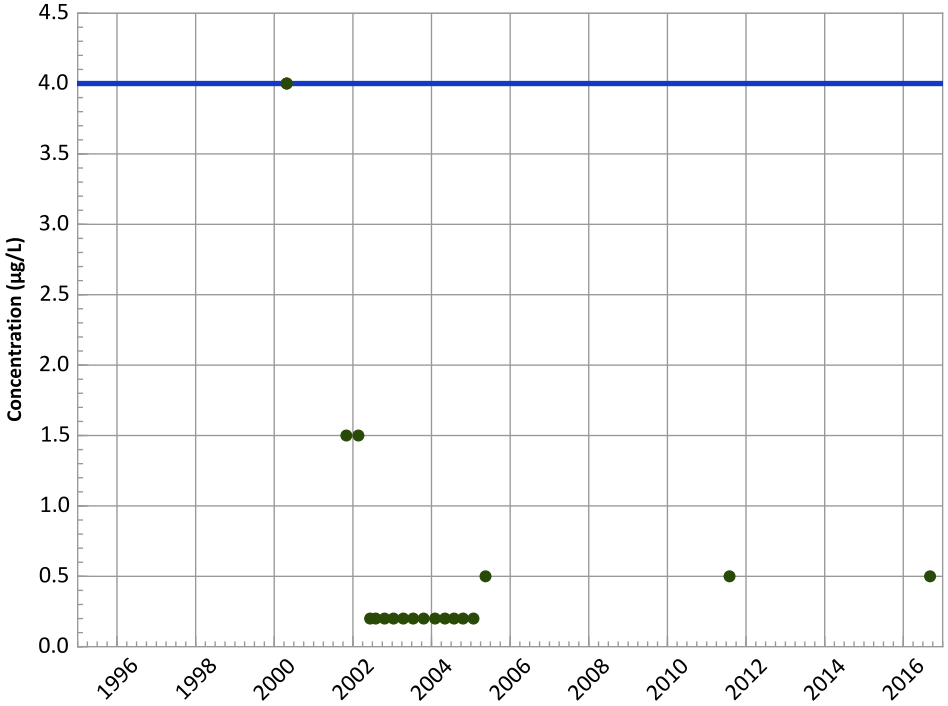


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

Beryllium Trend



Concentration Trend

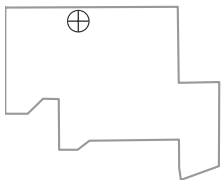
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

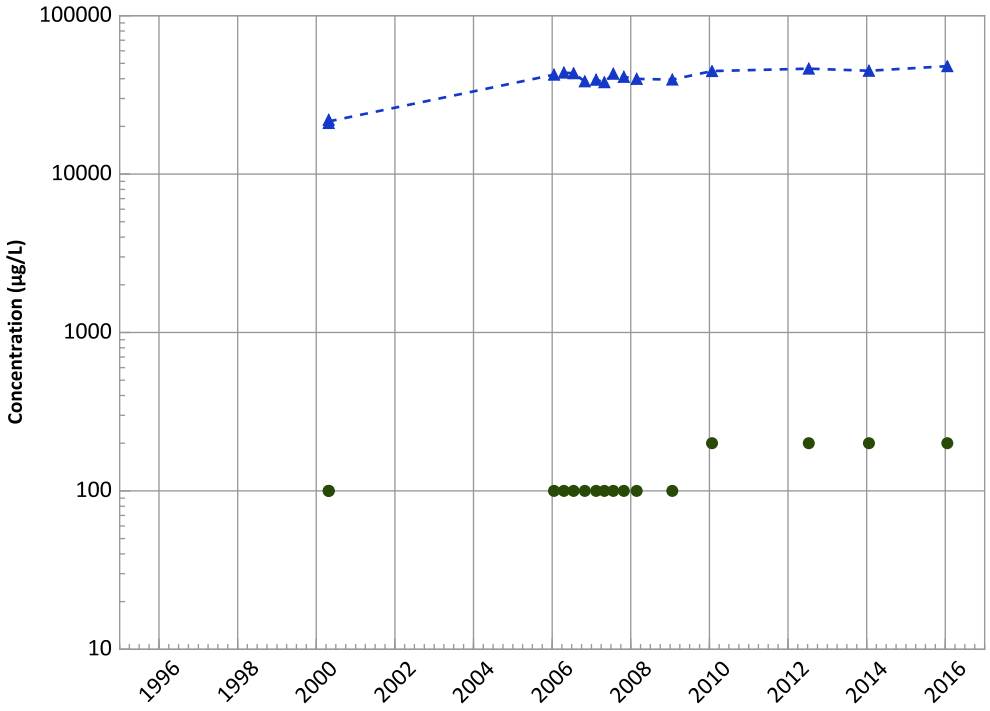
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

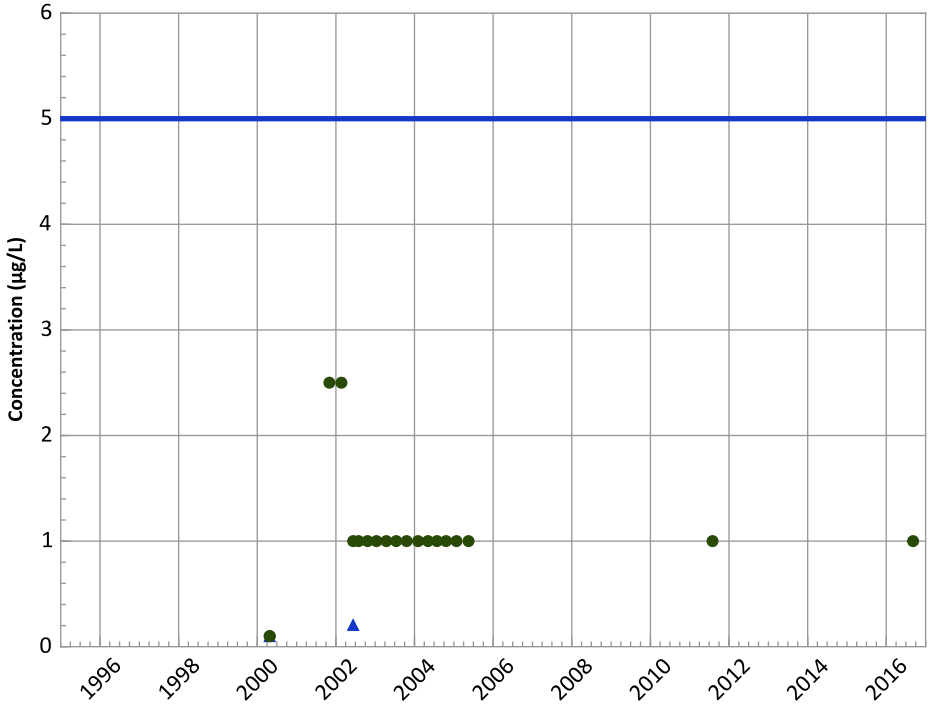


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Cadmium Trend



Concentration Trend

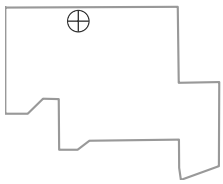
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

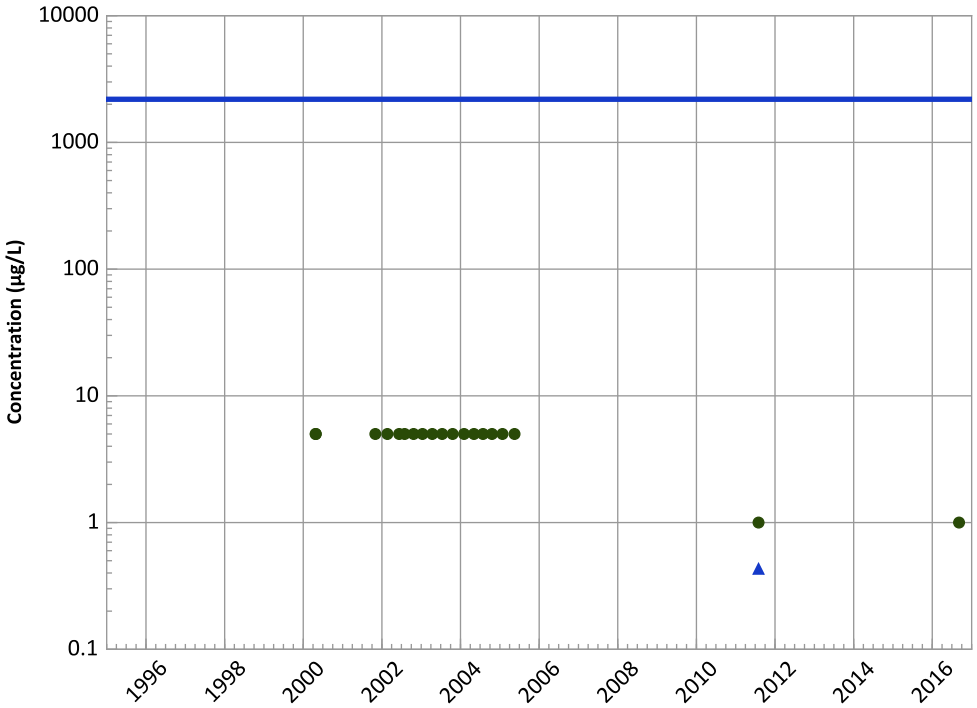
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Cobalt Trend

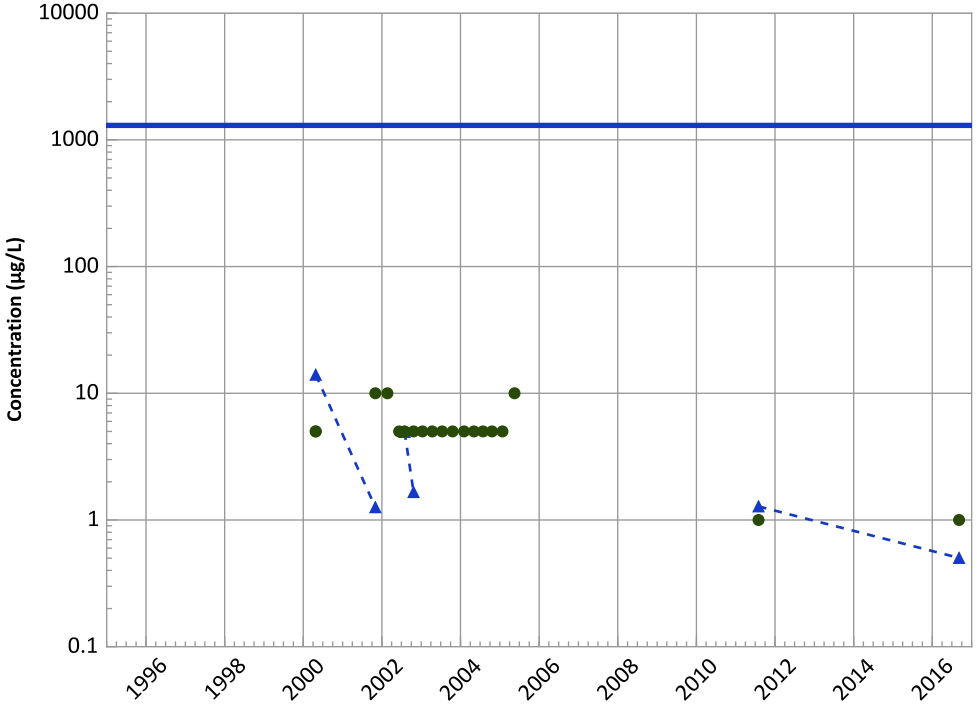


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Copper Trend



Concentration Trend

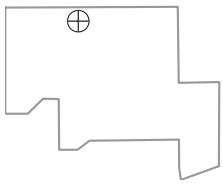
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

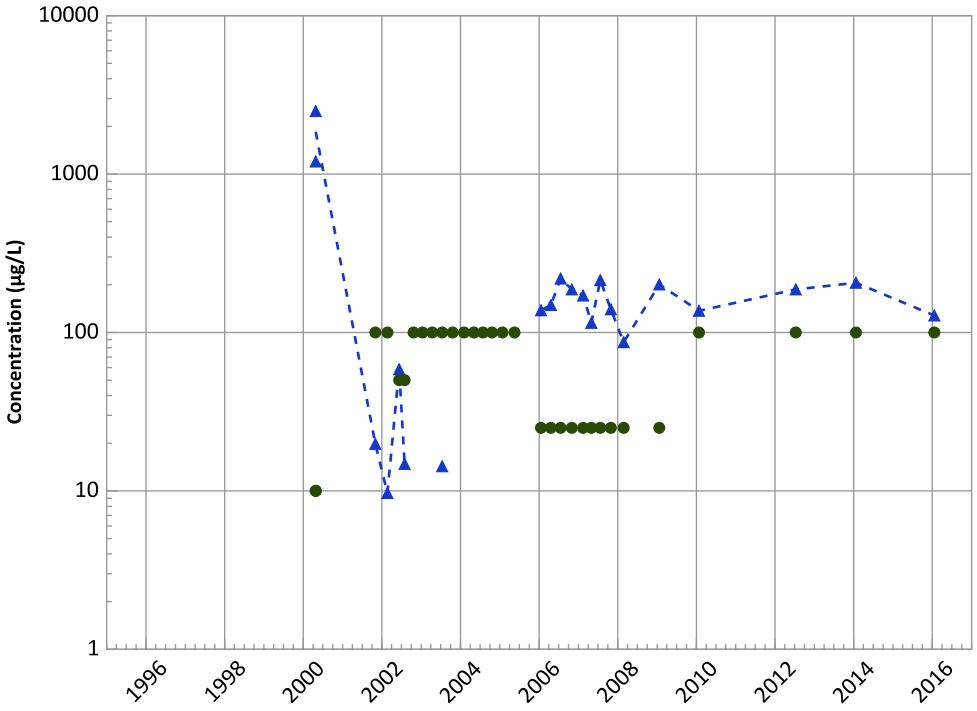
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

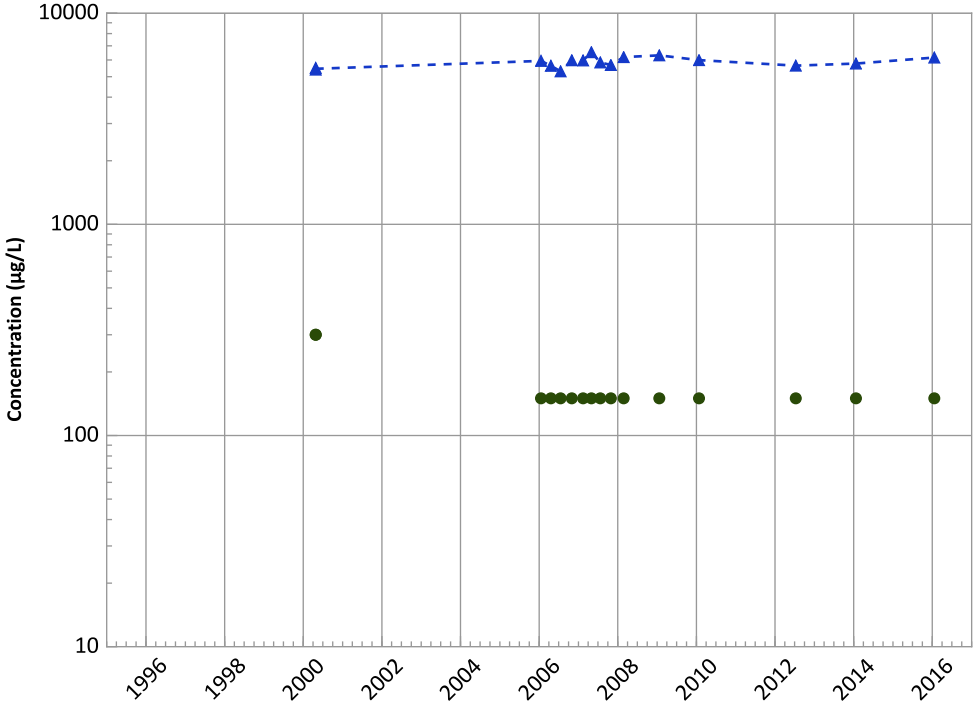


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

Potassium Trend



Concentration Trend

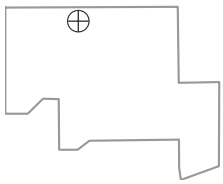
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

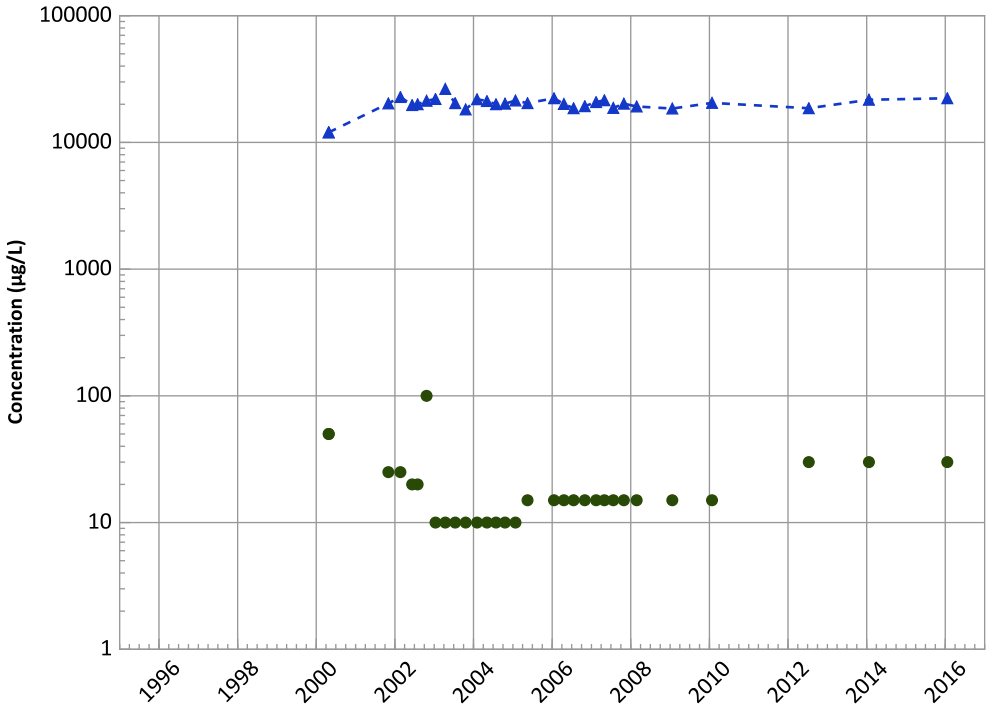
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

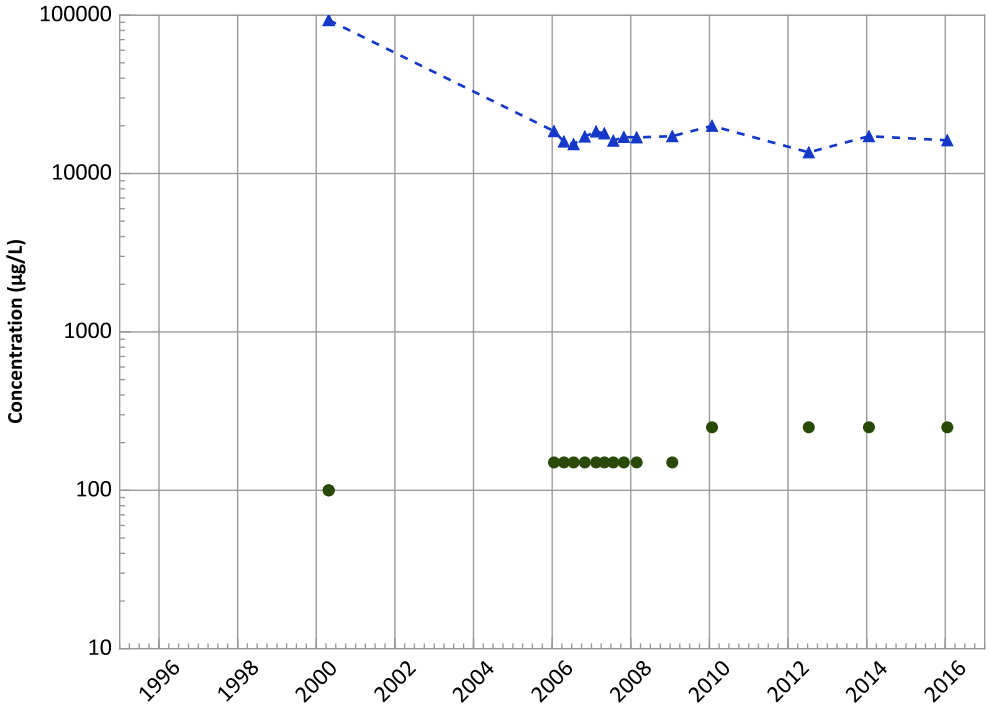


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Sodium Trend



Concentration Trend

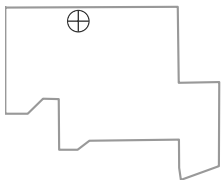
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

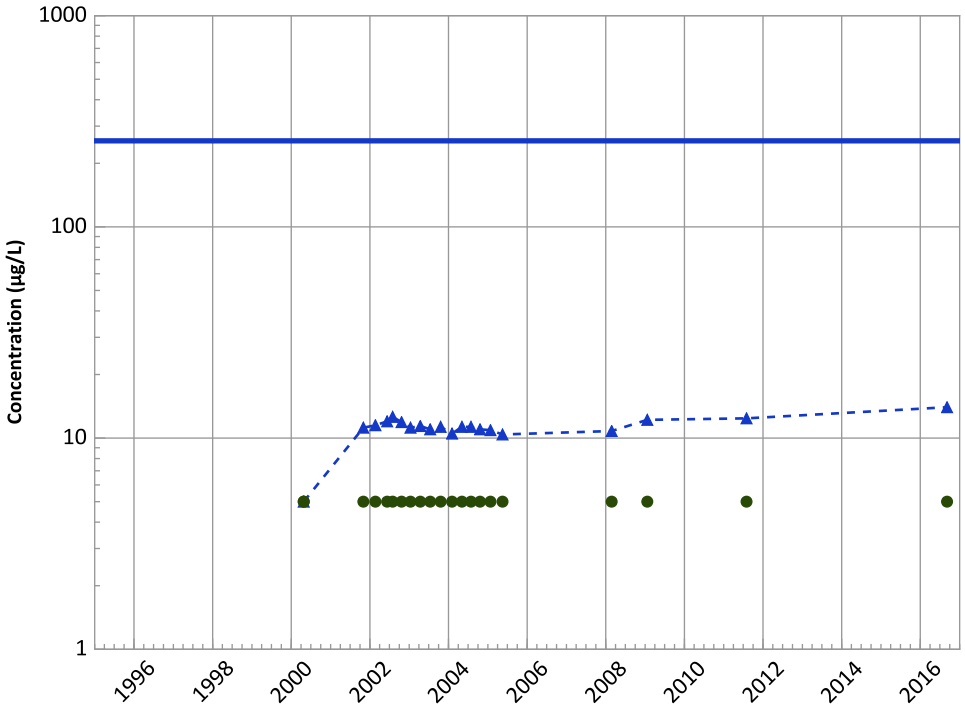
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

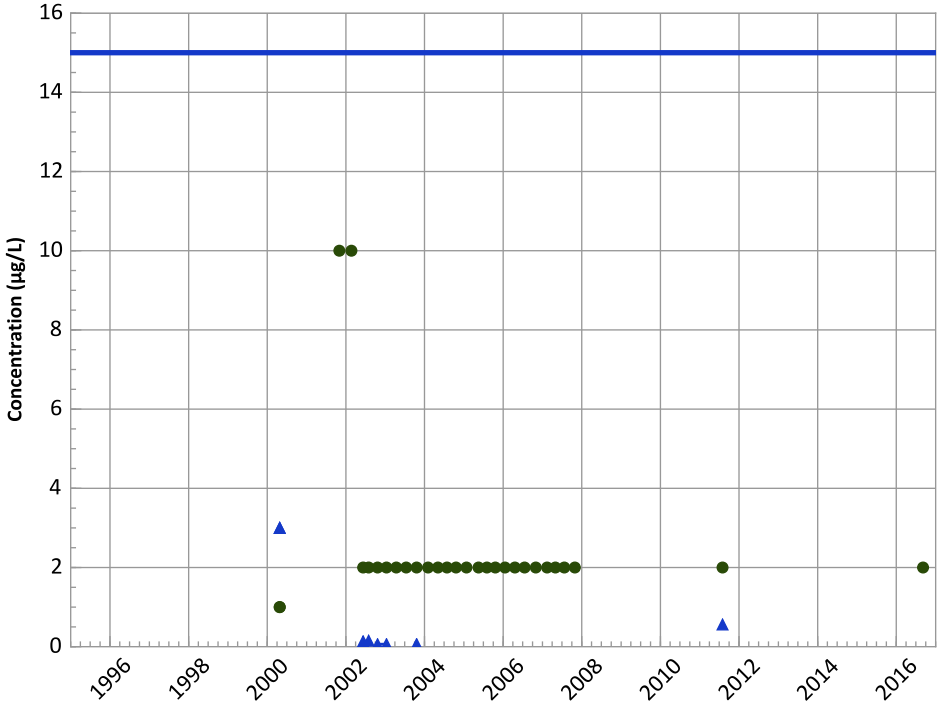


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Lead Trend



Concentration Trend

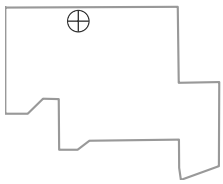
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

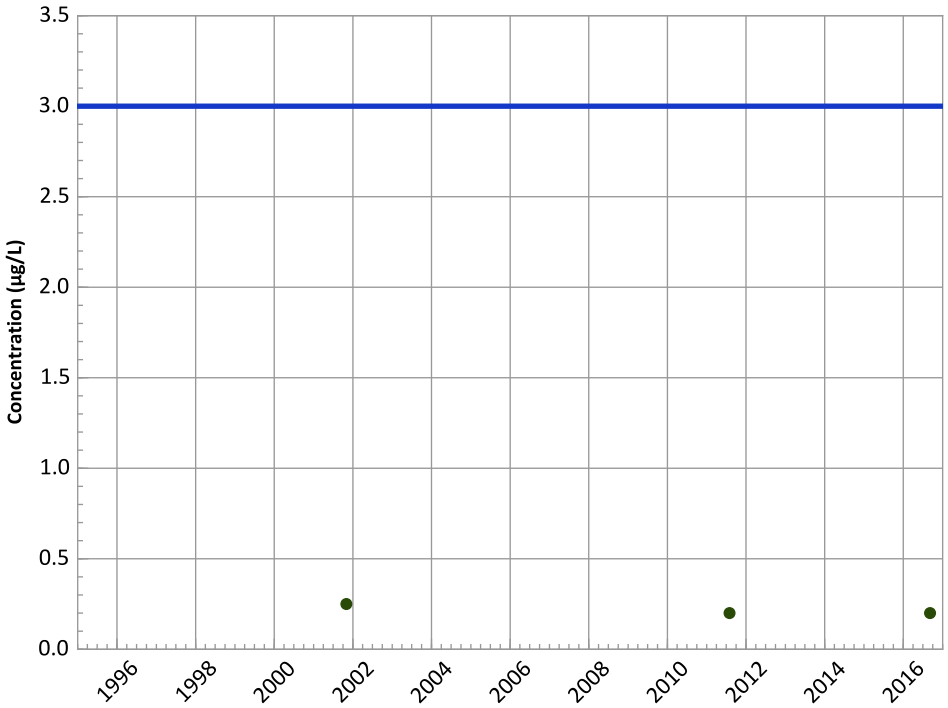
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Mercury Trend

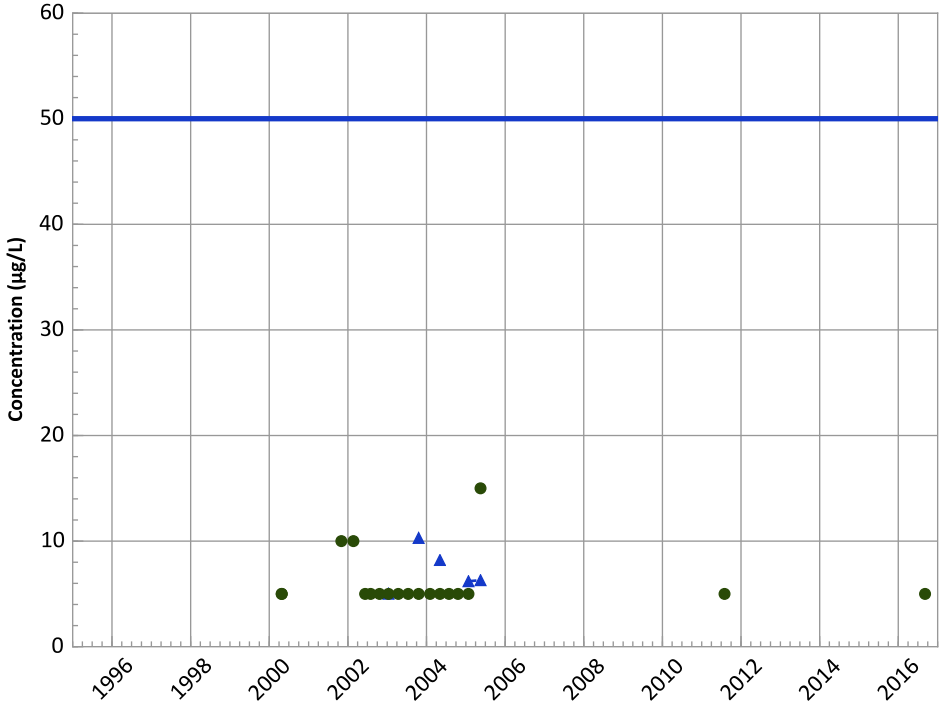


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Selenium Trend



Concentration Trend

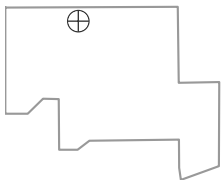
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

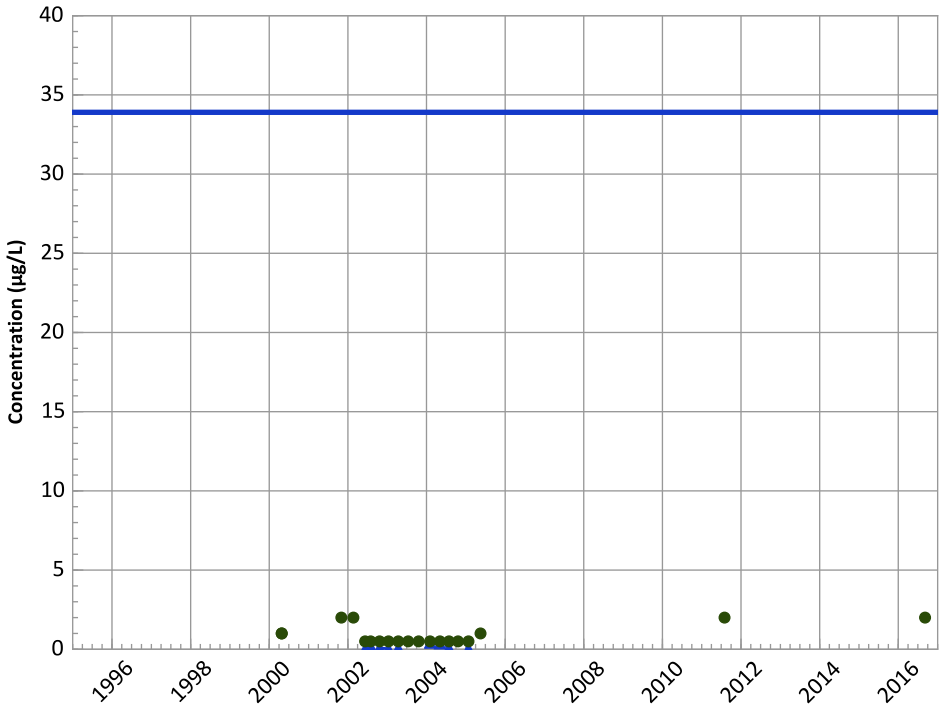
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Thallium Trend

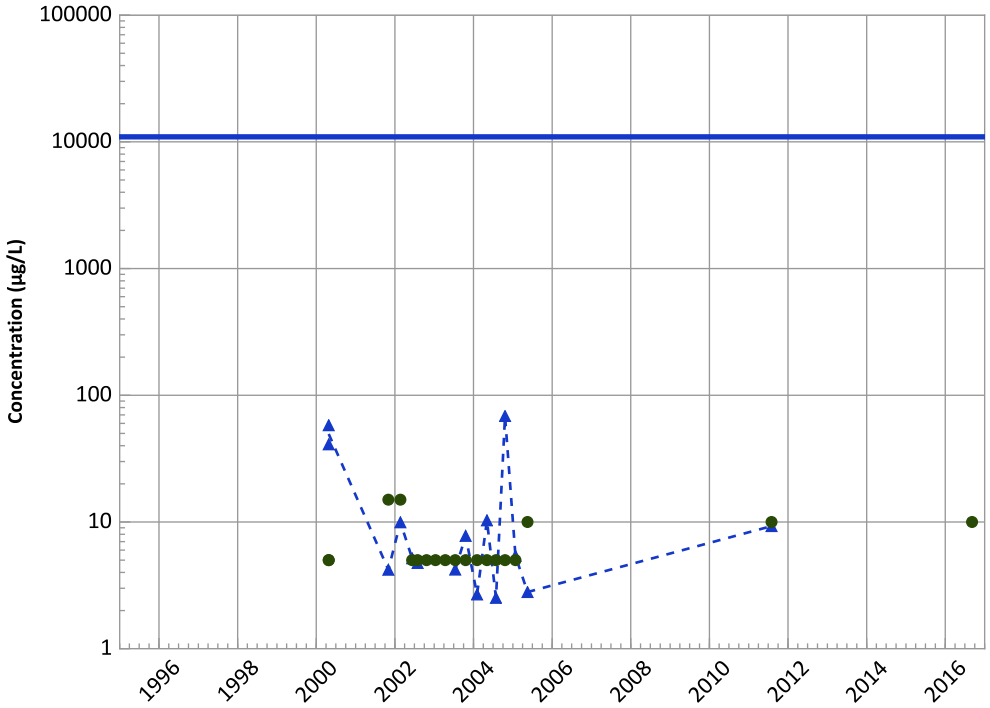


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Zinc Trend



Concentration Trend

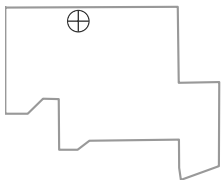
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

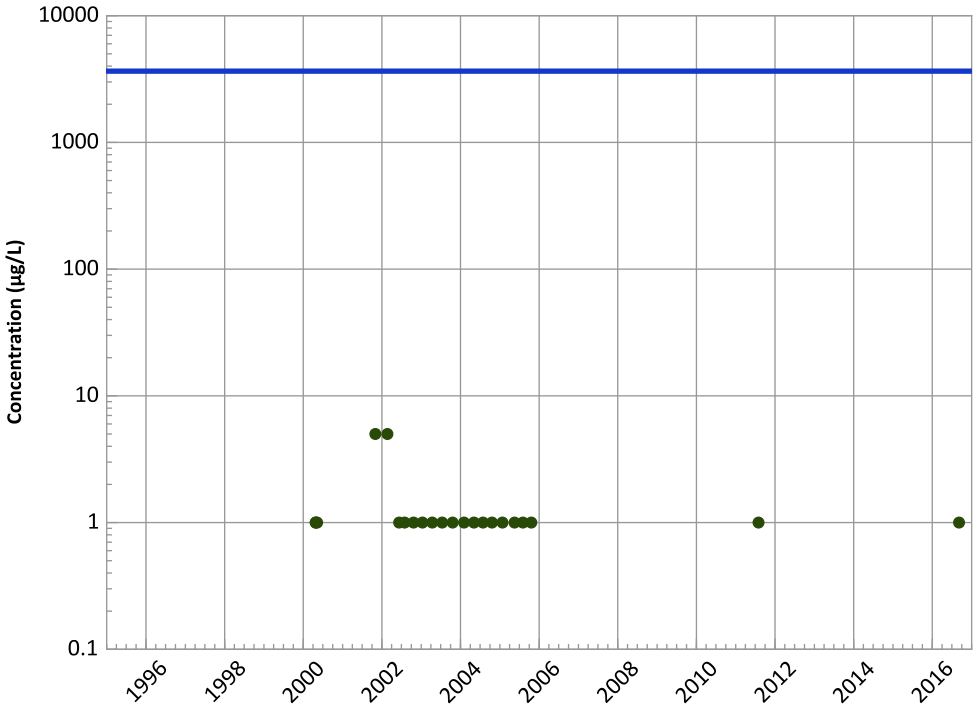
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1-Dichloroethane Trend

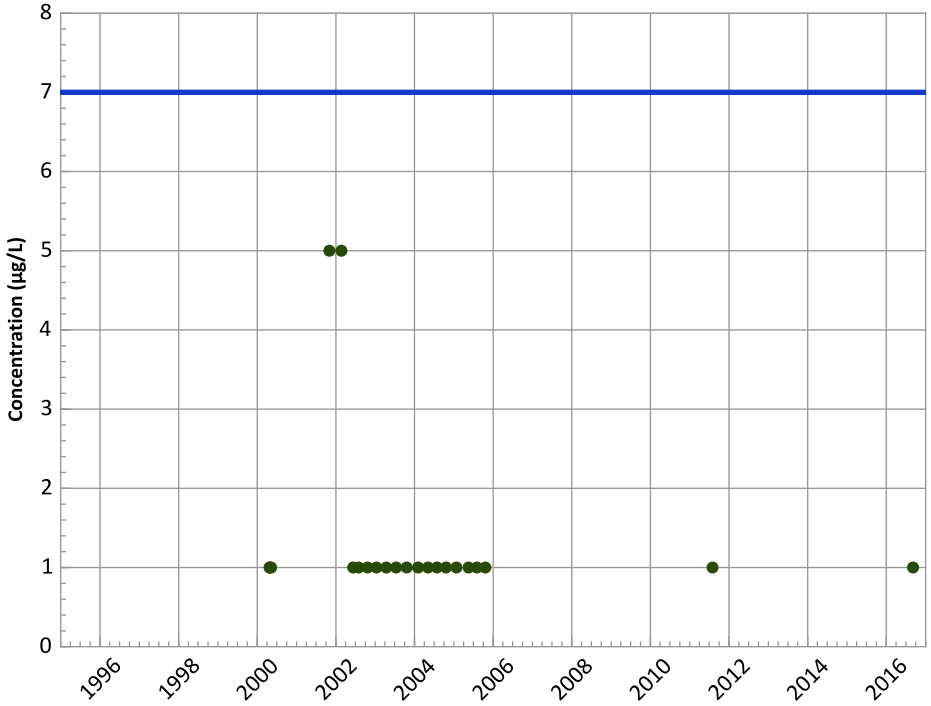


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1-Dichloroethene Trend



Concentration Trend

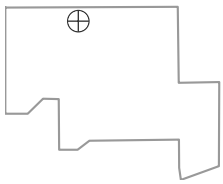
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

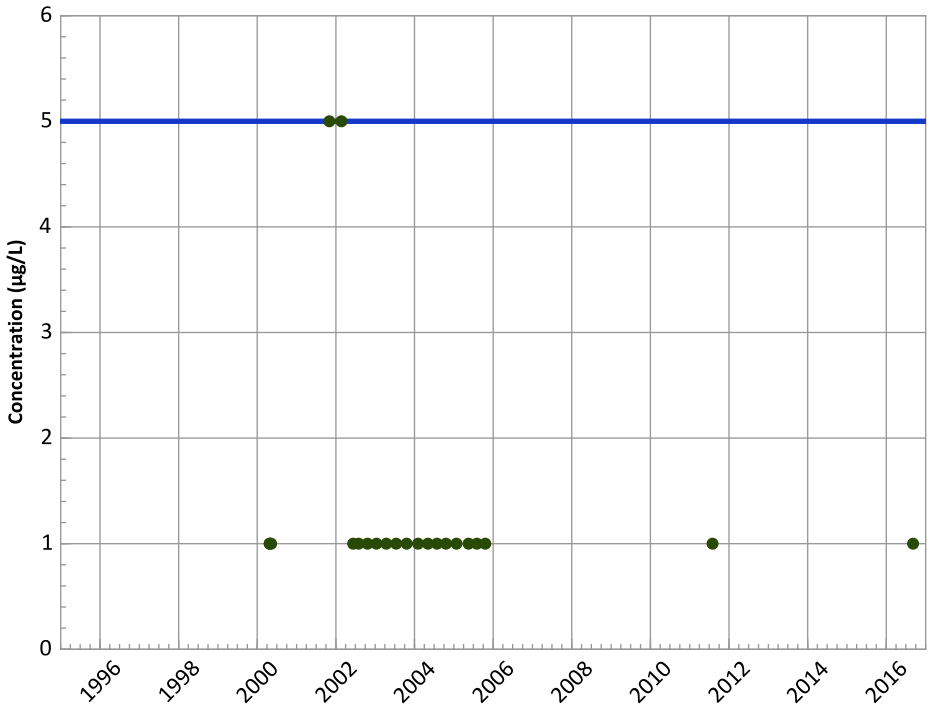
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1,2,2-Tetrachloroethane Trend

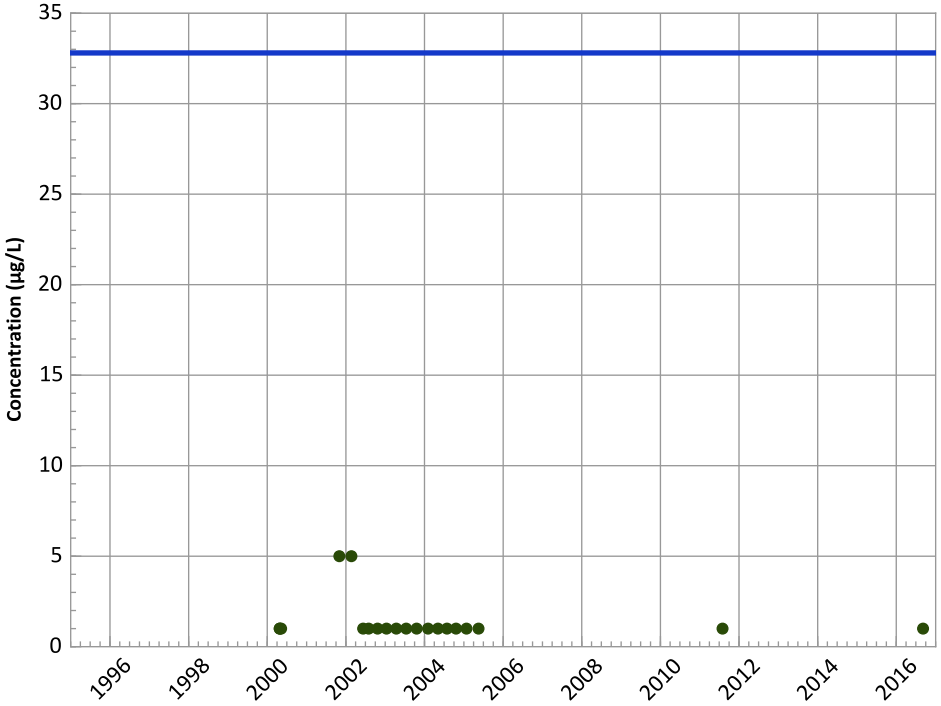


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1,1,2-Tetrachloroethane Trend



Concentration Trend

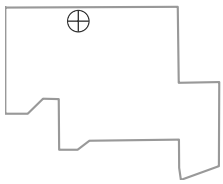
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

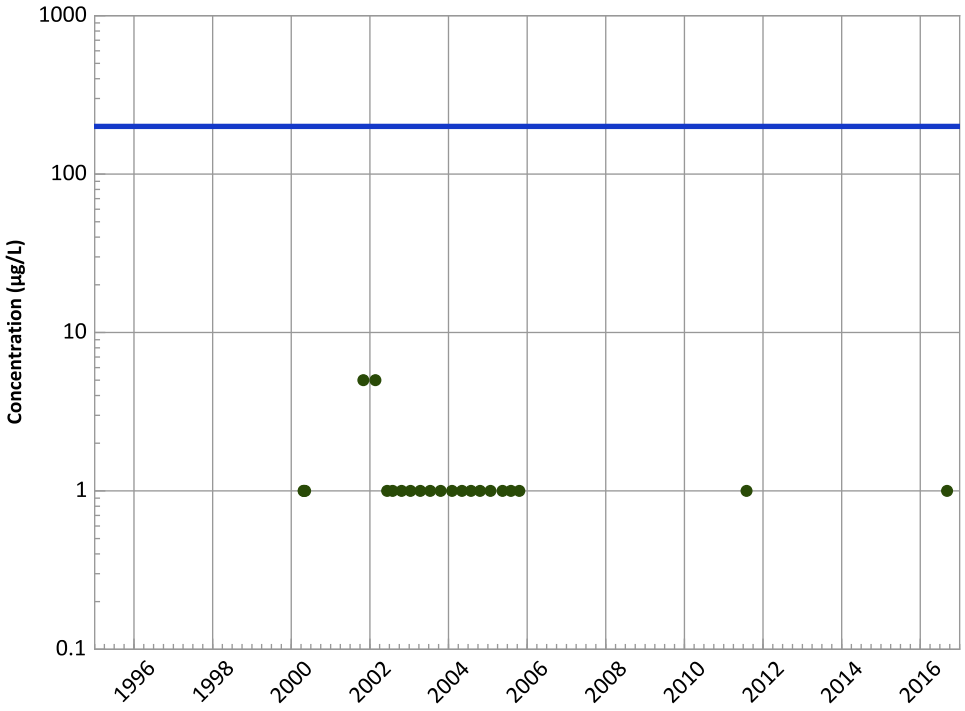
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1,1-Trichloroethane Trend

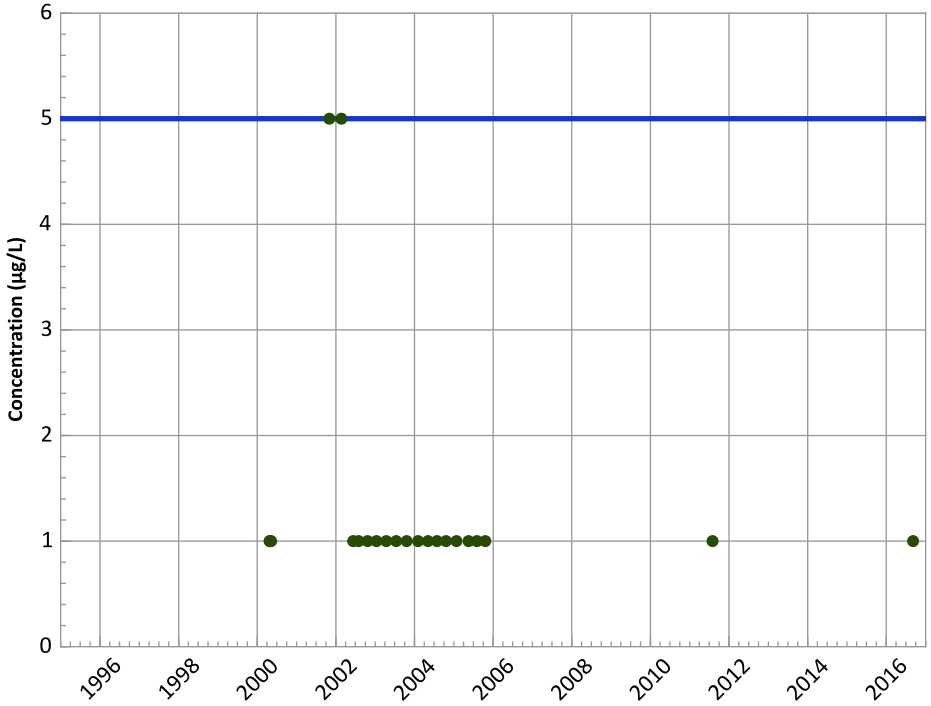


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1,2-Trichloroethane Trend



Concentration Trend

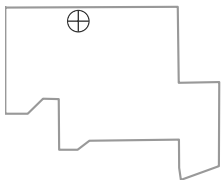
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

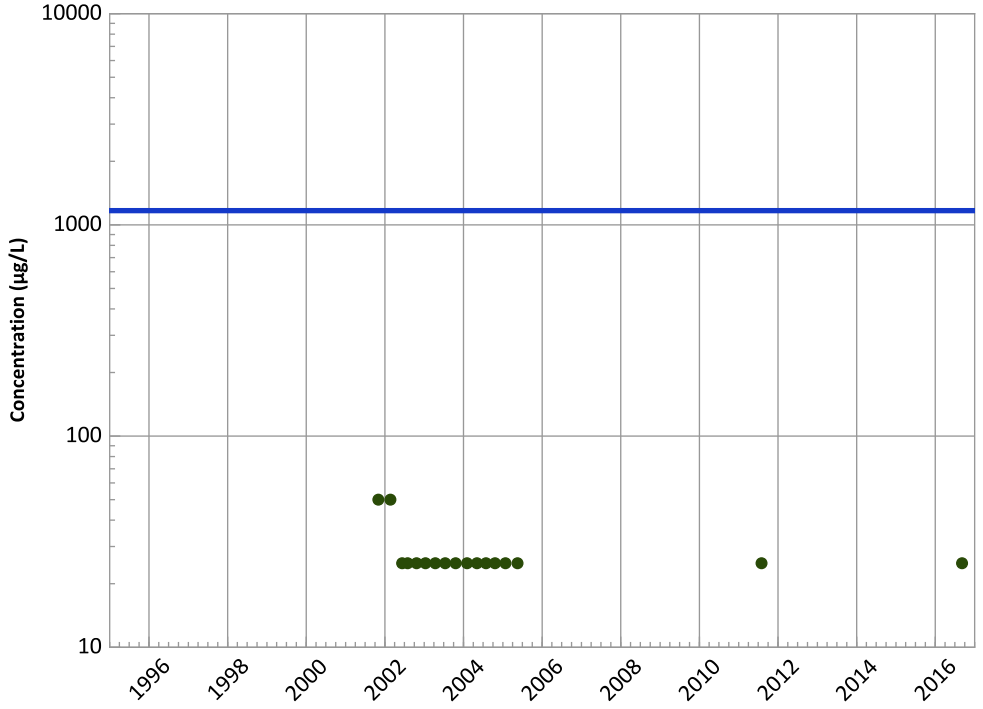
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Acetonitrile Trend

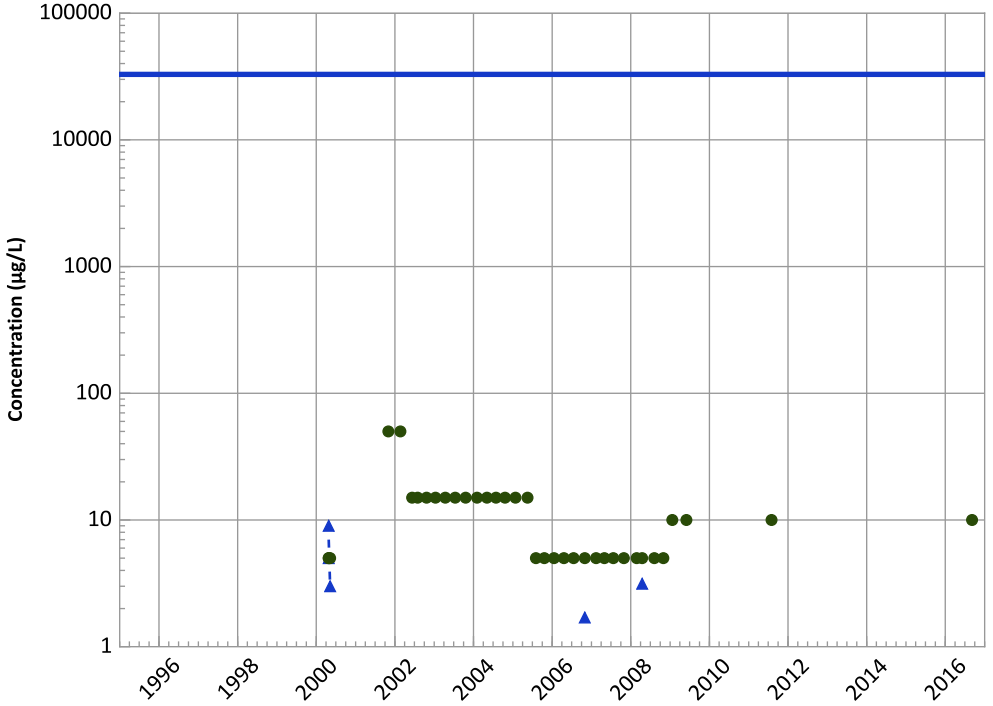


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Acetone Trend



Concentration Trend

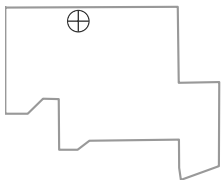
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

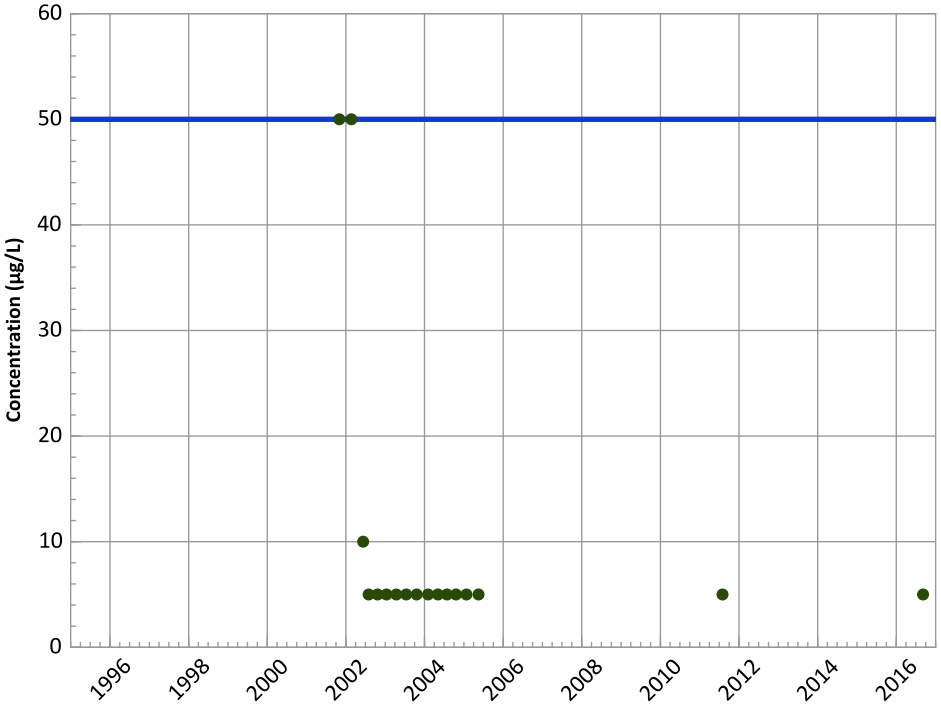
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Acrolein Trend

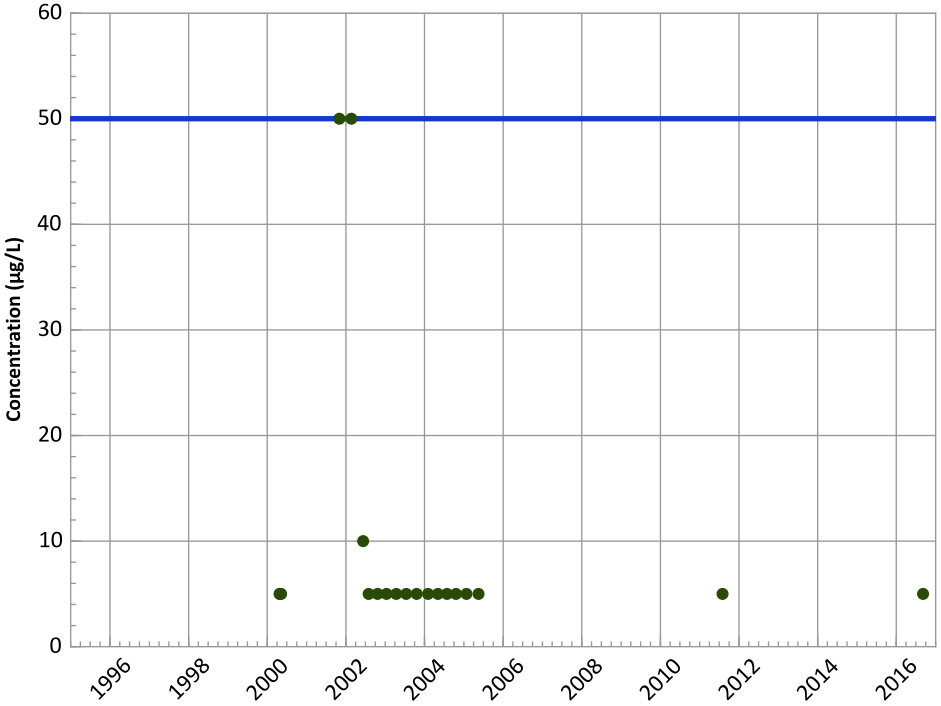


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Acrylonitrile Trend



Concentration Trend

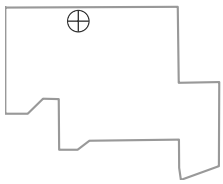
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

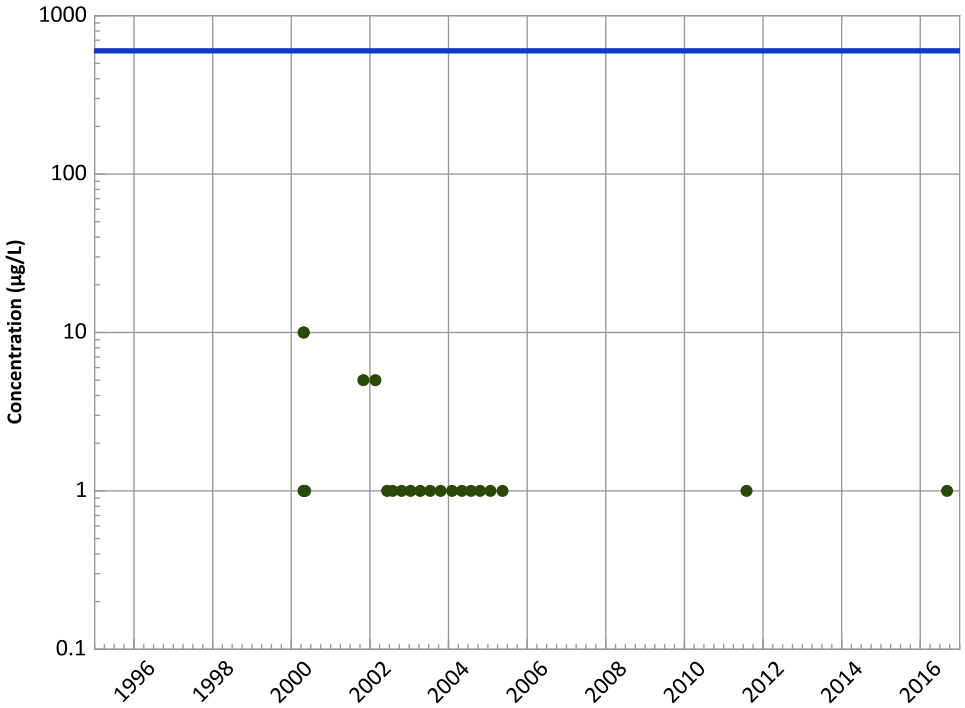
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichlorobenzene Trend

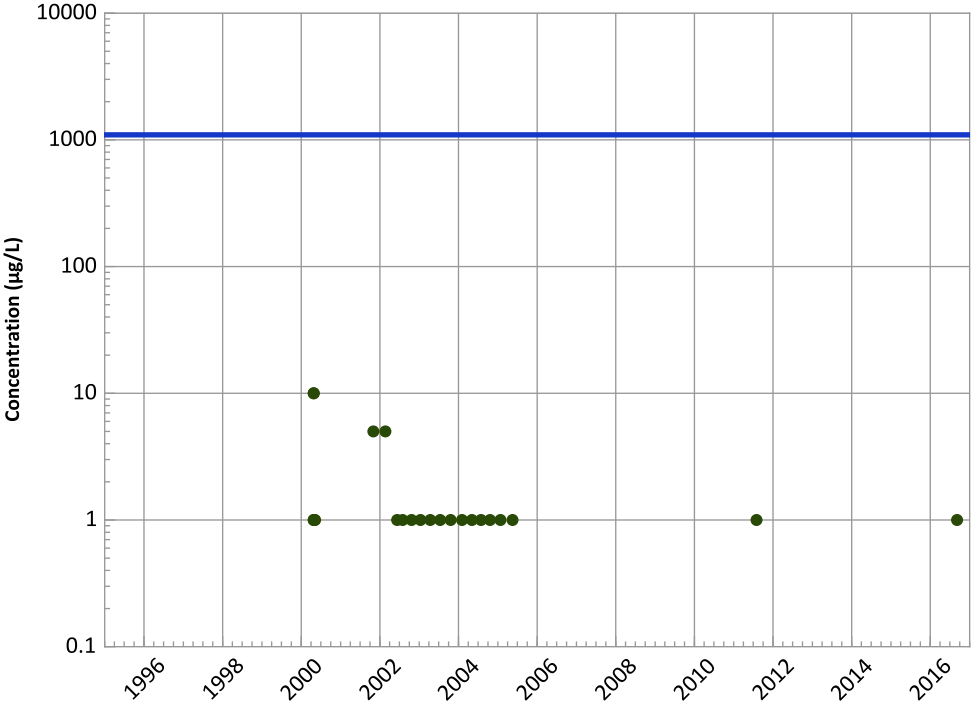


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,3-Dichlorobenzene Trend



Concentration Trend

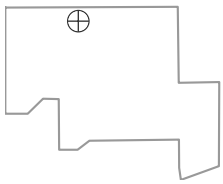
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

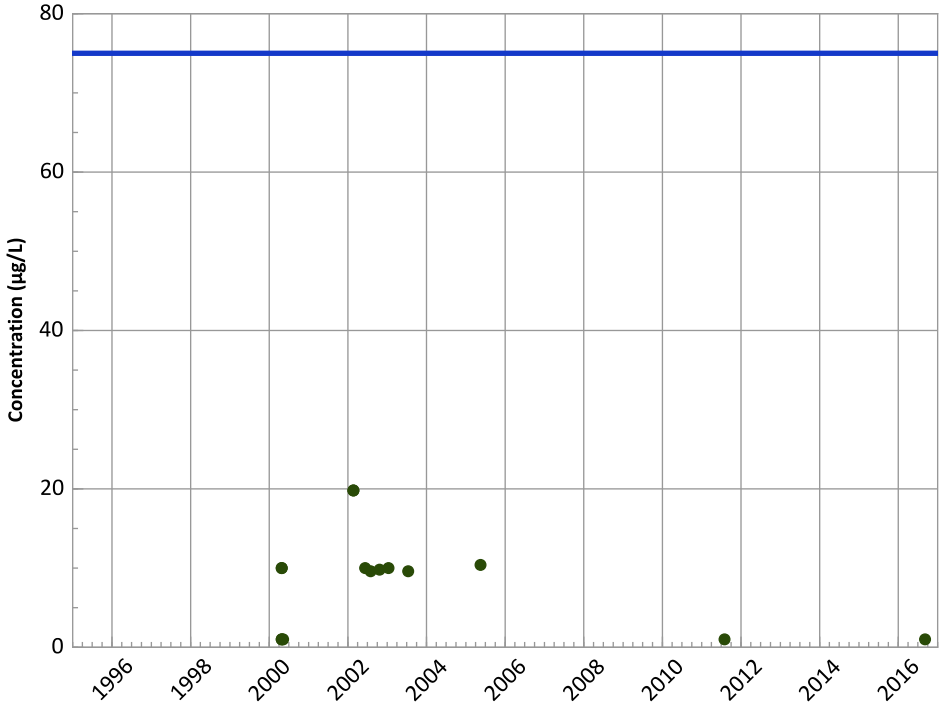
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,4-Dichlorobenzene Trend

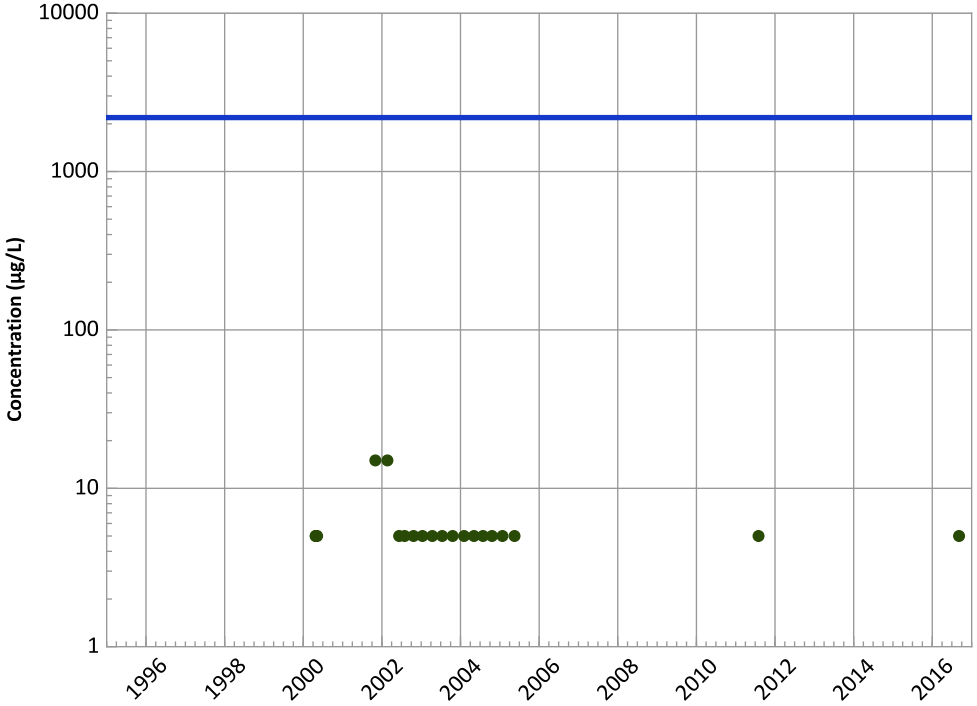


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2-Hexanone Trend



Concentration Trend

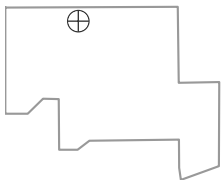
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

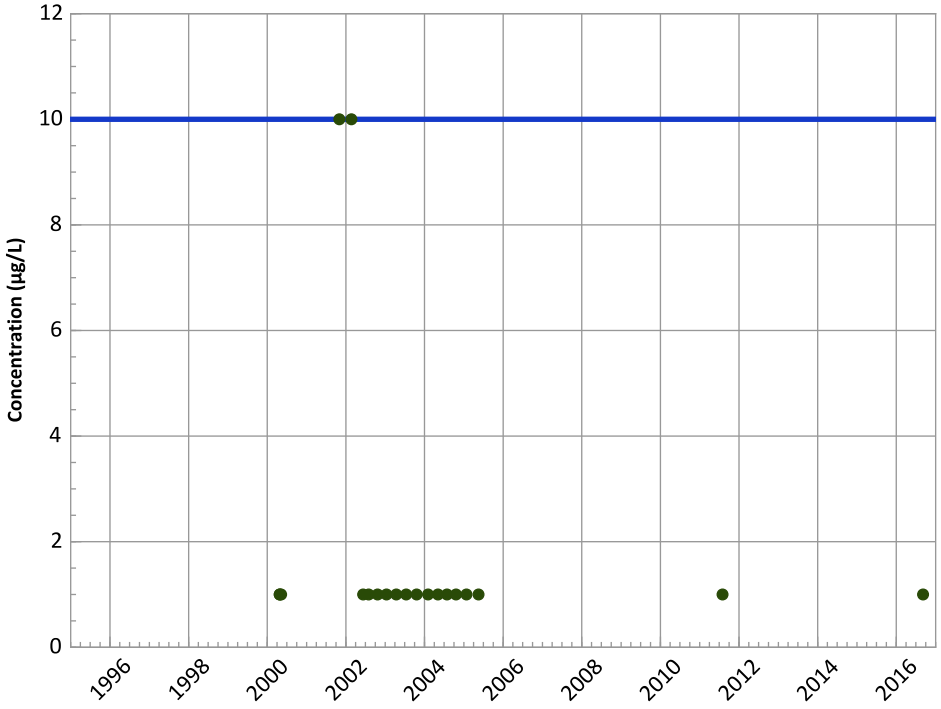
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2,3-Trichloropropane Trend

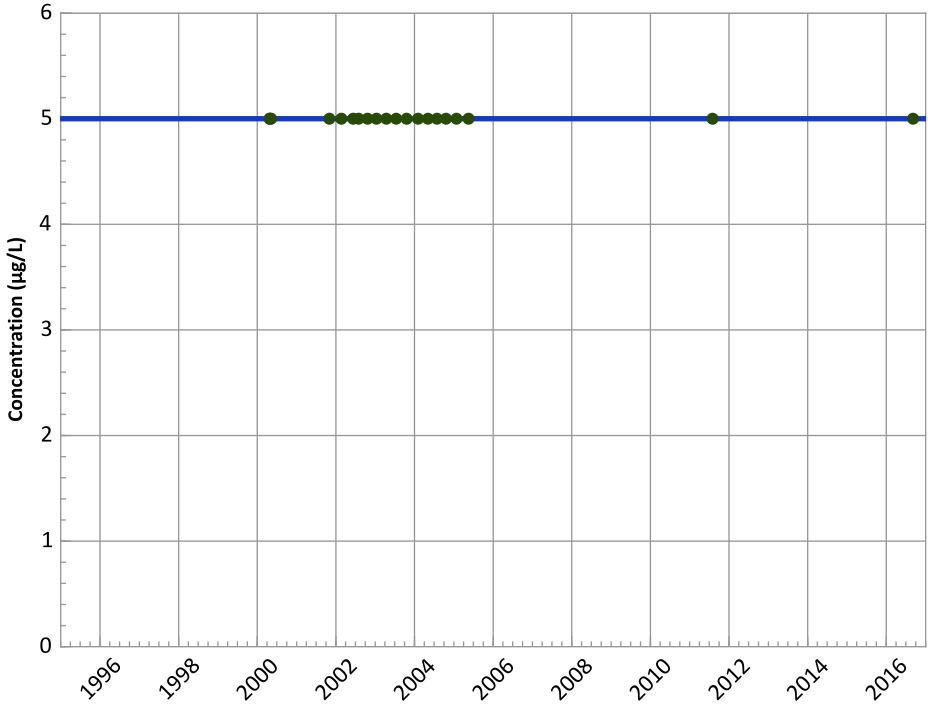


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Allyl Chloride Trend



Concentration Trend

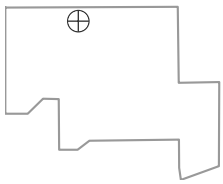
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

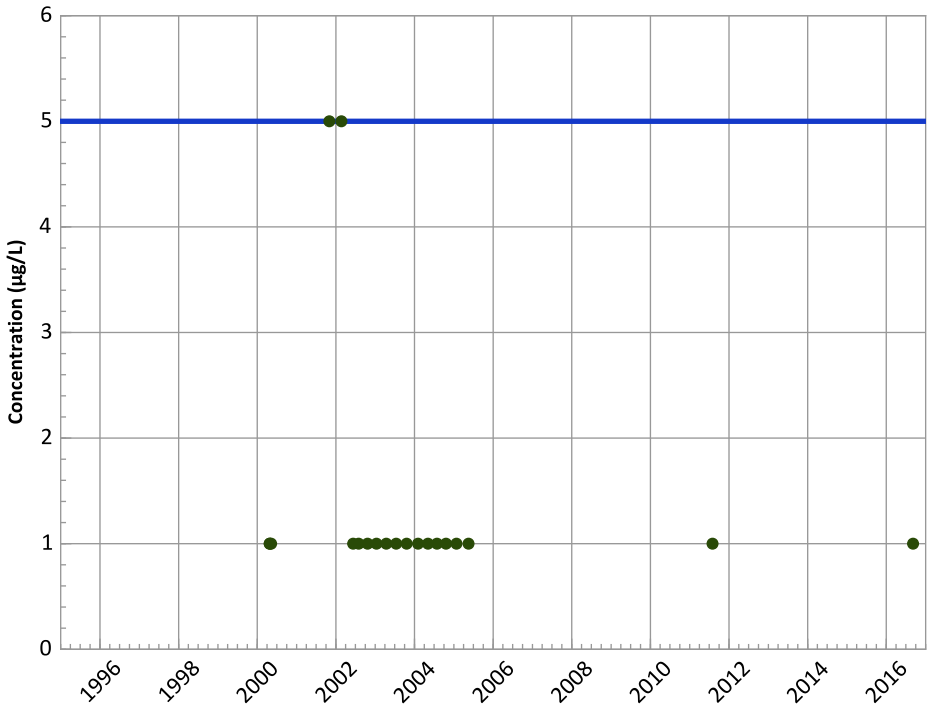
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Benzene Trend

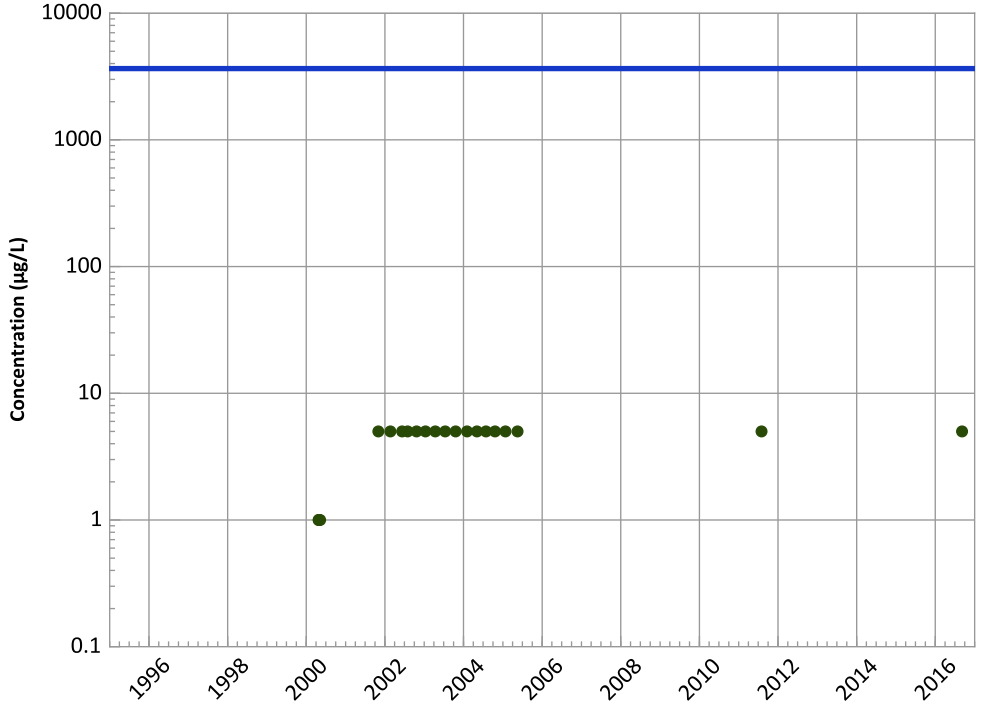


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Carbon Disulfide Trend



Concentration Trend

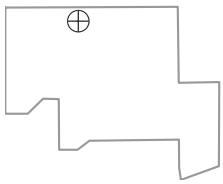
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

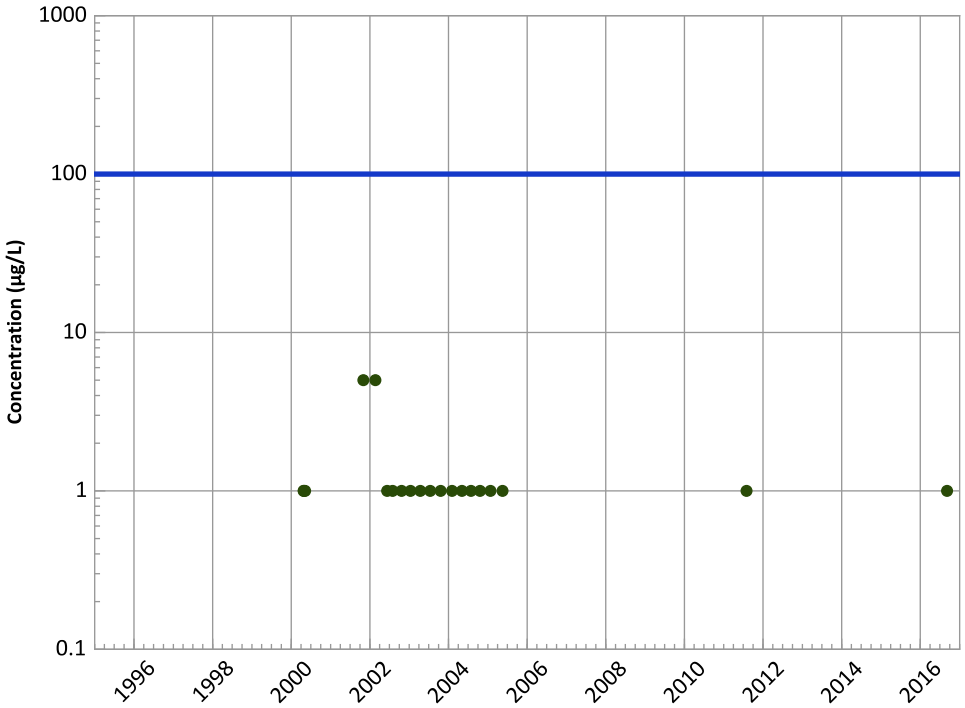
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chlorobenzene Trend

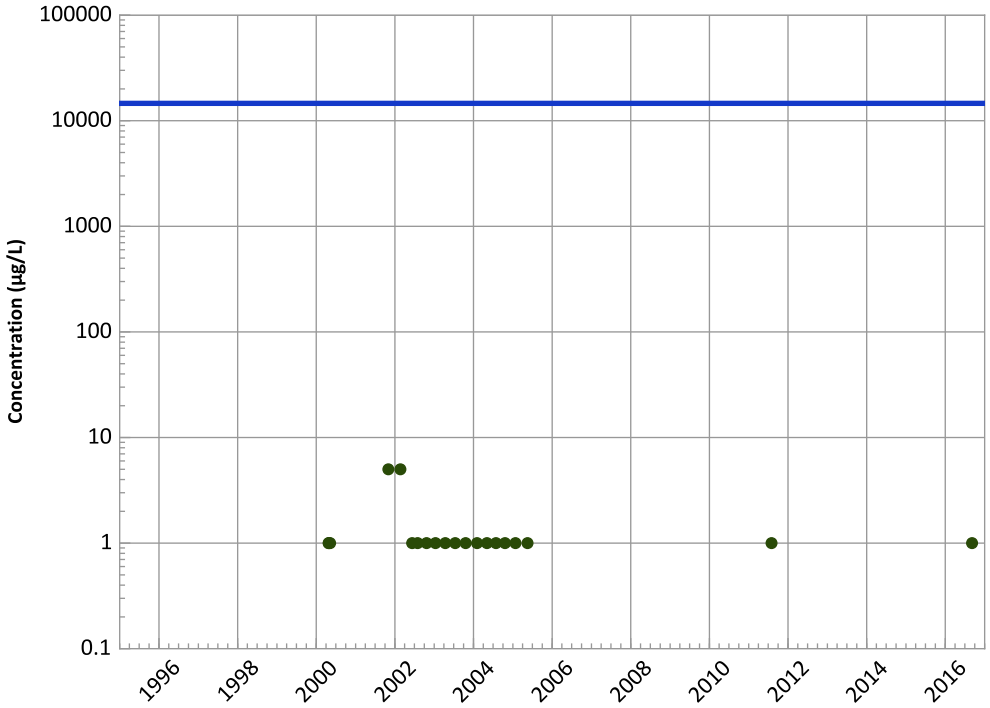


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Chloroethane Trend



Concentration Trend

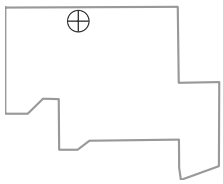
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

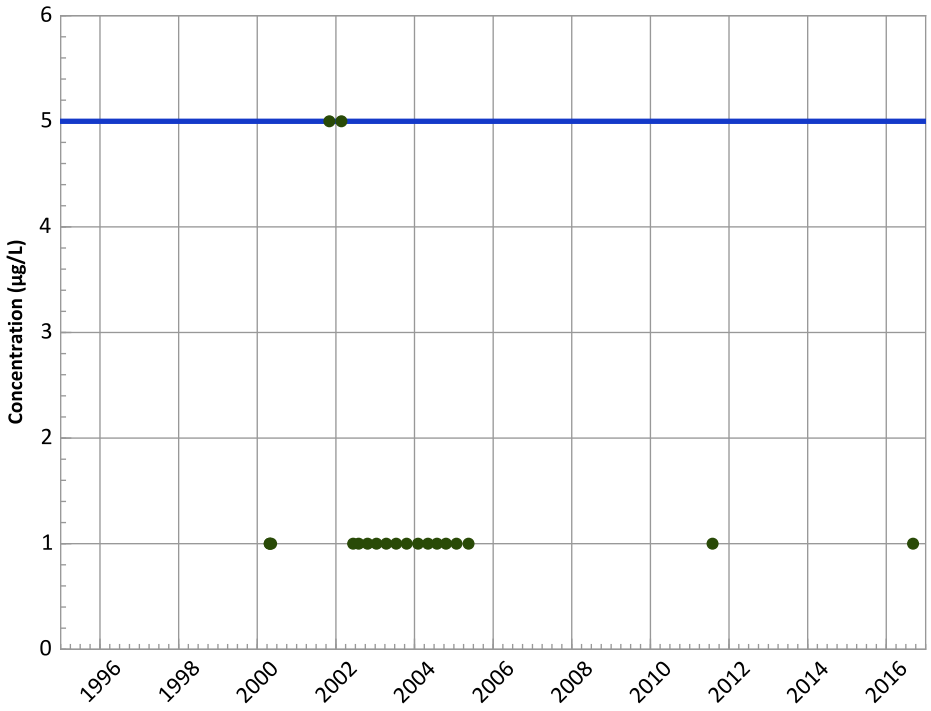
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Carbon Tetrachloride Trend

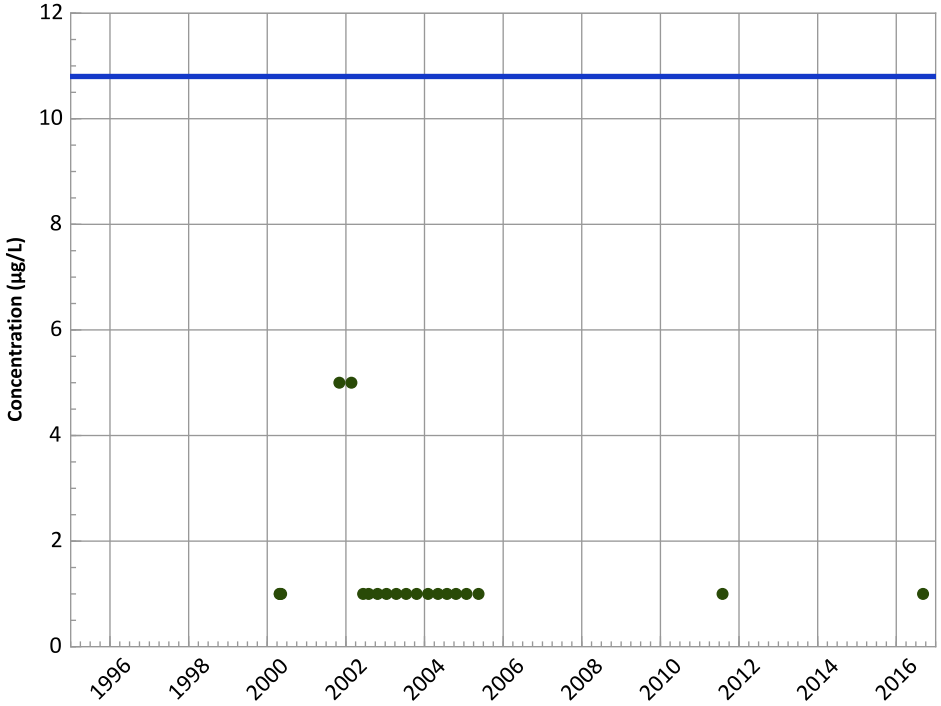


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Bromoform Trend



Concentration Trend

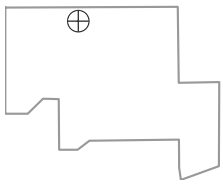
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

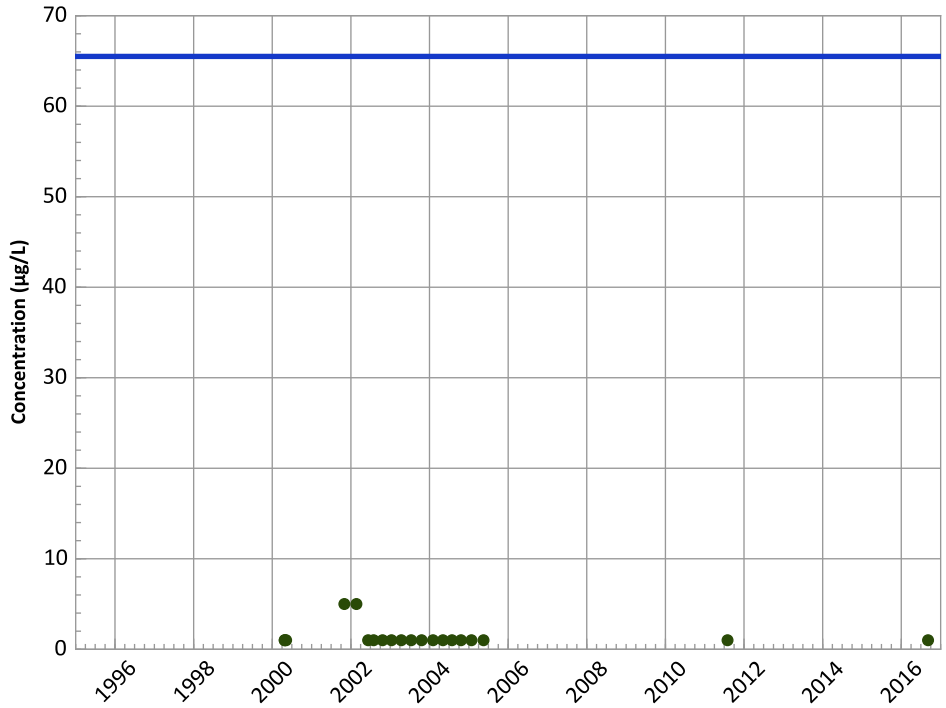
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloromethane Trend

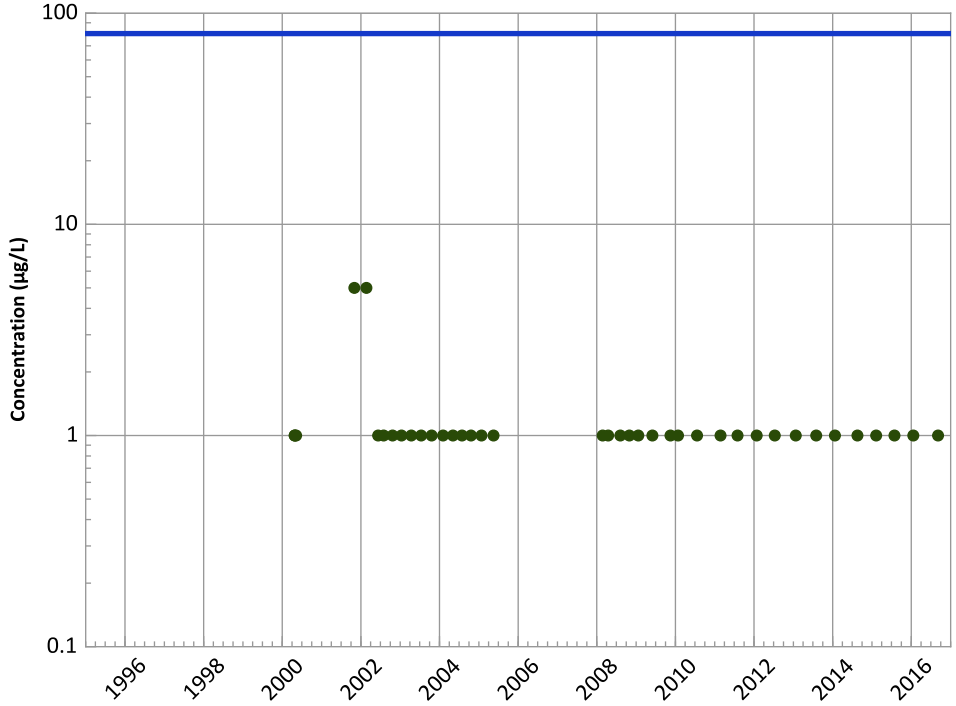


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Chloroform Trend



Concentration Trend

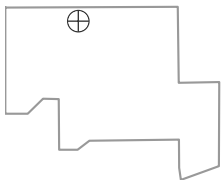
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

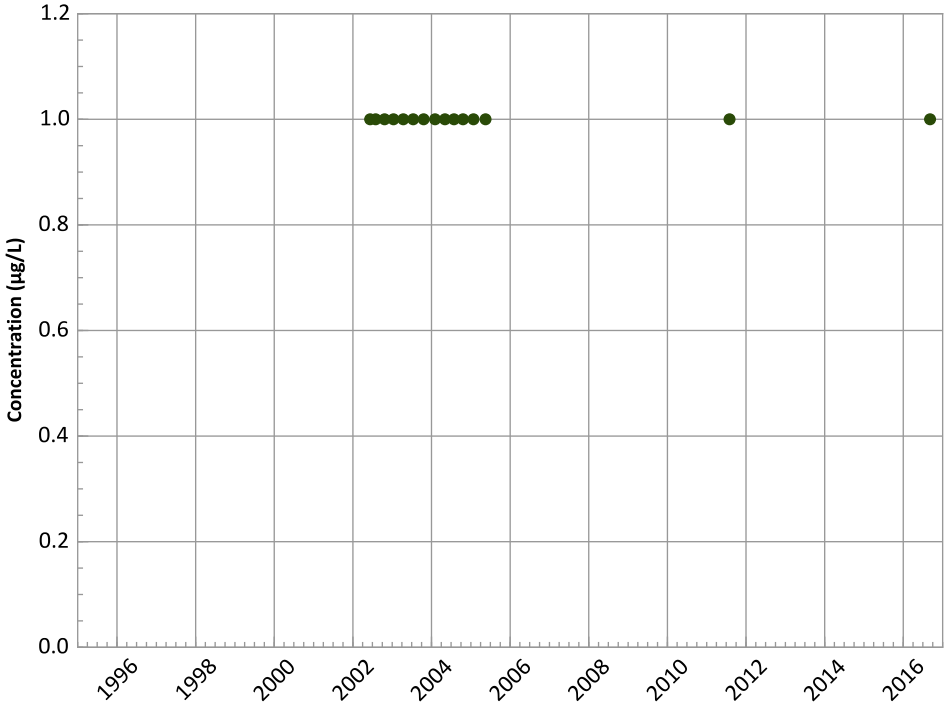
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2-Chloro-1,3-Butadiene Trend

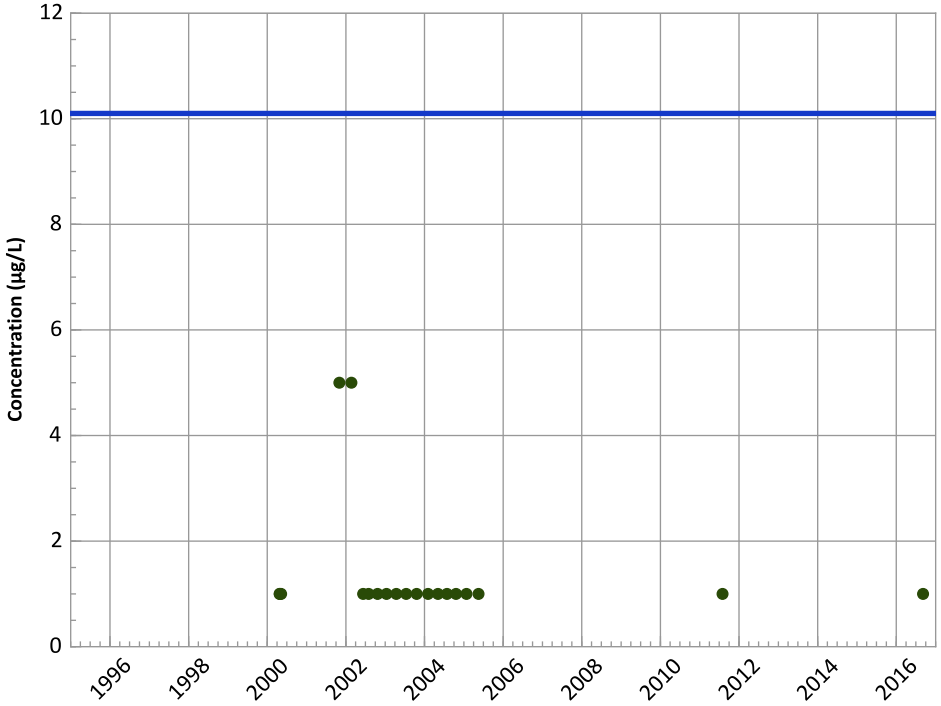


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Dibromochloromethane Trend



Concentration Trend

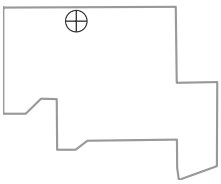
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

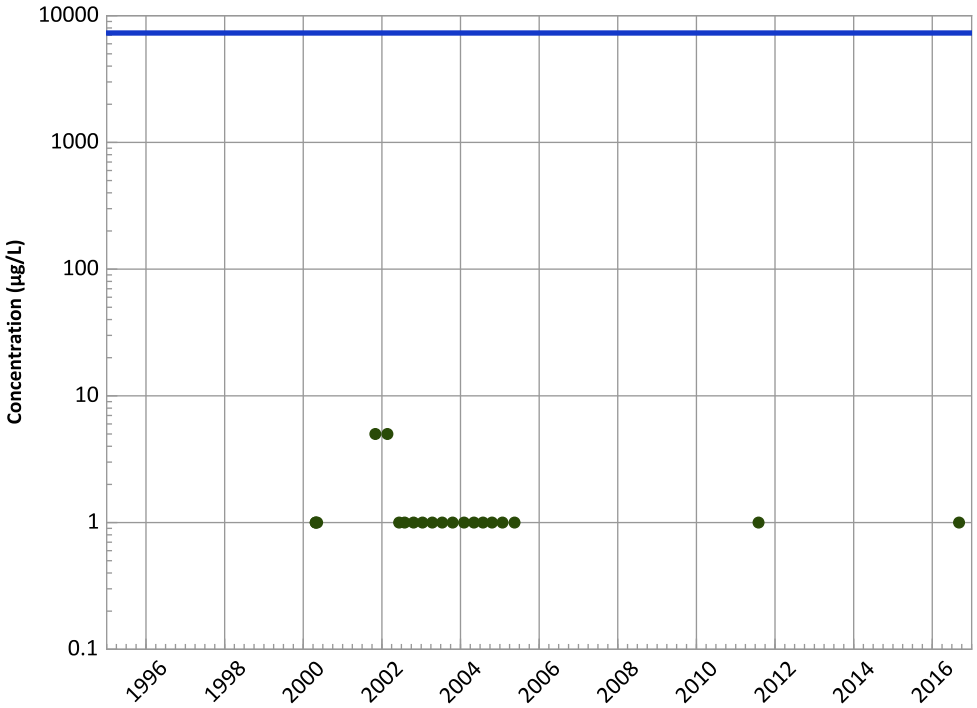
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Dichlorodifluoromethane Trend

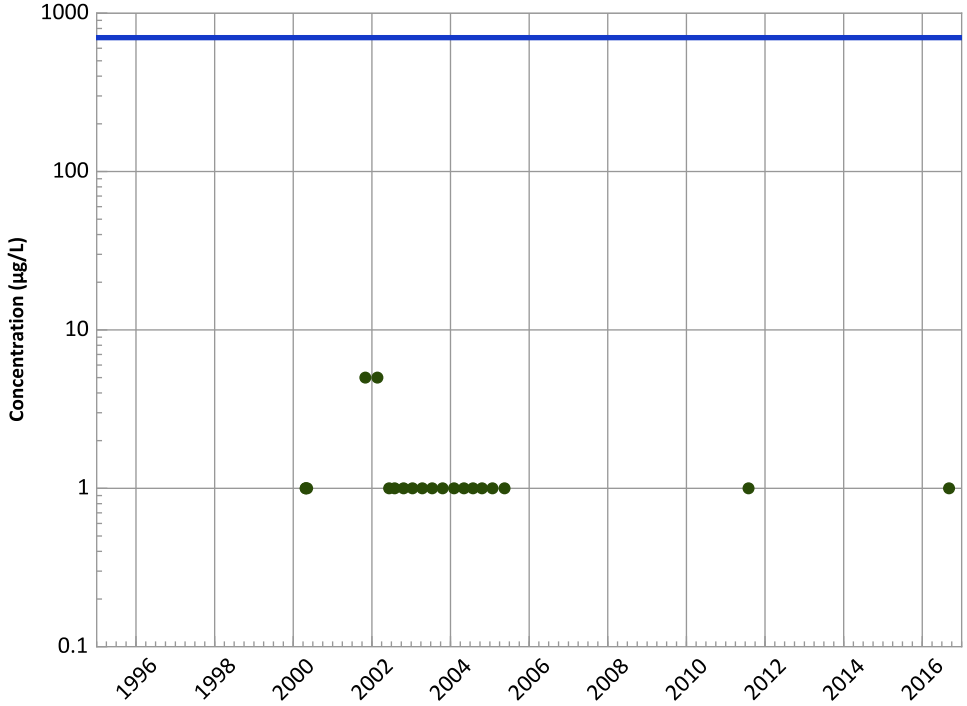


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Ethylbenzene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

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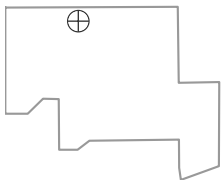
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

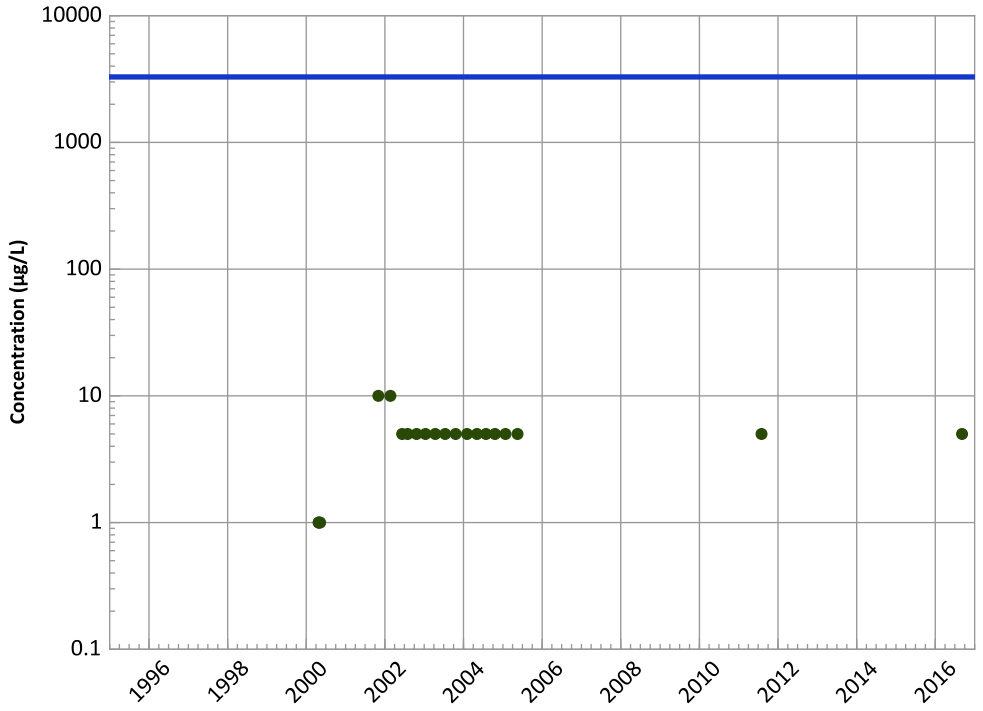
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Ethyl Methacrylate Trend

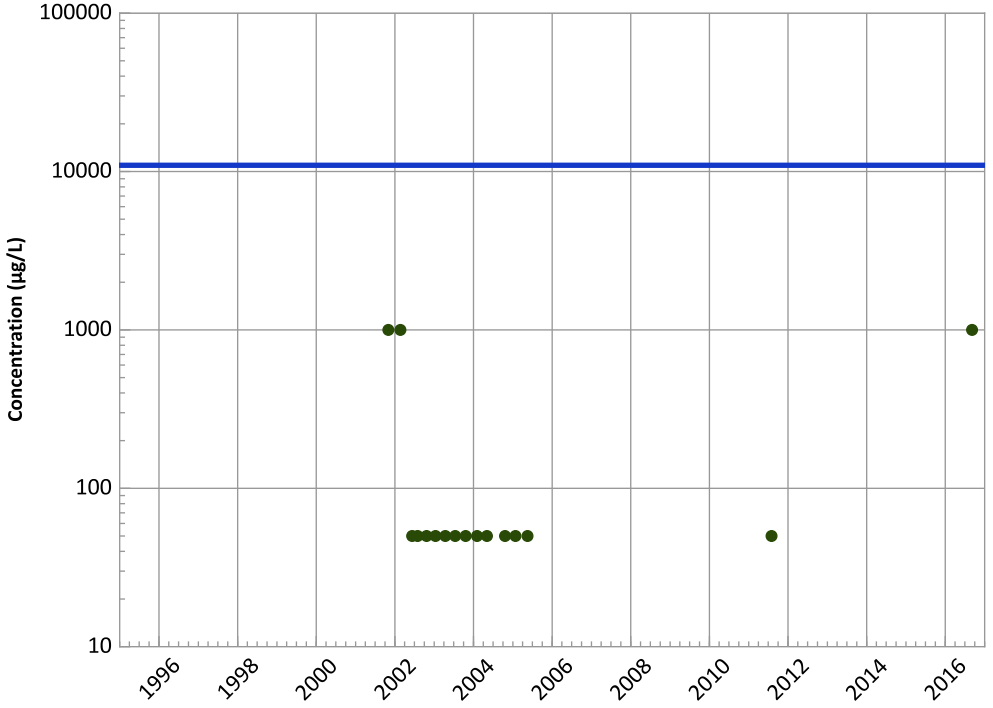


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Isobutanol Trend



Concentration Trend

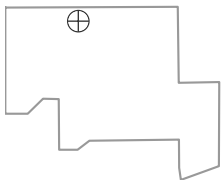
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

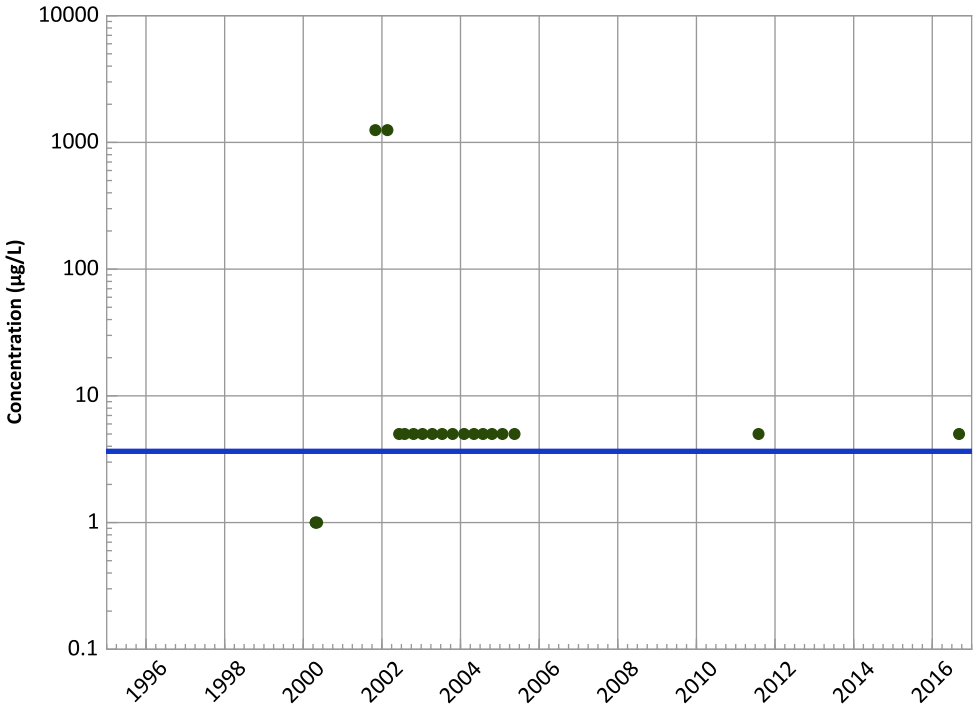
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methylacrylonitrile Trend

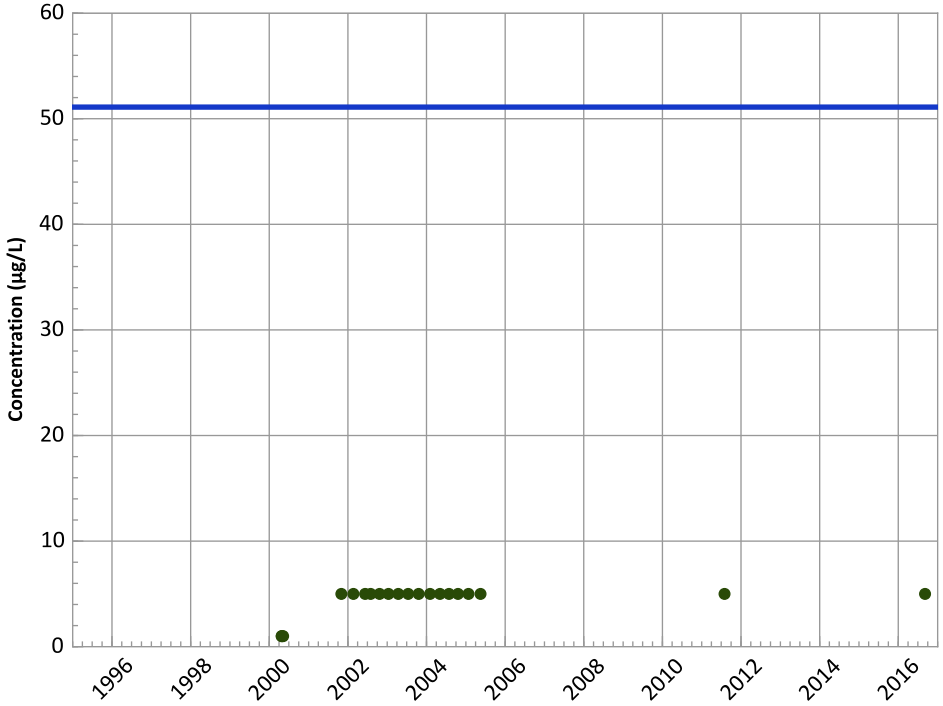


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Iodomethane (Methyl Iodide) Trend



Concentration Trend

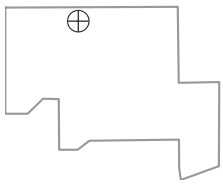
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

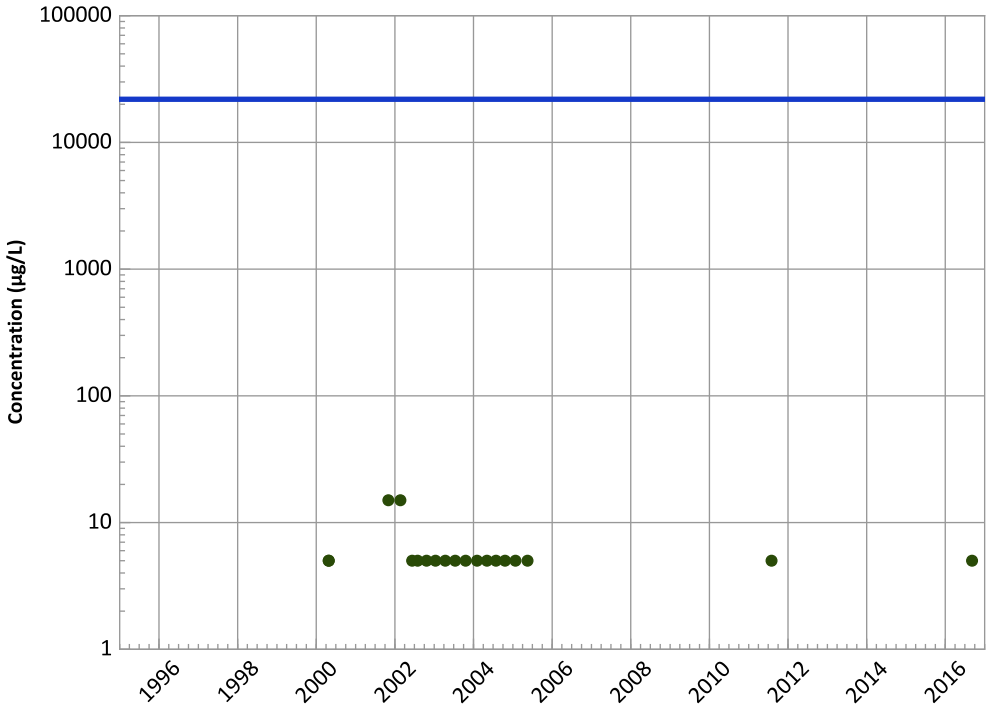
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methyl Ethyl Ketone (2-Butanone) Trend

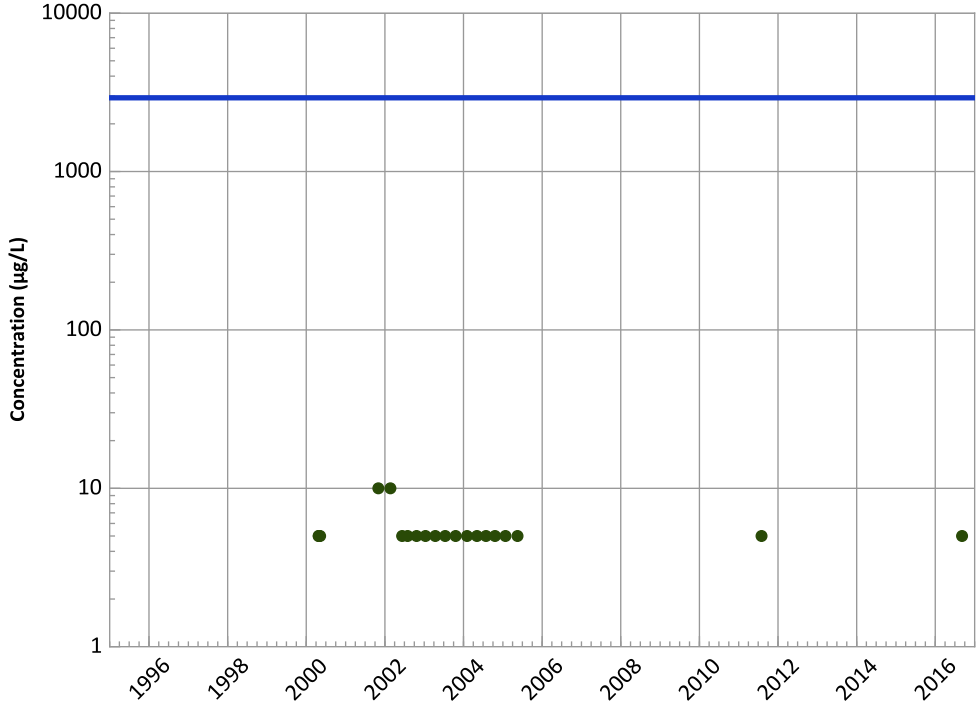


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) Trend



Concentration Trend

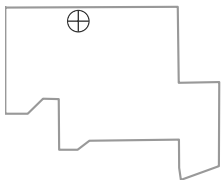
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

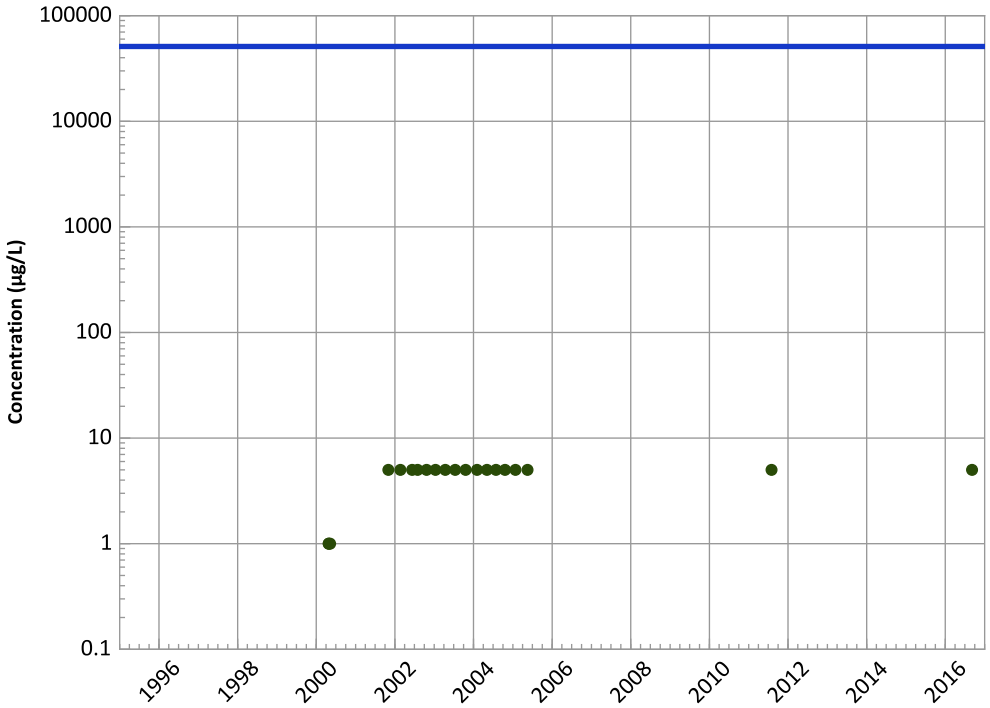
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methyl Methacrylate Trend

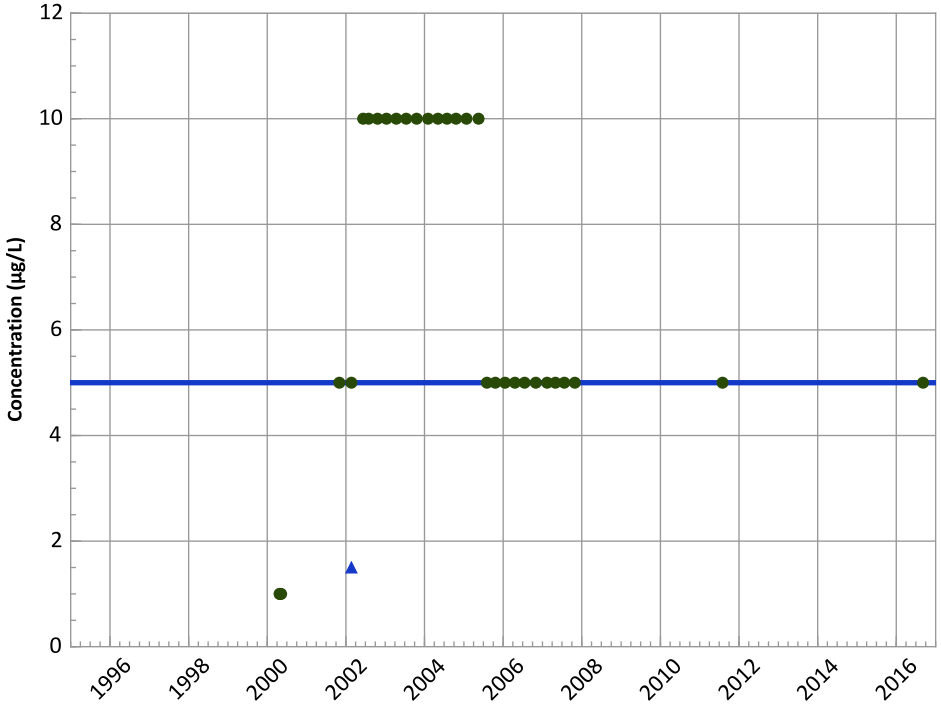


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methylene Chloride Trend



Concentration Trend

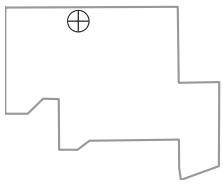
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

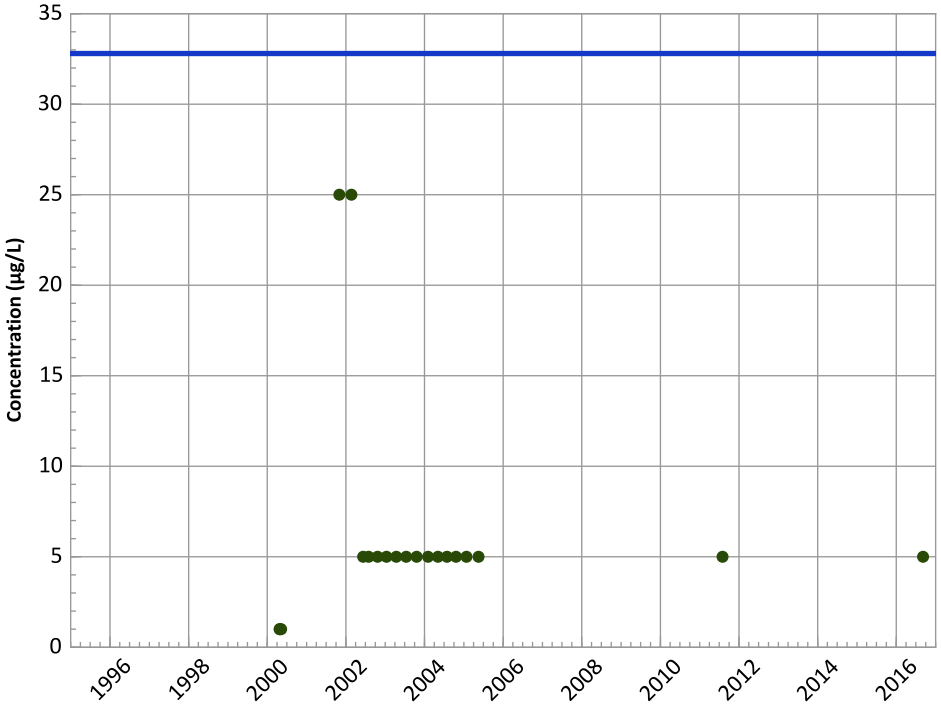
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Pentachloroethane Trend

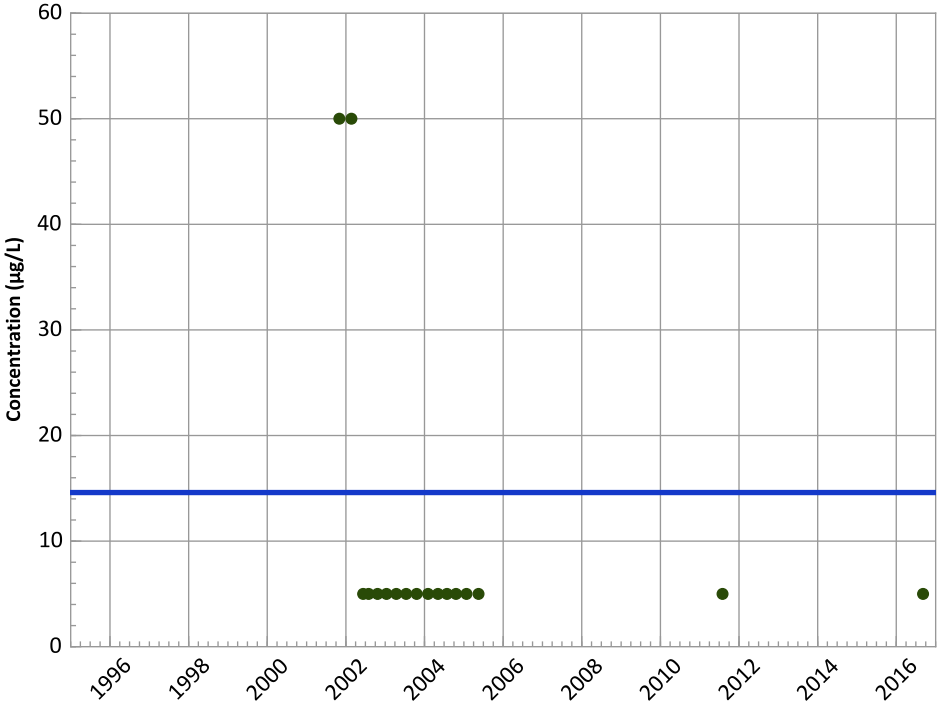


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Propane Nitrile (Propionitrile) Trend



Concentration Trend

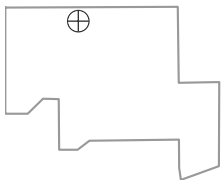
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

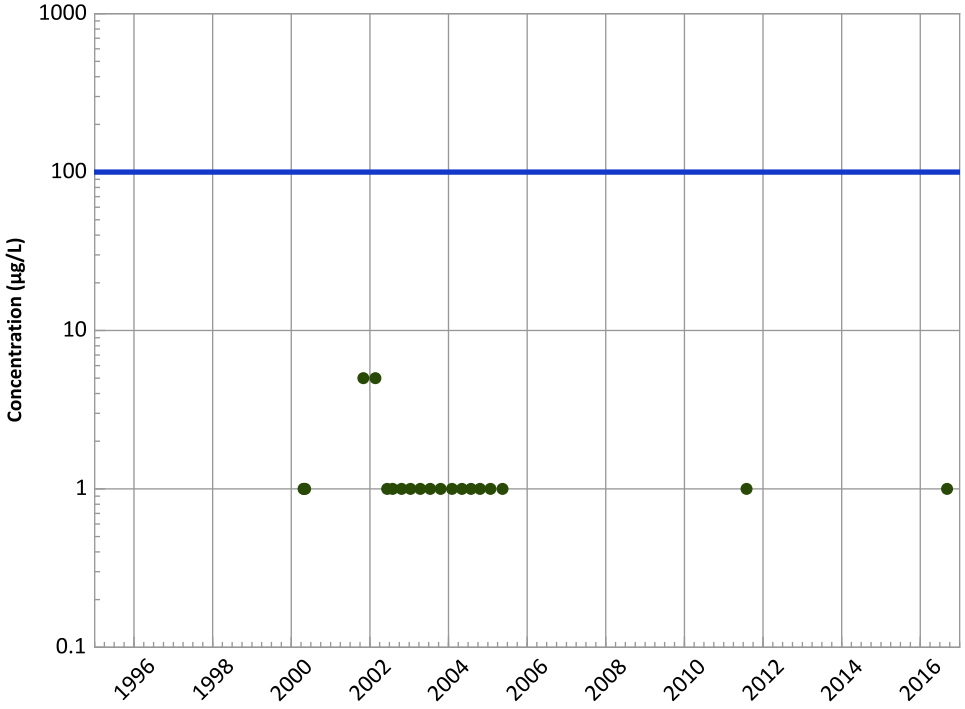
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Styrene Trend

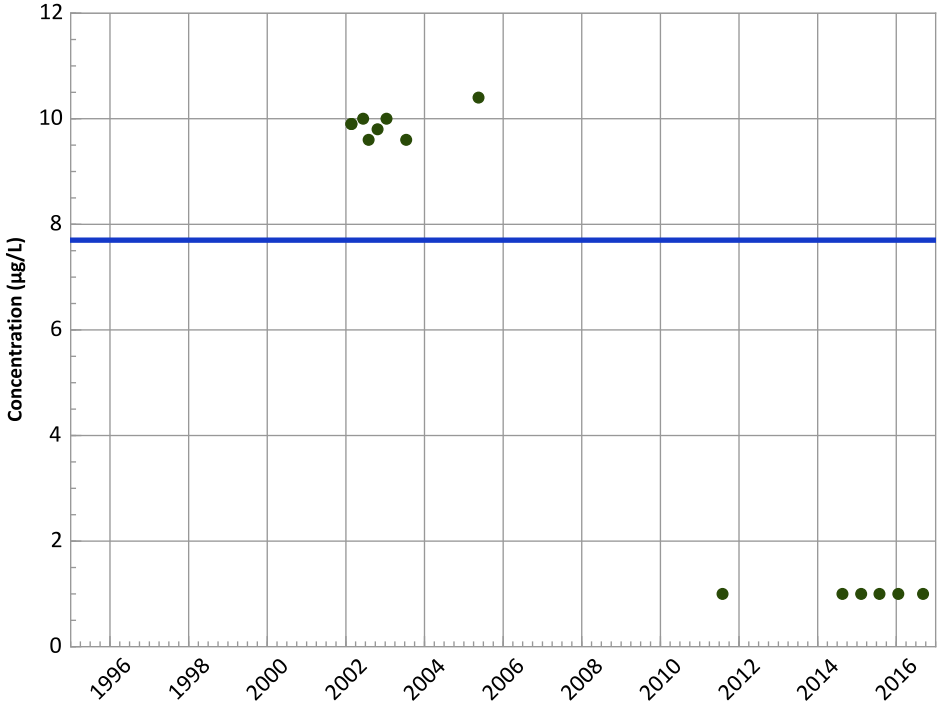


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

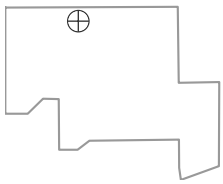
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

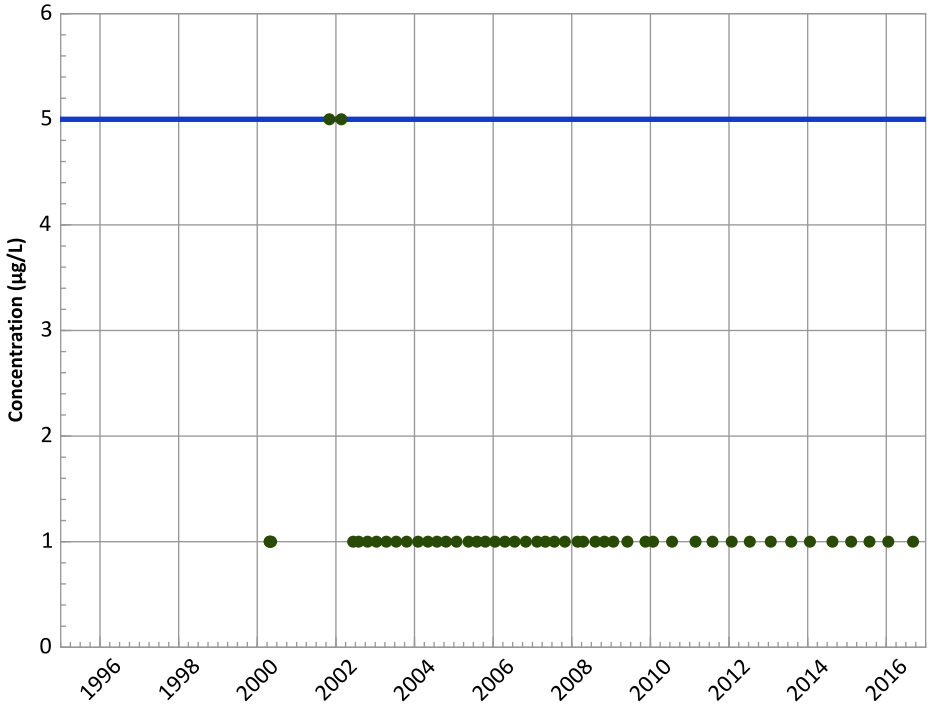
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

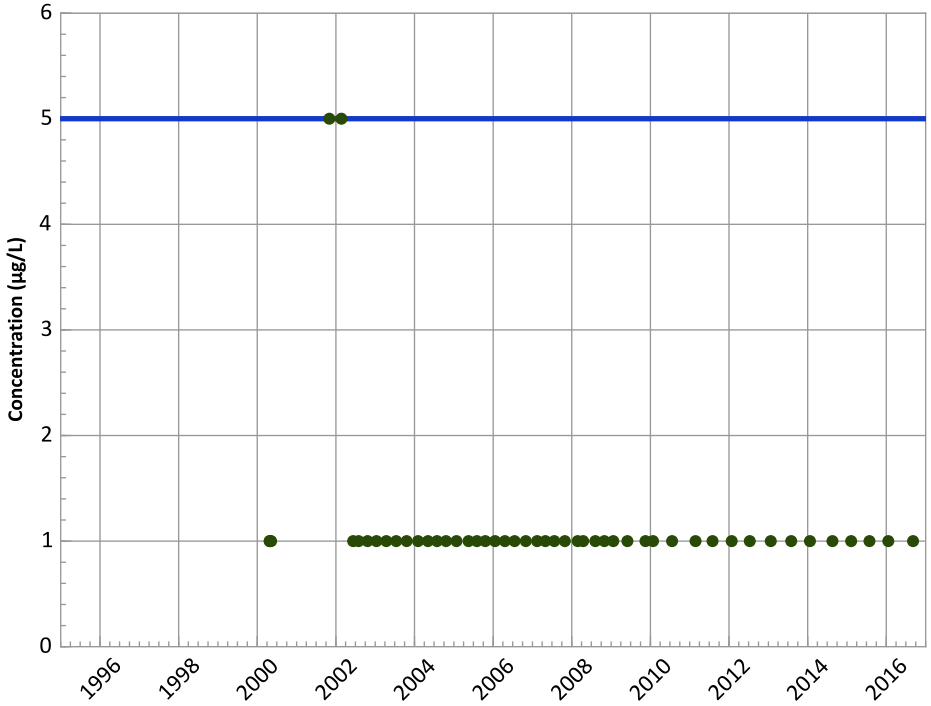


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

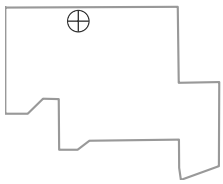
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

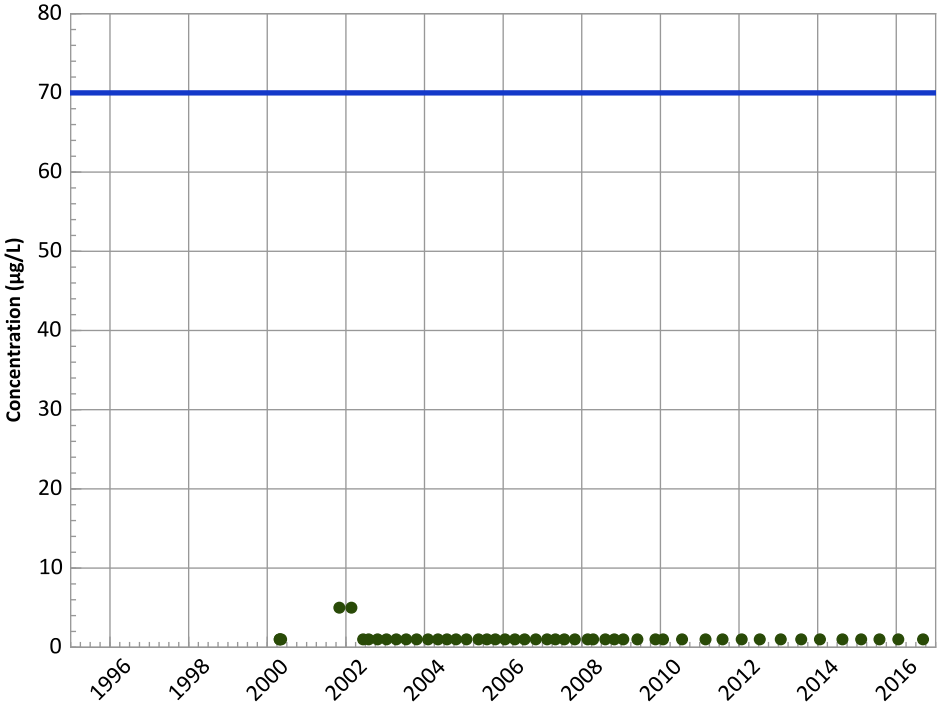
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ——— Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

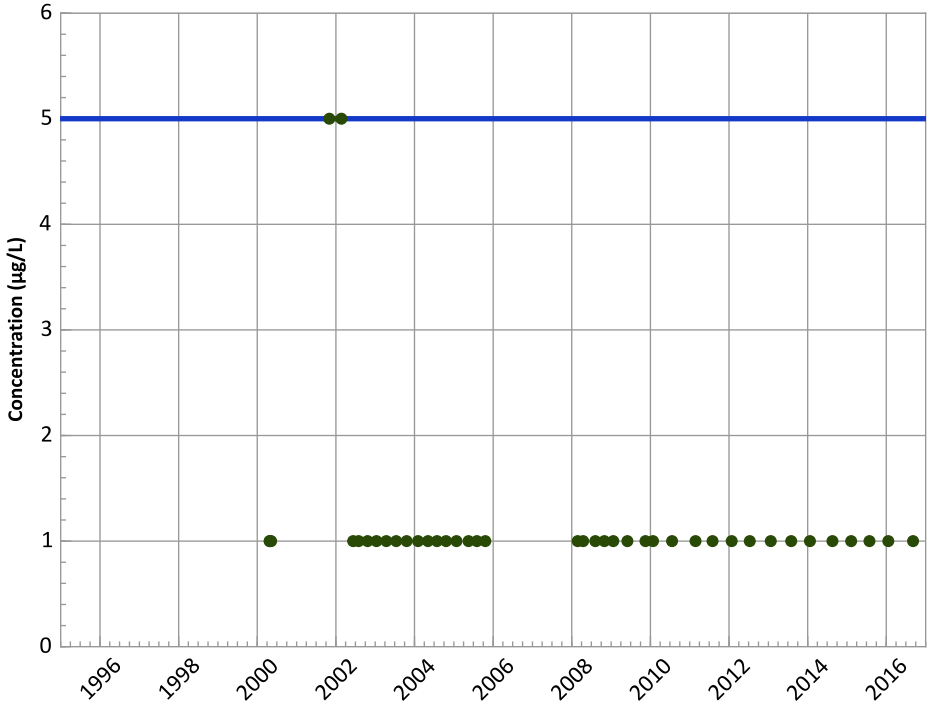


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

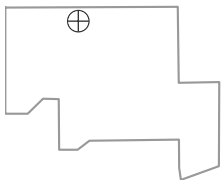
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

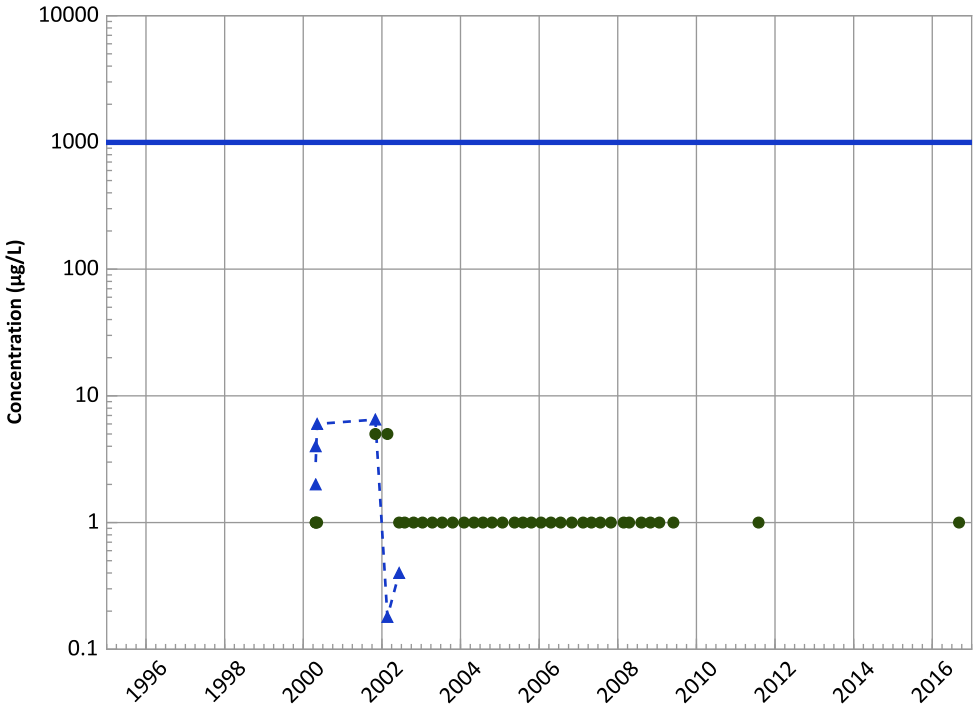
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Toluene Trend

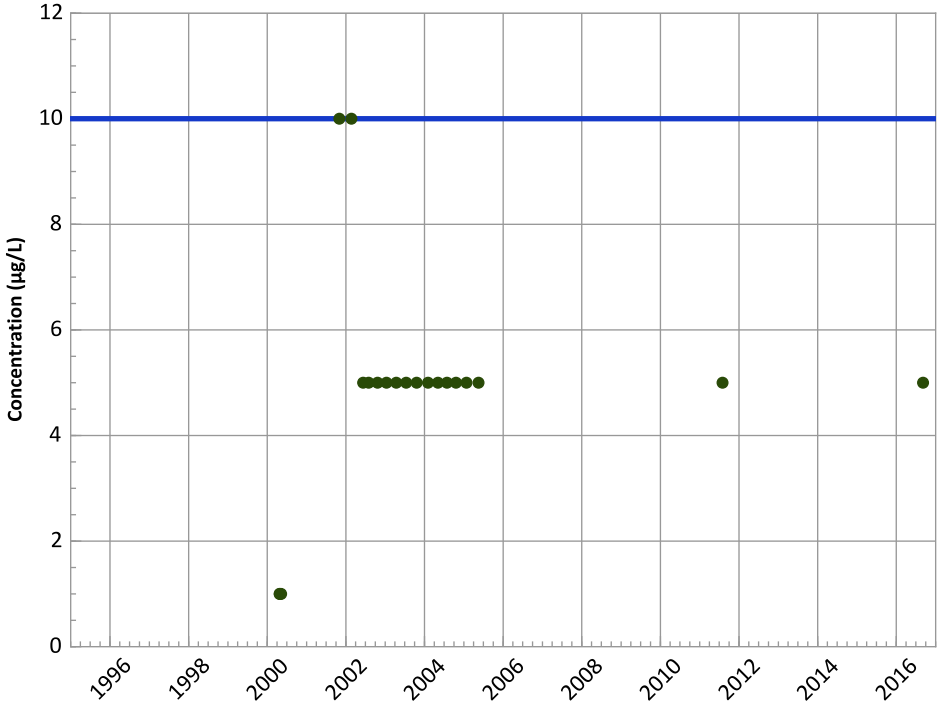


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

trans-1,4-Dichloro-2-Butene Trend



Concentration Trend

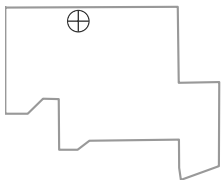
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

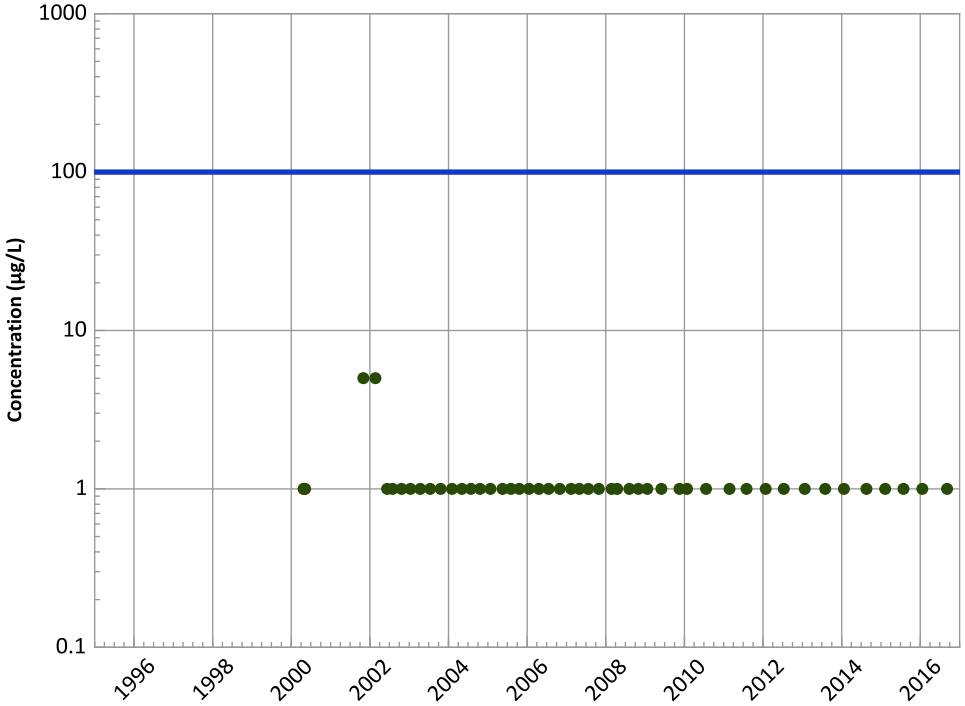
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

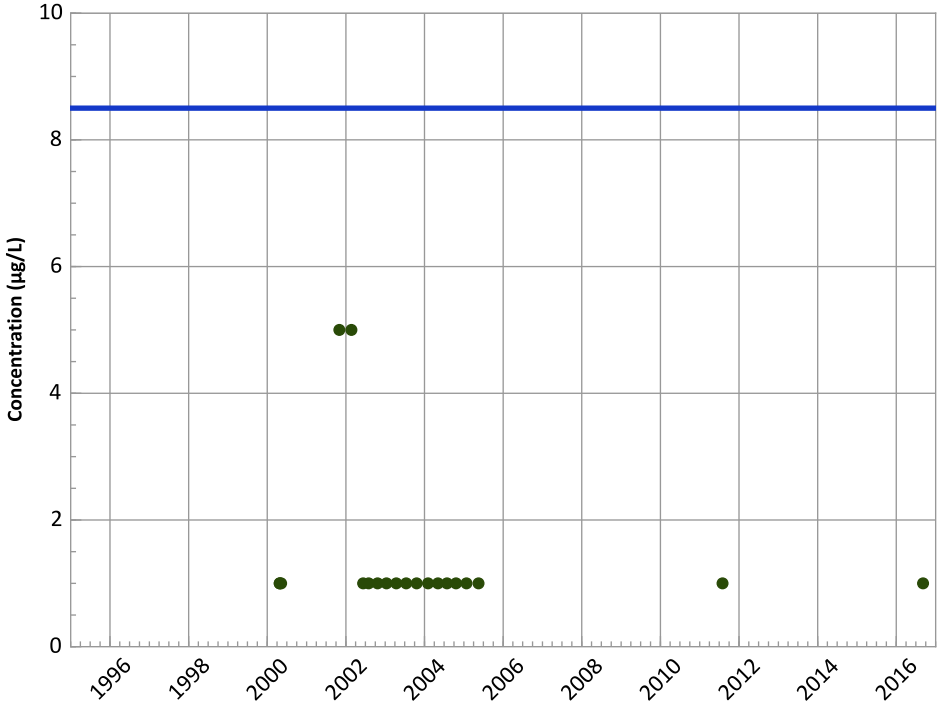


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

trans-1,3-Dichloropropene Trend



Concentration Trend

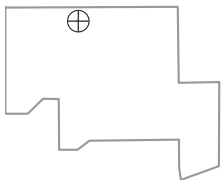
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

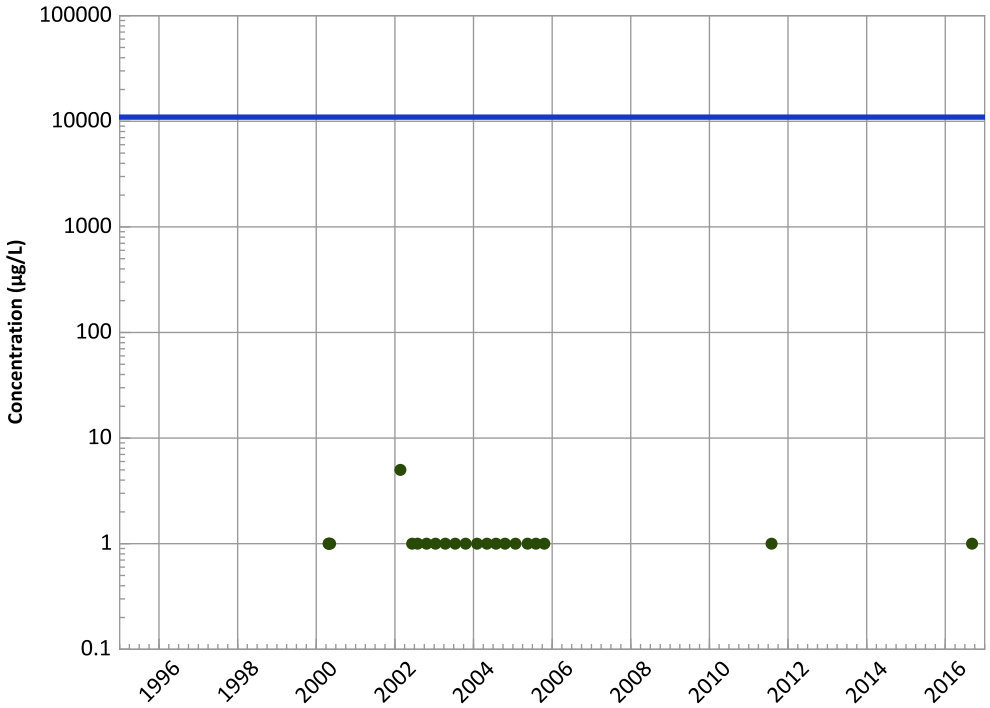
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichlorofluoromethane Trend

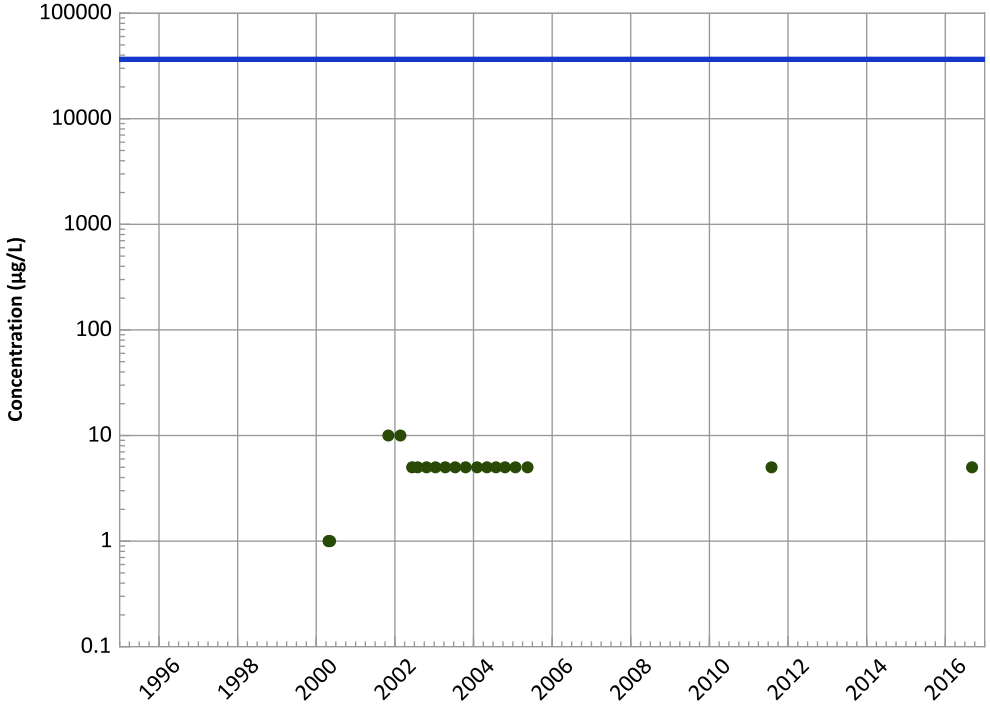


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Vinyl Acetate Trend



Concentration Trend

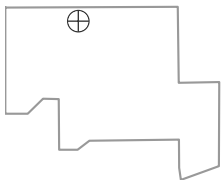
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

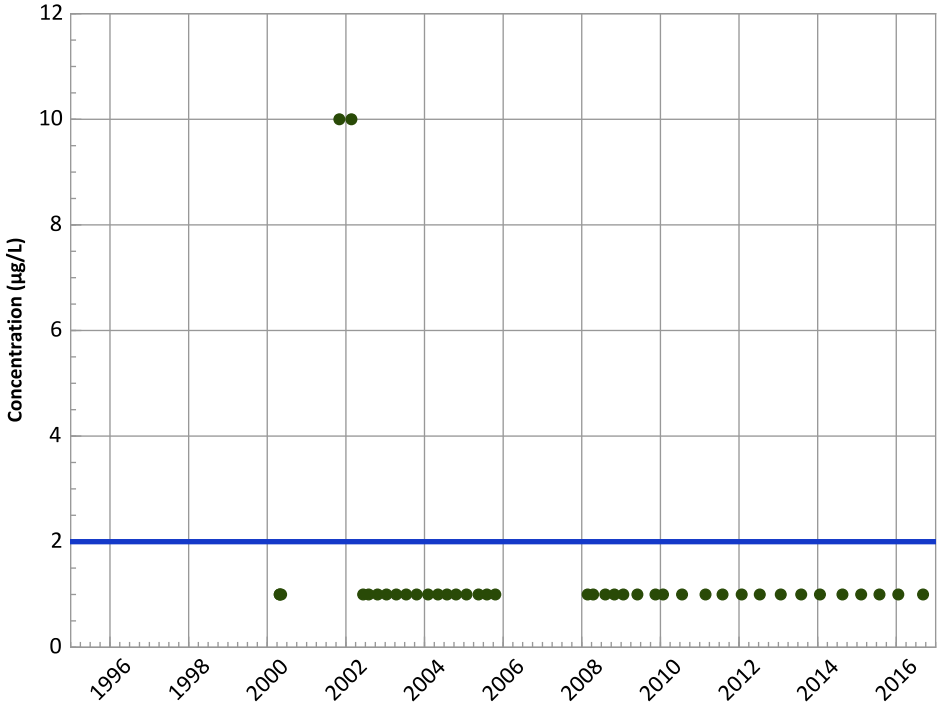
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

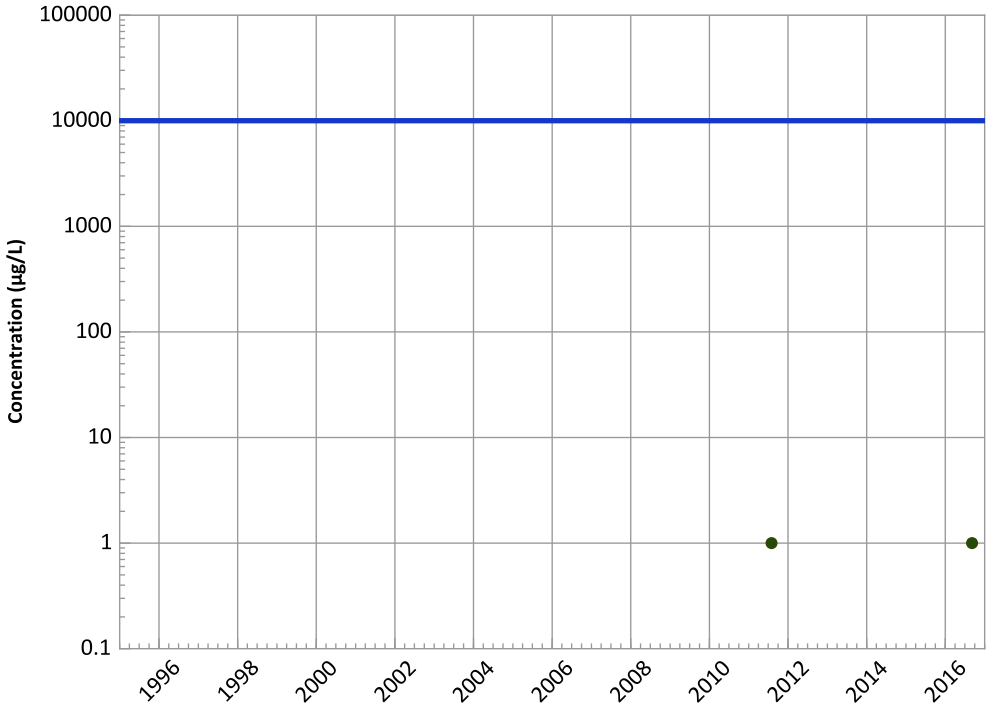


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Xylenes, Total Trend



Concentration Trend

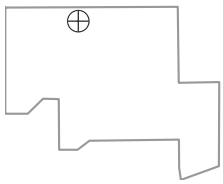
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

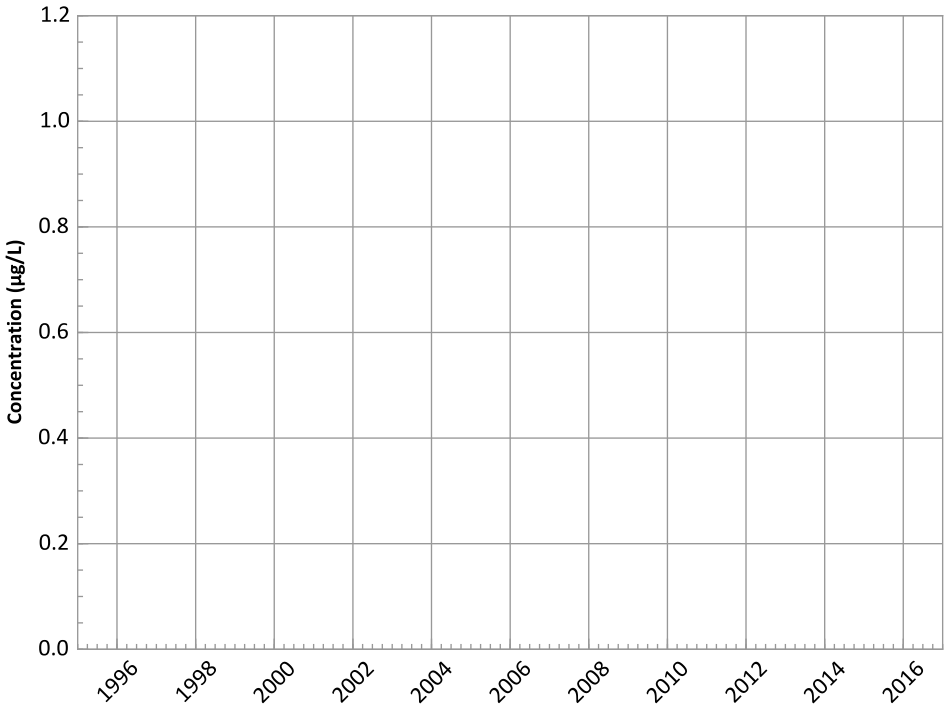
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sulfide Trend

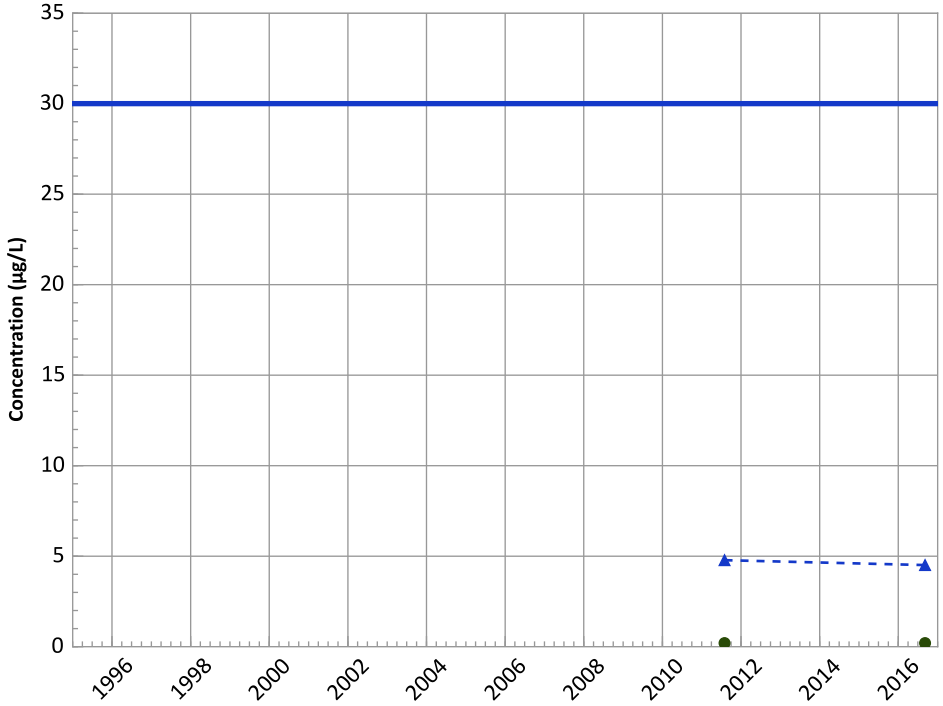


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Uranium, Total Trend



Concentration Trend

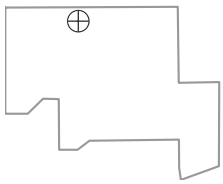
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

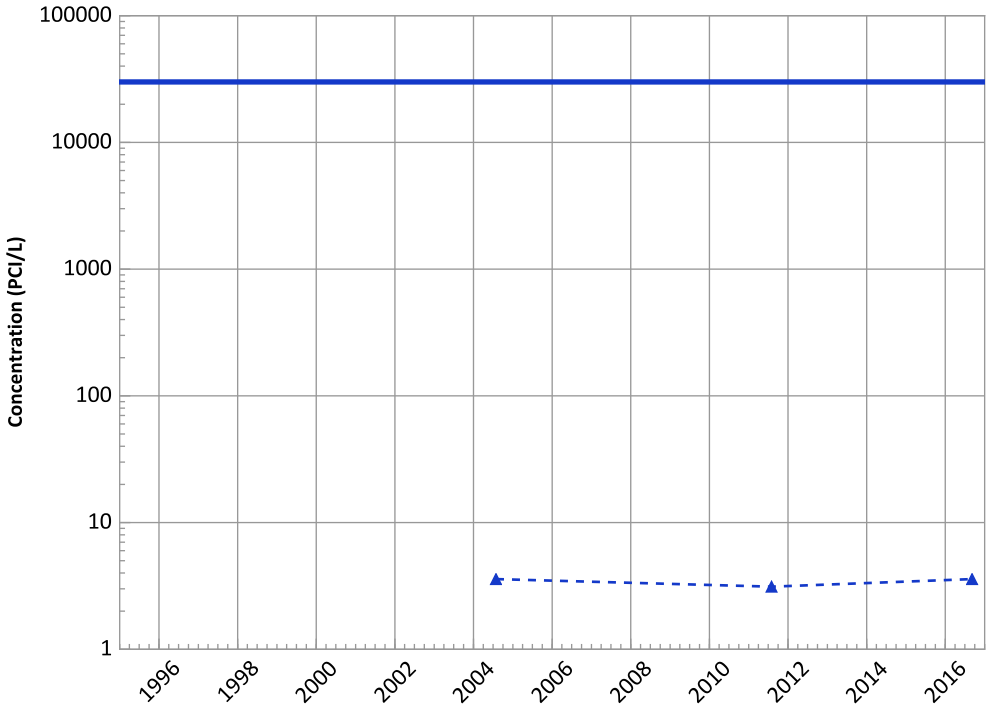
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Uranium-233/234 Trend

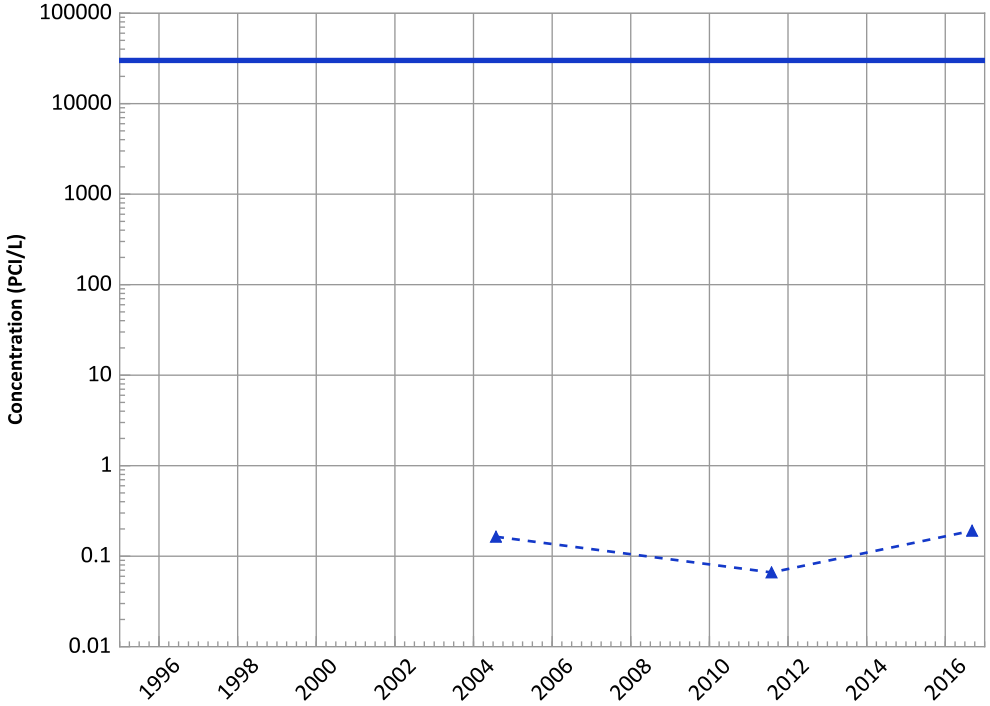


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Uranium-235/236 Trend



Concentration Trend

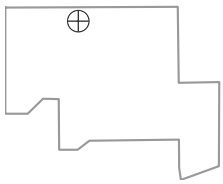
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

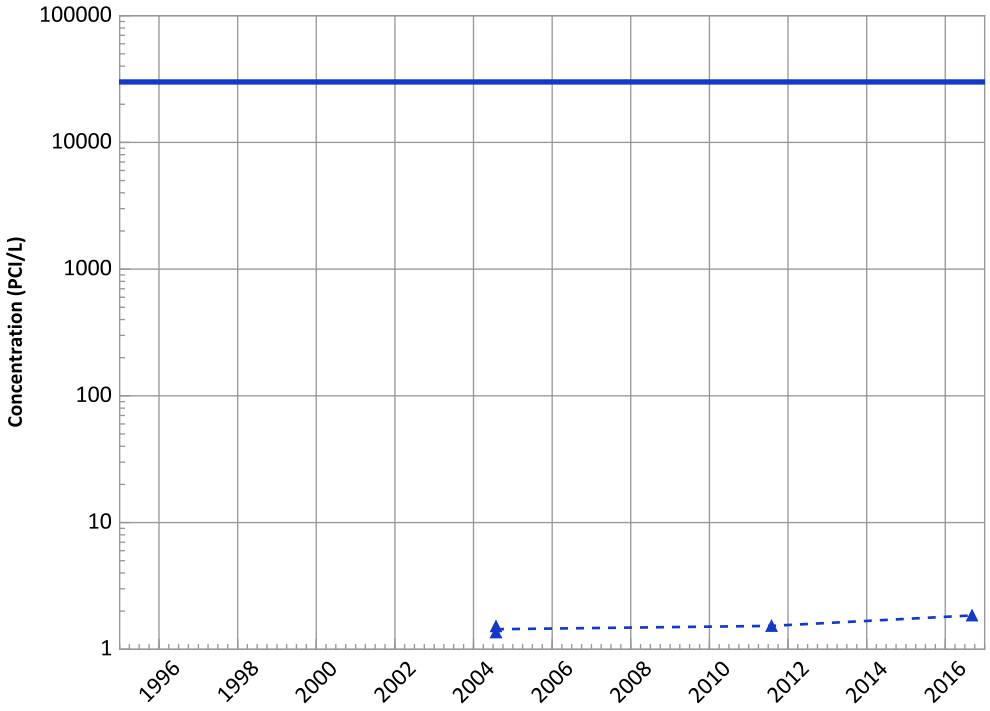
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Uranium-238 Trend

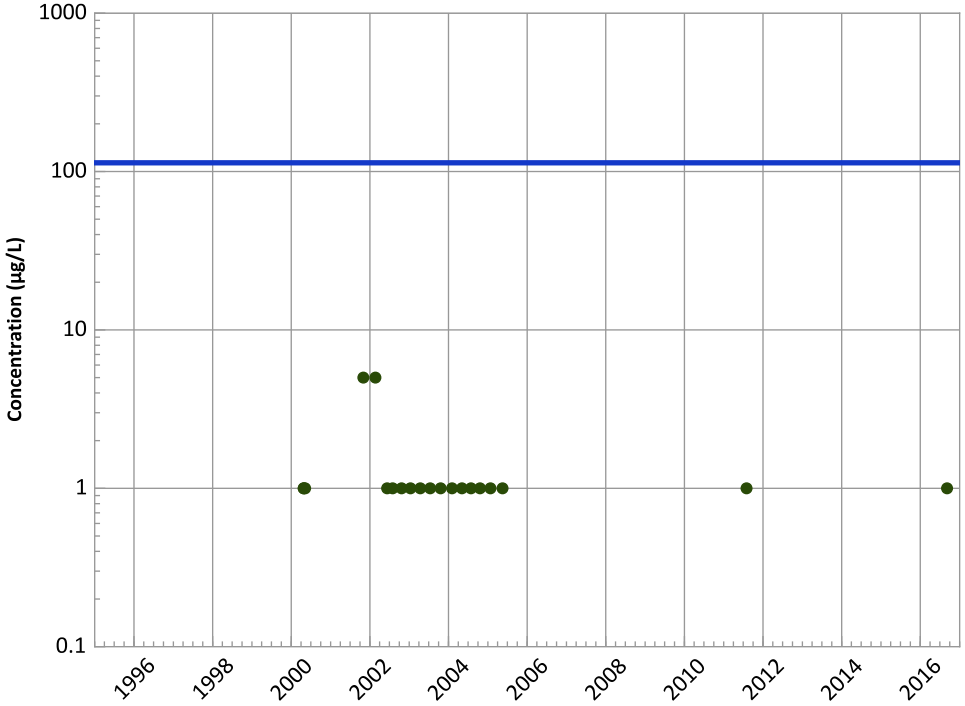


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Dibromomethane Trend



Concentration Trend

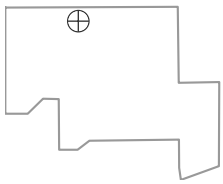
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

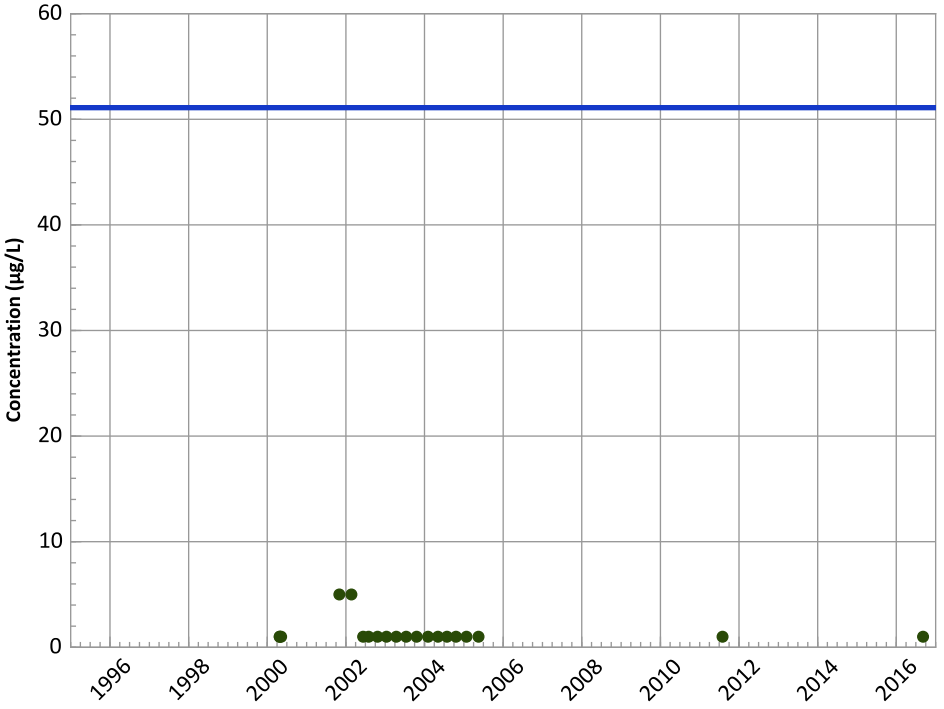
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Bromomethane Trend



Concentration Trend

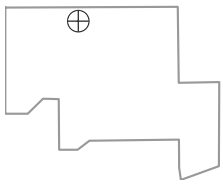
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

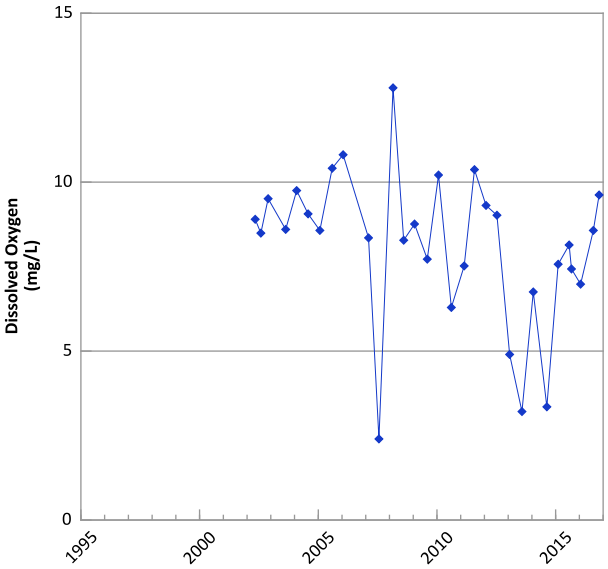
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/26/2000 to 09/06/2016
Analysis Date: 03/07/2017

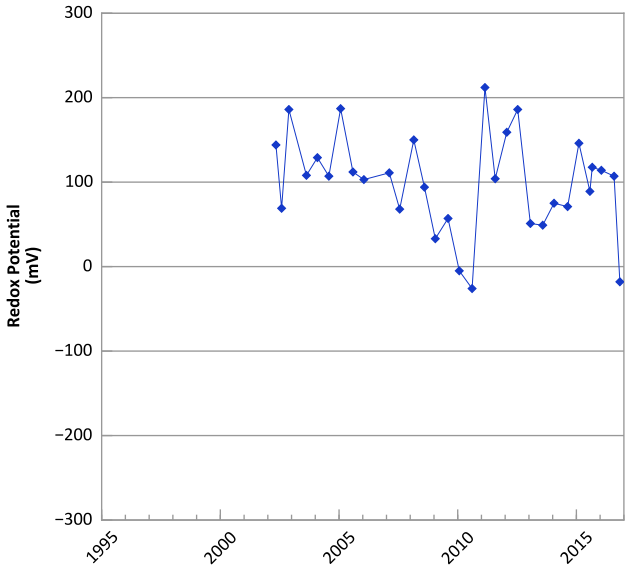
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

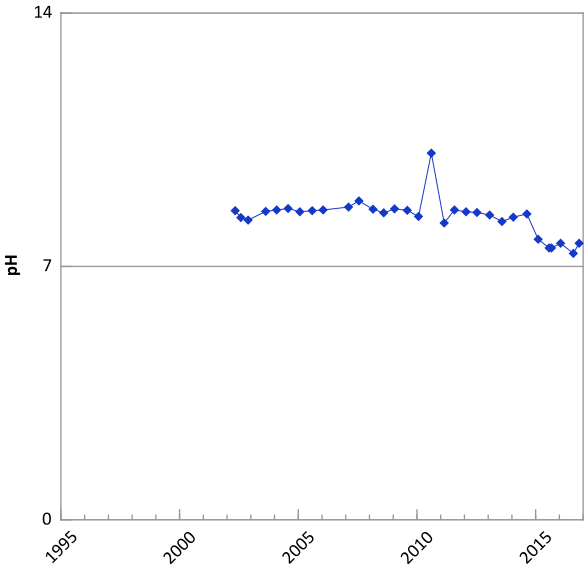
Well Location

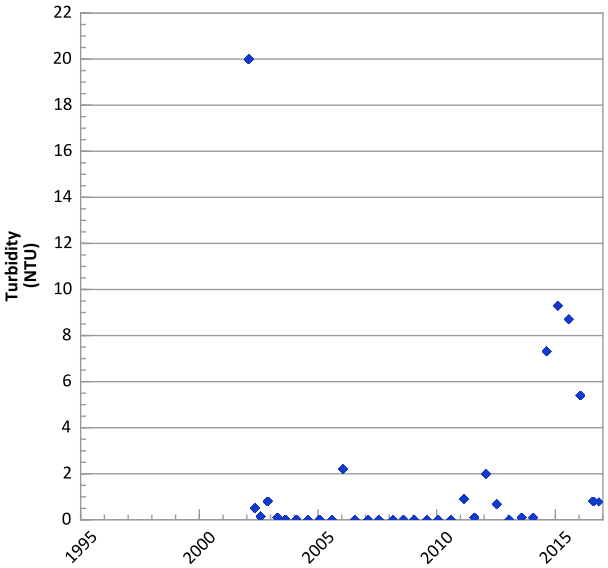


PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



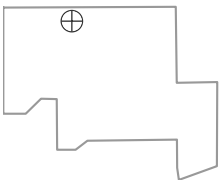






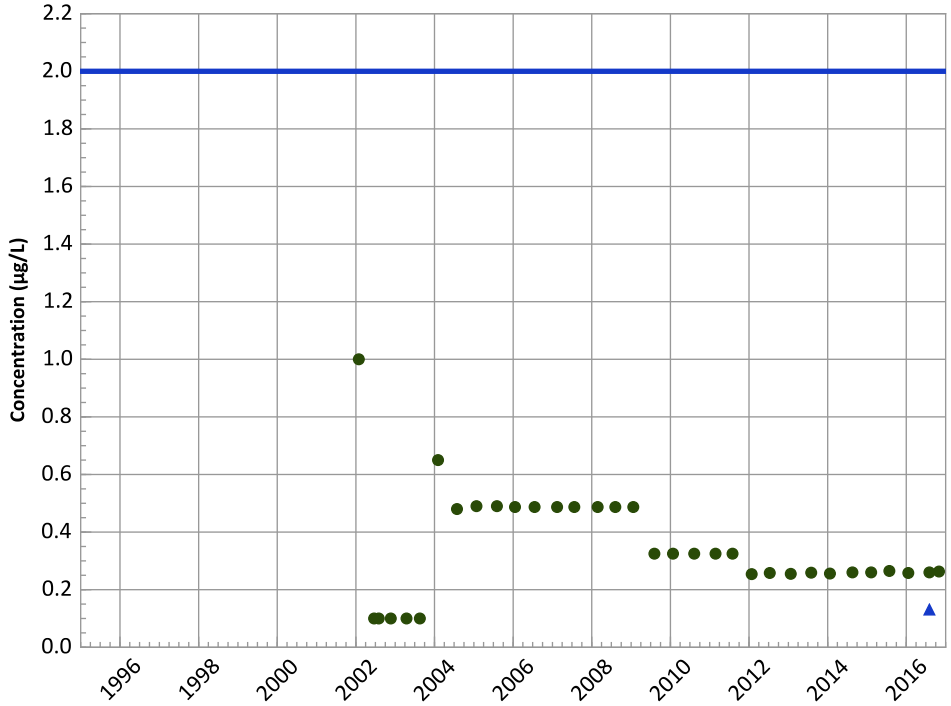
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

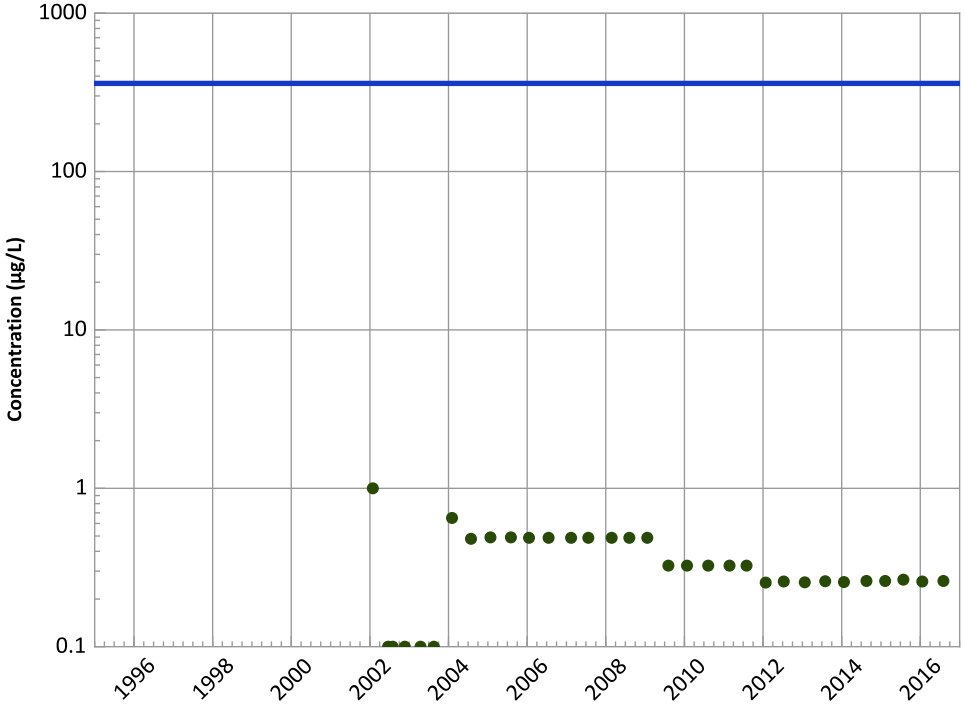


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

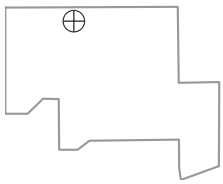
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

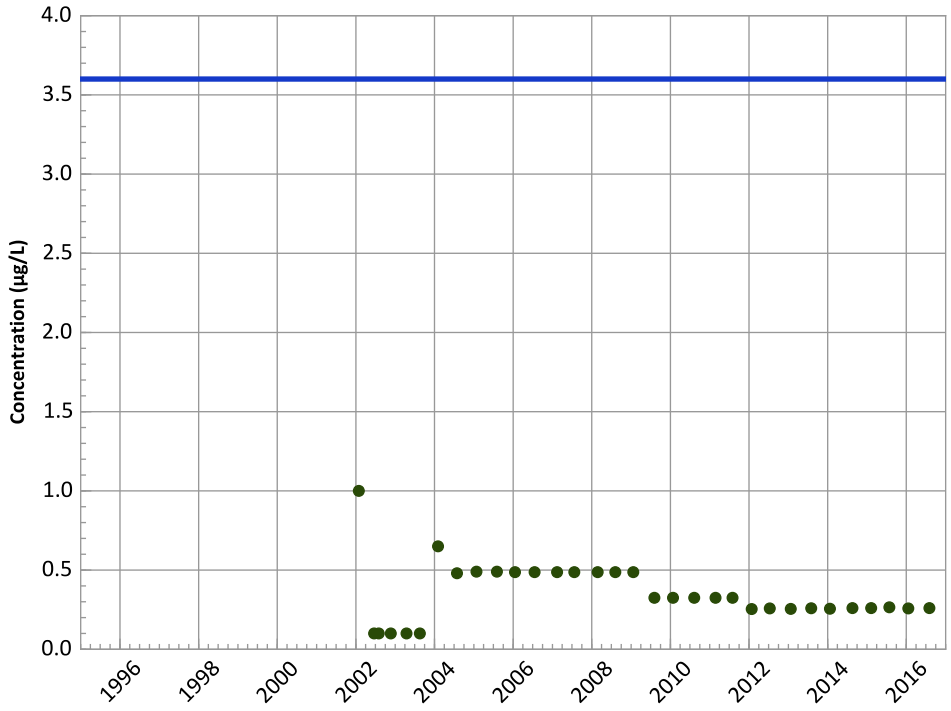
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

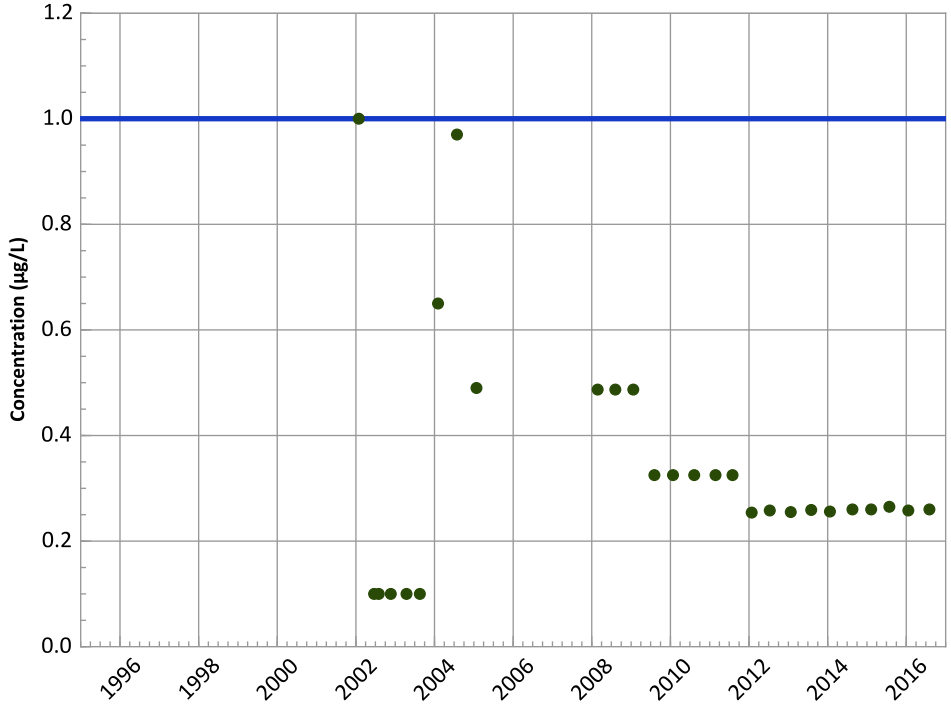


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

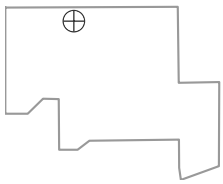
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

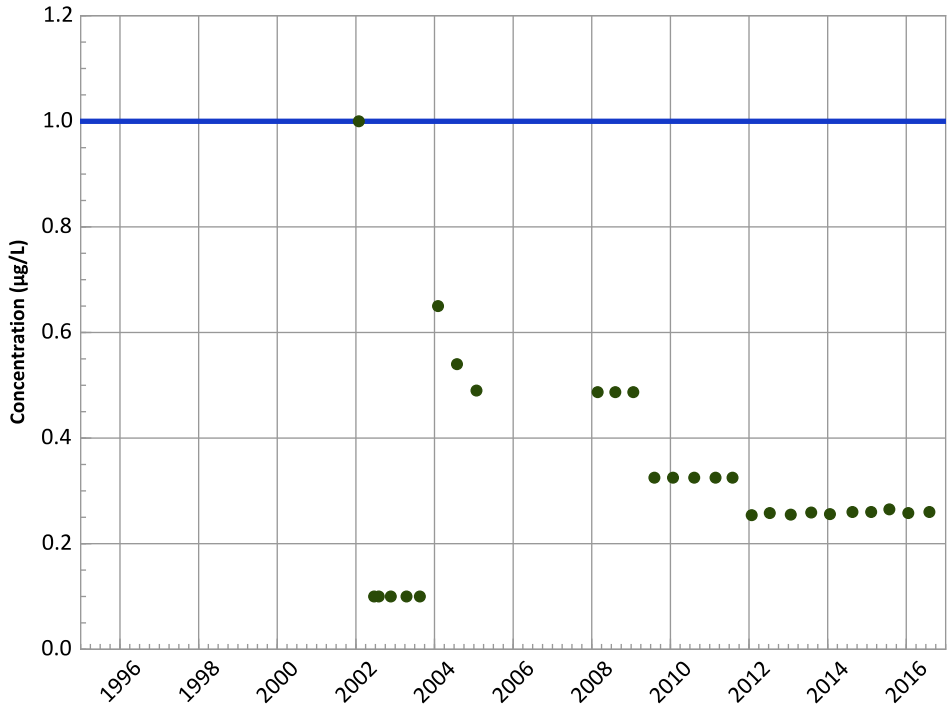
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

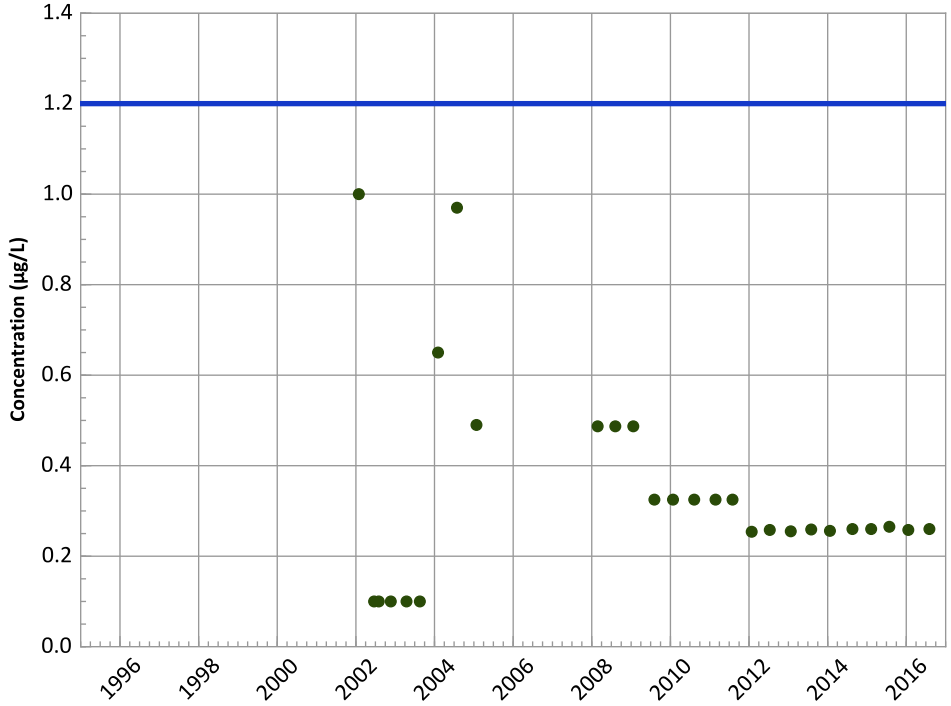


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

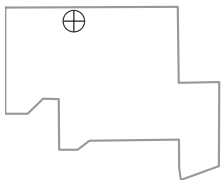
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

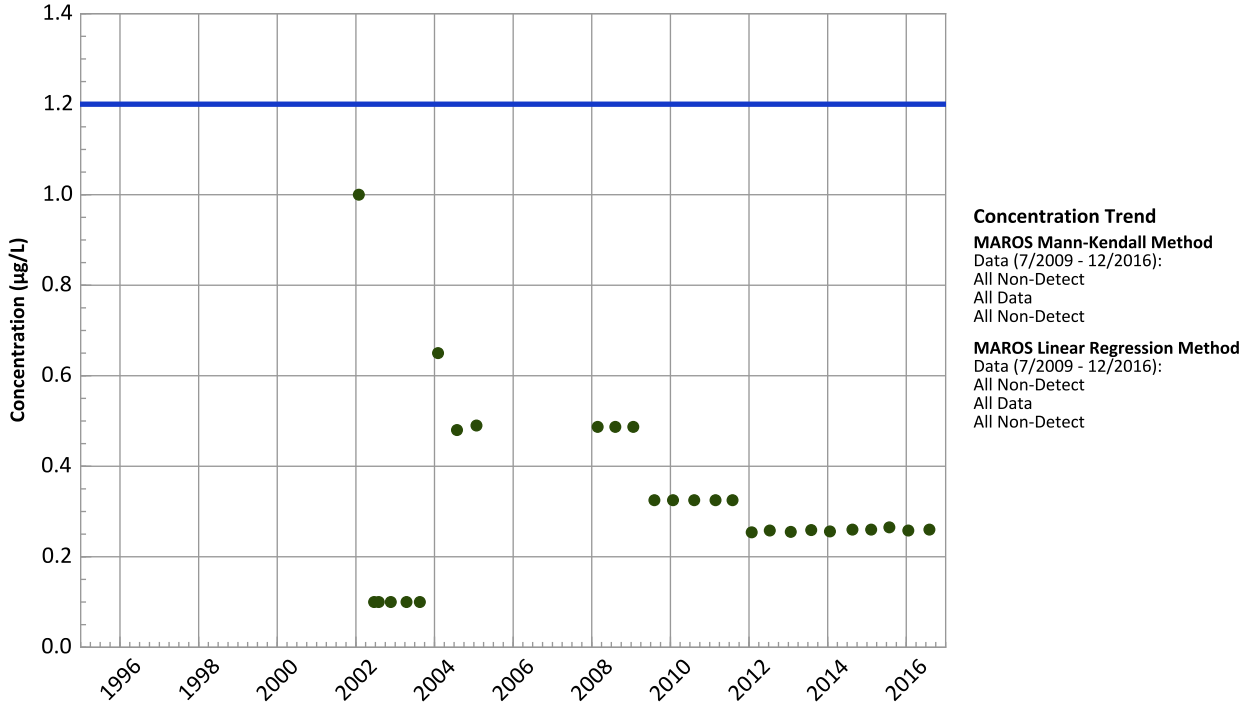
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

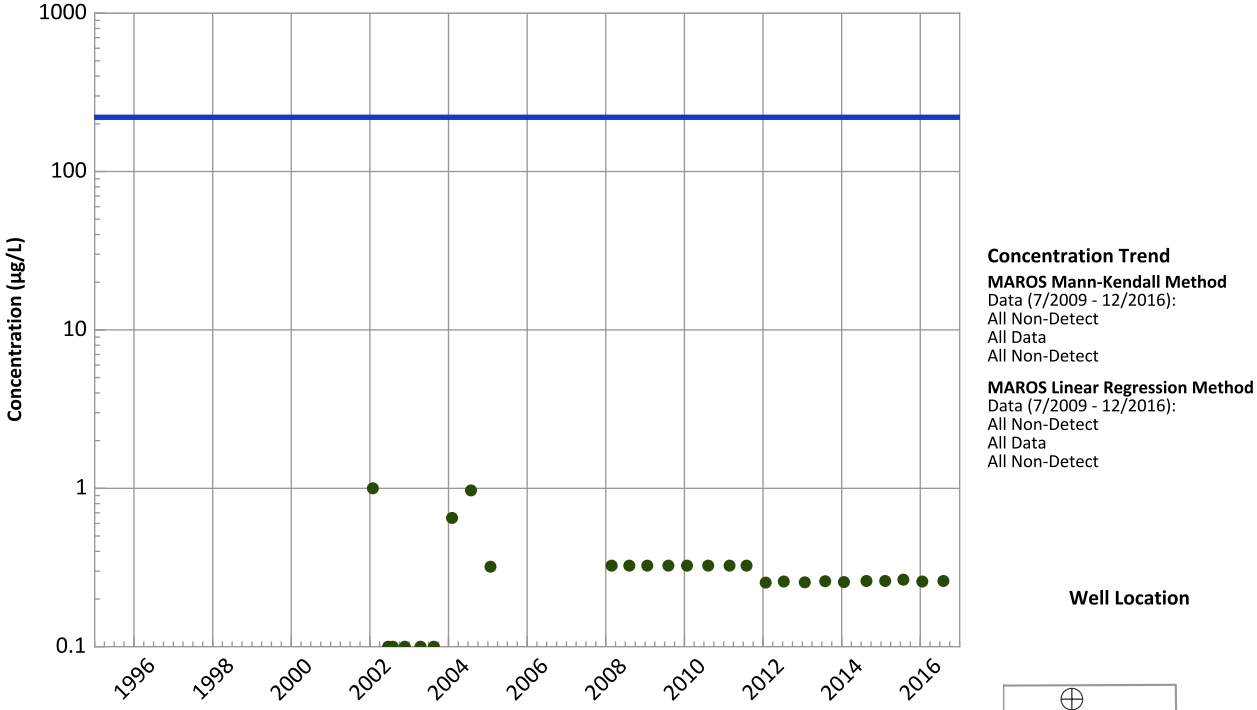


PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



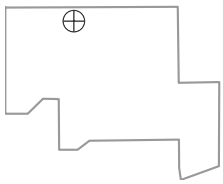
1,3,5-Trinitrobenzene Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

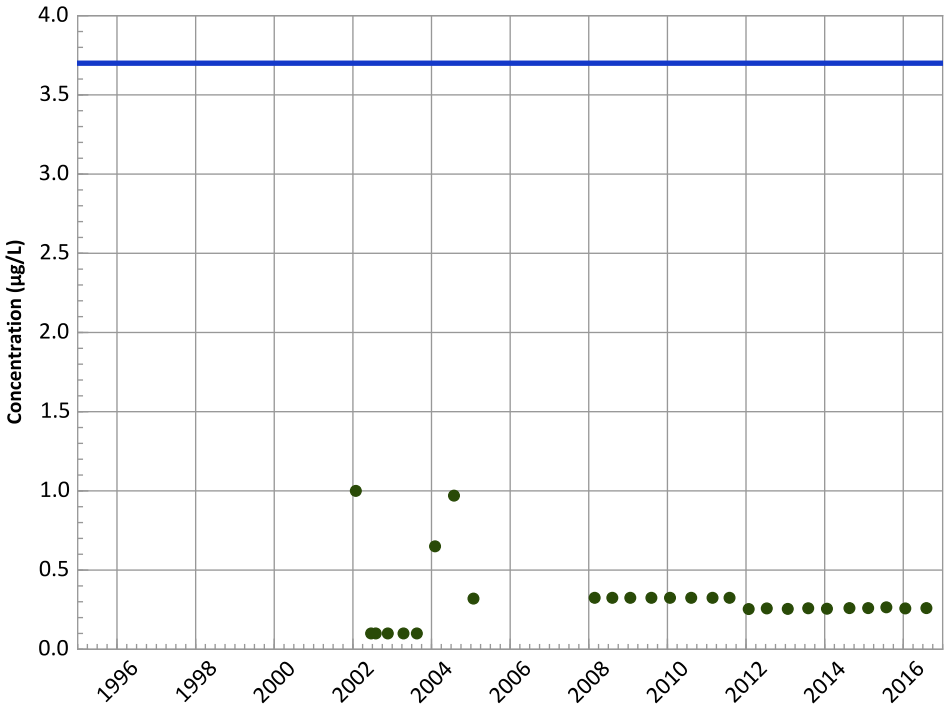
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

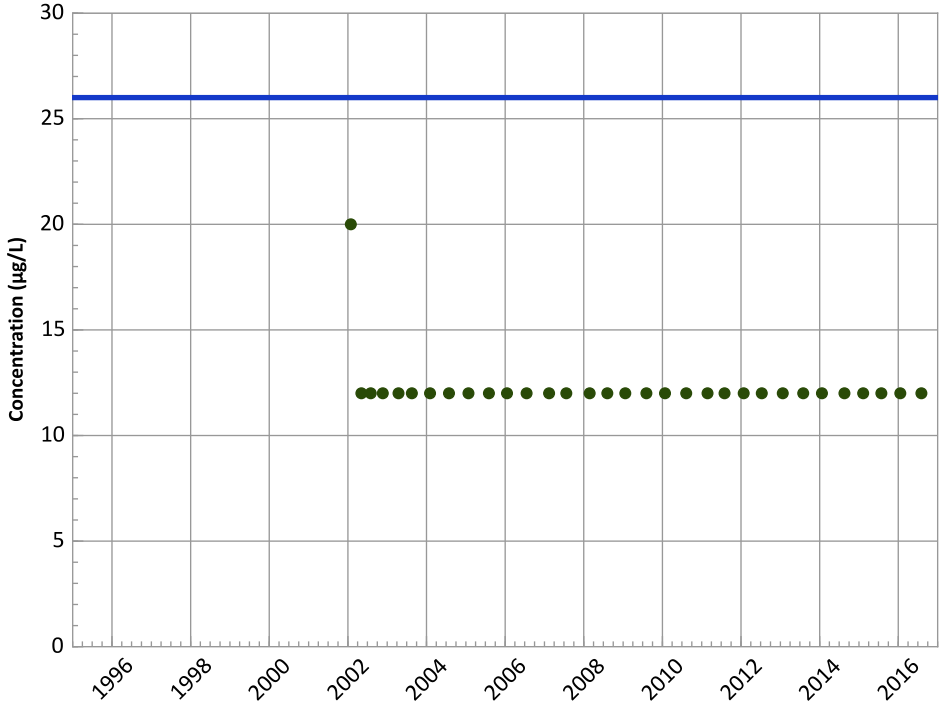


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

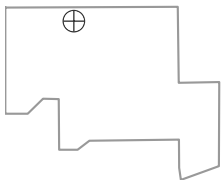
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

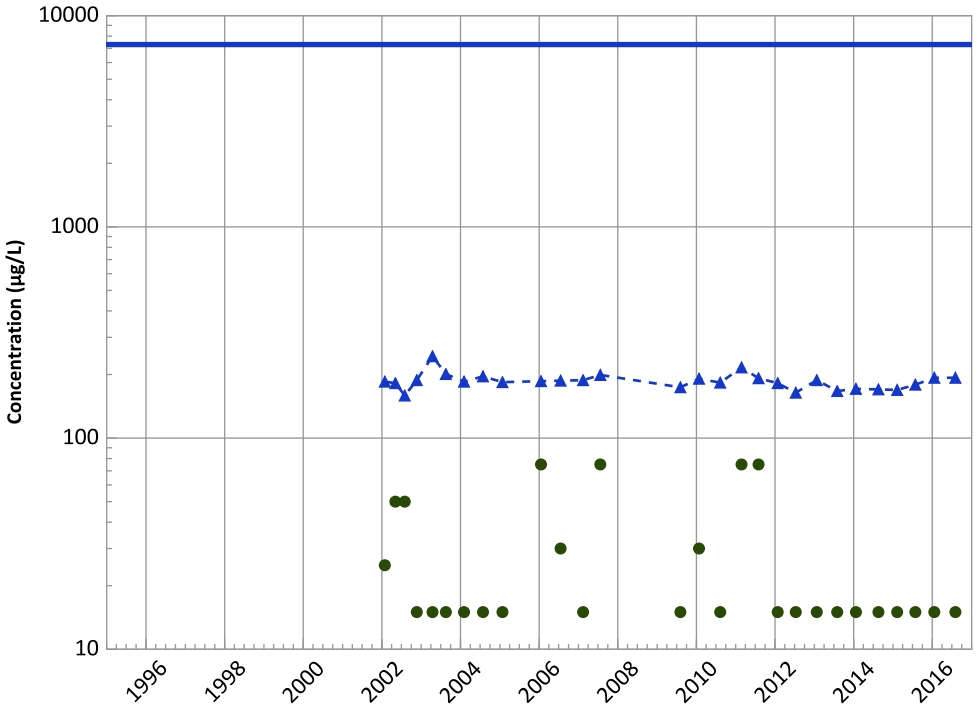
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

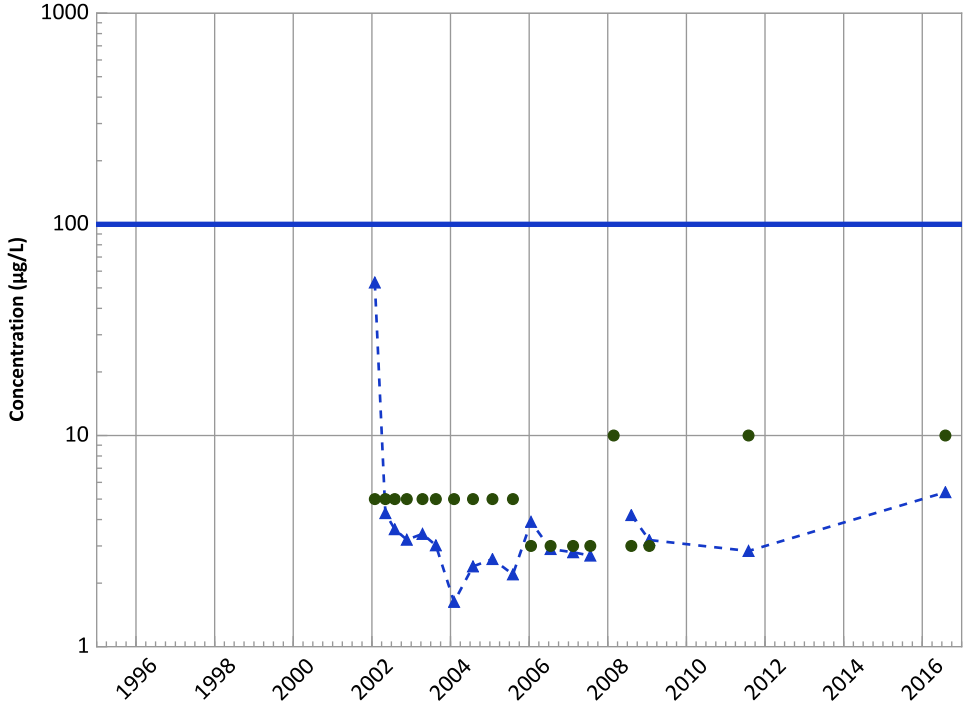


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Decreasing

Chromium, Total Trend



Concentration Trend

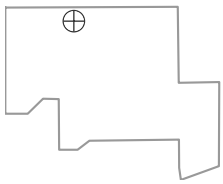
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

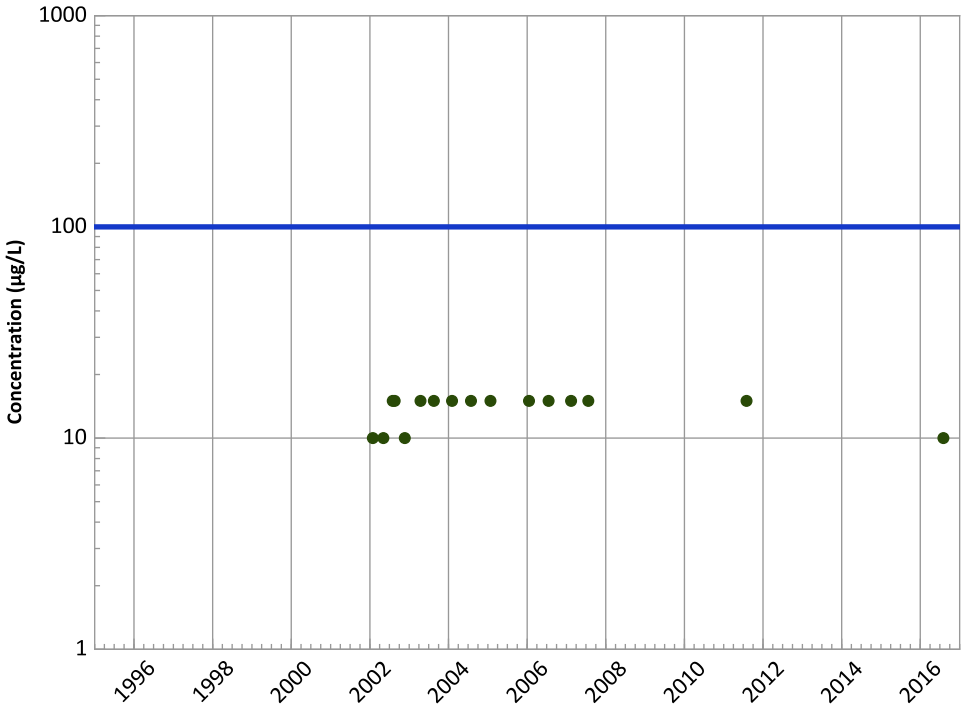
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

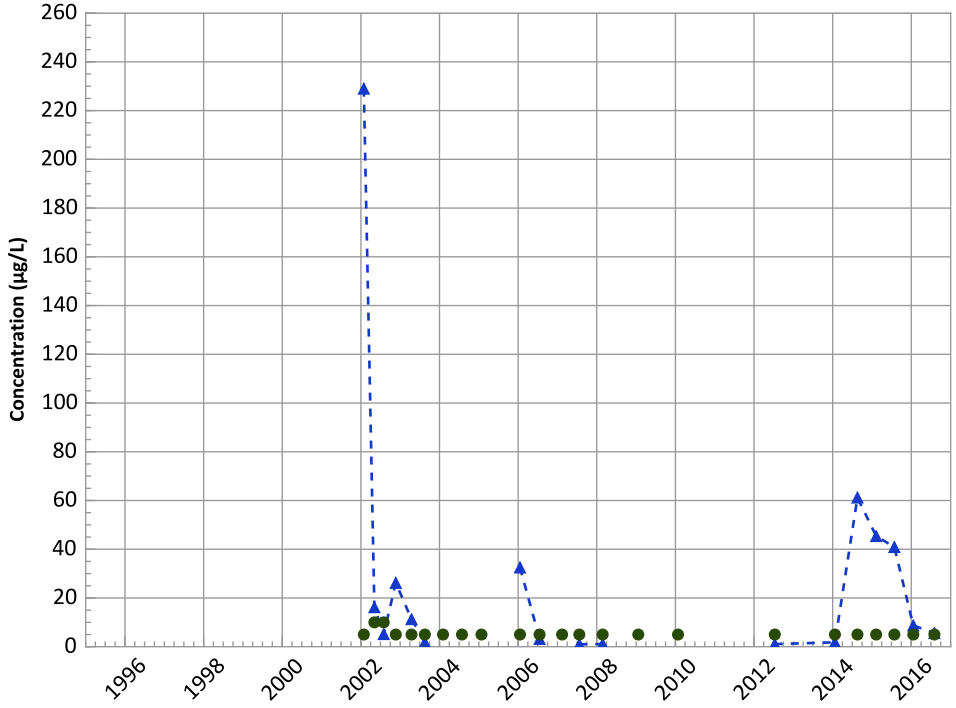


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Manganese Trend



Concentration Trend

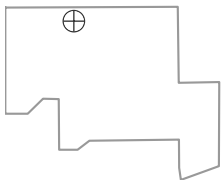
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

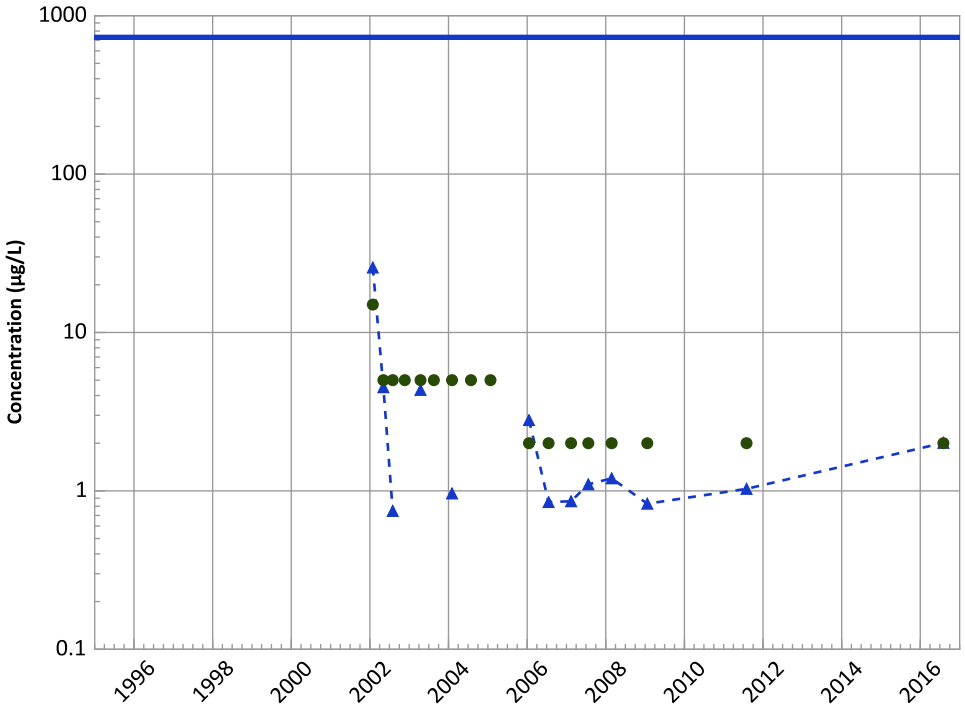
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

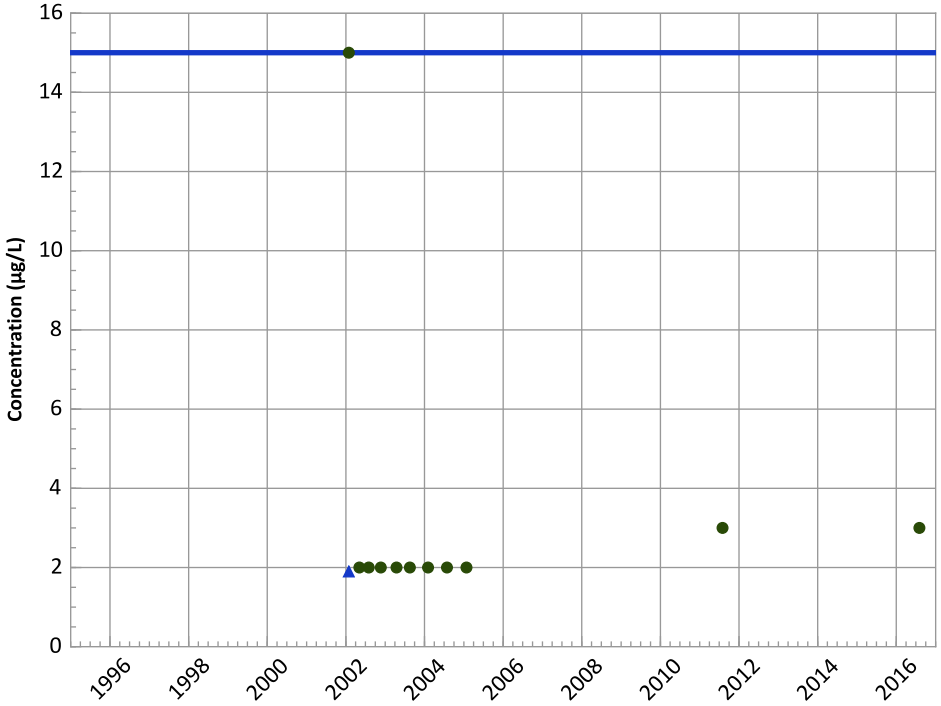


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Antimony Trend



Concentration Trend

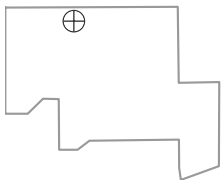
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

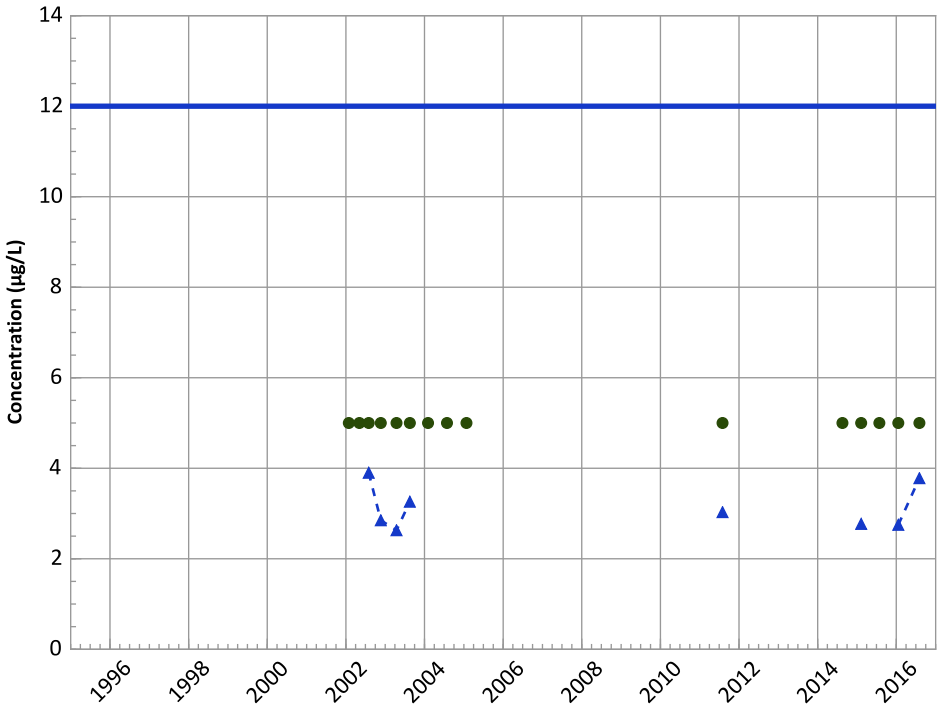
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

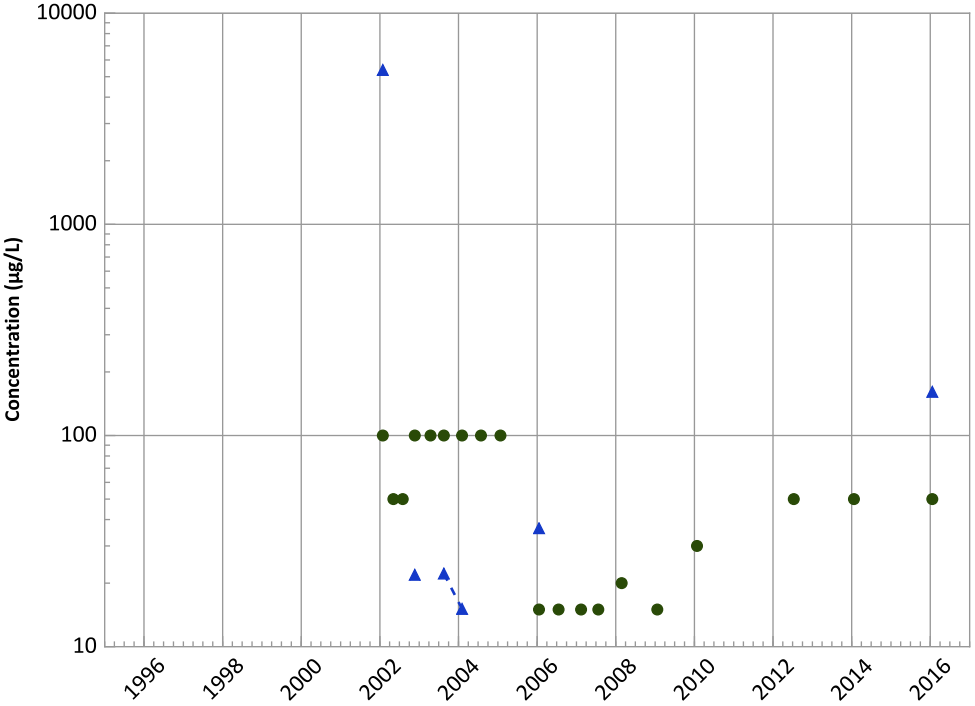


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Aluminum Trend



Concentration Trend

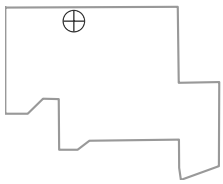
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

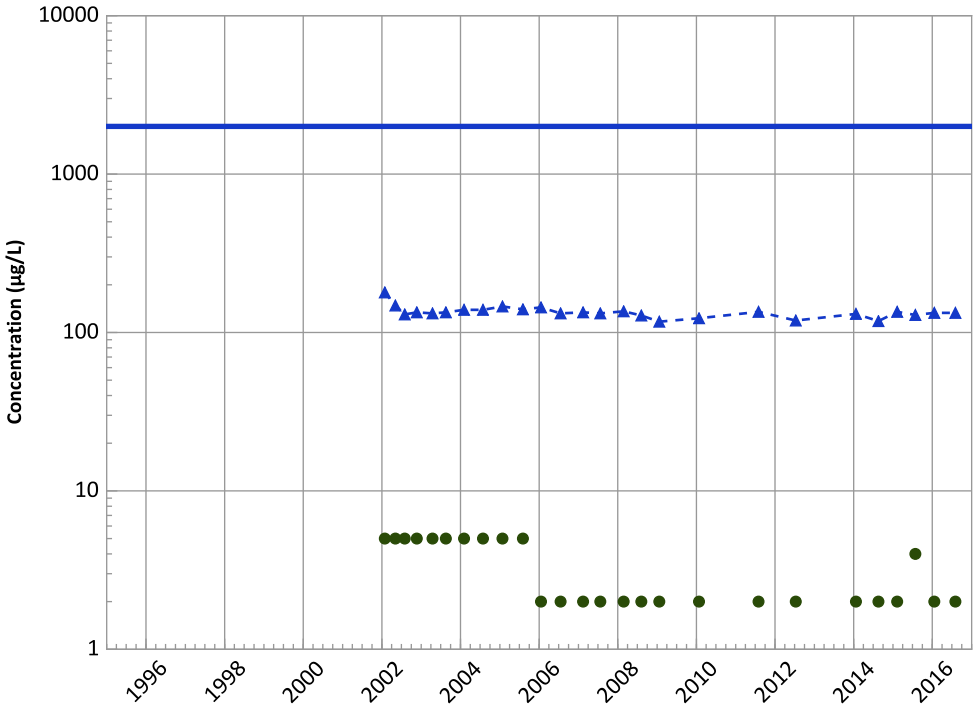
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

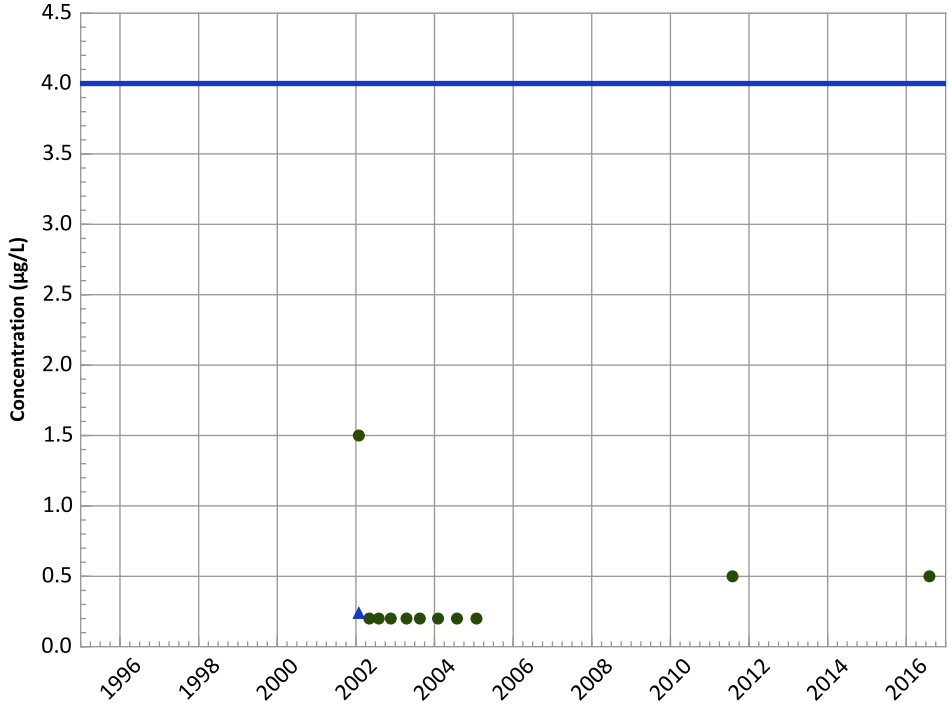


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Beryllium Trend



Concentration Trend

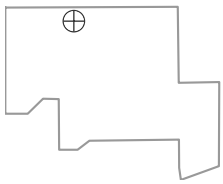
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

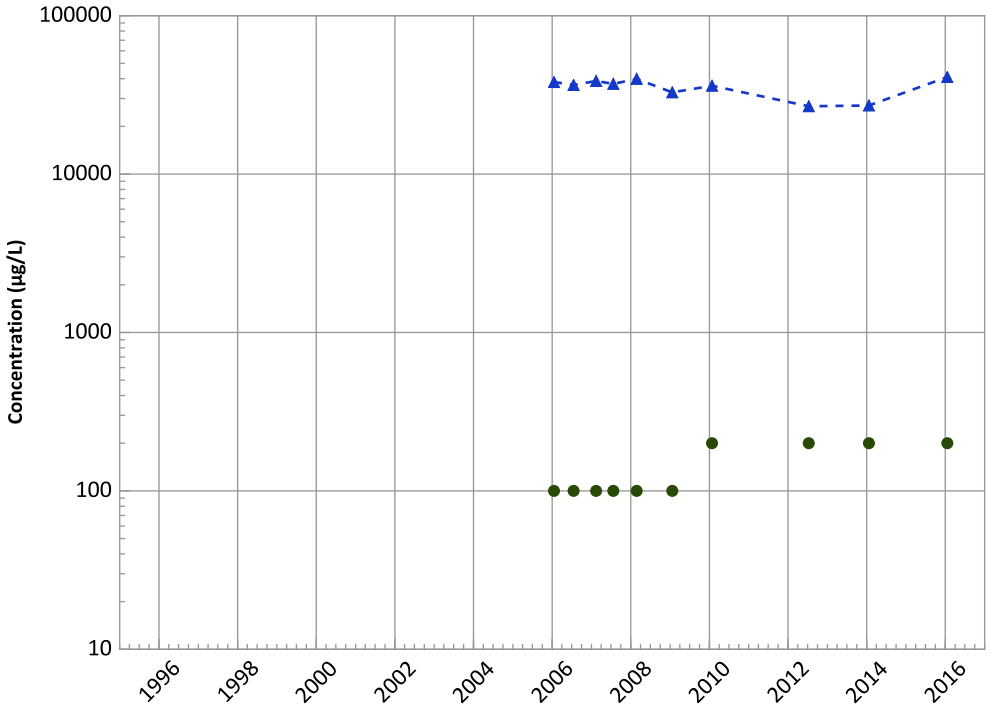
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

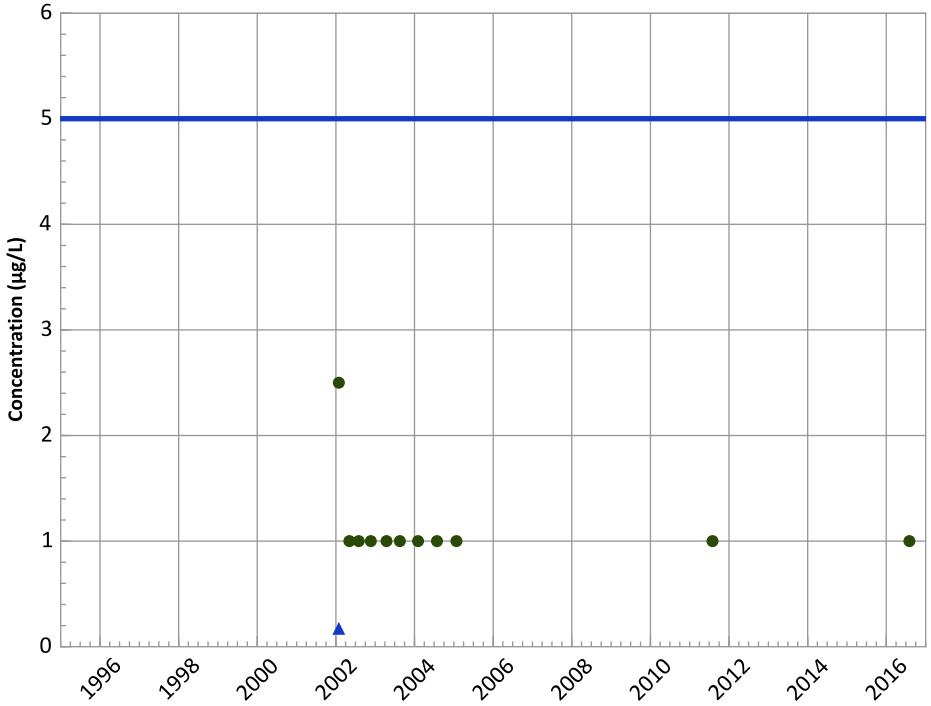


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Stable

Cadmium Trend



Concentration Trend

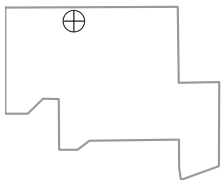
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

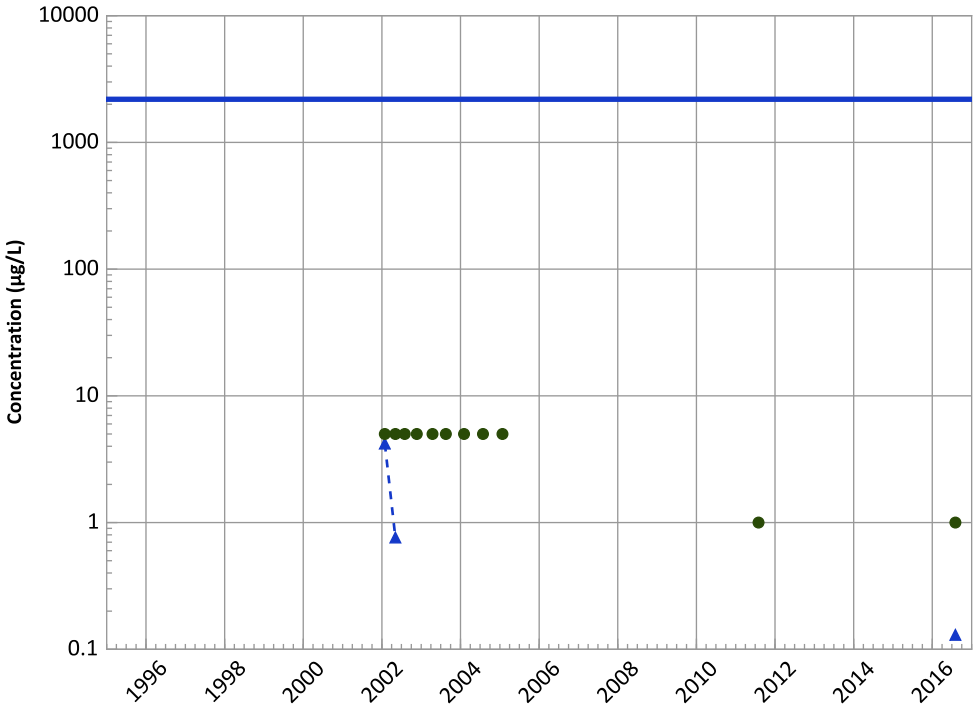
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Cobalt Trend

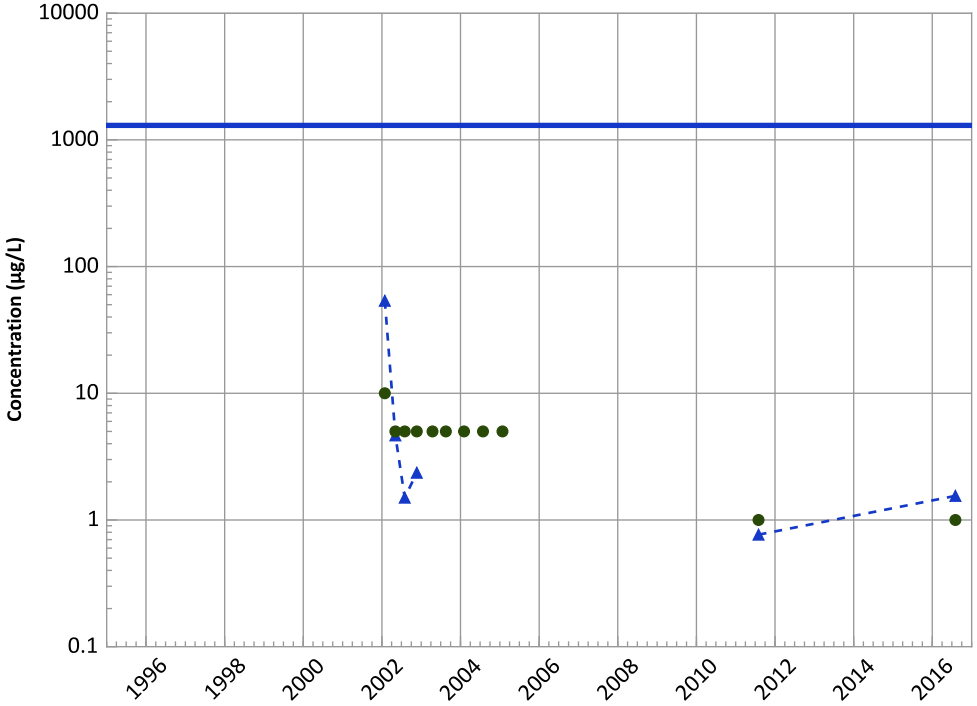


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Copper Trend



Concentration Trend

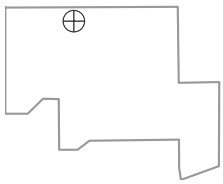
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

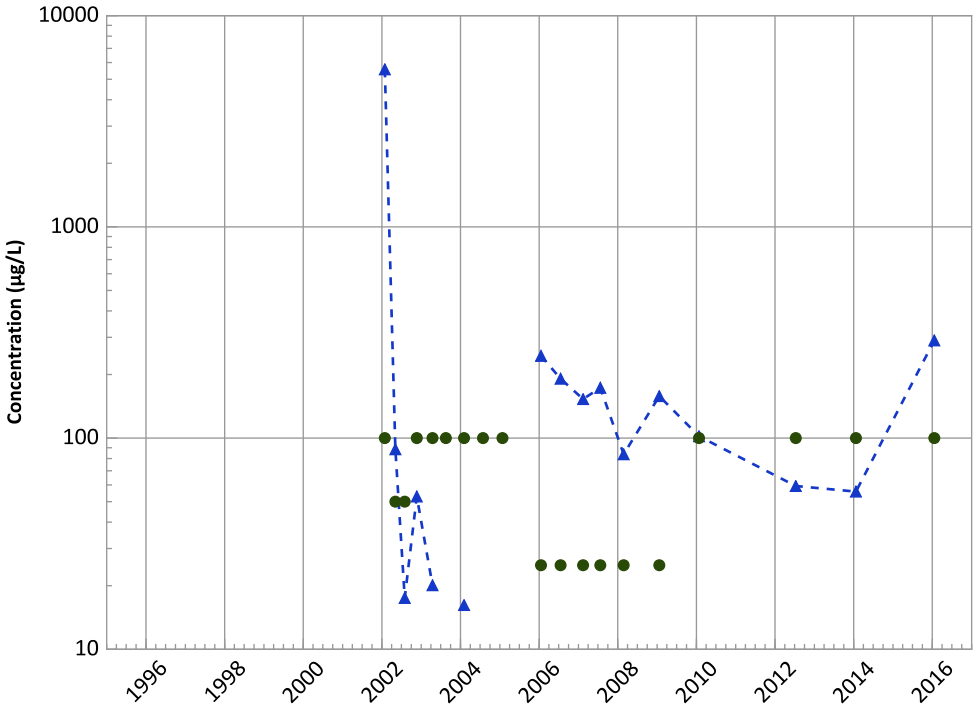
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

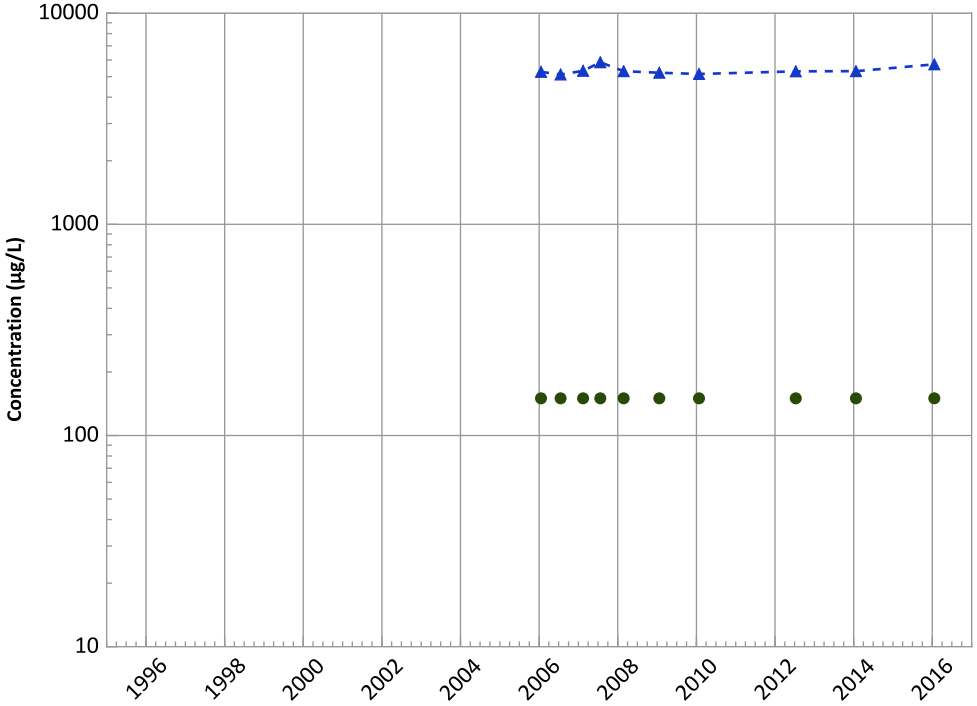


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Potassium Trend



Concentration Trend

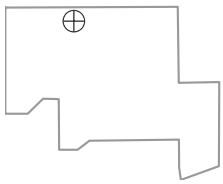
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

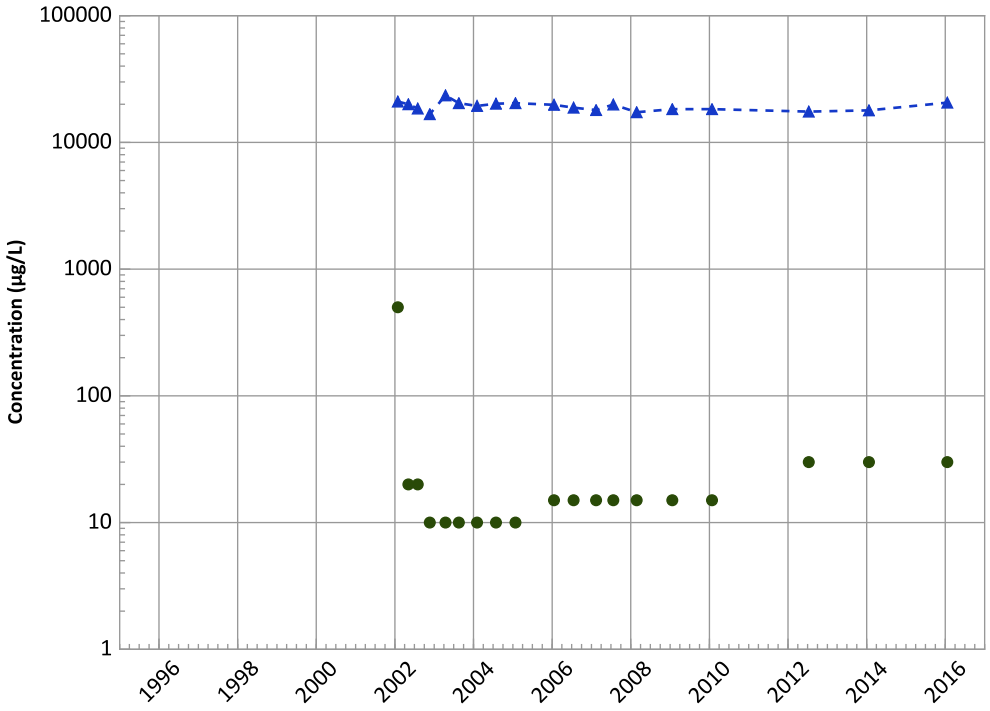
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

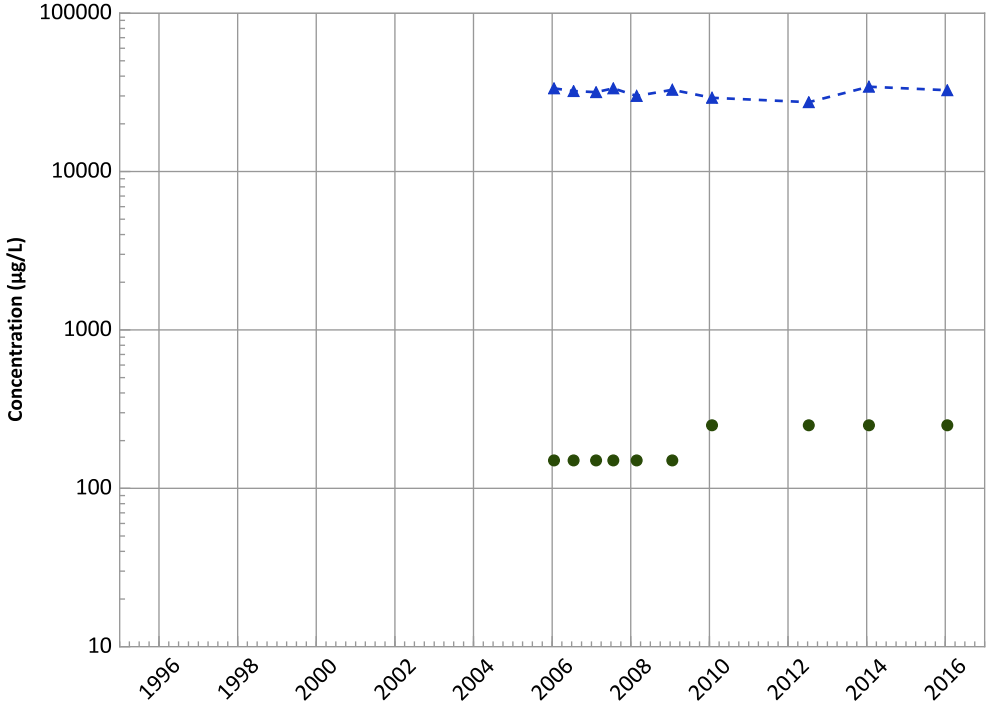


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Stable

Sodium Trend



Concentration Trend

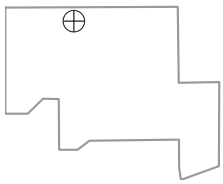
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

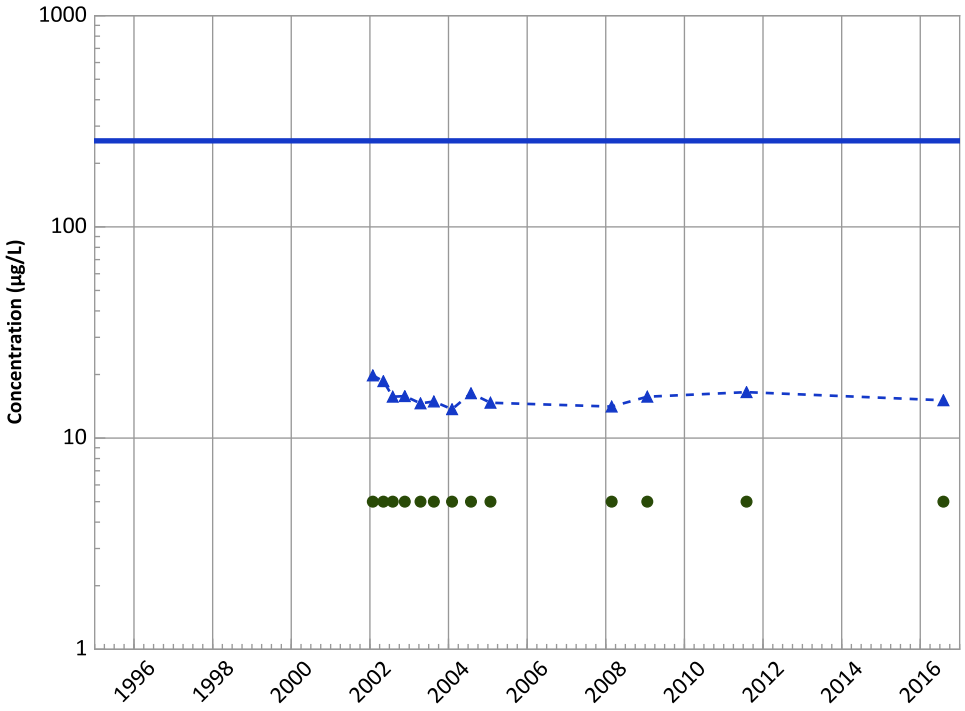
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

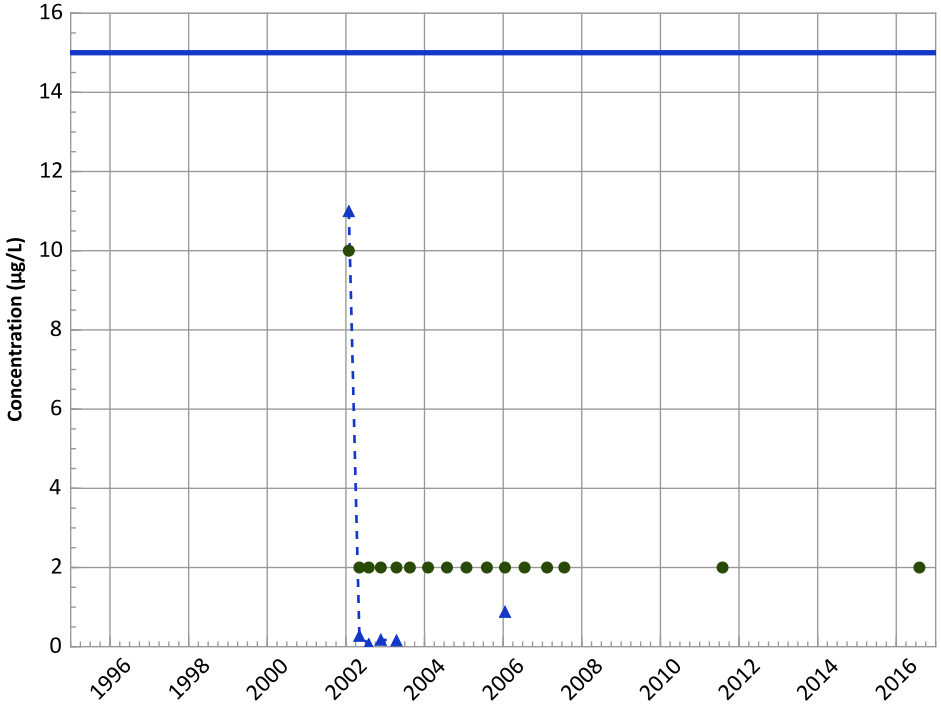


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Lead Trend



Concentration Trend

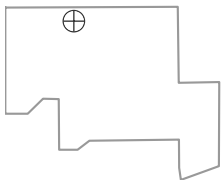
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

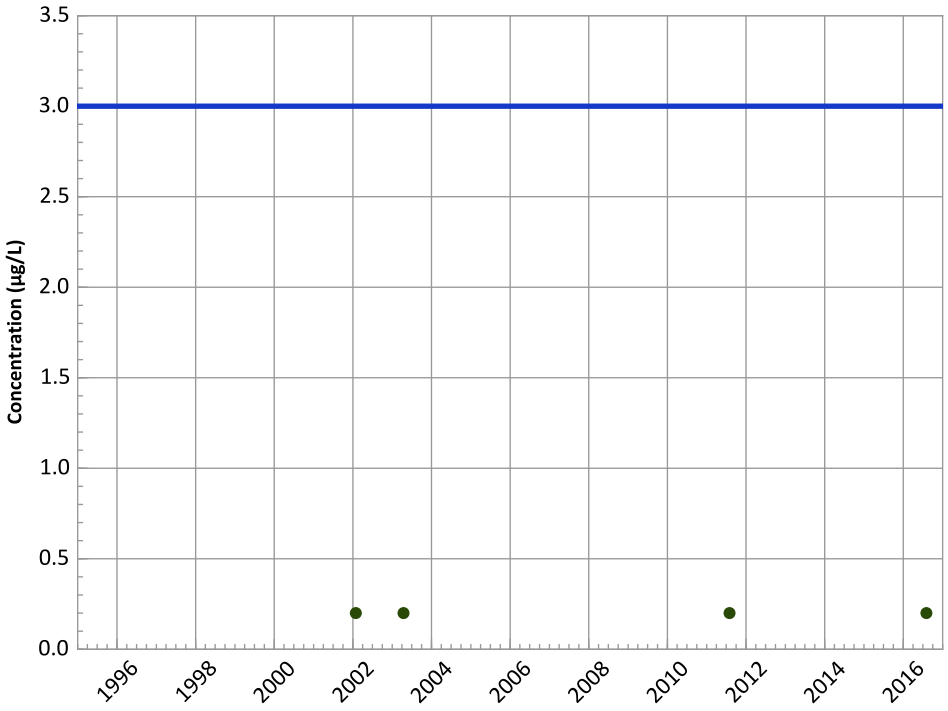
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Mercury Trend

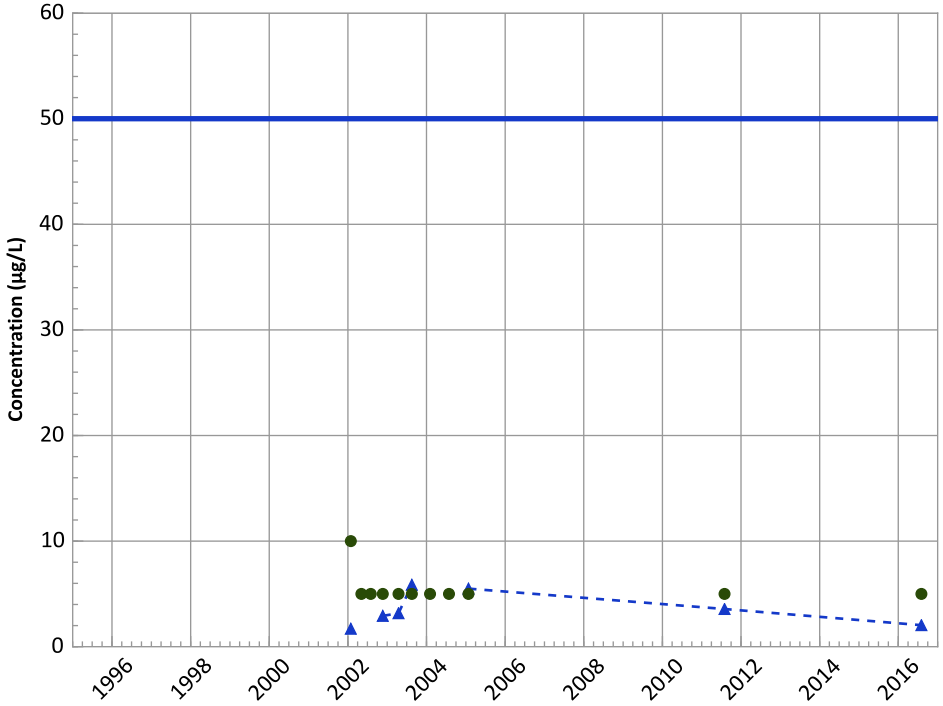


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Selenium Trend



Concentration Trend

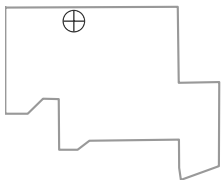
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

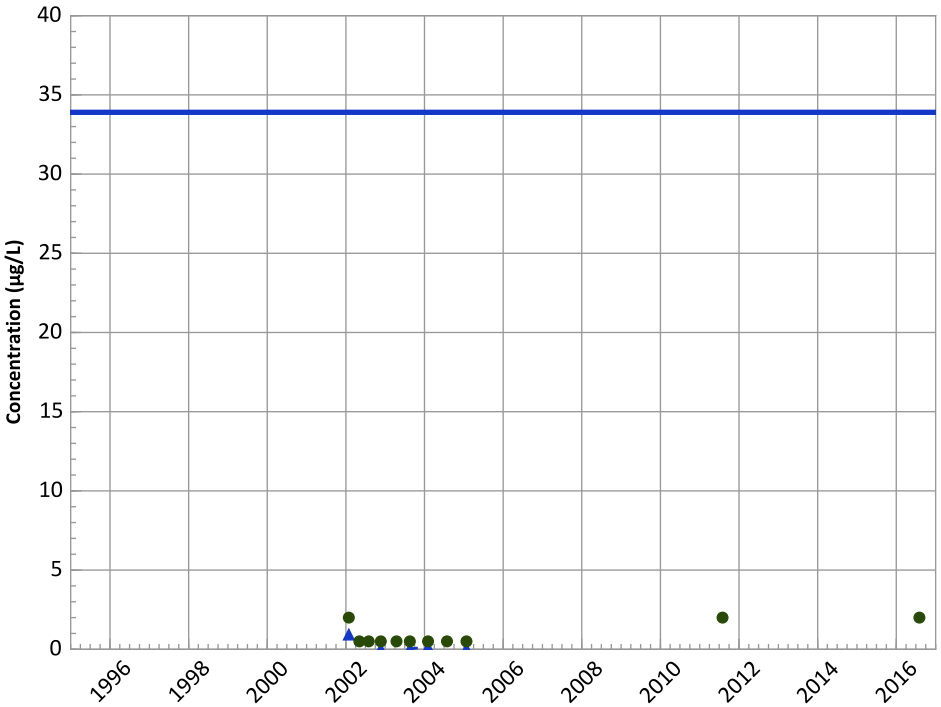
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Thallium Trend

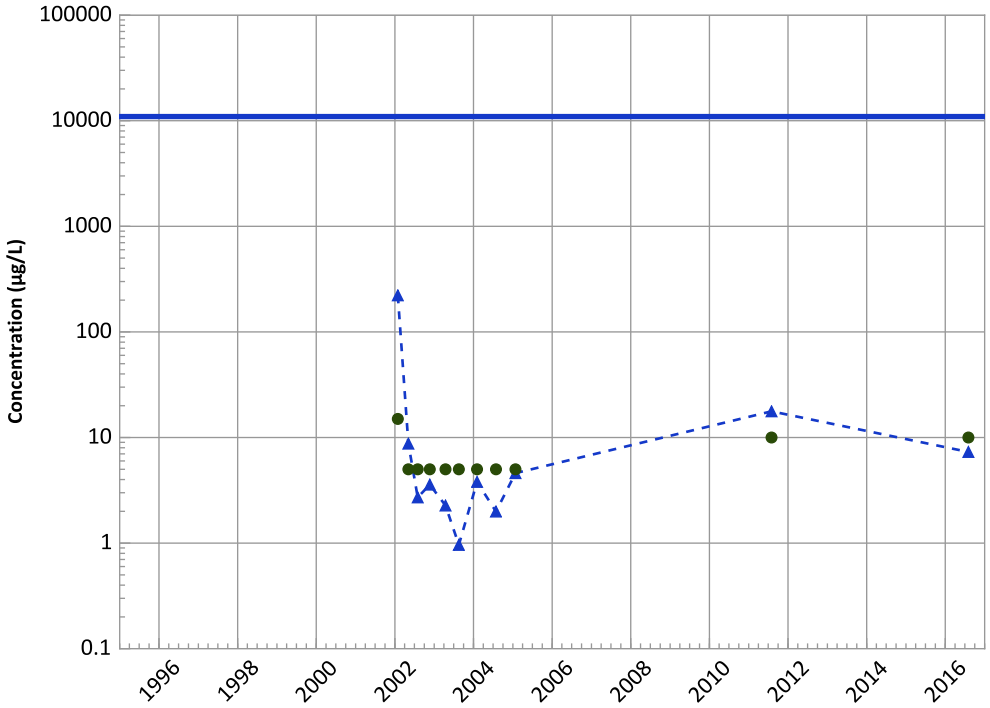


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Zinc Trend



Concentration Trend

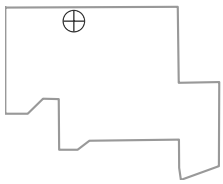
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

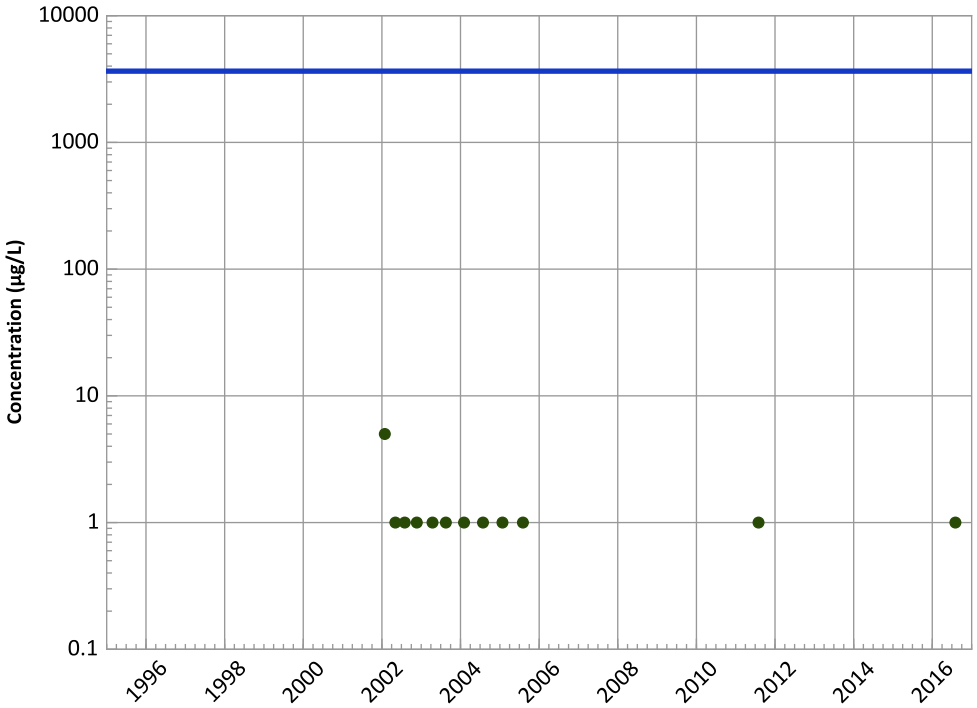
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1-Dichloroethane Trend

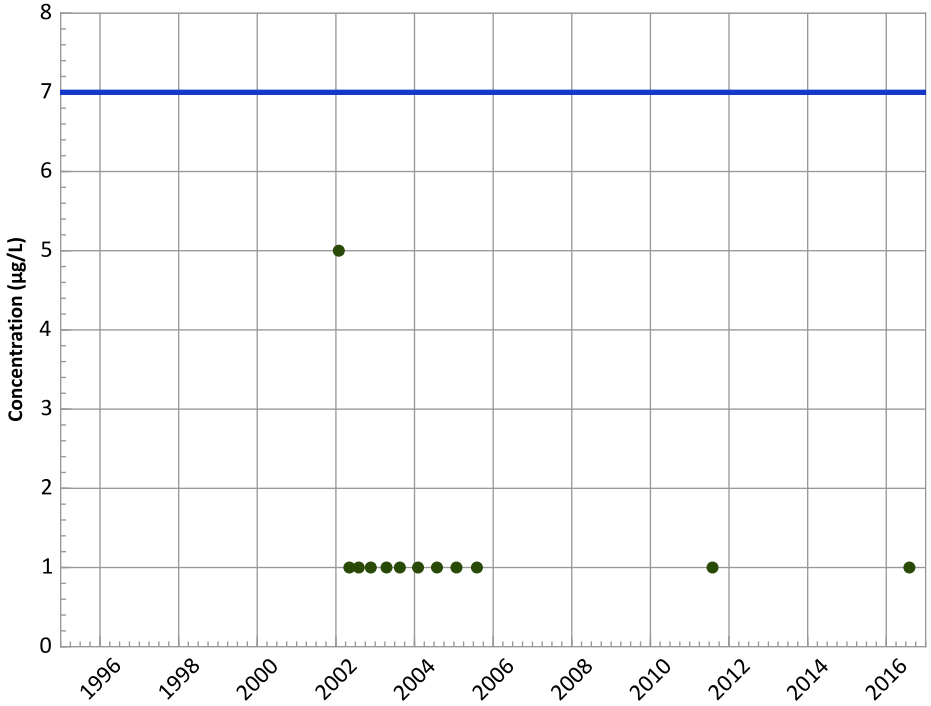


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1-Dichloroethene Trend



Concentration Trend

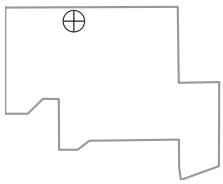
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

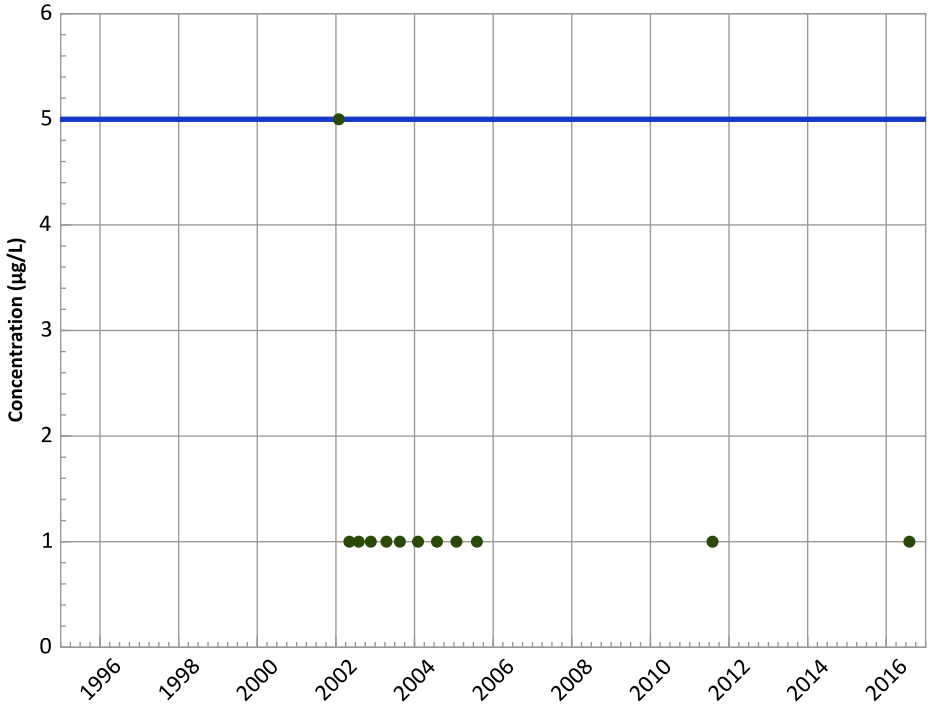
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1,2,2-Tetrachloroethane Trend

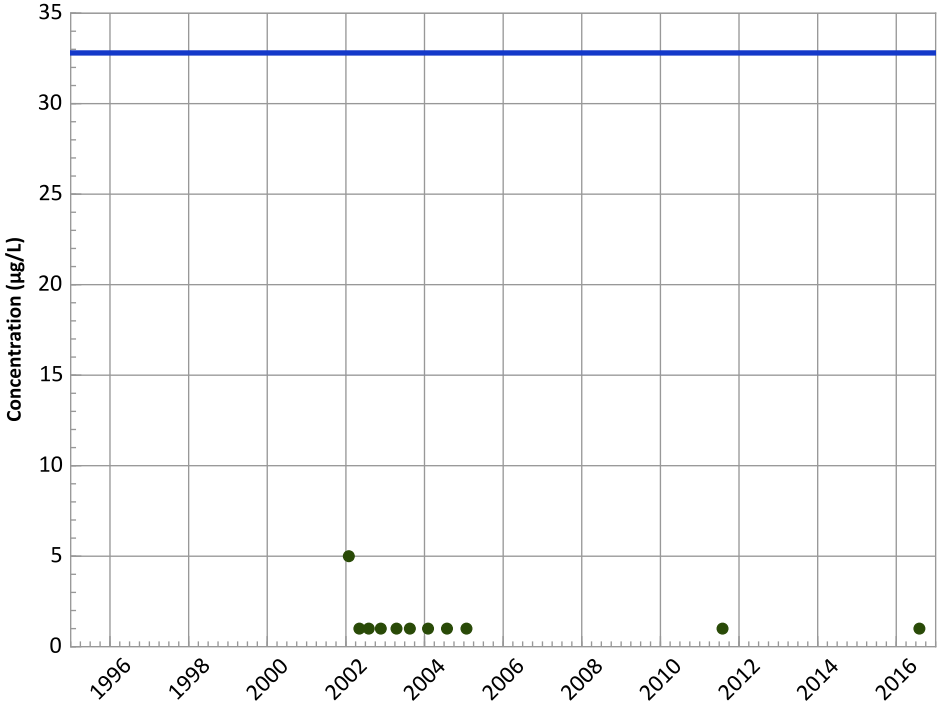


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1,1,2-Tetrachloroethane Trend



Concentration Trend

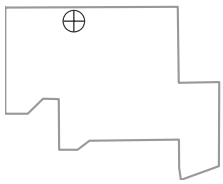
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

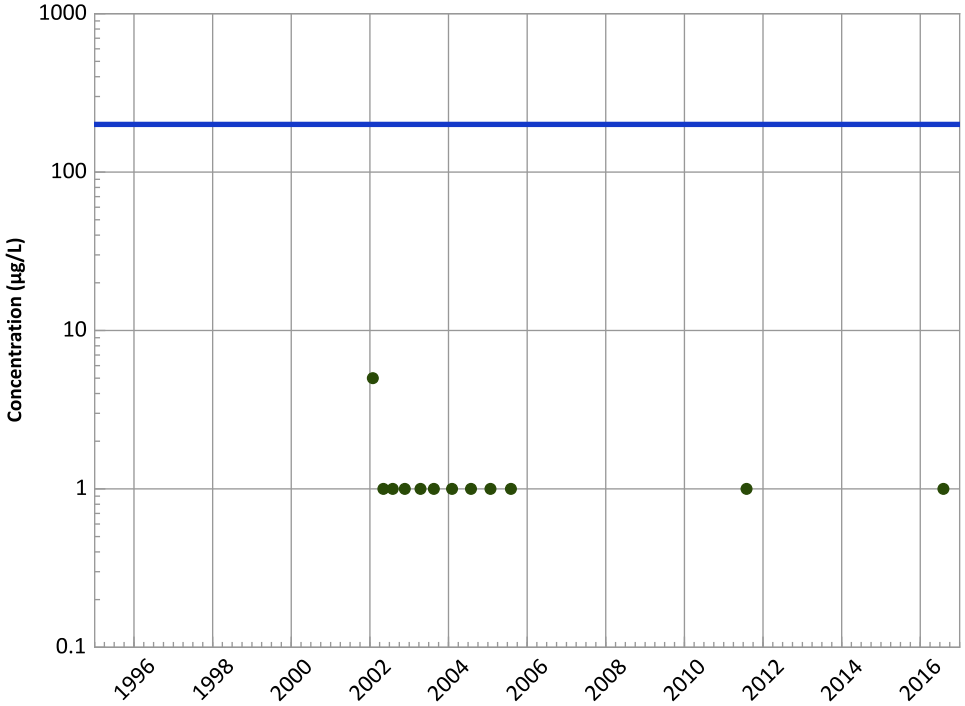
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1,1-Trichloroethane Trend

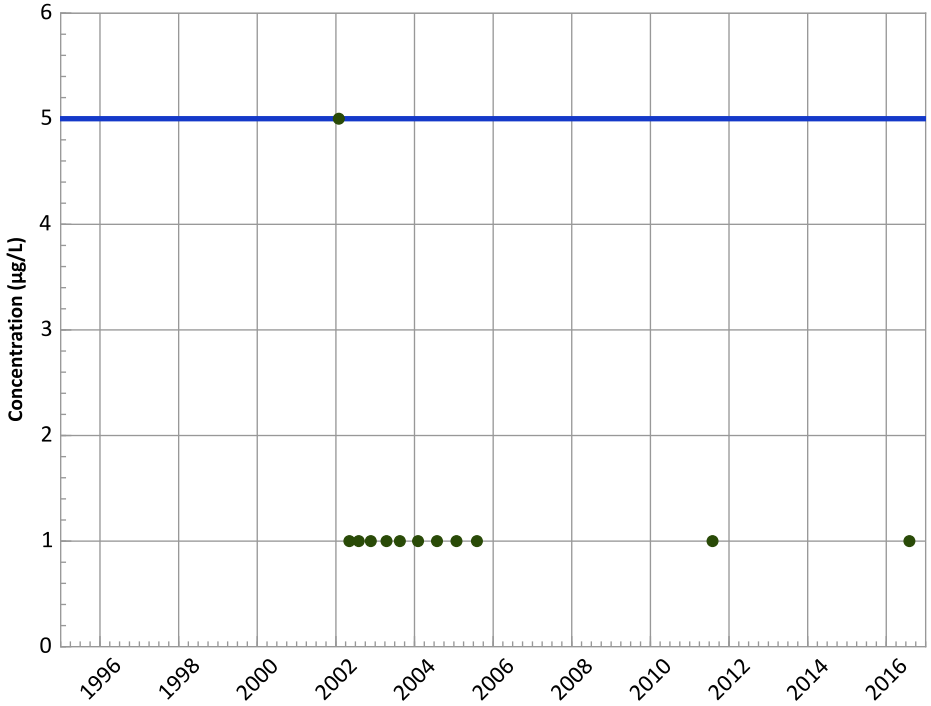


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1,2-Trichloroethane Trend



Concentration Trend

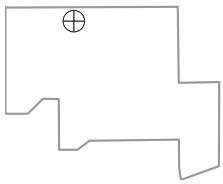
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

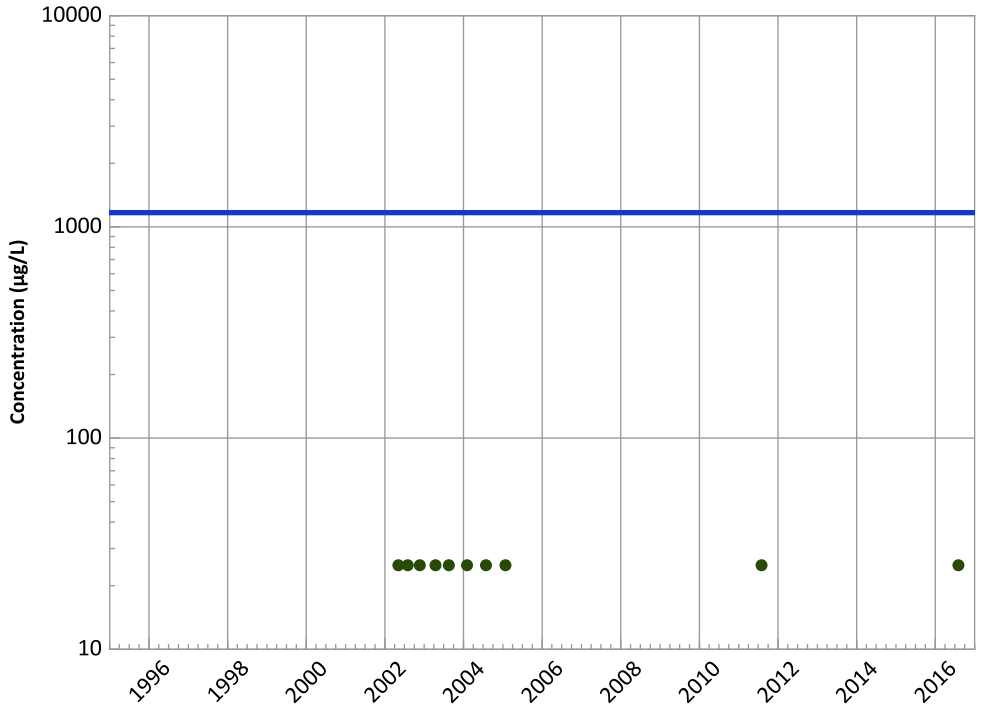
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Acetonitrile Trend

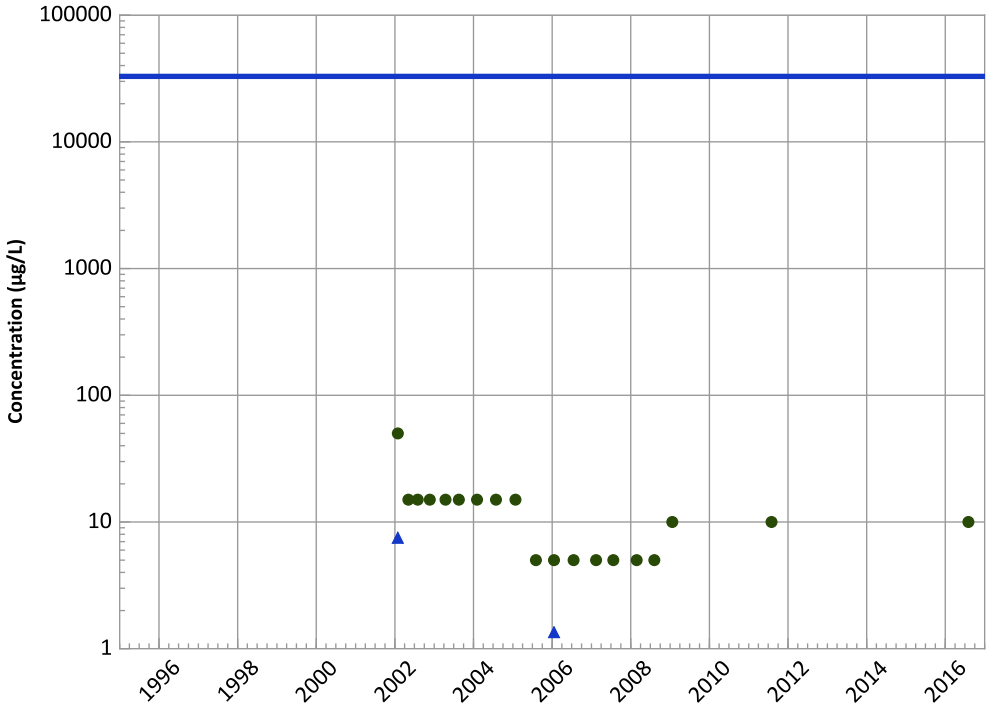


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Acetone Trend



Concentration Trend

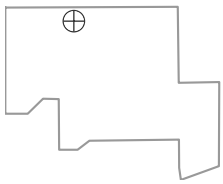
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

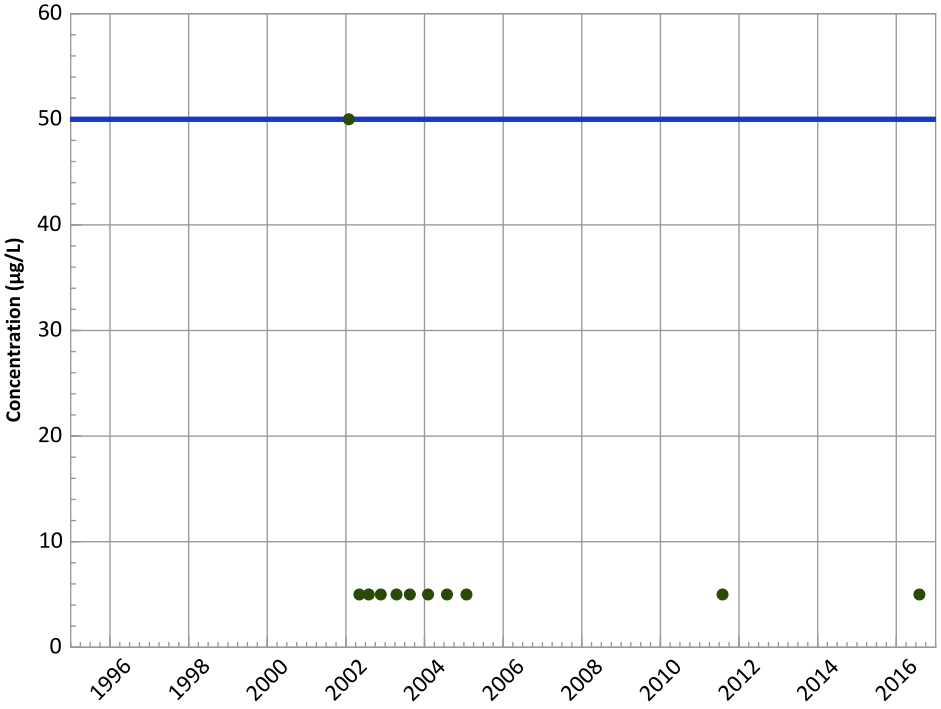
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Acrolein Trend

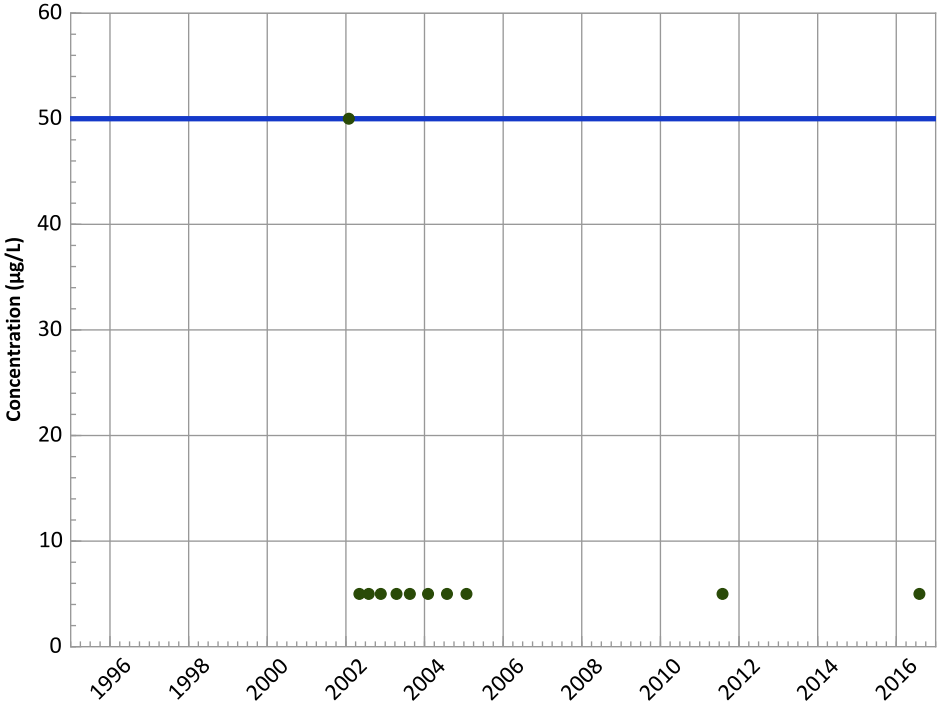


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Acrylonitrile Trend

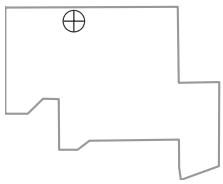


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Well Location

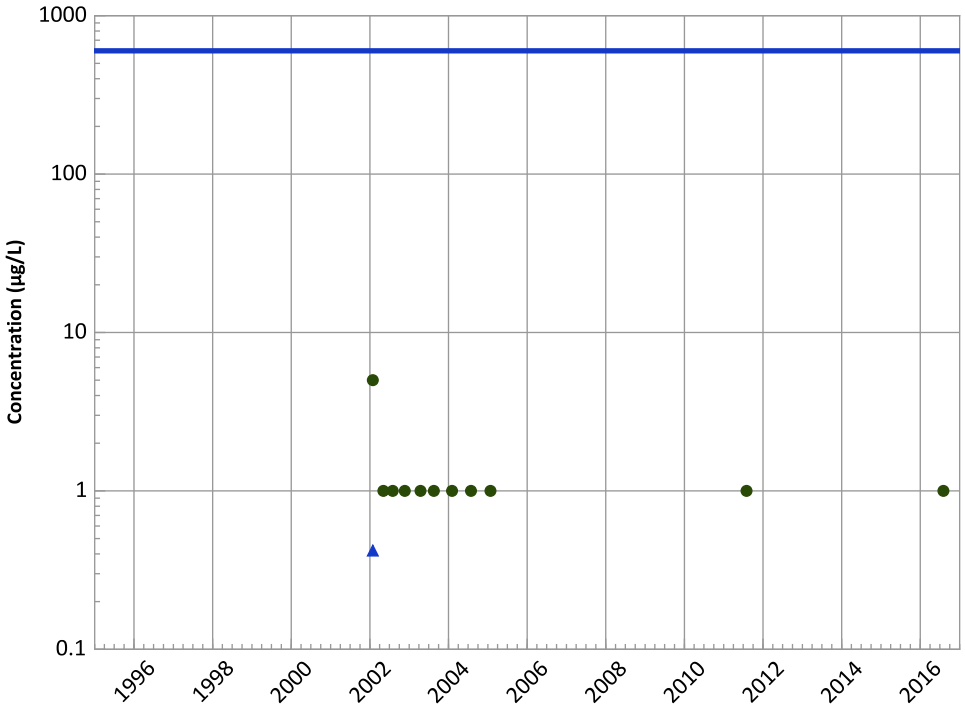


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ——— Groundwater Protection Standard

PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichlorobenzene Trend

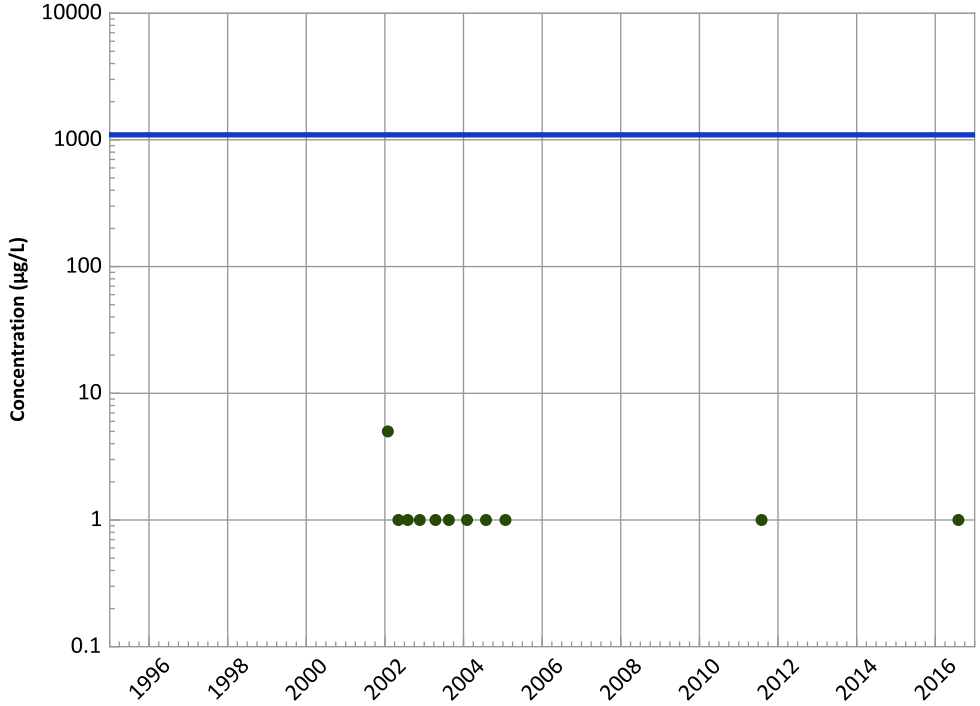


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

1,3-Dichlorobenzene Trend



Concentration Trend

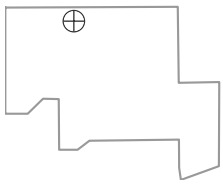
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

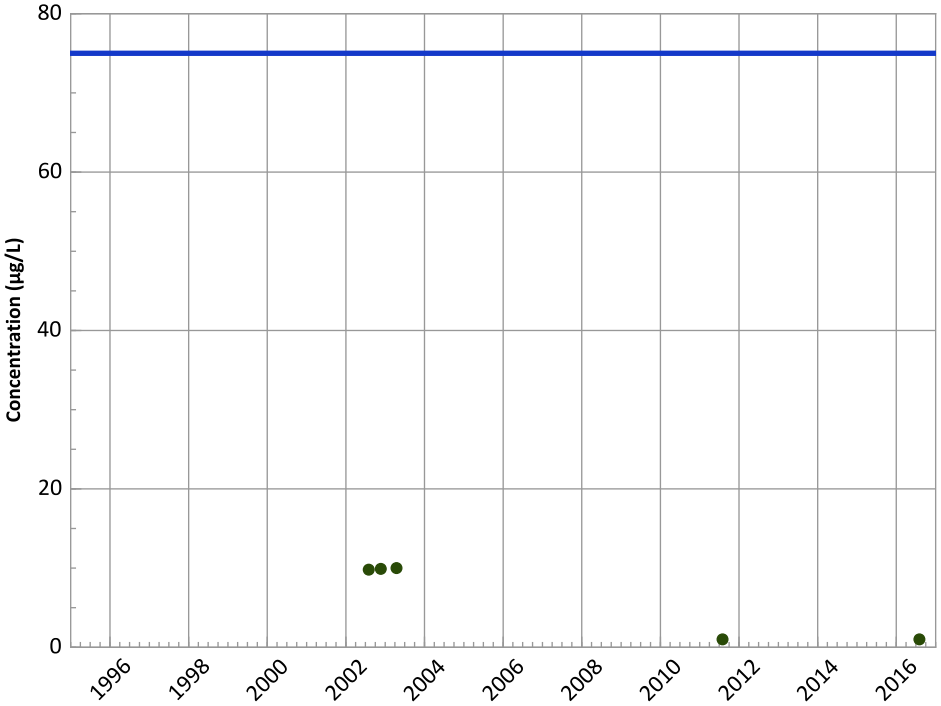
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,4-Dichlorobenzene Trend

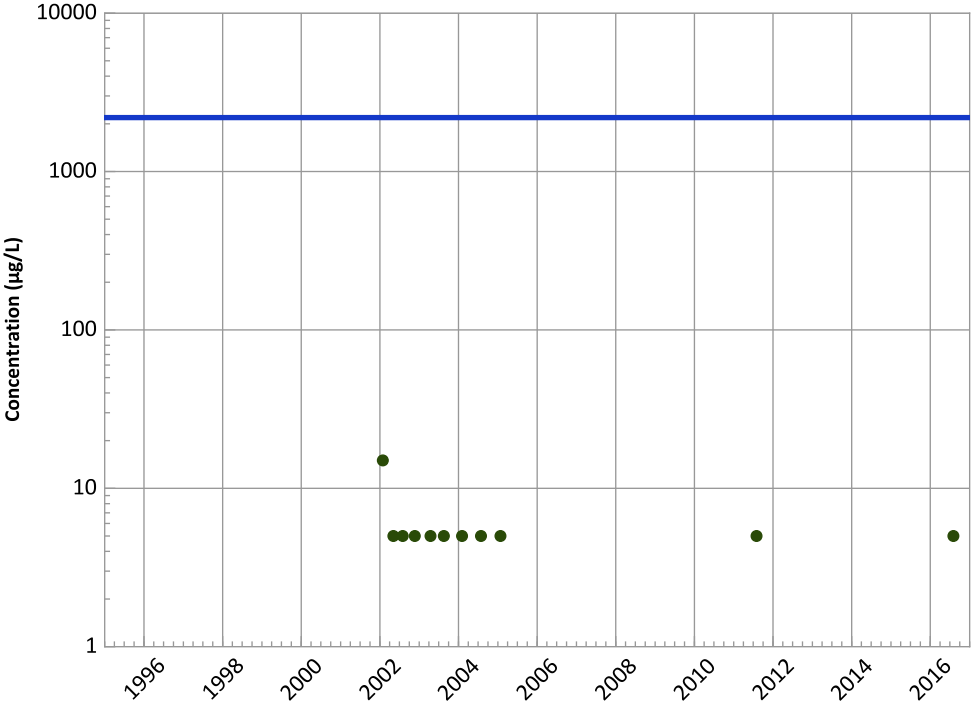


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2-Hexanone Trend



Concentration Trend

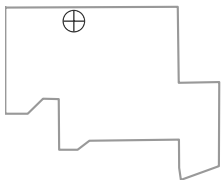
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

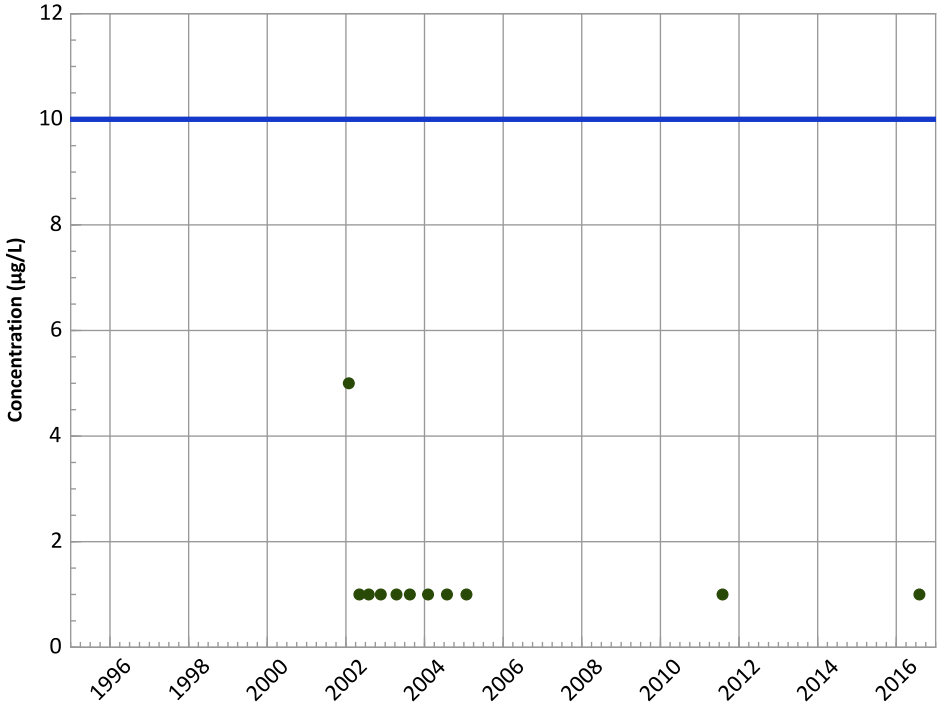
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2,3-Trichloropropane Trend

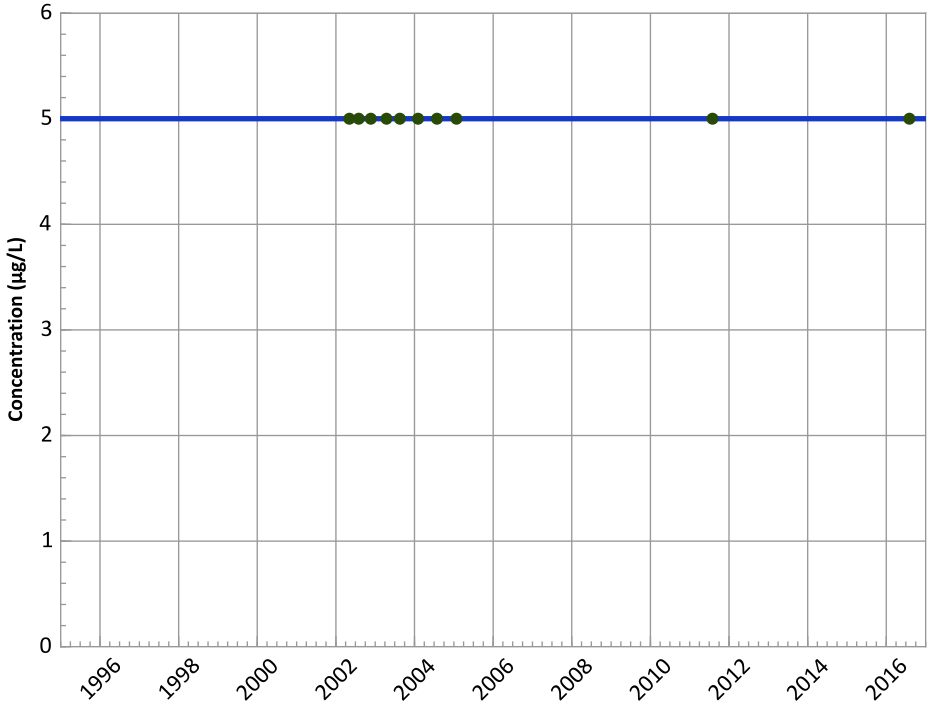


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Allyl Chloride Trend



Concentration Trend

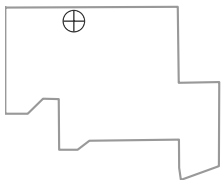
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

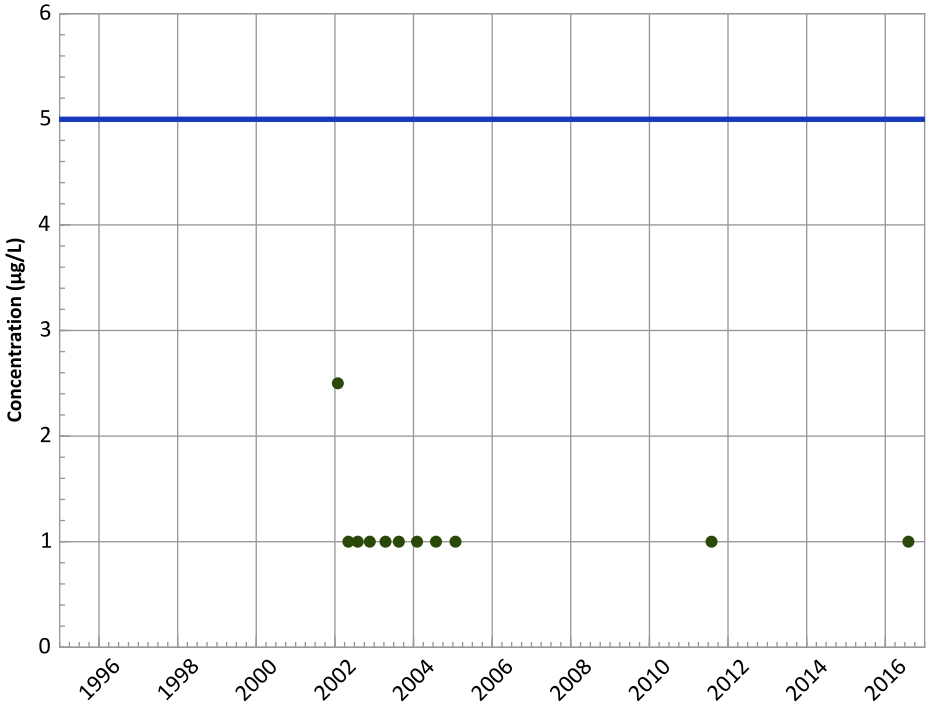
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Benzene Trend

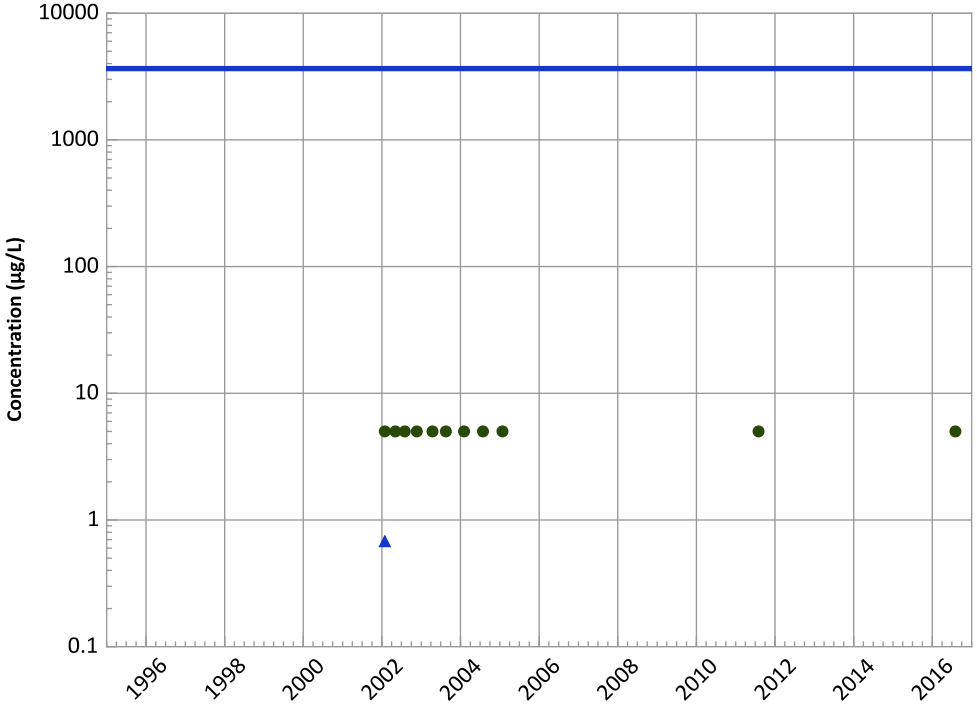


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Carbon Disulfide Trend



Concentration Trend

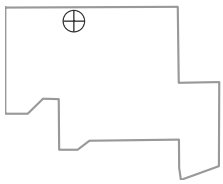
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

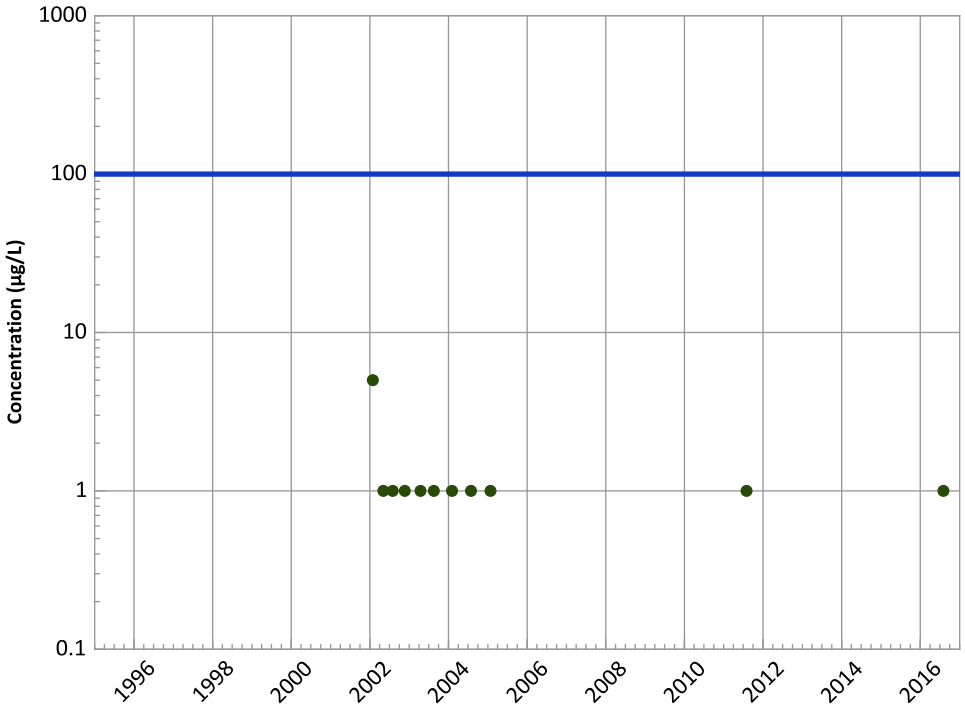
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chlorobenzene Trend

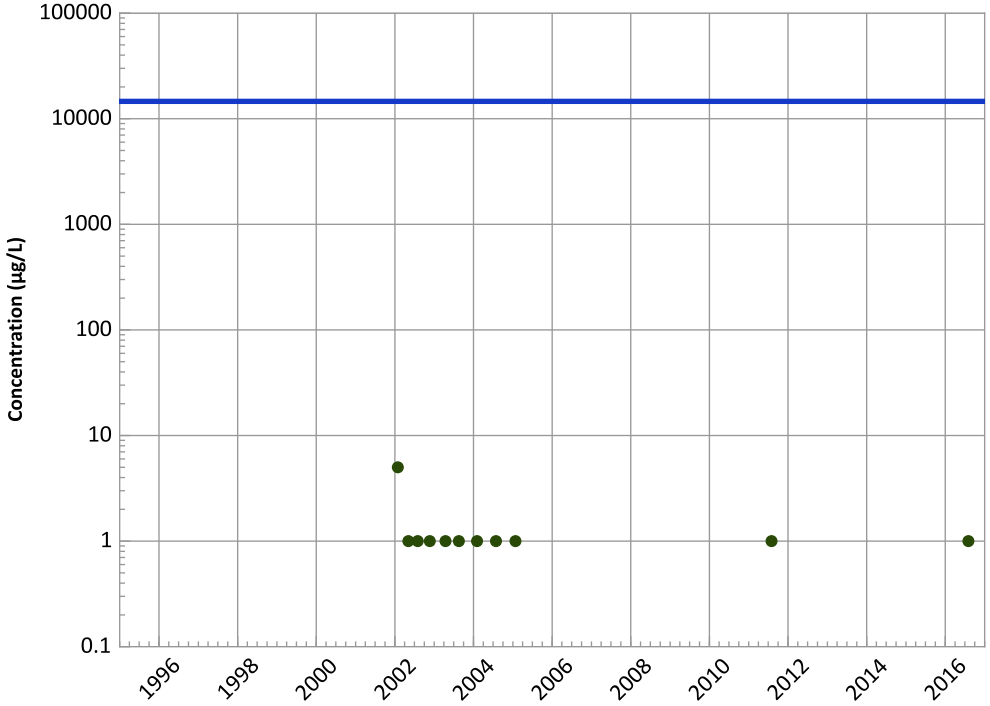


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Chloroethane Trend



Concentration Trend

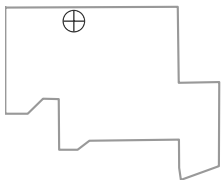
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

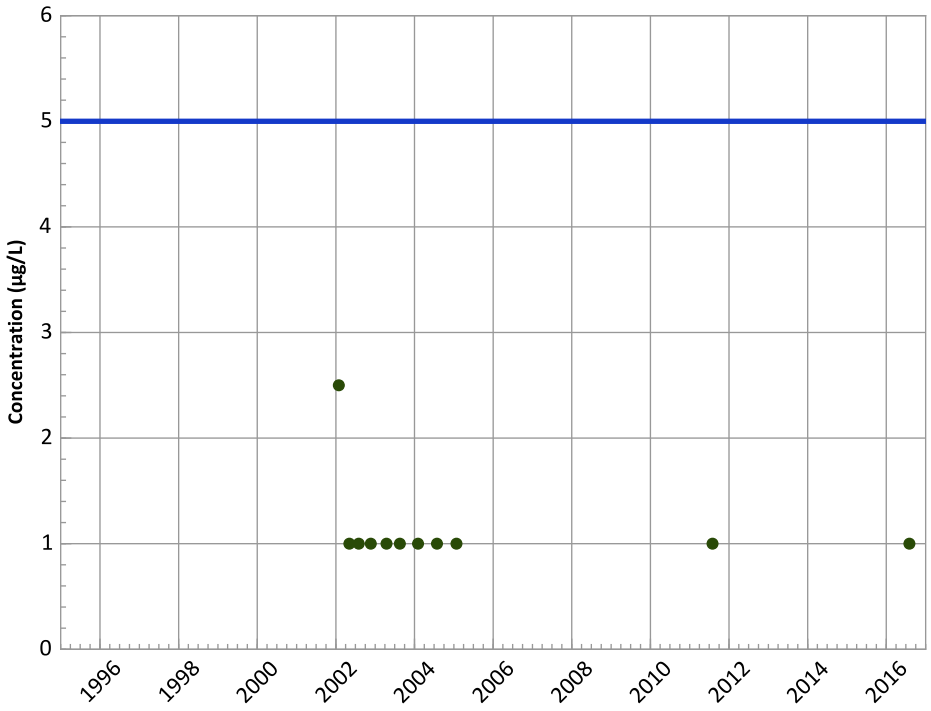
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Carbon Tetrachloride Trend

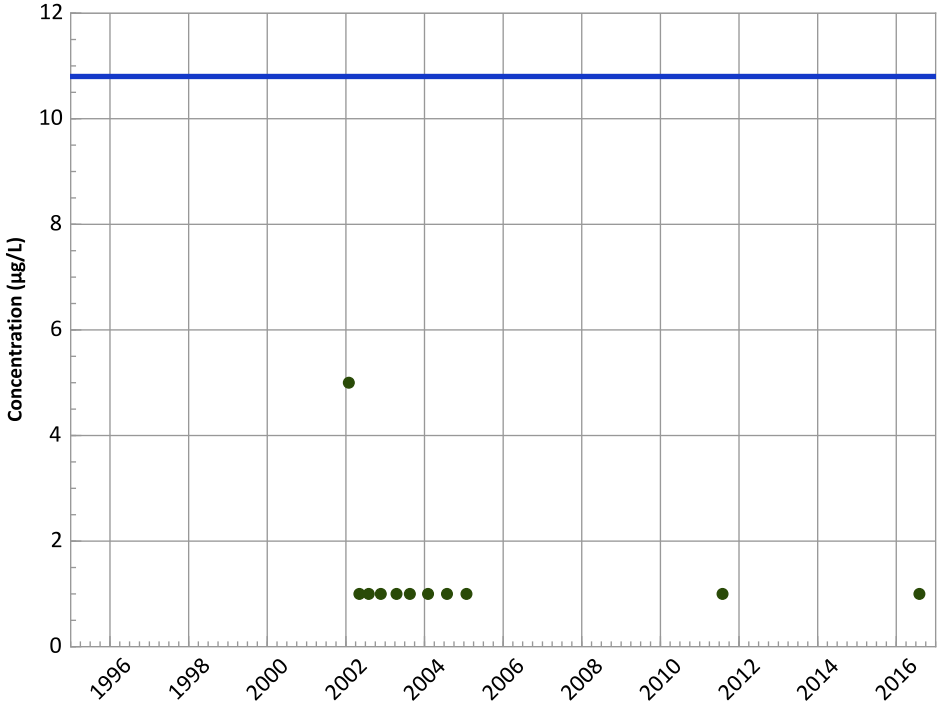


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Bromoform Trend

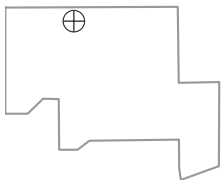


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Well Location

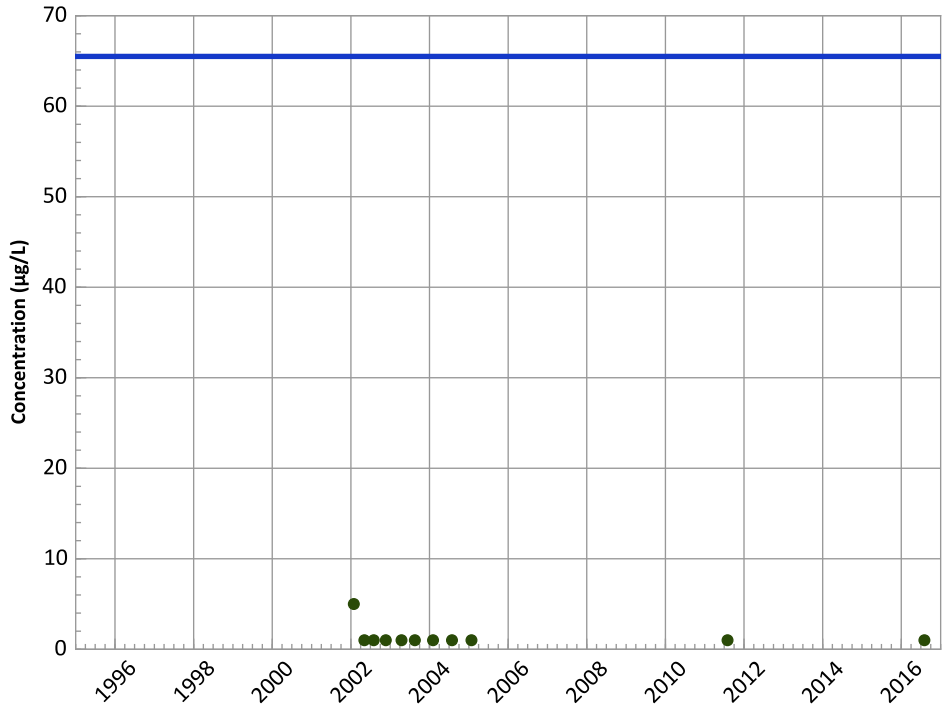


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloromethane Trend

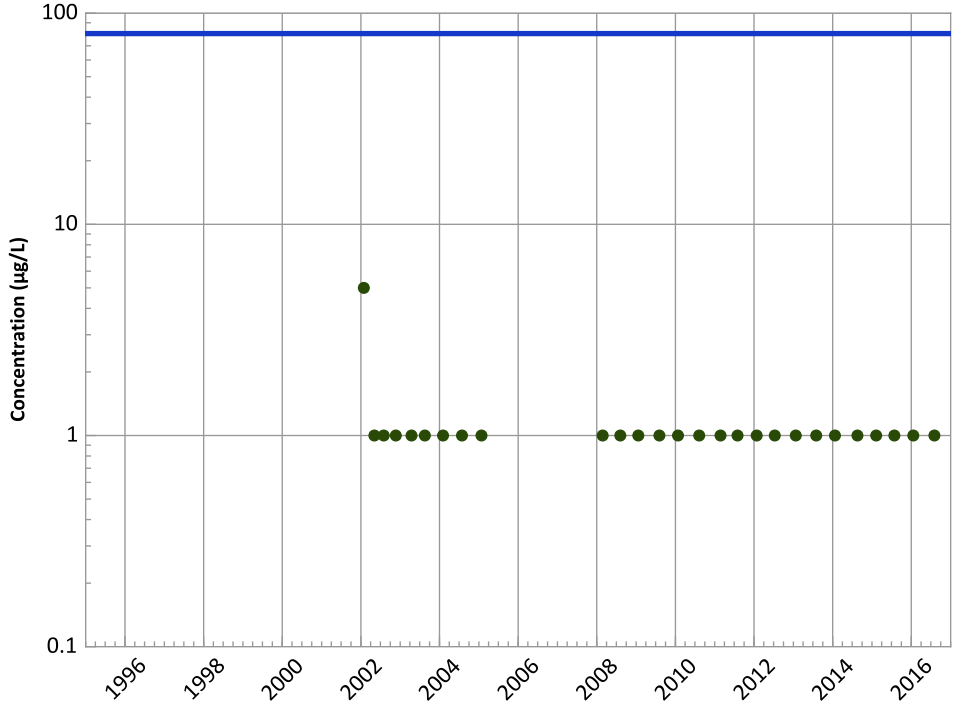


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Chloroform Trend



Concentration Trend

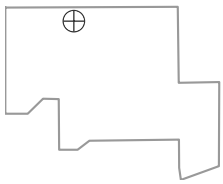
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

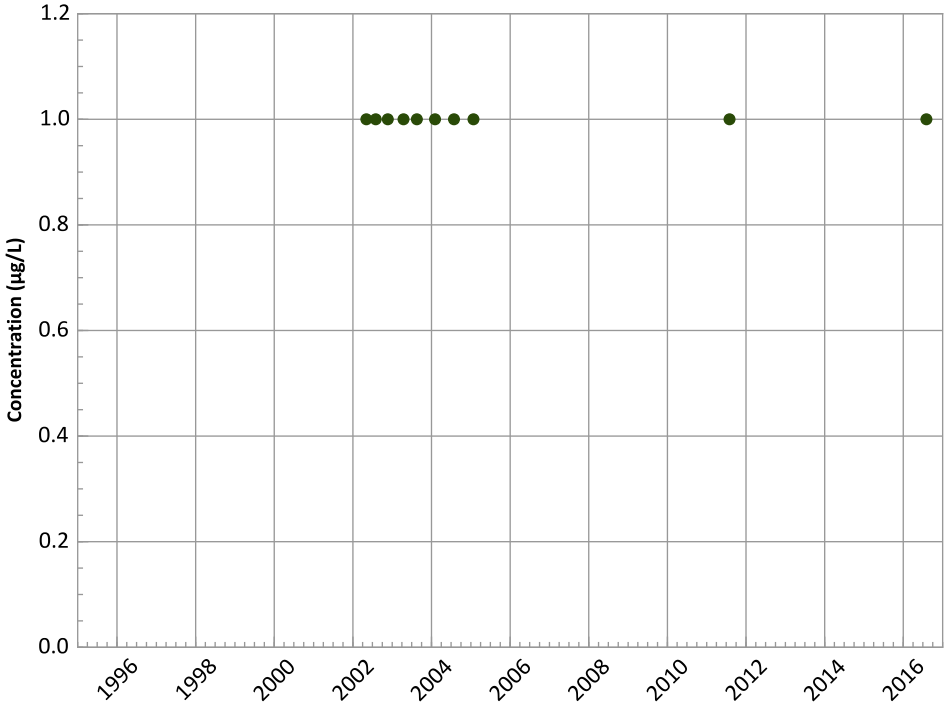
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2-Chloro-1,3-Butadiene Trend

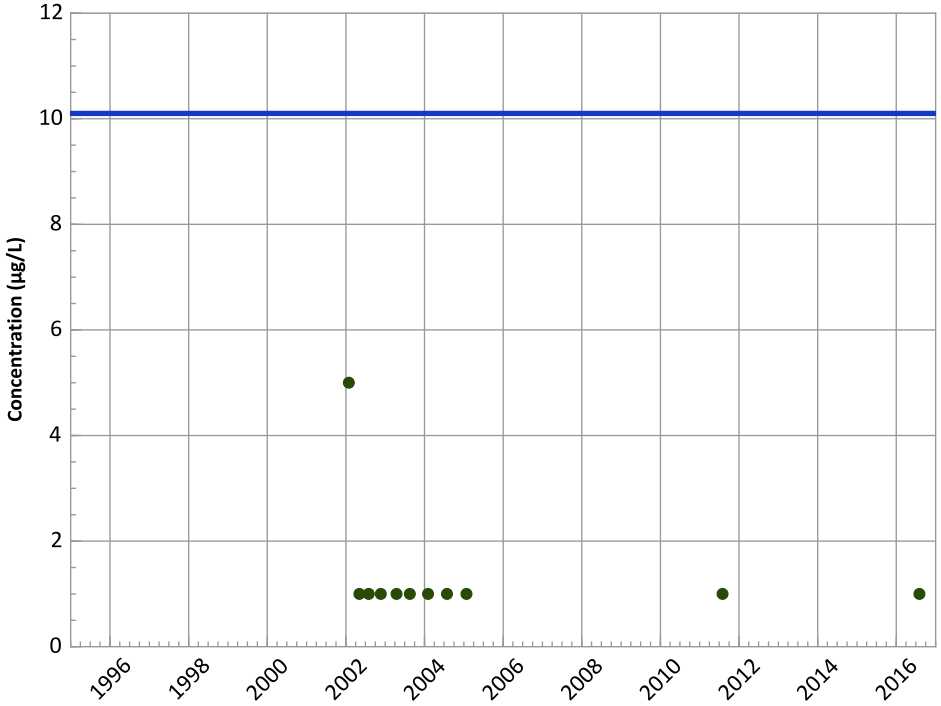


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Dibromochloromethane Trend



Concentration Trend

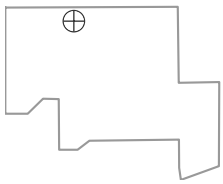
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

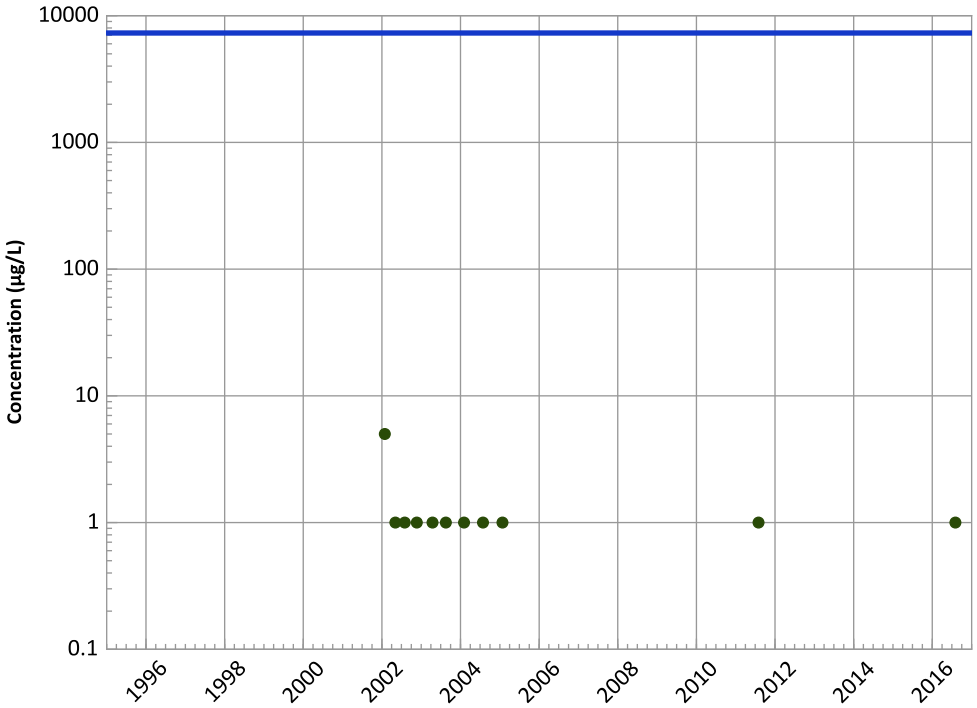
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Dichlorodifluoromethane Trend

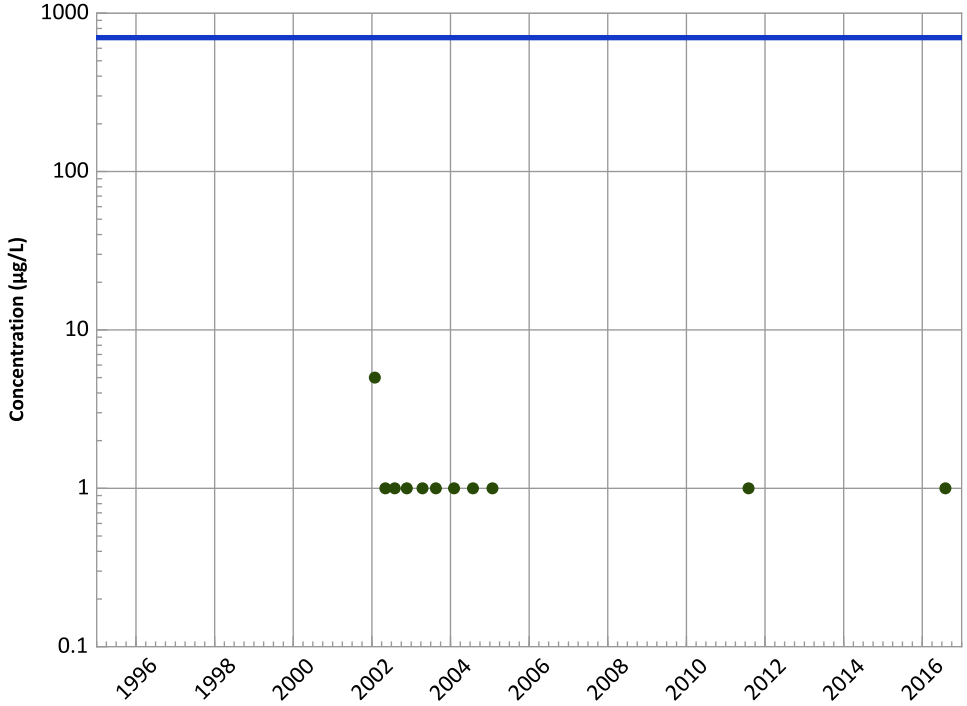


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Ethylbenzene Trend



Concentration Trend

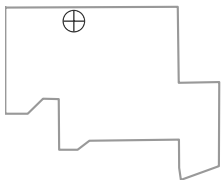
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

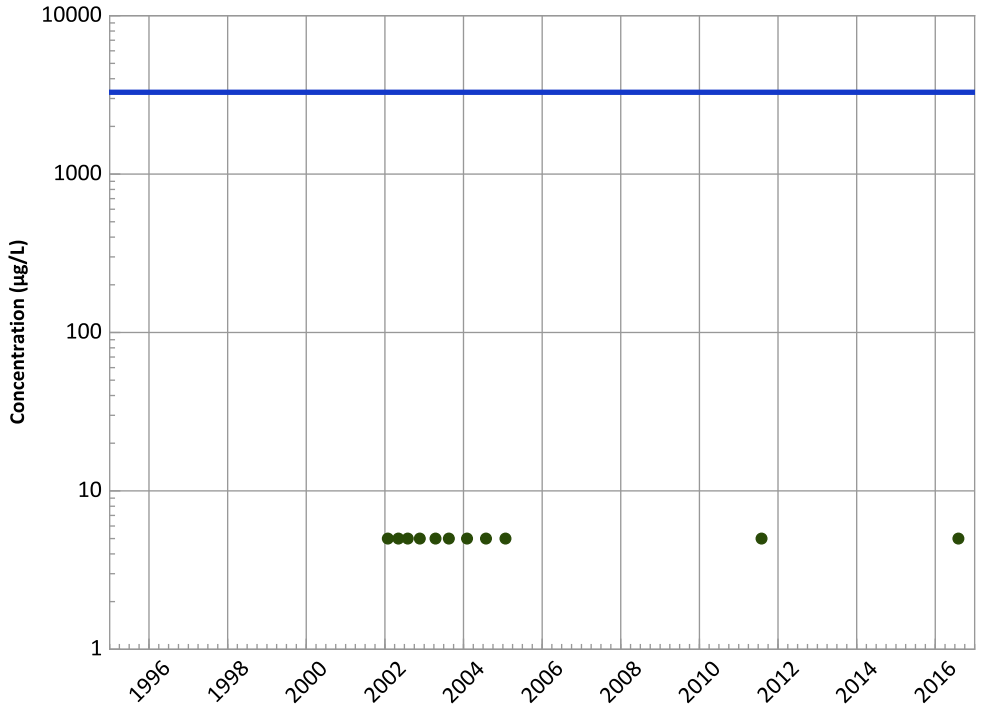
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Ethyl Methacrylate Trend

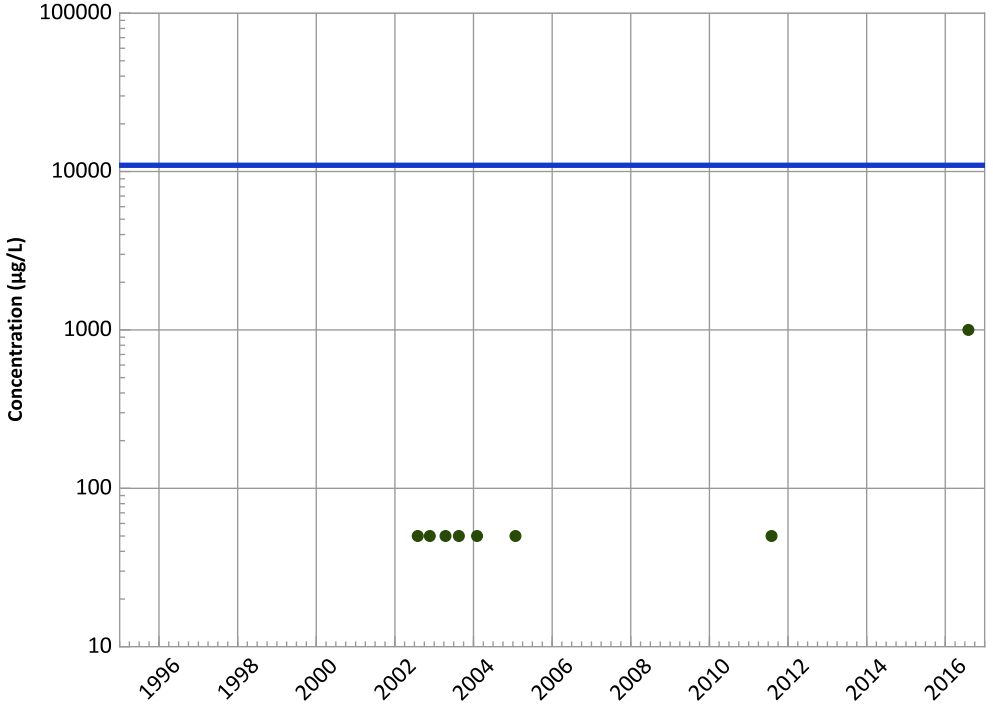


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Isobutanol Trend



Concentration Trend

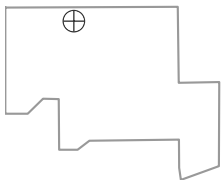
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

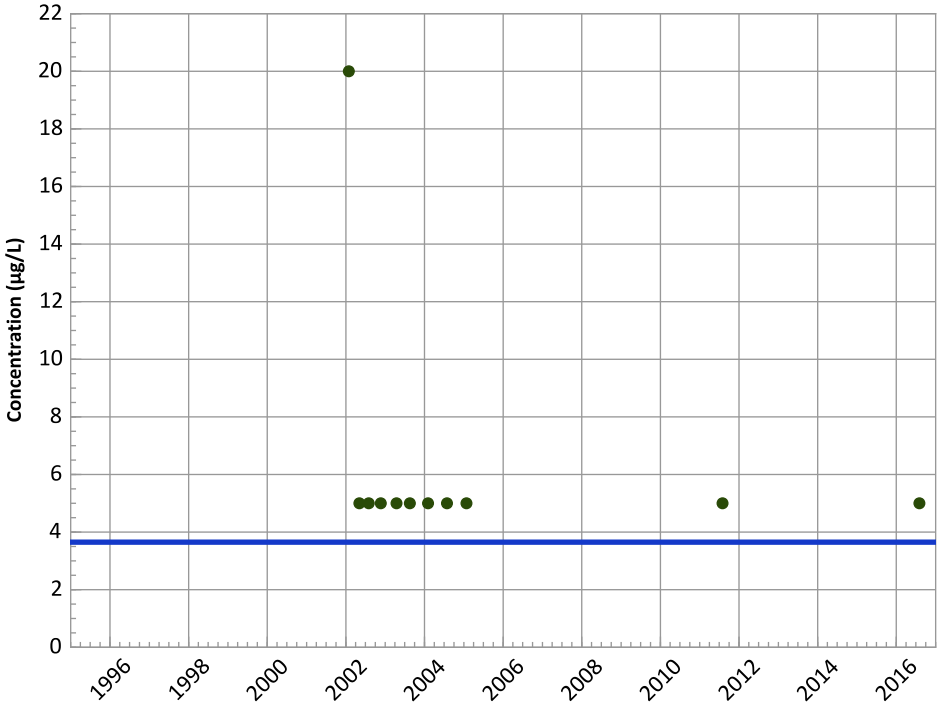
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methylacrylonitrile Trend

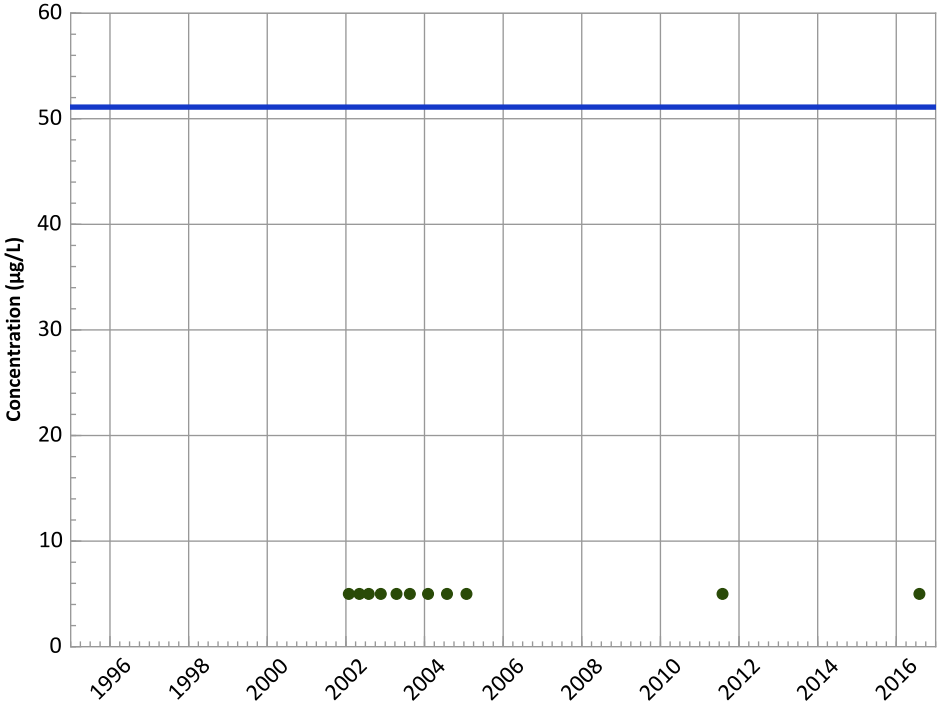


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Iodomethane (Methyl Iodide) Trend

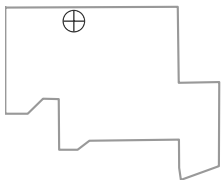


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Well Location

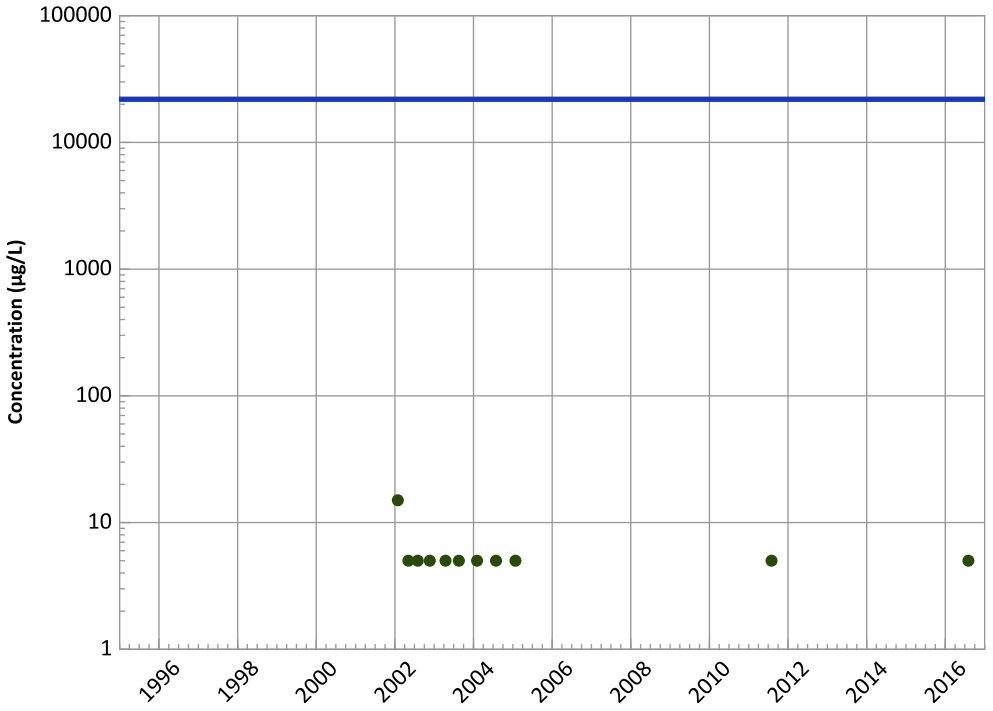


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ═══ Groundwater Protection Standard

PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methyl Ethyl Ketone (2-Butanone) Trend

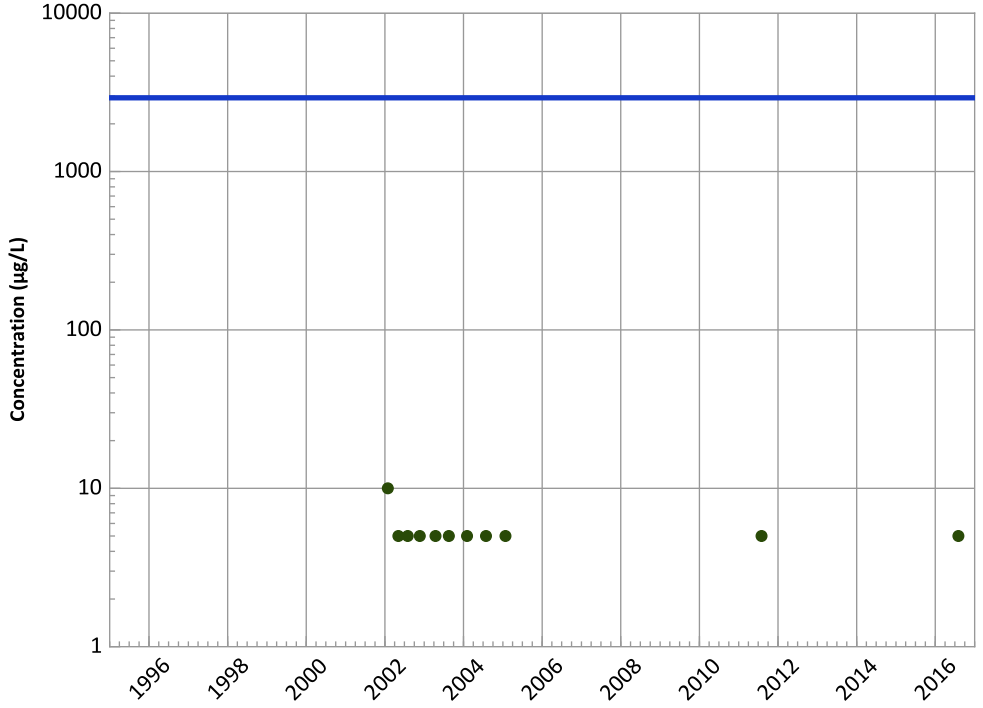


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) Trend



Concentration Trend

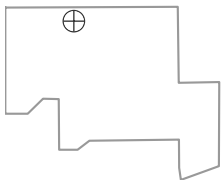
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

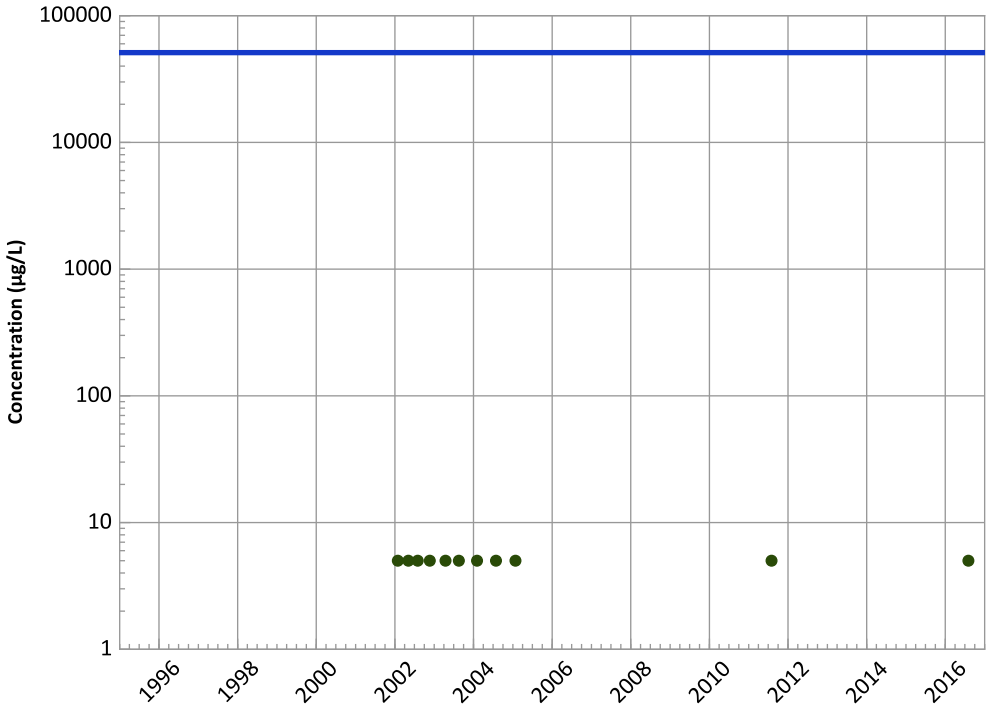
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methyl Methacrylate Trend

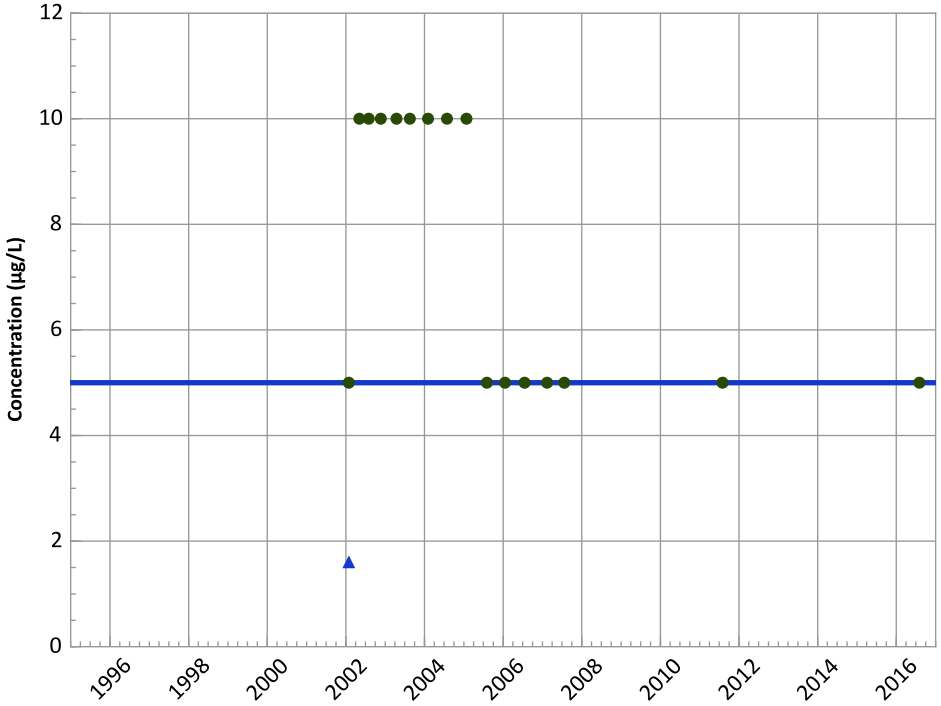


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methylene Chloride Trend



Concentration Trend

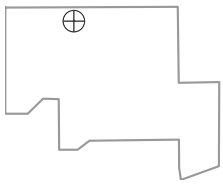
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

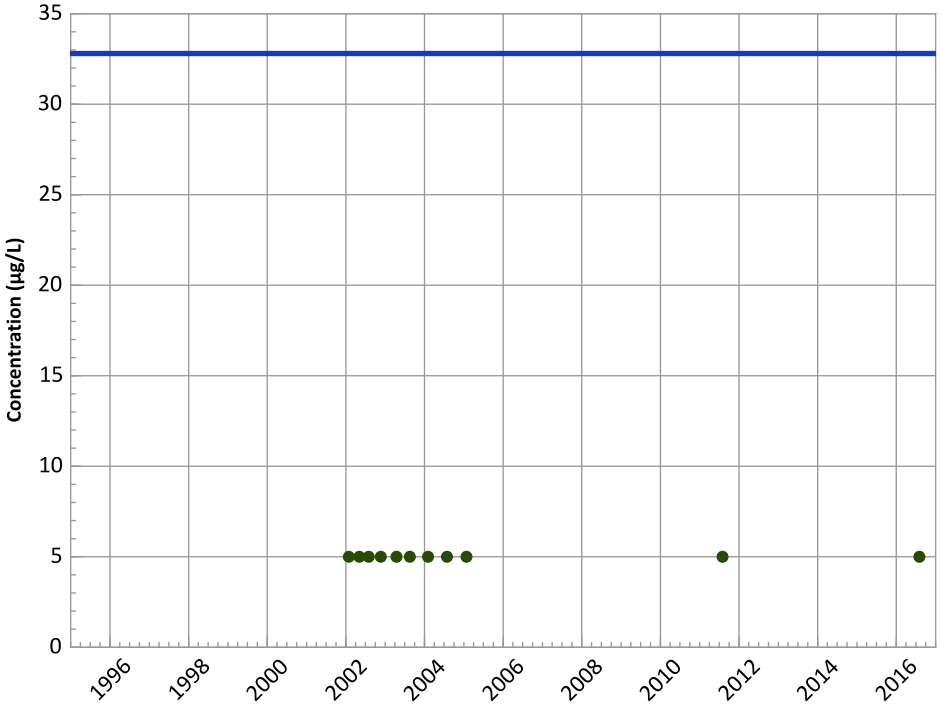
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Pentachloroethane Trend

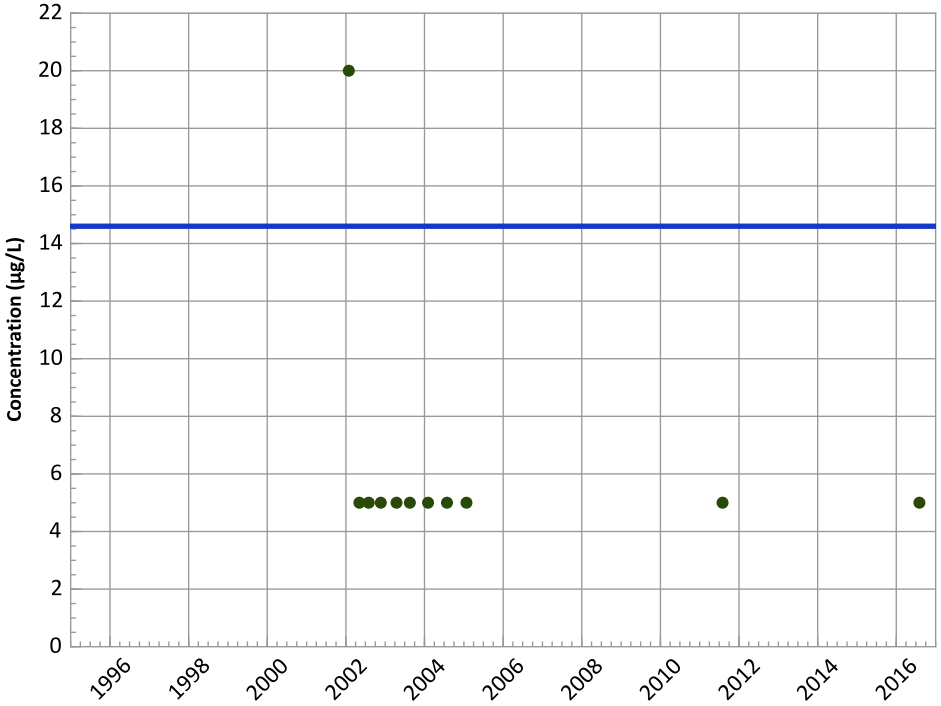


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Propane Nitrile (Propionitrile) Trend



Concentration Trend

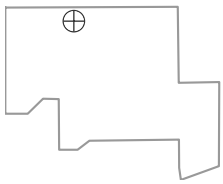
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

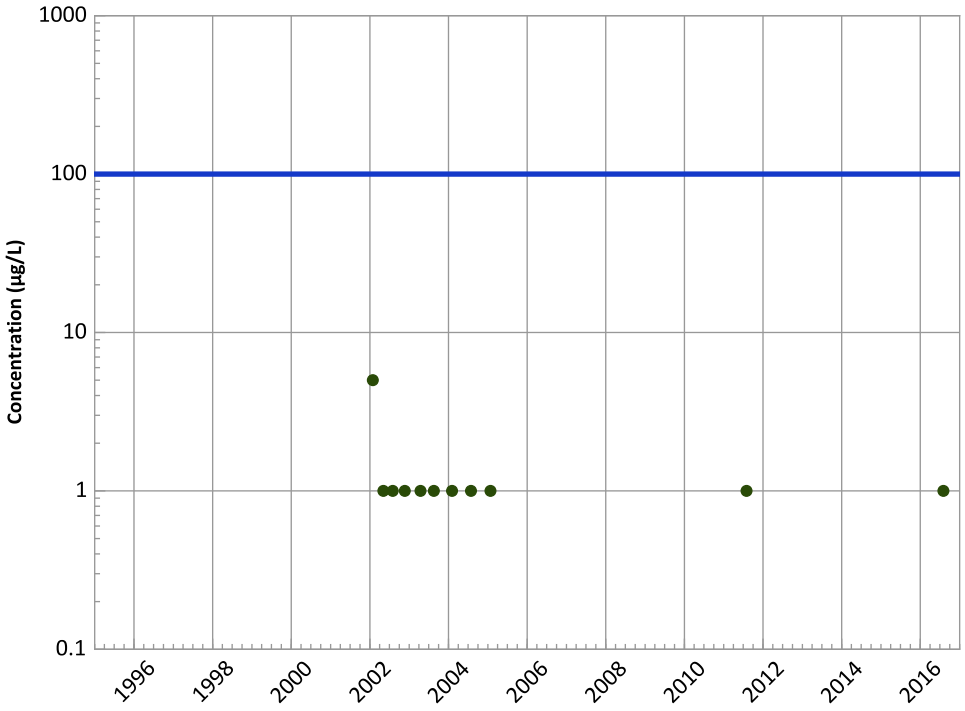
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Styrene Trend

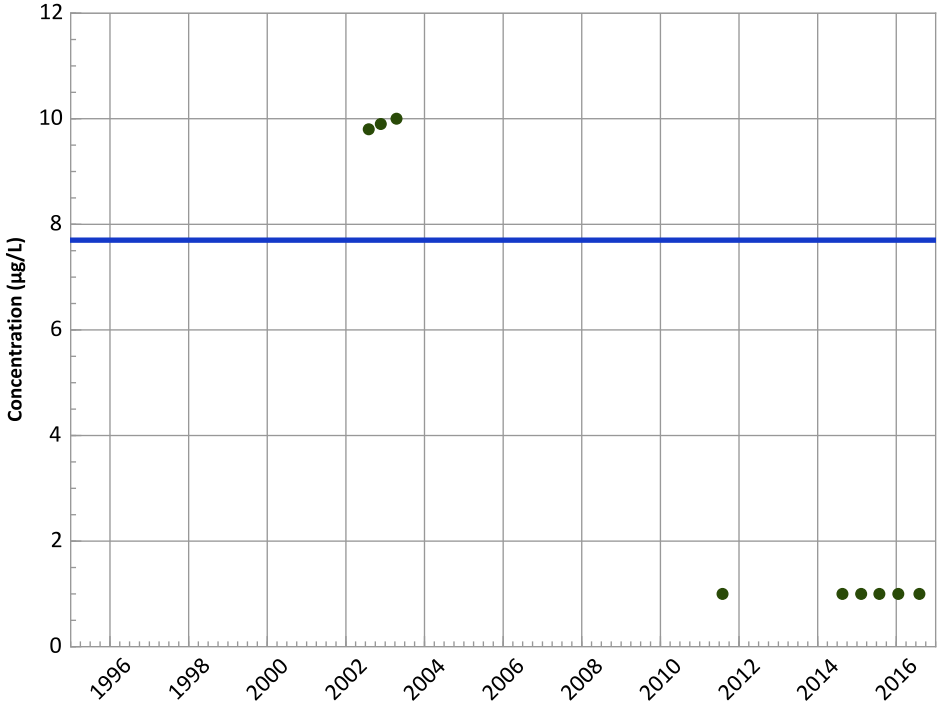


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend

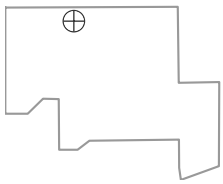


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Well Location

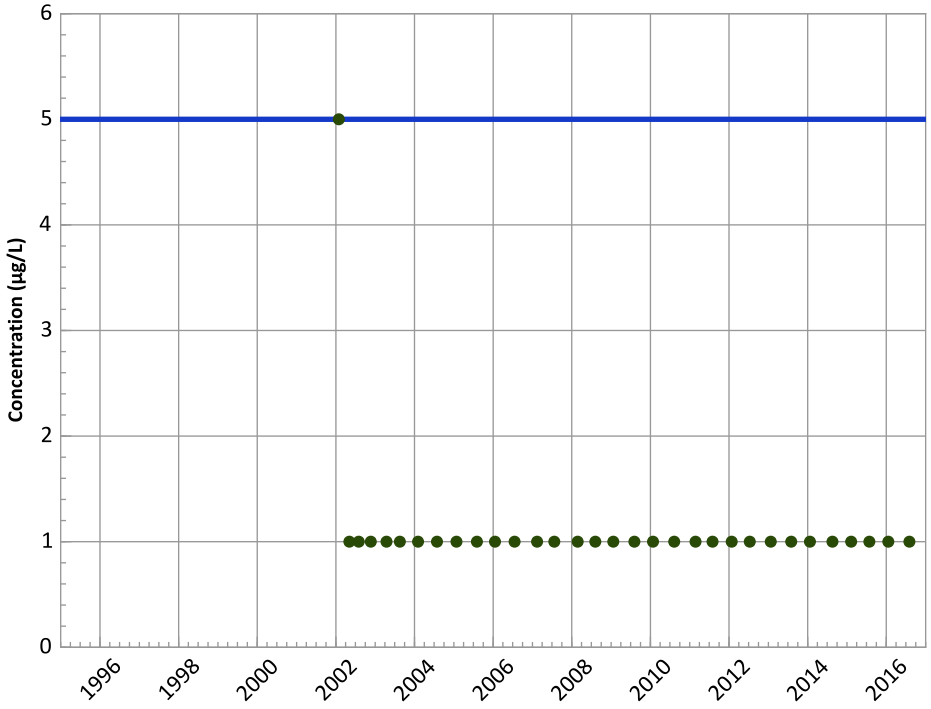


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

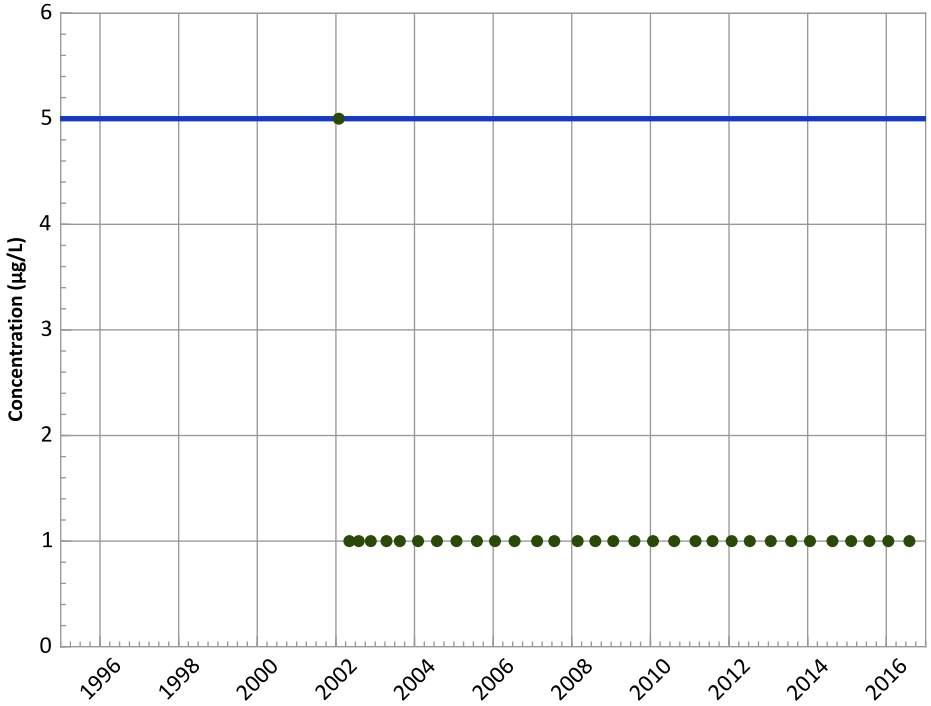


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

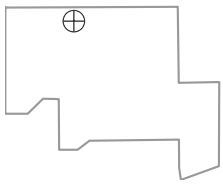
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

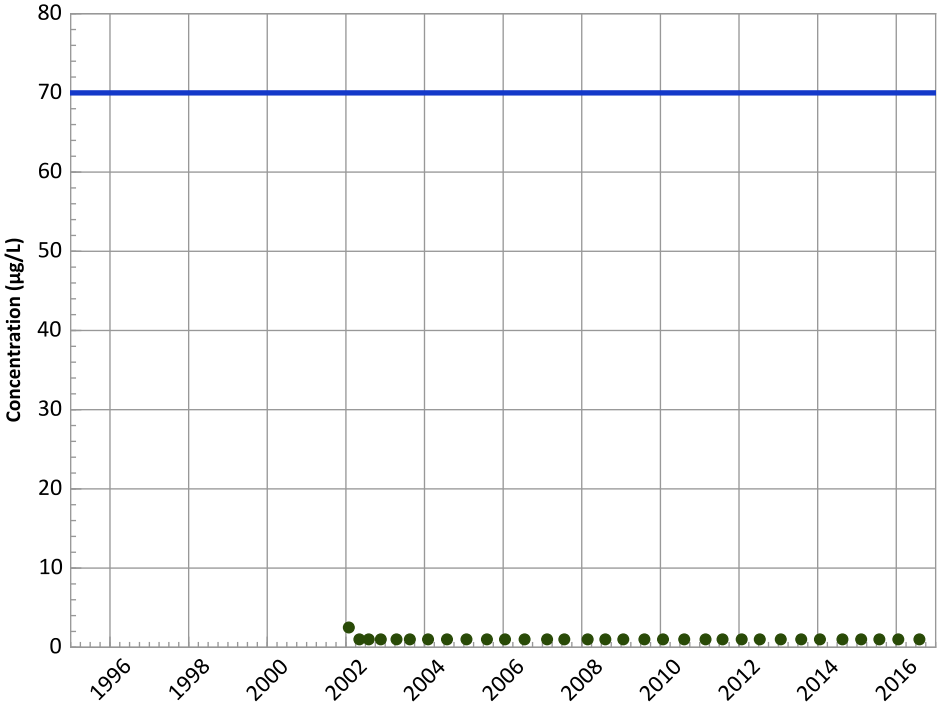
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

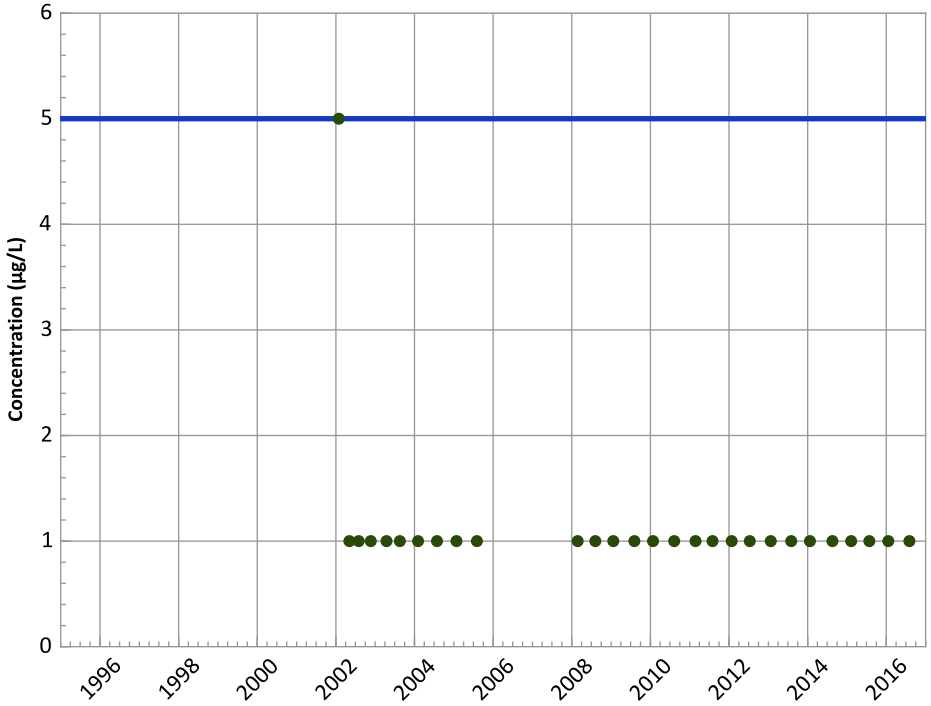


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

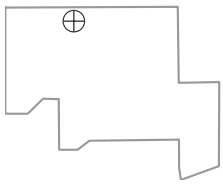
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

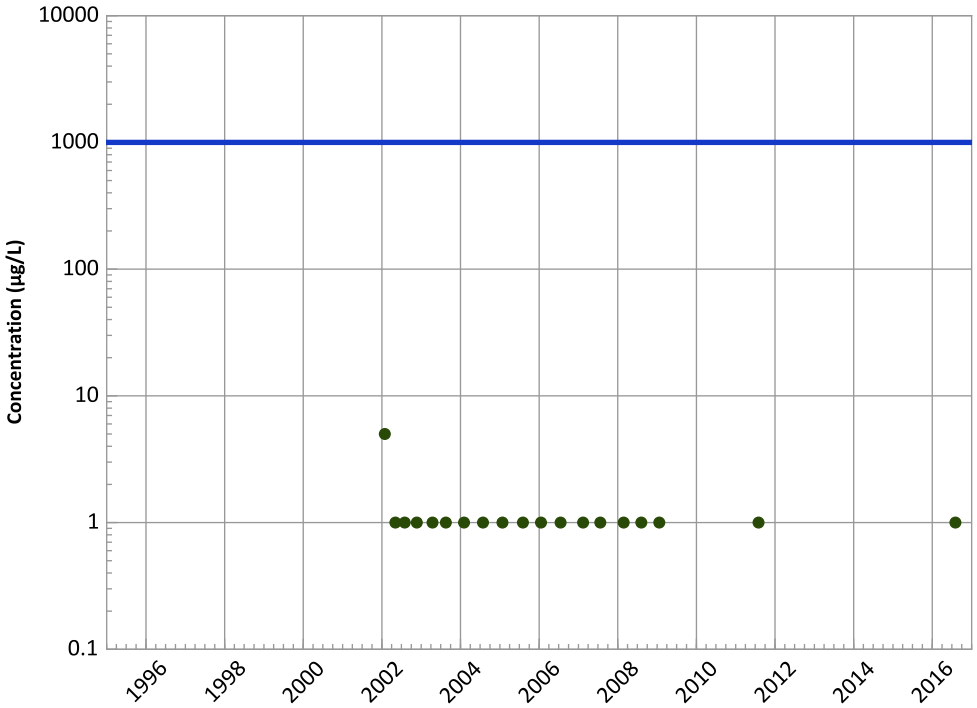
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Toluene Trend

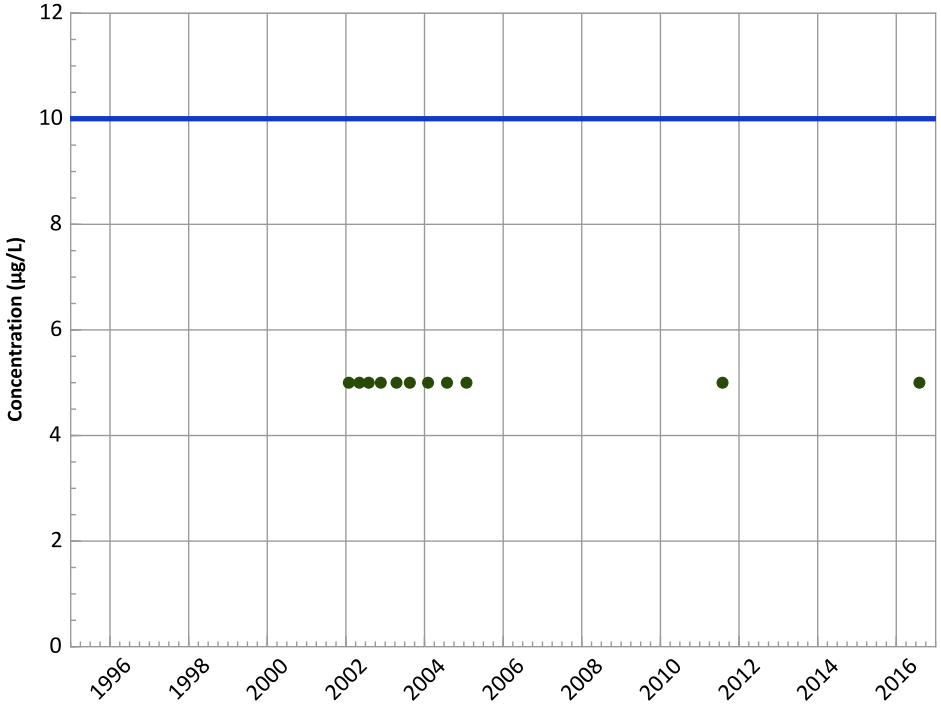


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

trans-1,4-Dichloro-2-Butene Trend



Concentration Trend

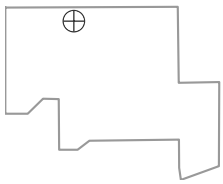
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

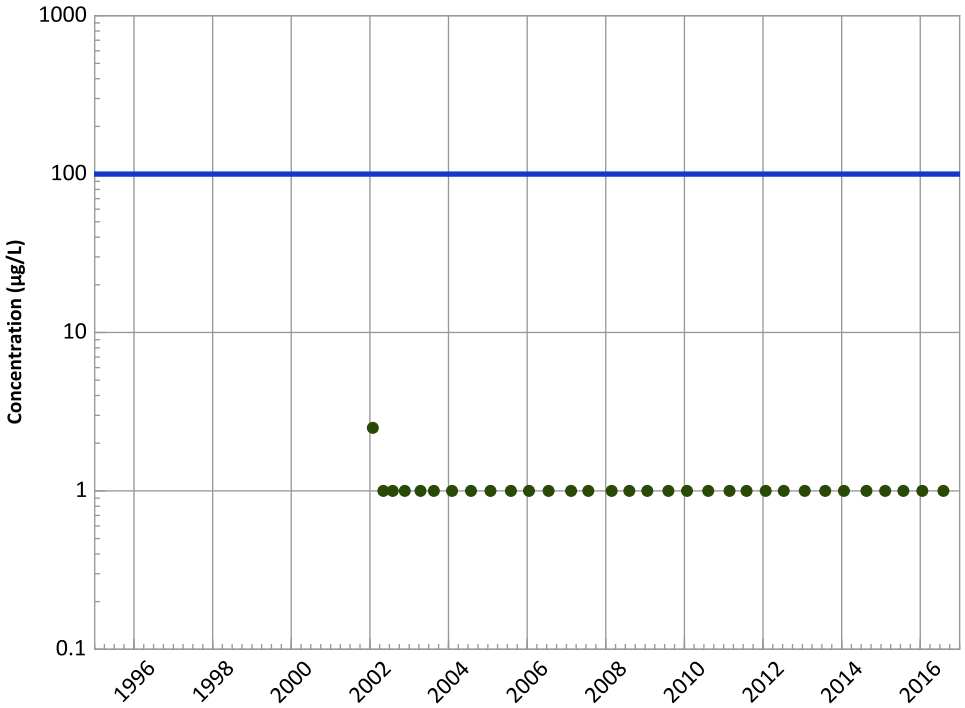
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

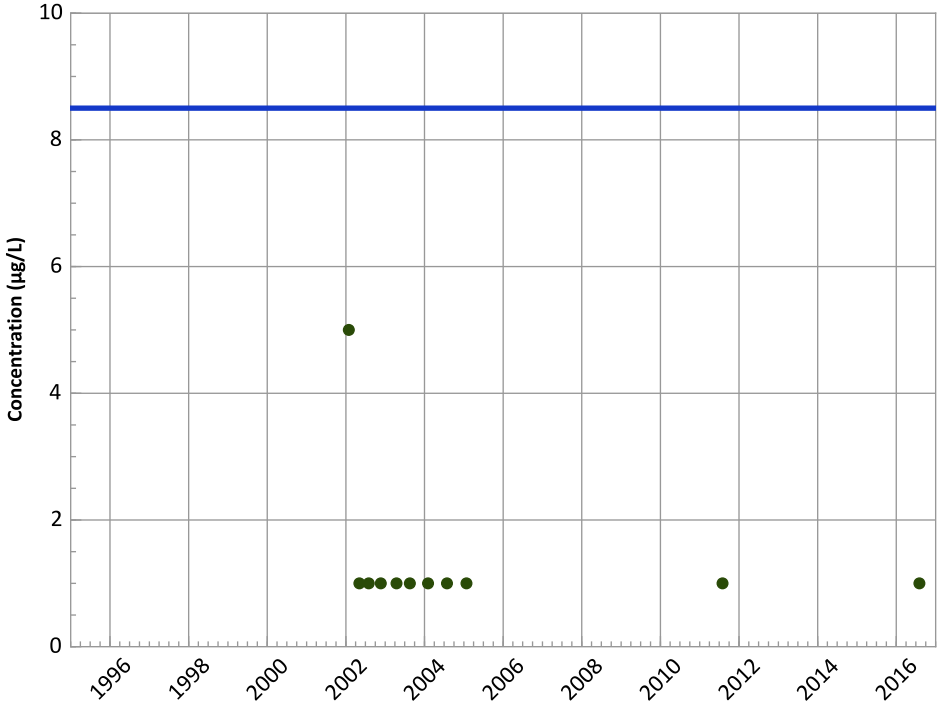


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

trans-1,3-Dichloropropene Trend



Concentration Trend

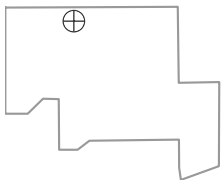
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

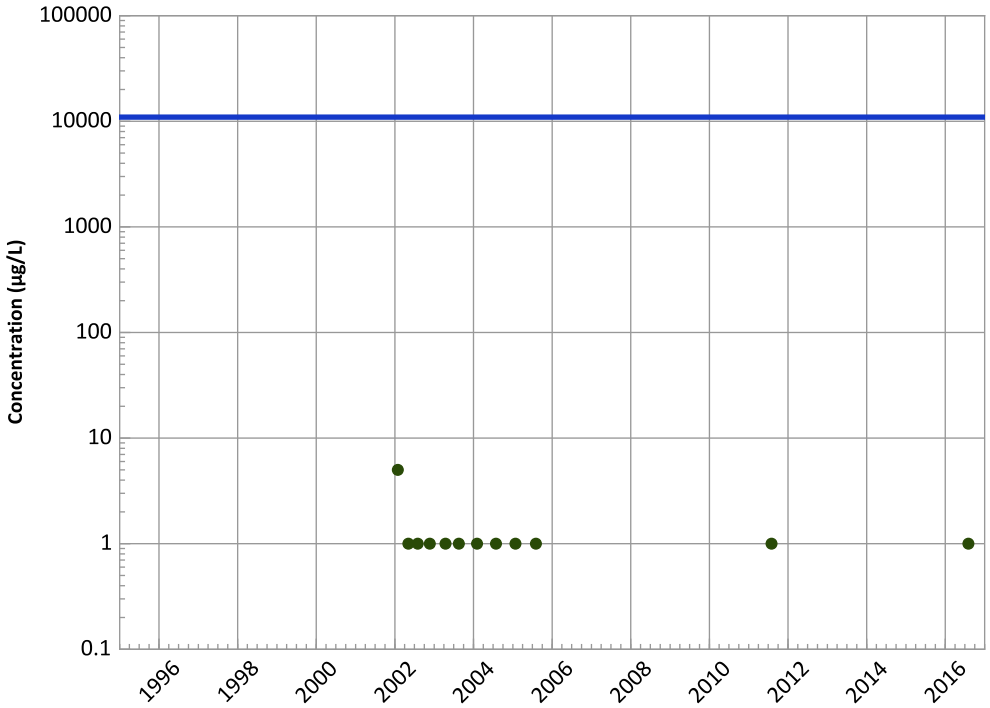
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichlorofluoromethane Trend

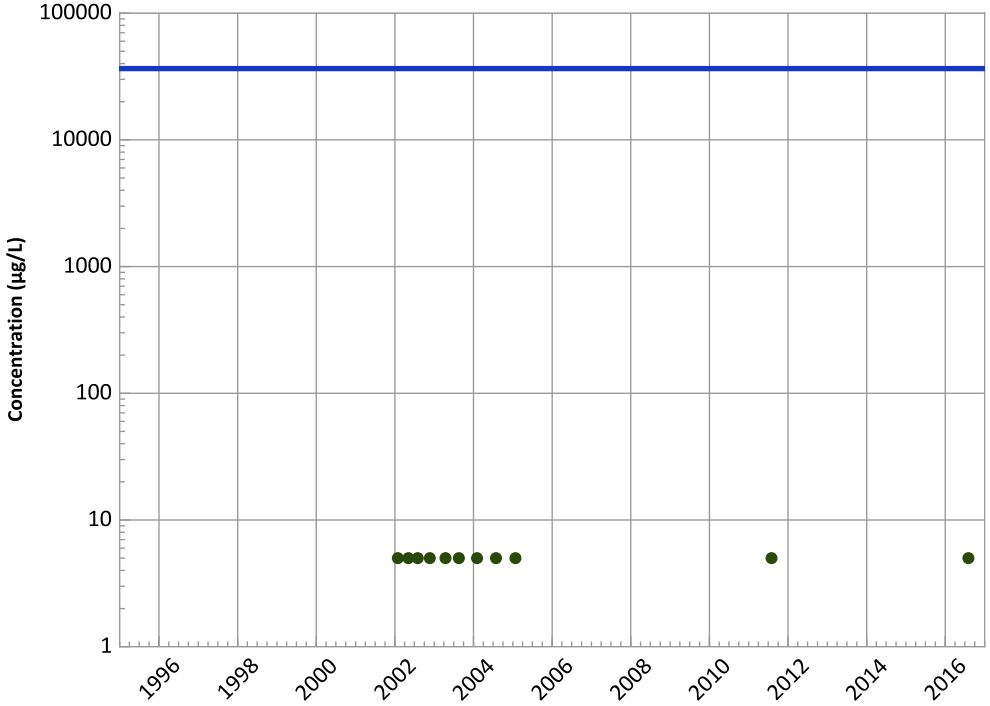


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Vinyl Acetate Trend



Concentration Trend

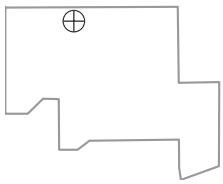
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

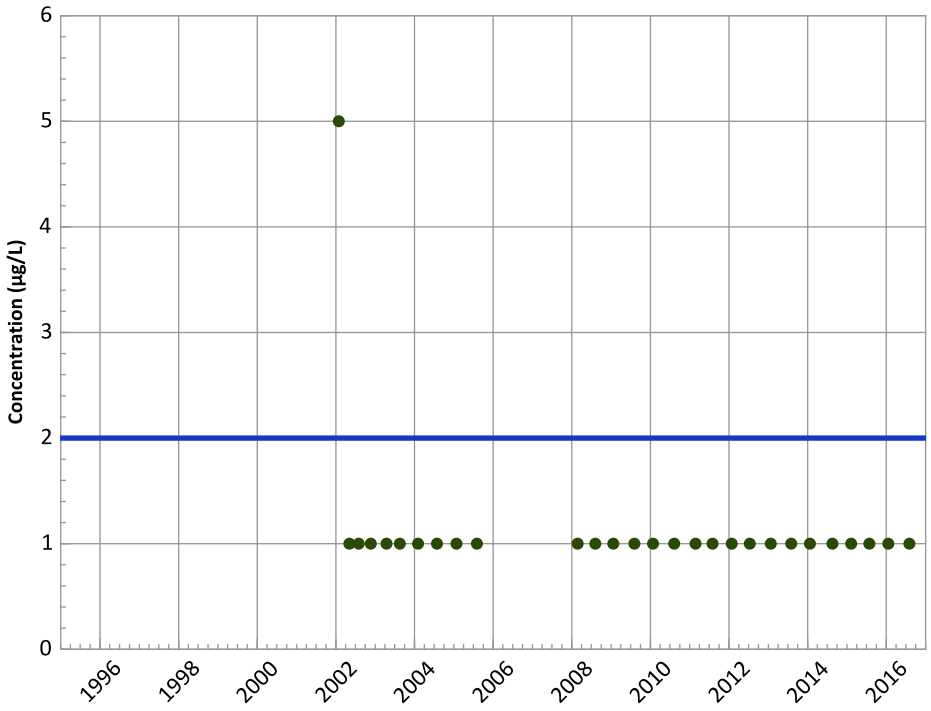
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

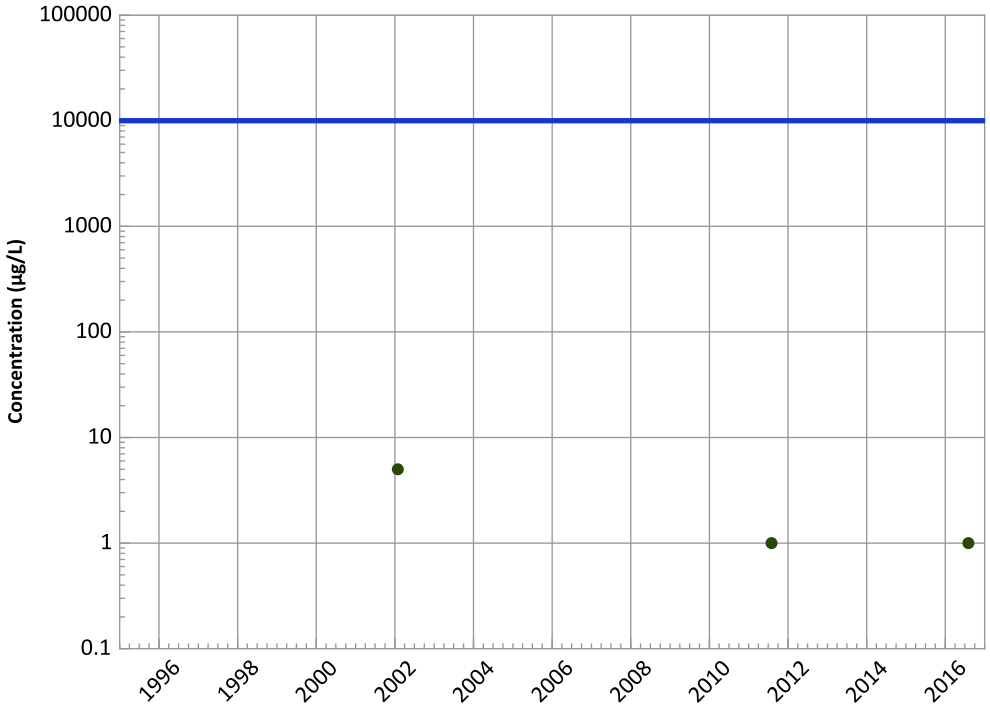


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Xylenes, Total Trend



Concentration Trend

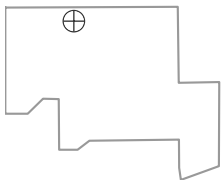
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

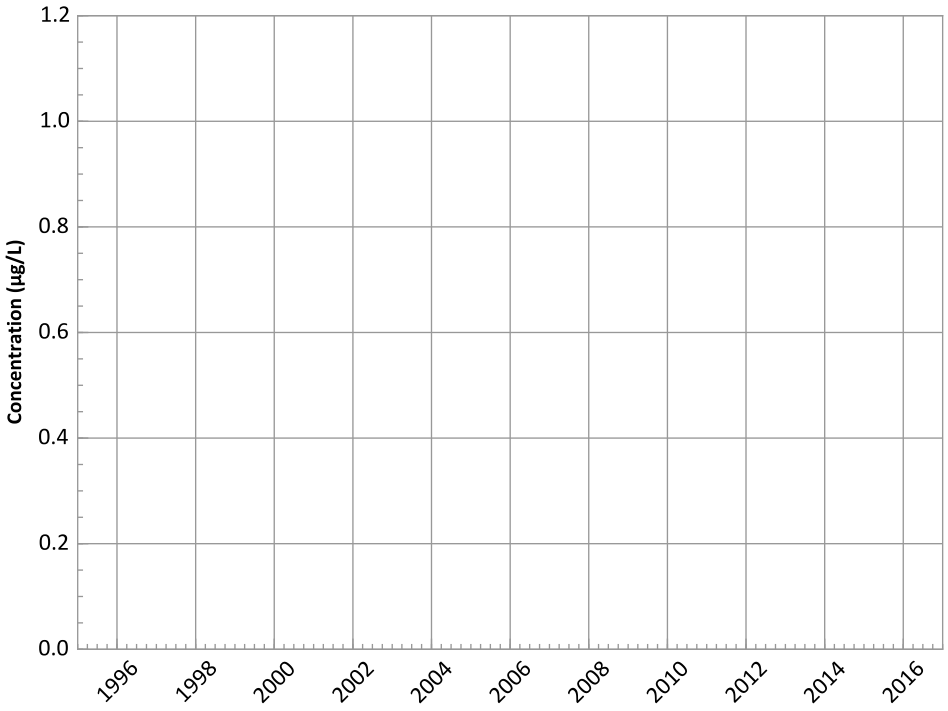
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sulfide Trend

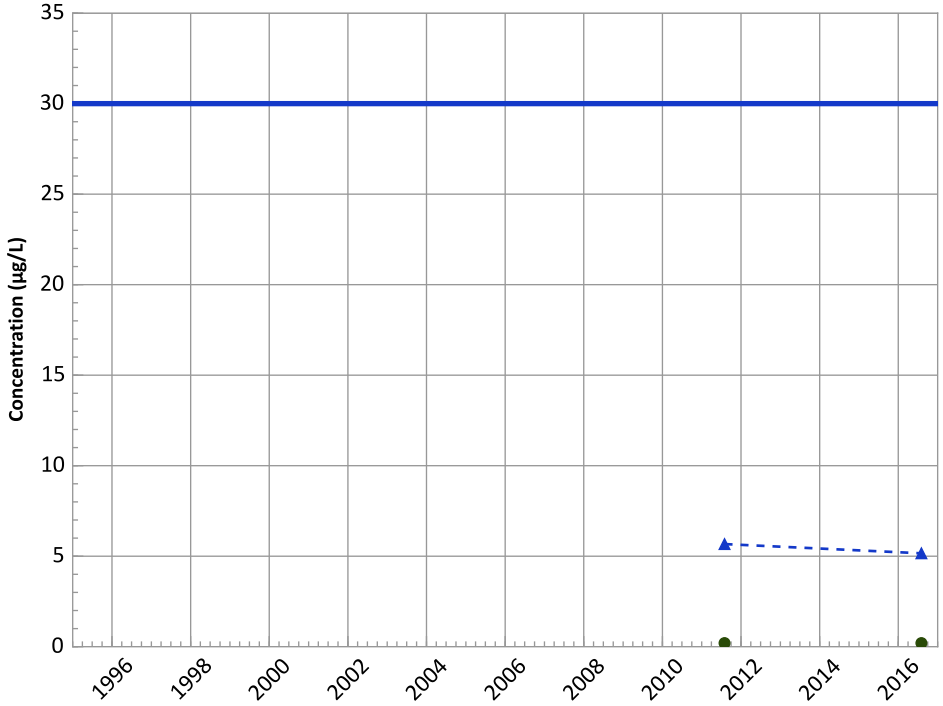


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Uranium, Total Trend



Concentration Trend

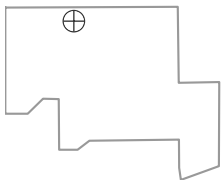
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

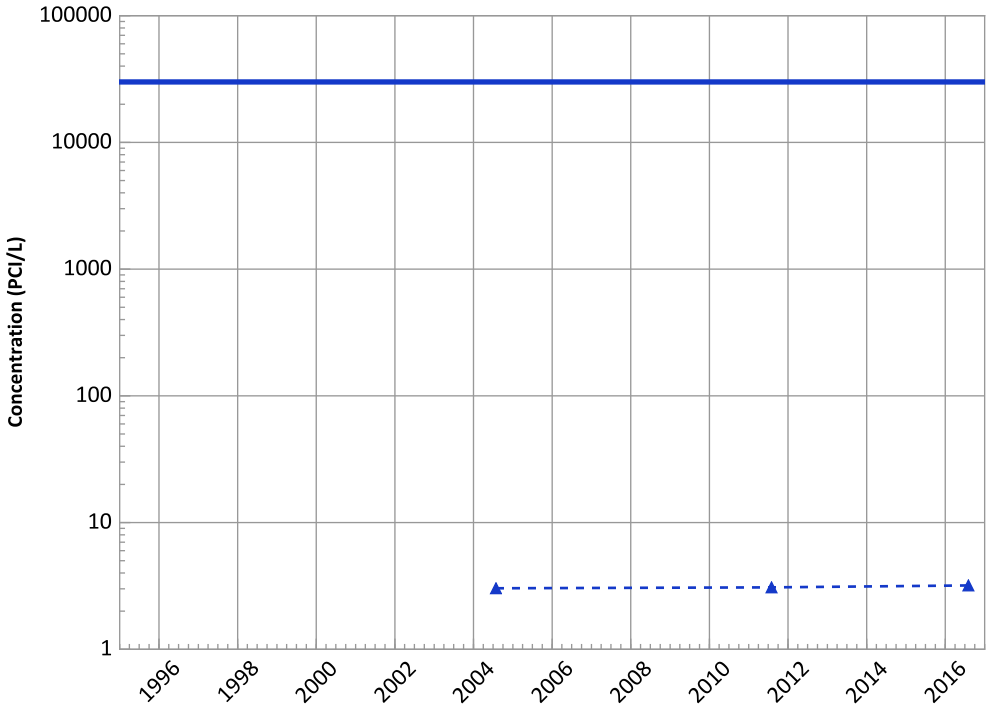
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Uranium-233/234 Trend

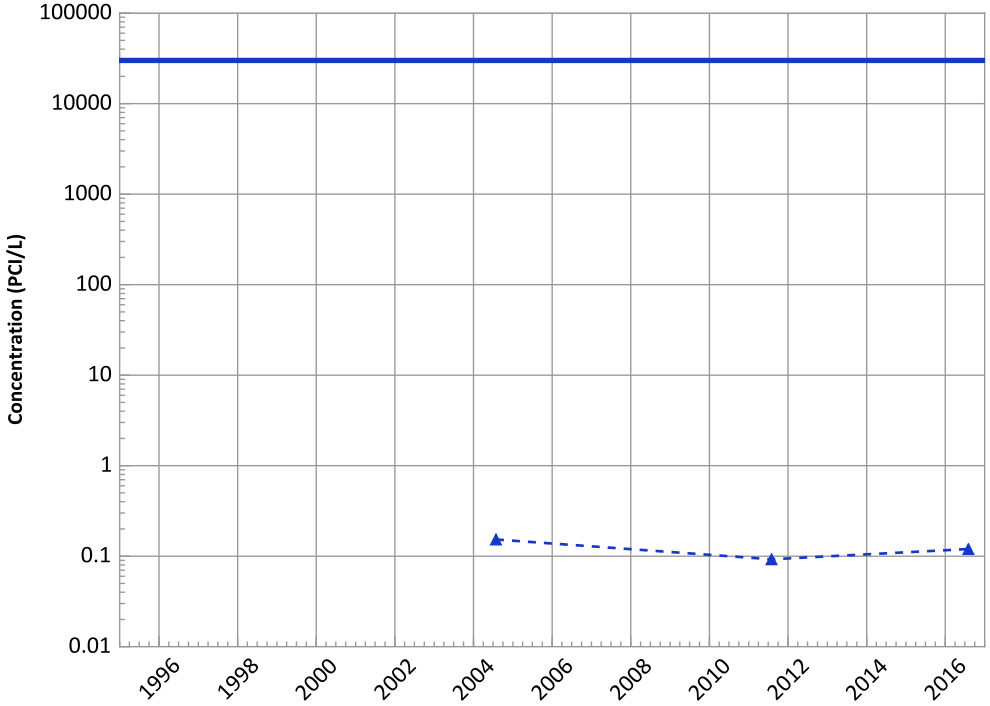


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Uranium-235/236 Trend



Concentration Trend

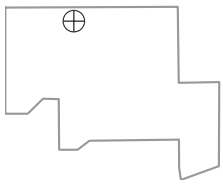
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

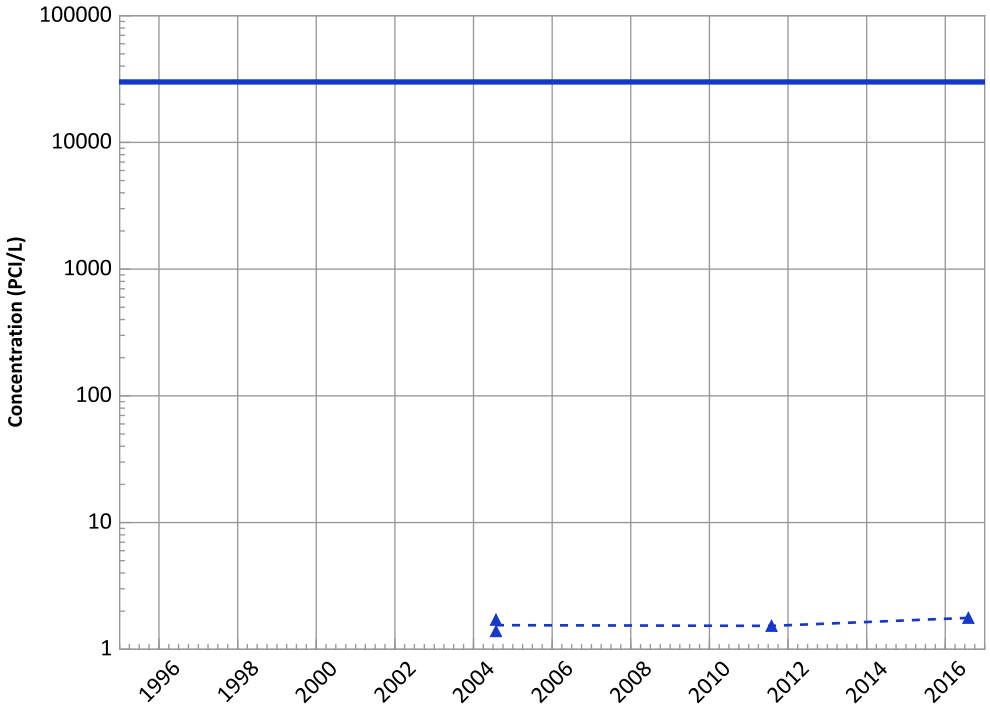
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Uranium-238 Trend

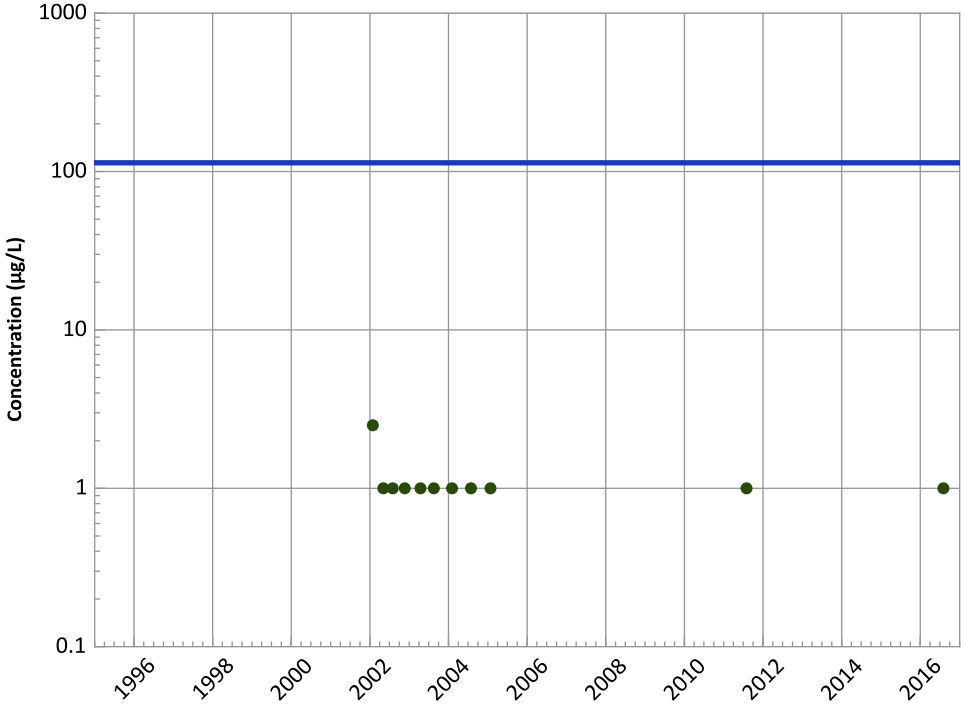


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Dibromomethane Trend



Concentration Trend

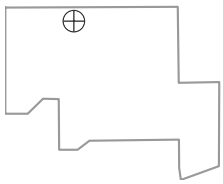
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

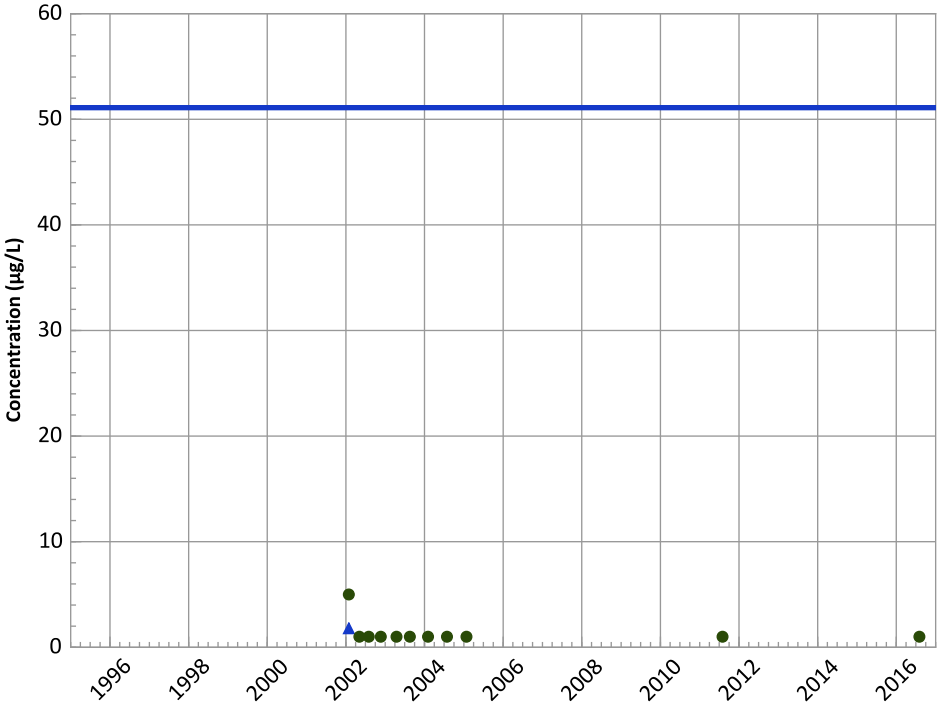
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Bromomethane Trend



Concentration Trend

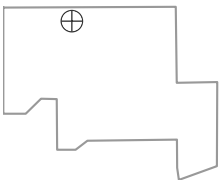
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

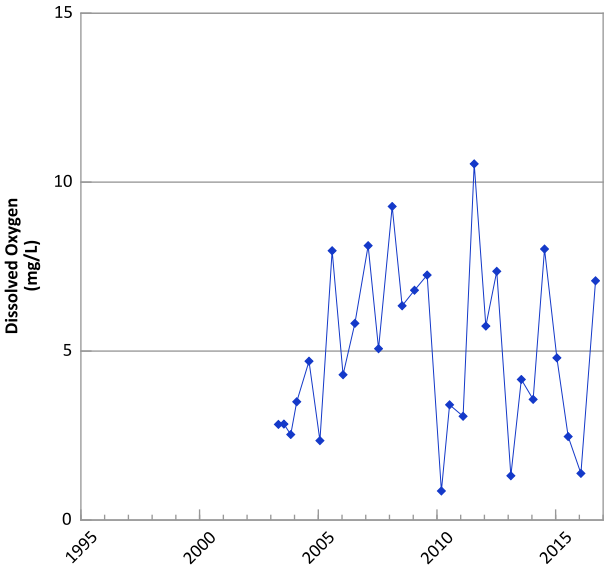
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/28/2002 to 10/31/2016
Analysis Date: 03/07/2017

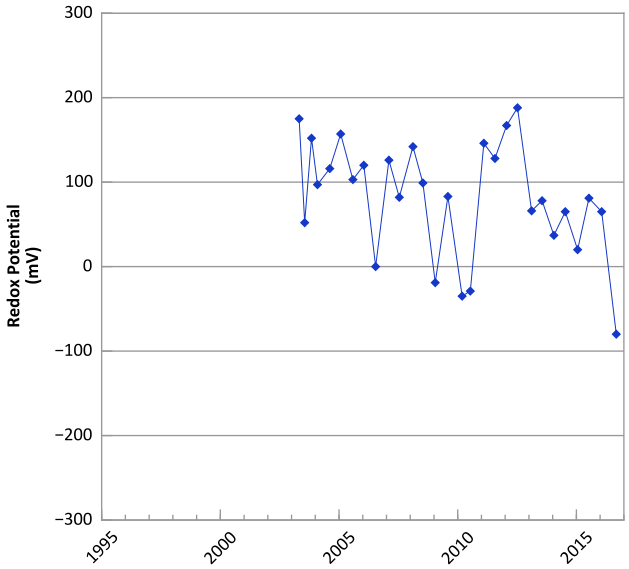
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

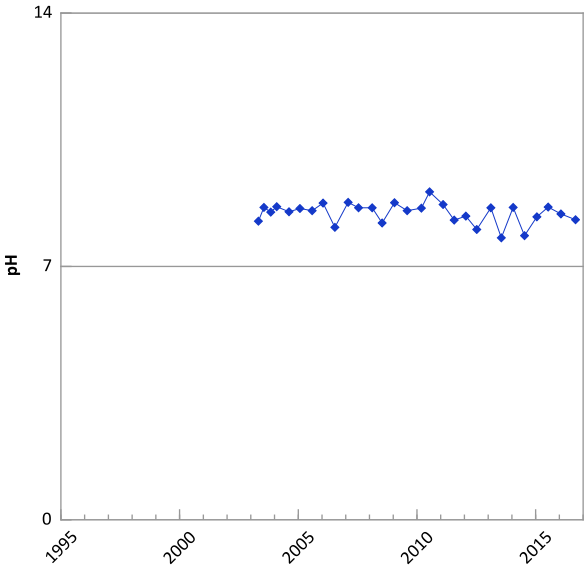
Well Location

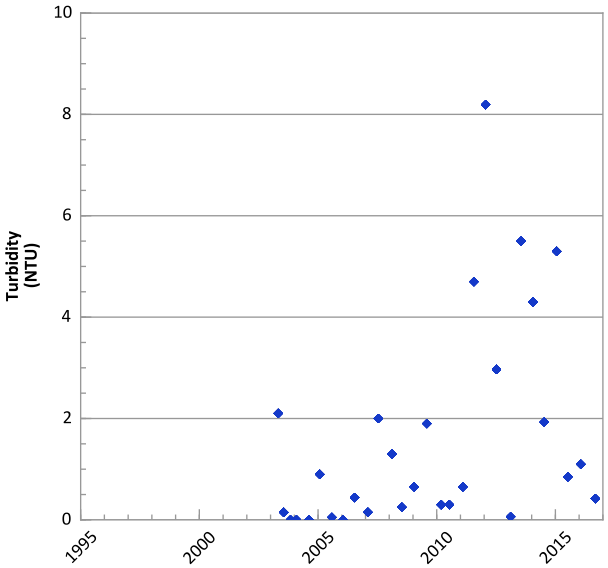


PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



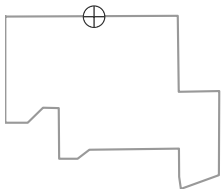






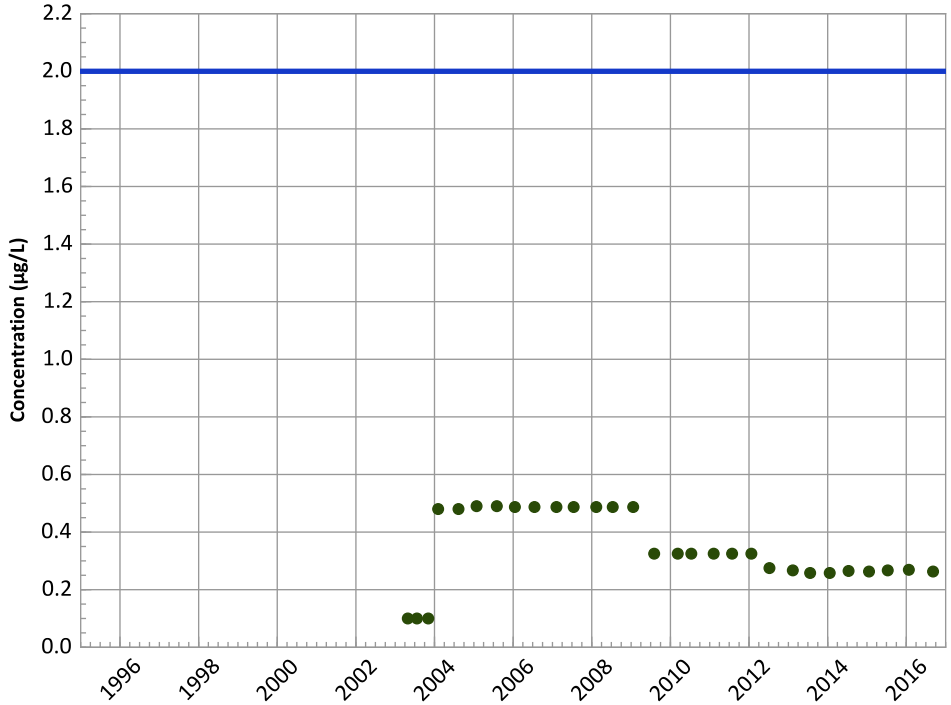
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 09/06/2016
Analysis Date: 03/07/2017

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

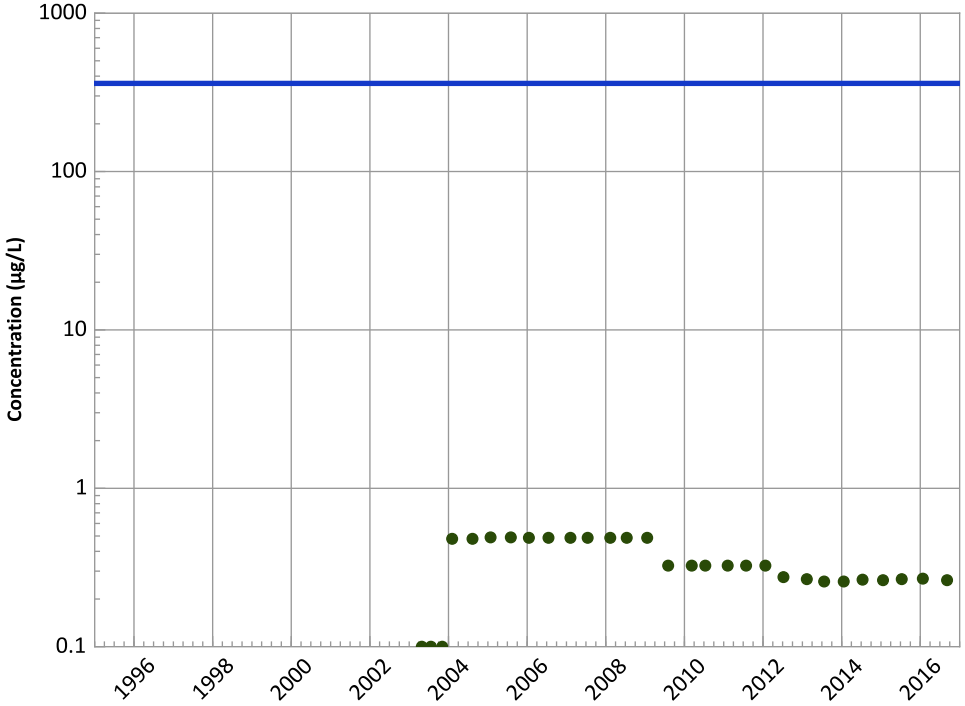


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

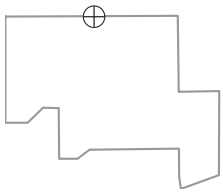
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 09/06/2016
Analysis Date: 03/07/2017

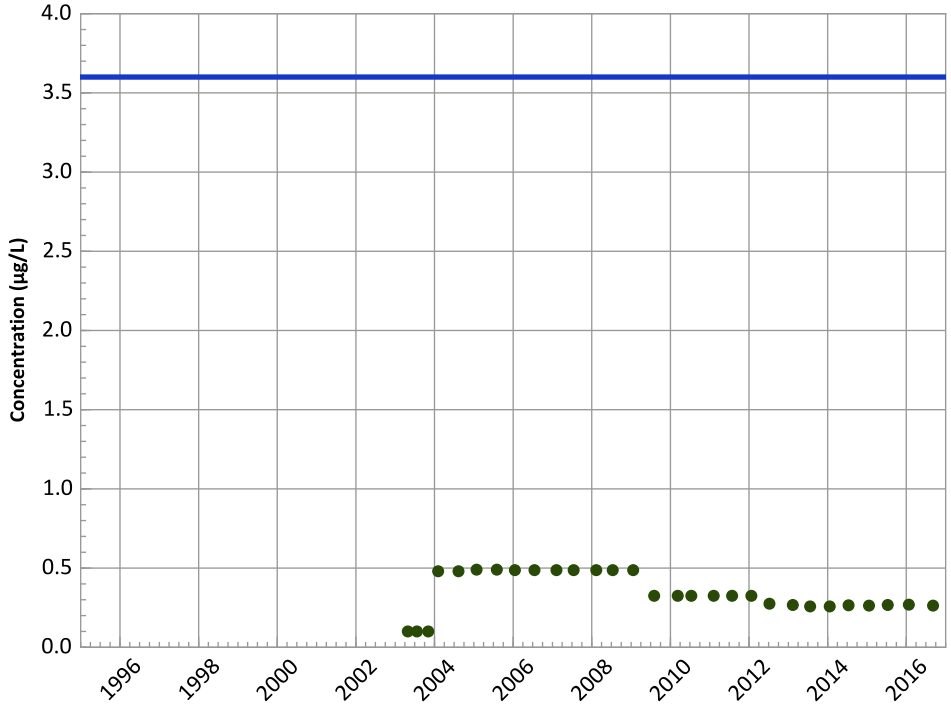
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

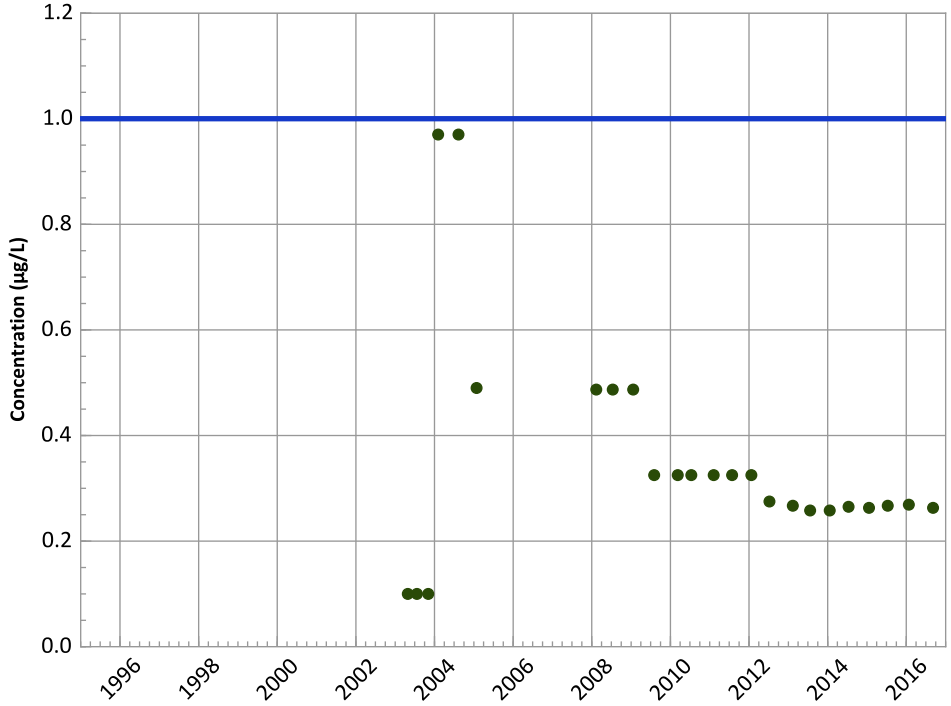


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

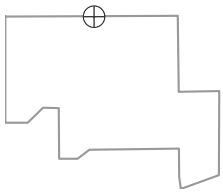
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 09/06/2016
Analysis Date: 03/07/2017

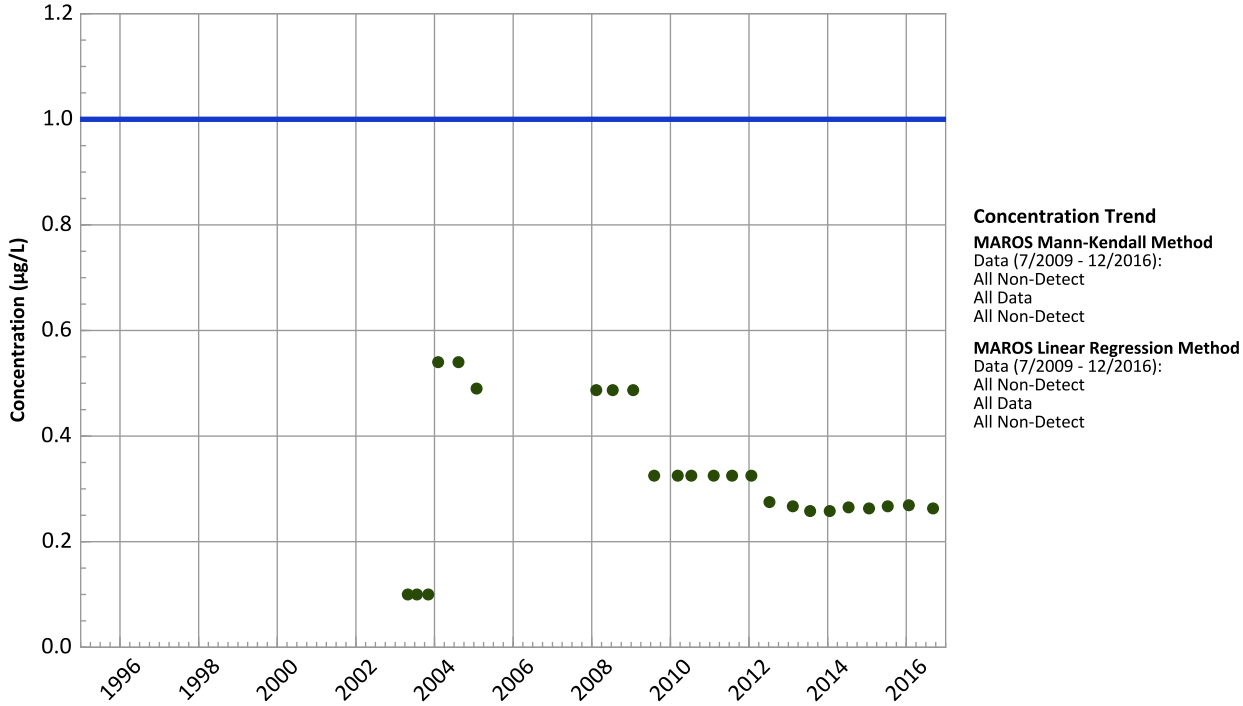
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

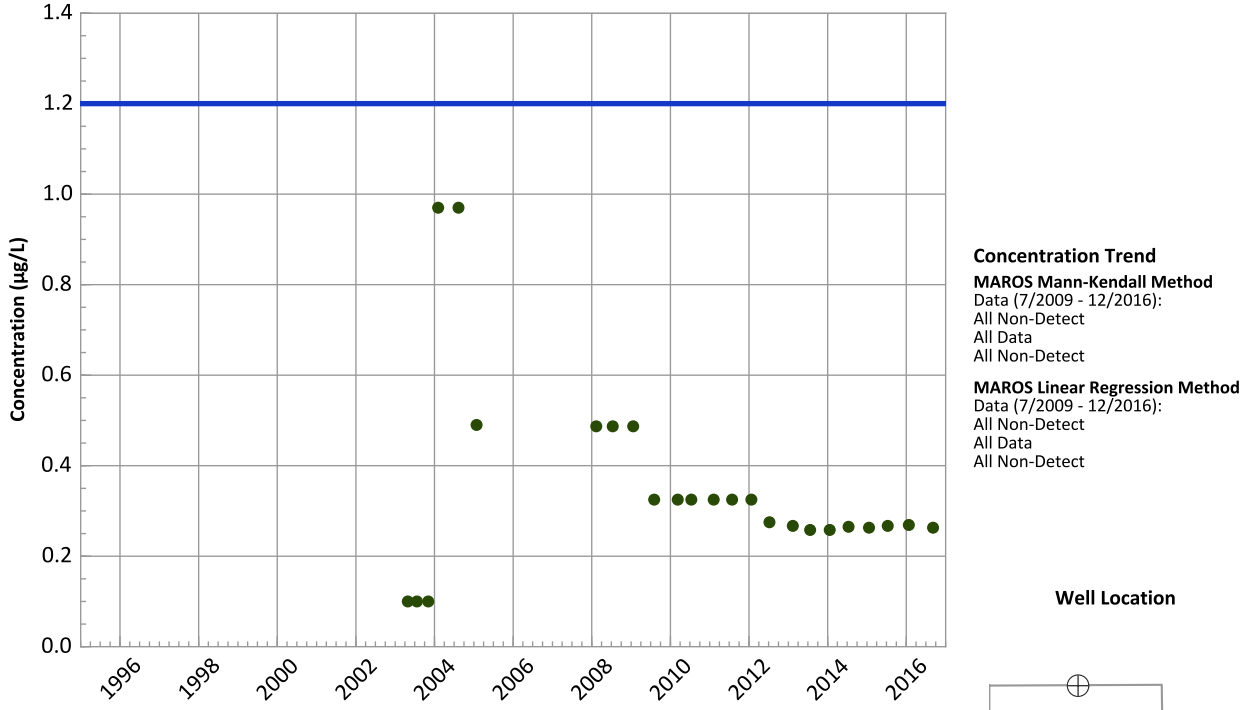


PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



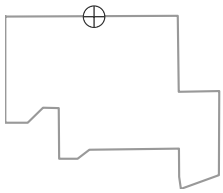
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 09/06/2016
Analysis Date: 03/07/2017

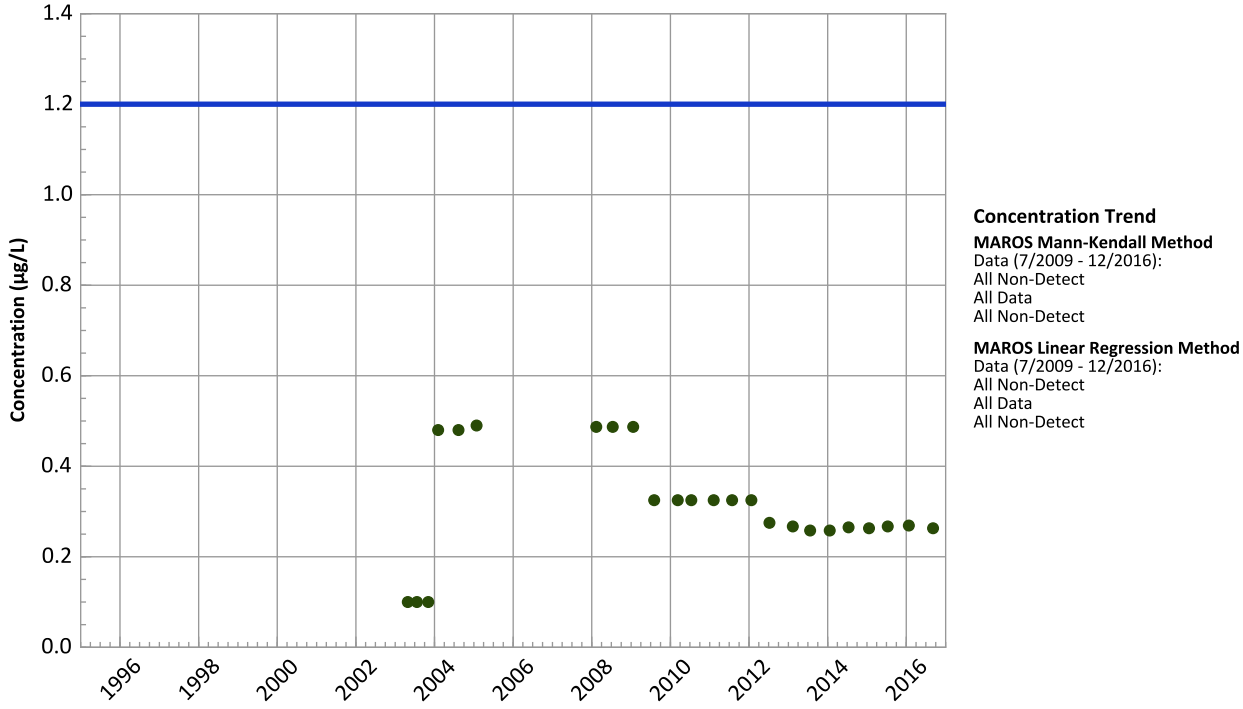
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

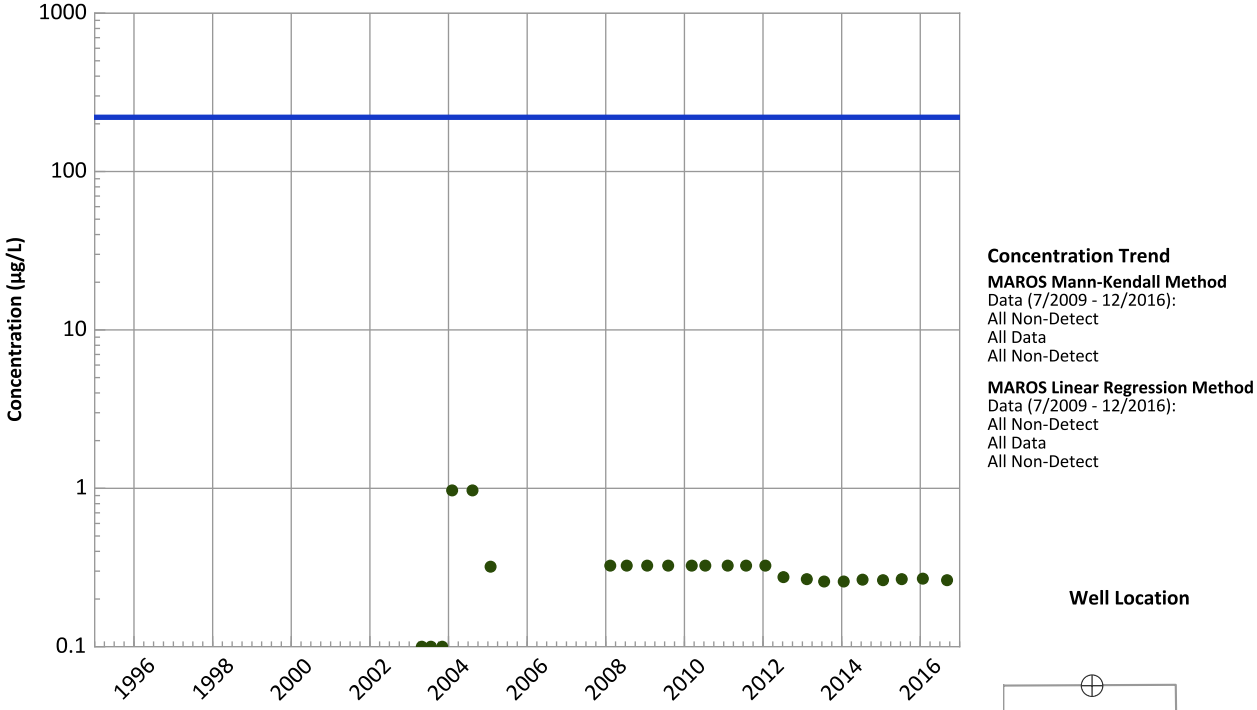


PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



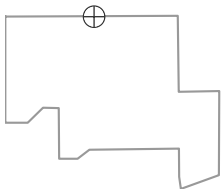
1,3,5-Trinitrobenzene Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 09/06/2016
Analysis Date: 03/07/2017

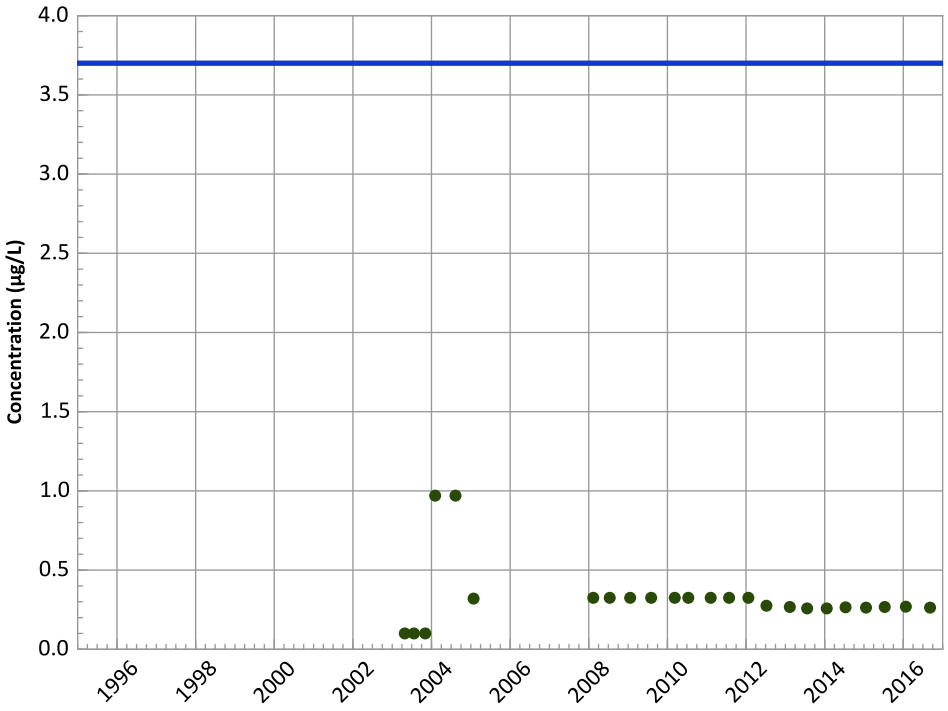
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

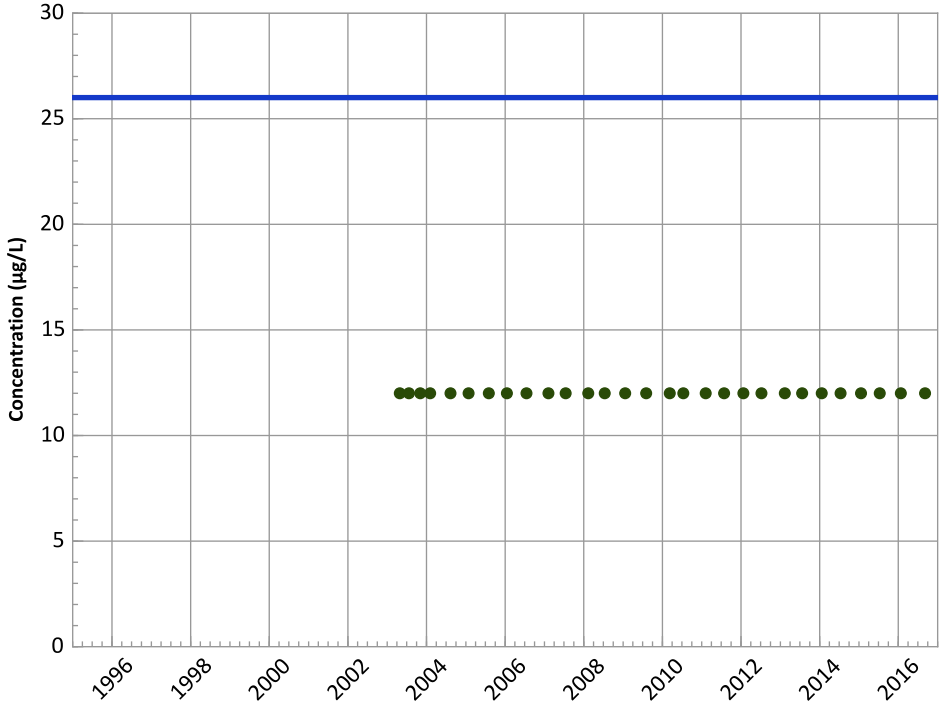


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

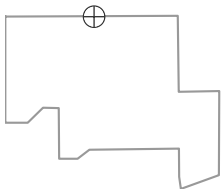
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 09/06/2016
Analysis Date: 03/07/2017

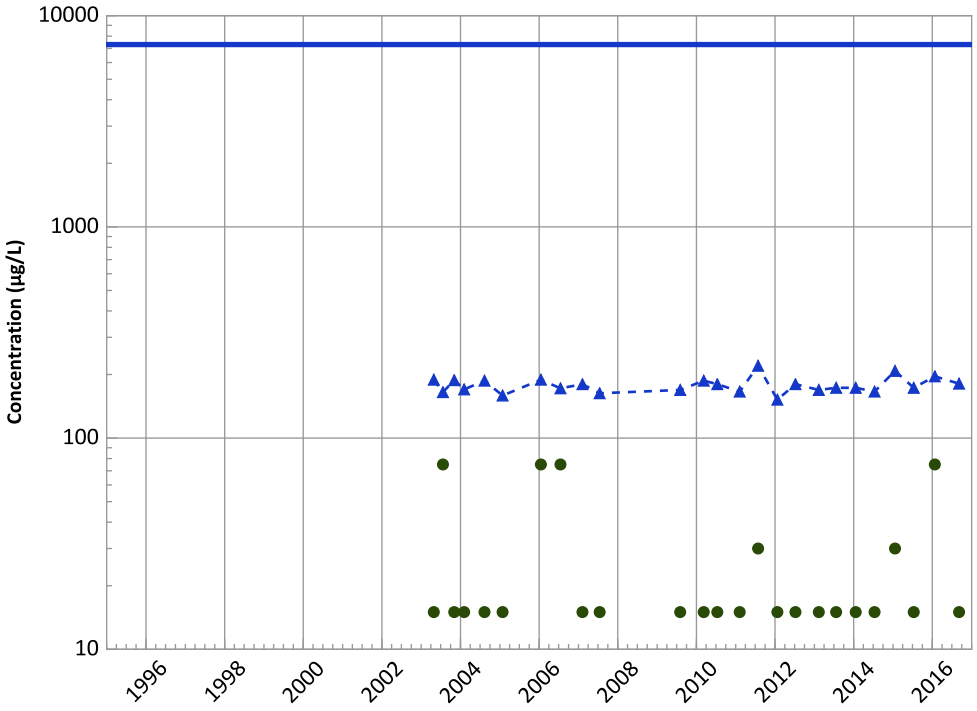
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

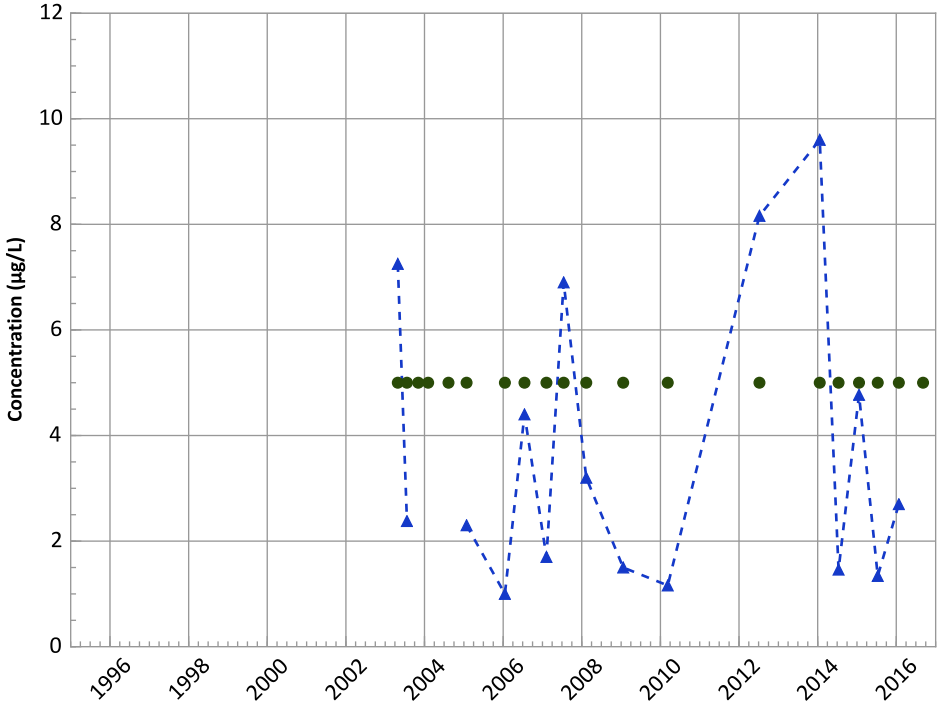


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Manganese Trend



Concentration Trend

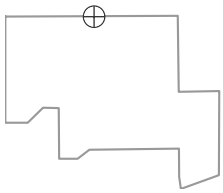
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 09/06/2016
Analysis Date: 03/07/2017

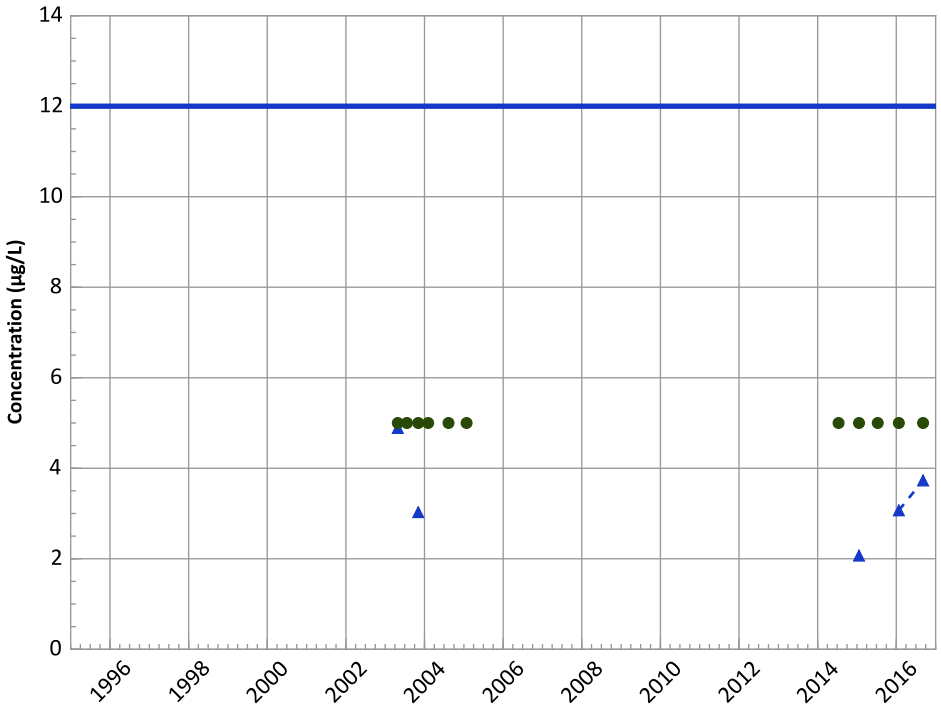
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

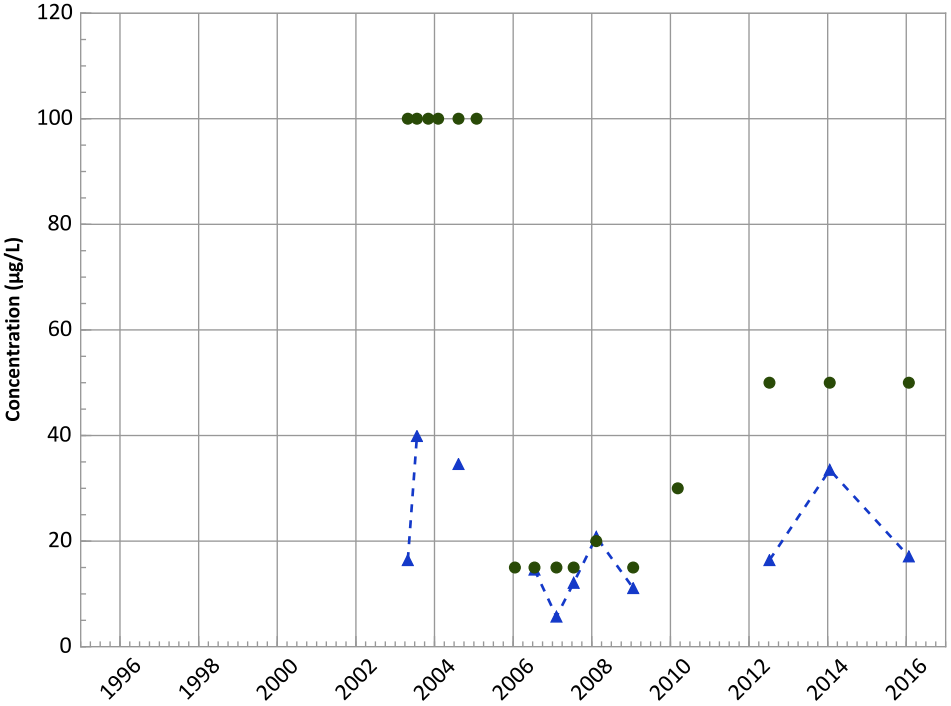


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Aluminum Trend



Concentration Trend

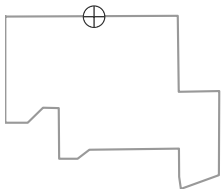
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 09/06/2016
Analysis Date: 03/07/2017

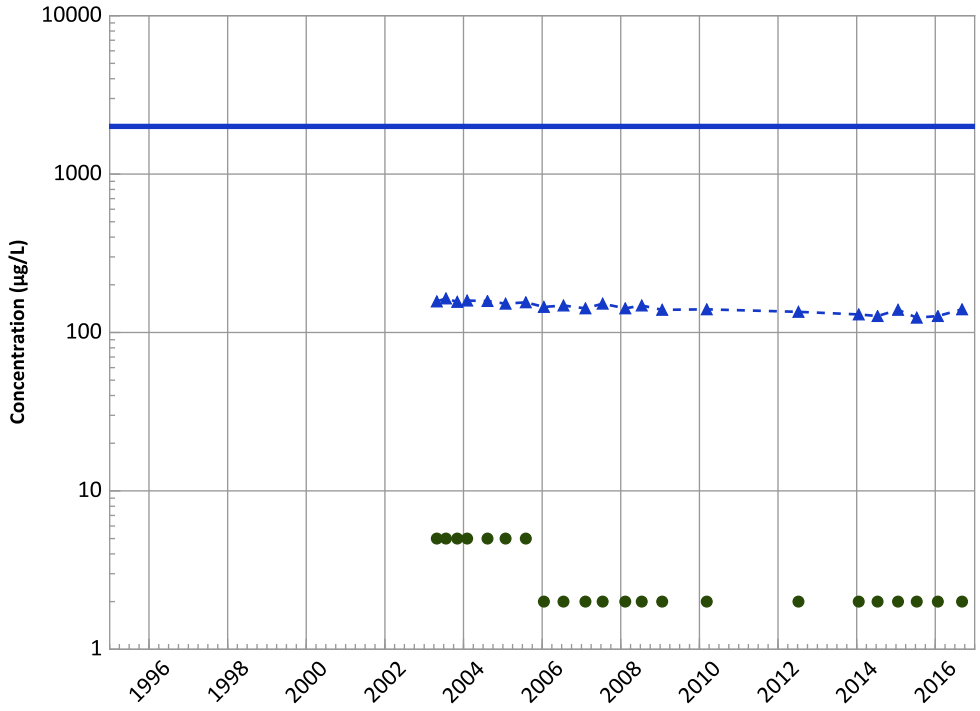
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

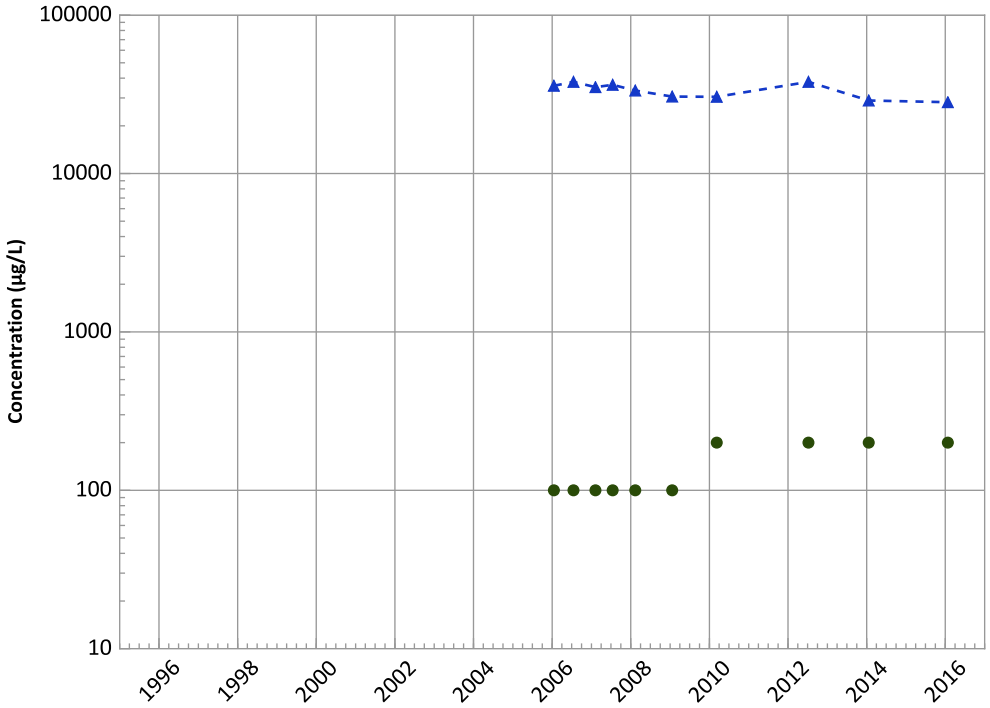


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Calcium Trend



Concentration Trend

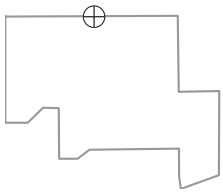
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 09/06/2016
Analysis Date: 03/07/2017

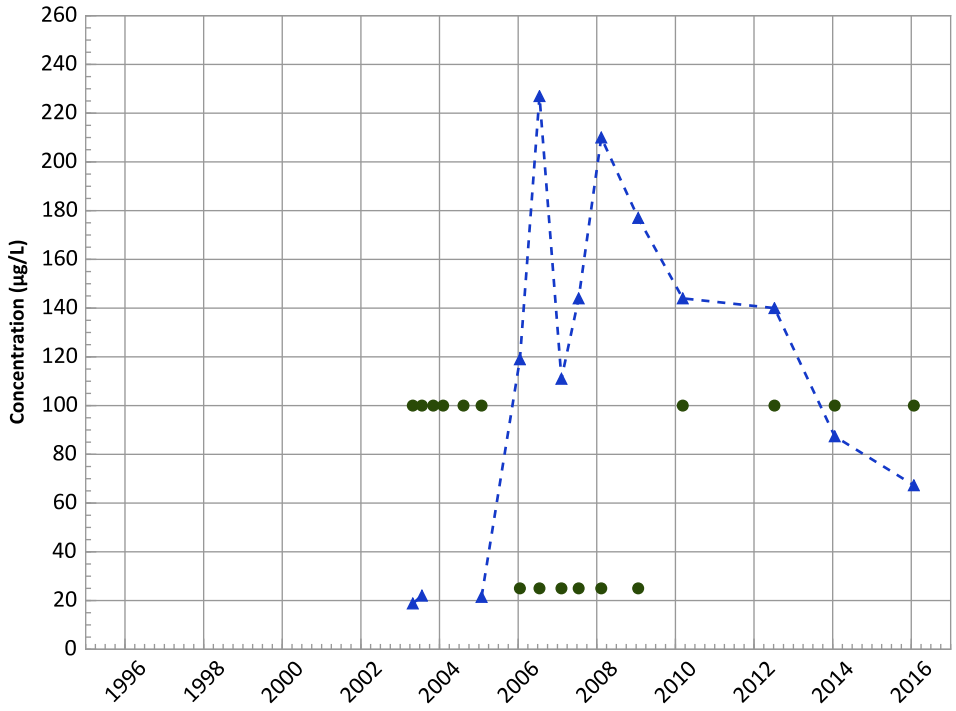
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

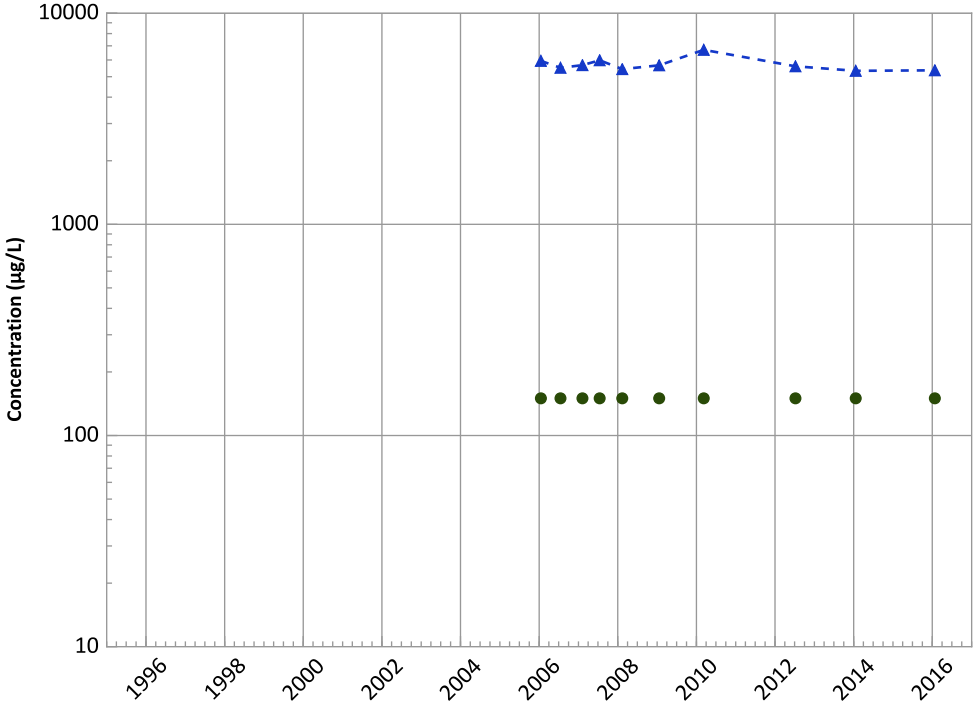


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

Potassium Trend



Concentration Trend

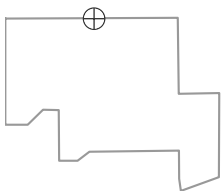
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 09/06/2016
Analysis Date: 03/07/2017

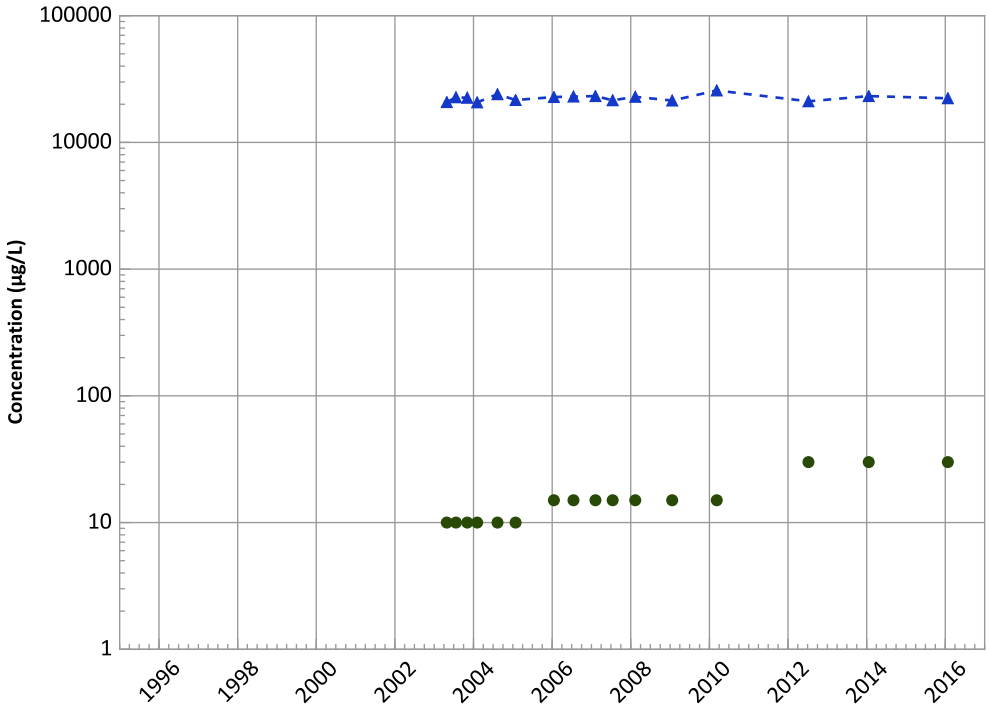
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

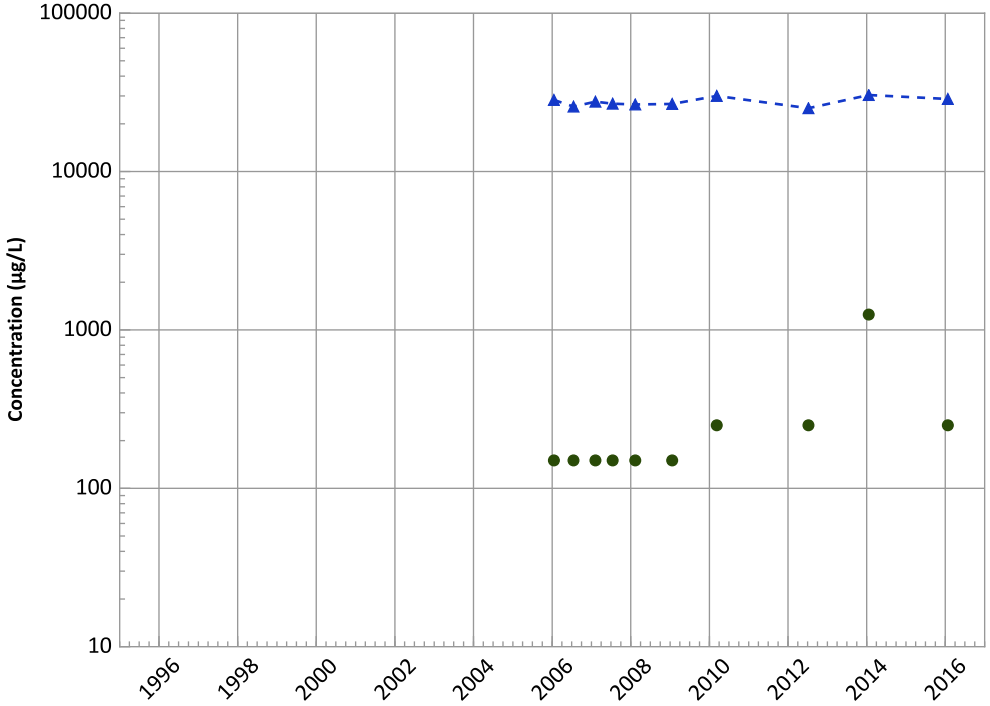


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Sodium Trend



Concentration Trend

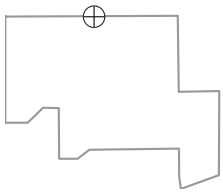
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 09/06/2016
Analysis Date: 03/07/2017

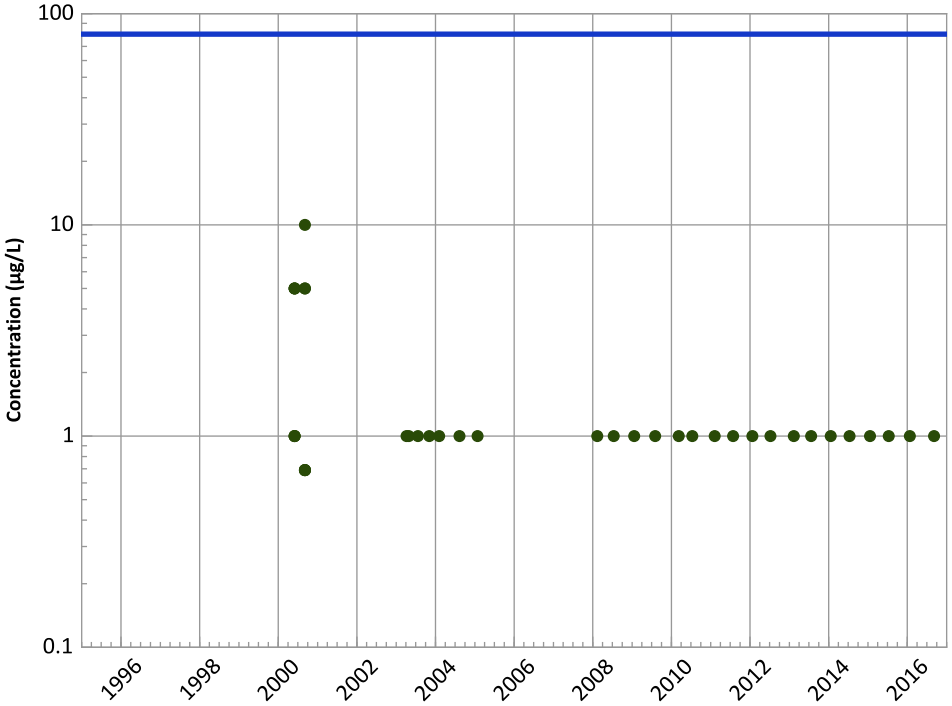
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

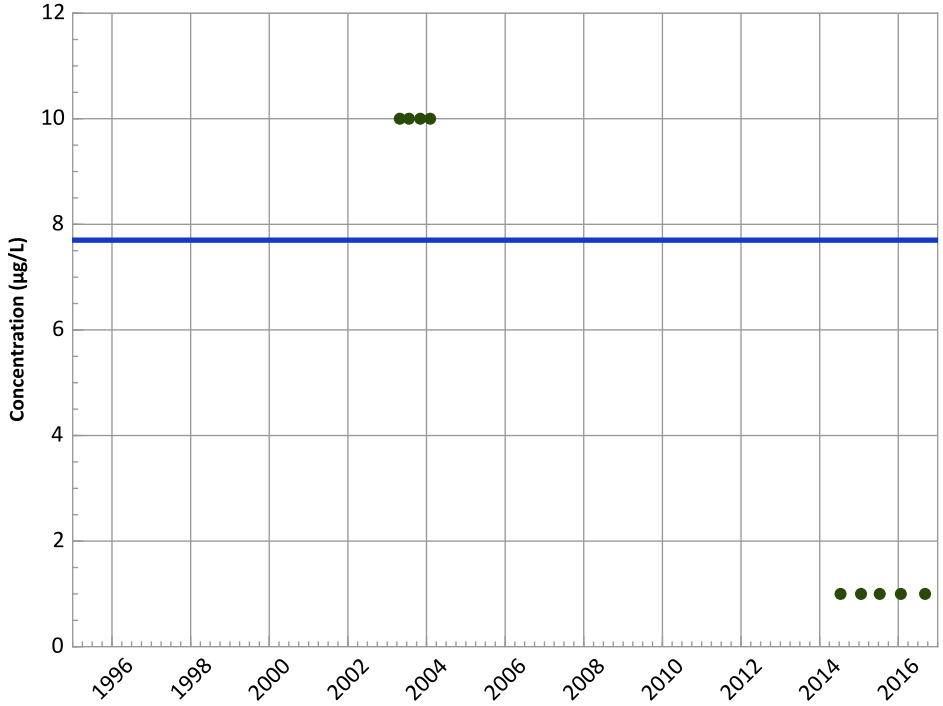


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend

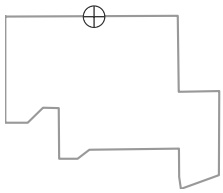


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Well Location

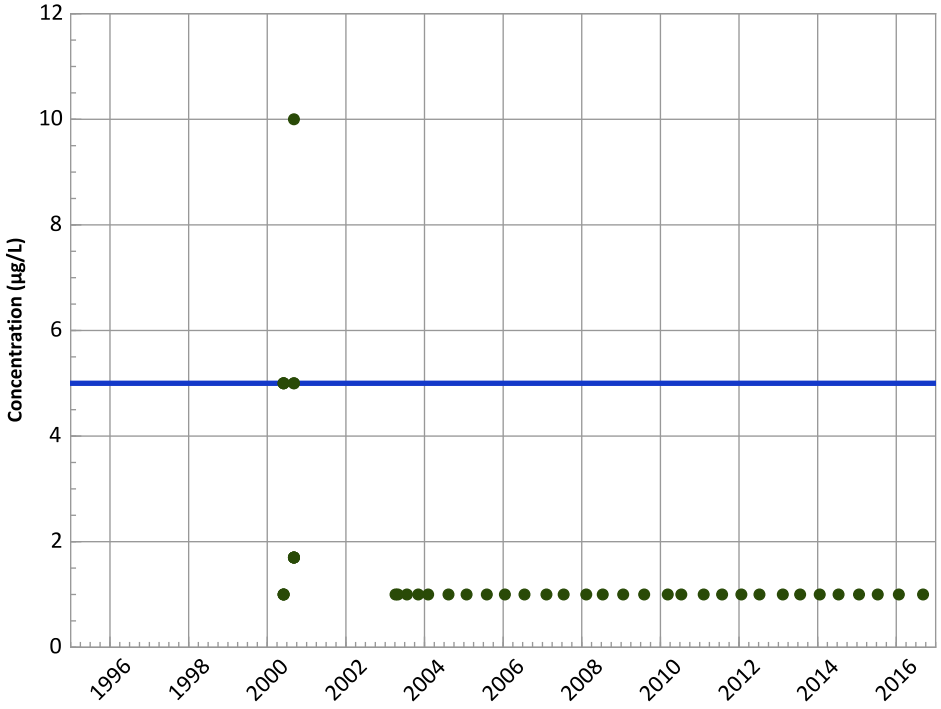


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 09/06/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

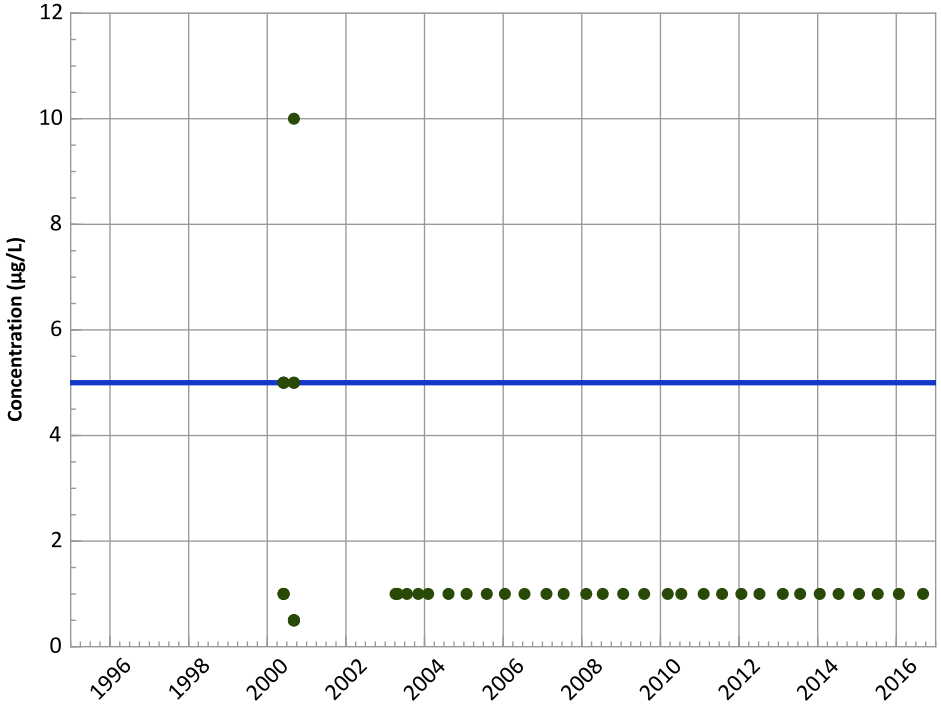


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

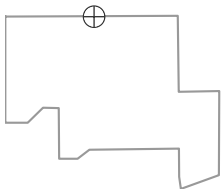
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 09/06/2016
Analysis Date: 03/07/2017

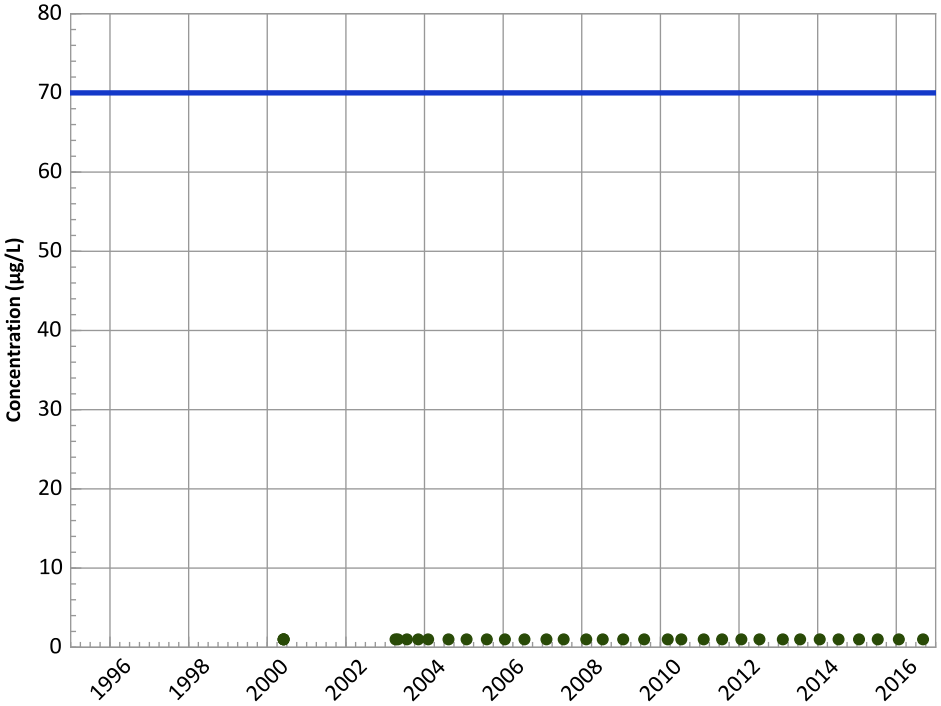
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

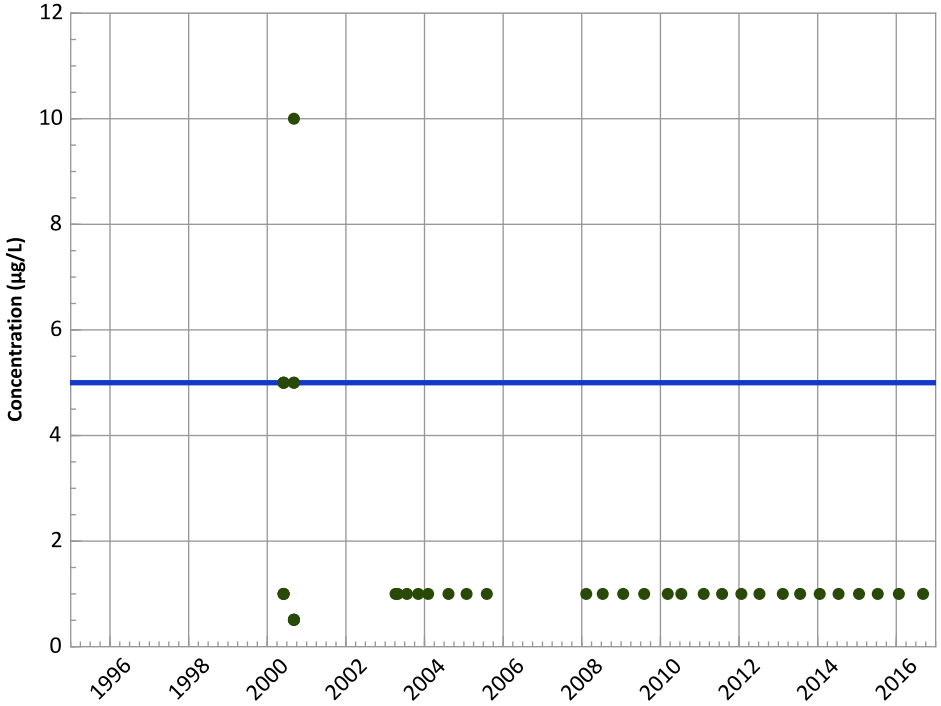


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

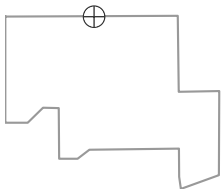
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 09/06/2016
Analysis Date: 03/07/2017

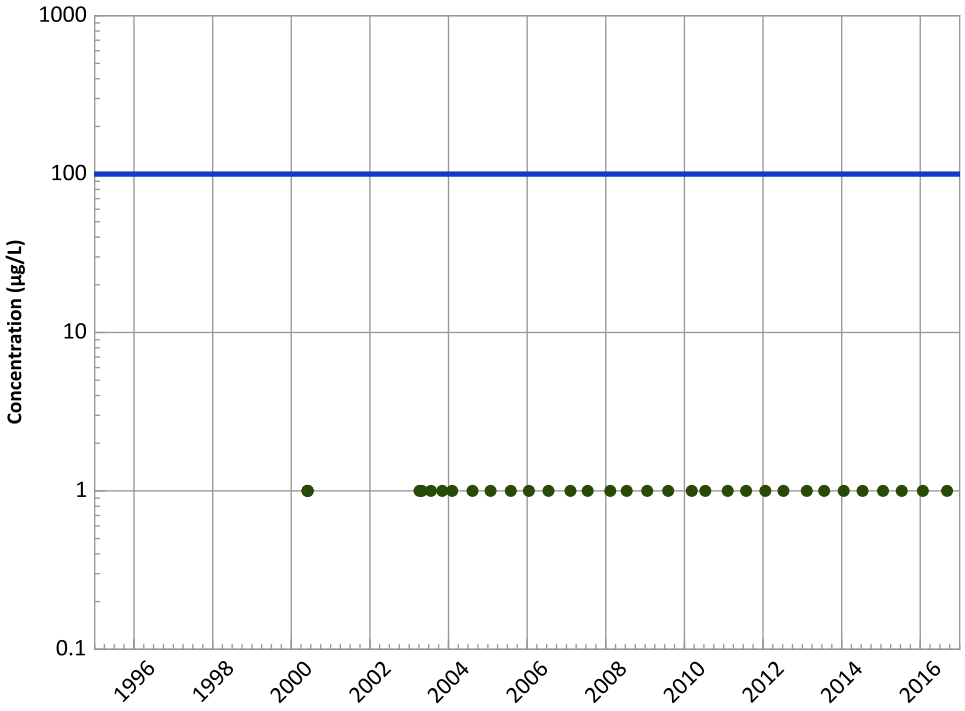
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

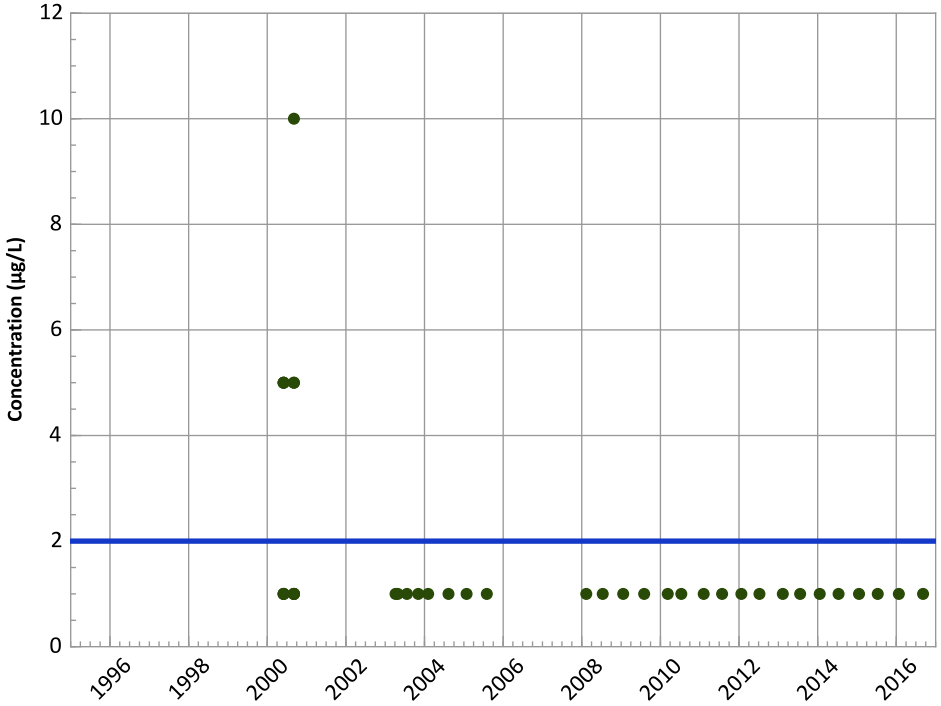


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

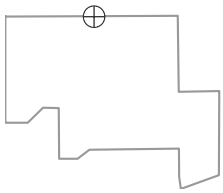
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

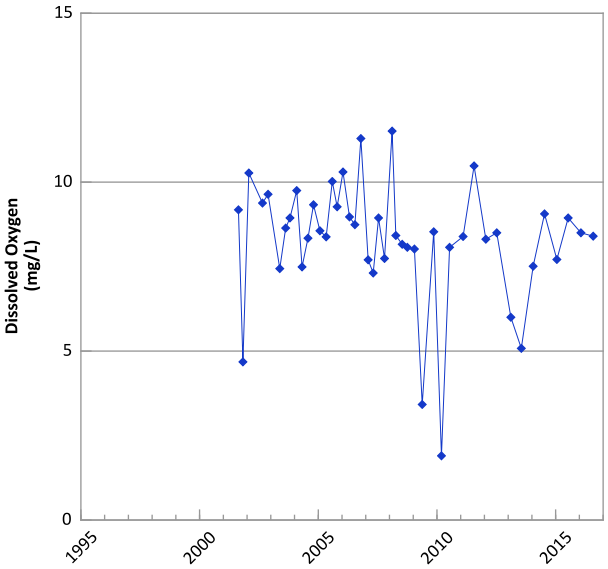
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 09/06/2016
Analysis Date: 03/07/2017

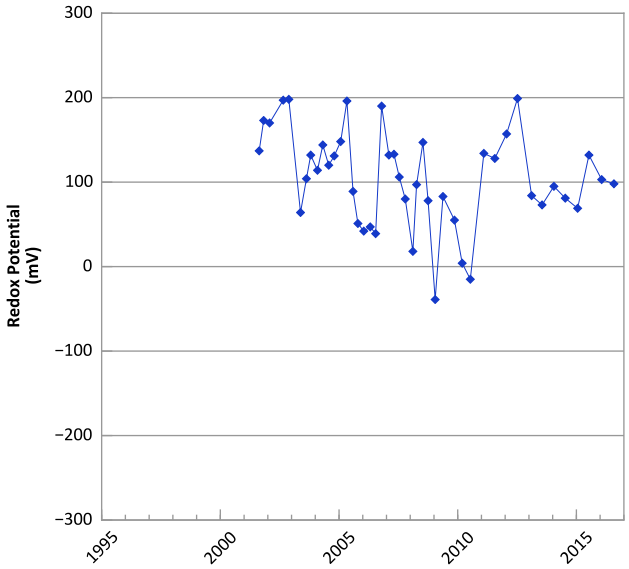
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

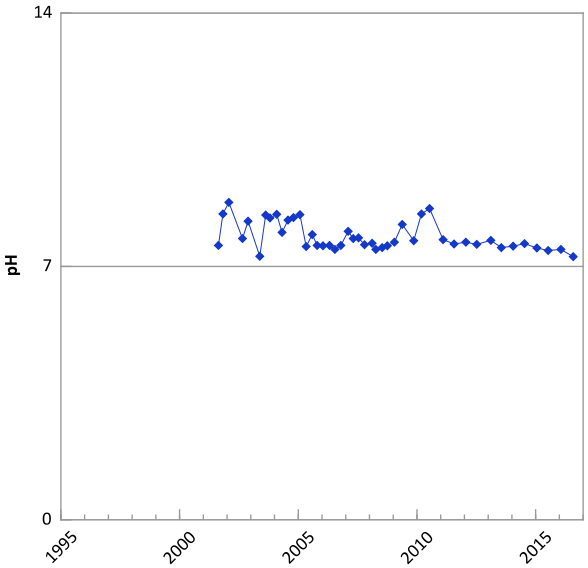
Well Location

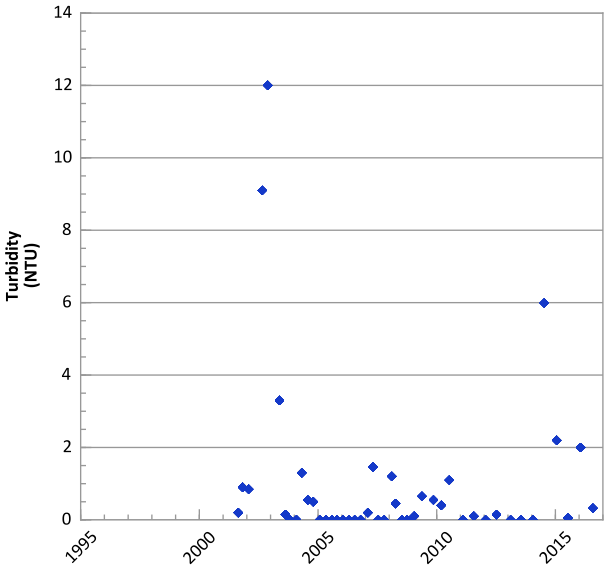


PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



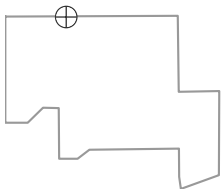






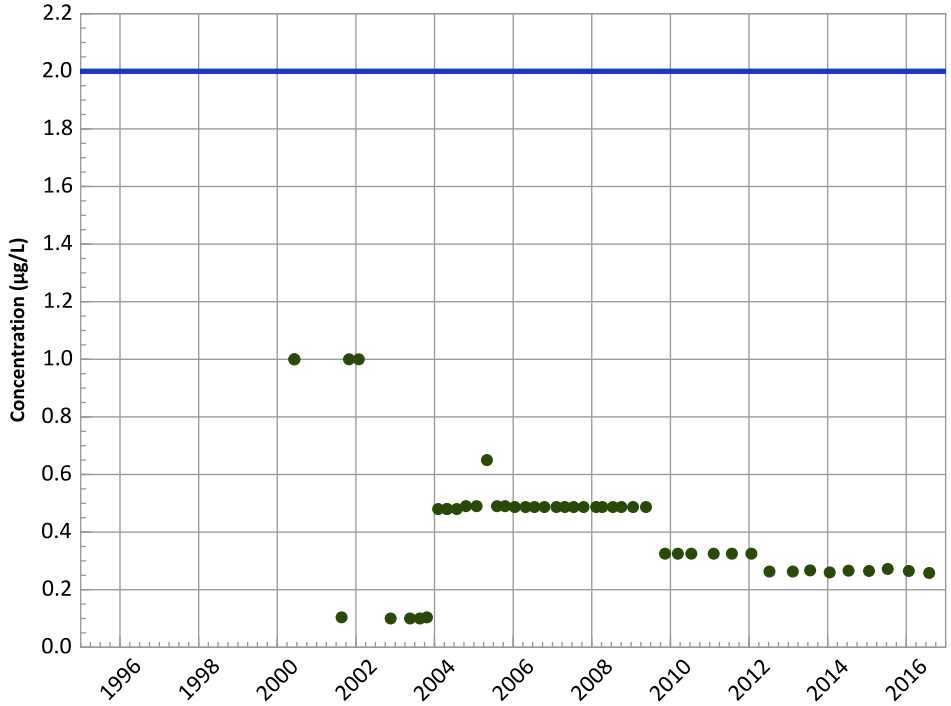
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 08/01/2016
Analysis Date: 03/07/2017

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

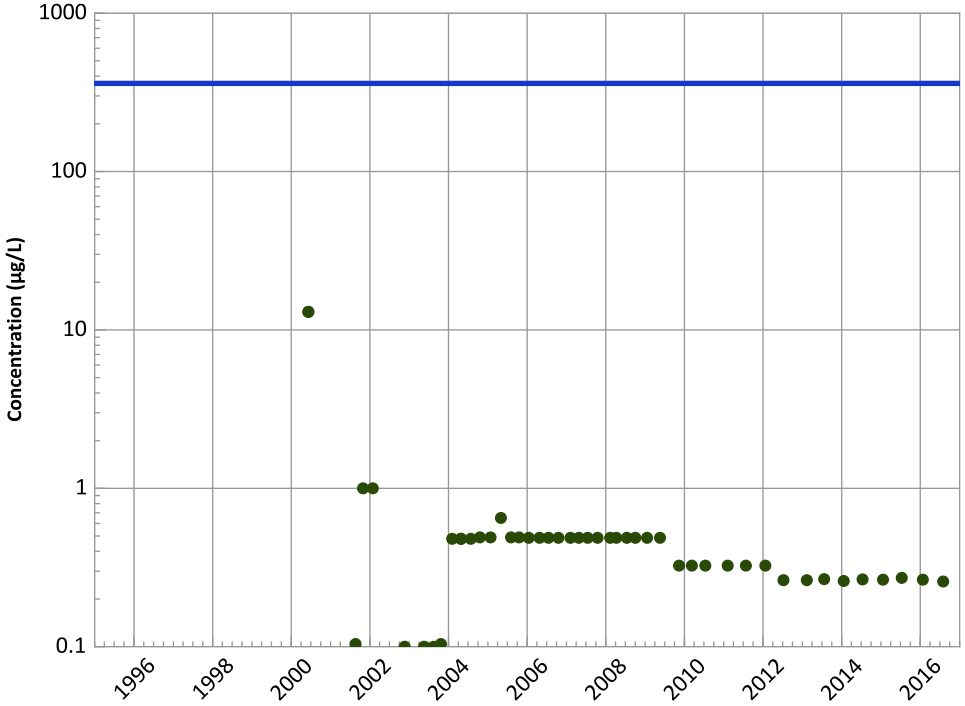


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

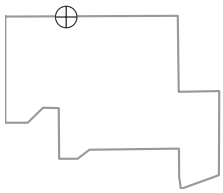
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 08/01/2016
Analysis Date: 03/07/2017

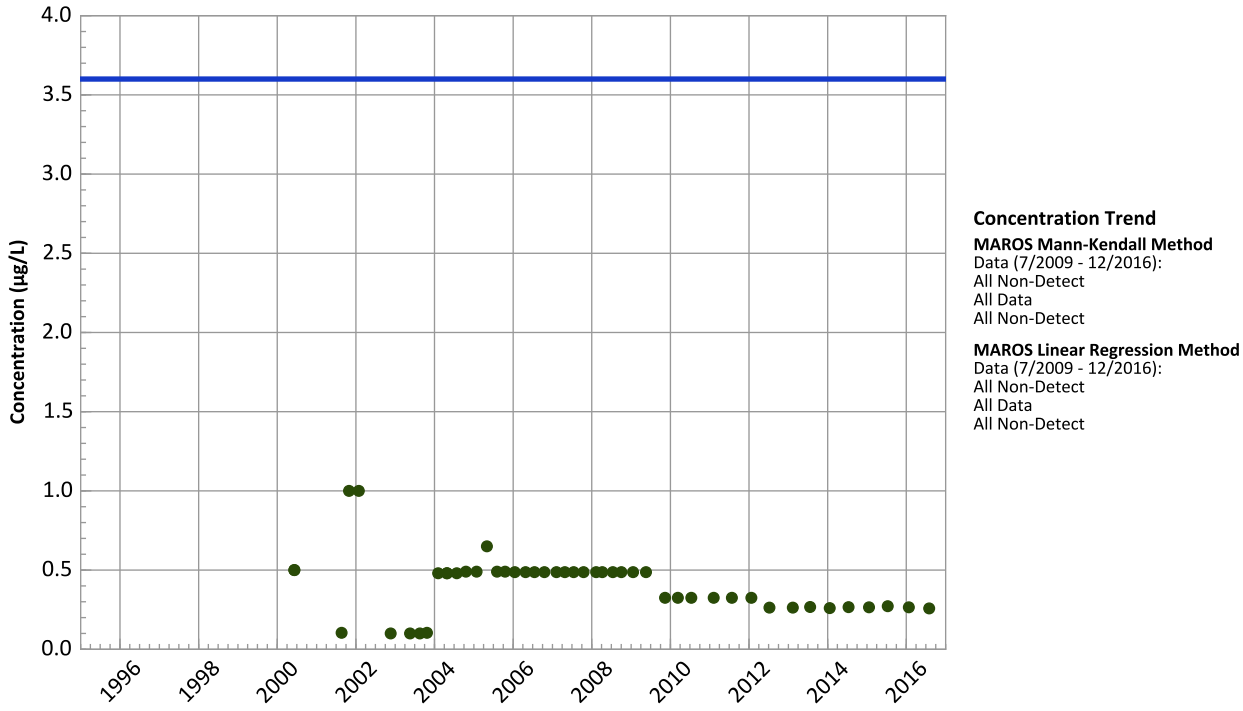
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

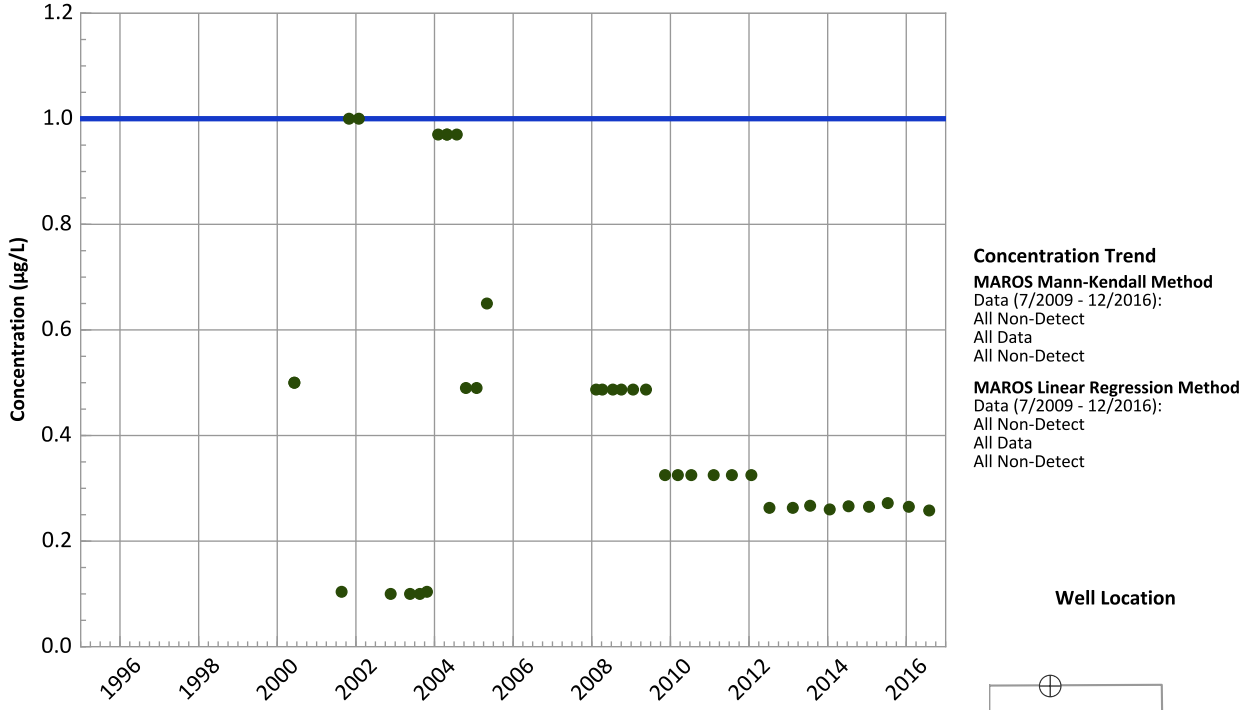


PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



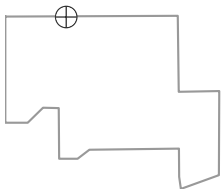
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 08/01/2016
Analysis Date: 03/07/2017

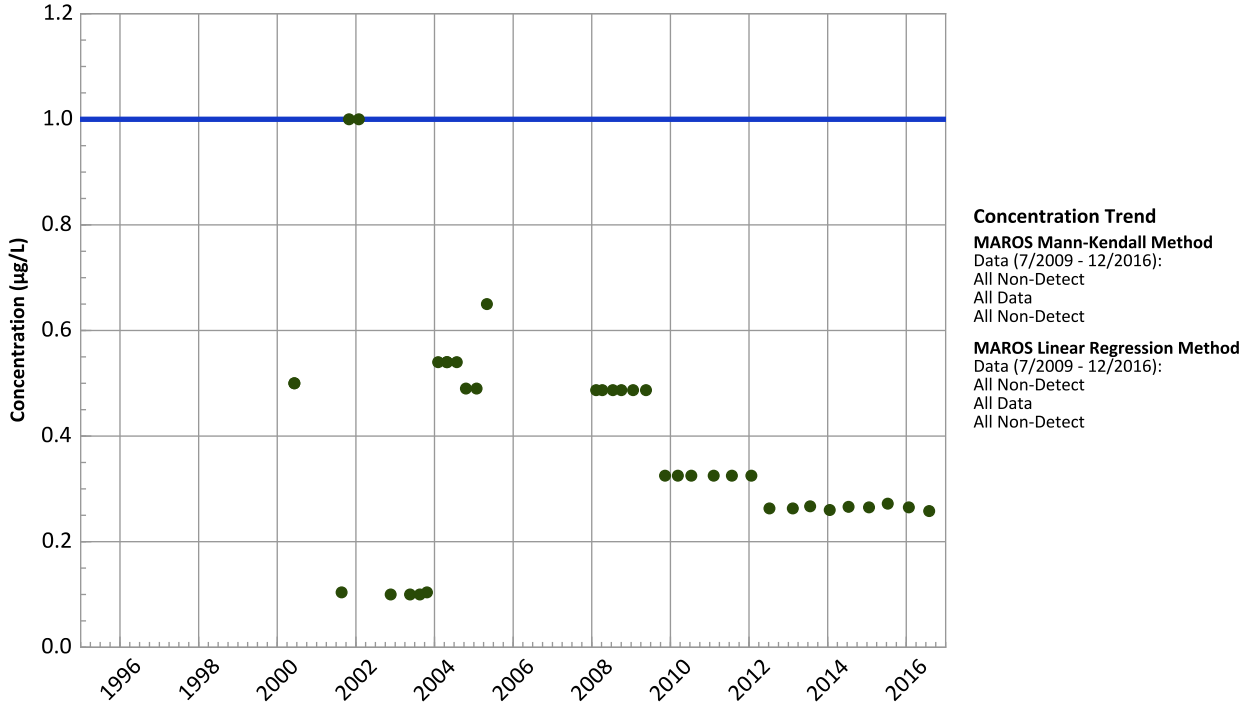
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

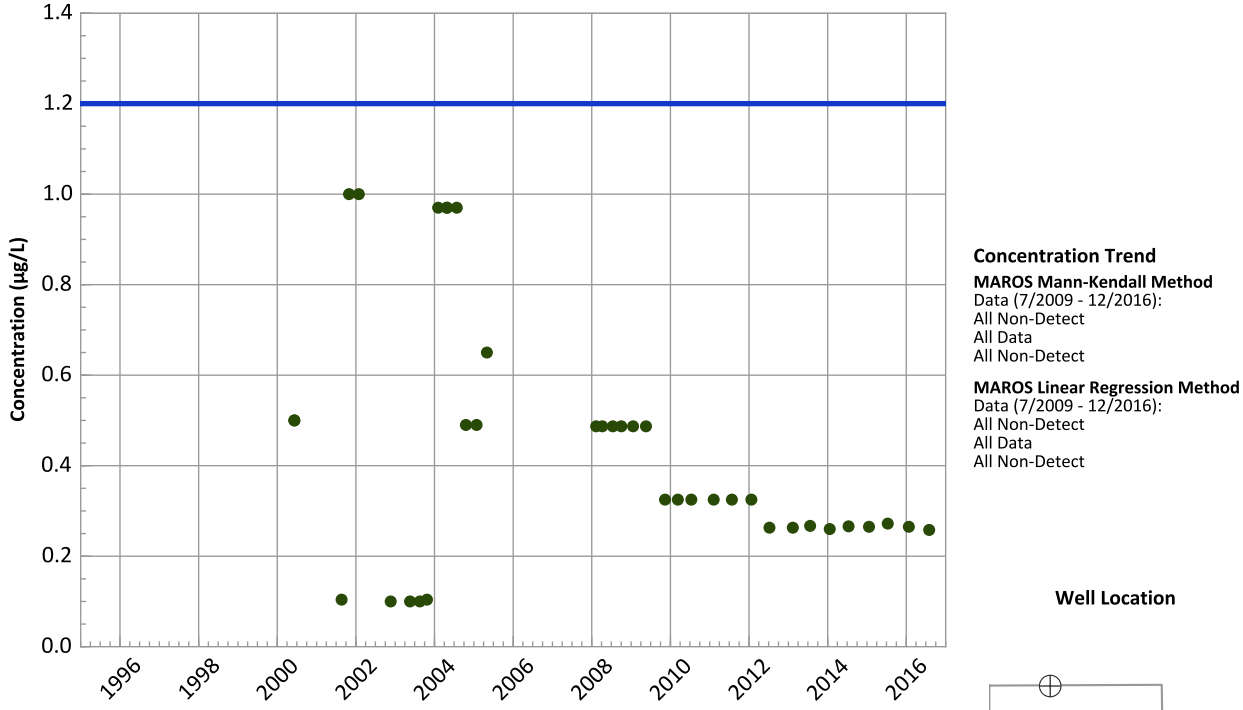


PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



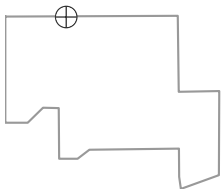
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 08/01/2016
Analysis Date: 03/07/2017

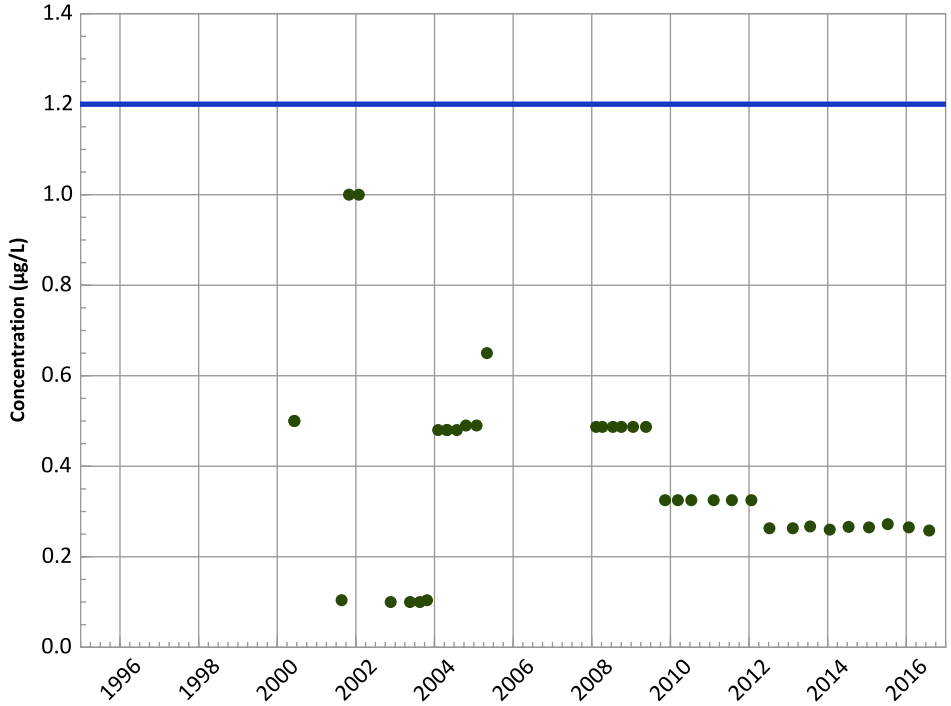
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

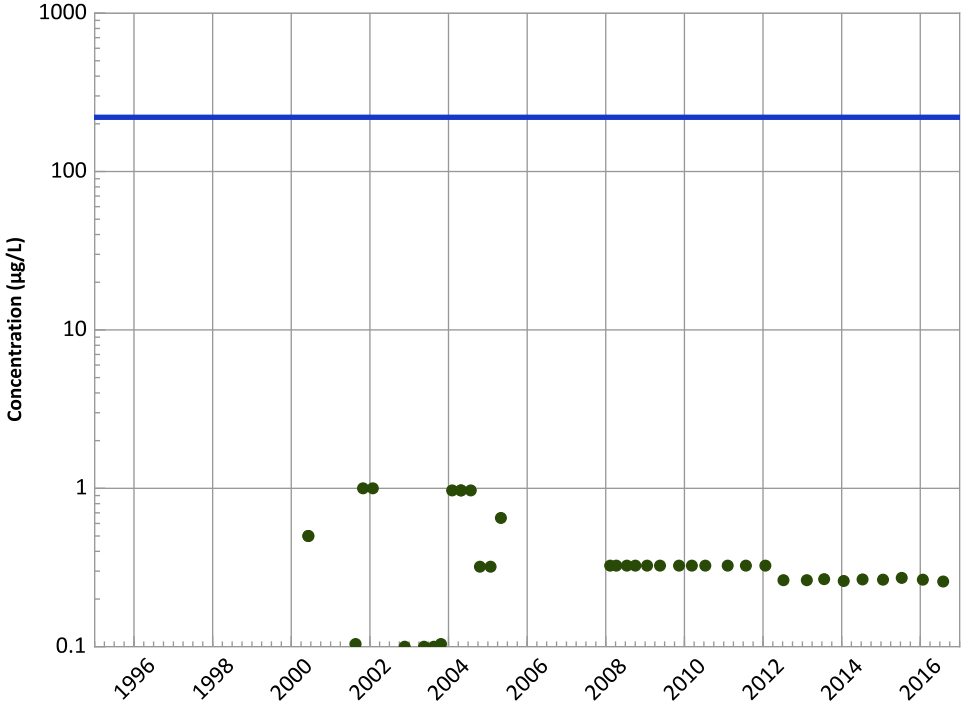


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

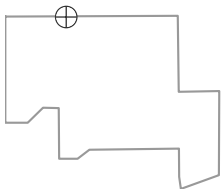
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 08/01/2016
Analysis Date: 03/07/2017

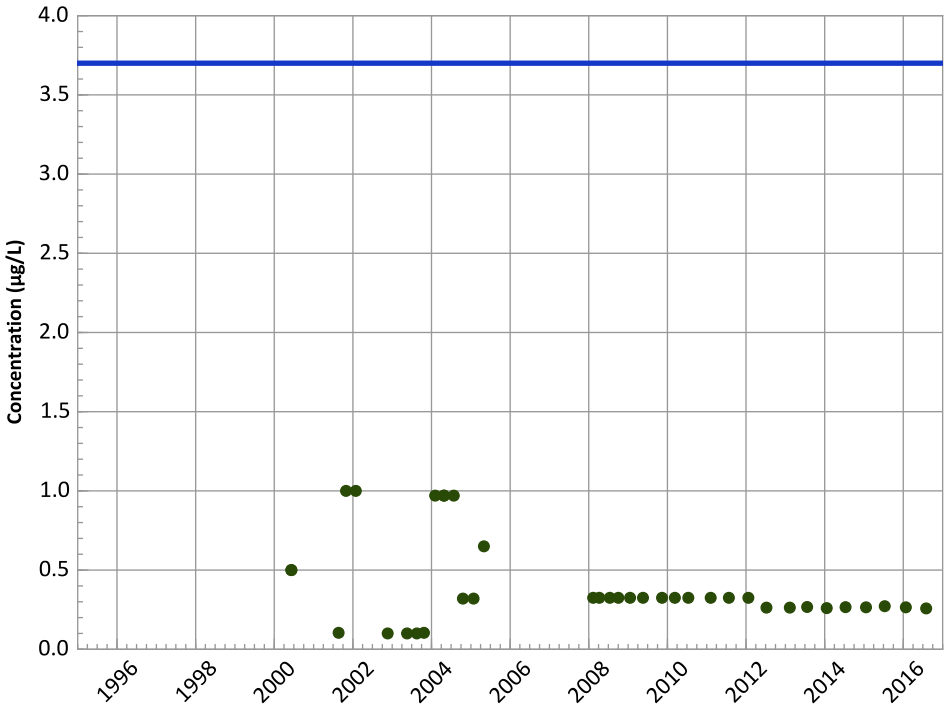
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

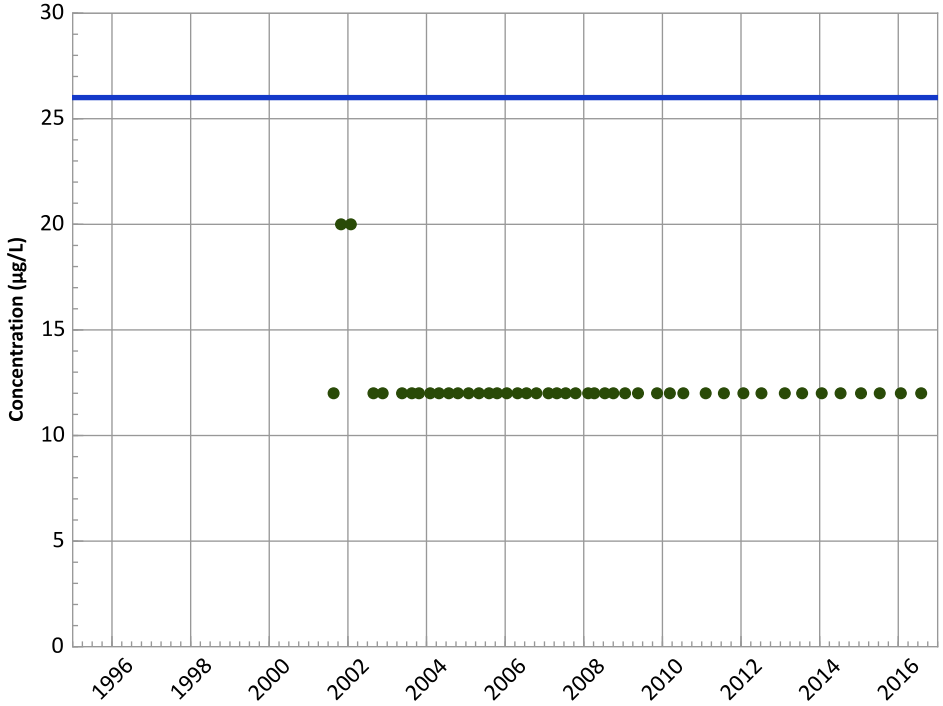


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

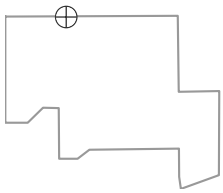
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 08/01/2016
Analysis Date: 03/07/2017

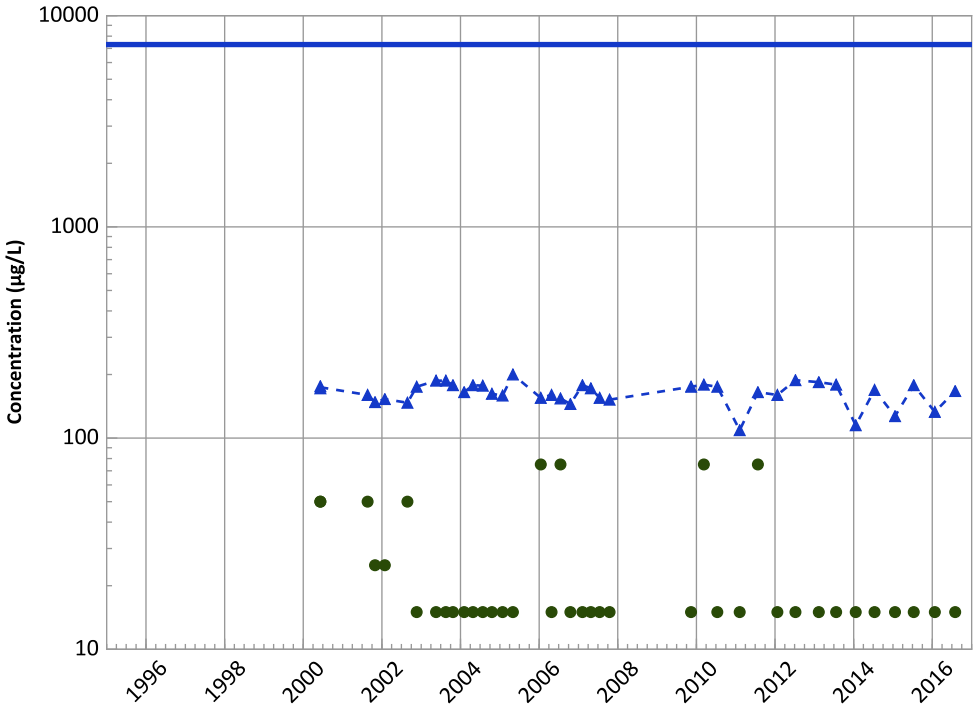
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

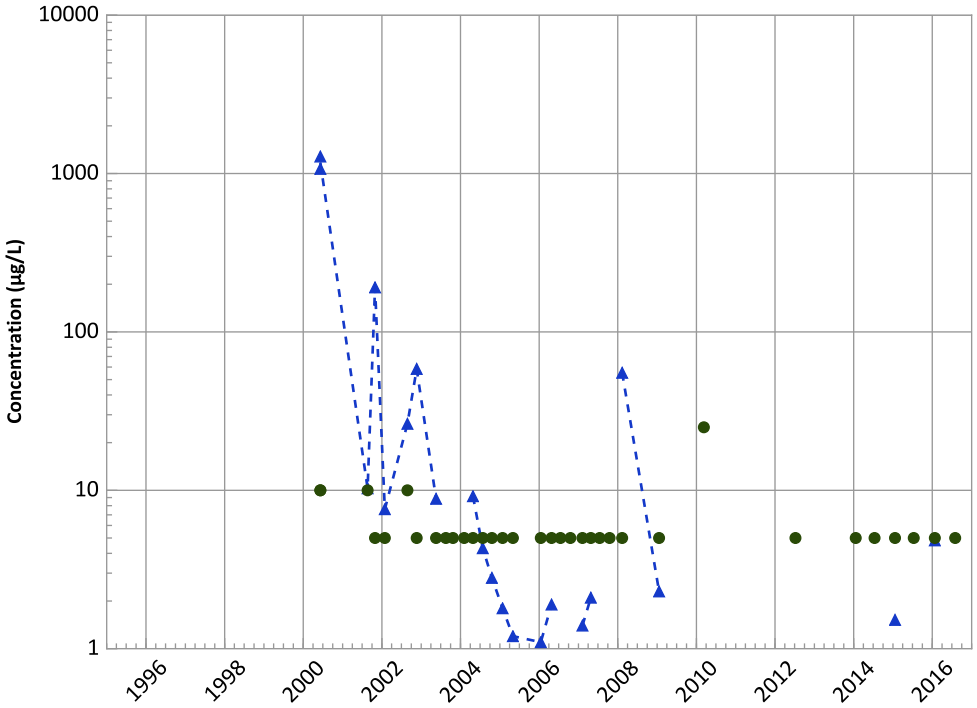


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Decreasing

Manganese Trend



Concentration Trend

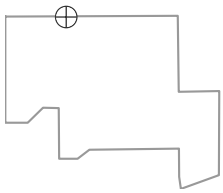
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 08/01/2016
Analysis Date: 03/07/2017

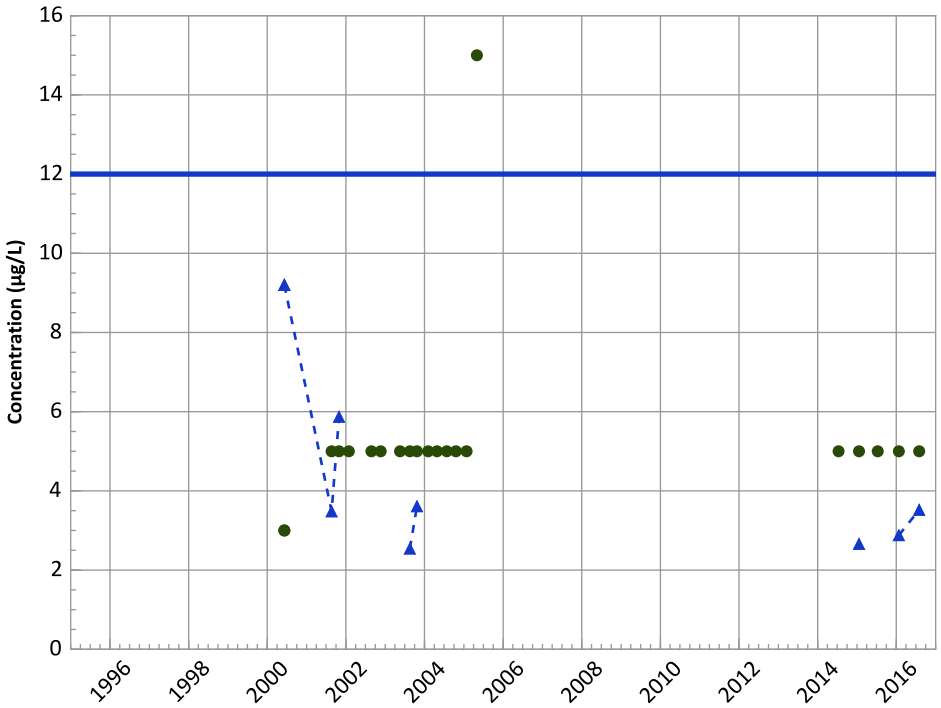
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

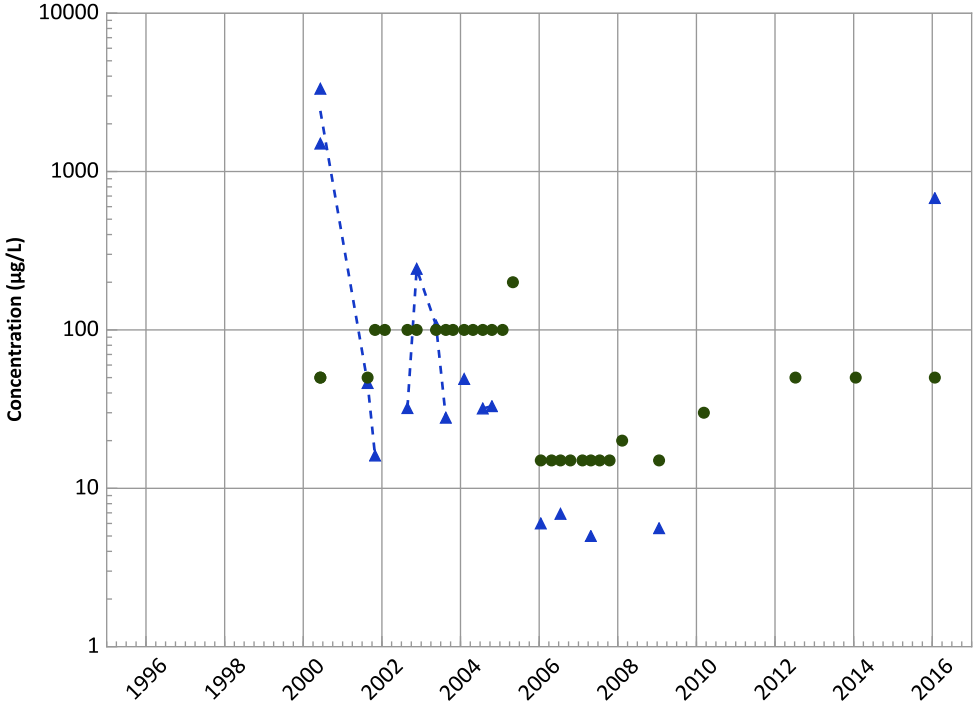


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

Aluminum Trend



Concentration Trend

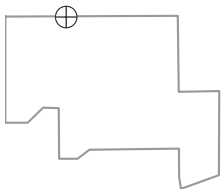
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 08/01/2016
Analysis Date: 03/07/2017

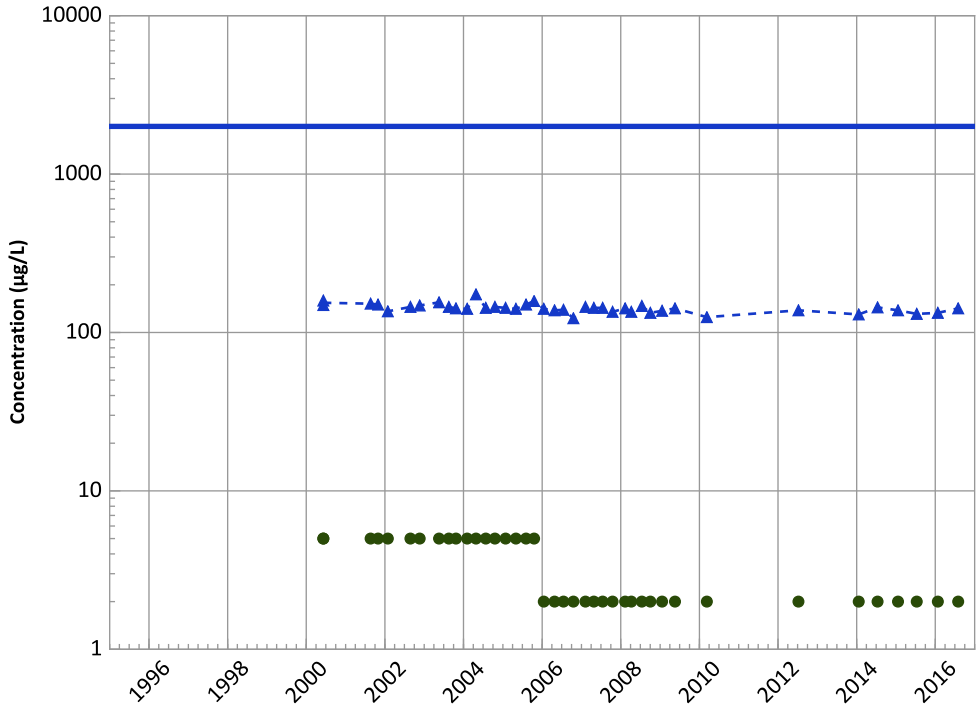
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

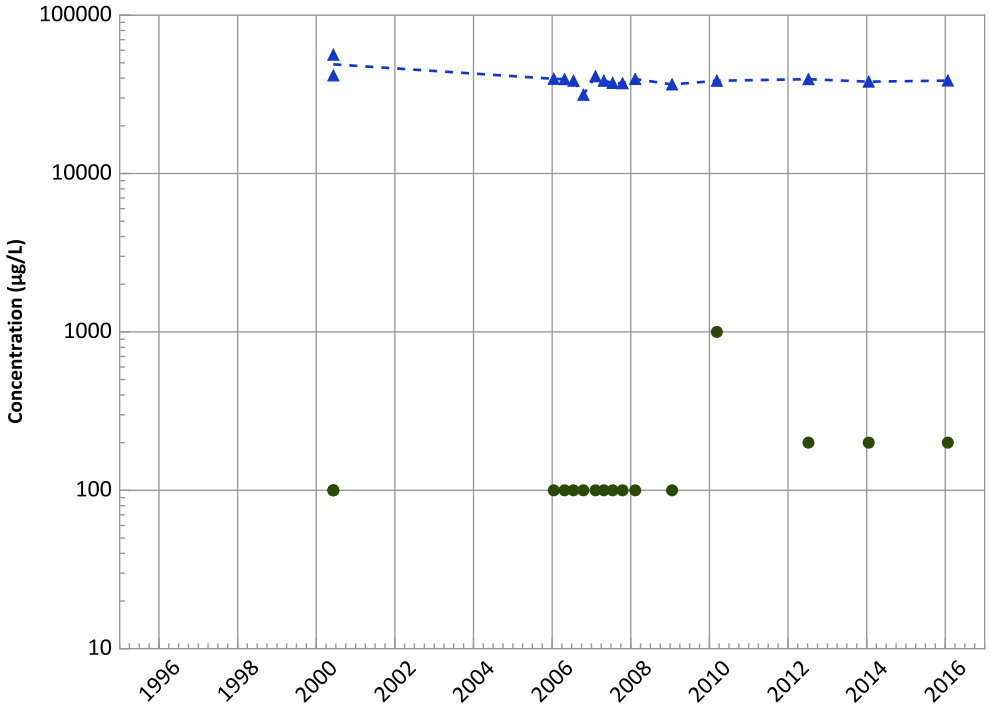


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Decreasing

Calcium Trend



Concentration Trend

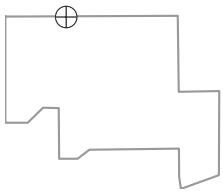
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 08/01/2016
Analysis Date: 03/07/2017

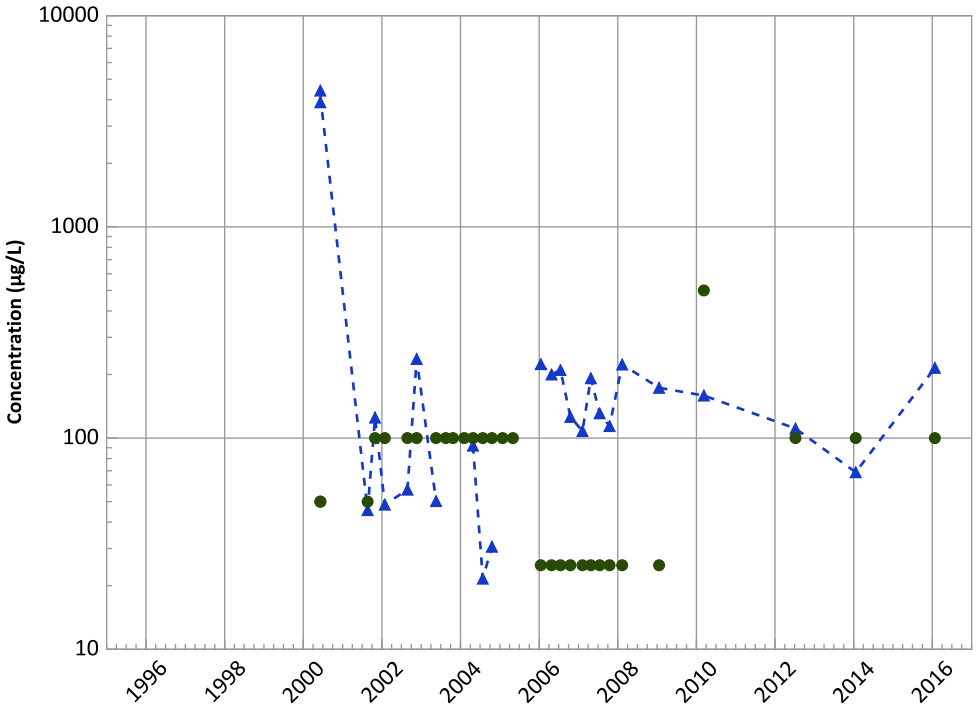
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

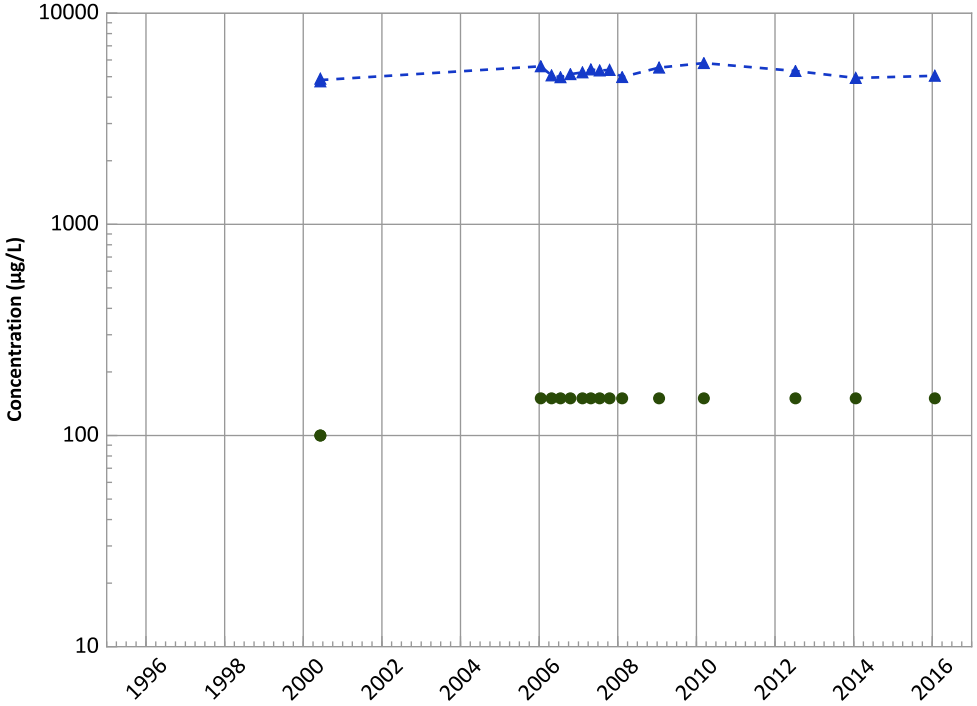


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Potassium Trend



Concentration Trend

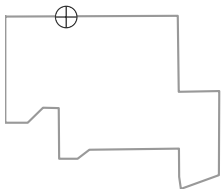
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 08/01/2016
Analysis Date: 03/07/2017

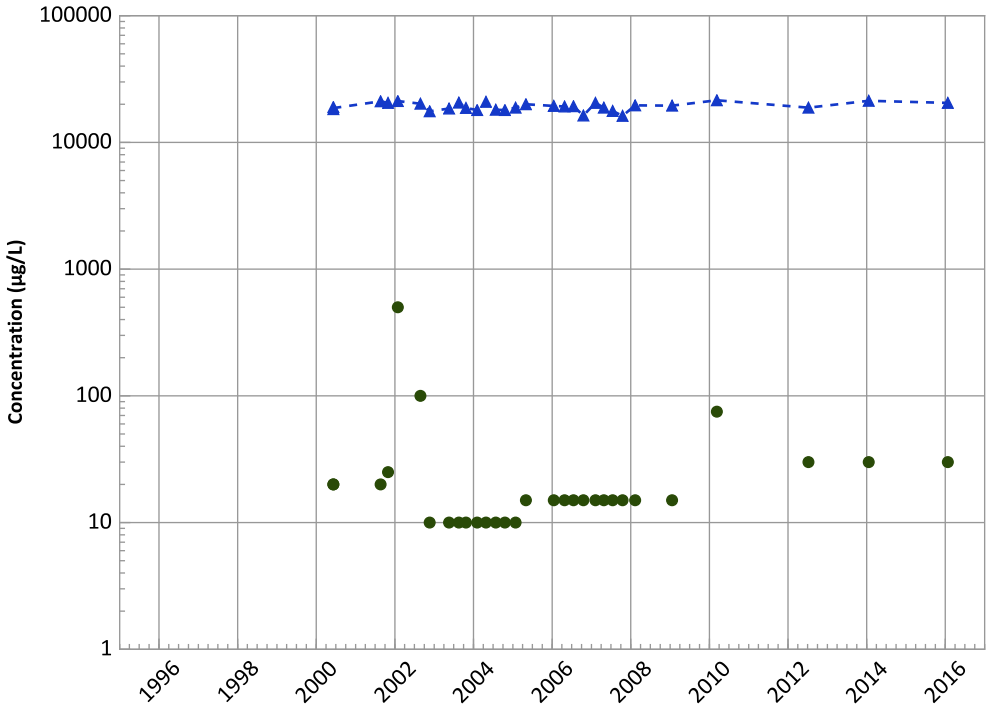
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

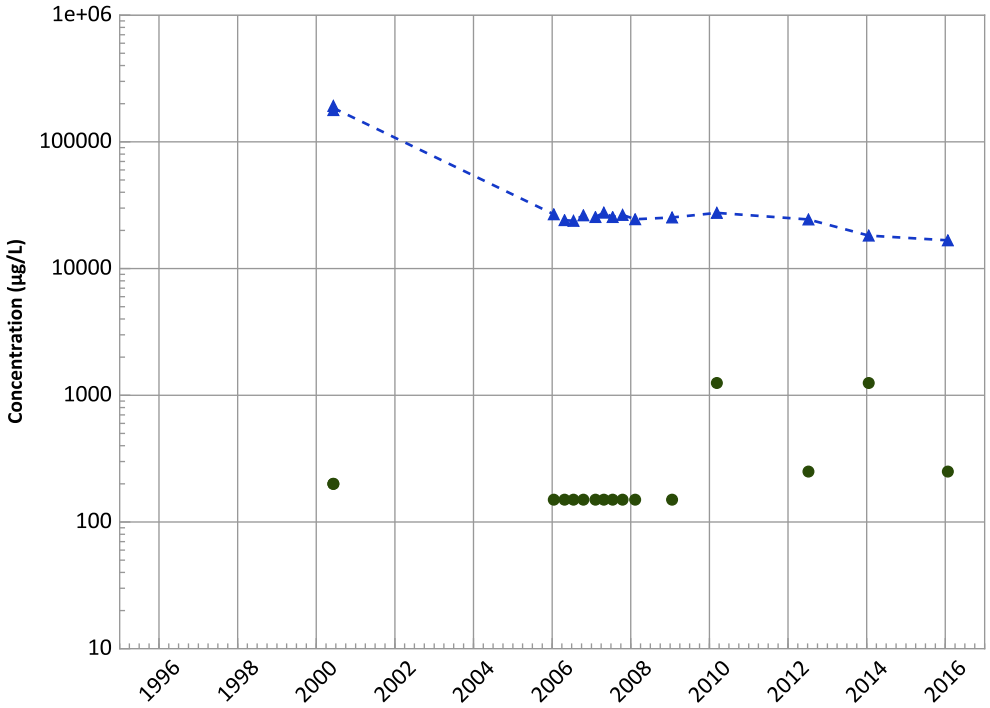


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Sodium Trend



Concentration Trend

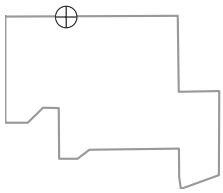
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 08/01/2016
Analysis Date: 03/07/2017

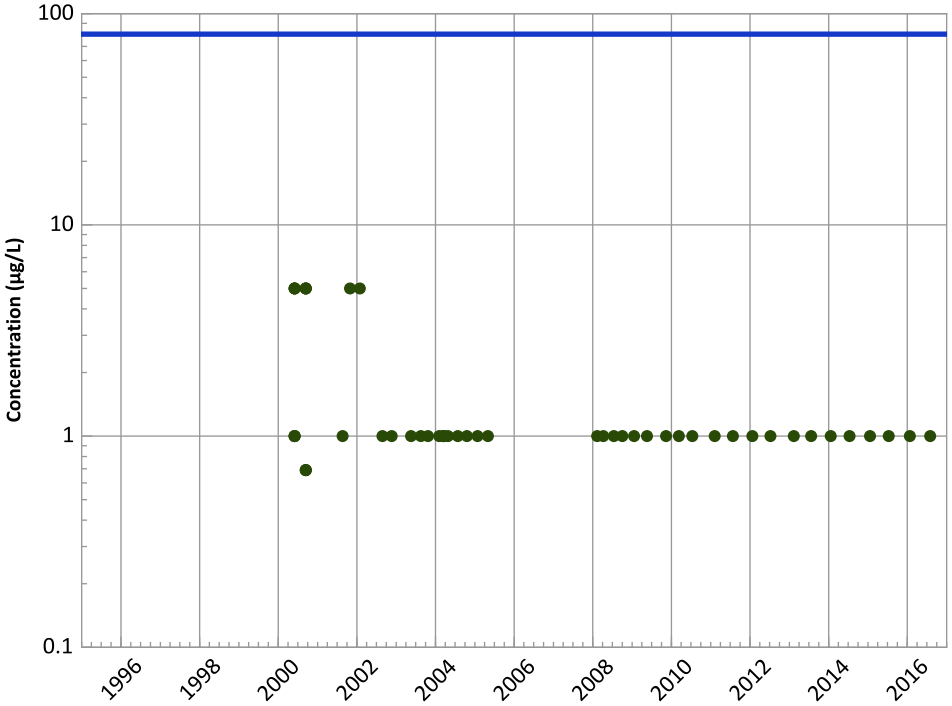
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

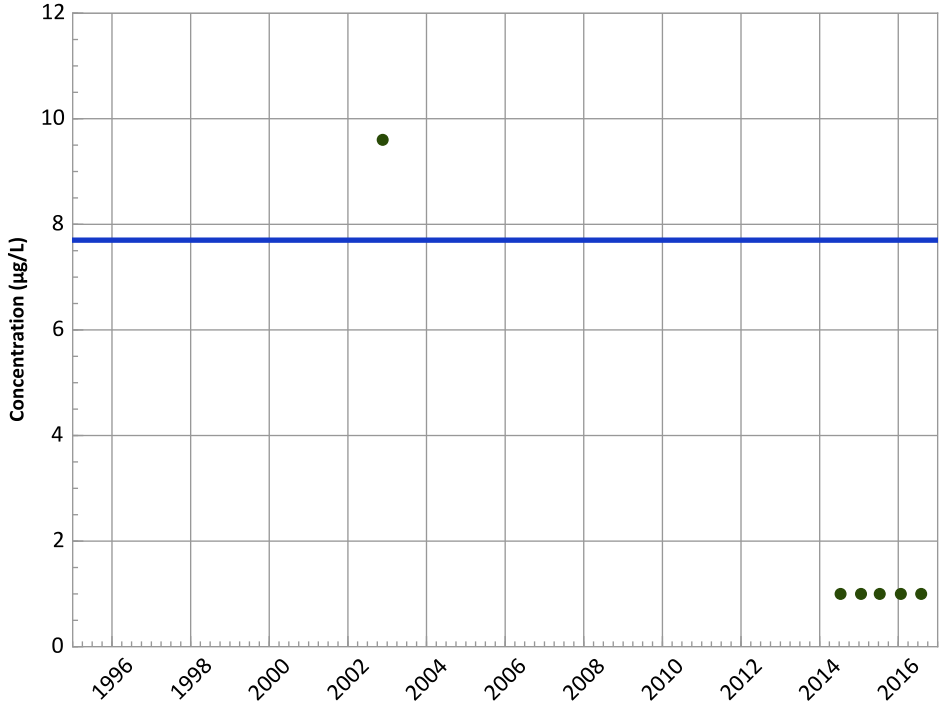


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

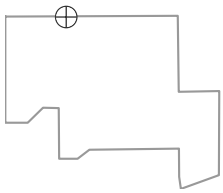
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 08/01/2016
Analysis Date: 03/07/2017

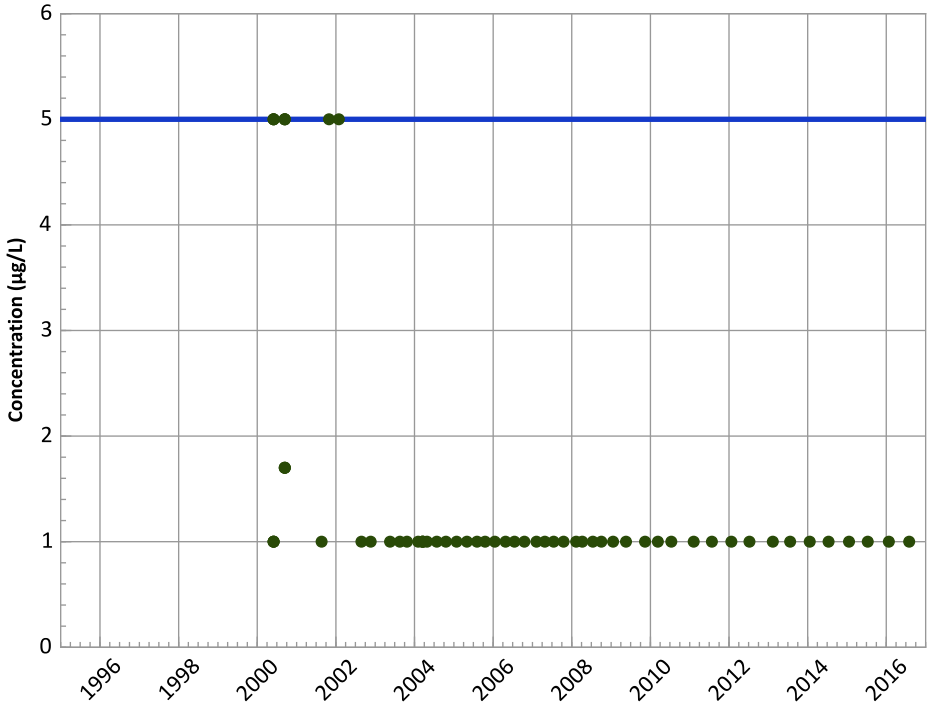
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

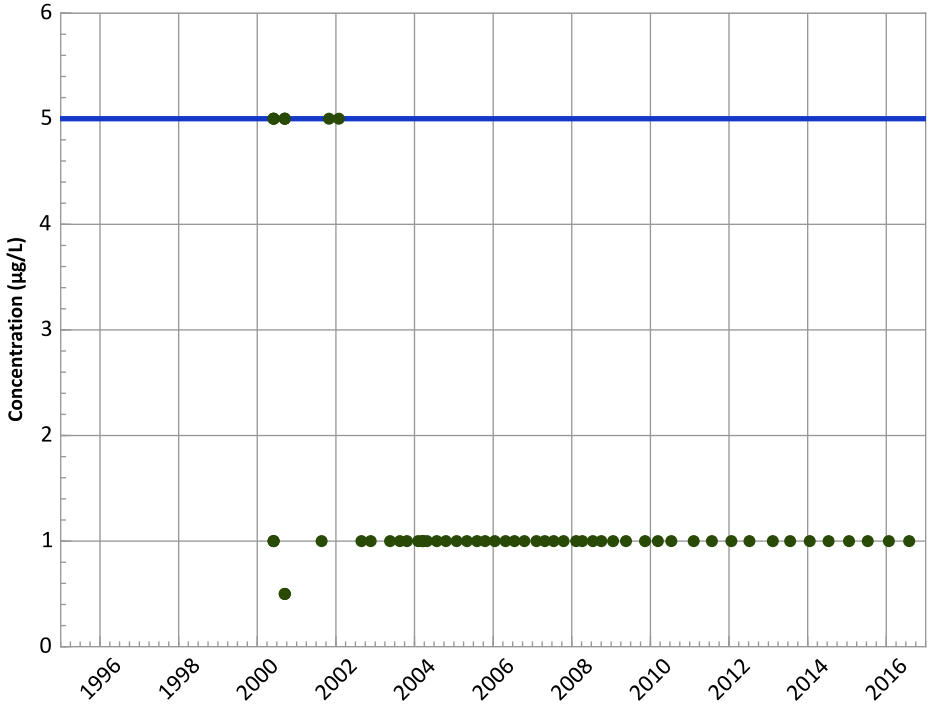


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

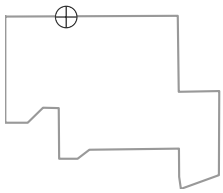
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 08/01/2016
Analysis Date: 03/07/2017

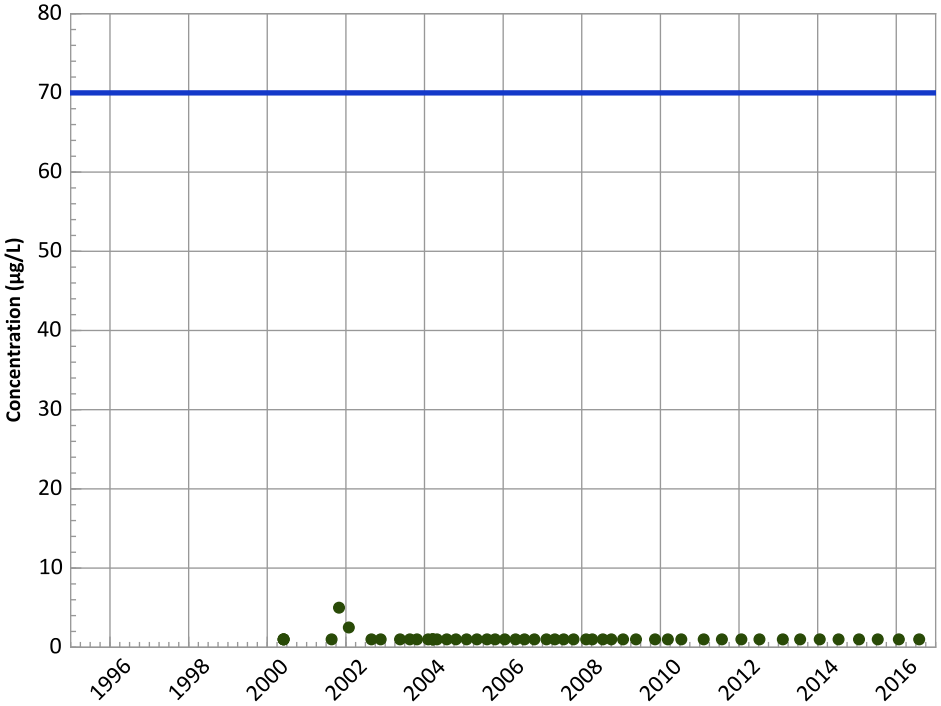
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

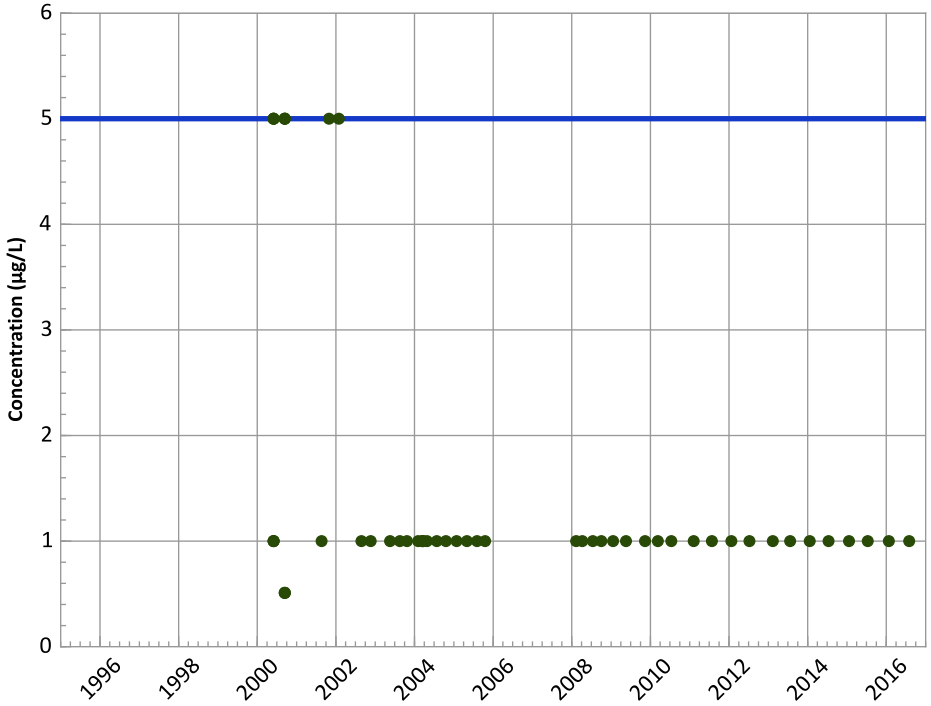


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

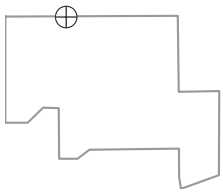
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 08/01/2016
Analysis Date: 03/07/2017

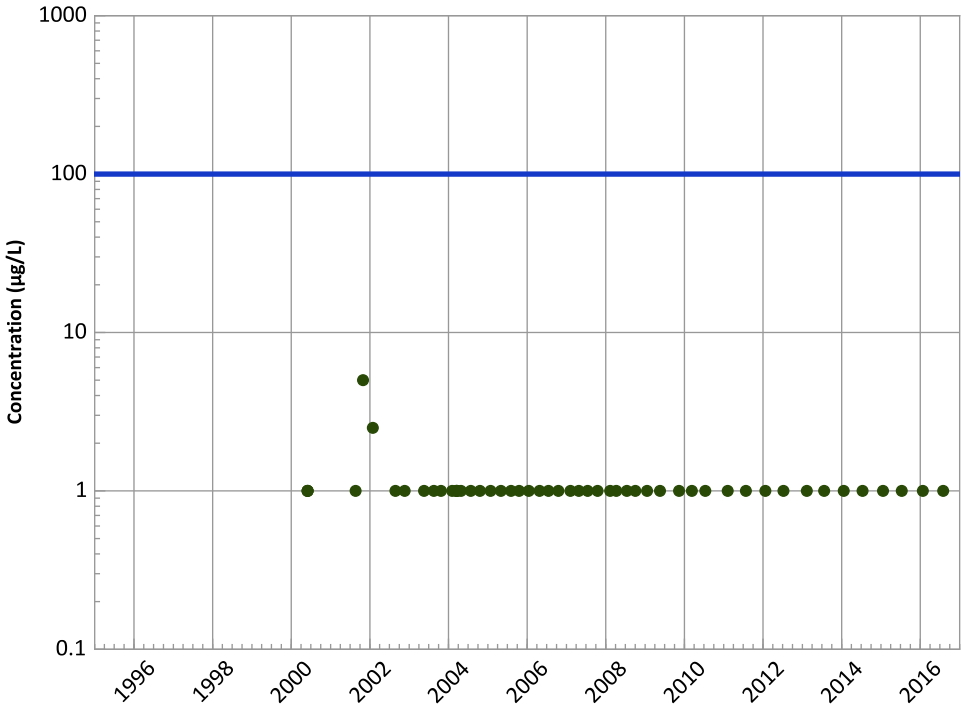
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

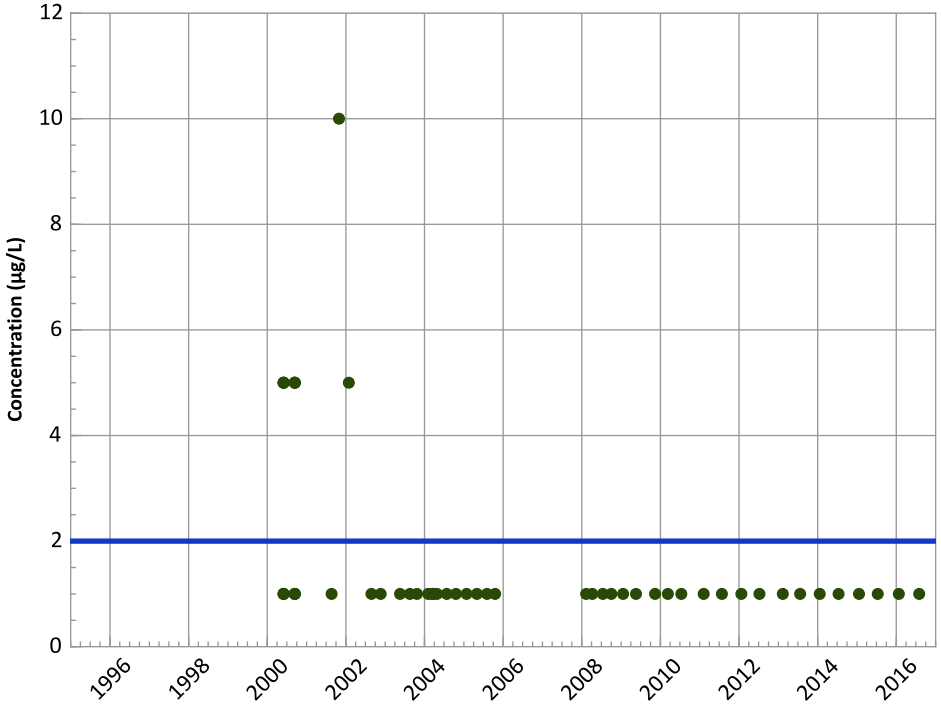


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

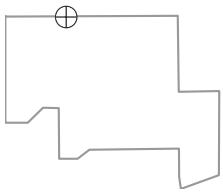
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

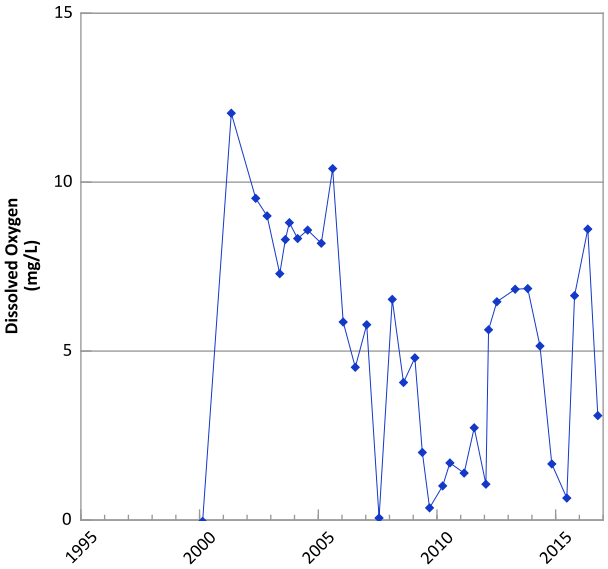
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/01/2000 to 08/01/2016
Analysis Date: 03/07/2017

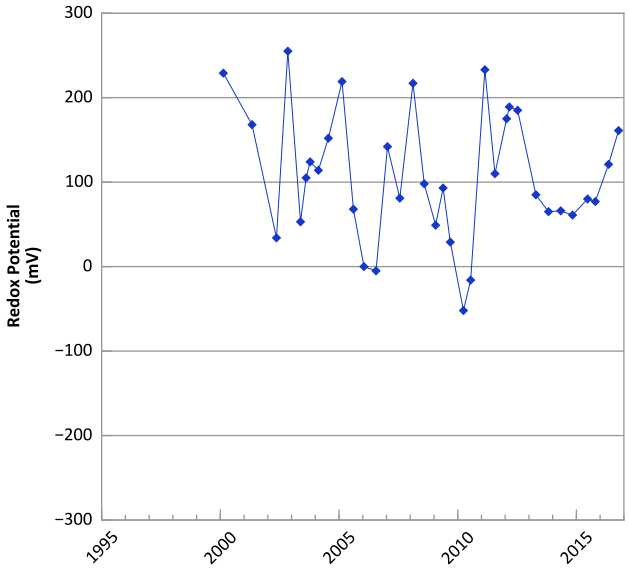
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

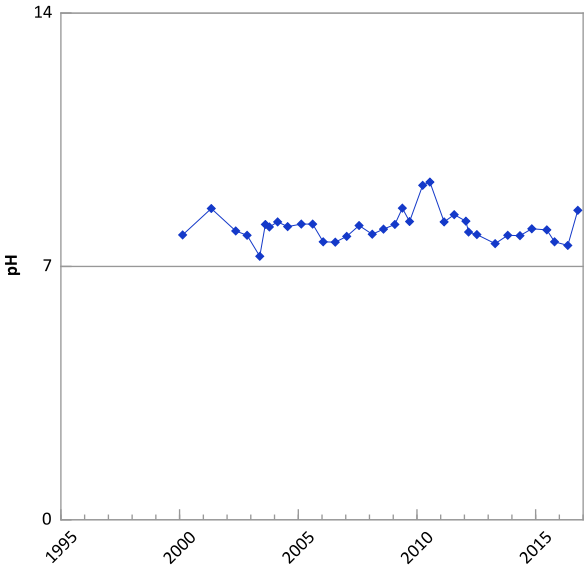
Well Location

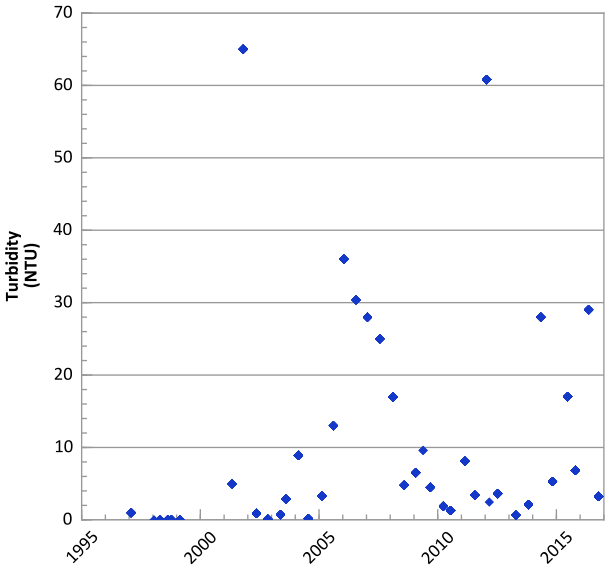


PTX06-1033 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



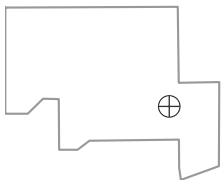






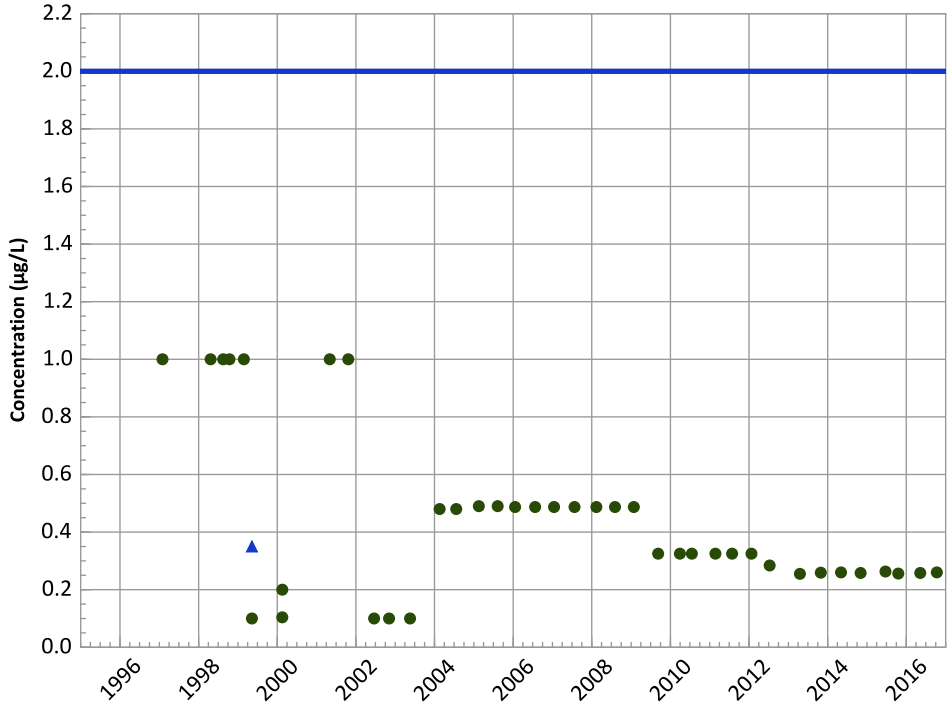
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/30/1997 to 10/11/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1033 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

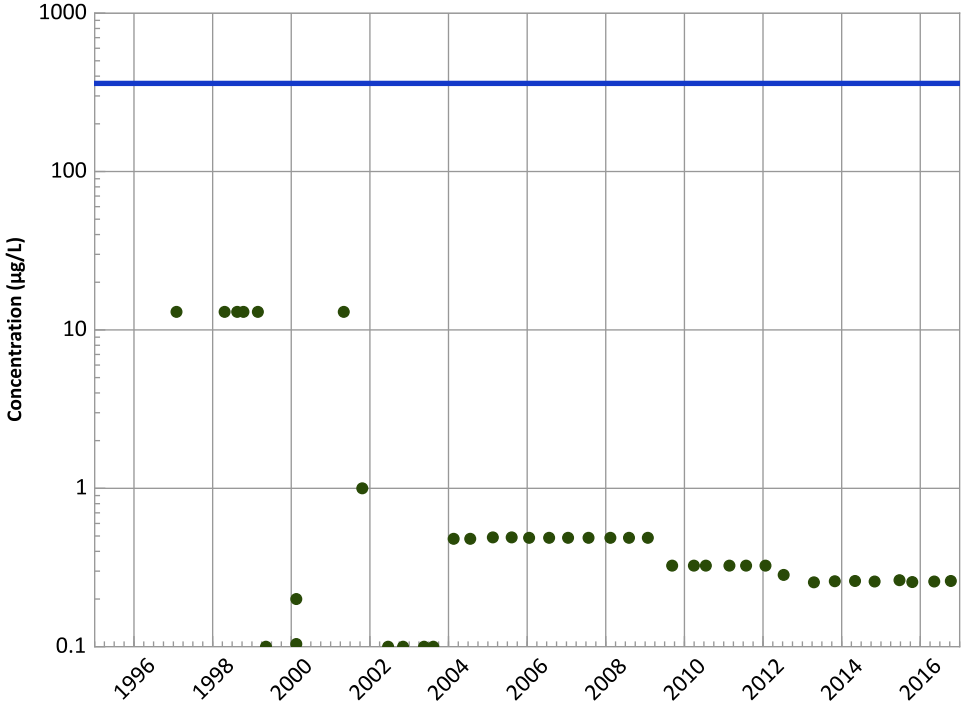


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

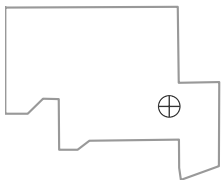
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/30/1997 to 10/11/2016
Analysis Date: 03/07/2017

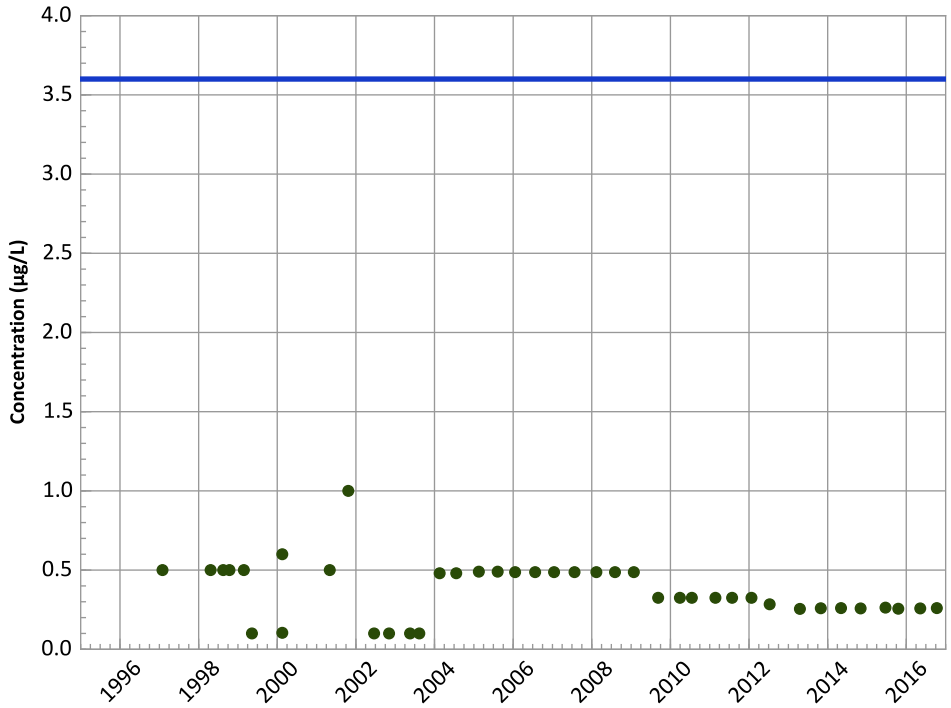
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1033 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

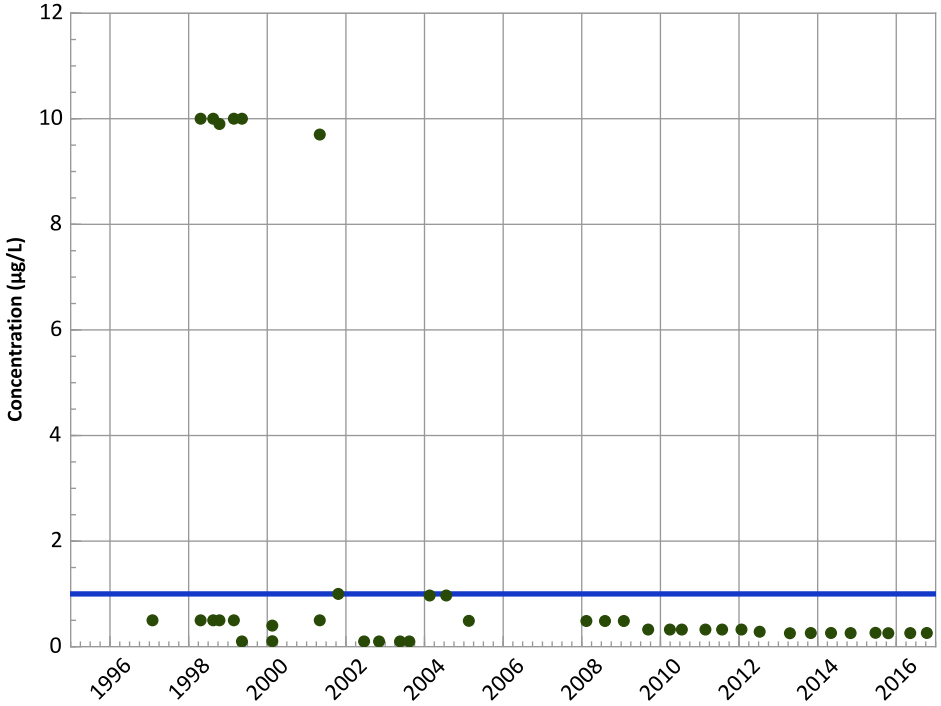


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

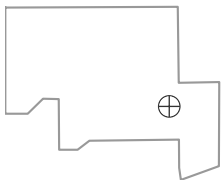
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/30/1997 to 10/11/2016
Analysis Date: 03/07/2017

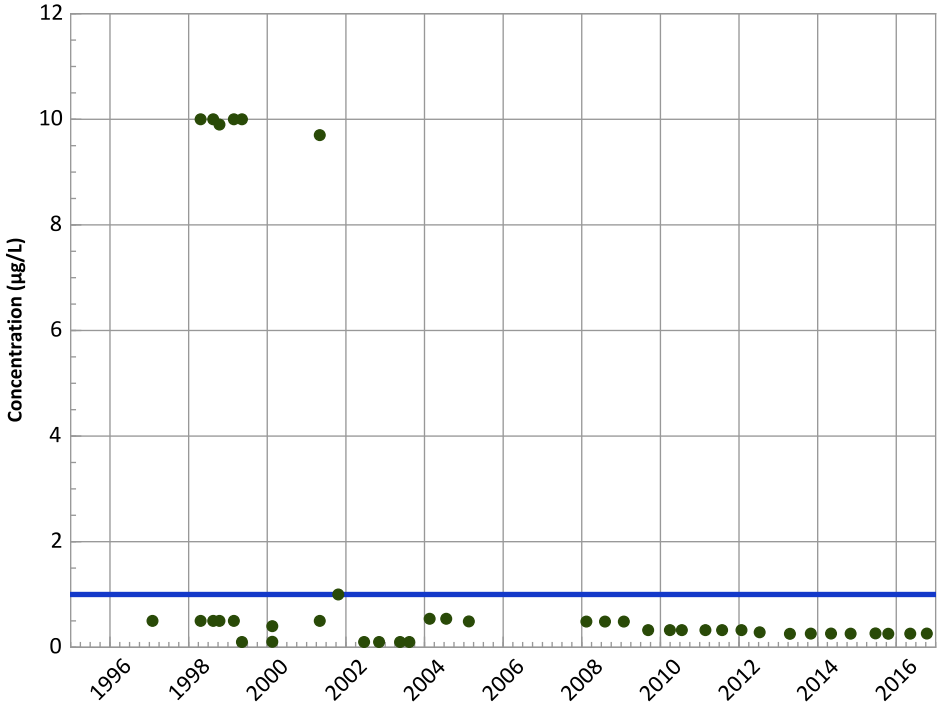
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1033 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

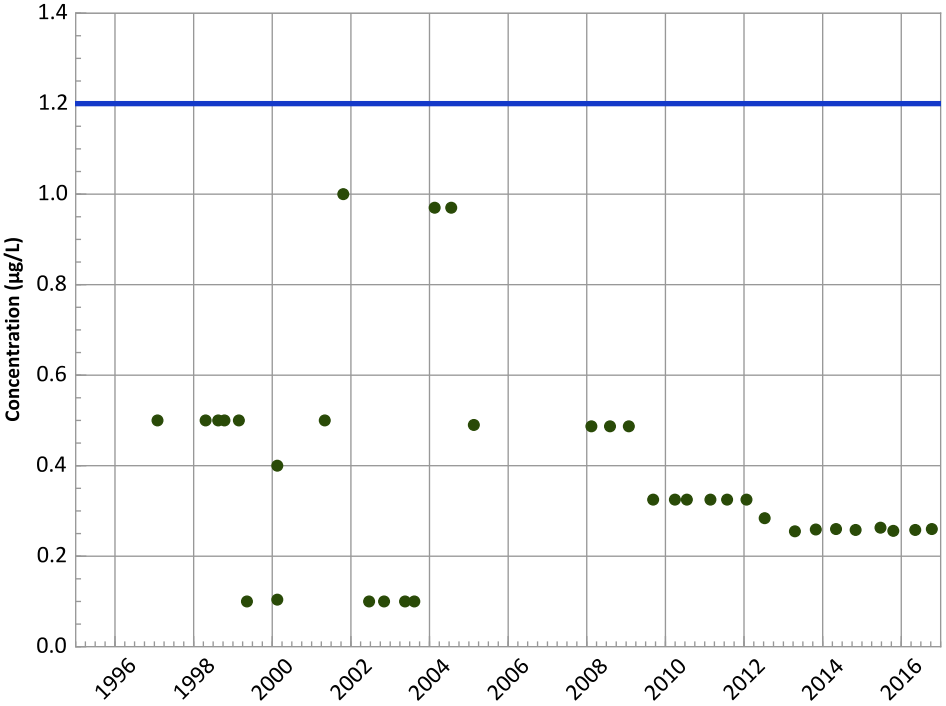


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

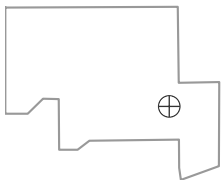
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/30/1997 to 10/11/2016
Analysis Date: 03/07/2017

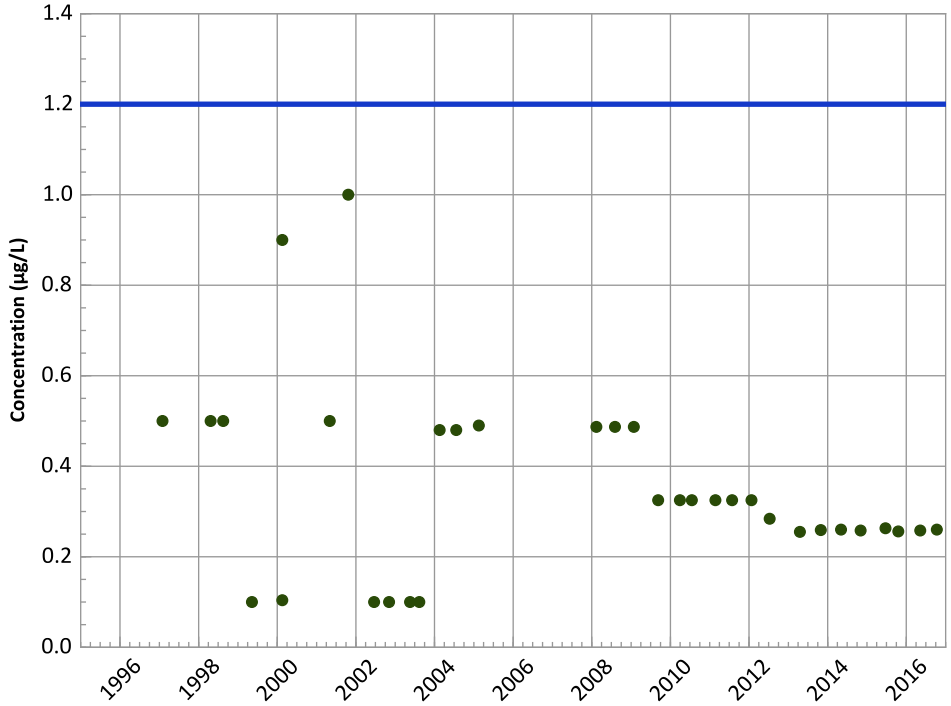
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1033 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

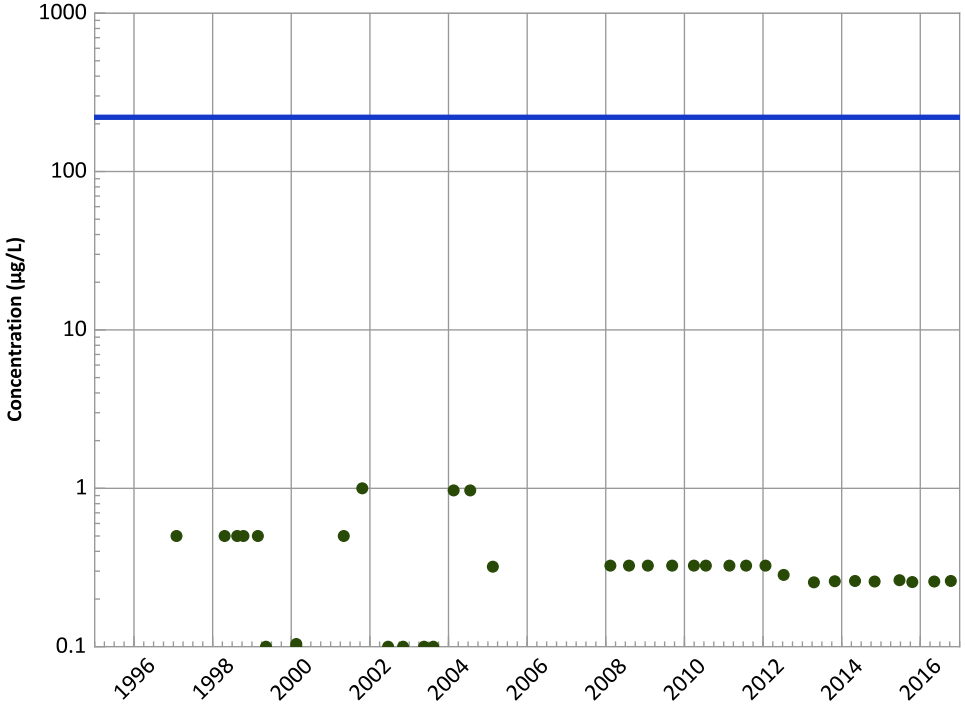


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

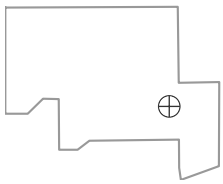
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/30/1997 to 10/11/2016
Analysis Date: 03/07/2017

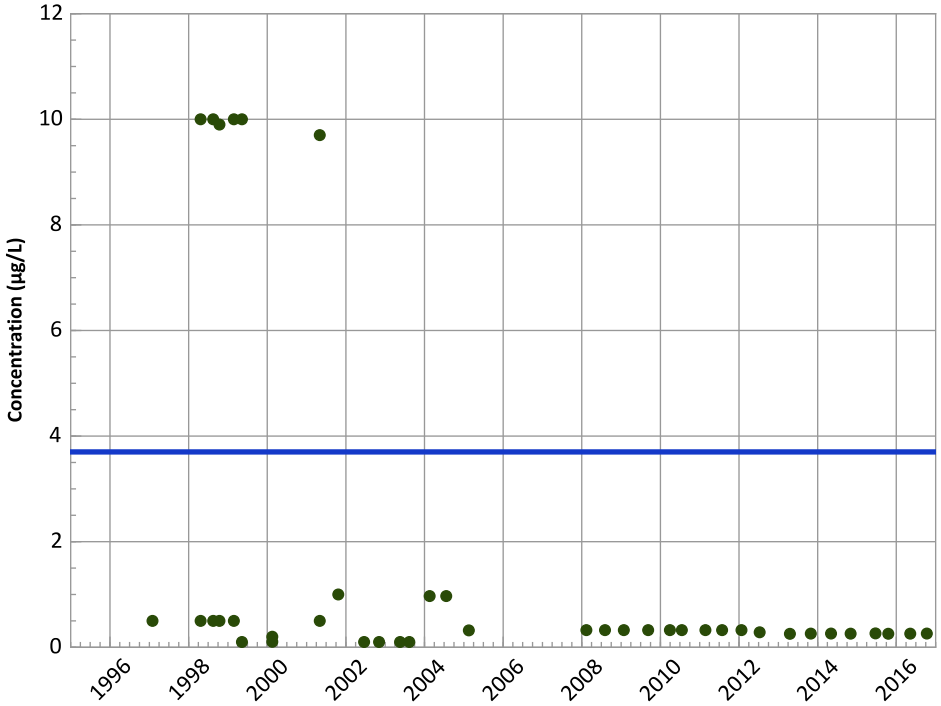
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1033 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

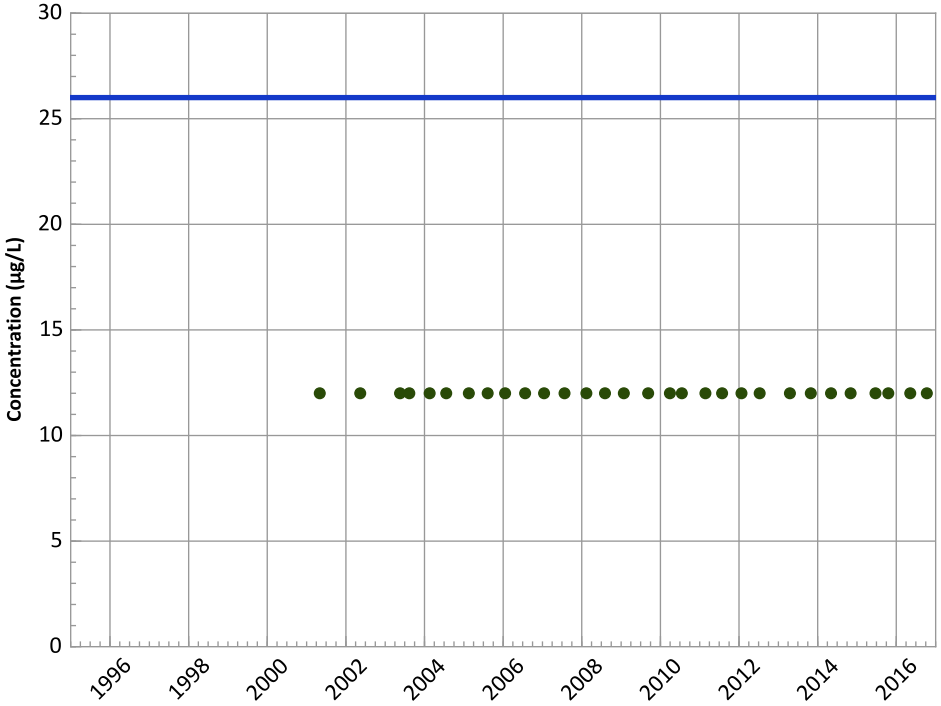


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

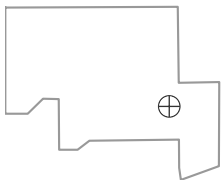
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/30/1997 to 10/11/2016
Analysis Date: 03/07/2017

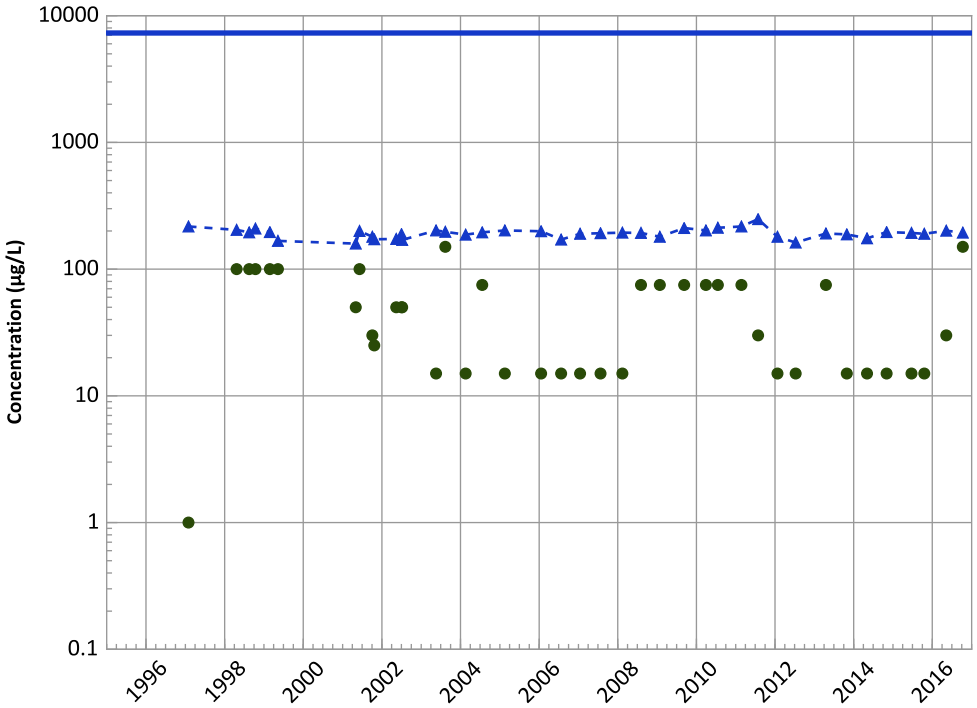
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1033 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

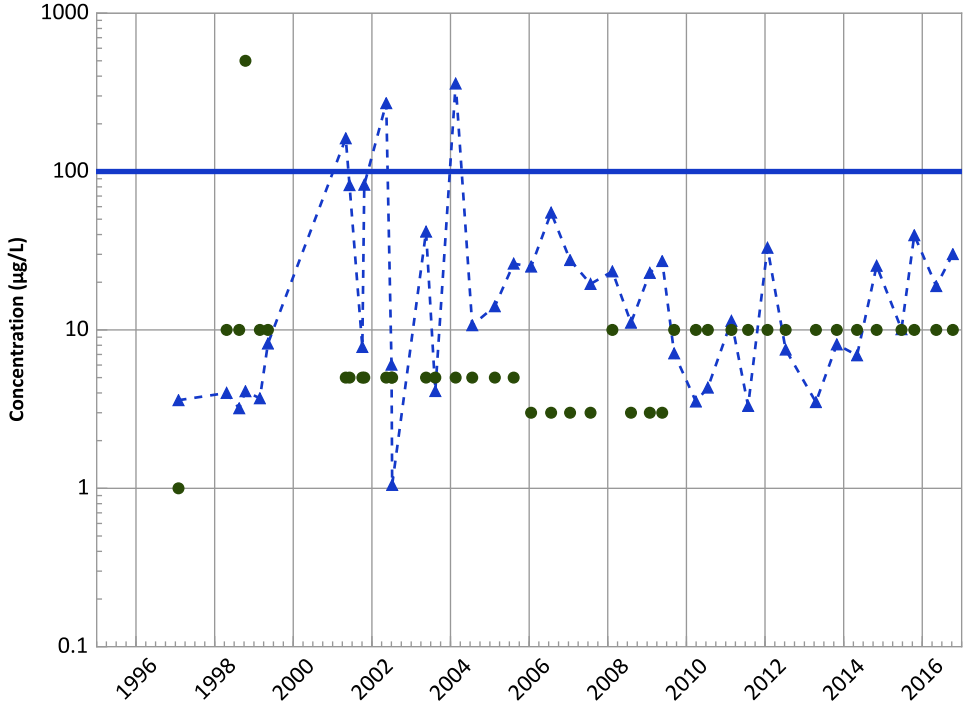


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Increasing

Chromium, Total Trend



Concentration Trend

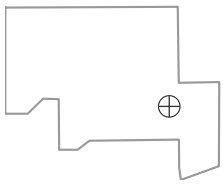
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/30/1997 to 10/11/2016
Analysis Date: 03/07/2017

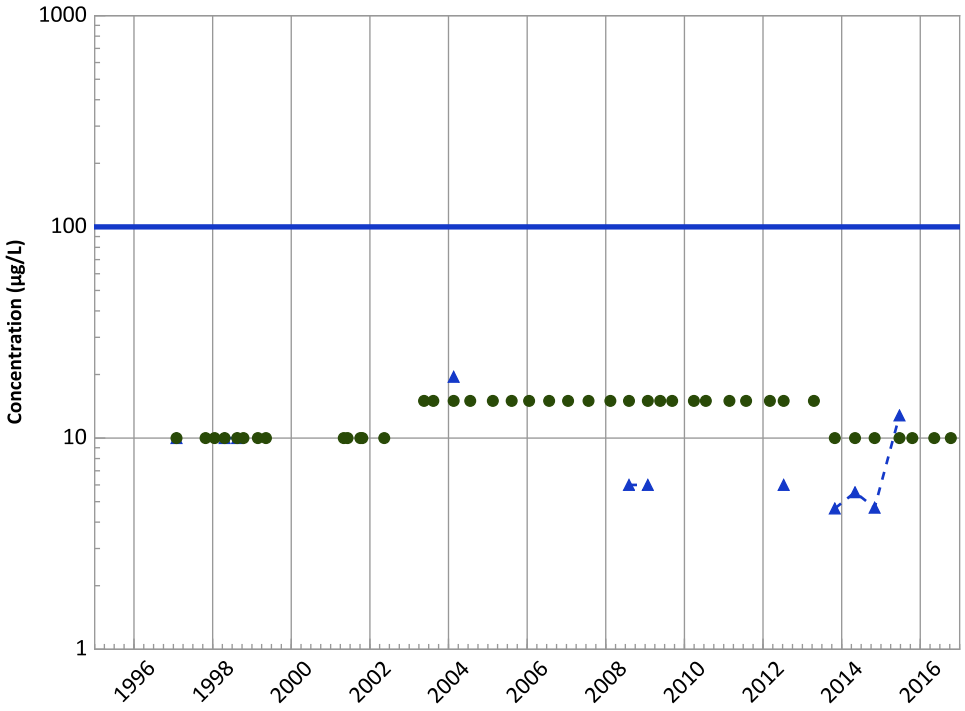
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1033 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

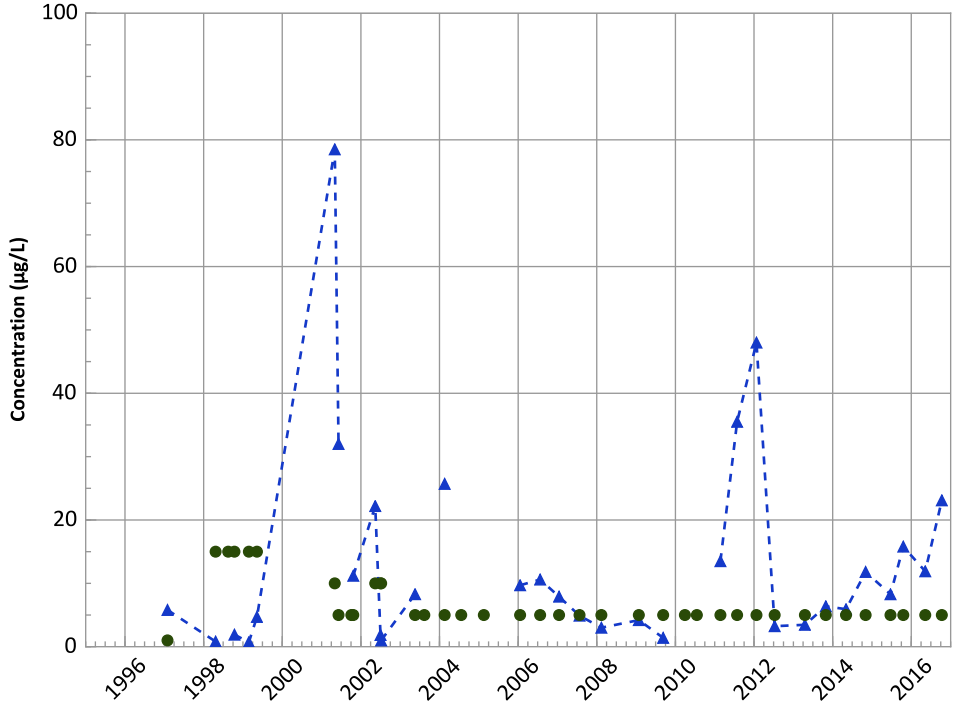


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Manganese Trend



Concentration Trend

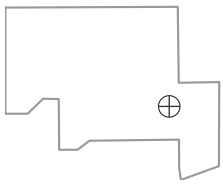
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/30/1997 to 10/11/2016
Analysis Date: 03/07/2017

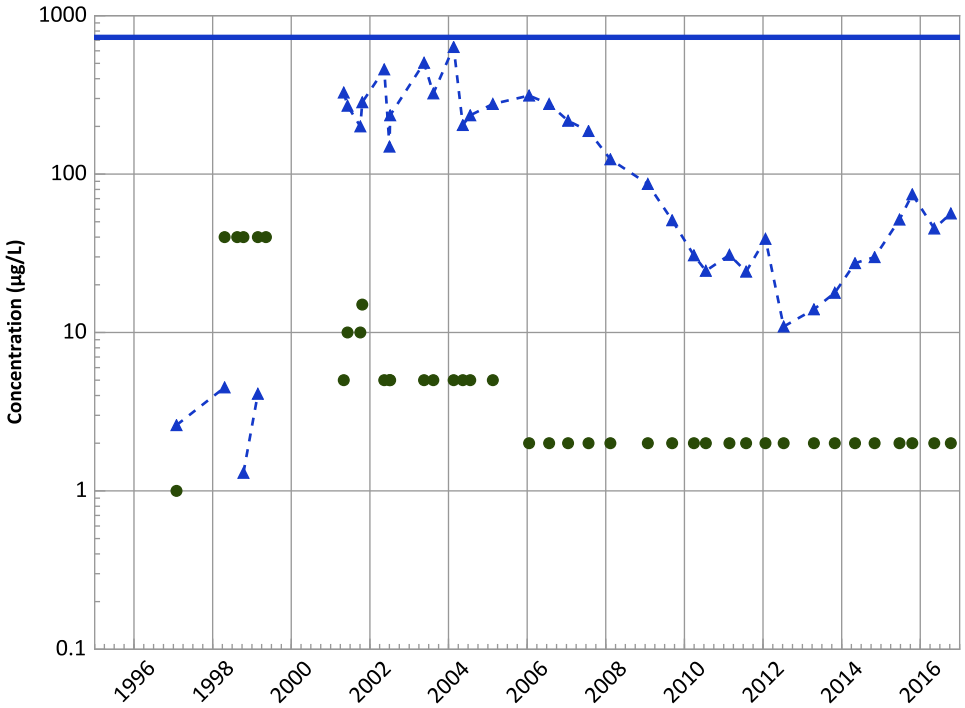
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1033 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

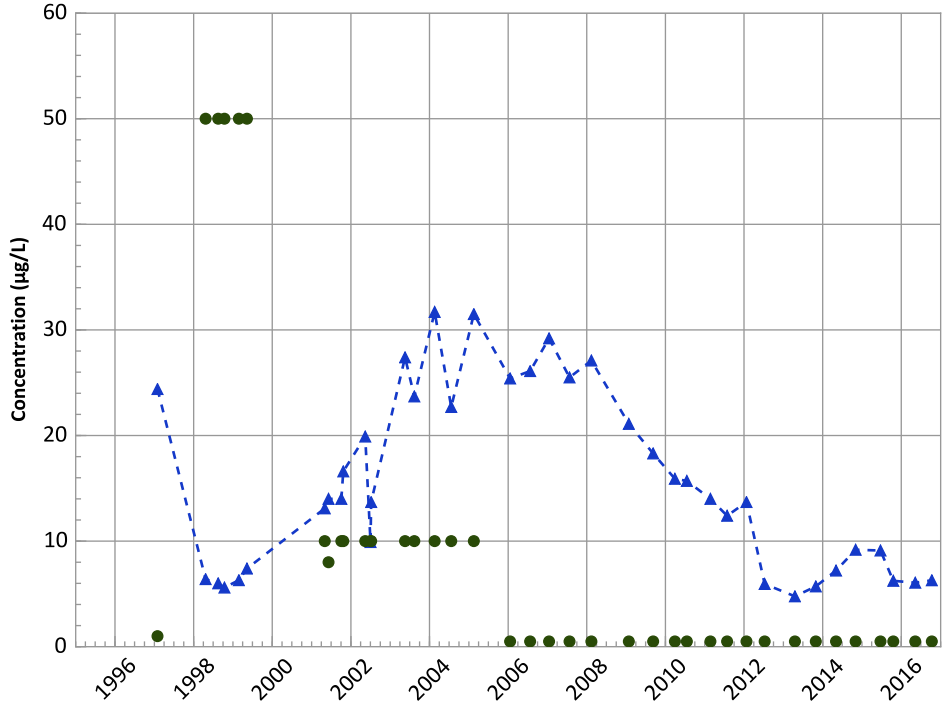


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Molybdenum Trend



Concentration Trend

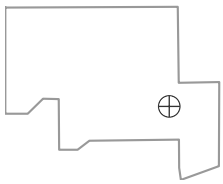
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/30/1997 to 10/11/2016
Analysis Date: 03/07/2017

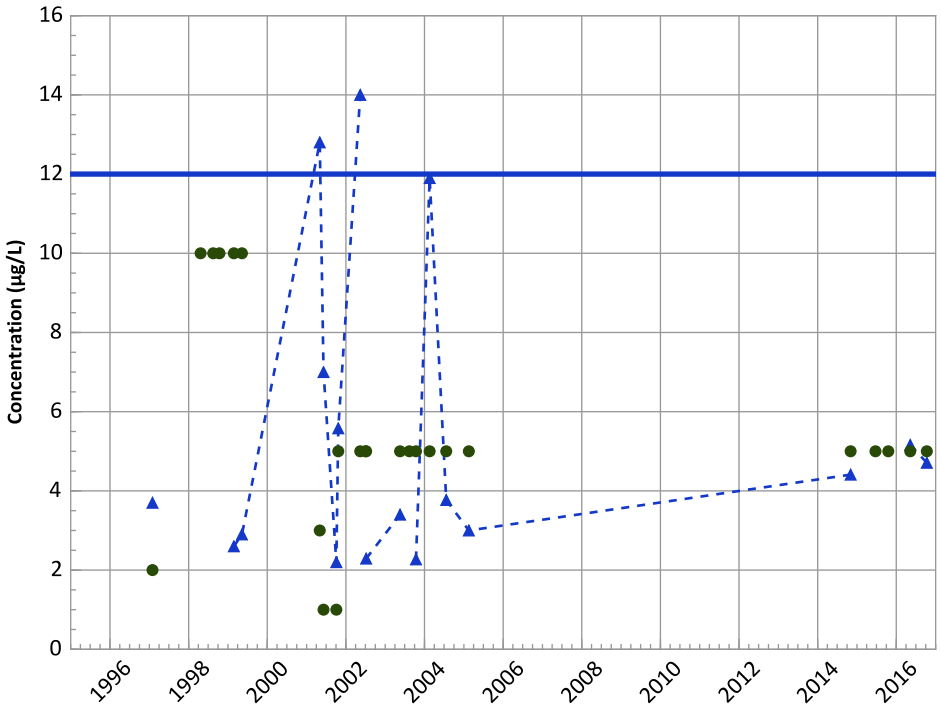
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1033 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

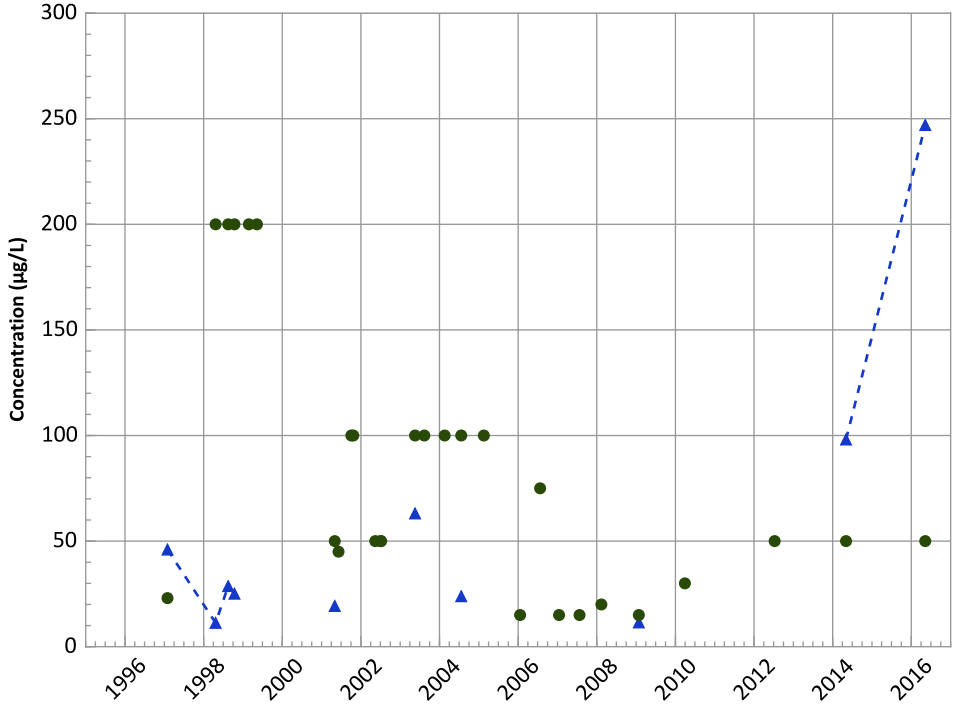


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Aluminum Trend



Concentration Trend

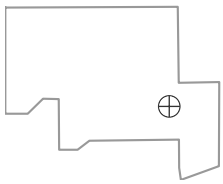
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/30/1997 to 10/11/2016
Analysis Date: 03/07/2017

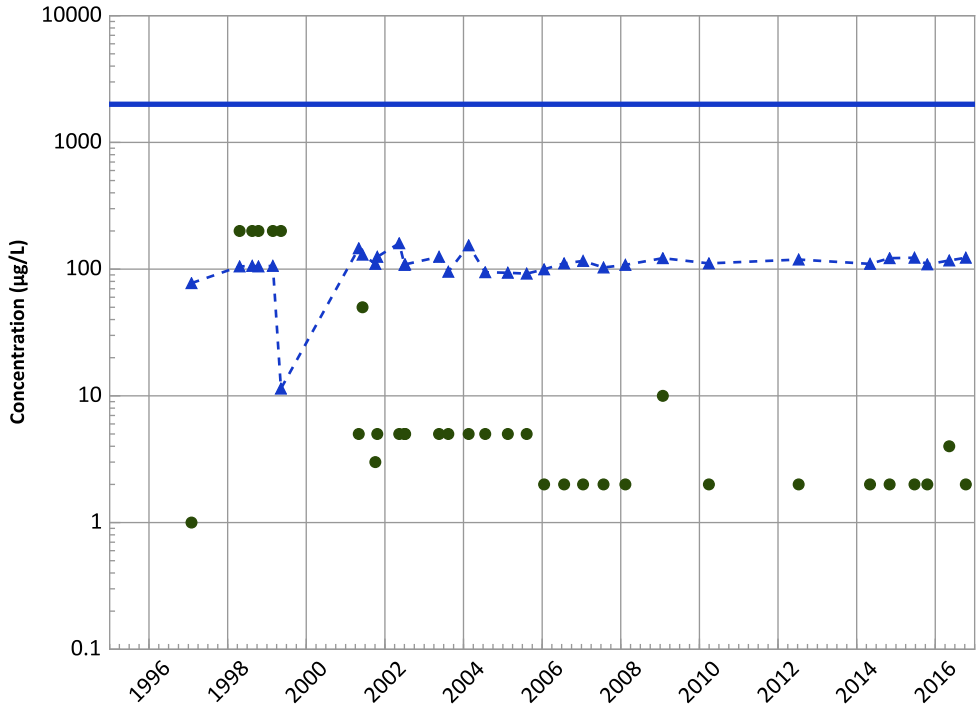
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1033 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

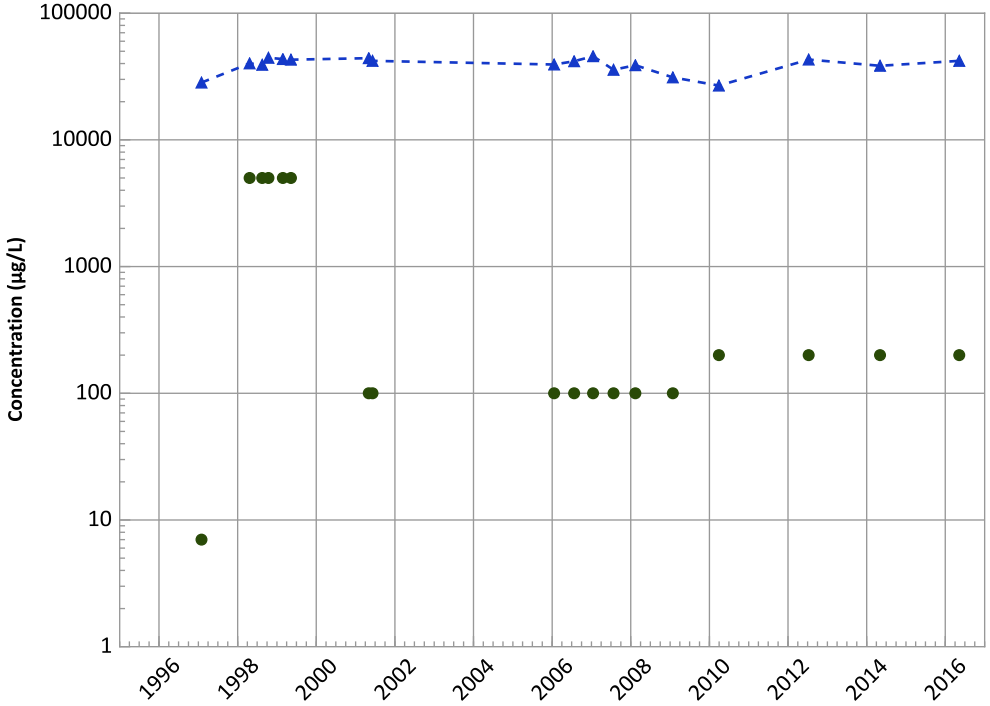


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

Calcium Trend



Concentration Trend

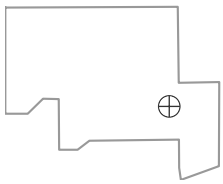
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/30/1997 to 10/11/2016
Analysis Date: 03/07/2017

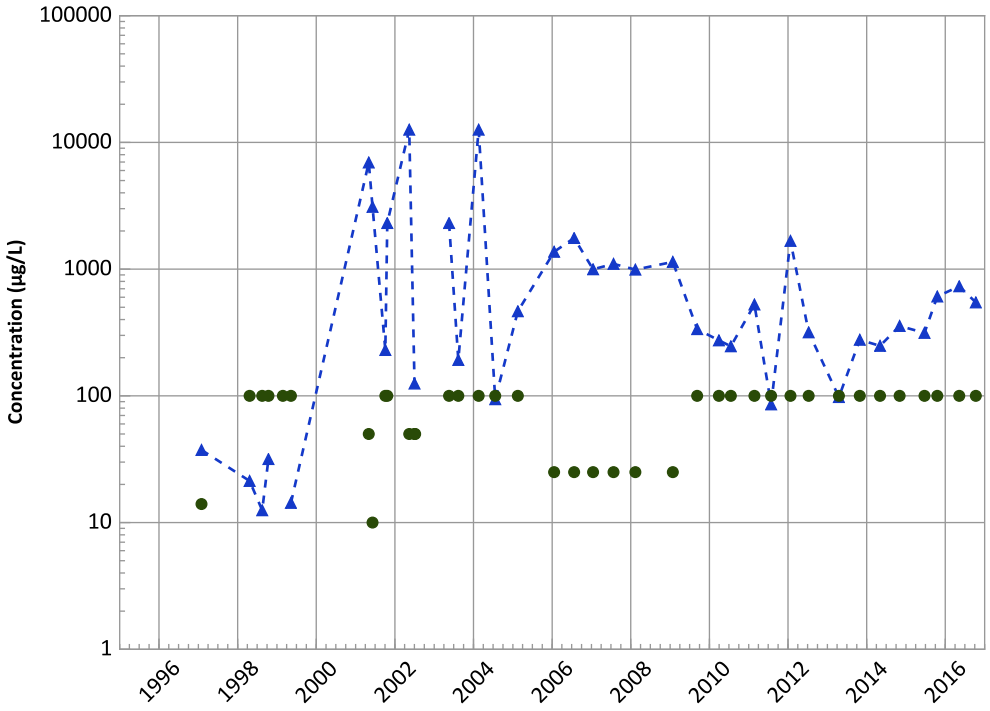
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1033 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

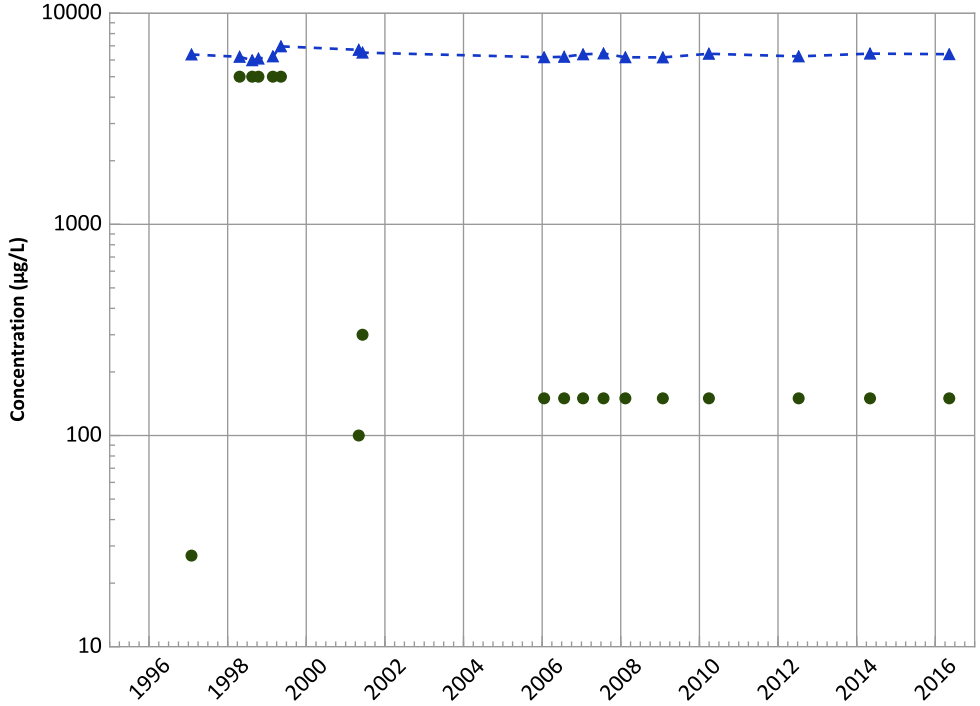


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Potassium Trend



Concentration Trend

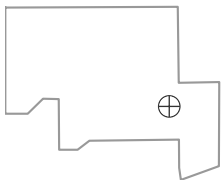
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/30/1997 to 10/11/2016
Analysis Date: 03/07/2017

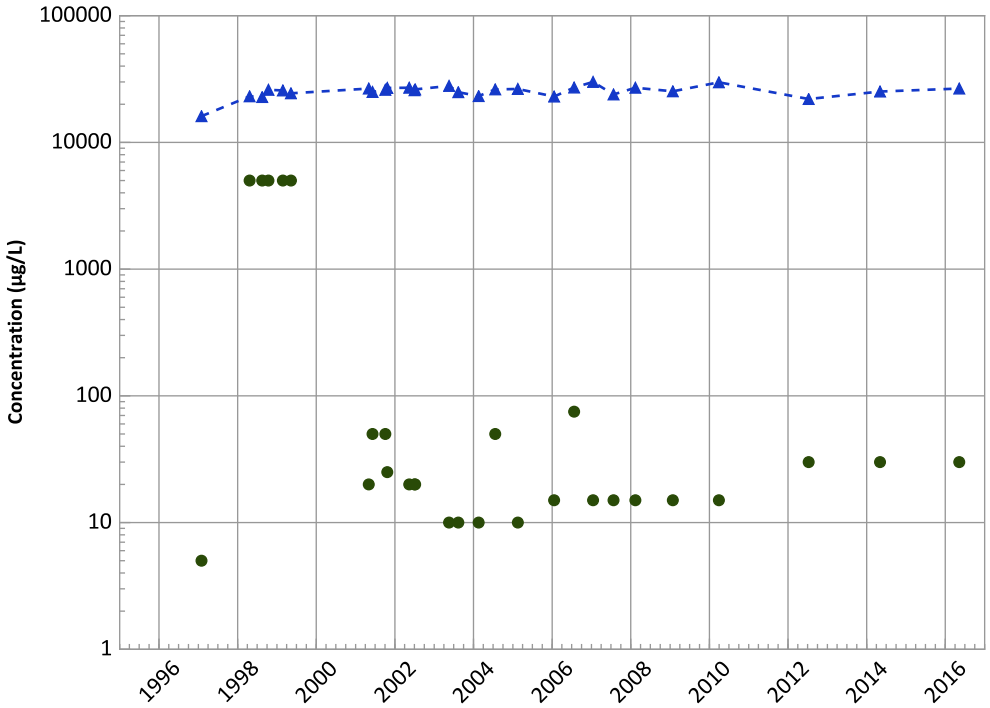
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1033 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

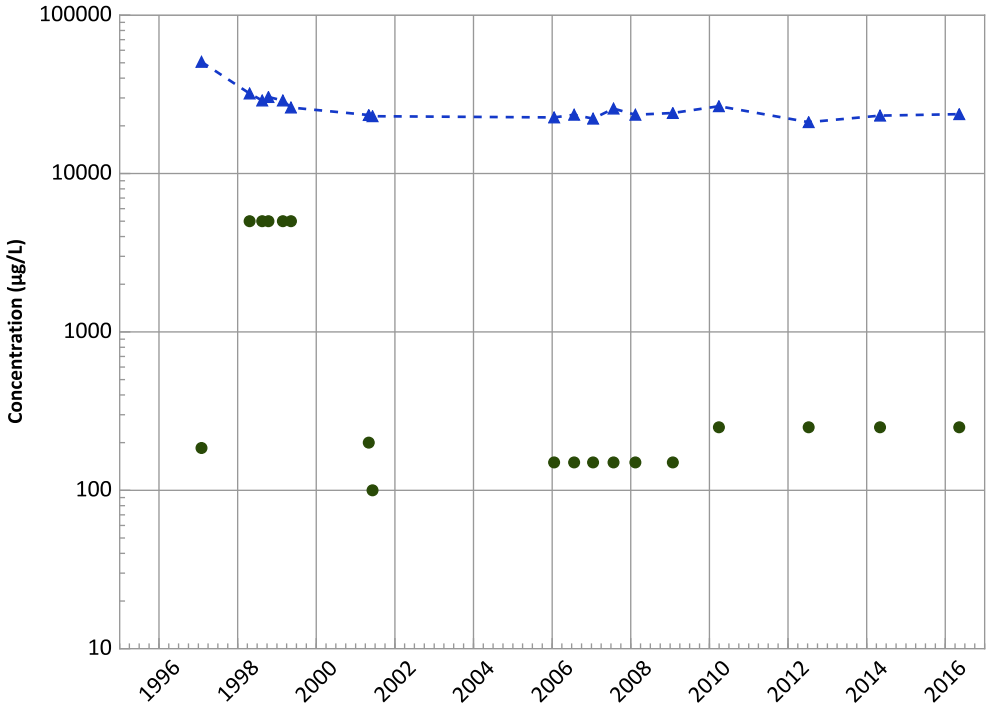


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Increasing

Sodium Trend



Concentration Trend

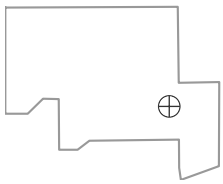
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/30/1997 to 10/11/2016
Analysis Date: 03/07/2017

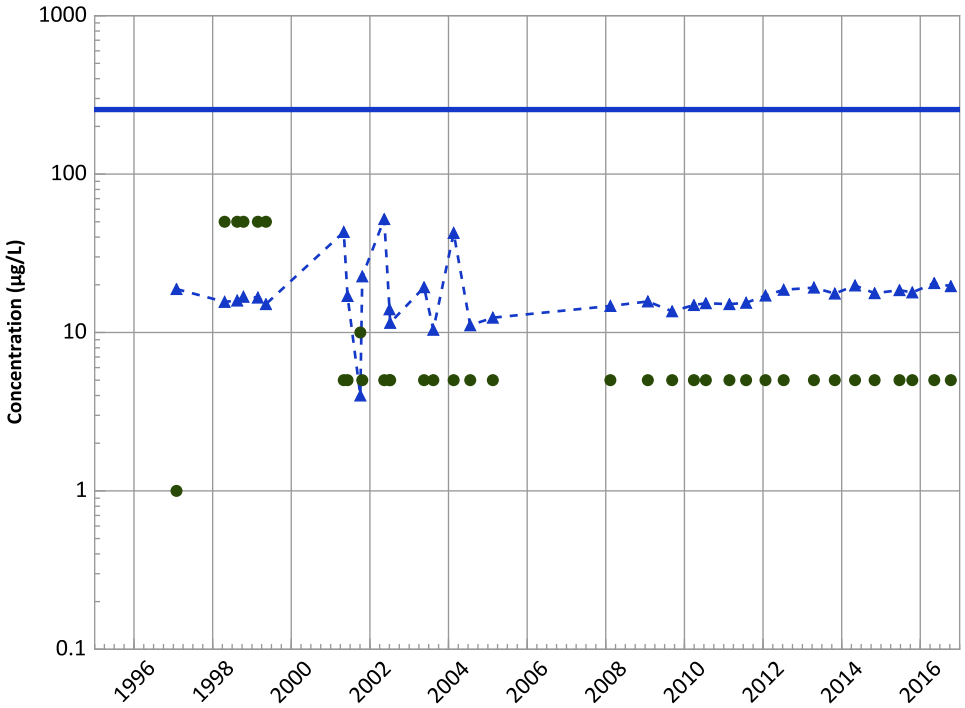
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1033 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

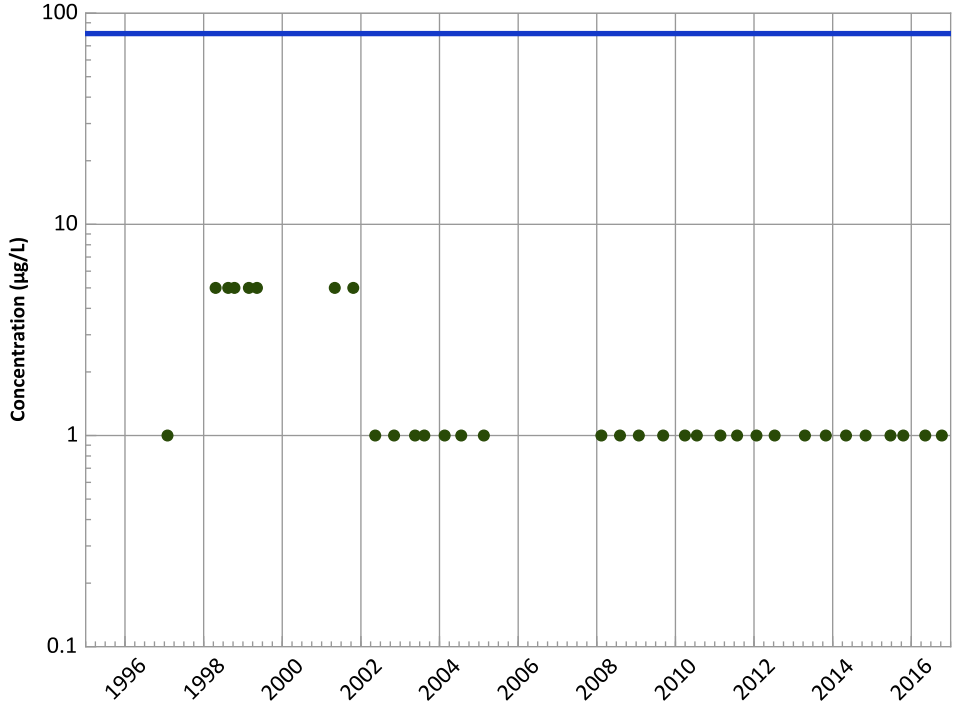


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Chloroform Trend



Concentration Trend

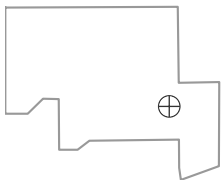
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/30/1997 to 10/11/2016
Analysis Date: 03/07/2017

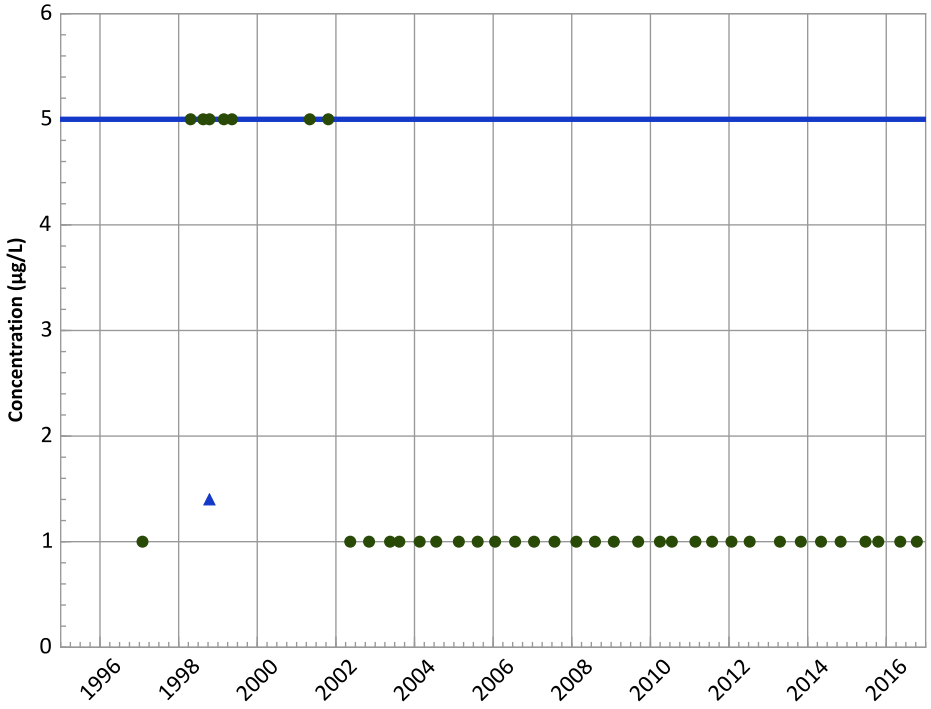
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1033 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

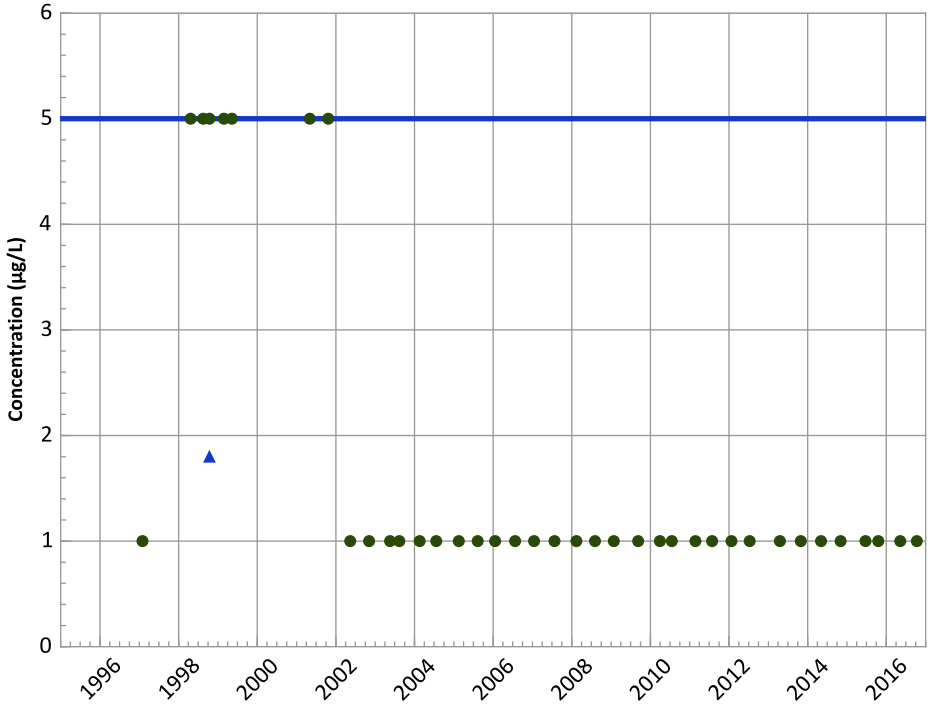


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

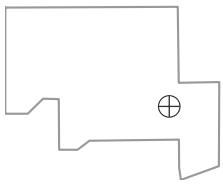
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/30/1997 to 10/11/2016
Analysis Date: 03/07/2017

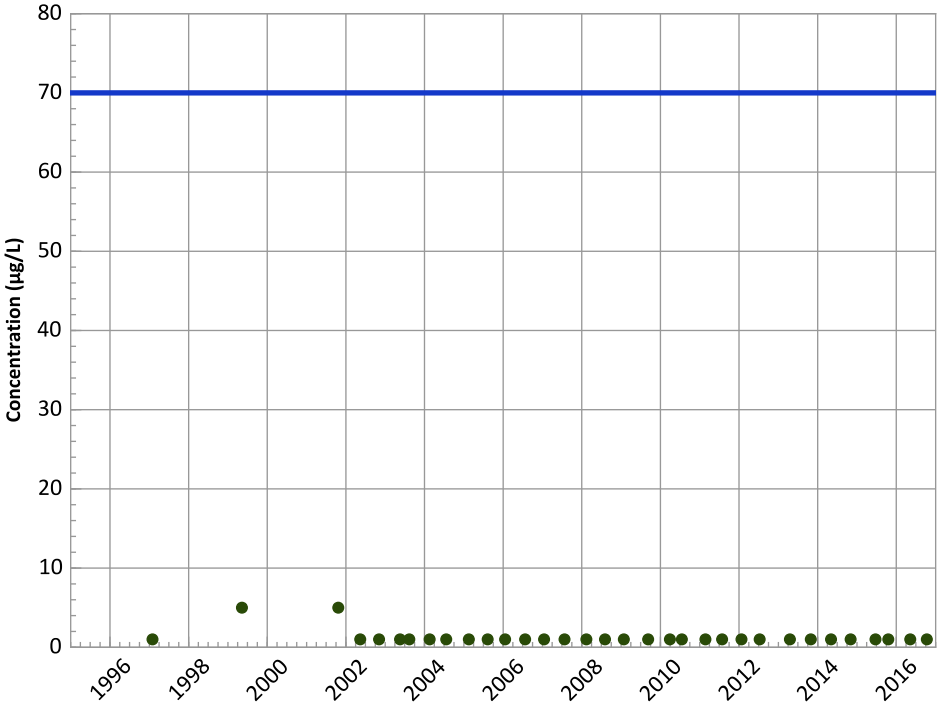
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1033 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

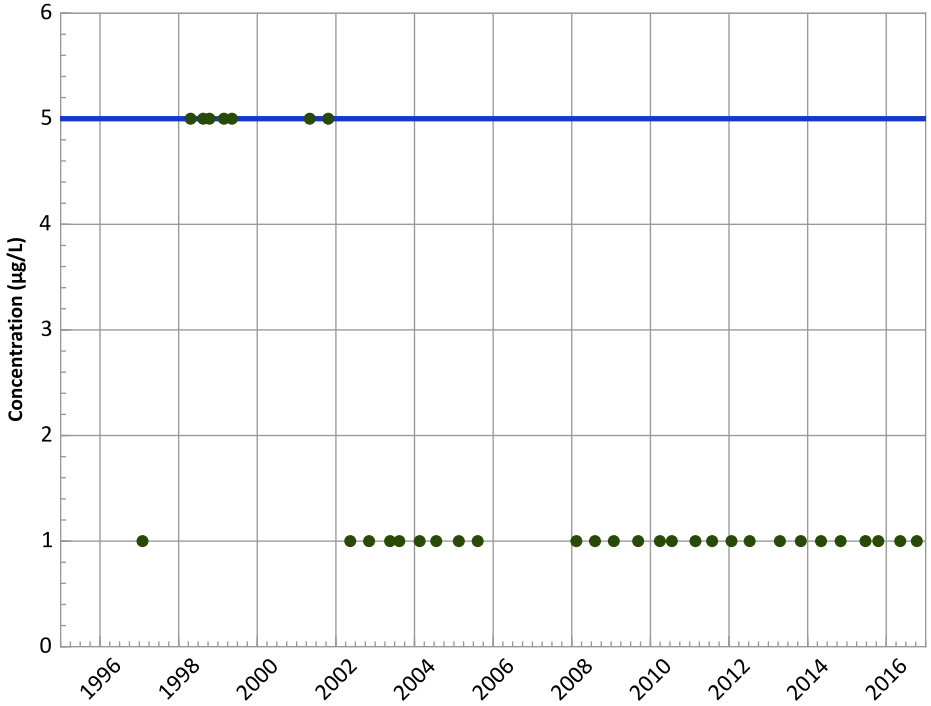


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

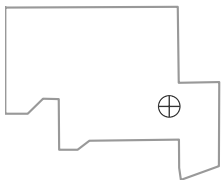
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/30/1997 to 10/11/2016
Analysis Date: 03/07/2017

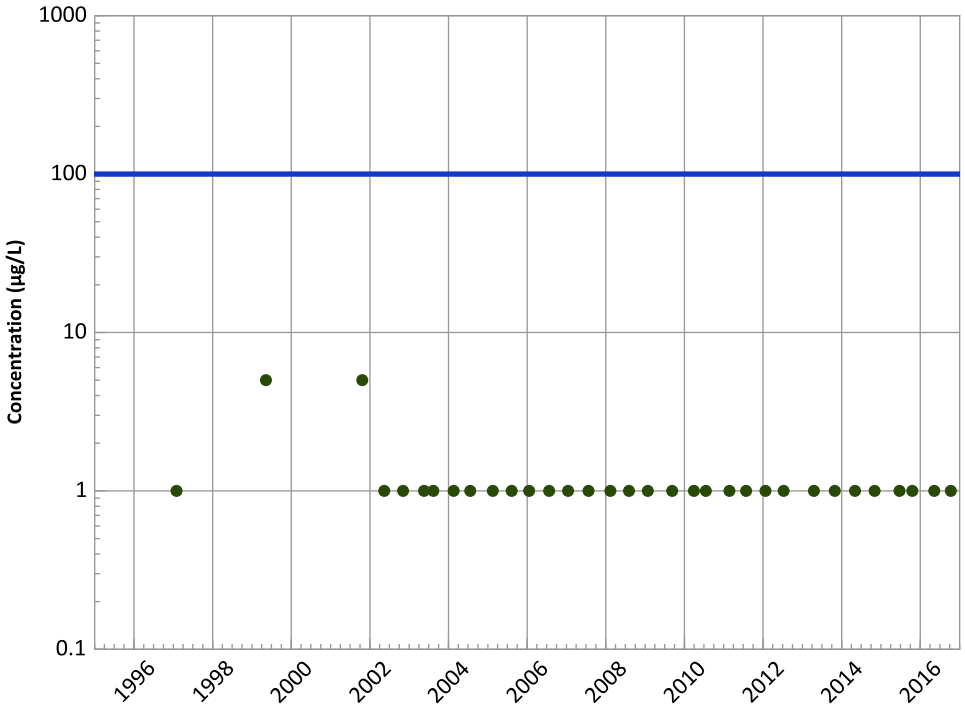
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1033 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

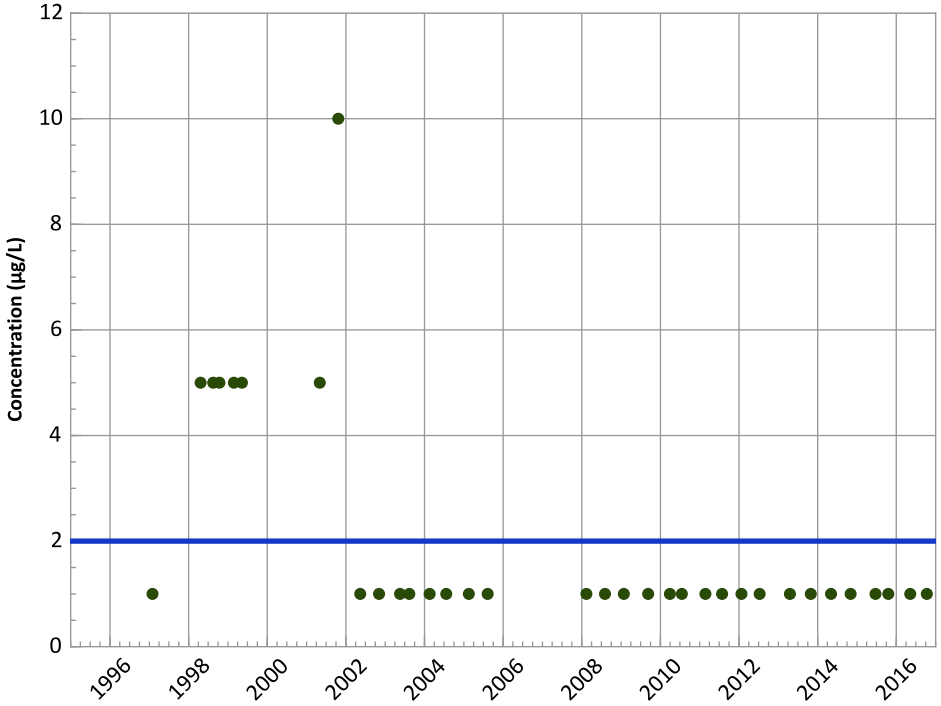


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

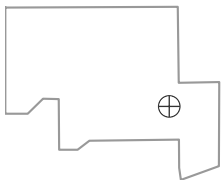
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

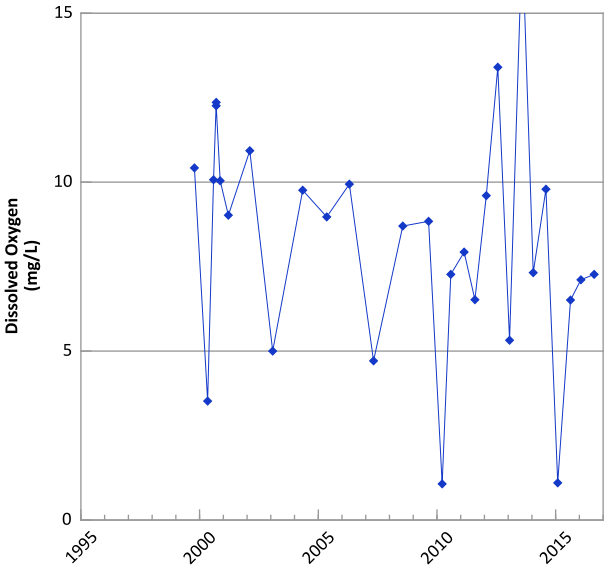
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 01/30/1997 to 10/11/2016
Analysis Date: 03/07/2017

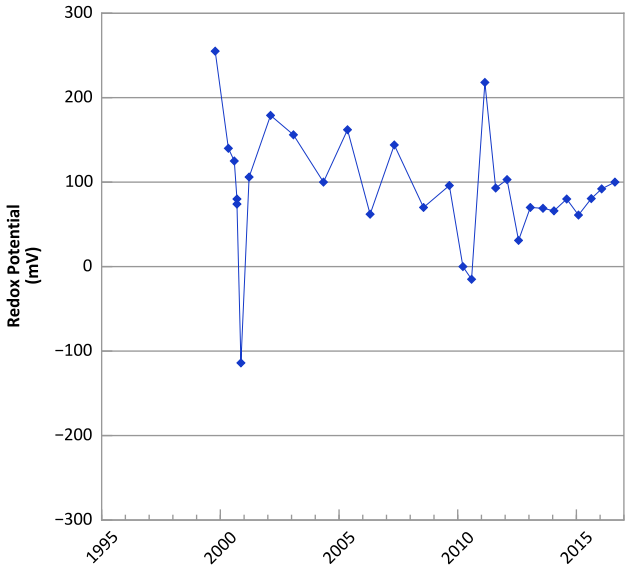
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

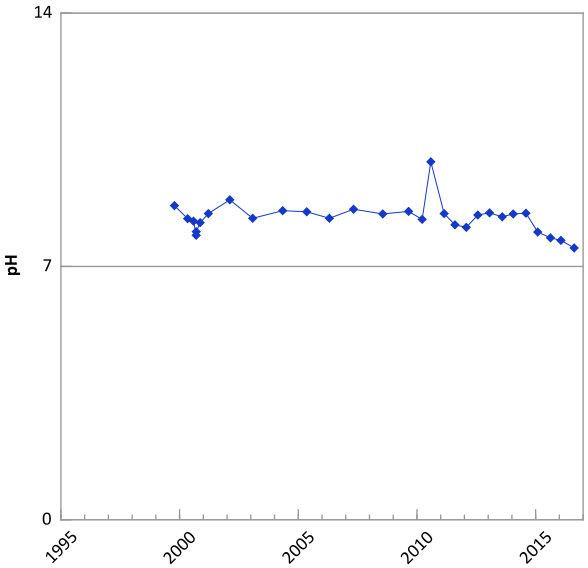
Well Location

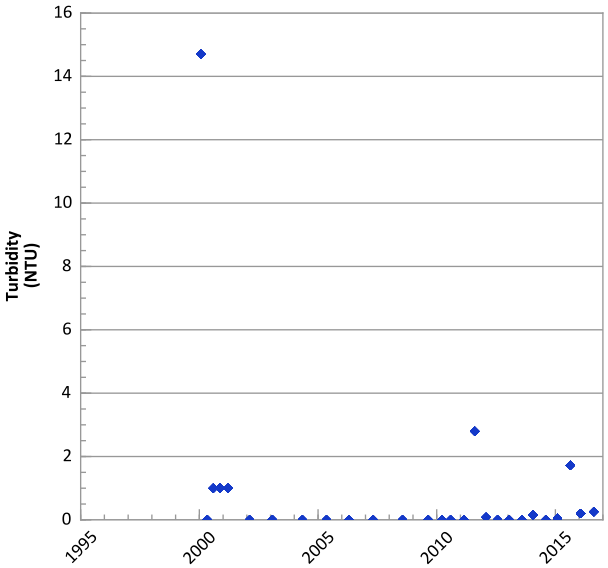


PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



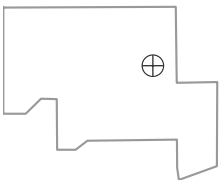






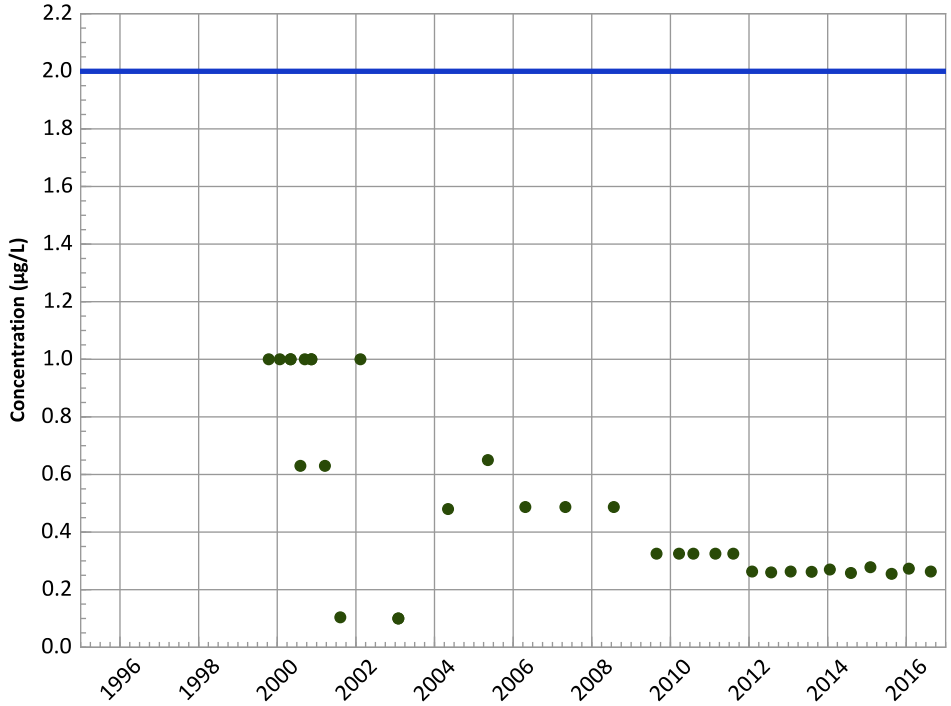
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/1999 to 08/16/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

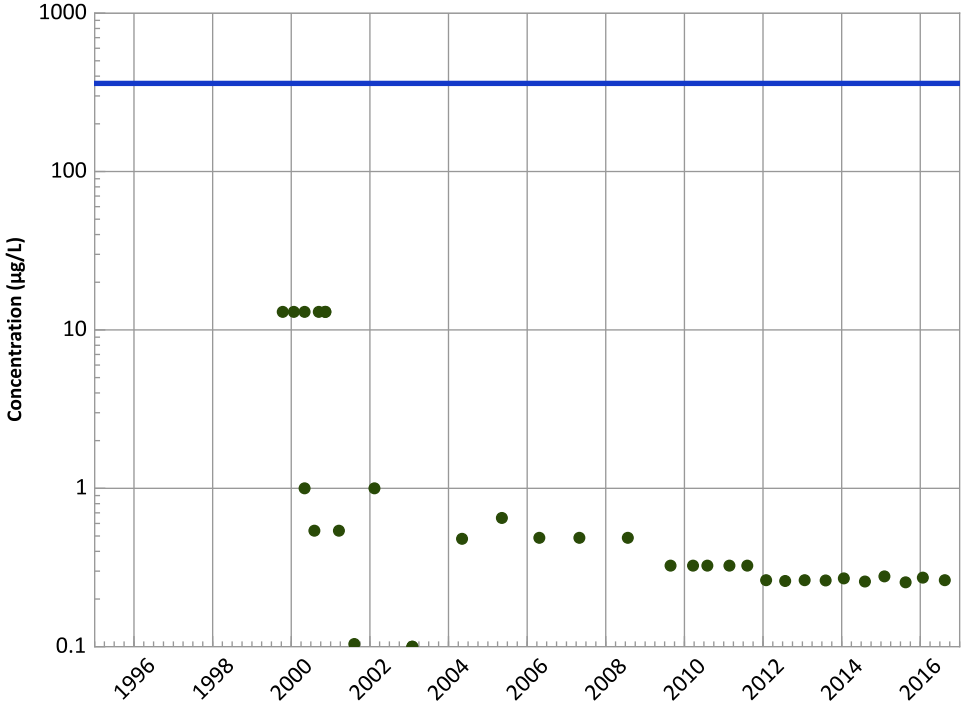


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

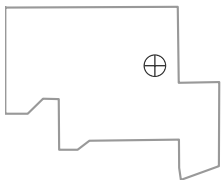
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/1999 to 08/16/2016
Analysis Date: 03/07/2017

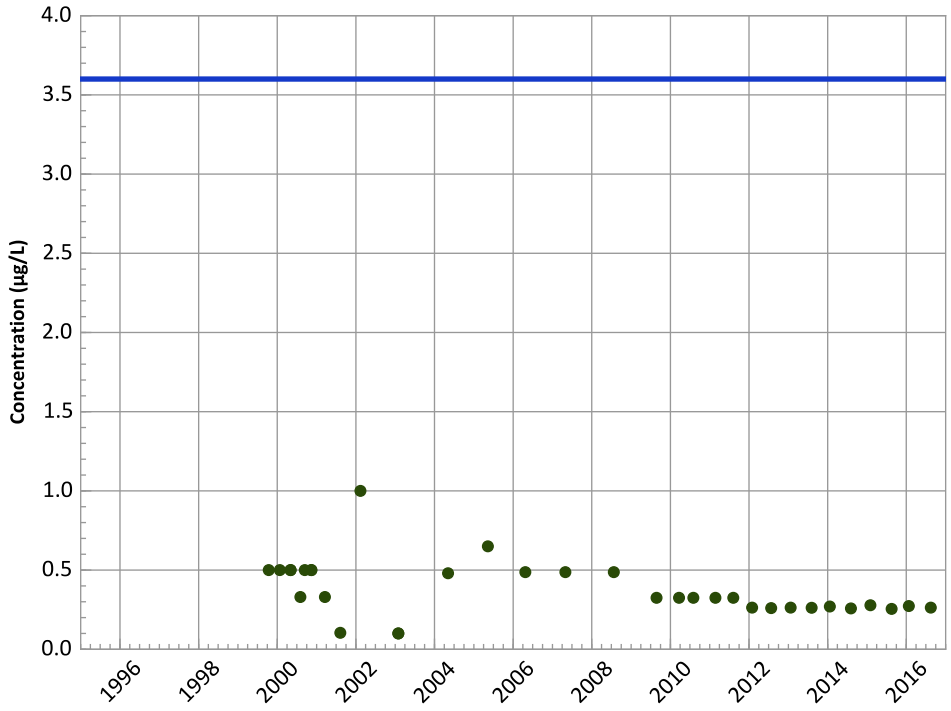
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

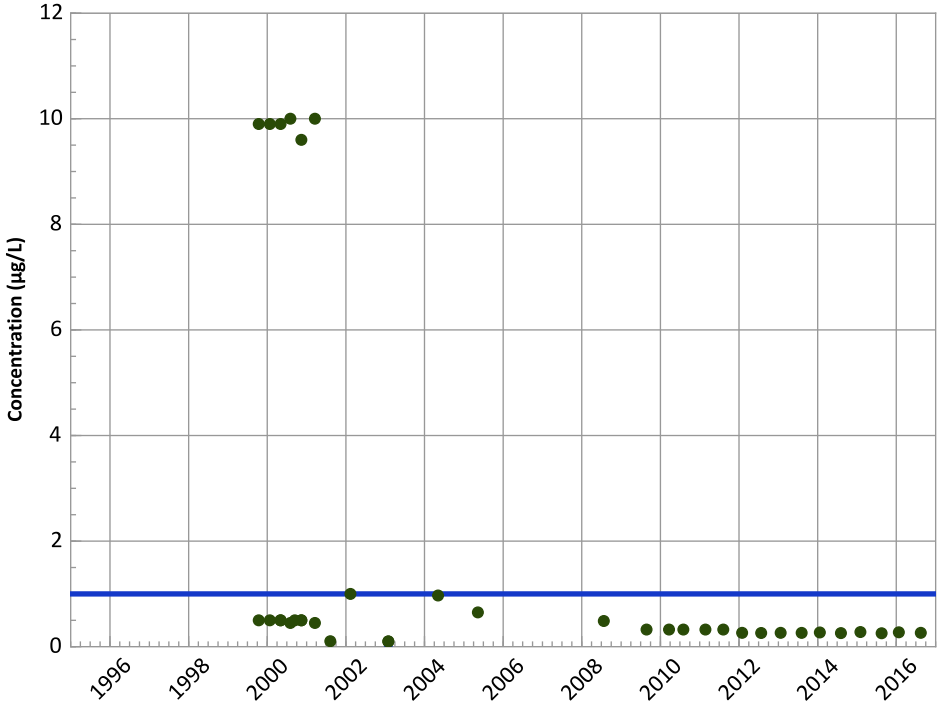


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

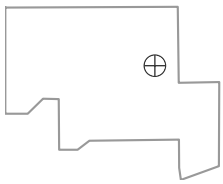
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/1999 to 08/16/2016
Analysis Date: 03/07/2017

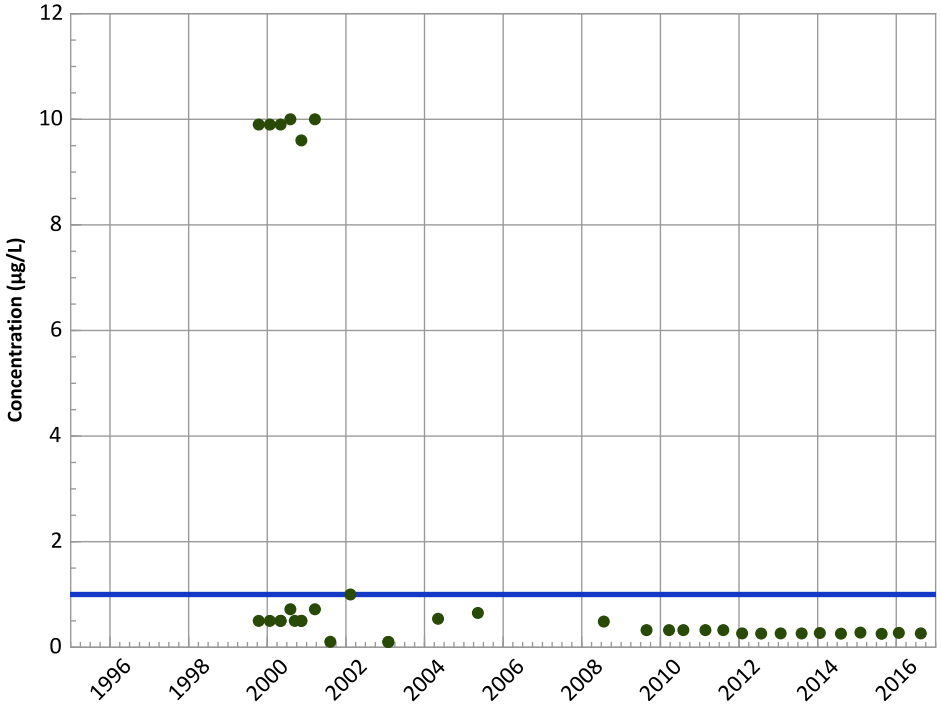
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

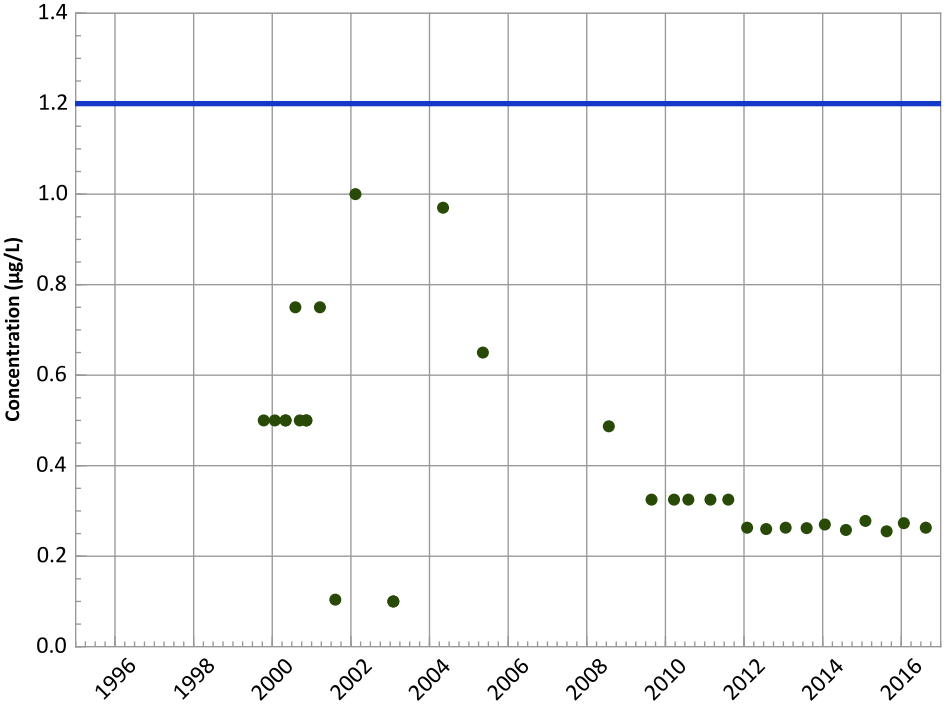


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

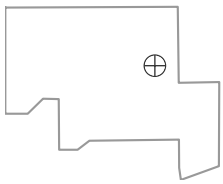
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/1999 to 08/16/2016
Analysis Date: 03/07/2017

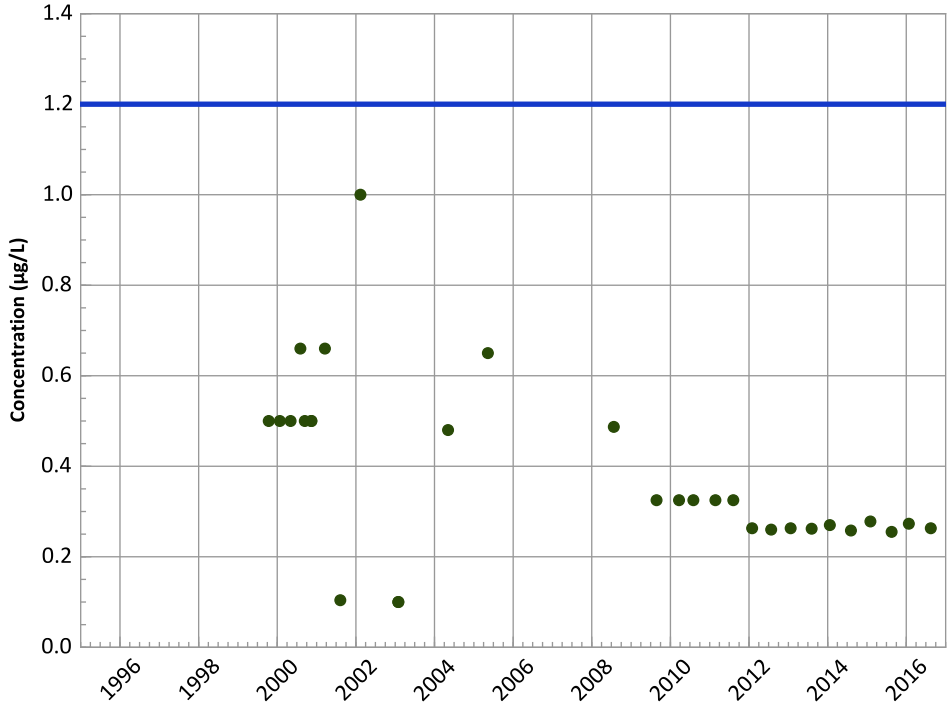
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

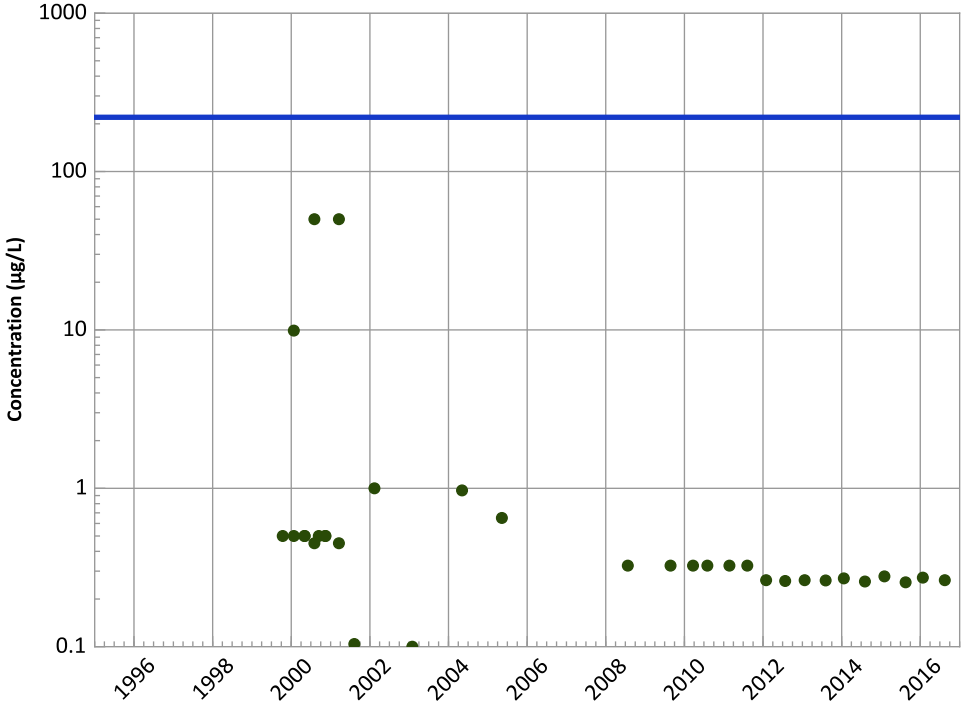


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

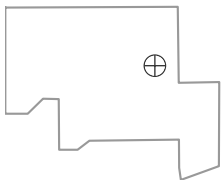
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/1999 to 08/16/2016
Analysis Date: 03/07/2017

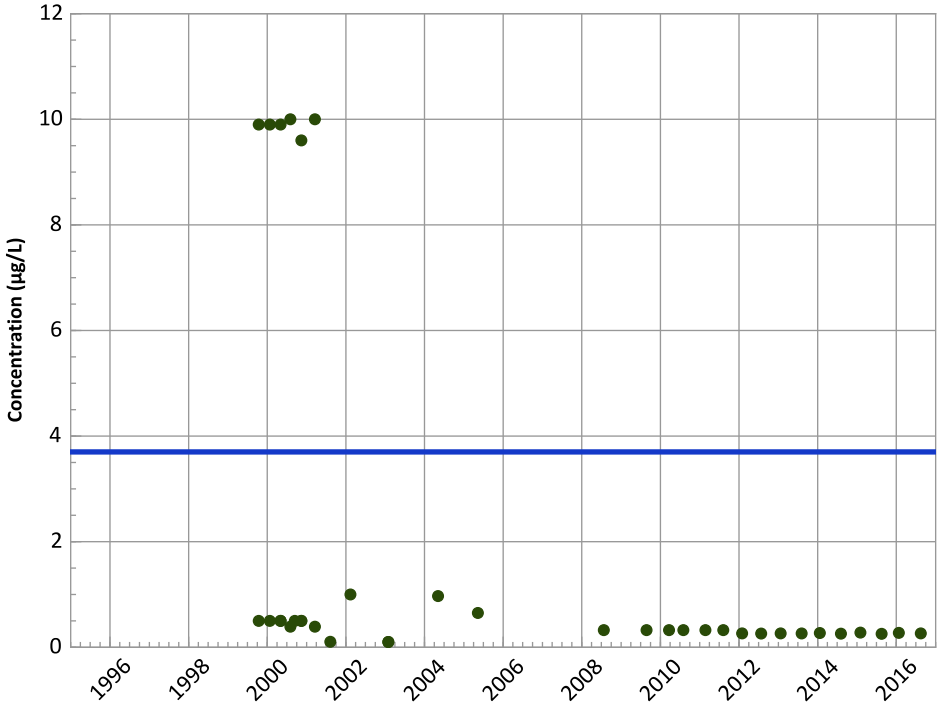
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

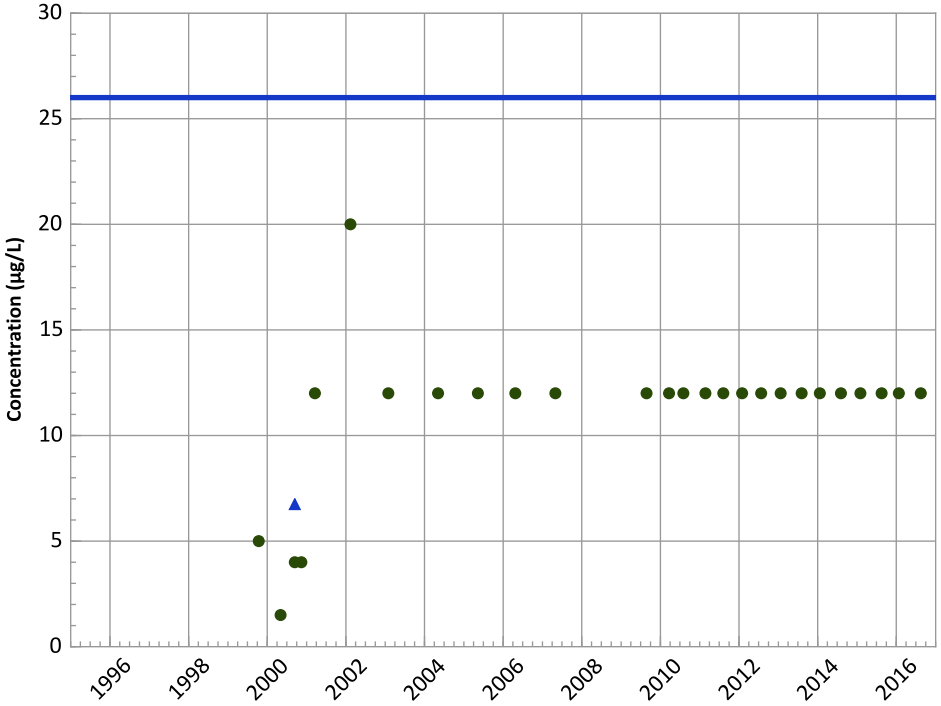


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

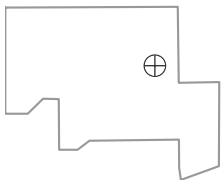
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/1999 to 08/16/2016
Analysis Date: 03/07/2017

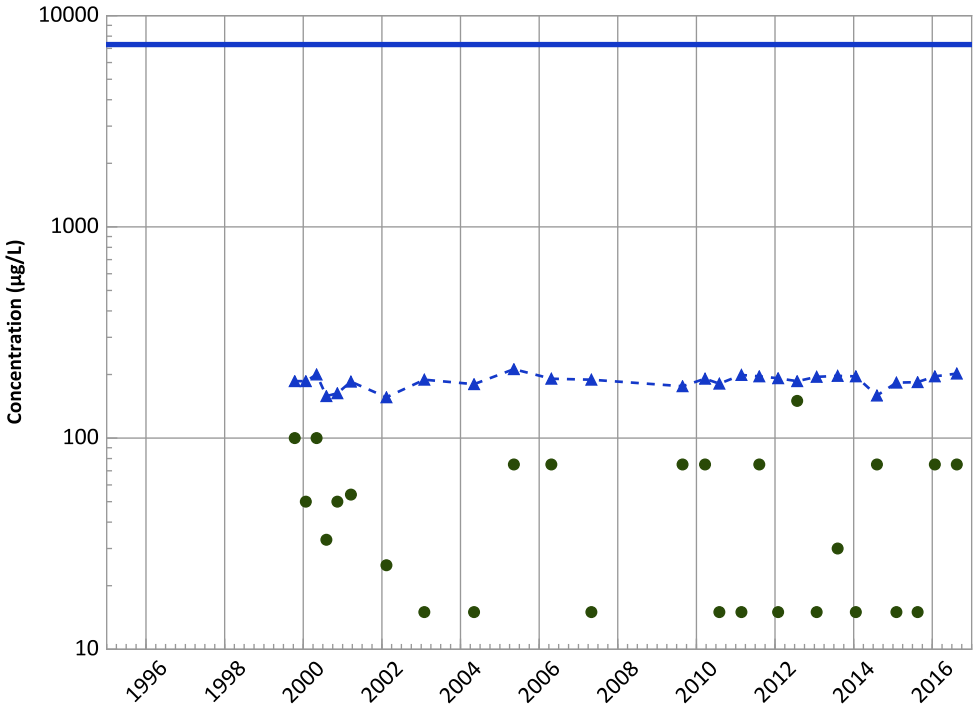
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

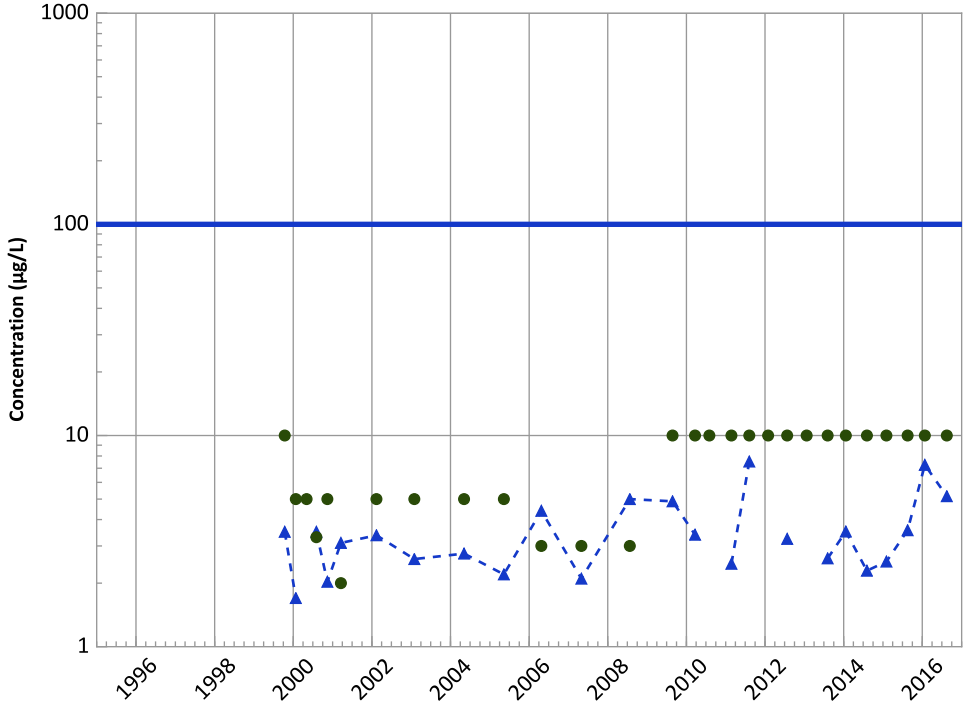


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Probably Increasing

Chromium, Total Trend



Concentration Trend

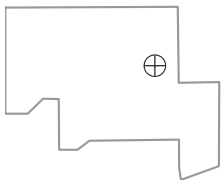
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/1999 to 08/16/2016
Analysis Date: 03/07/2017

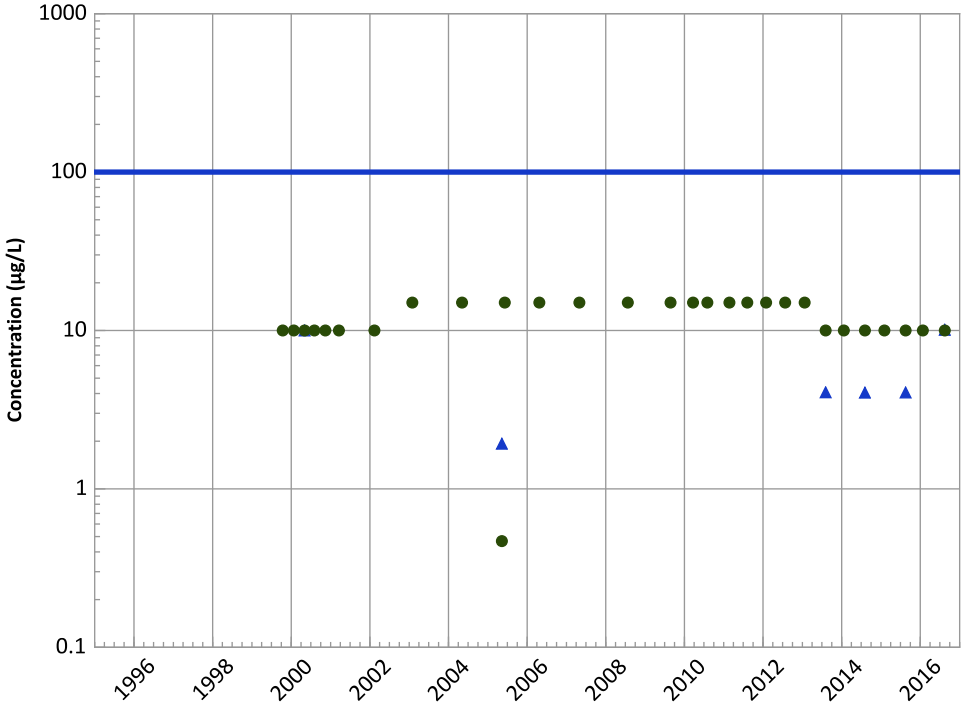
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

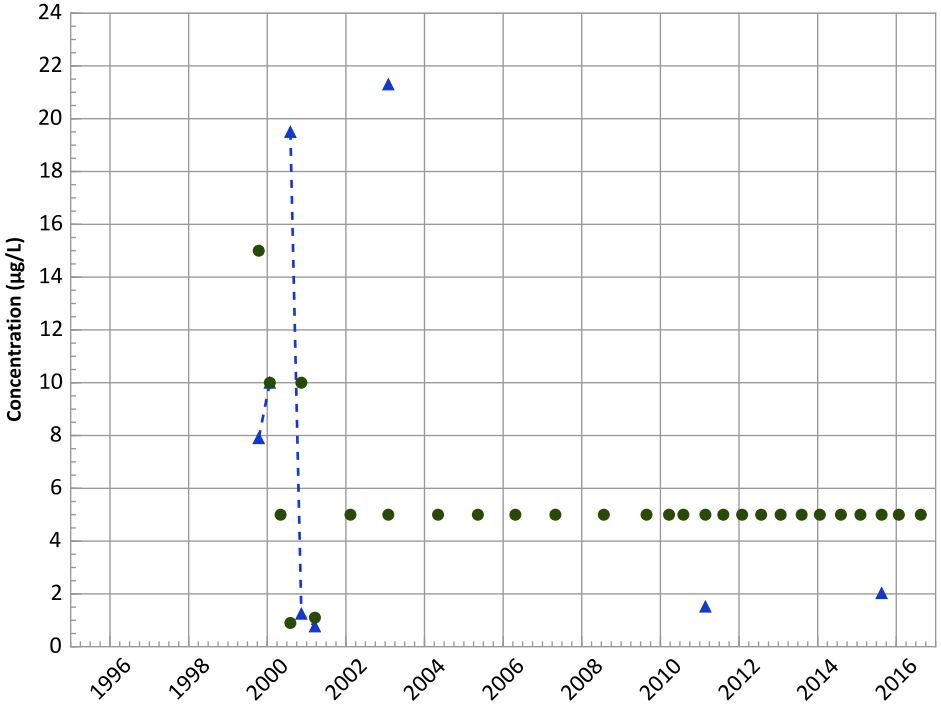


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Manganese Trend



Concentration Trend

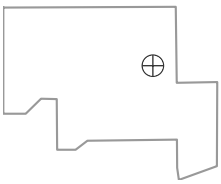
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/1999 to 08/16/2016
Analysis Date: 03/07/2017

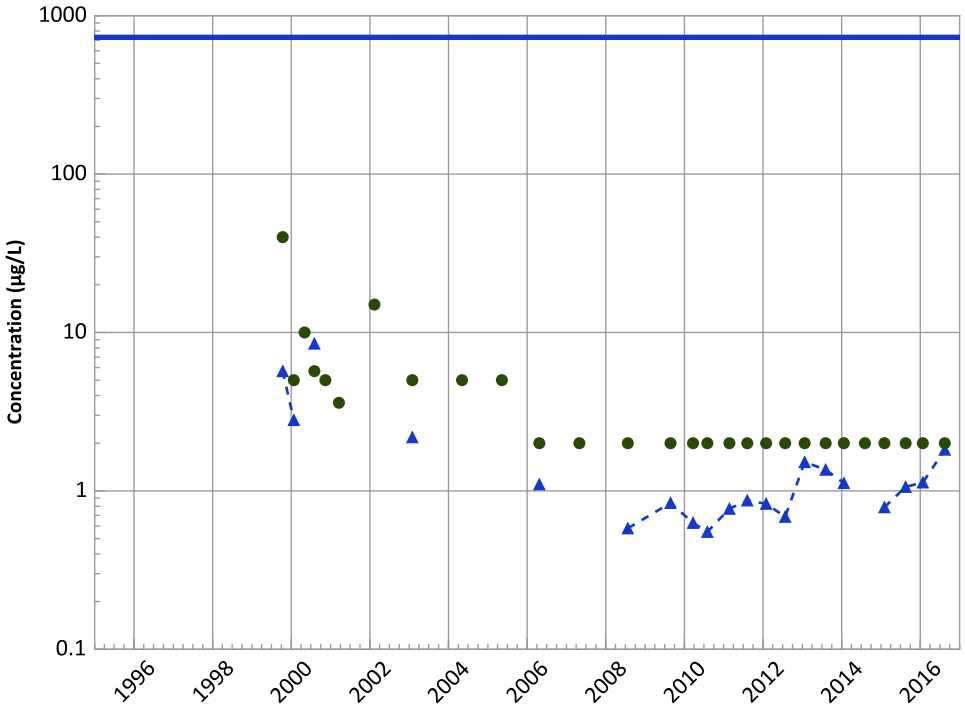
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

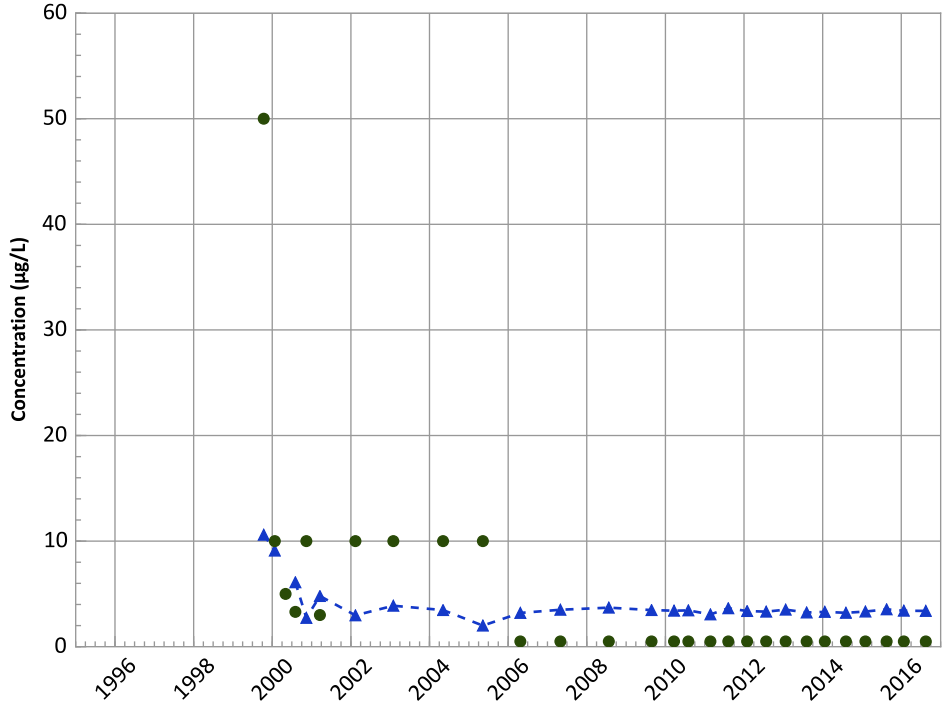


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Molybdenum Trend



Concentration Trend

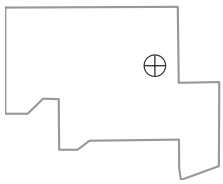
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/1999 to 08/16/2016
Analysis Date: 03/07/2017

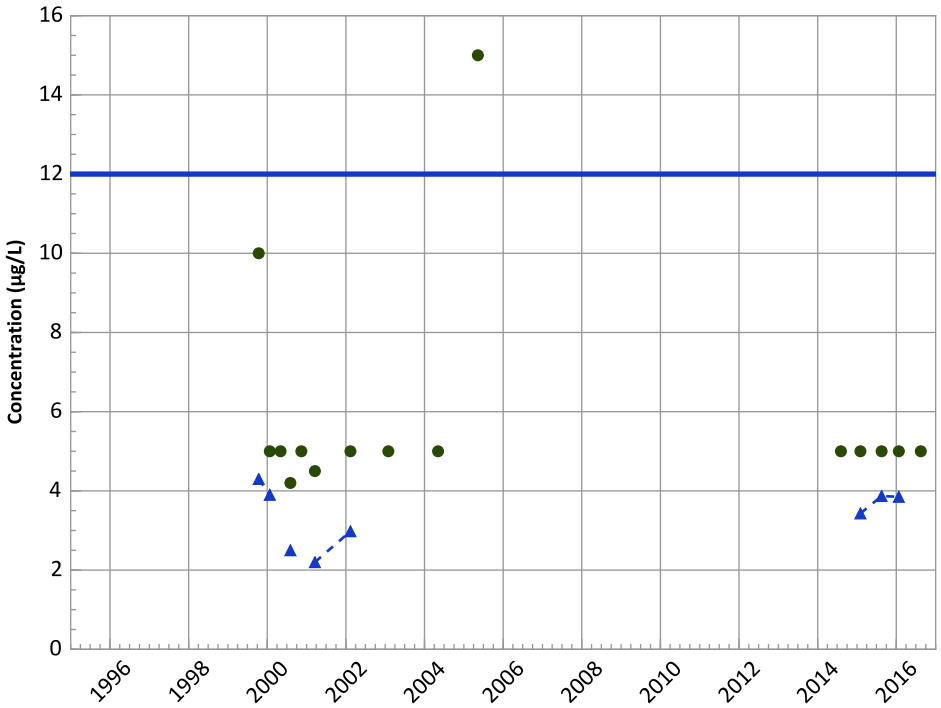
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

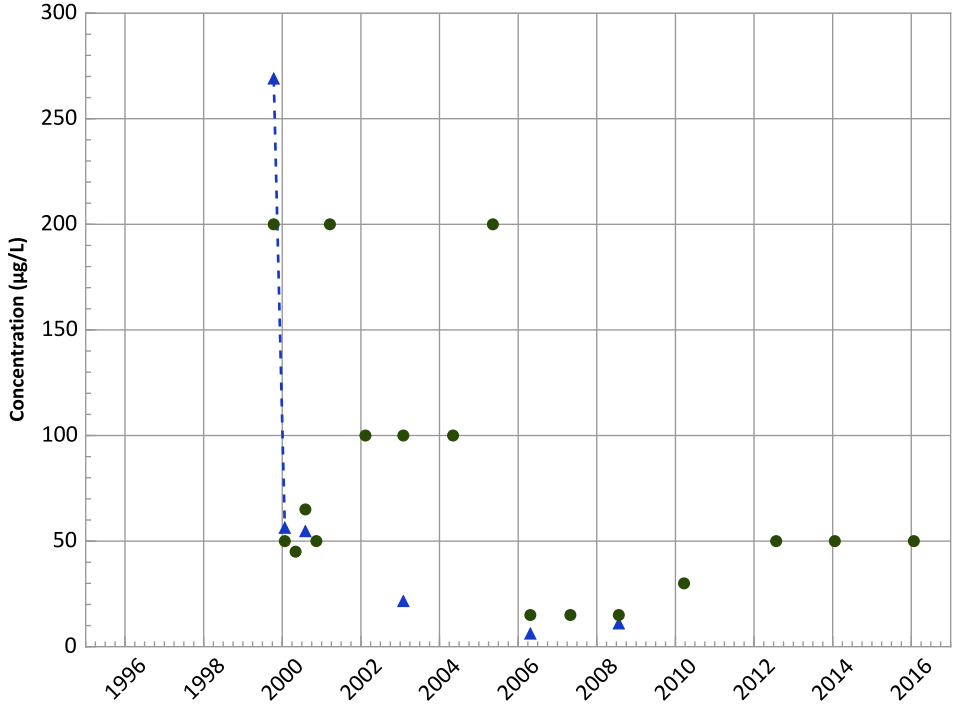


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Aluminum Trend



Concentration Trend

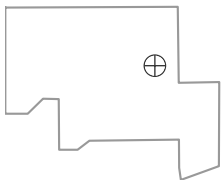
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/1999 to 08/16/2016
Analysis Date: 03/07/2017

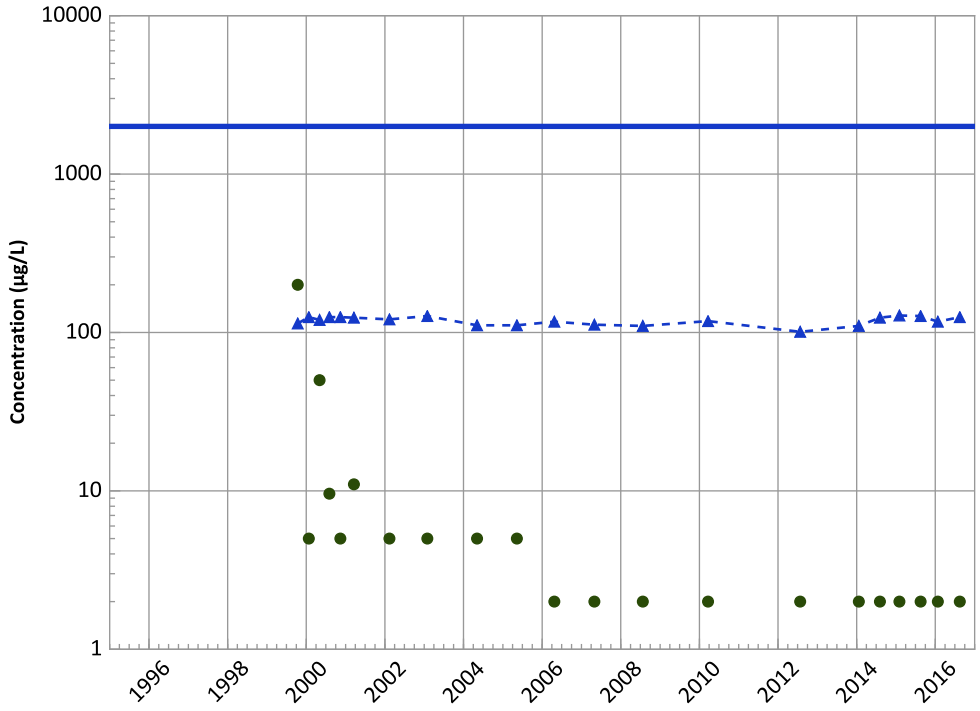
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

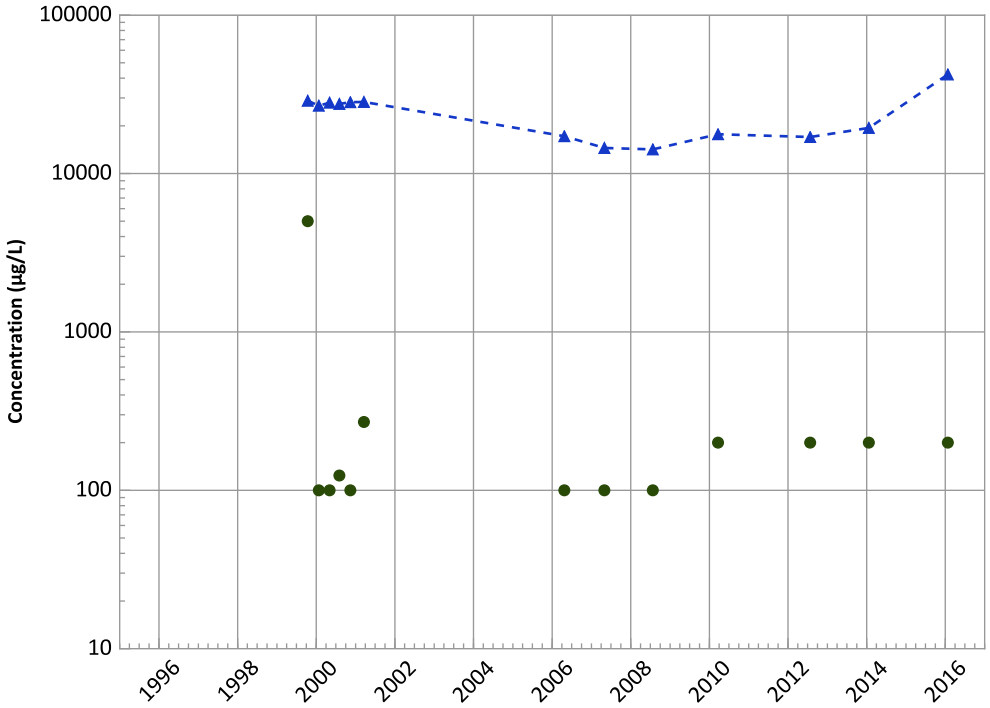


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Calcium Trend



Concentration Trend

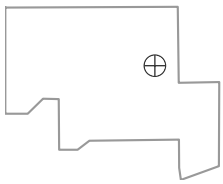
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/1999 to 08/16/2016
Analysis Date: 03/07/2017

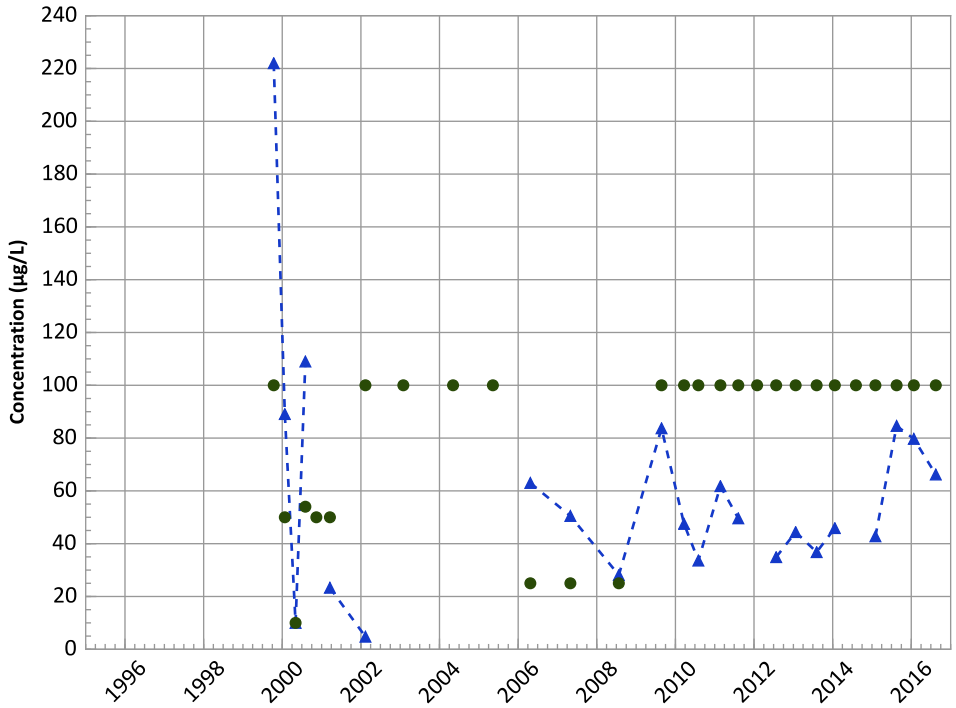
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

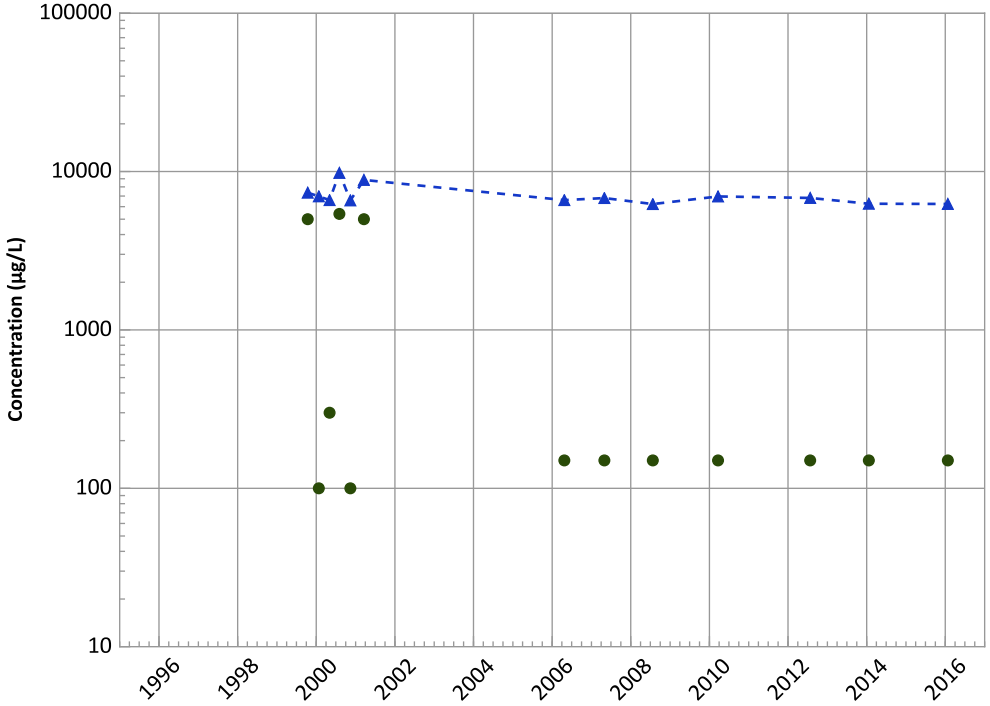


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Potassium Trend



Concentration Trend

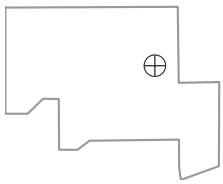
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/1999 to 08/16/2016
Analysis Date: 03/07/2017

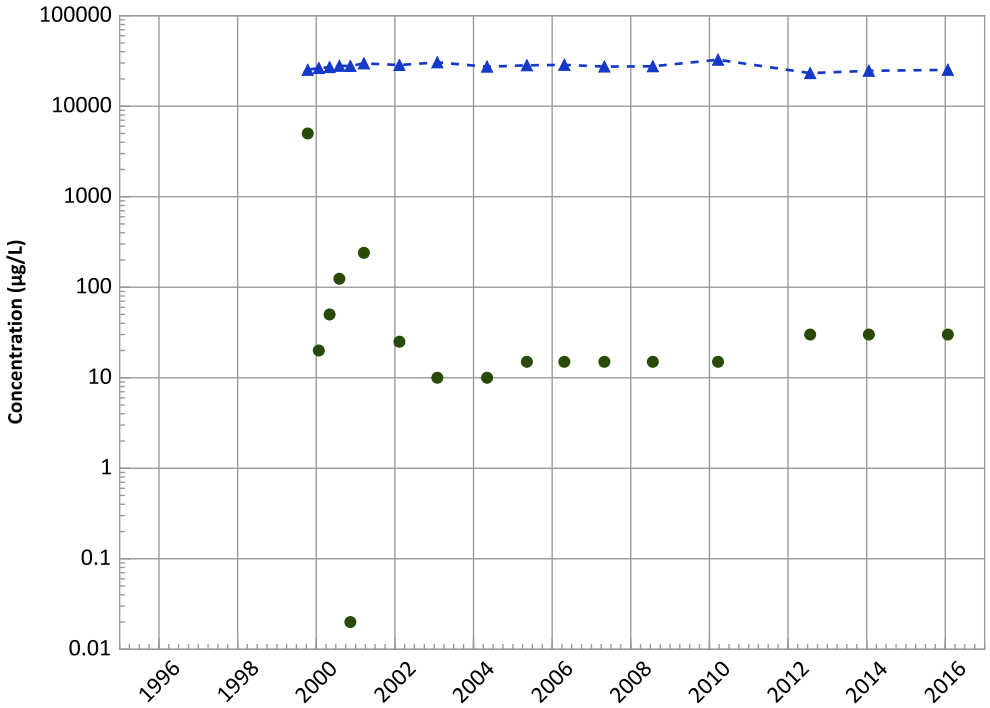
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

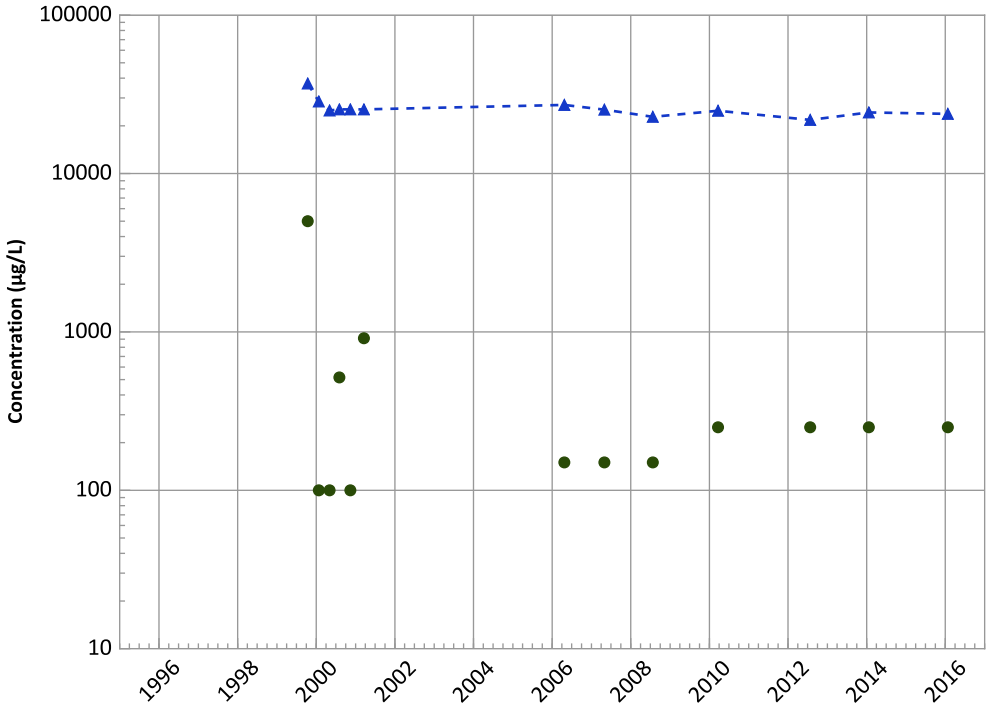


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Sodium Trend



Concentration Trend

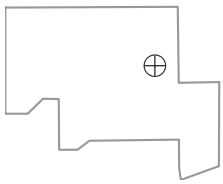
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/1999 to 08/16/2016
Analysis Date: 03/07/2017

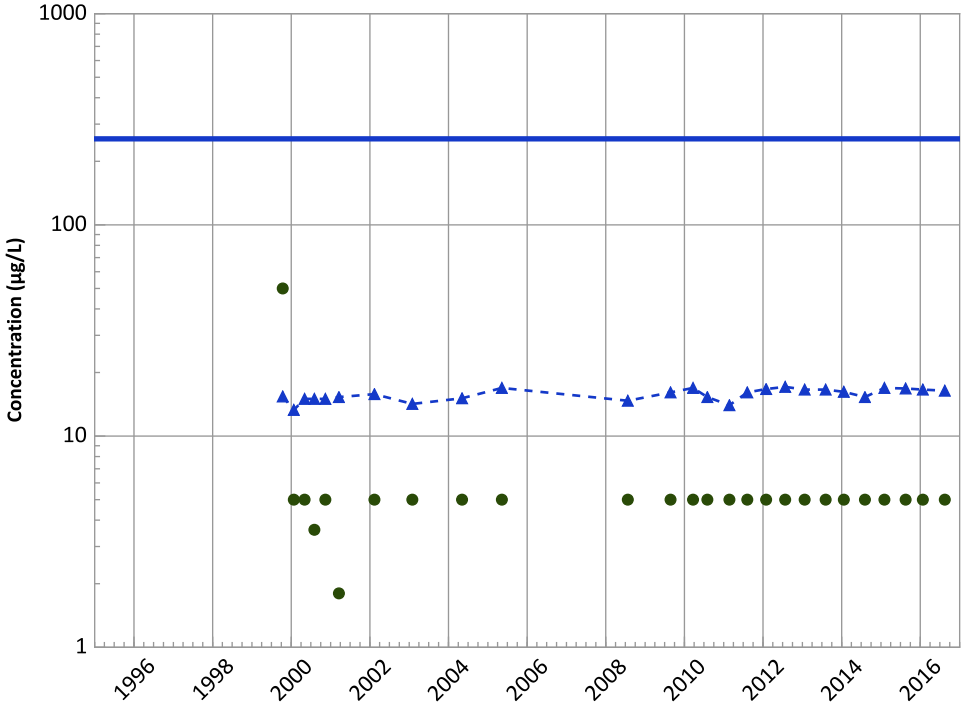
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
━ Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

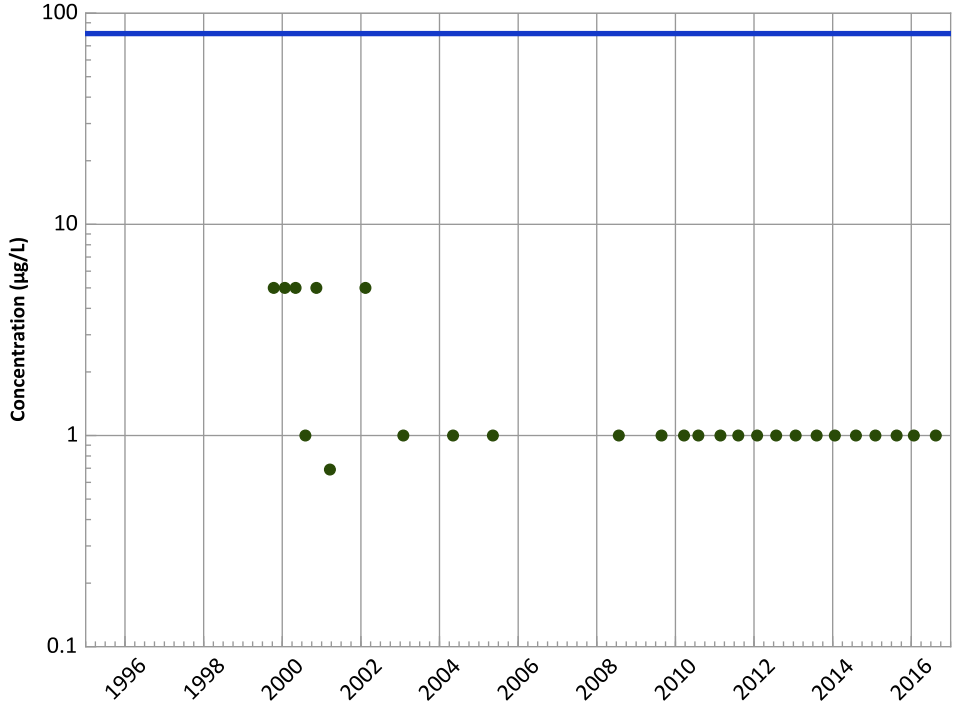


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Chloroform Trend



Concentration Trend

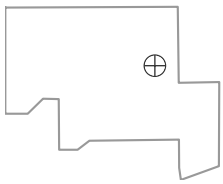
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/1999 to 08/16/2016
Analysis Date: 03/07/2017

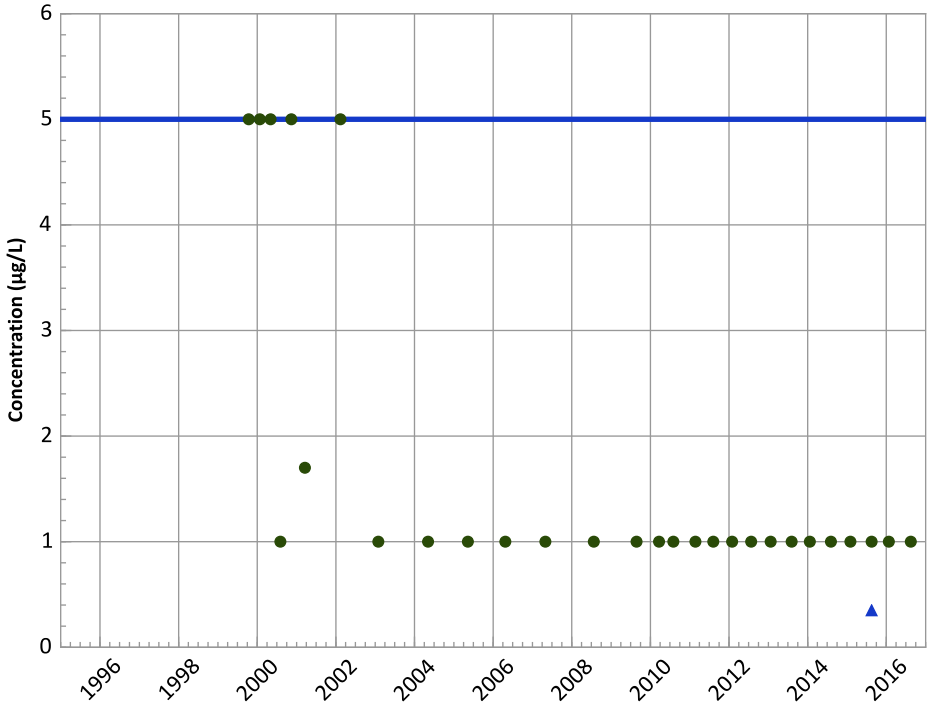
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

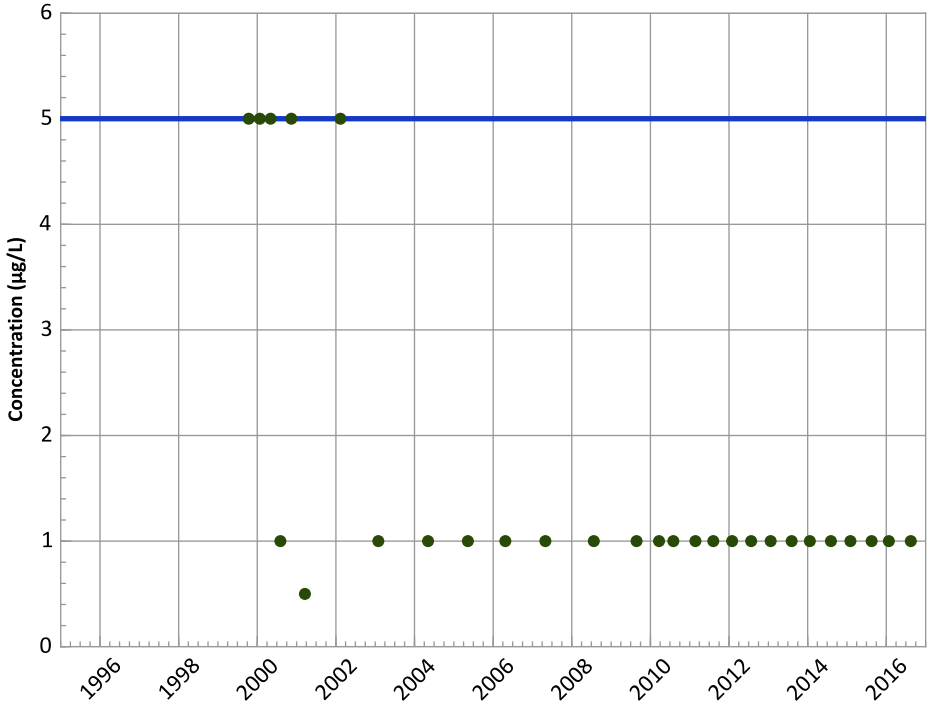


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Trichloroethene Trend

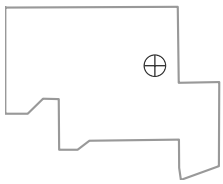


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Well Location

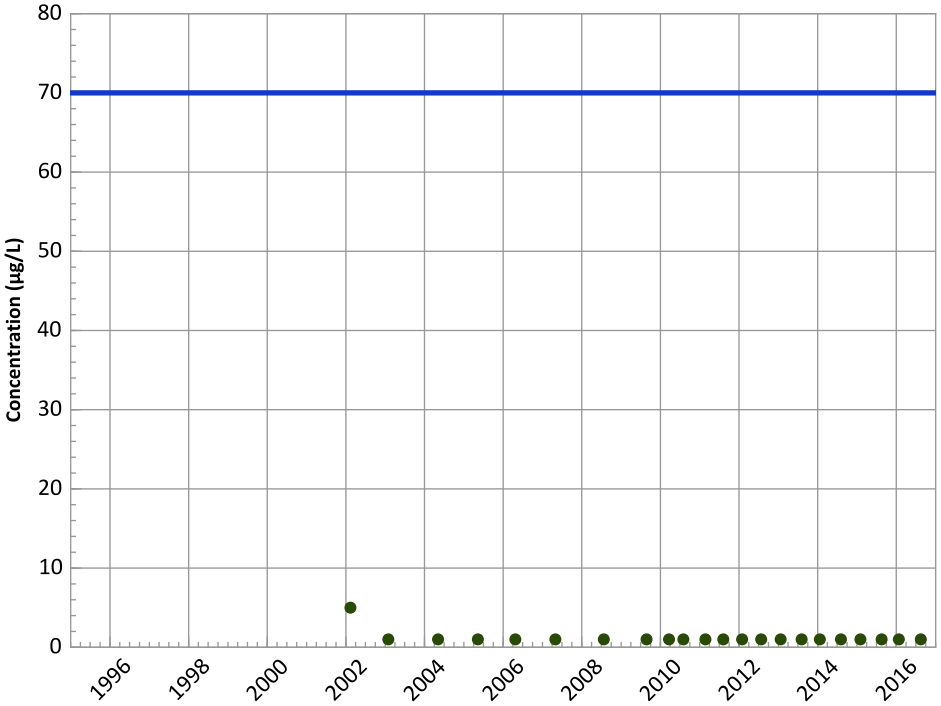


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/1999 to 08/16/2016
Analysis Date: 03/07/2017

▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

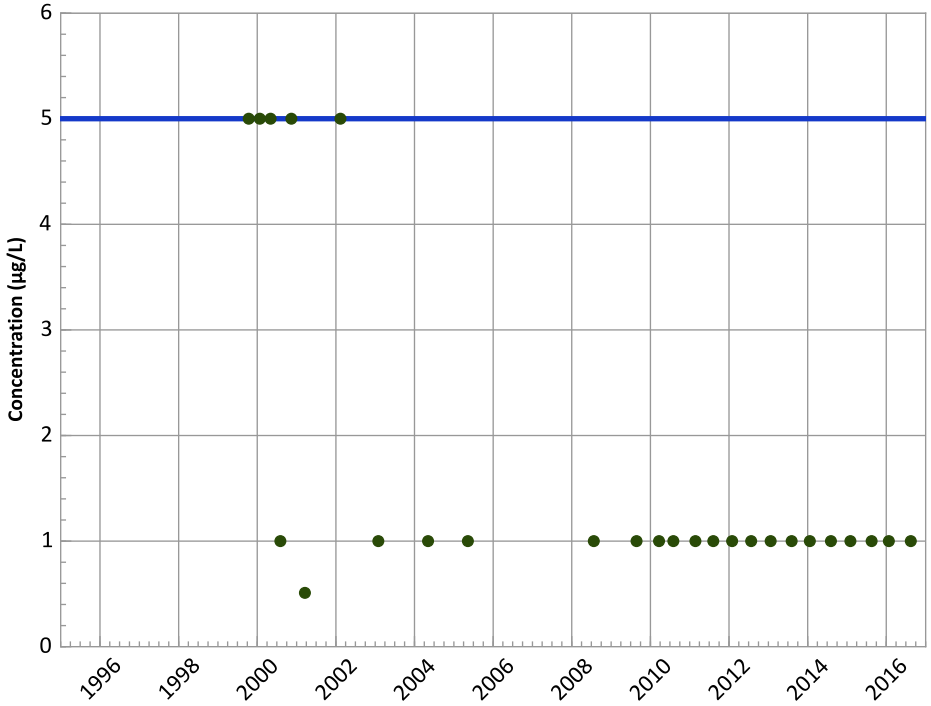


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

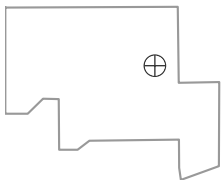
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/1999 to 08/16/2016
Analysis Date: 03/07/2017

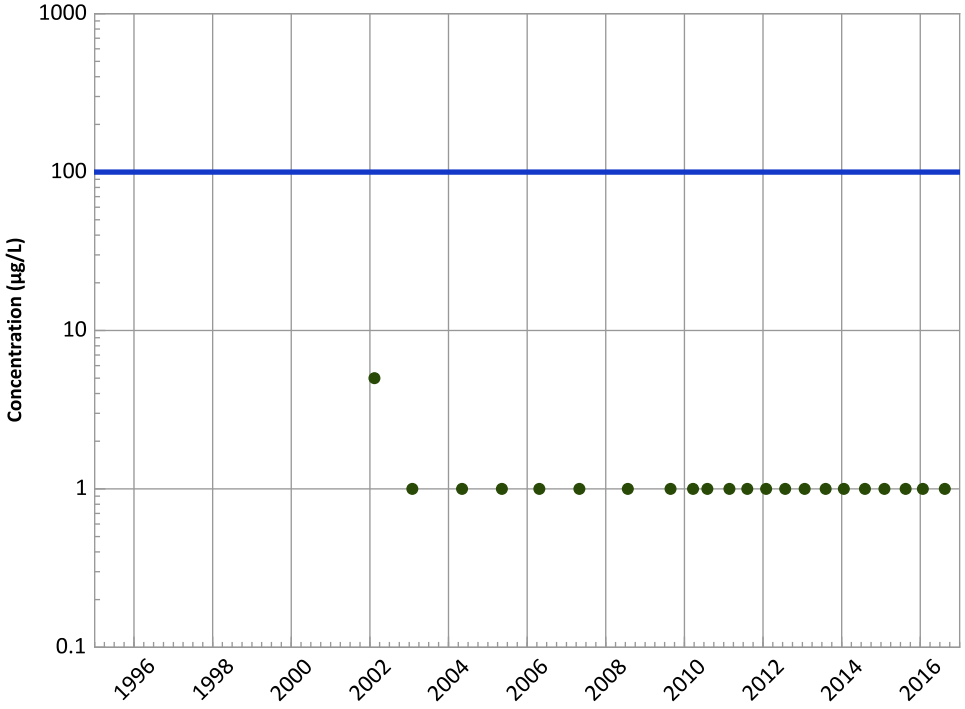
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

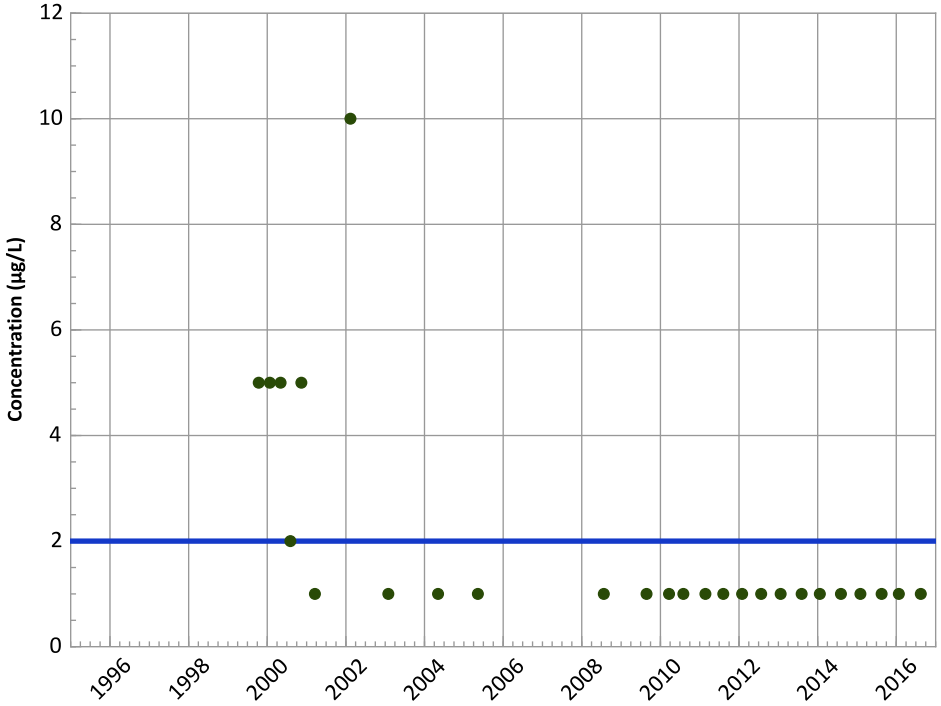


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

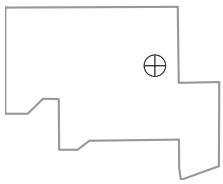
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

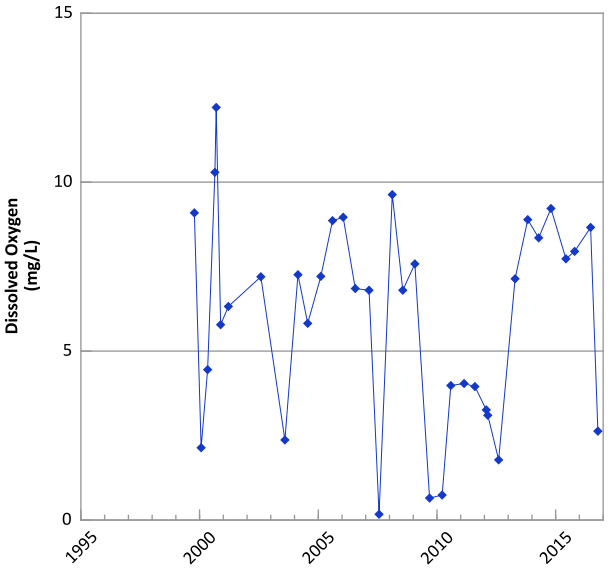
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/1999 to 08/16/2016
Analysis Date: 03/07/2017

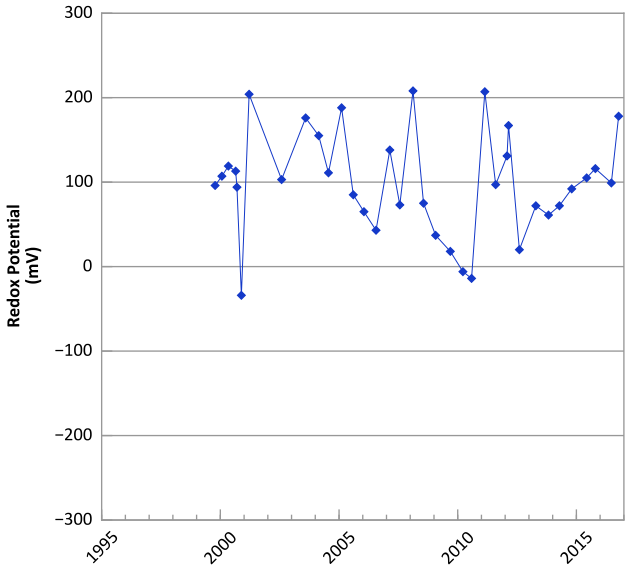
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

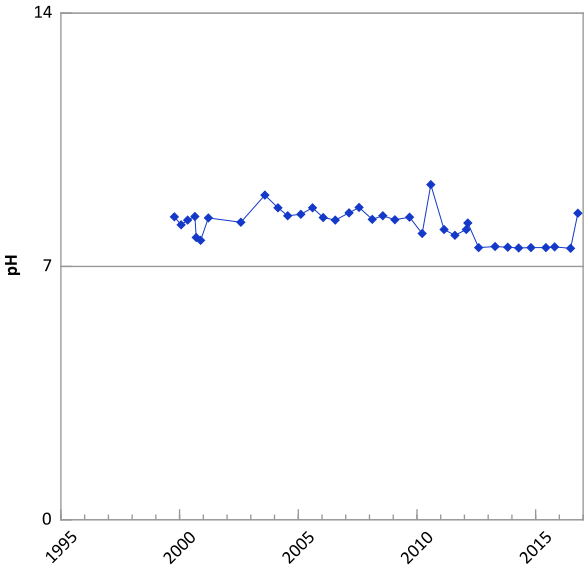
Well Location

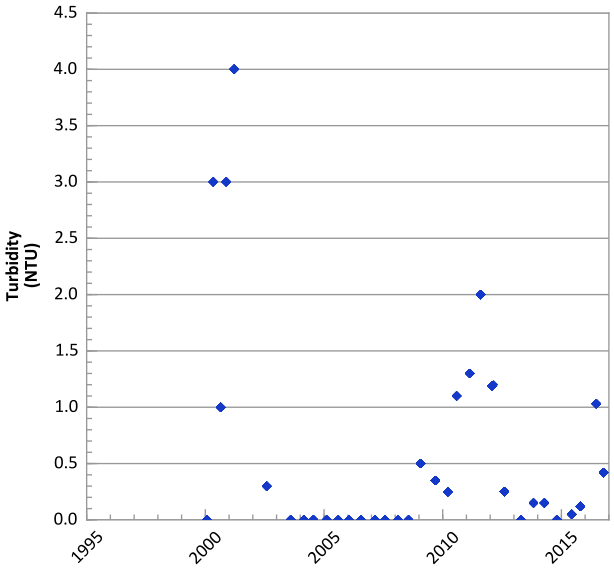


PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



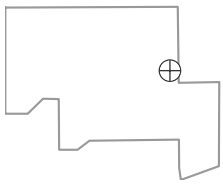






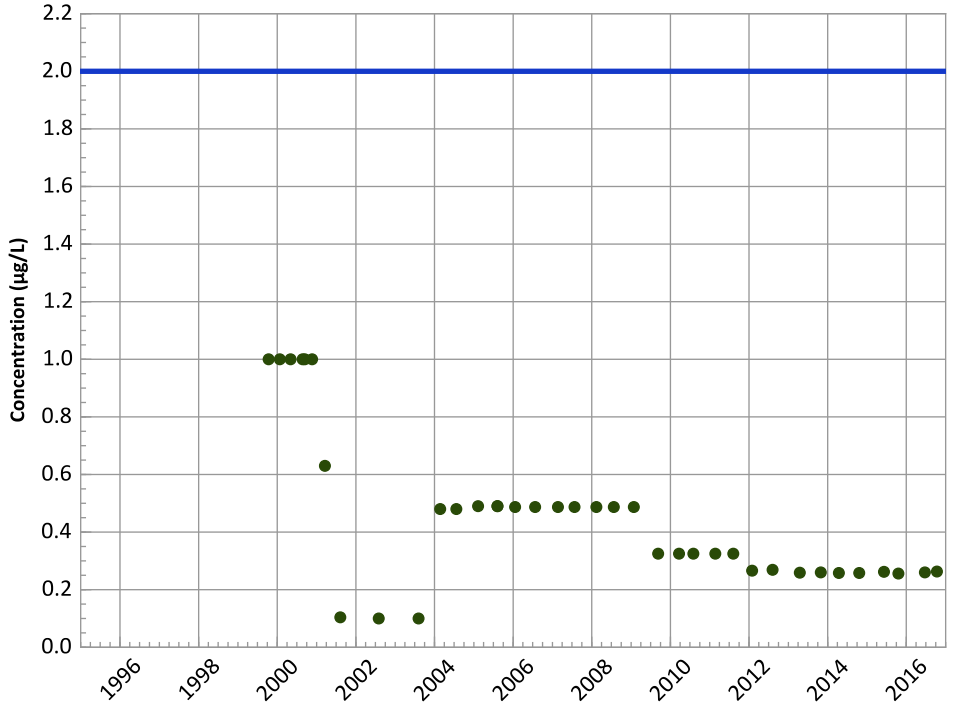
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/1999 to 10/12/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

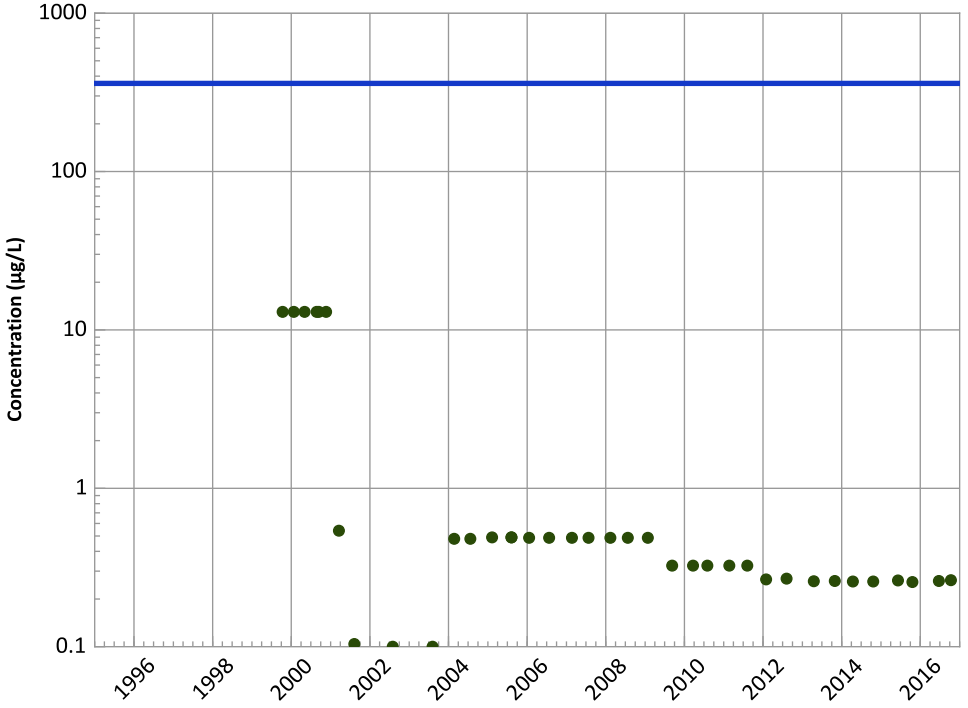


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

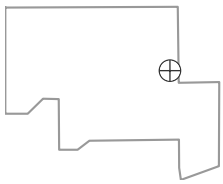
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/1999 to 10/12/2016
Analysis Date: 03/07/2017

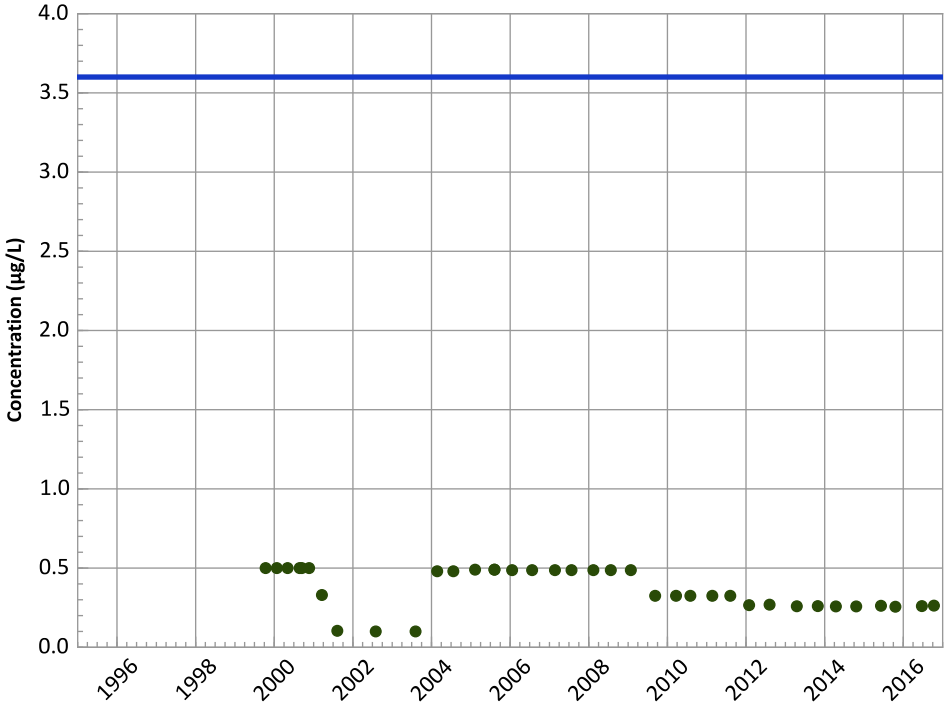
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

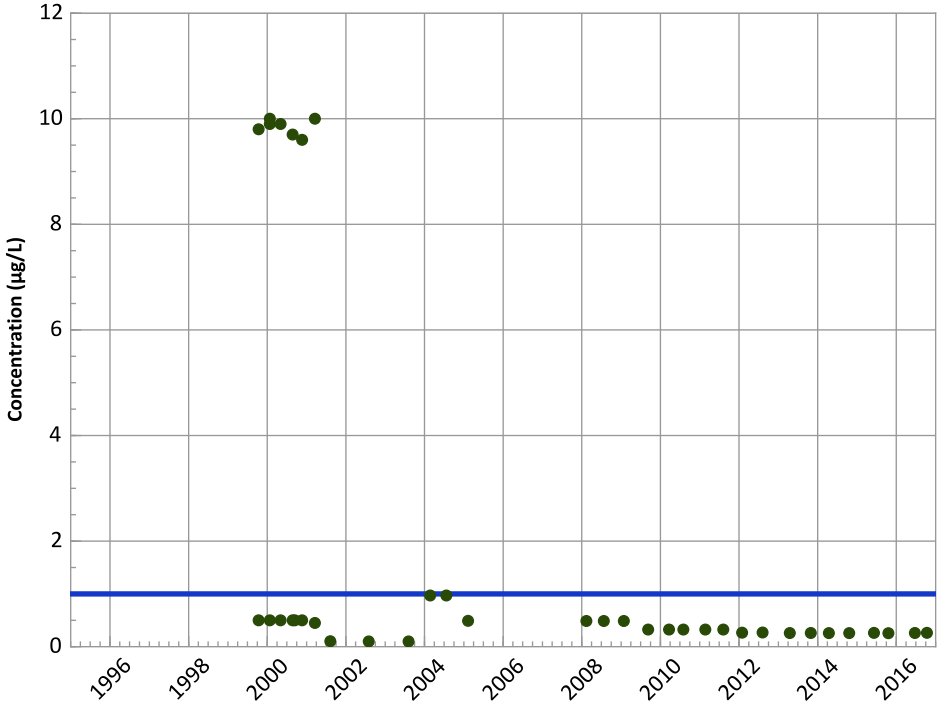


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

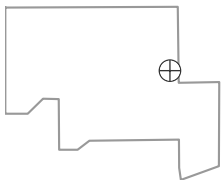
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/1999 to 10/12/2016
Analysis Date: 03/07/2017

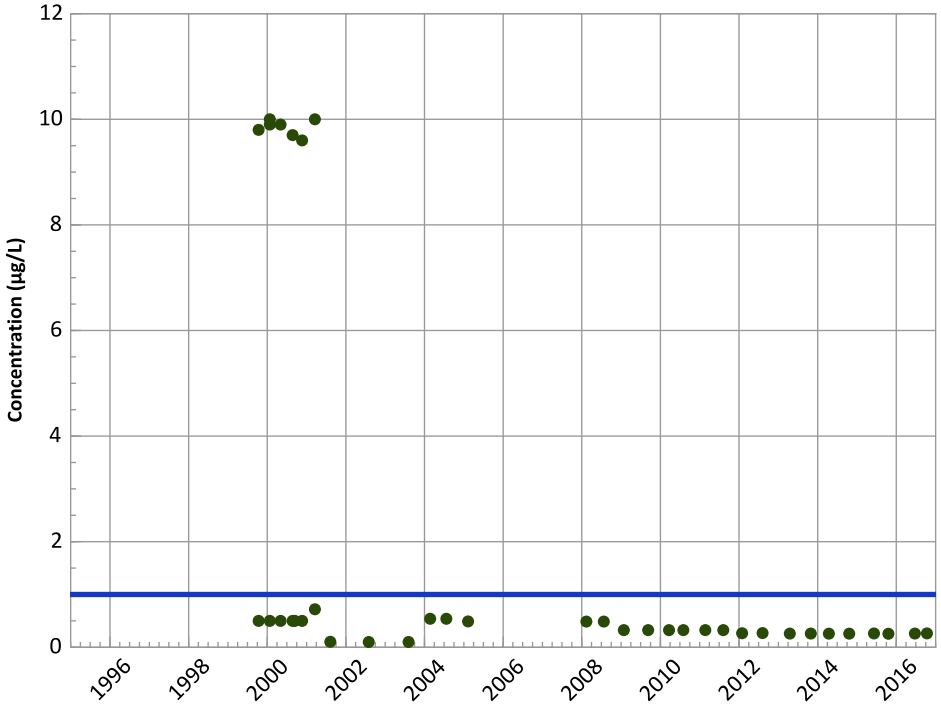
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

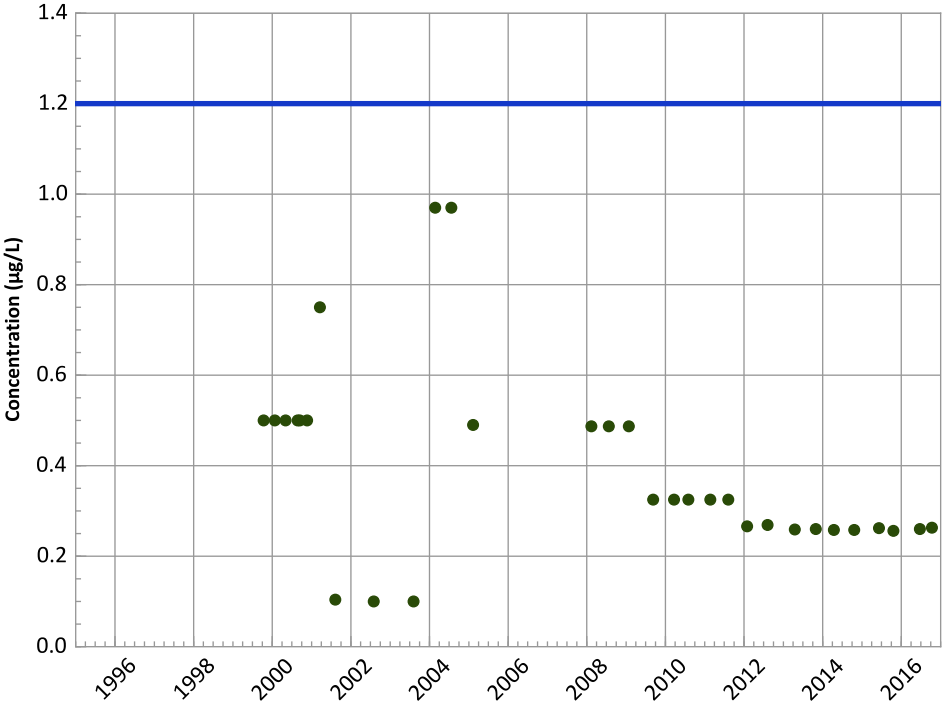


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

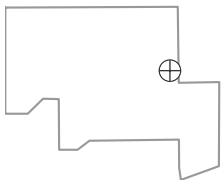
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/1999 to 10/12/2016
Analysis Date: 03/07/2017

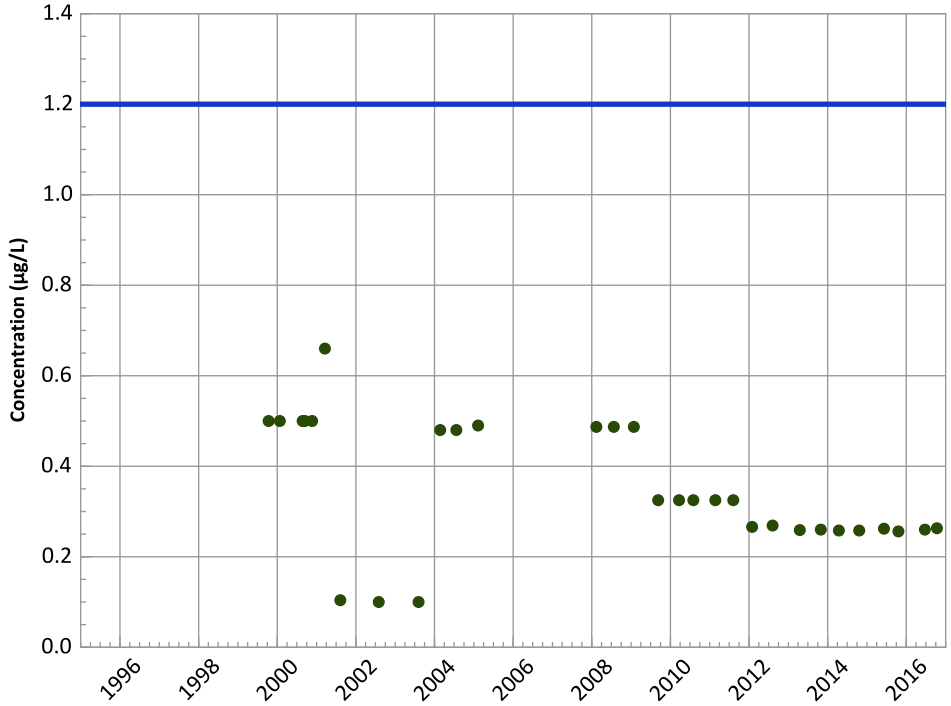
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

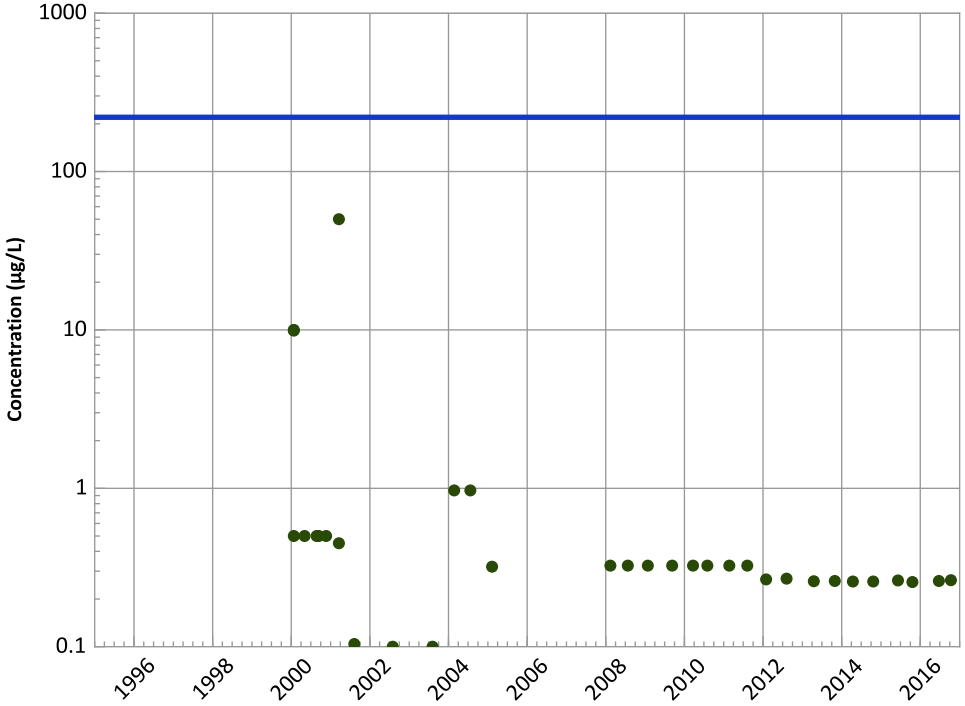


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

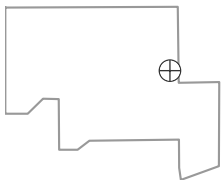
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/1999 to 10/12/2016
Analysis Date: 03/07/2017

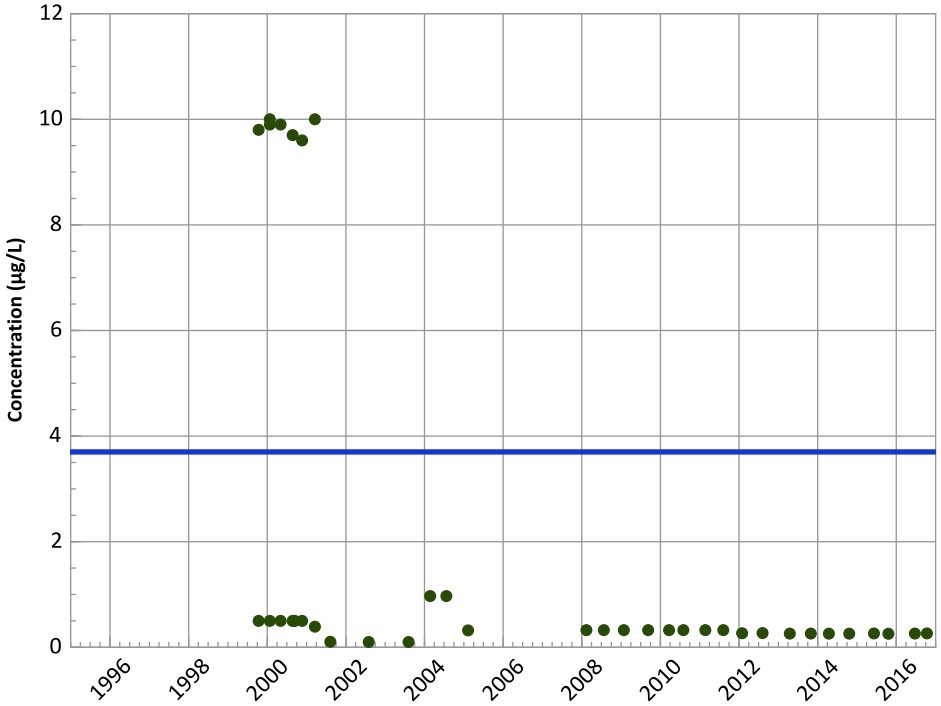
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

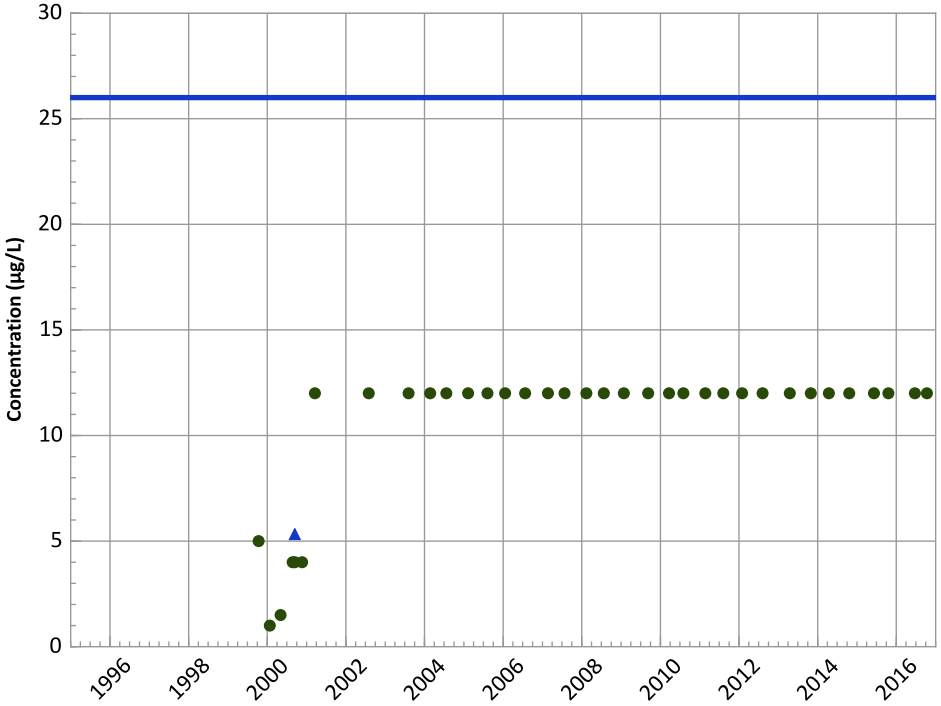


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

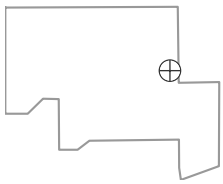
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/1999 to 10/12/2016
Analysis Date: 03/07/2017

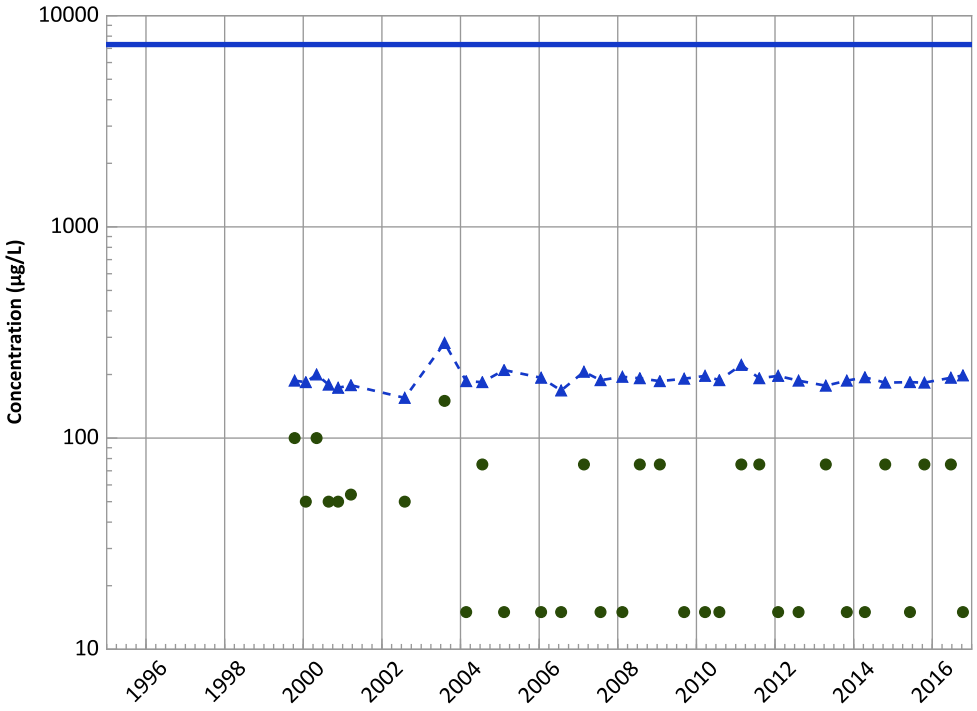
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

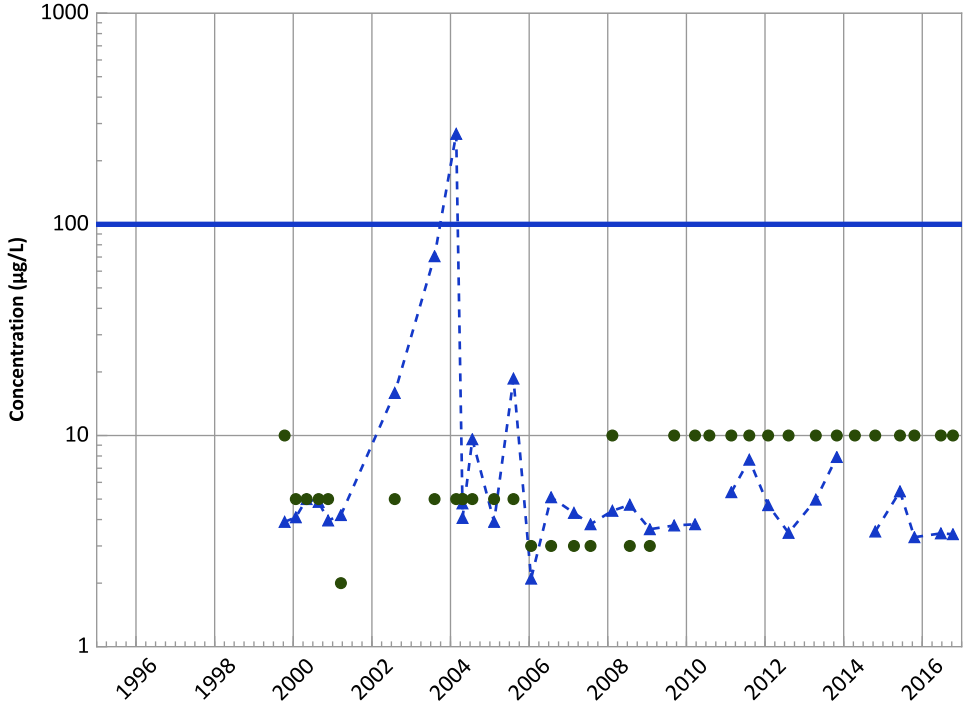


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Chromium, Total Trend



Concentration Trend

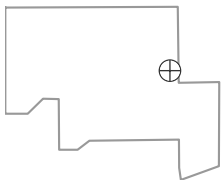
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/1999 to 10/12/2016
Analysis Date: 03/07/2017

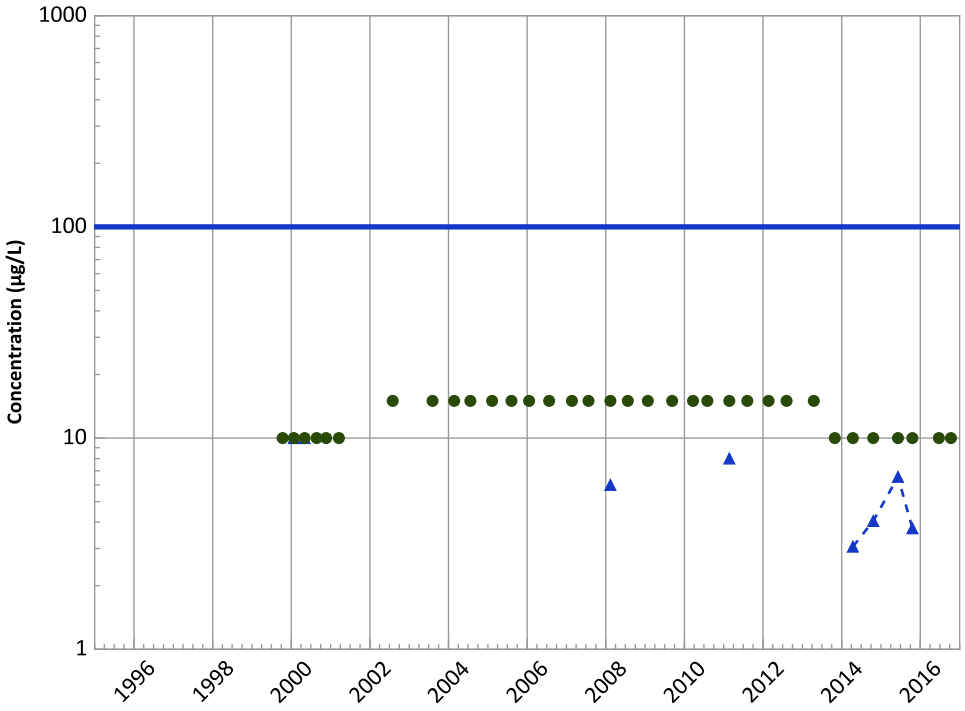
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

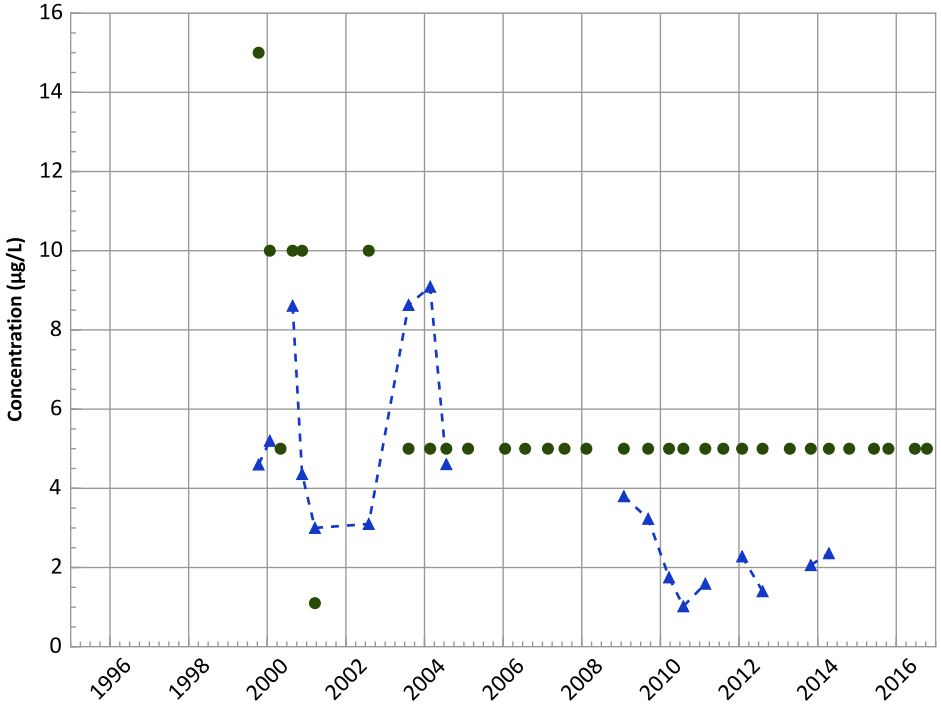


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Manganese Trend



Concentration Trend

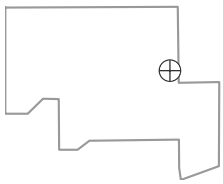
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/1999 to 10/12/2016
Analysis Date: 03/07/2017

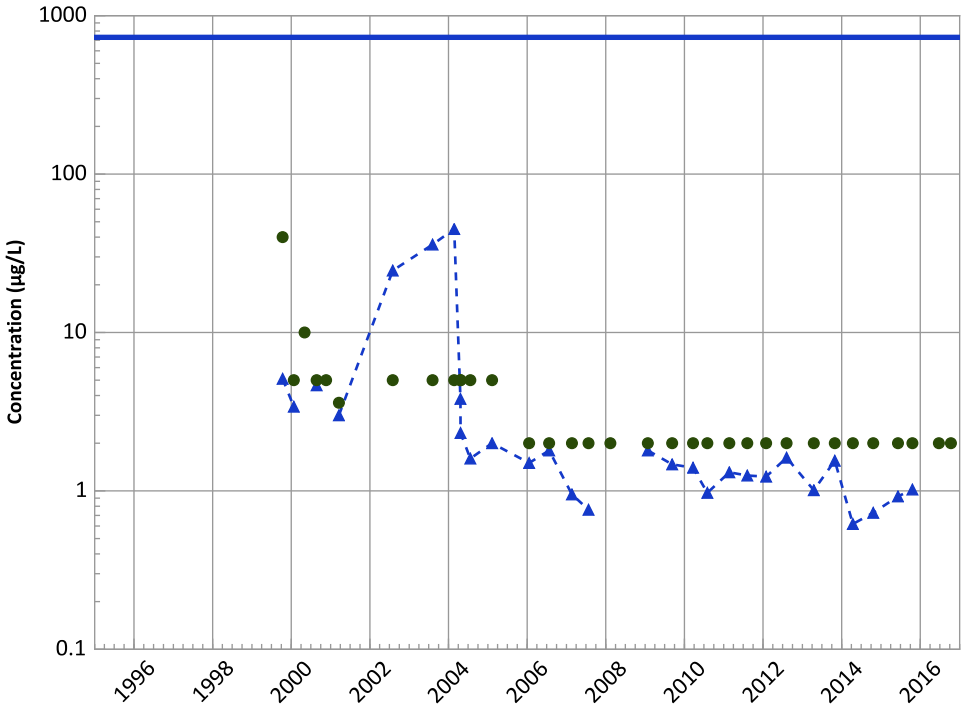
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

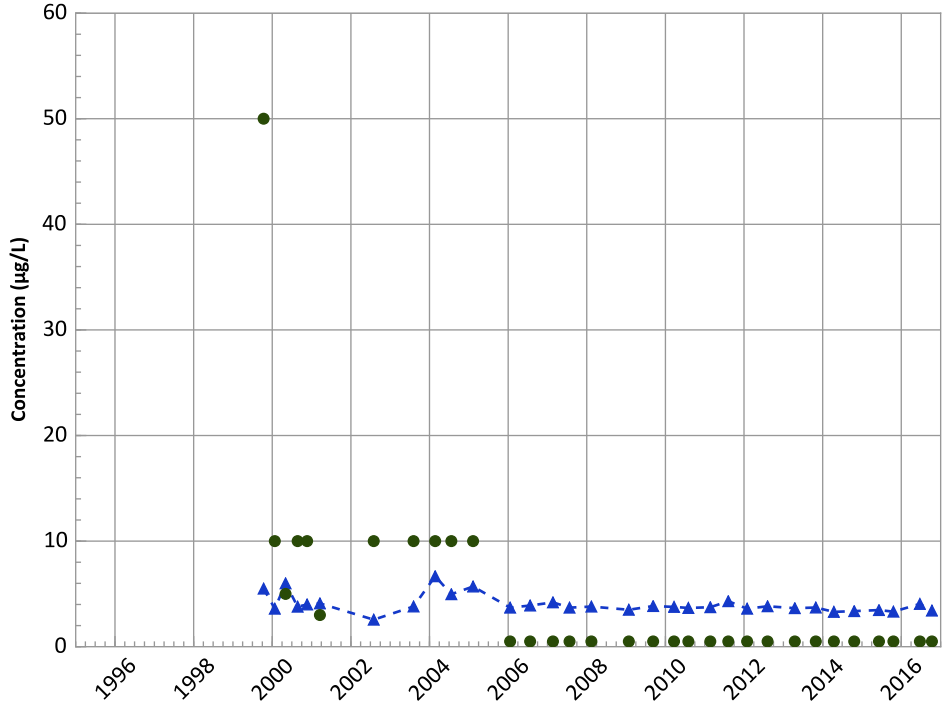


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Molybdenum Trend



Concentration Trend

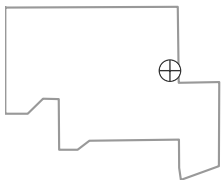
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/1999 to 10/12/2016
Analysis Date: 03/07/2017

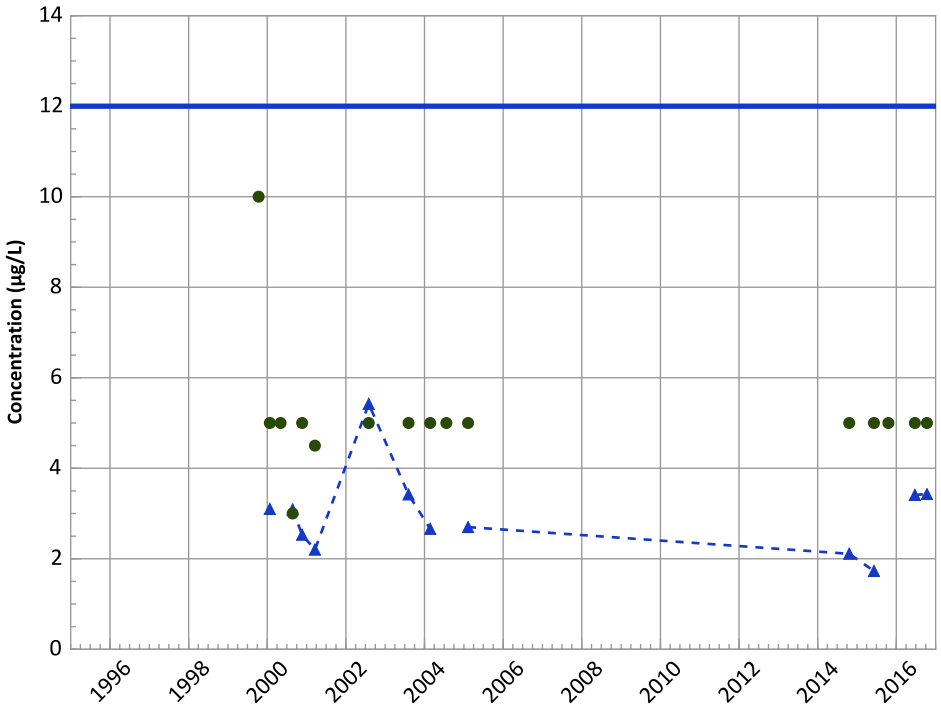
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

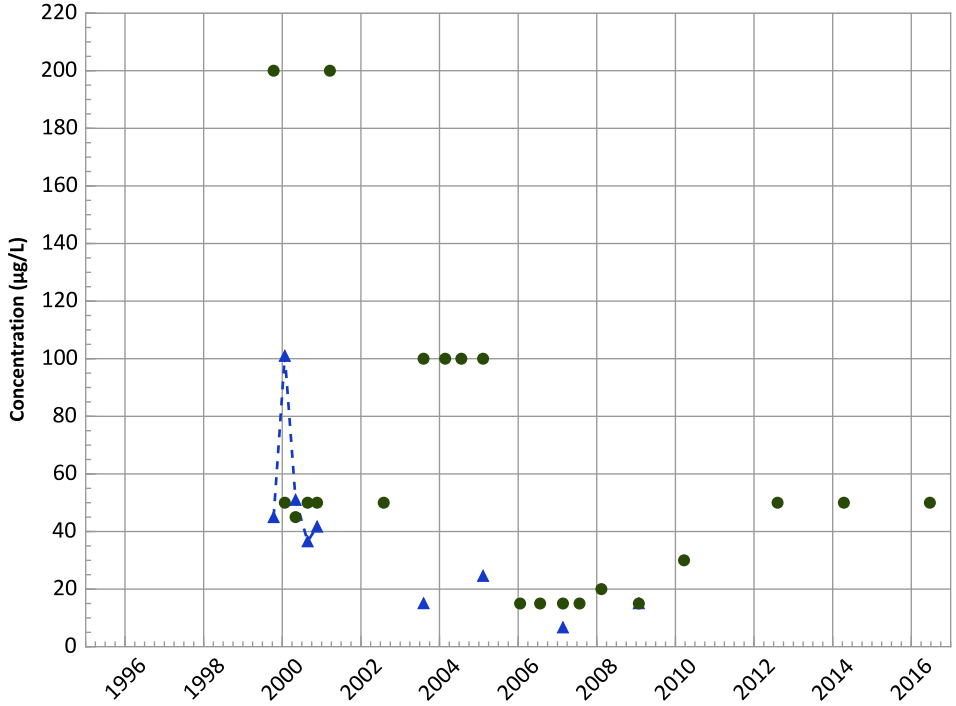


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Stable

Aluminum Trend



Concentration Trend

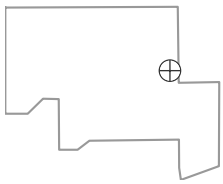
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/1999 to 10/12/2016
Analysis Date: 03/07/2017

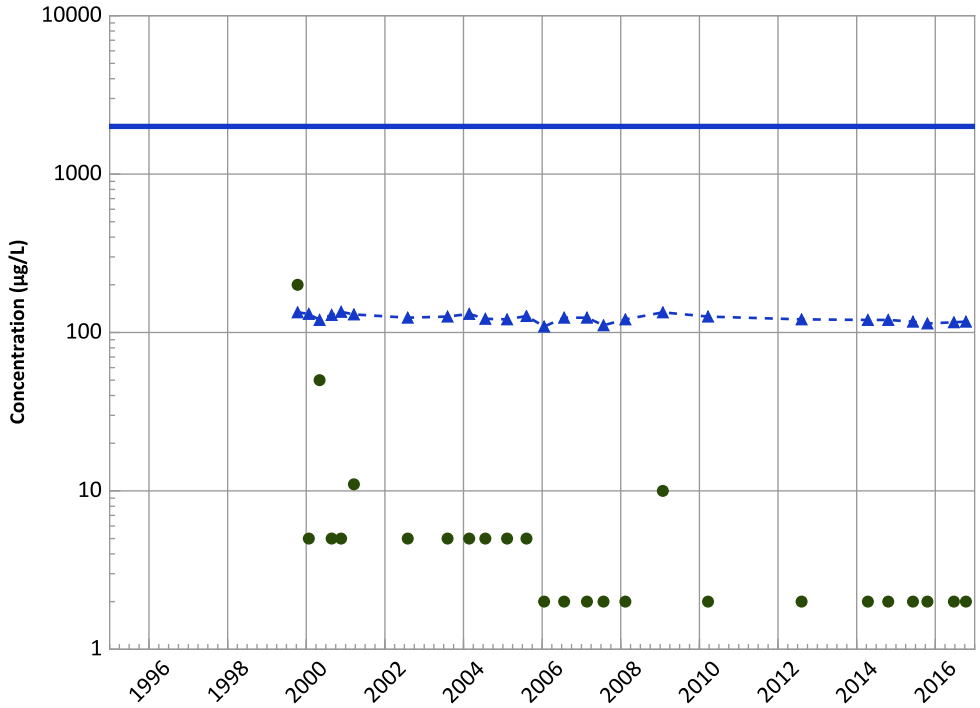
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

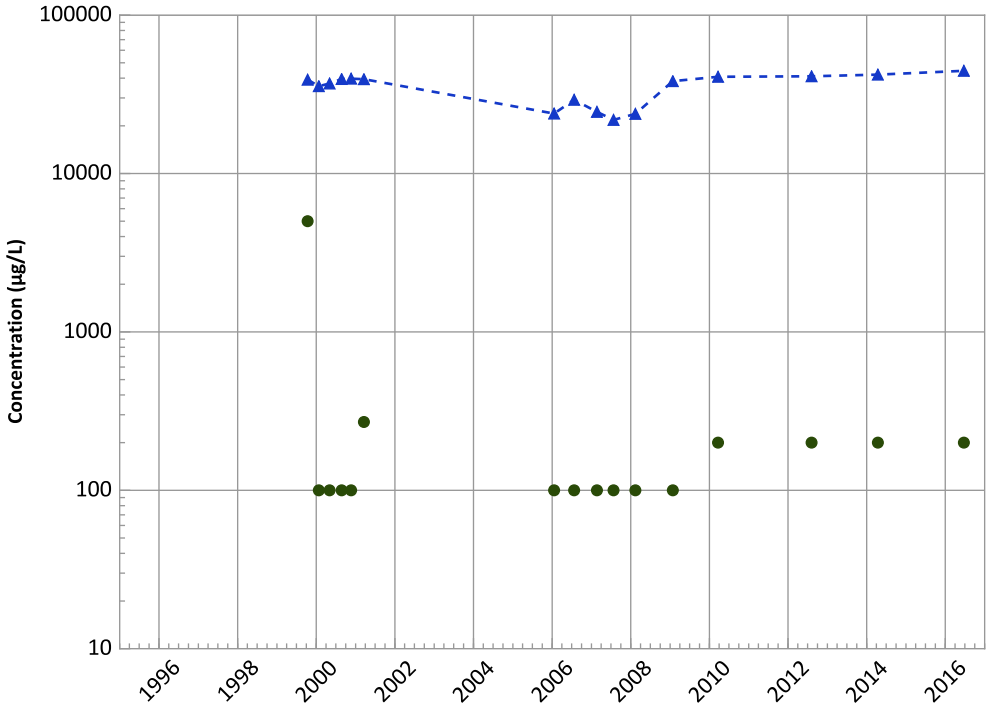


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Calcium Trend



Concentration Trend

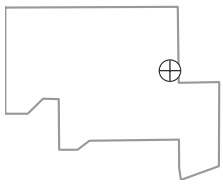
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/1999 to 10/12/2016
Analysis Date: 03/07/2017

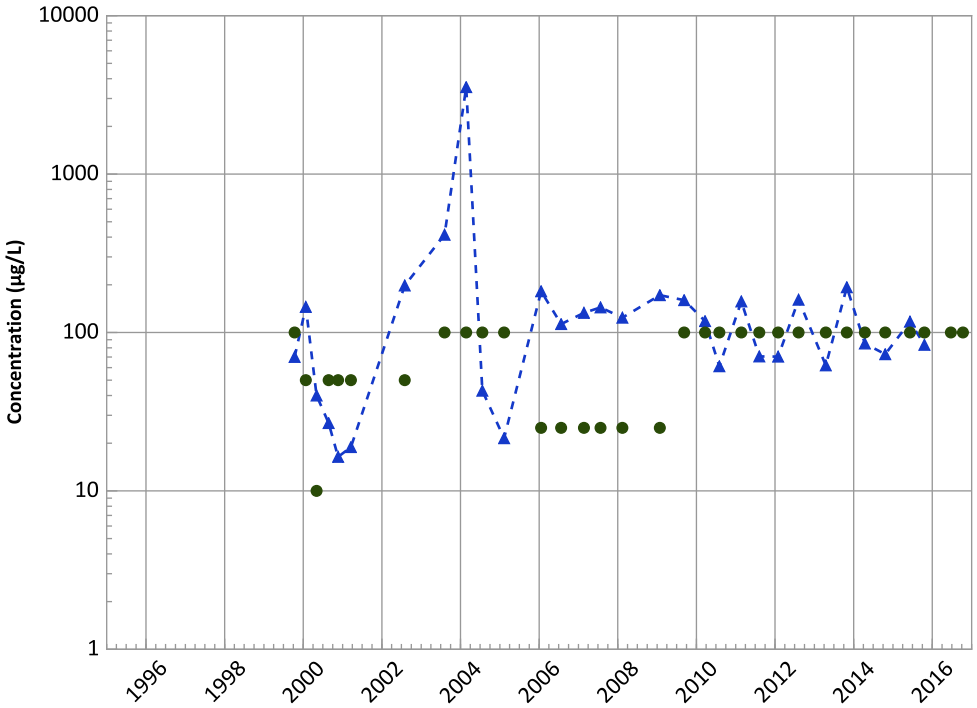
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

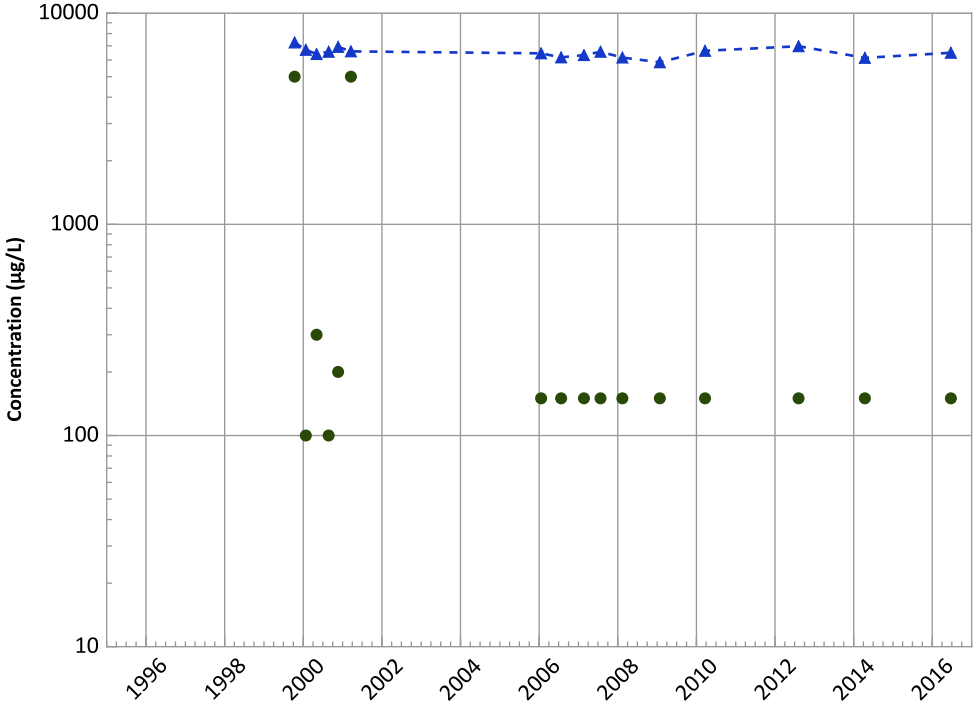


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

Potassium Trend



Concentration Trend

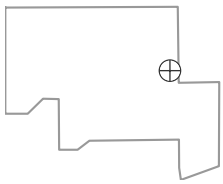
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/1999 to 10/12/2016
Analysis Date: 03/07/2017

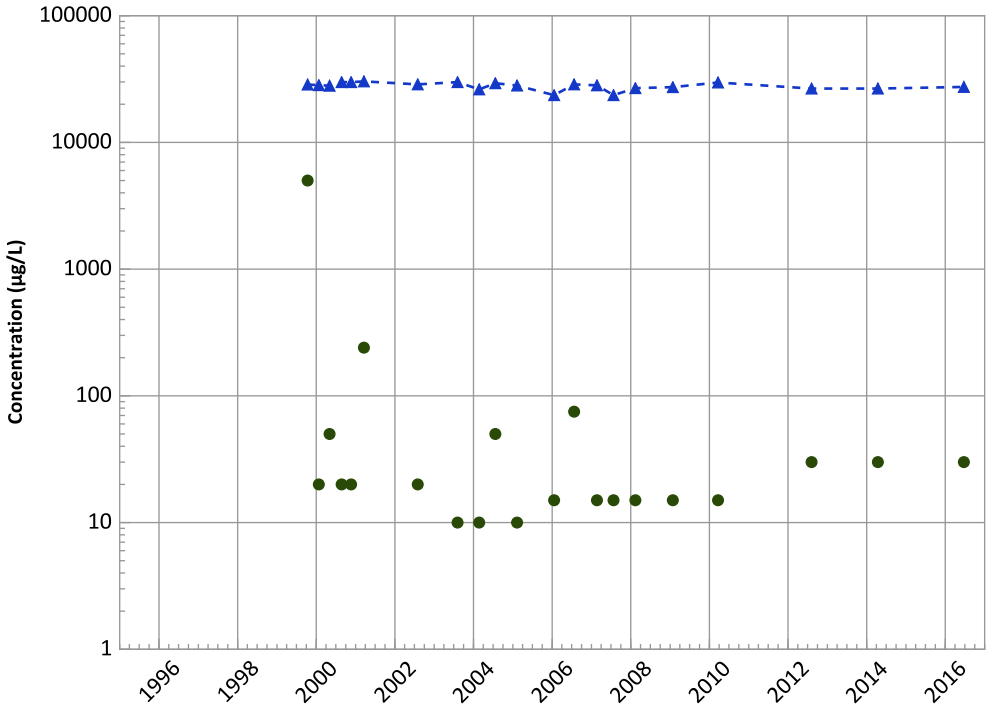
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

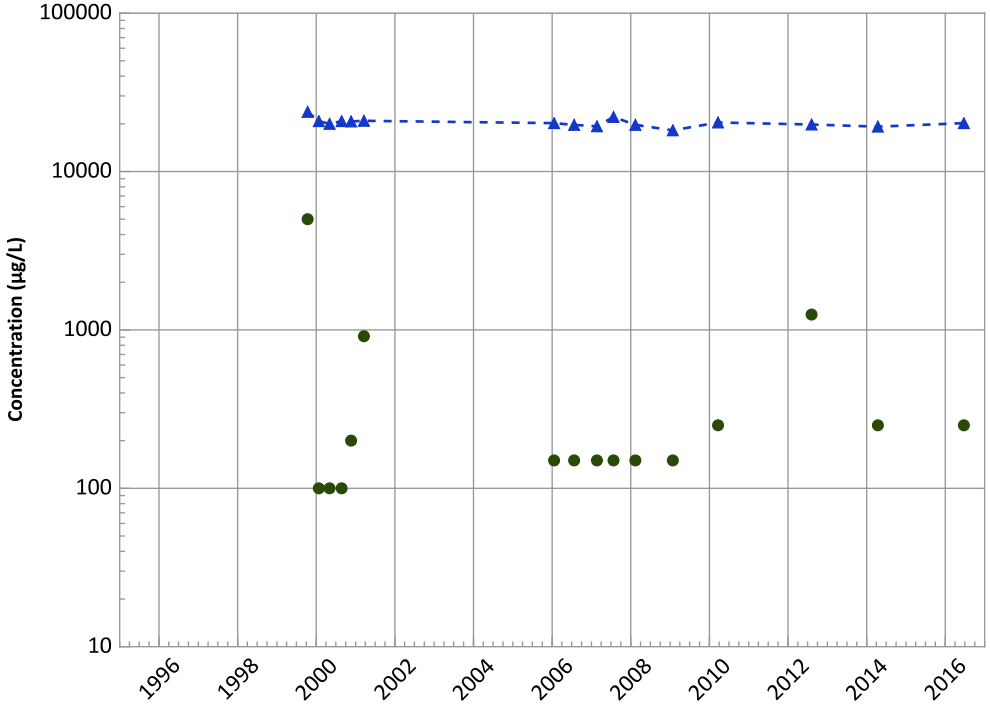


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Sodium Trend



Concentration Trend

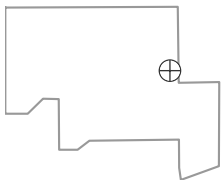
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/1999 to 10/12/2016
Analysis Date: 03/07/2017

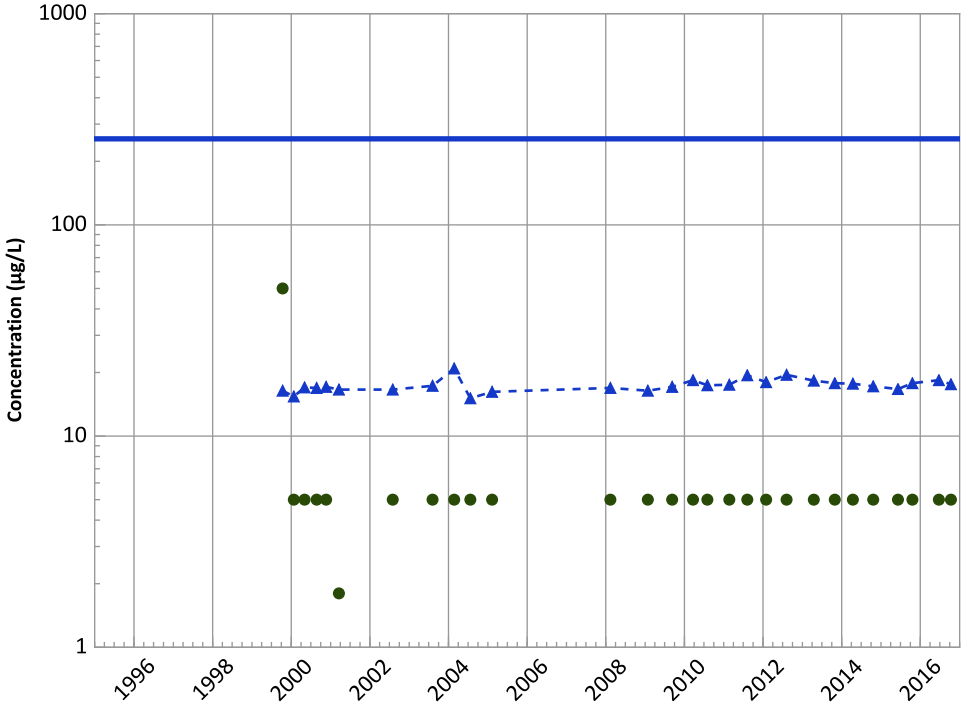
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

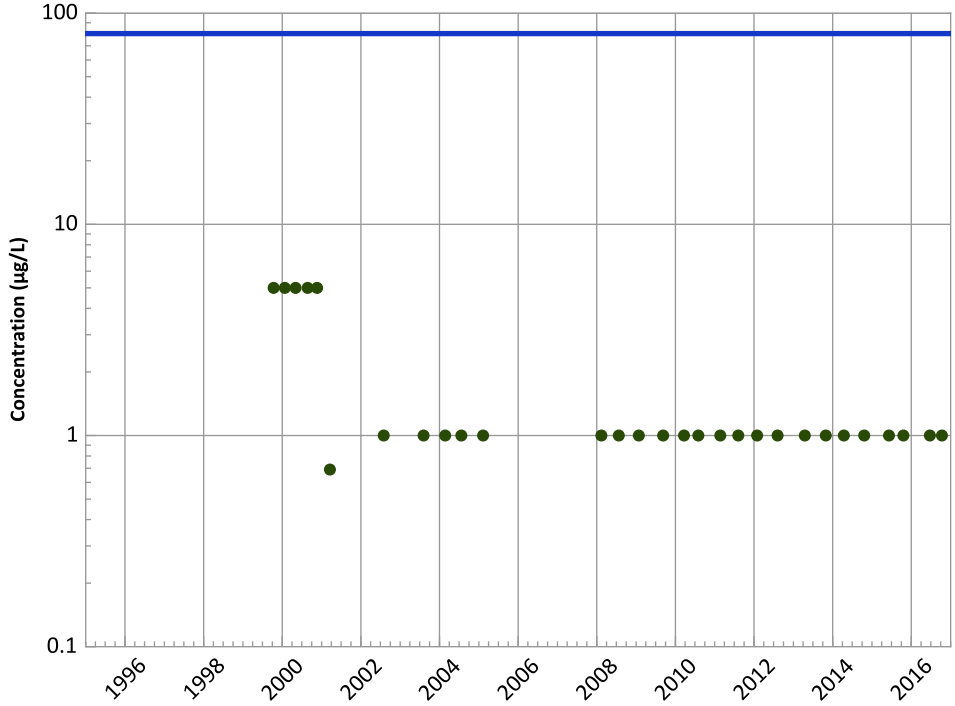


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Chloroform Trend



Concentration Trend

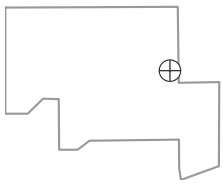
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/1999 to 10/12/2016
Analysis Date: 03/07/2017

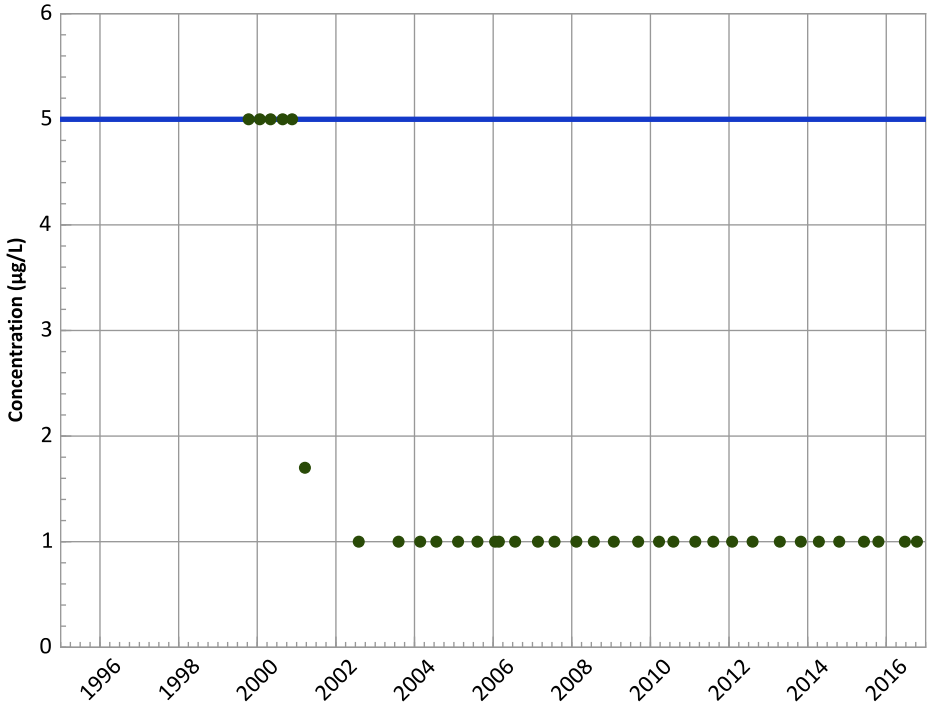
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

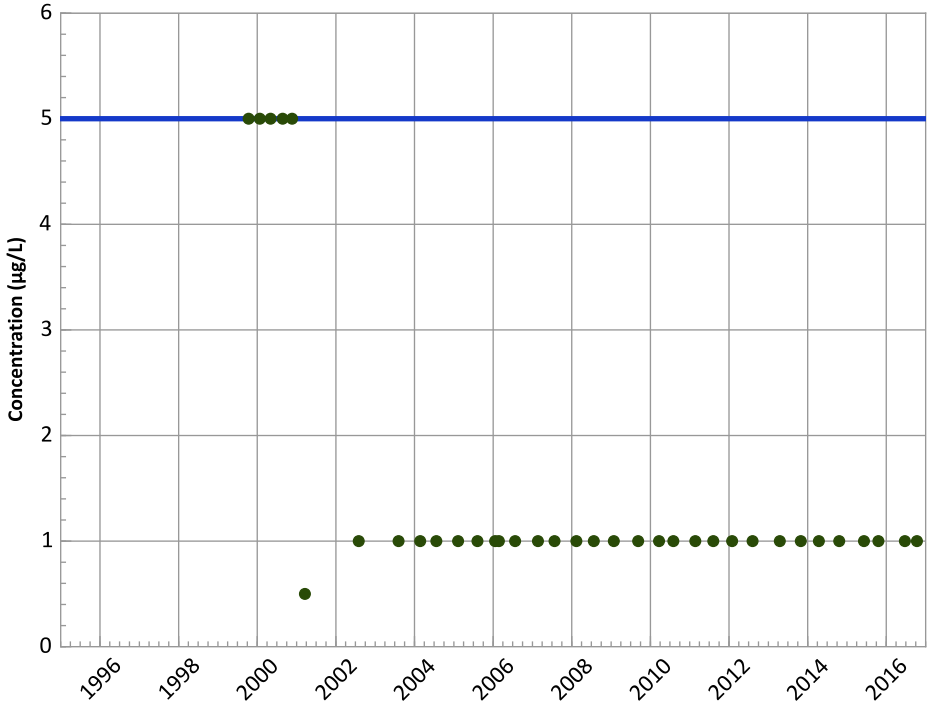


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

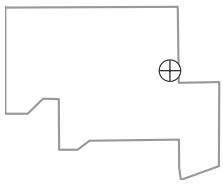
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/1999 to 10/12/2016
Analysis Date: 03/07/2017

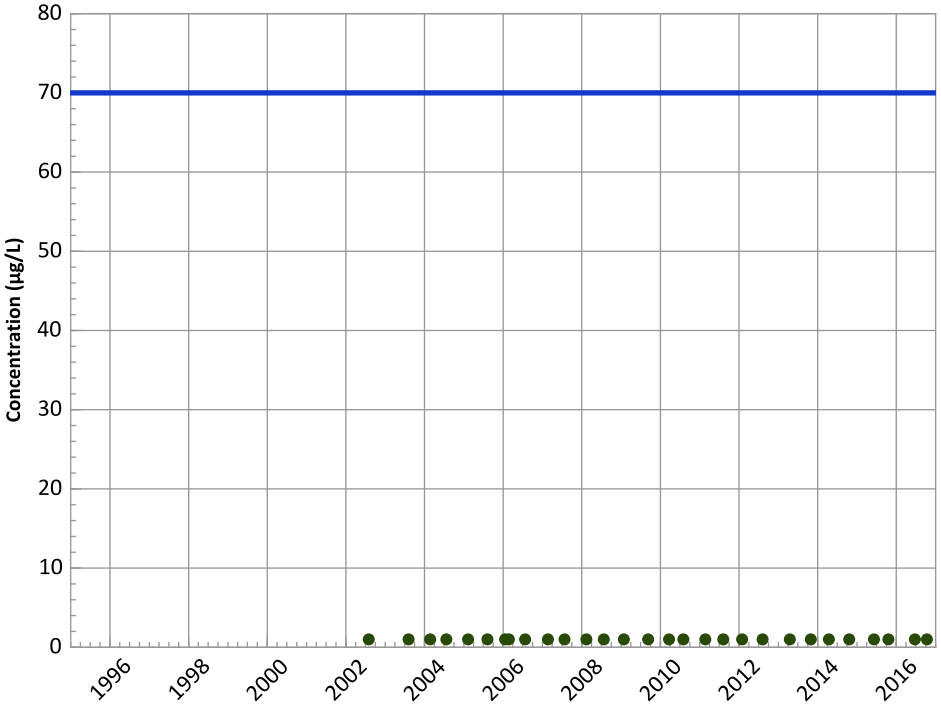
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

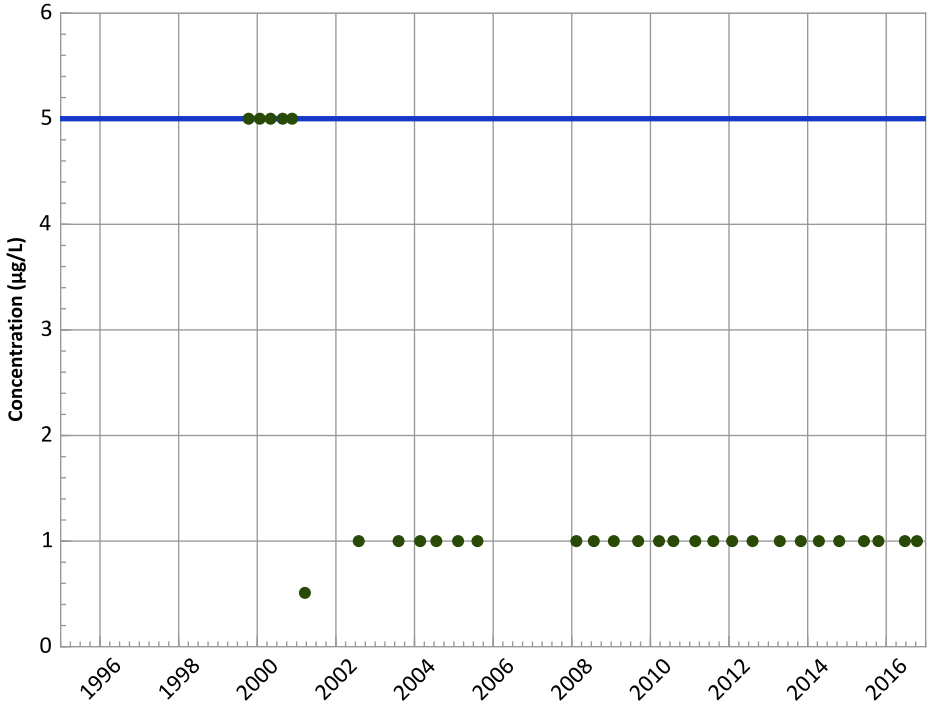


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

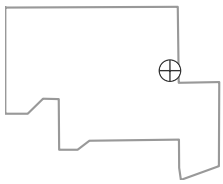
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/1999 to 10/12/2016
Analysis Date: 03/07/2017

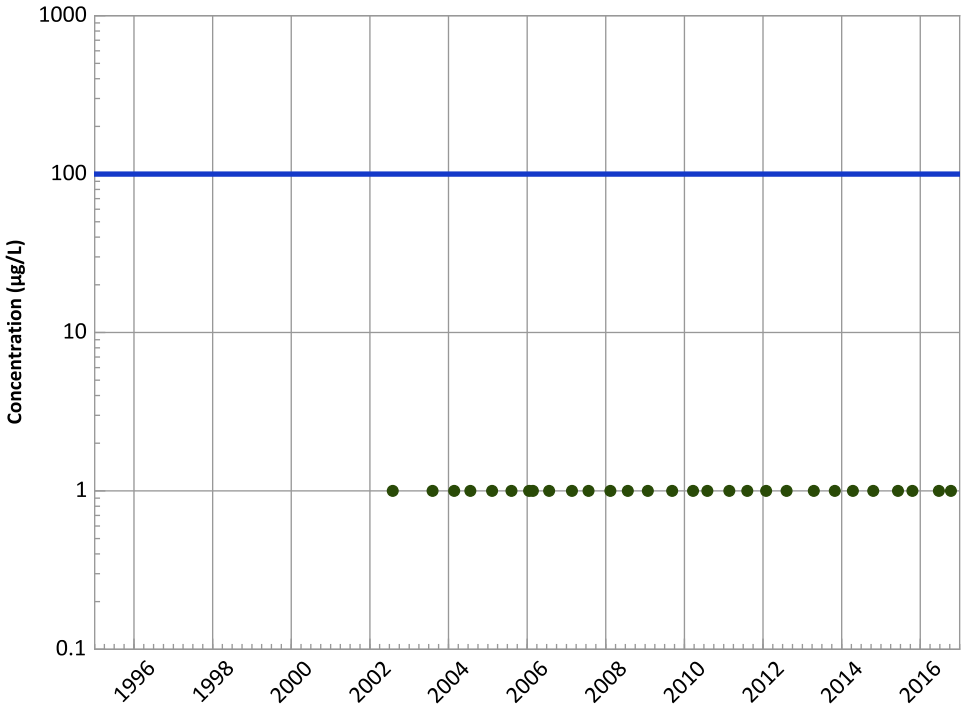
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

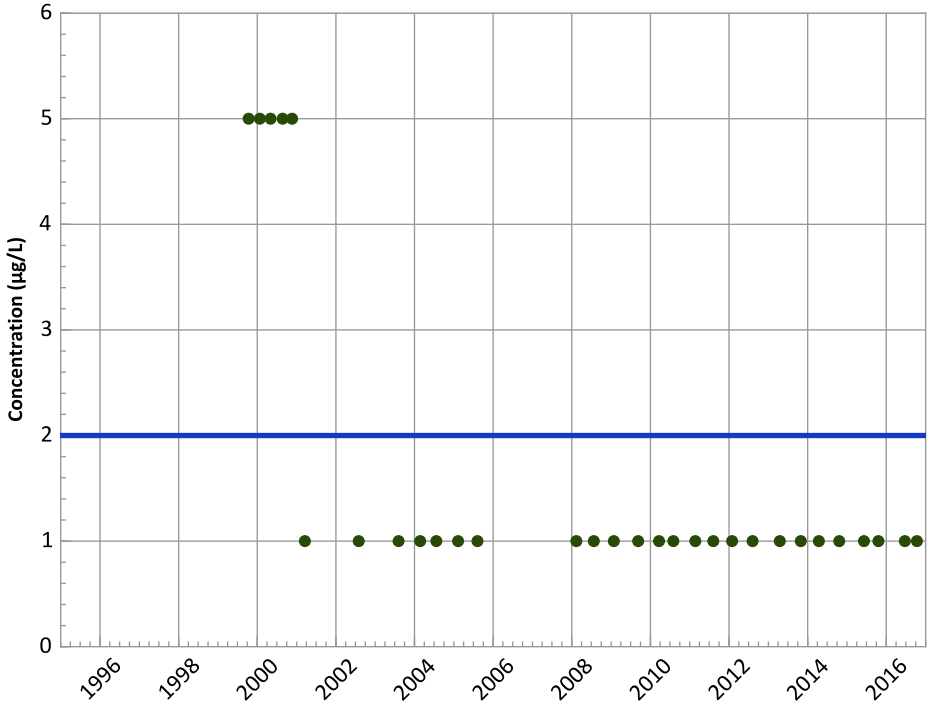


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

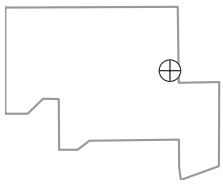
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

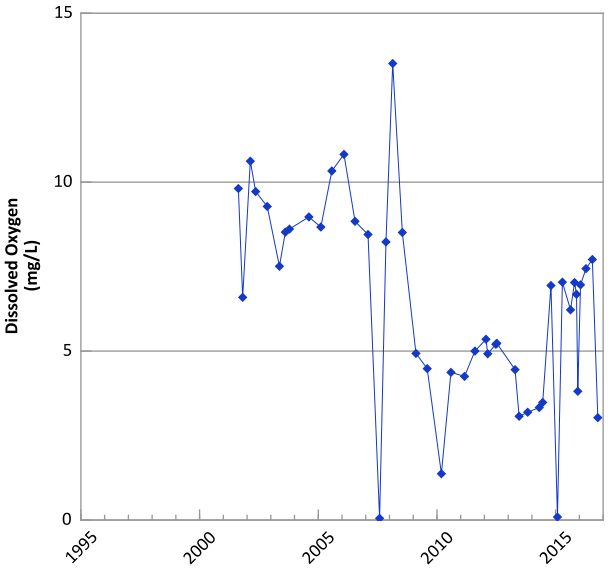
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/13/1999 to 10/12/2016
Analysis Date: 03/07/2017

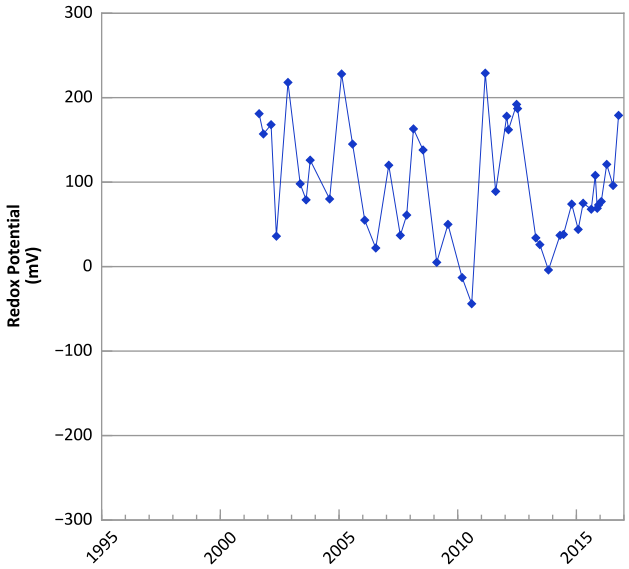
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

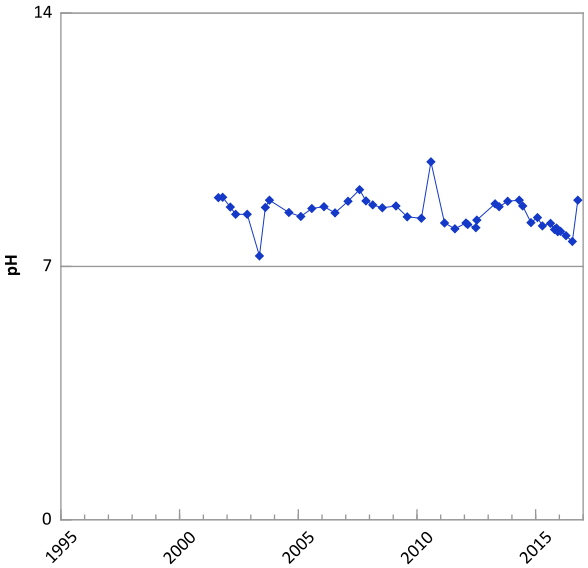
Well Location

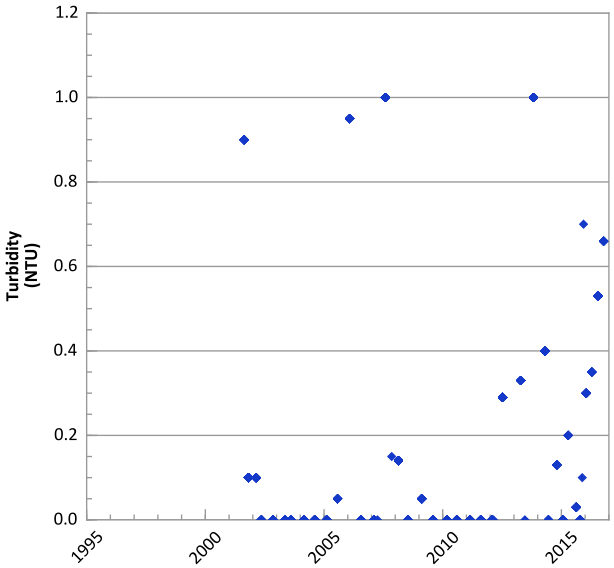


PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



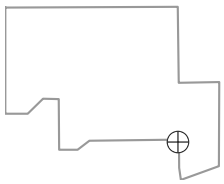






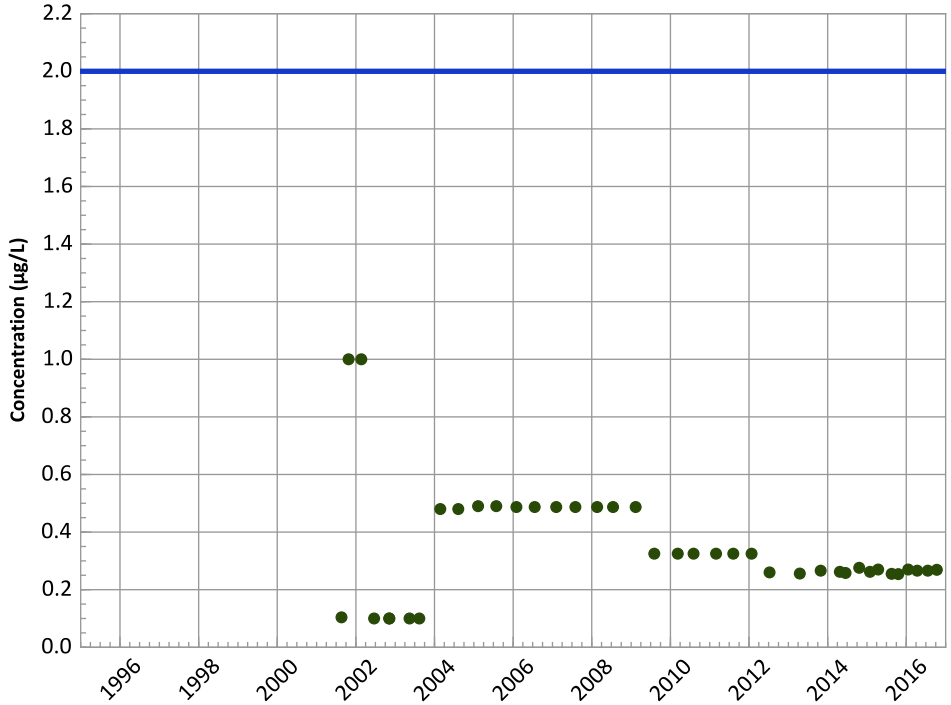
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/09/2000 to 10/11/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

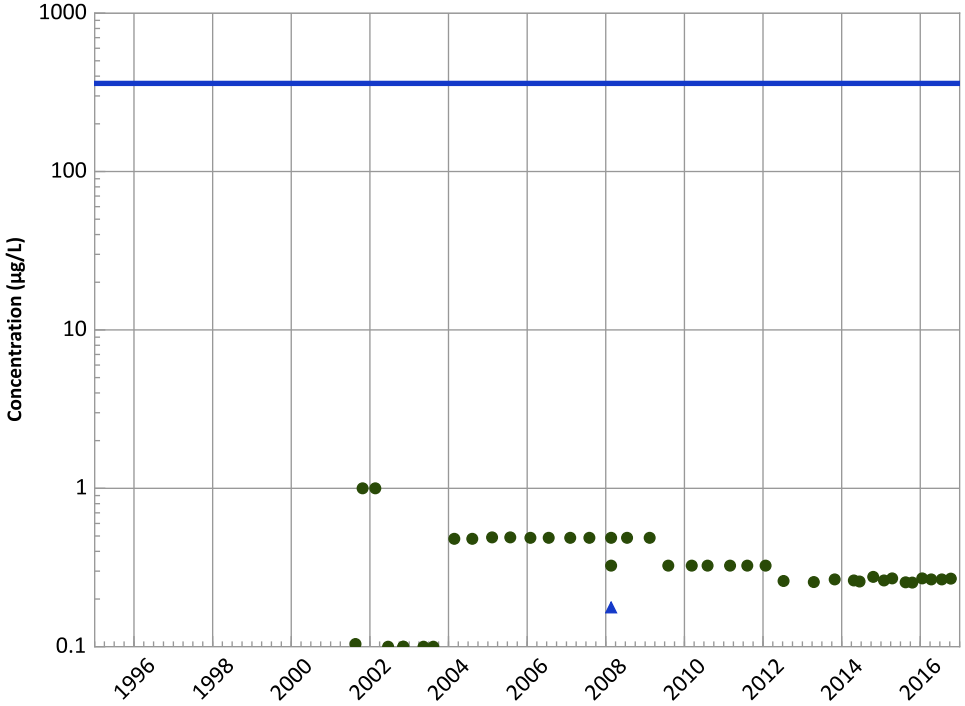


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

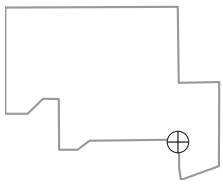
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/09/2000 to 10/11/2016
Analysis Date: 03/07/2017

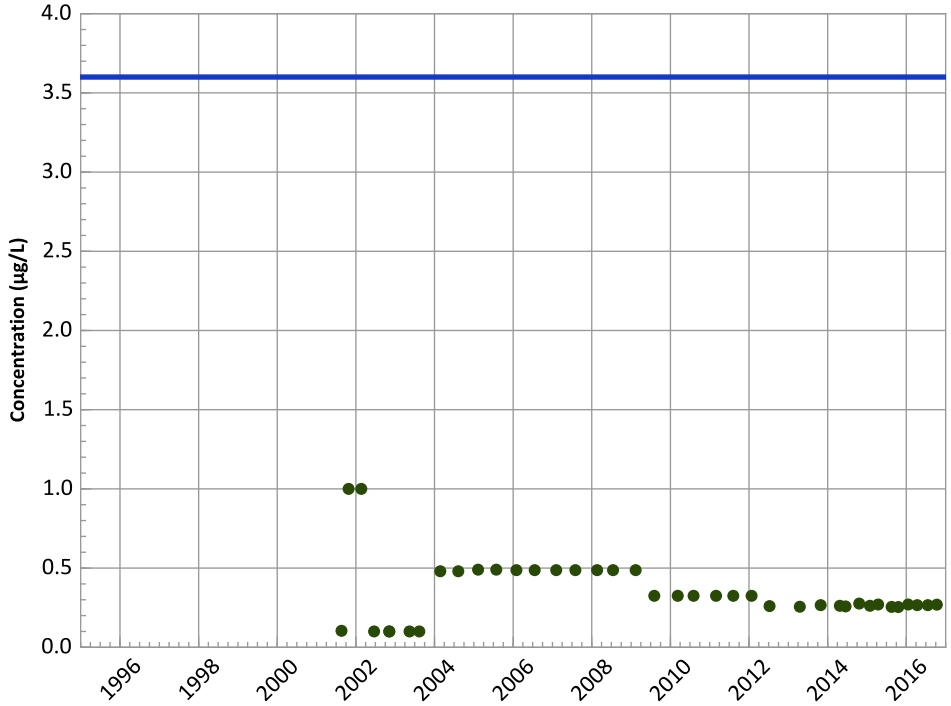
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

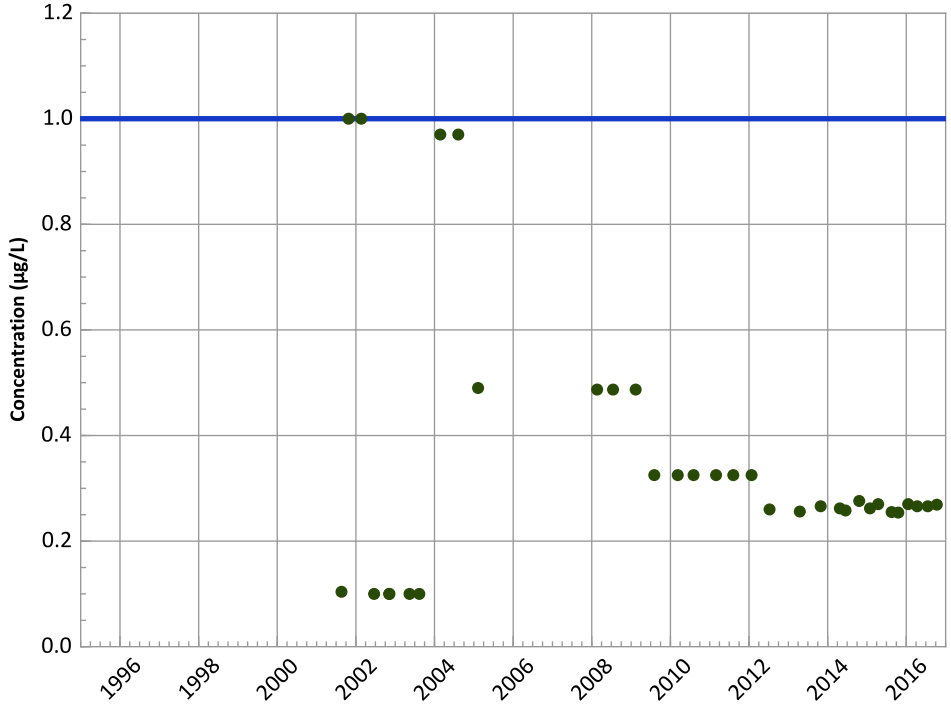


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

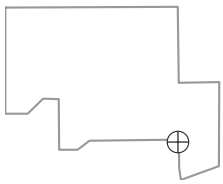
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/09/2000 to 10/11/2016
Analysis Date: 03/07/2017

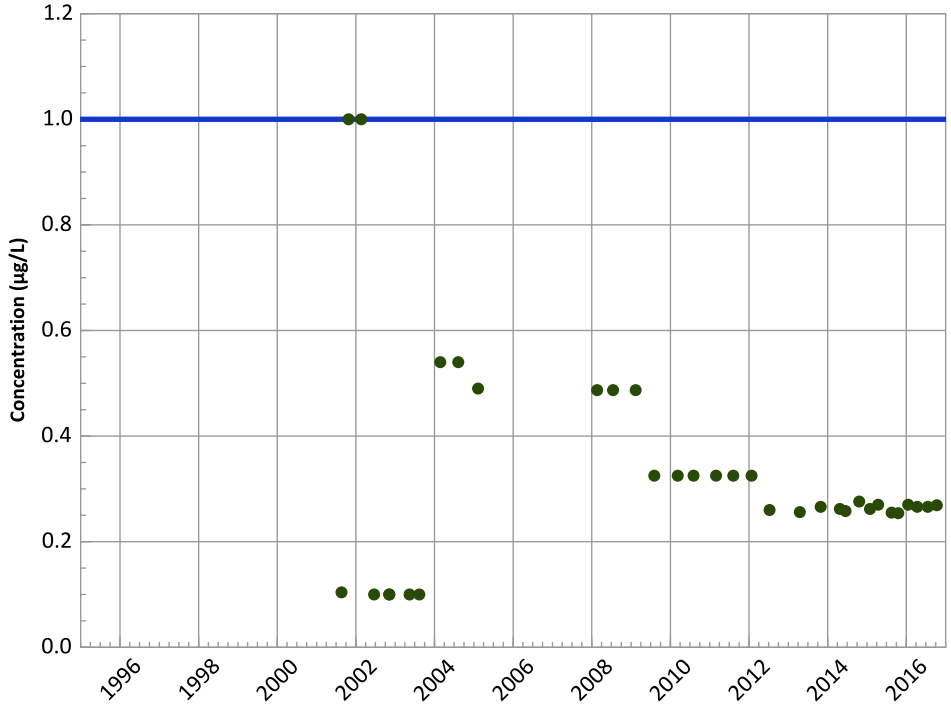
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

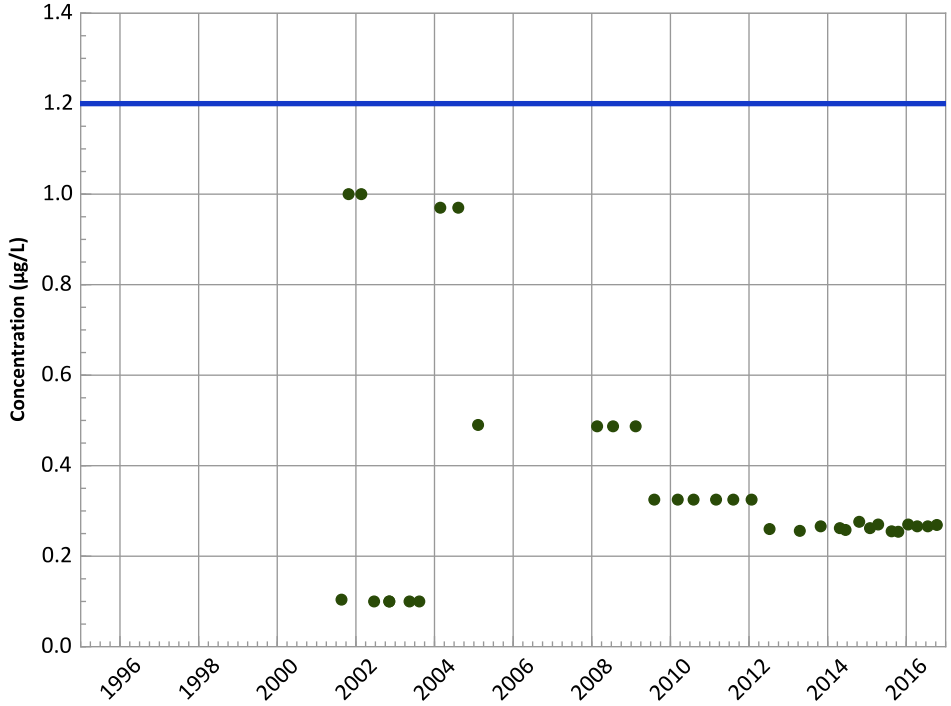


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

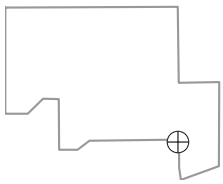
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/09/2000 to 10/11/2016
Analysis Date: 03/07/2017

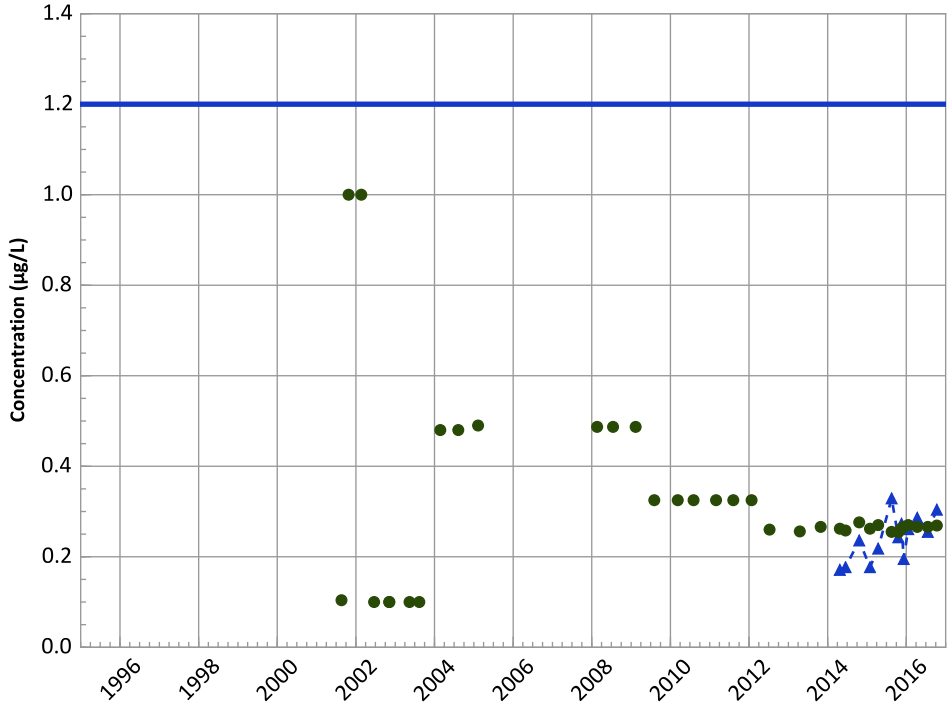
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

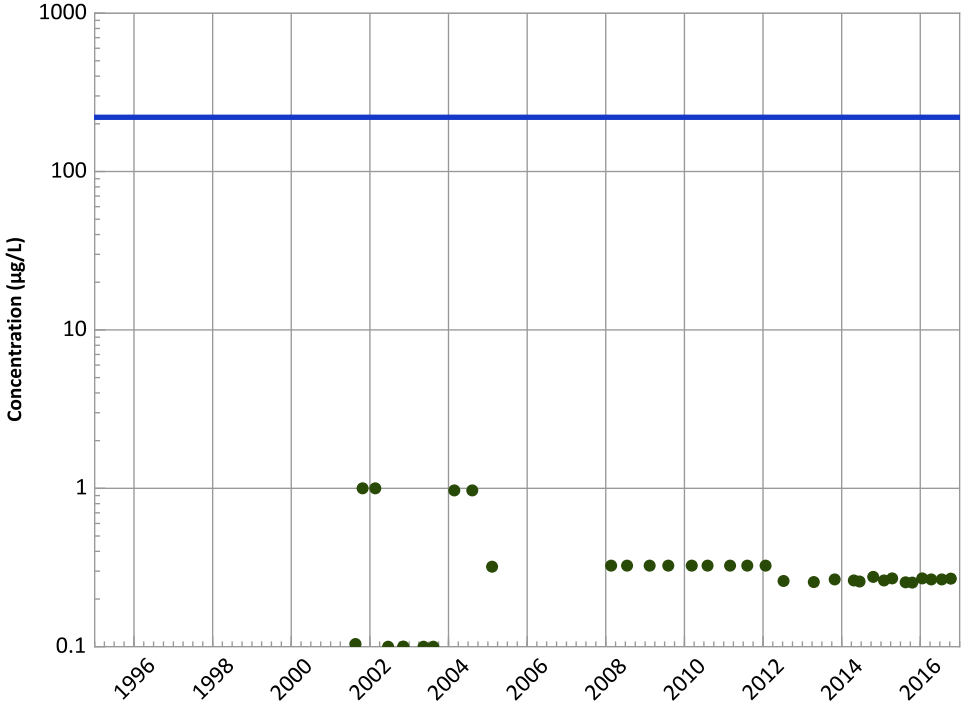


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

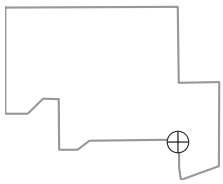
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/09/2000 to 10/11/2016
Analysis Date: 03/07/2017

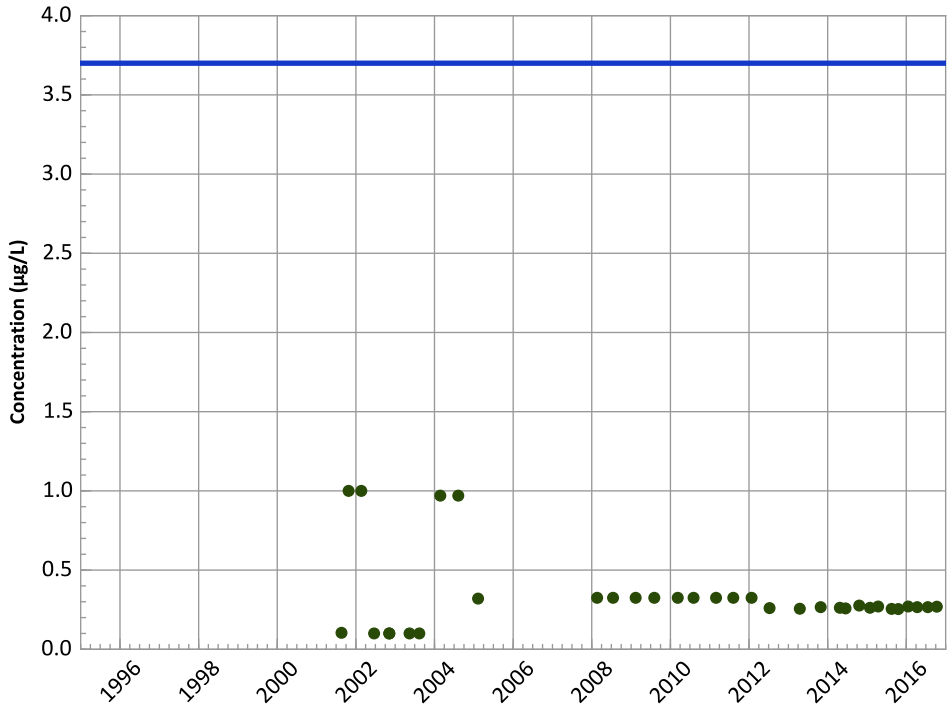
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

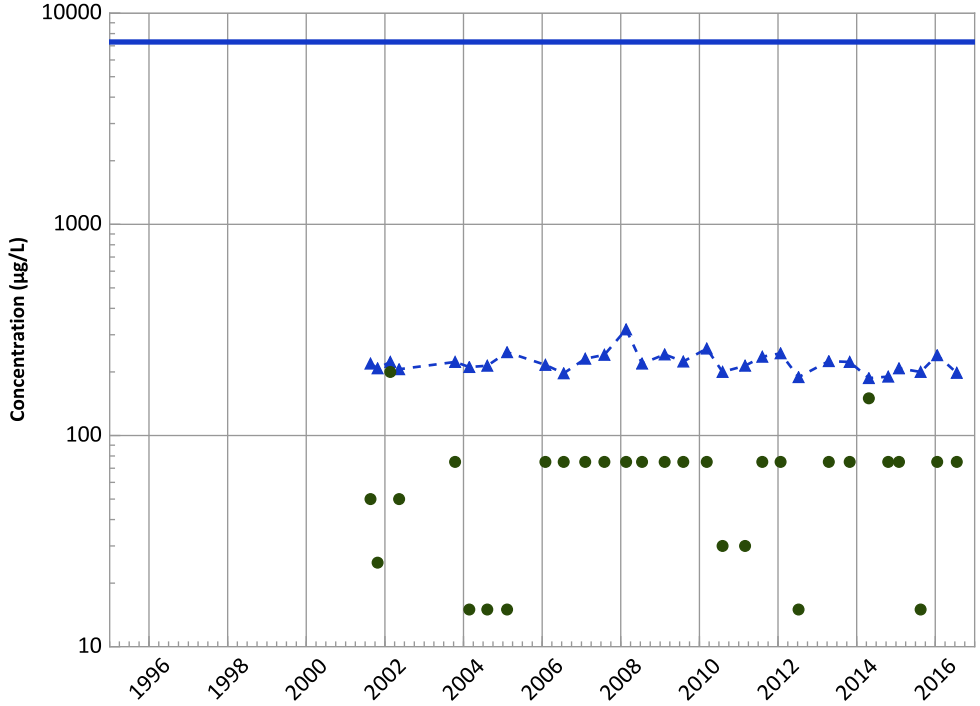


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Boron Trend



Concentration Trend

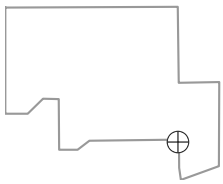
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/09/2000 to 10/11/2016
Analysis Date: 03/07/2017

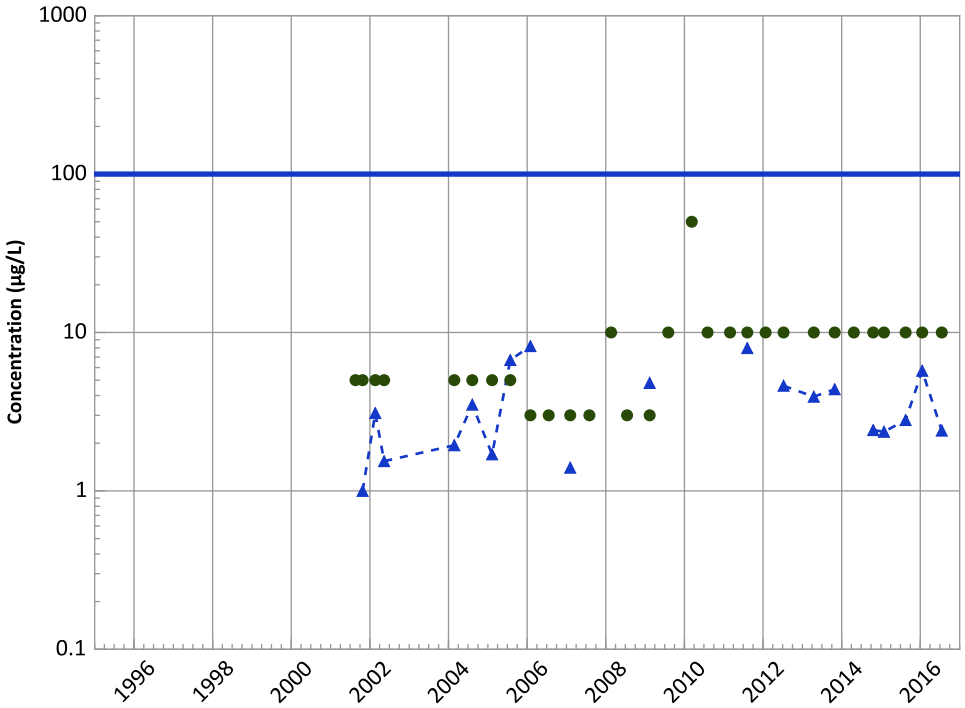
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

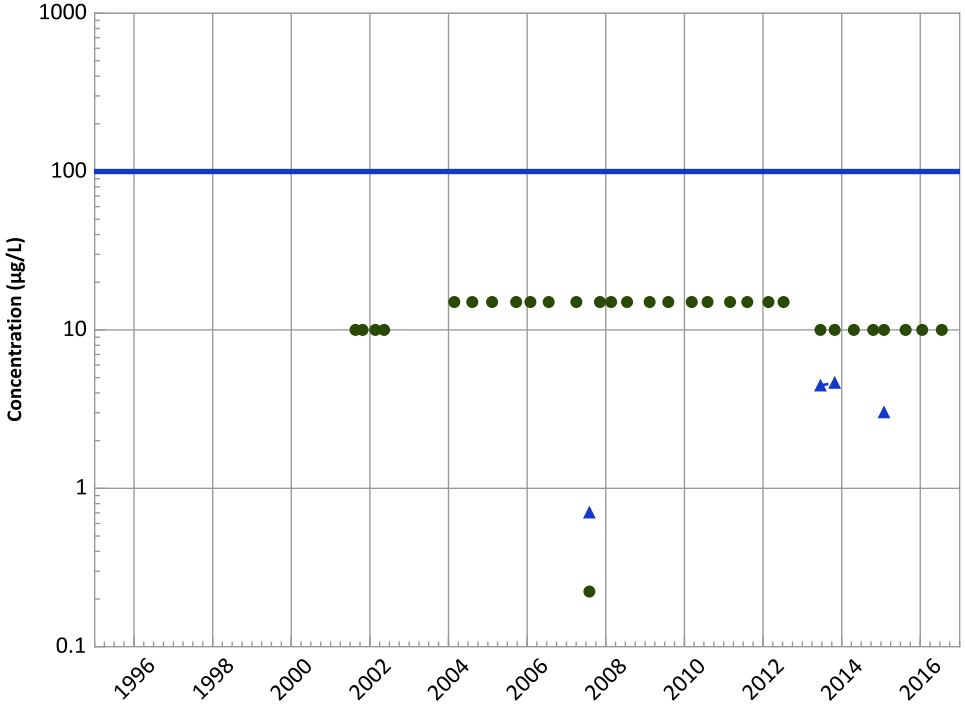


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Probably Increasing

Chromium, Hexavalent Trend



Concentration Trend

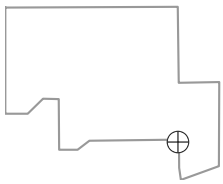
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/09/2000 to 10/11/2016
Analysis Date: 03/07/2017

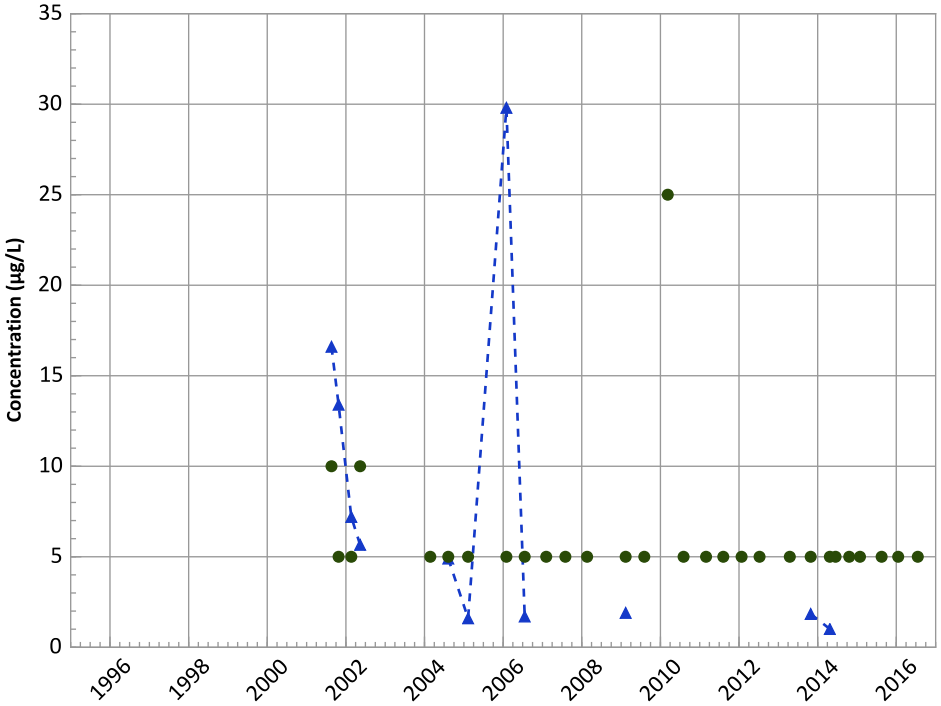
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

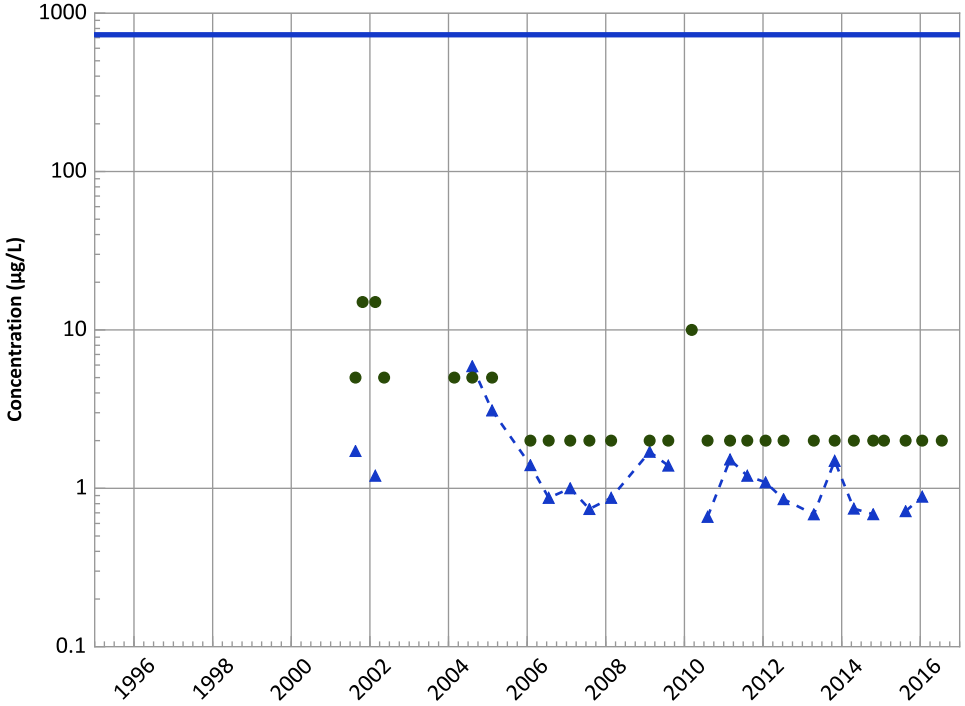


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Nickel Trend



Concentration Trend

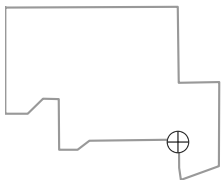
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/09/2000 to 10/11/2016
Analysis Date: 03/07/2017

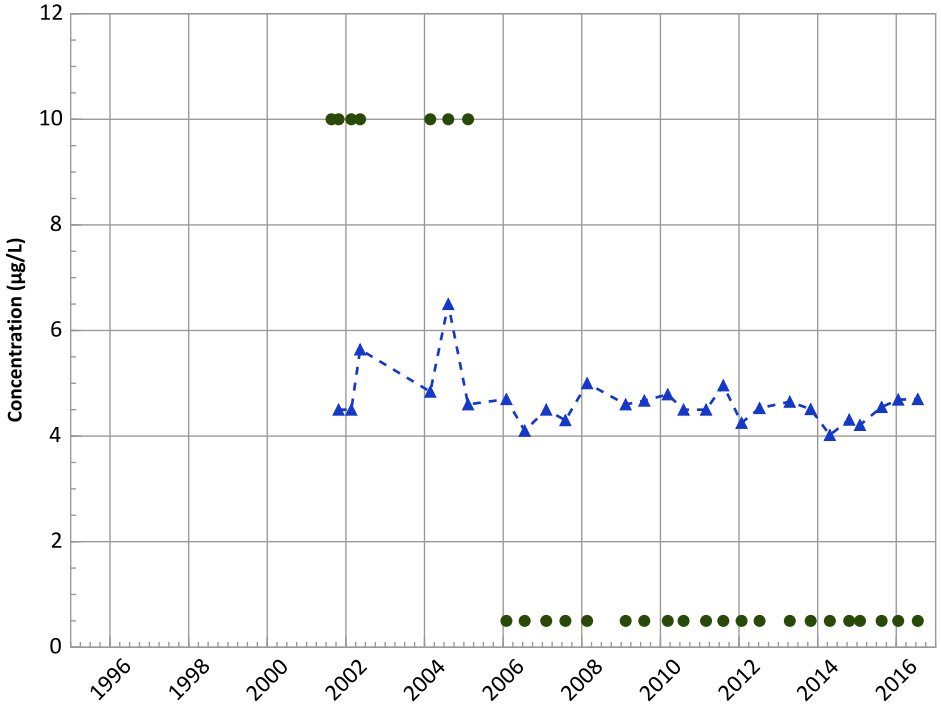
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

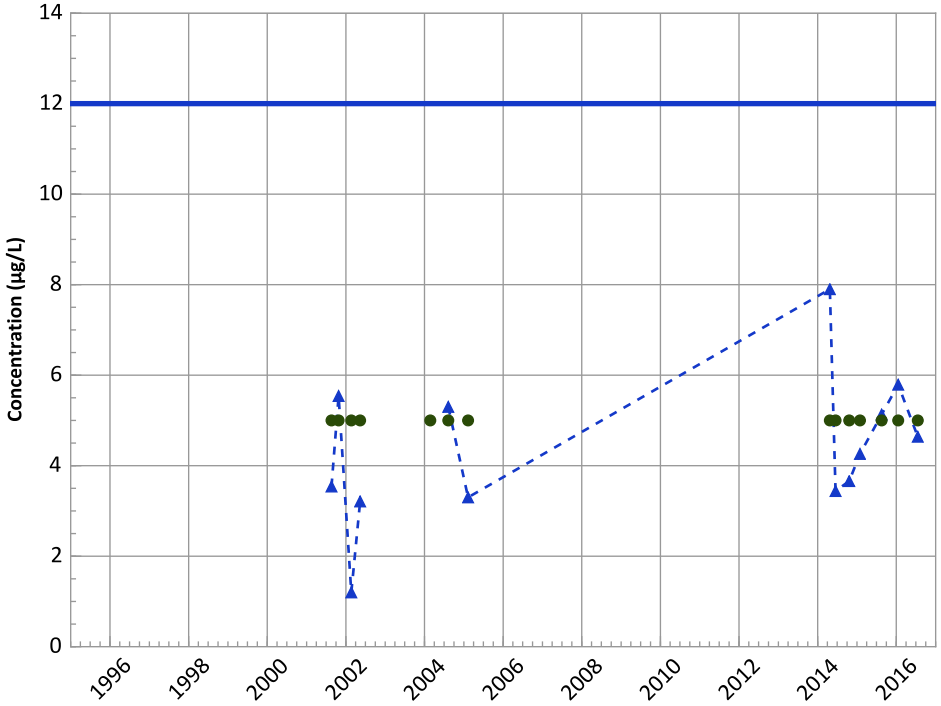


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Arsenic Trend



Concentration Trend

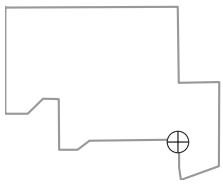
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/09/2000 to 10/11/2016
Analysis Date: 03/07/2017

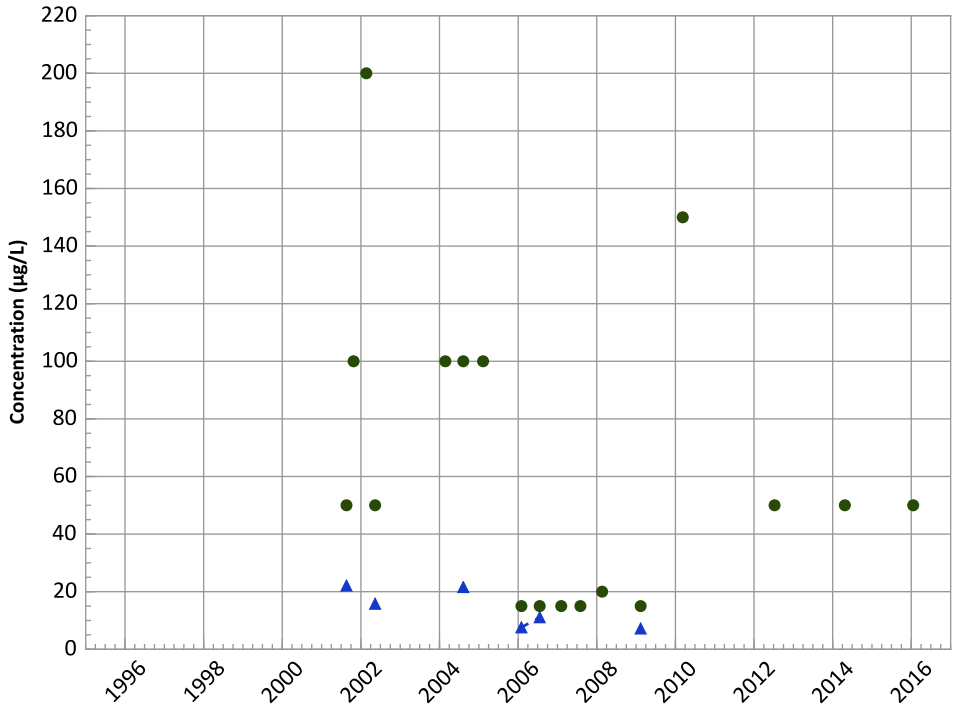
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

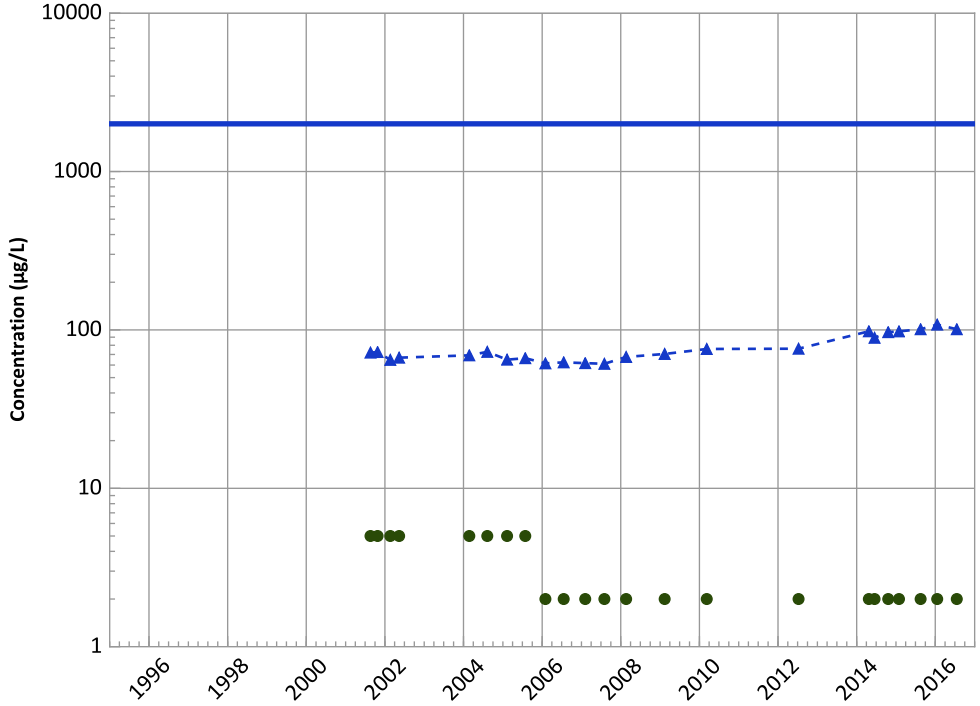


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
Decreasing

Barium Trend



Concentration Trend

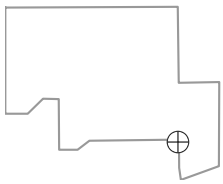
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/09/2000 to 10/11/2016
Analysis Date: 03/07/2017

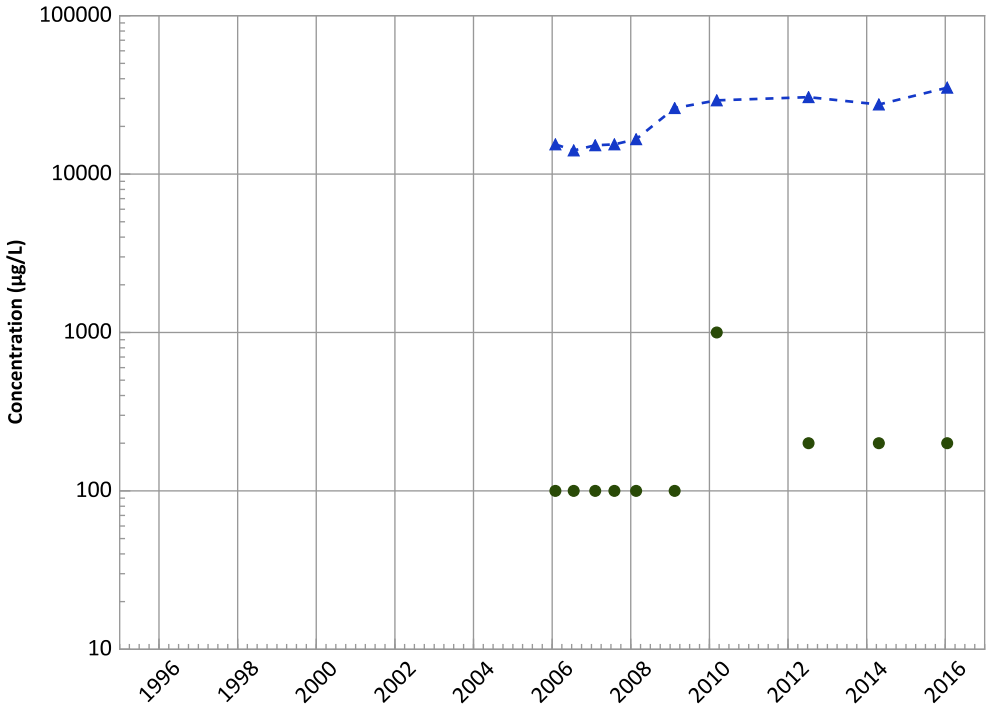
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

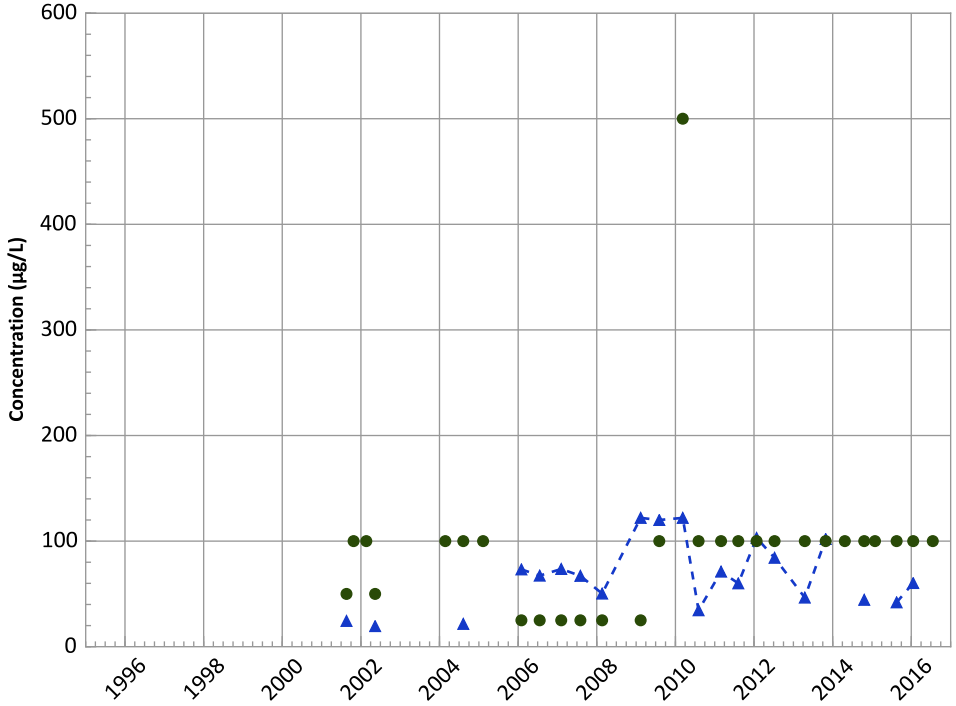


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Iron Trend



Concentration Trend

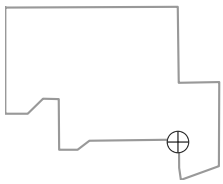
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/09/2000 to 10/11/2016
Analysis Date: 03/07/2017

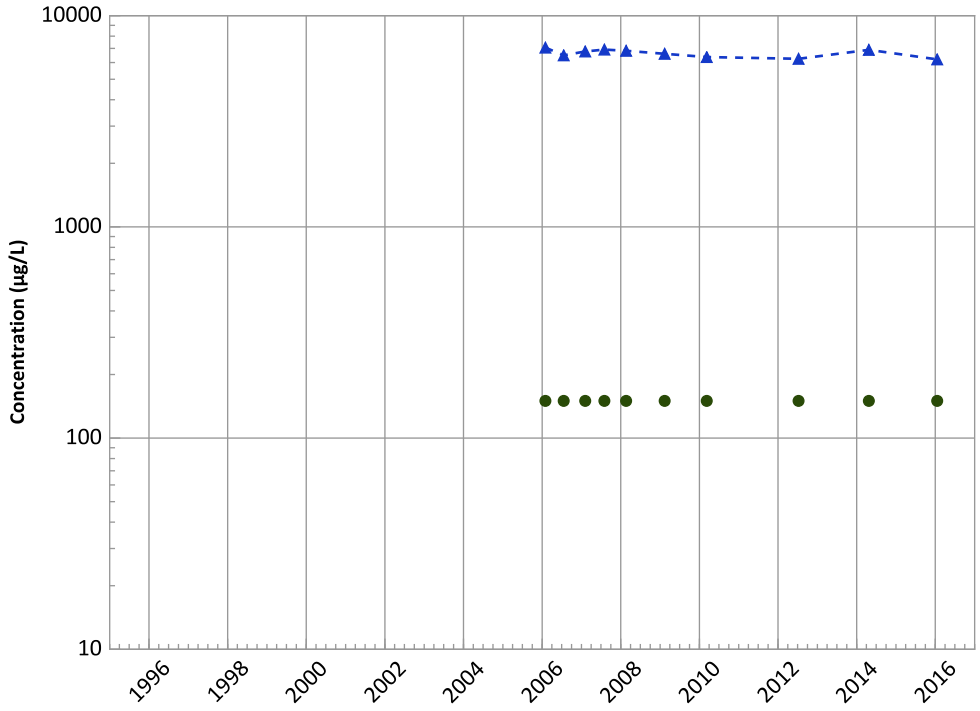
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

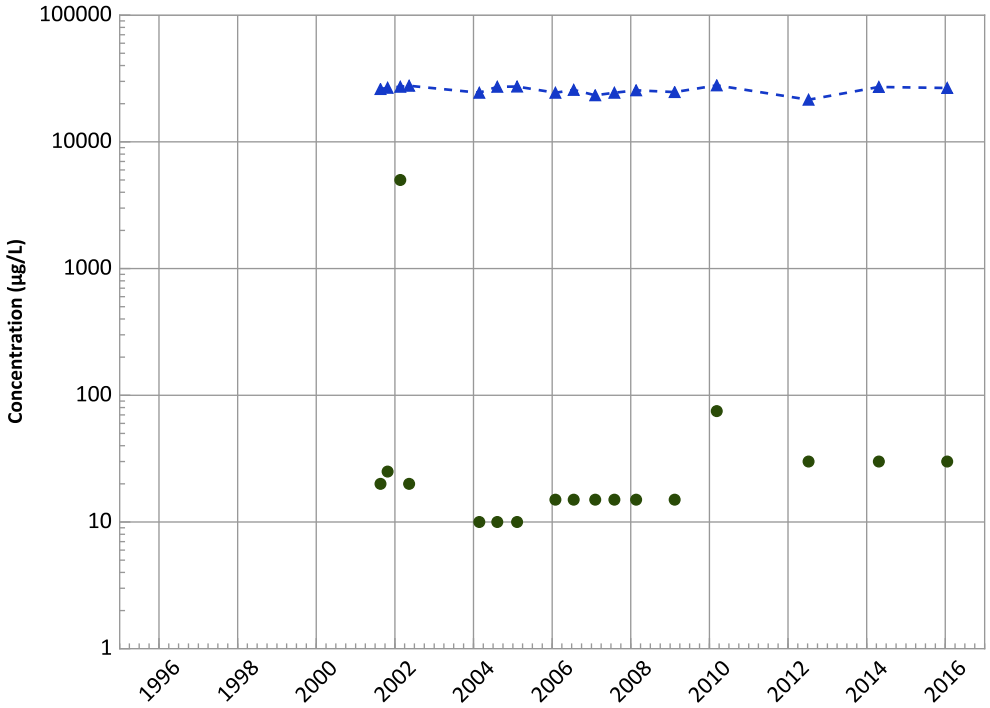


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Magnesium Trend



Concentration Trend

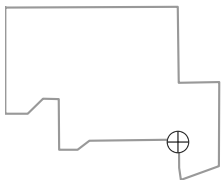
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/09/2000 to 10/11/2016
Analysis Date: 03/07/2017

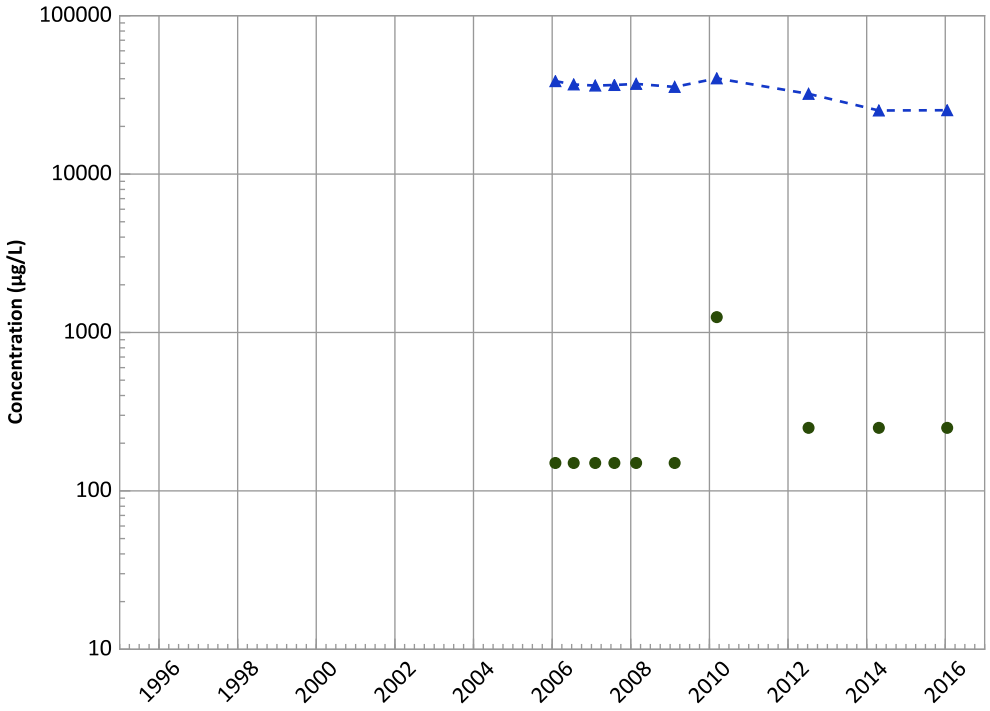
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend

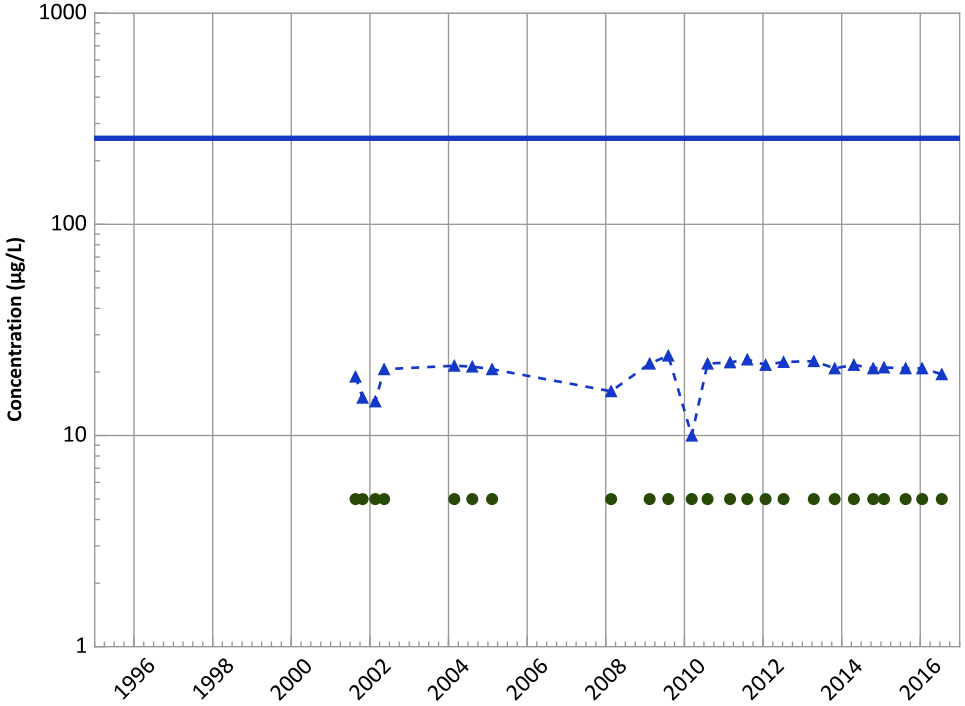


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Vanadium Trend



Concentration Trend

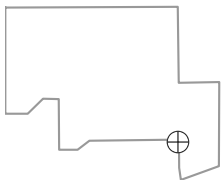
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/09/2000 to 10/11/2016
Analysis Date: 03/07/2017

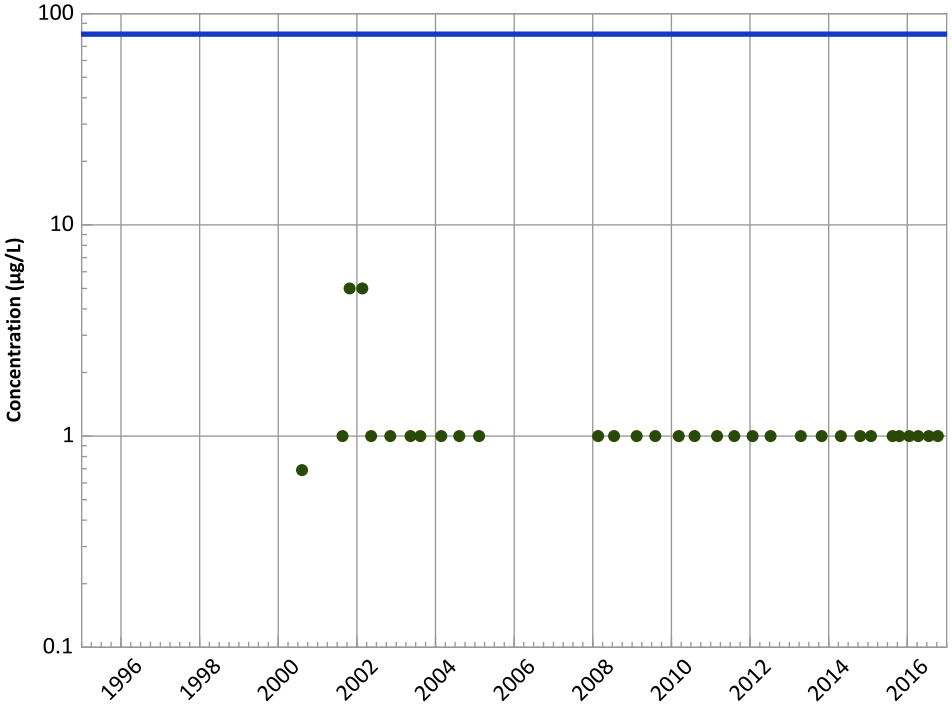
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

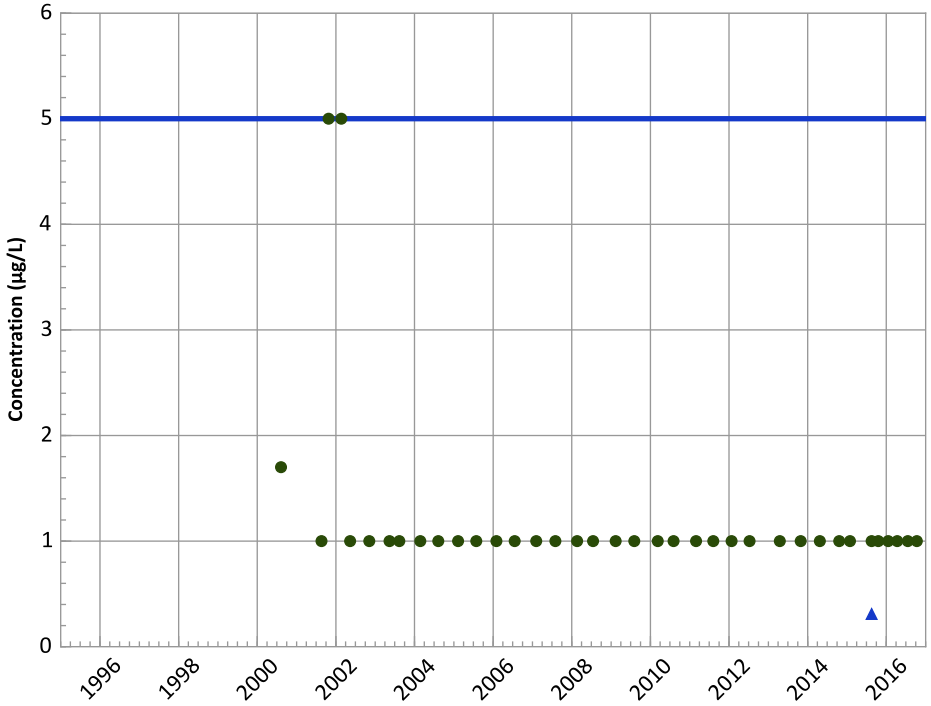


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

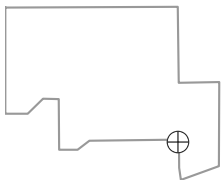
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/09/2000 to 10/11/2016
Analysis Date: 03/07/2017

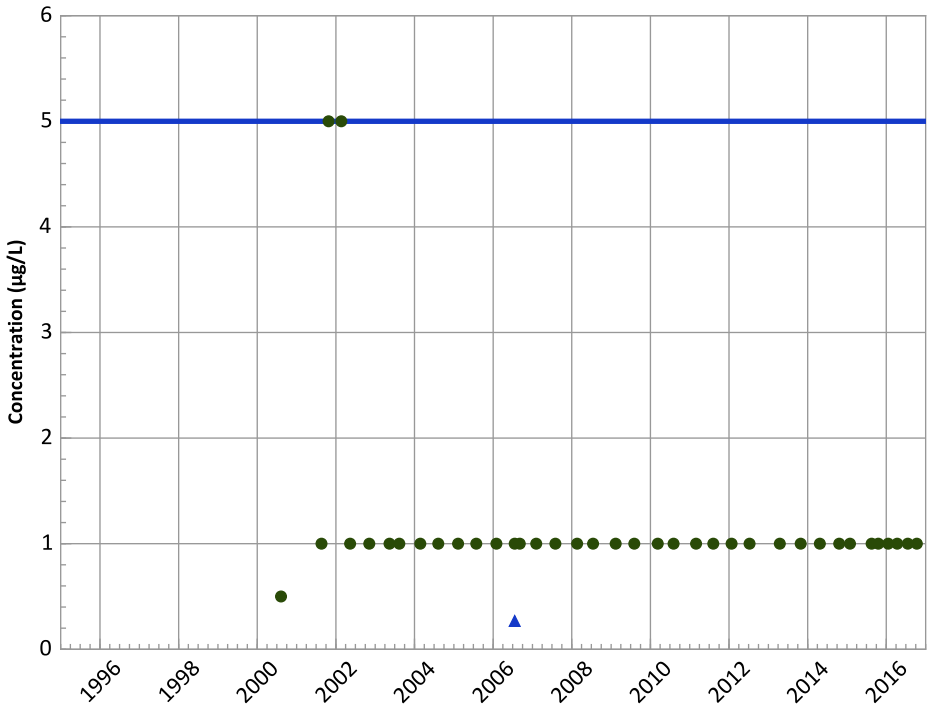
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

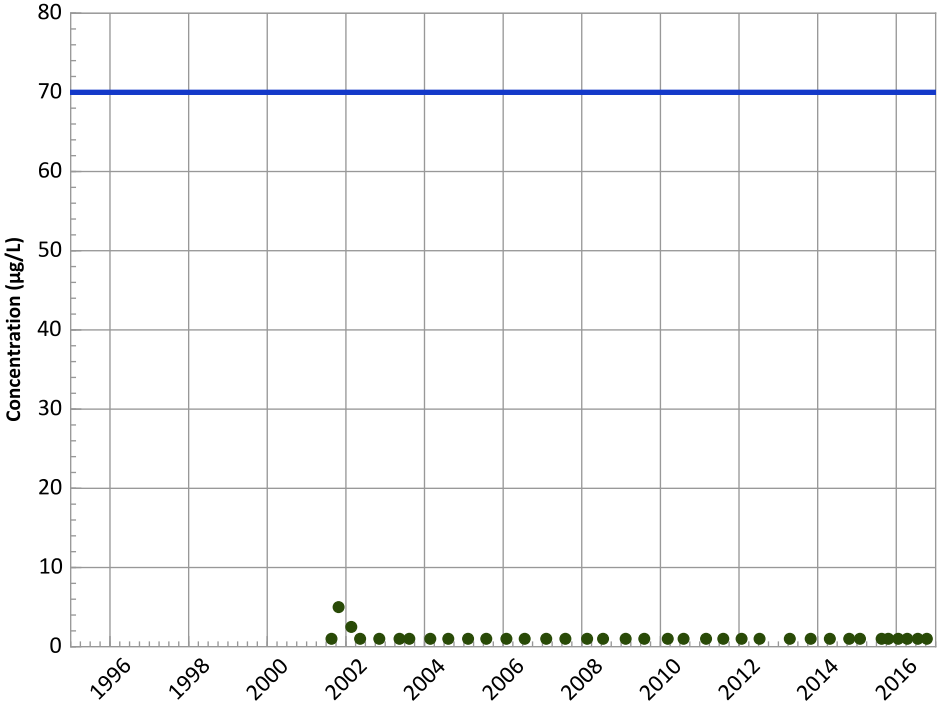


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend



Concentration Trend

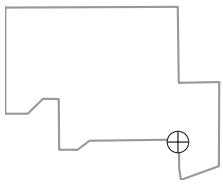
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/09/2000 to 10/11/2016
Analysis Date: 03/07/2017

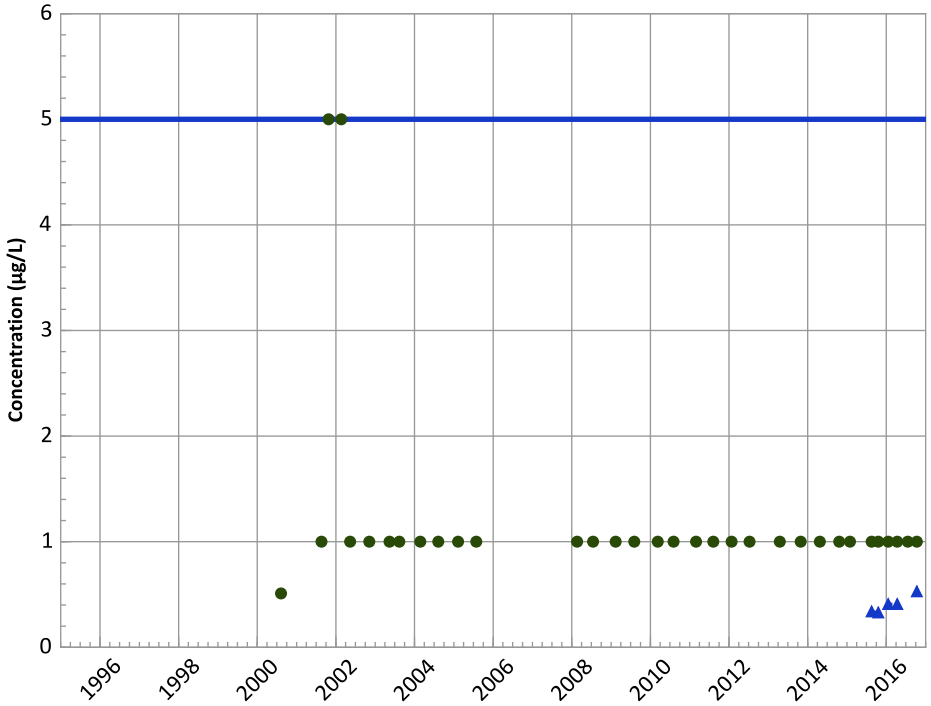
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

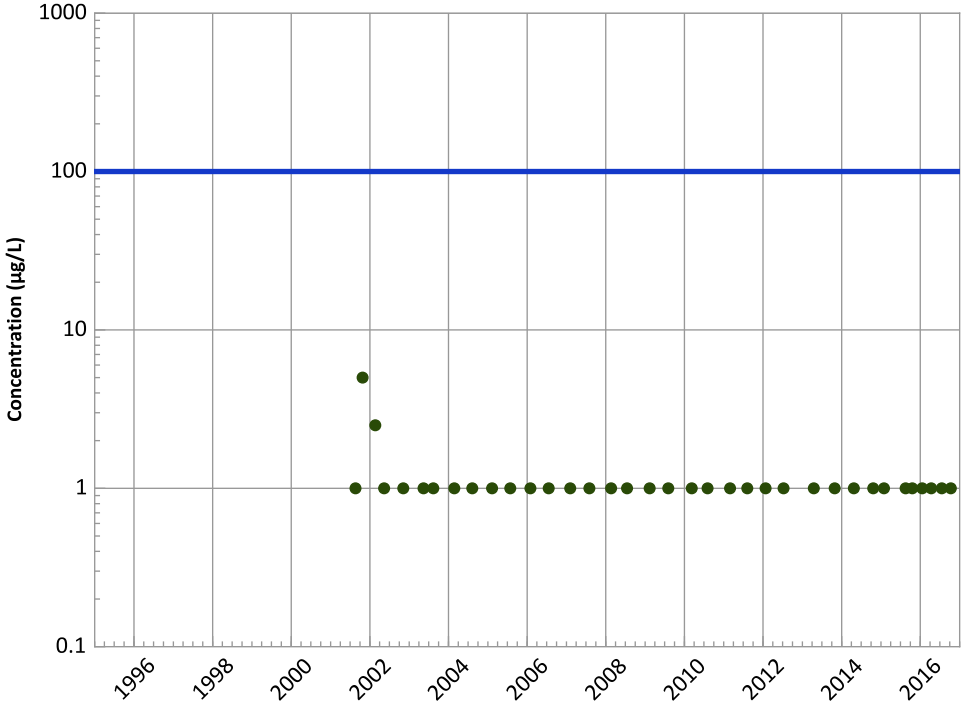


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

trans-1,2-Dichloroethene Trend



Concentration Trend

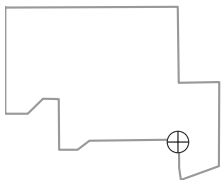
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/09/2000 to 10/11/2016
Analysis Date: 03/07/2017

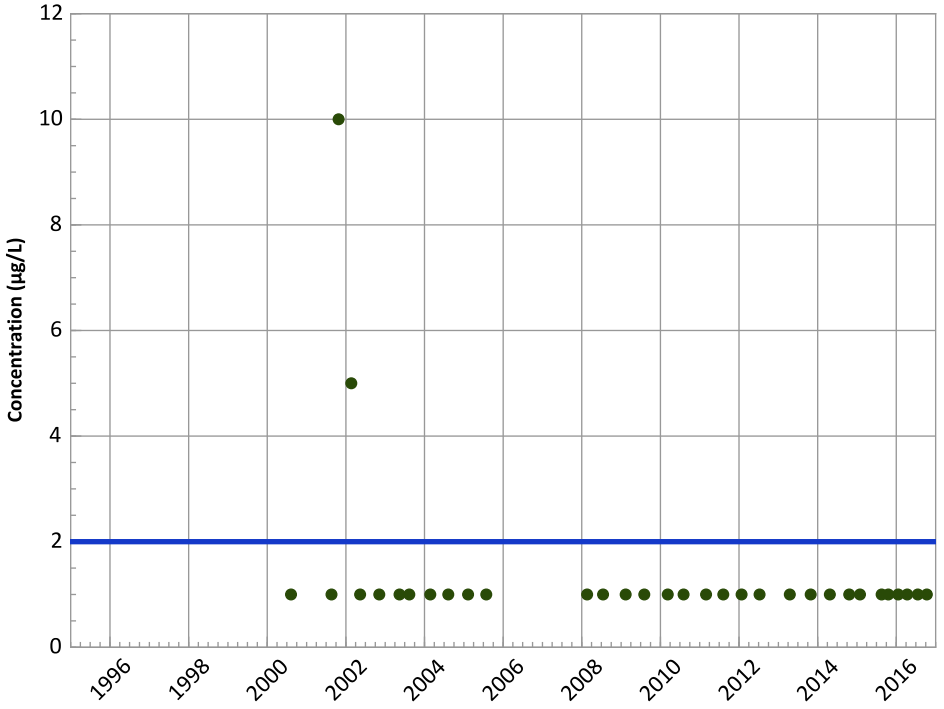
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend



Concentration Trend

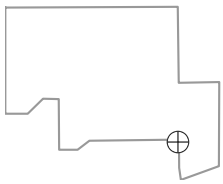
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

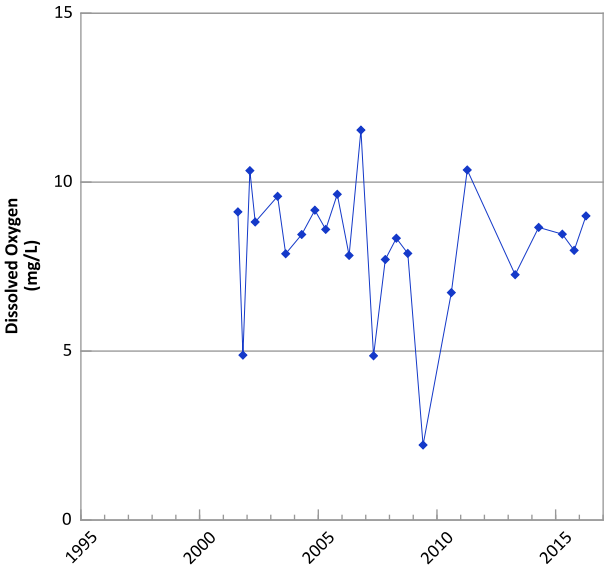
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/09/2000 to 10/11/2016
Analysis Date: 03/07/2017

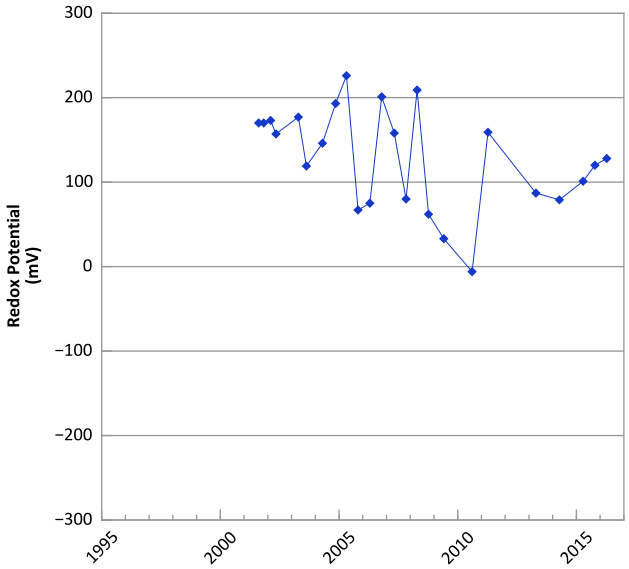
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

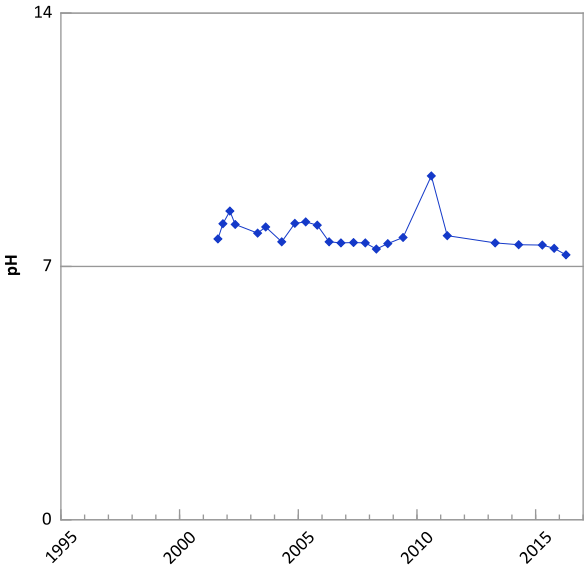
Well Location

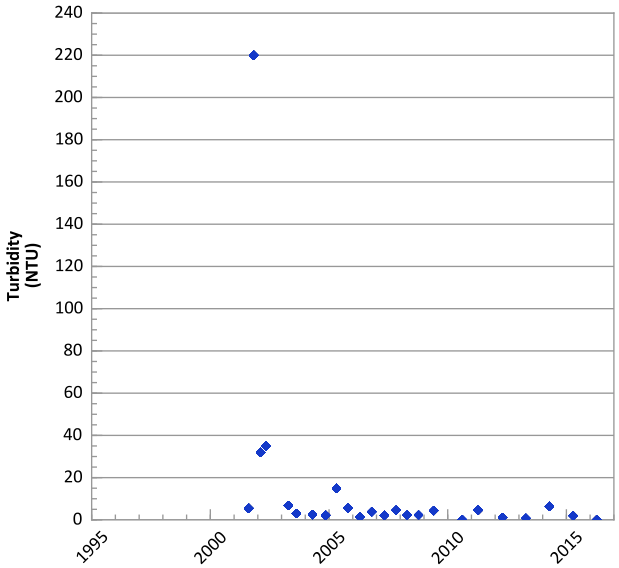


PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



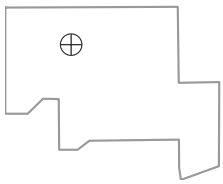






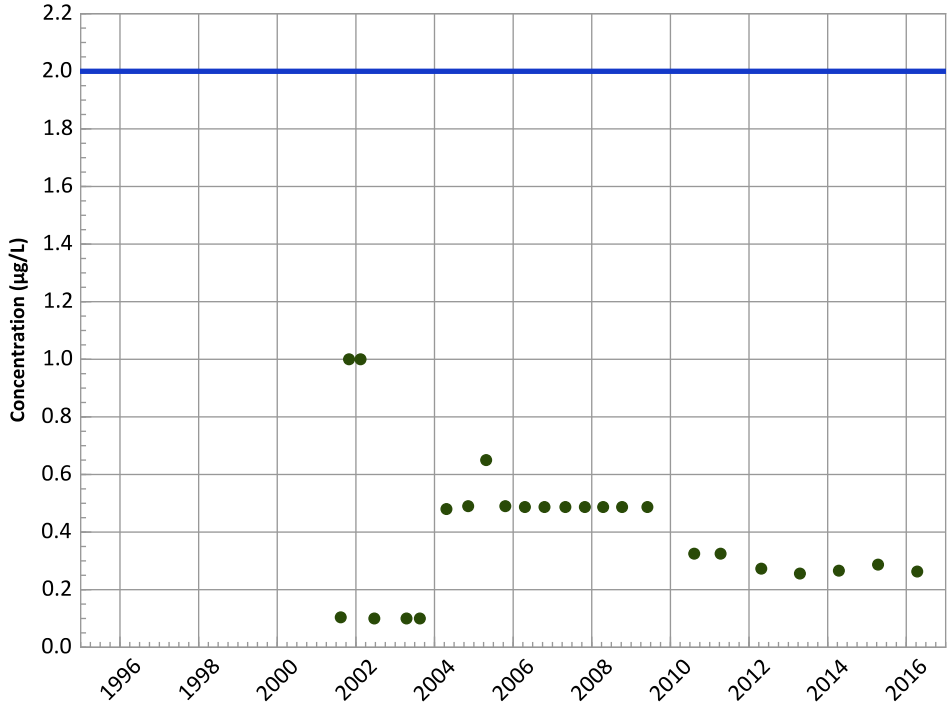
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

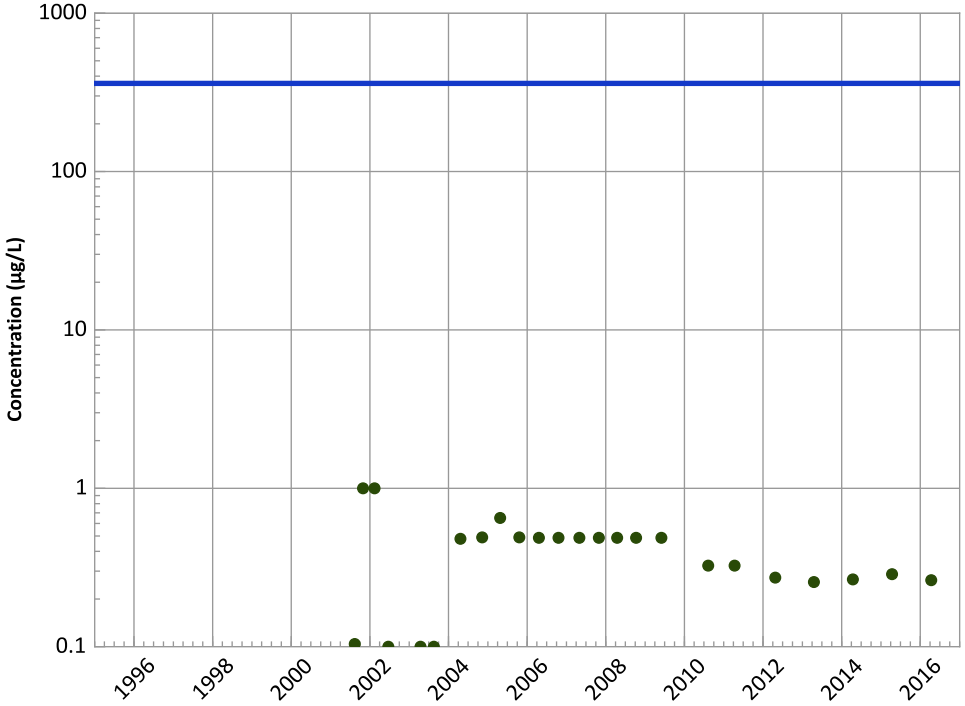


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

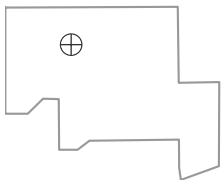
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

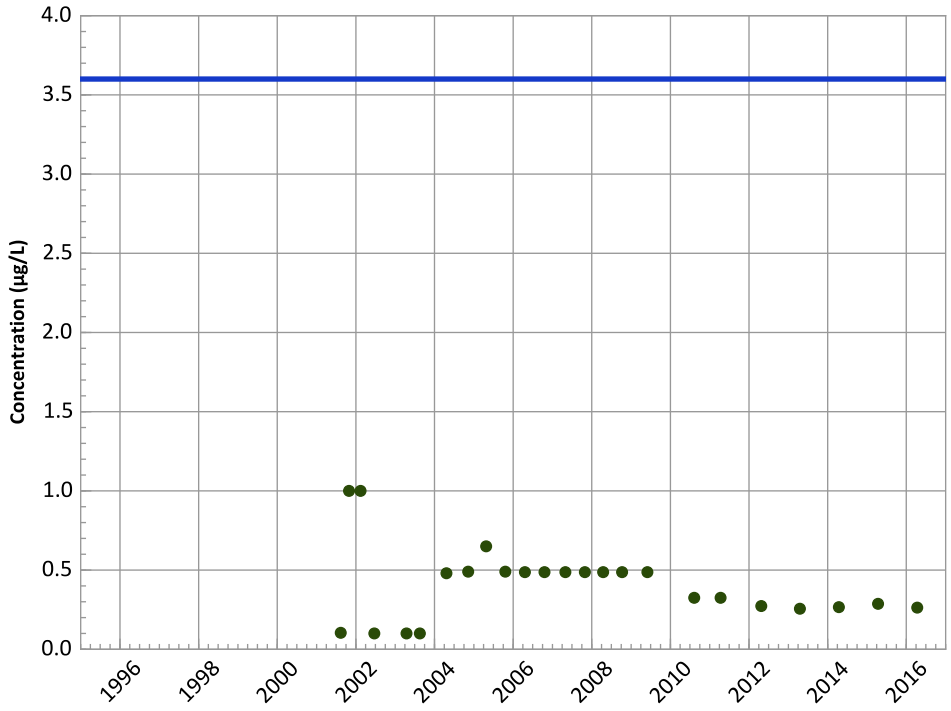
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

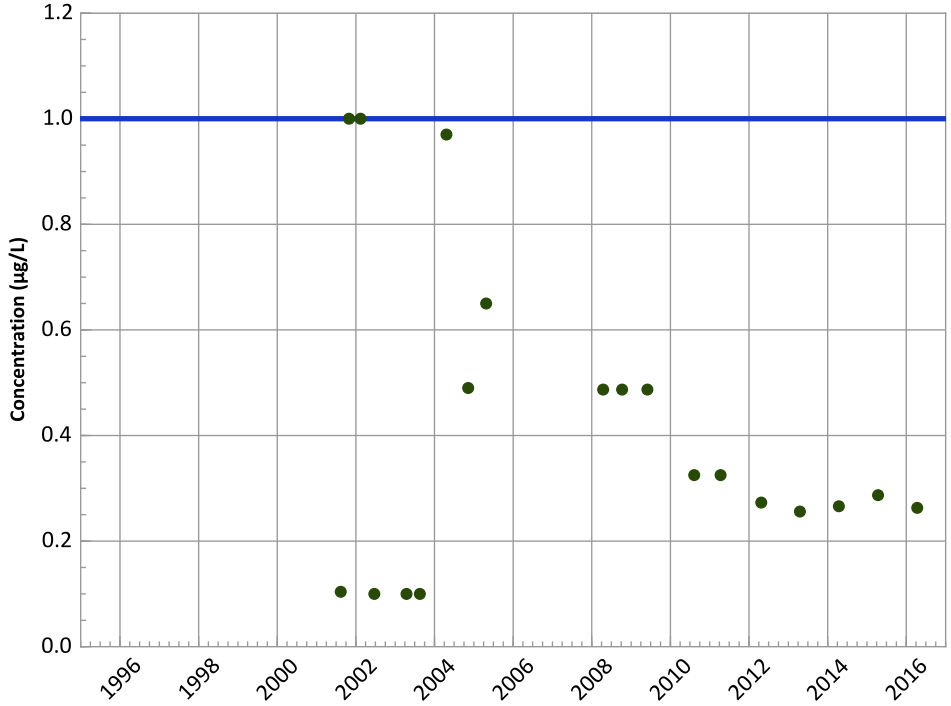


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

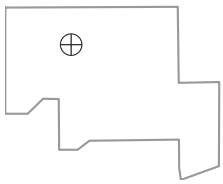
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

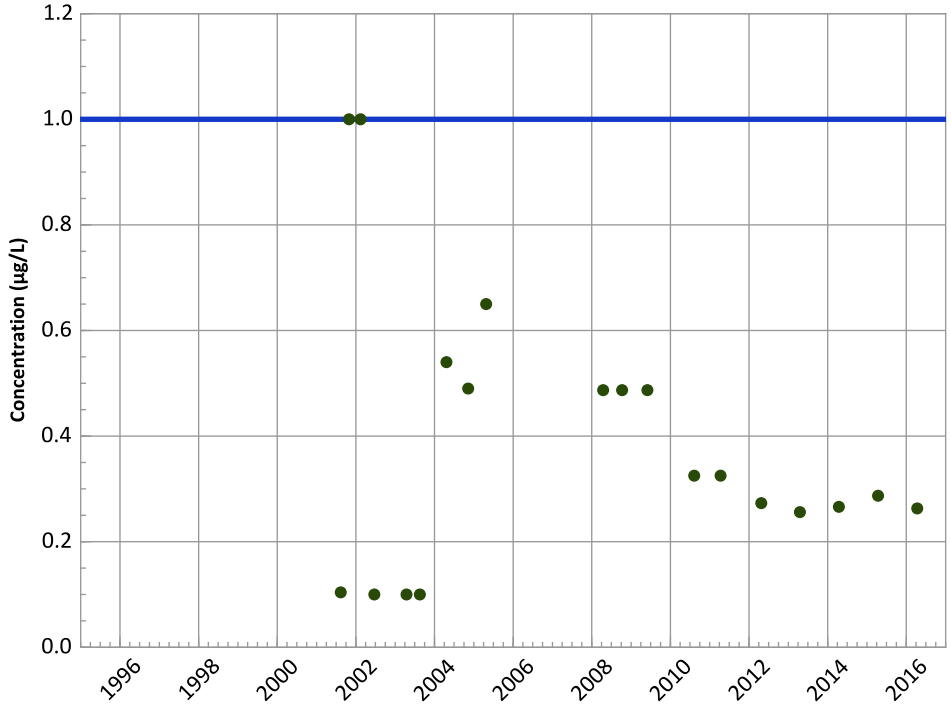
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

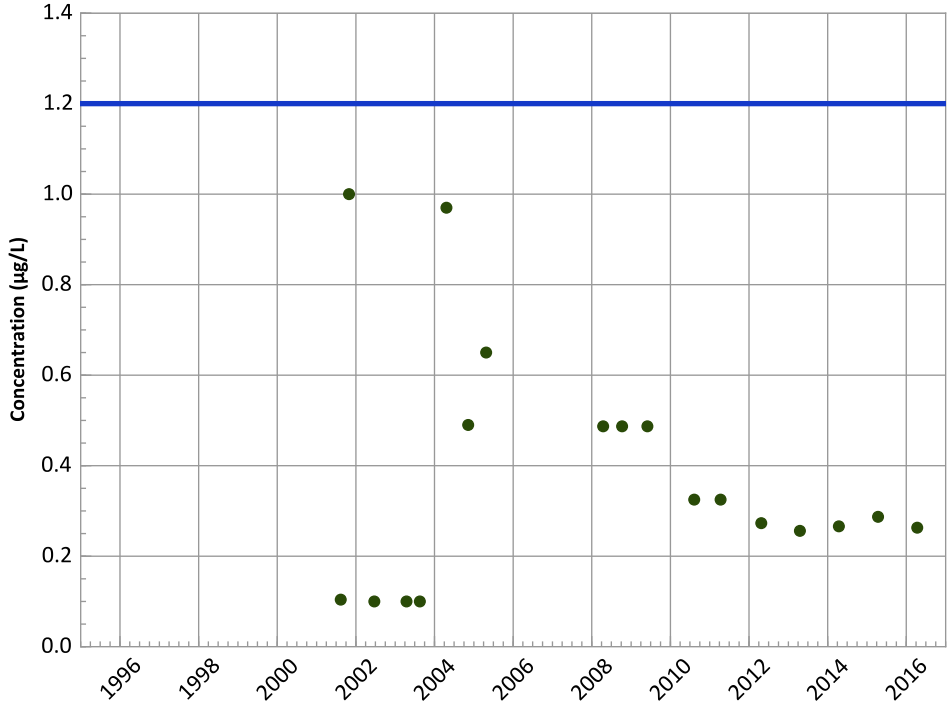


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

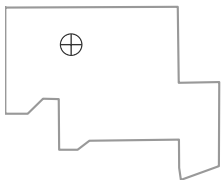
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

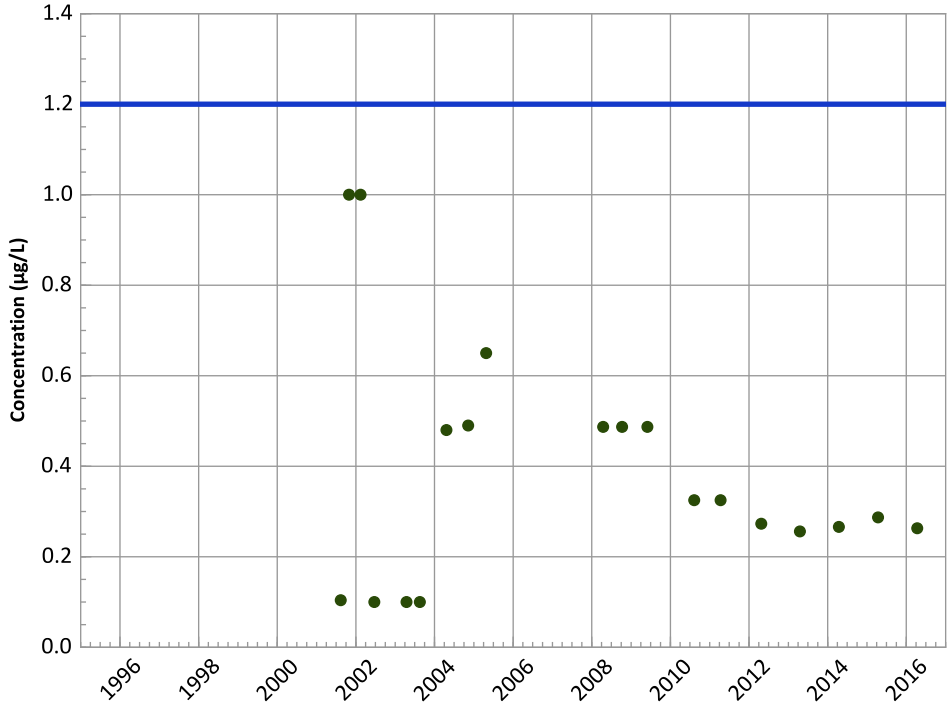
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

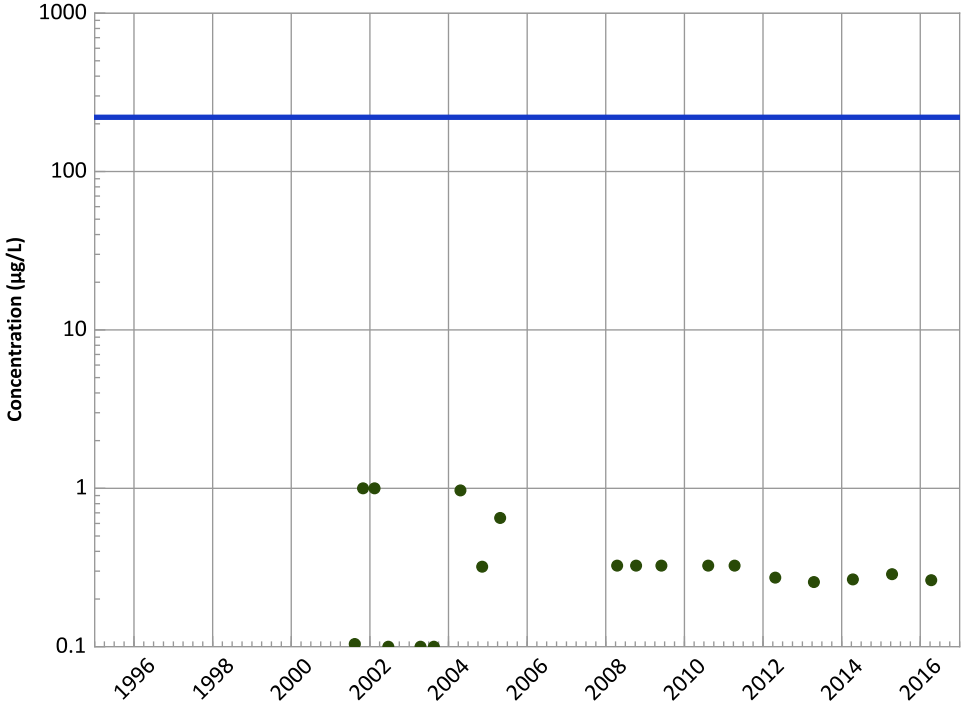


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

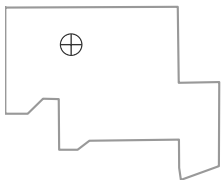
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

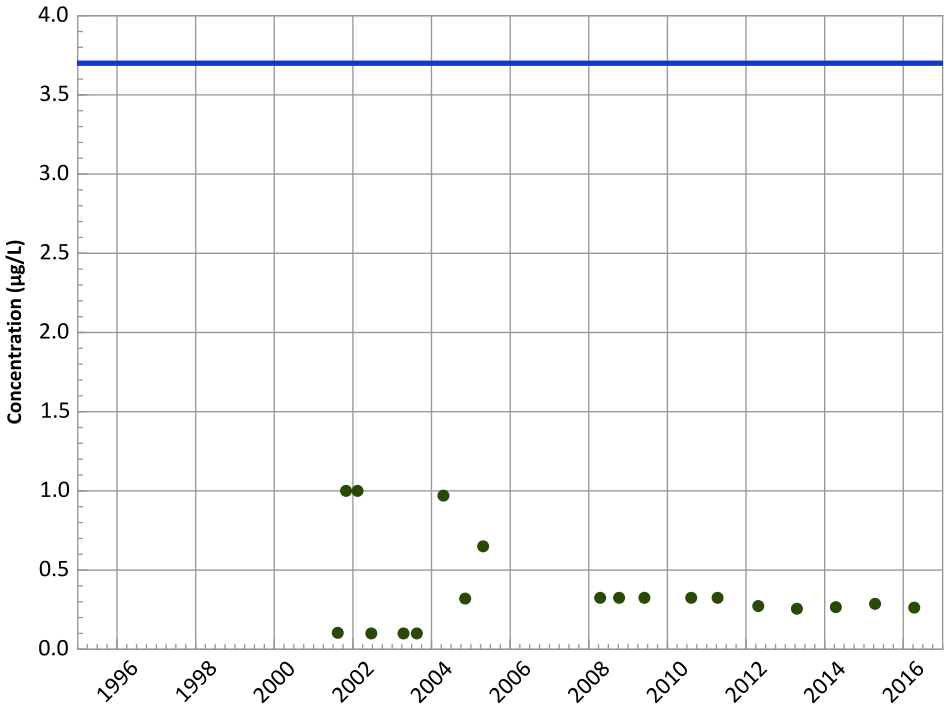
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

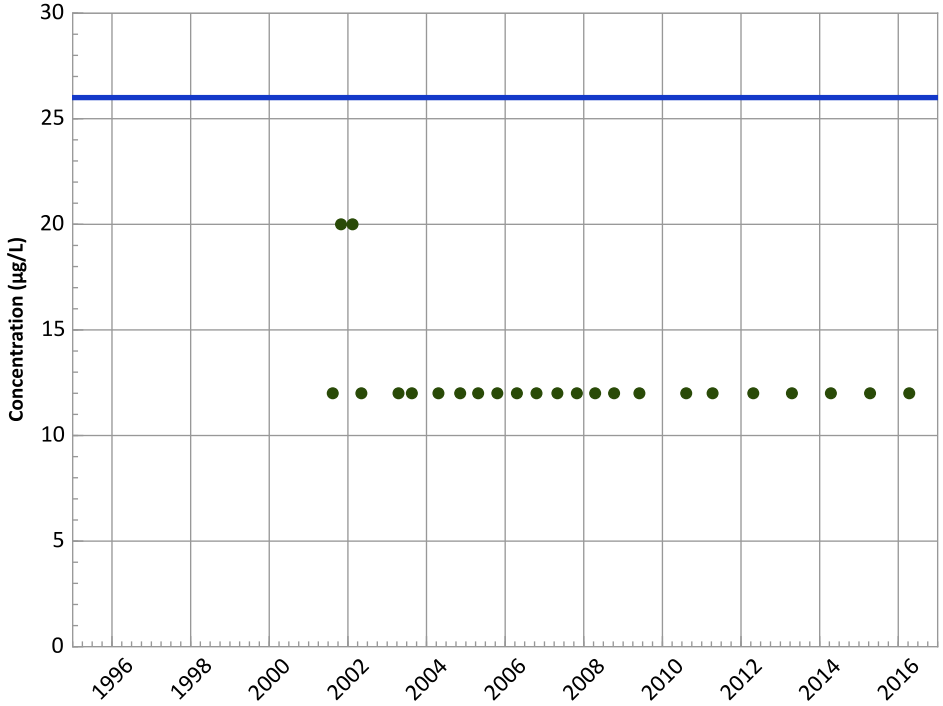


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

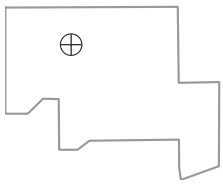
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

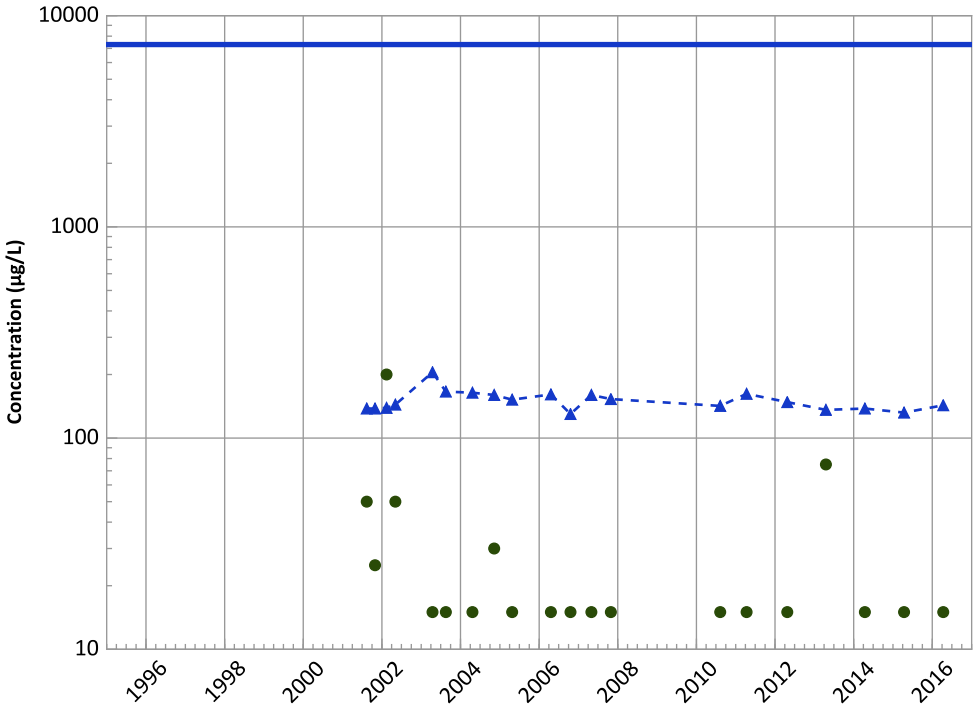
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

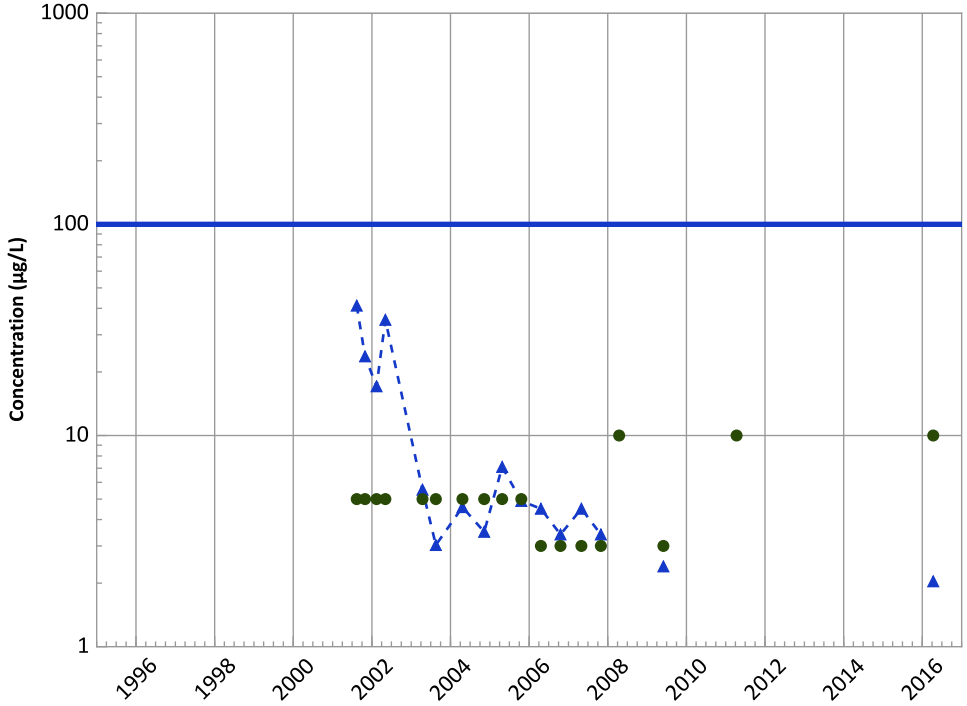


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Decreasing

Chromium, Total Trend



Concentration Trend

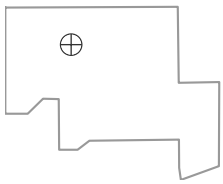
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

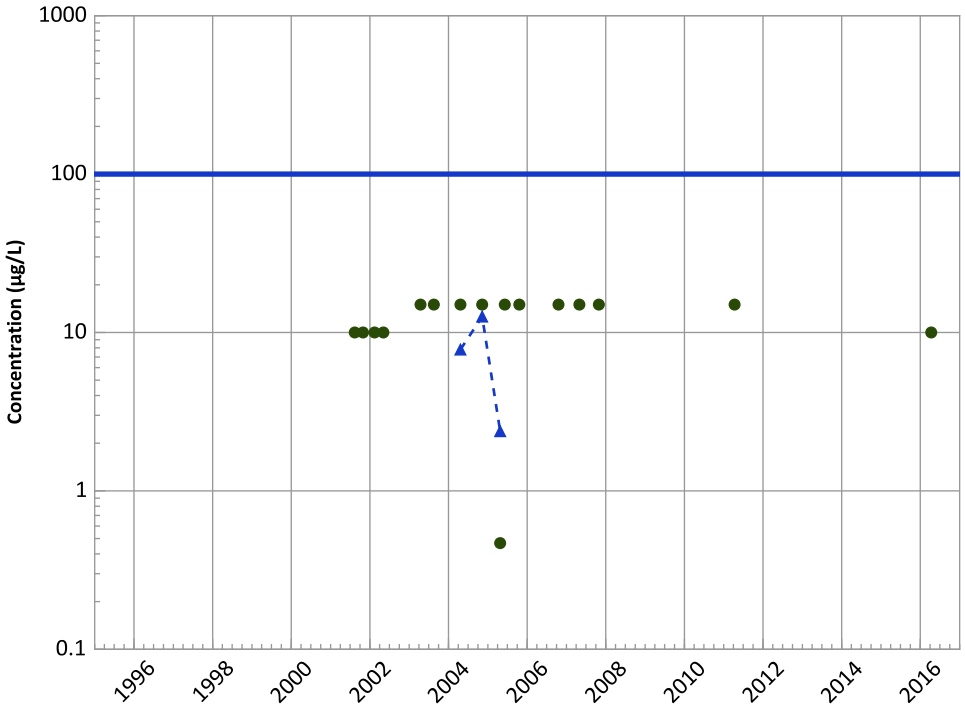
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

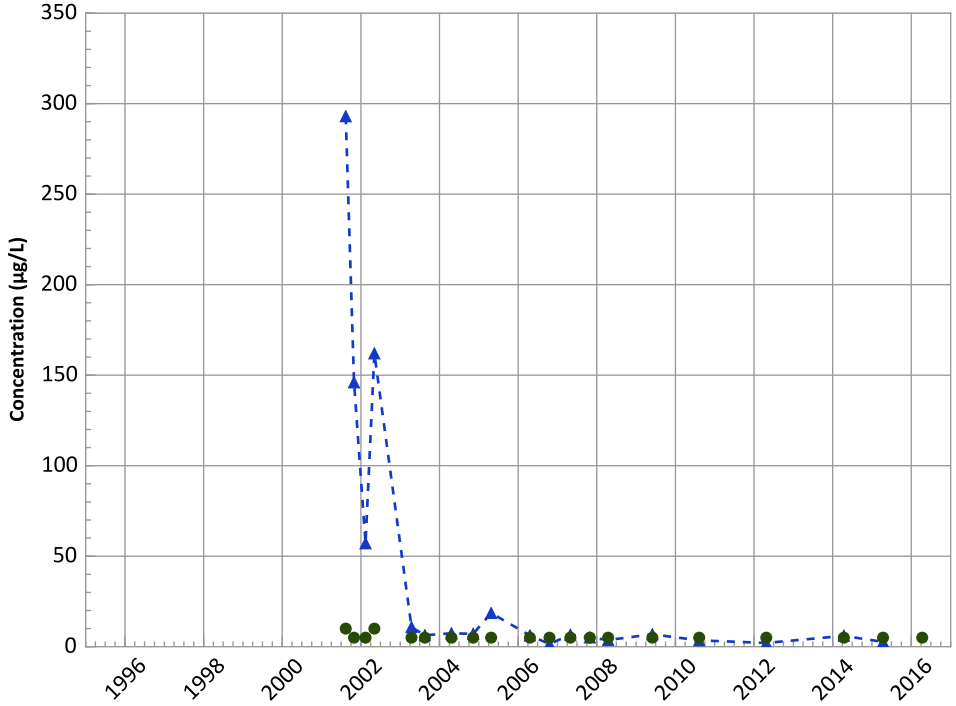


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

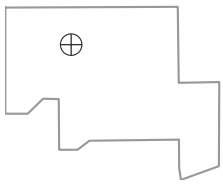
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

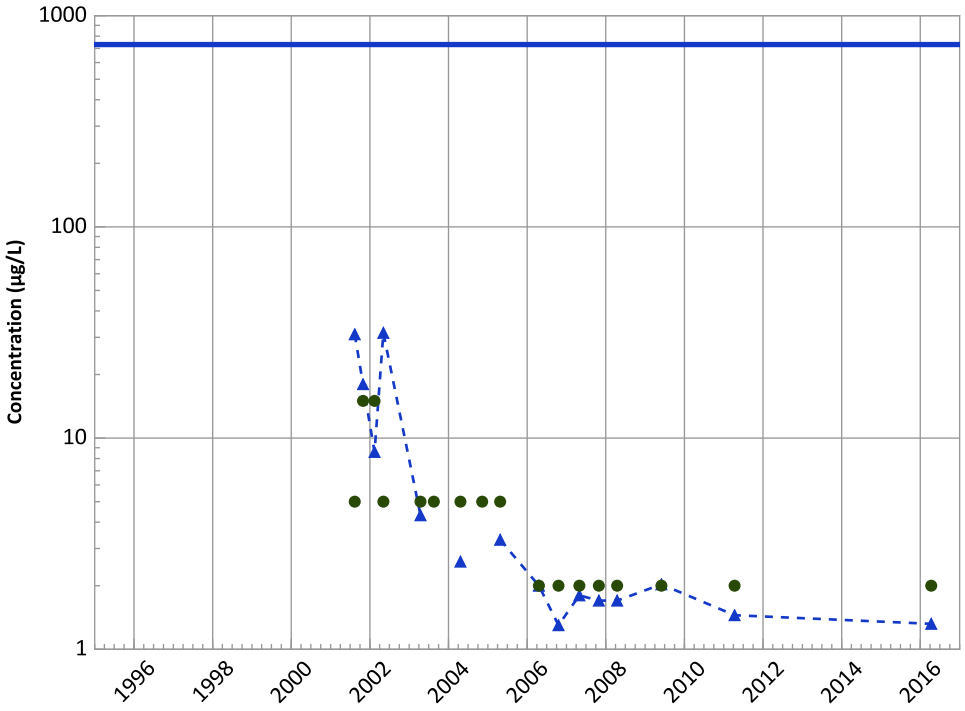
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

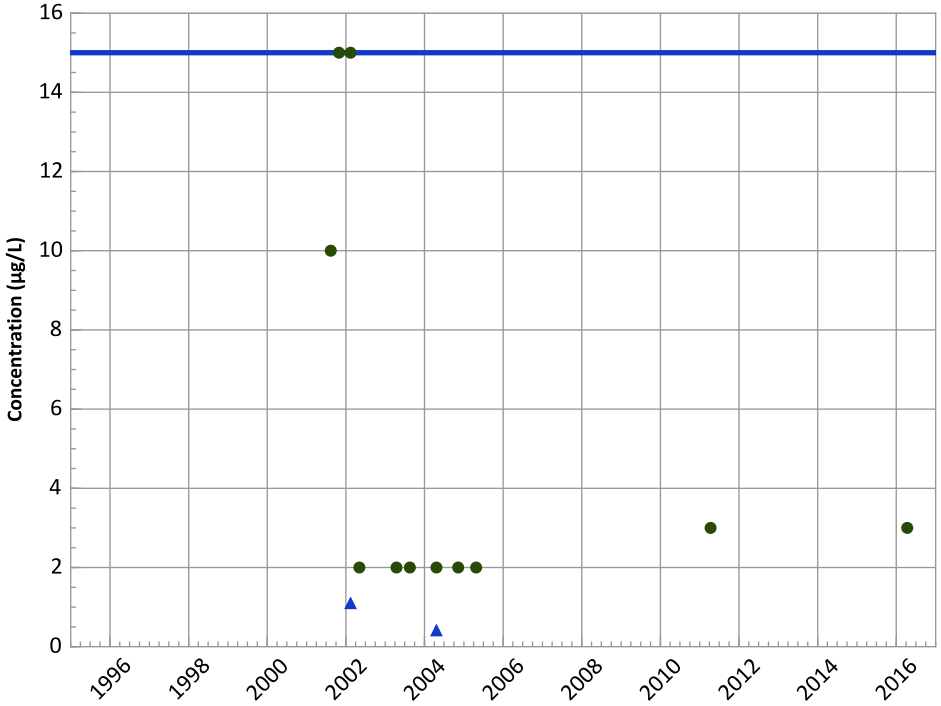


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Antimony Trend



Concentration Trend

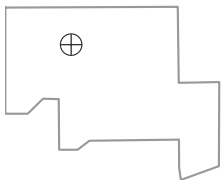
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

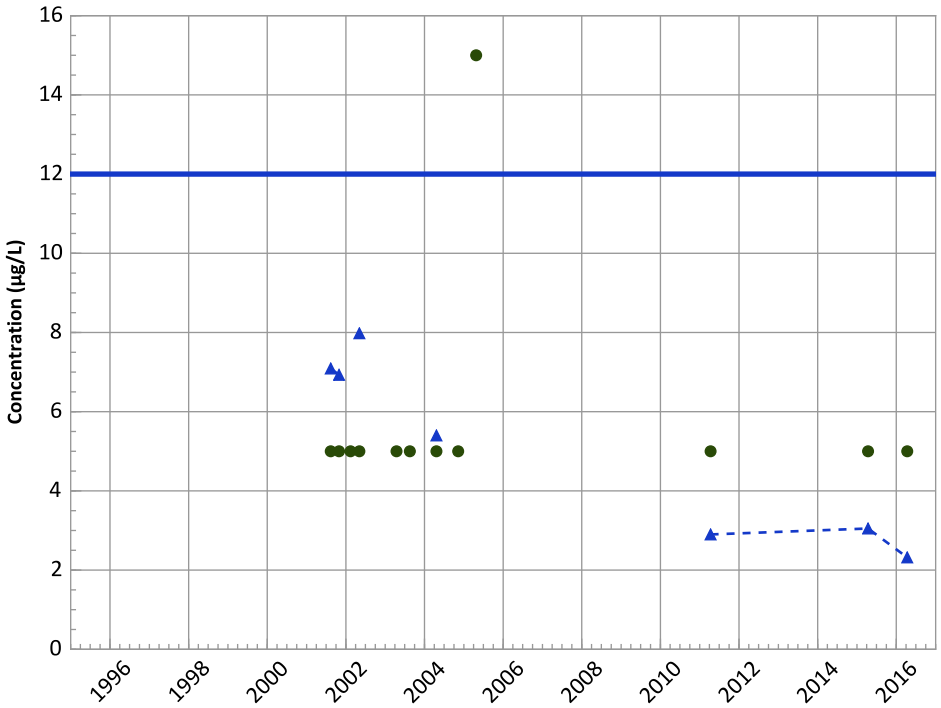
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

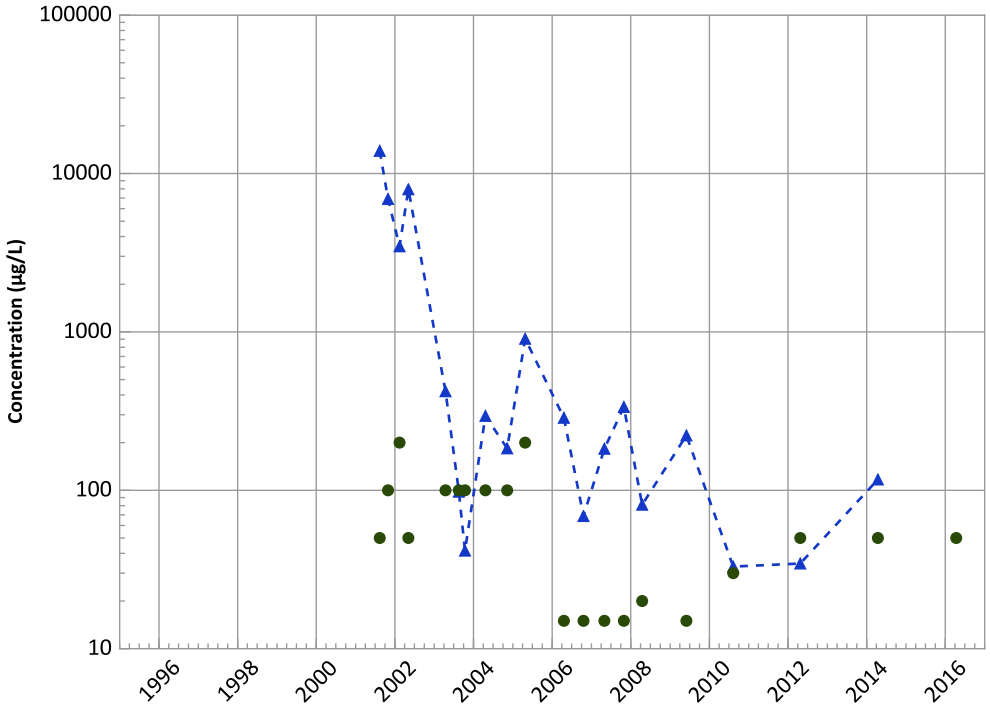


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Aluminum Trend



Concentration Trend

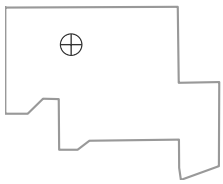
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

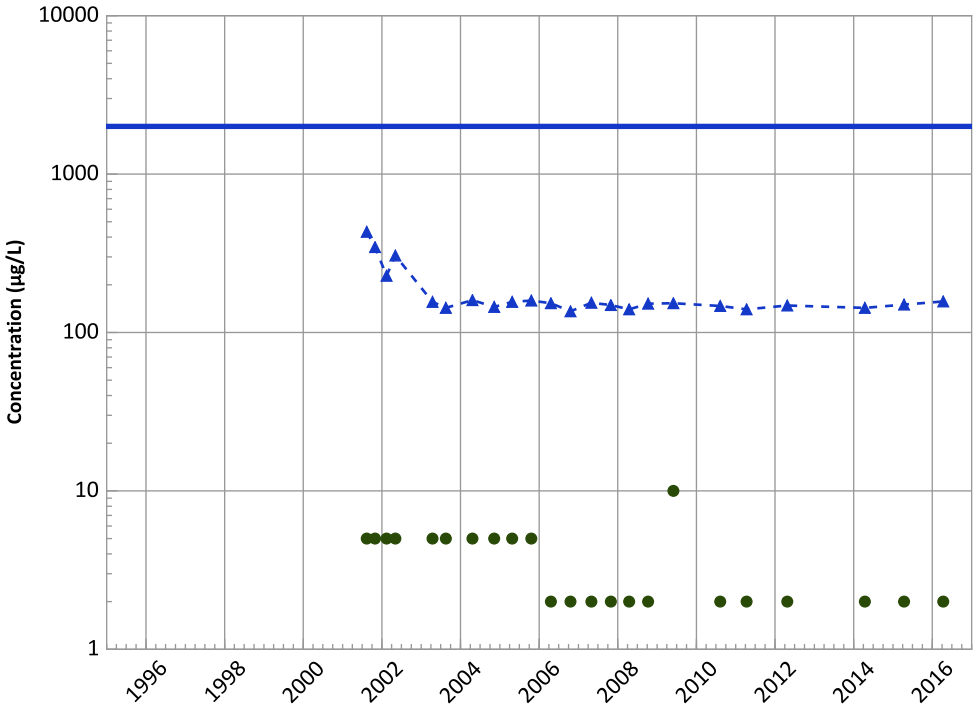
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

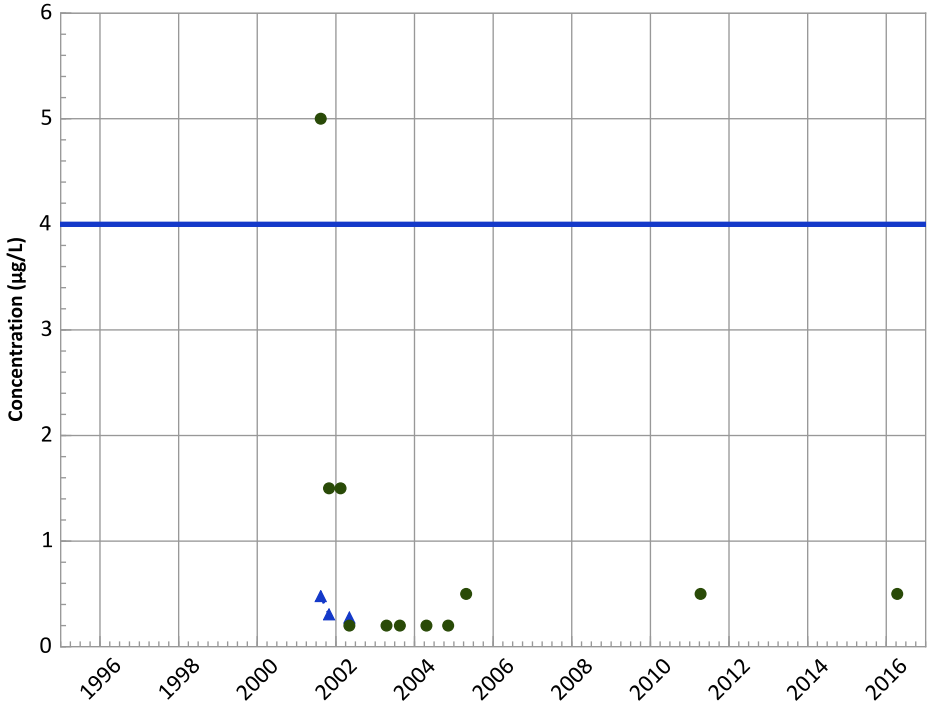


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Decreasing

Beryllium Trend



Concentration Trend

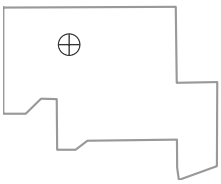
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

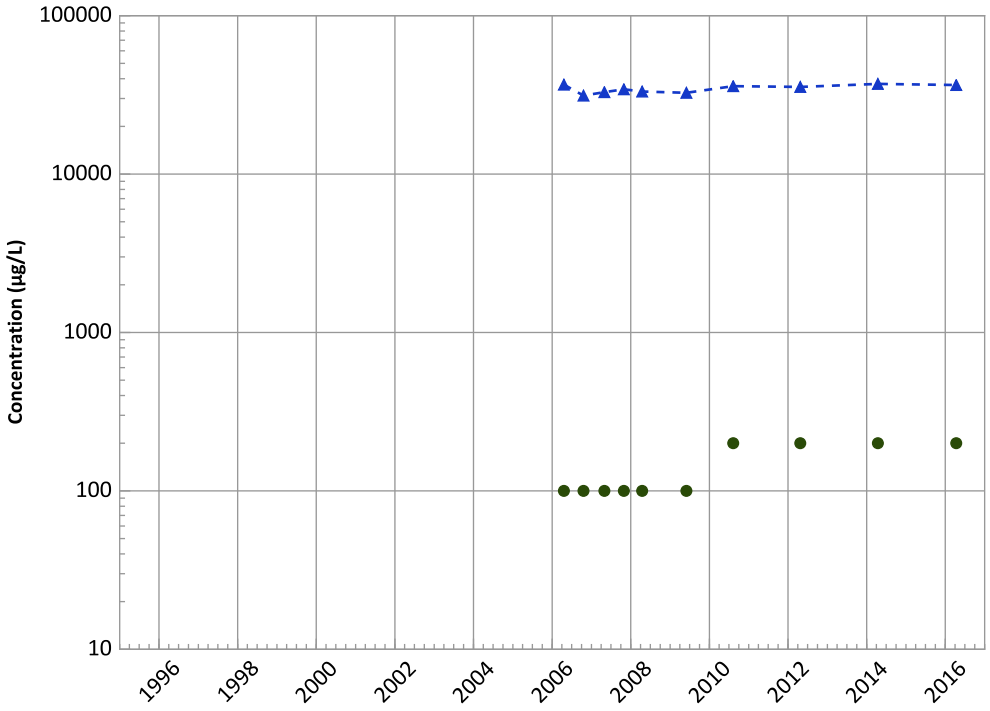
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

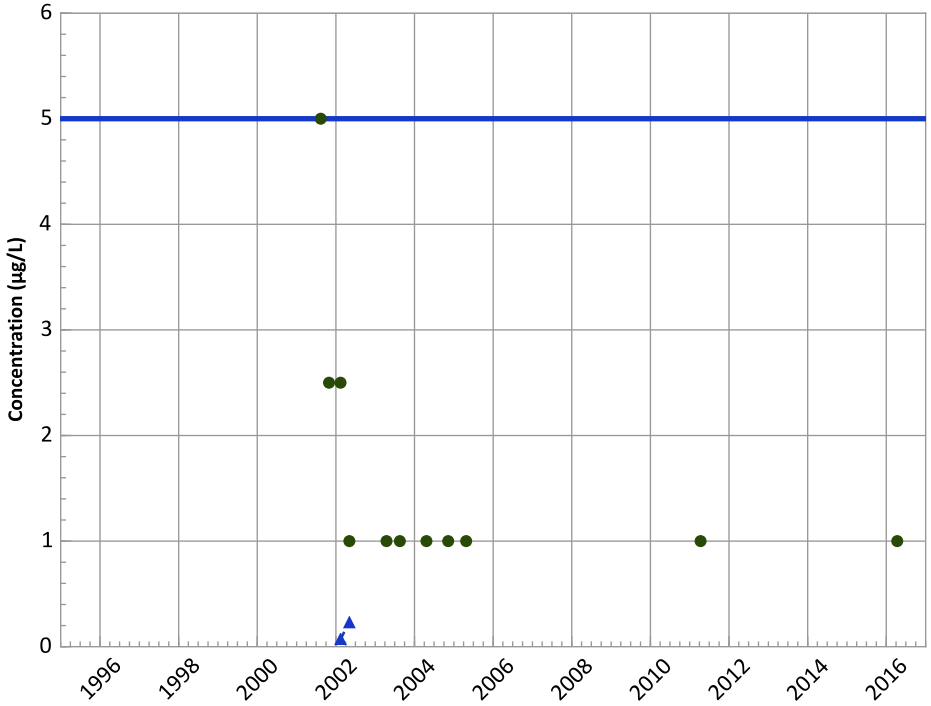


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Cadmium Trend



Concentration Trend

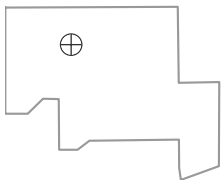
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

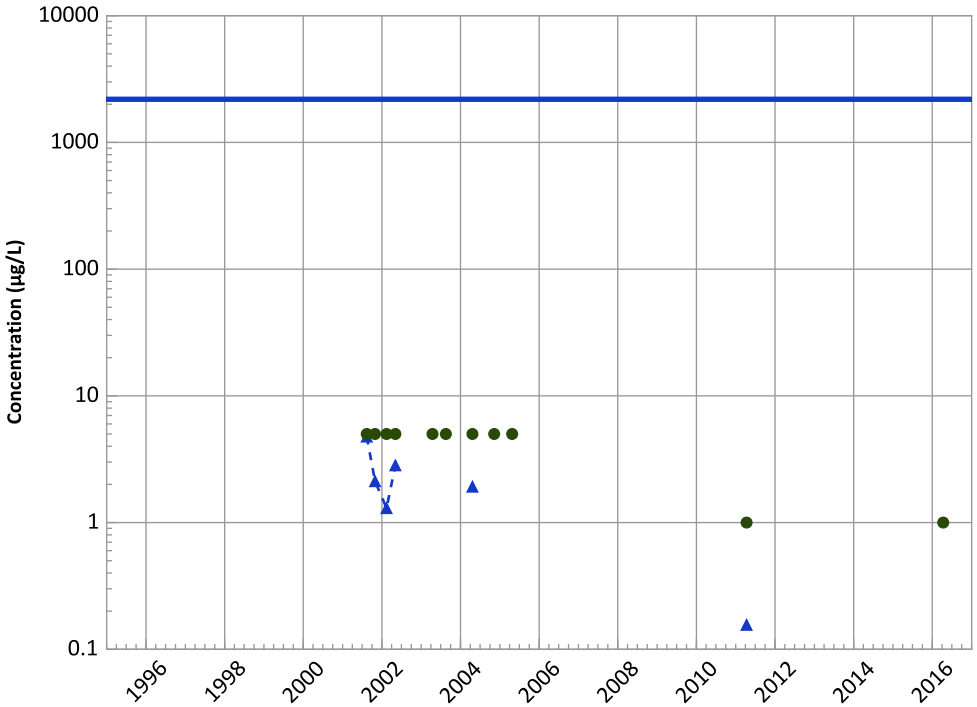
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Cobalt Trend

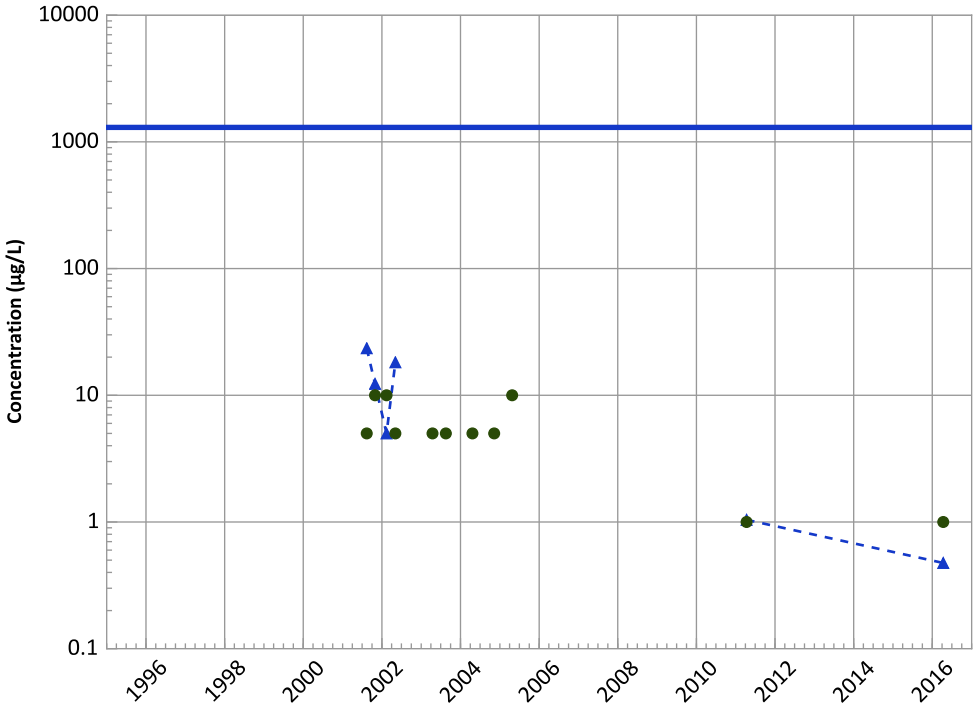


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Copper Trend



Concentration Trend

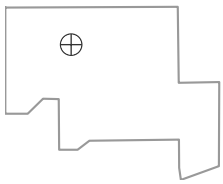
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

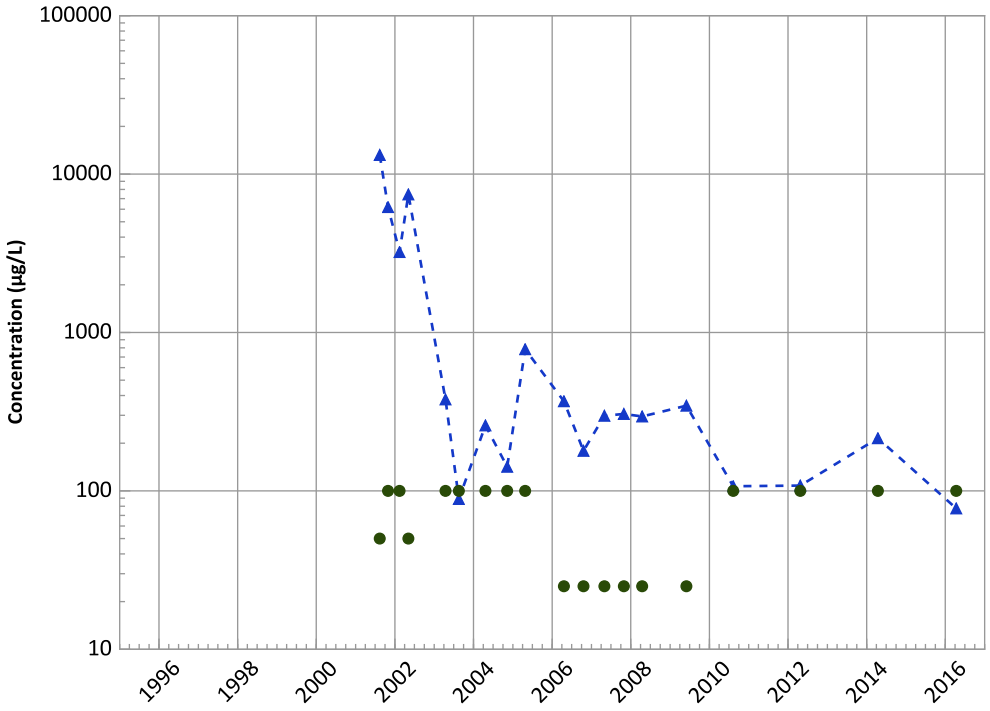
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

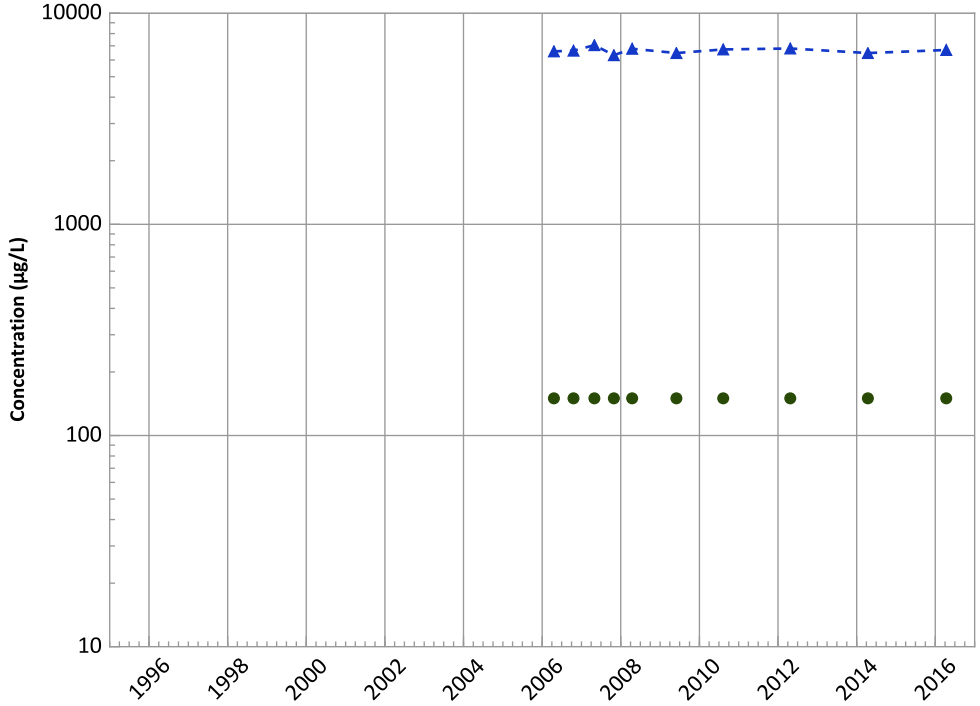


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Potassium Trend



Concentration Trend

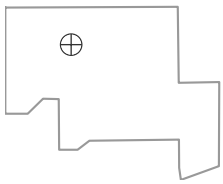
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

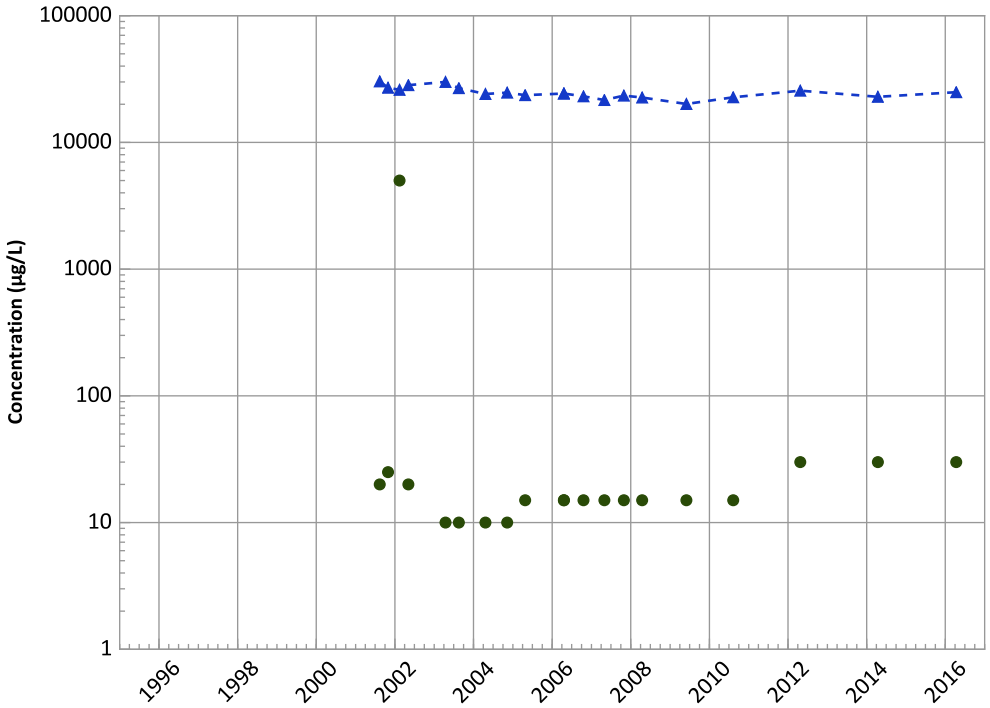
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

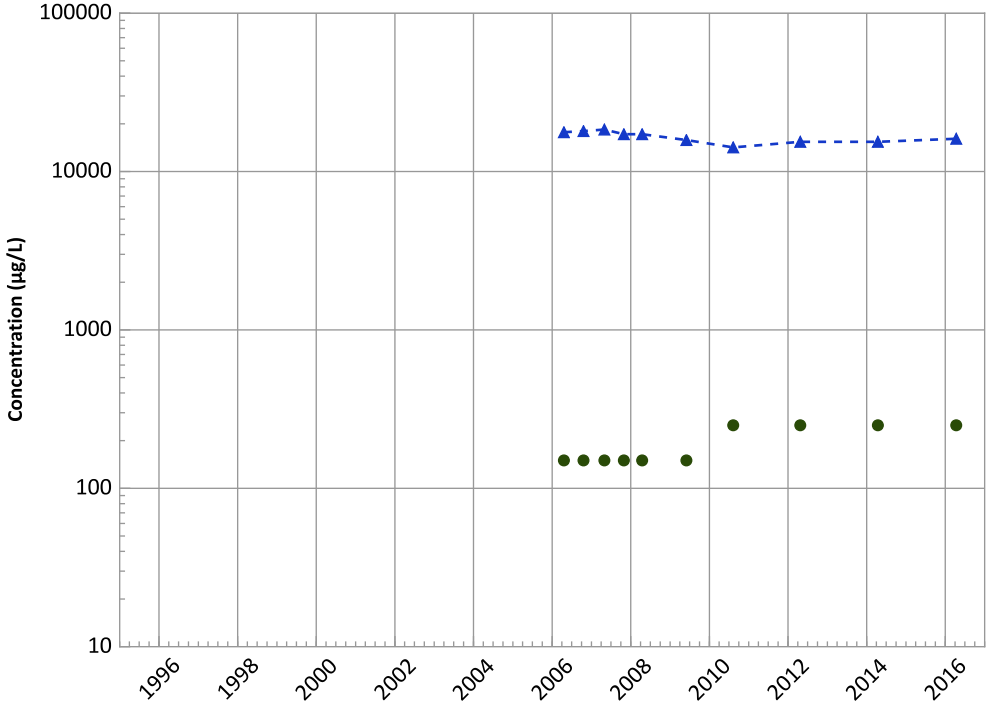


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Sodium Trend



Concentration Trend

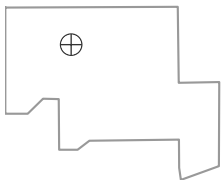
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

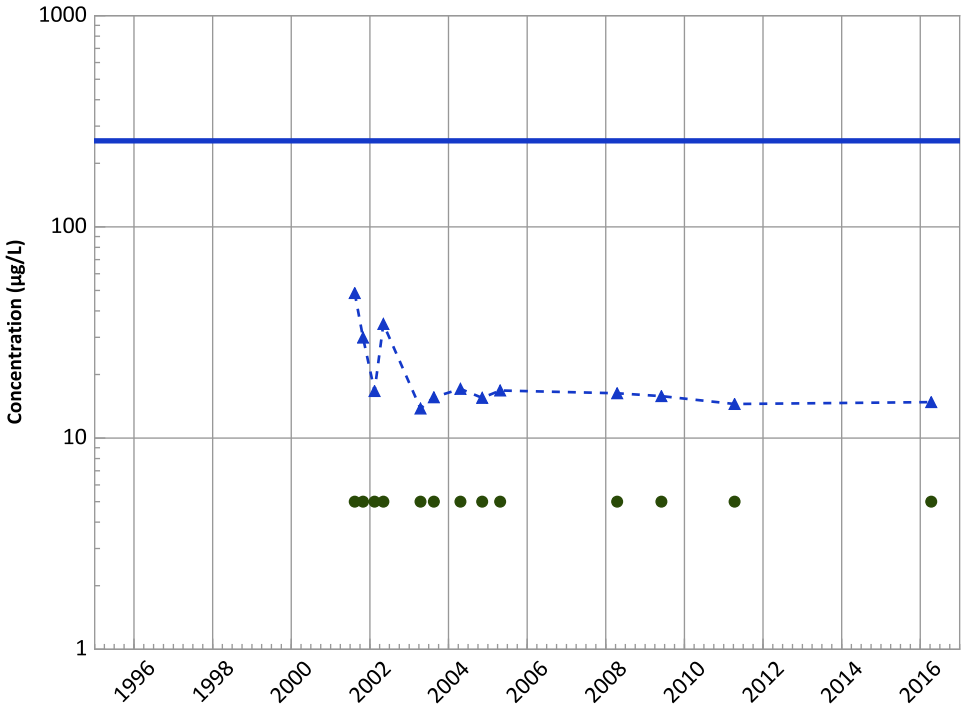
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

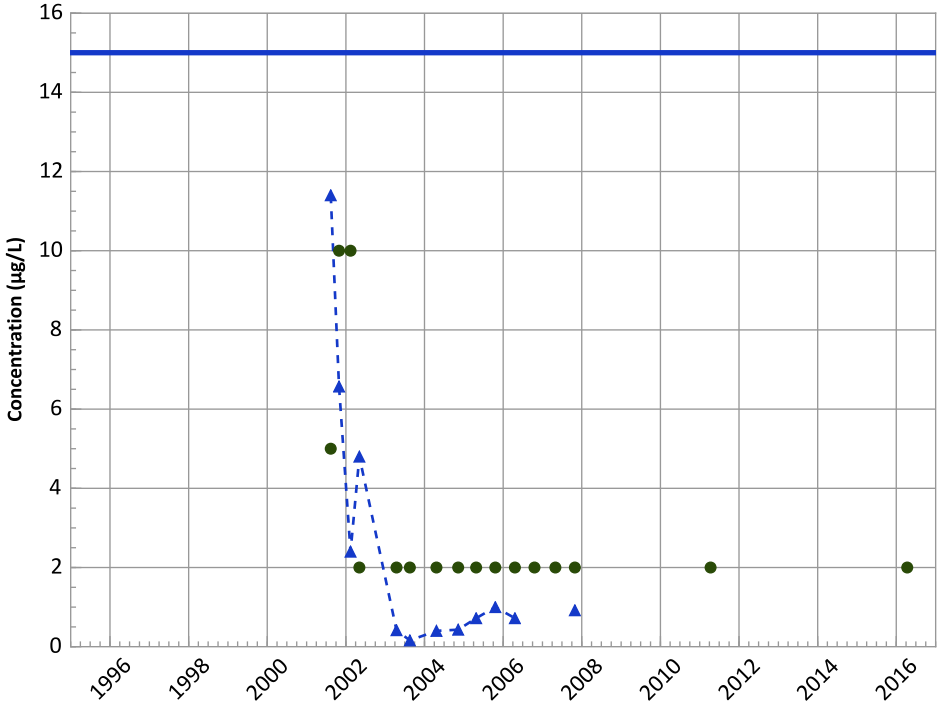


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Lead Trend



Concentration Trend

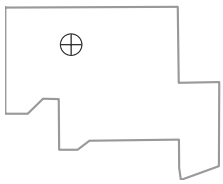
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

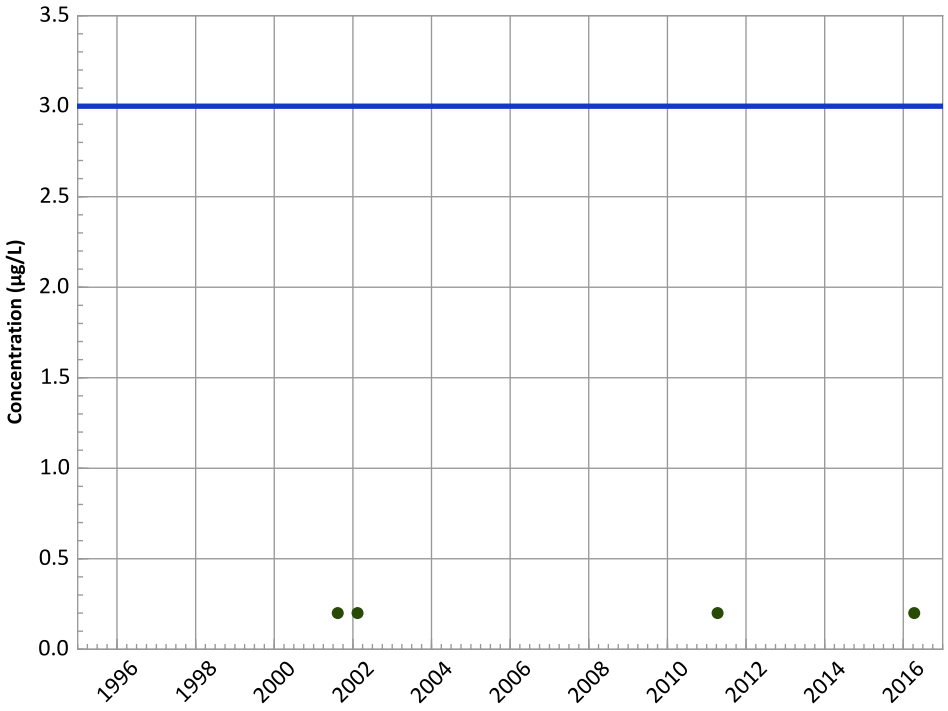
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Mercury Trend

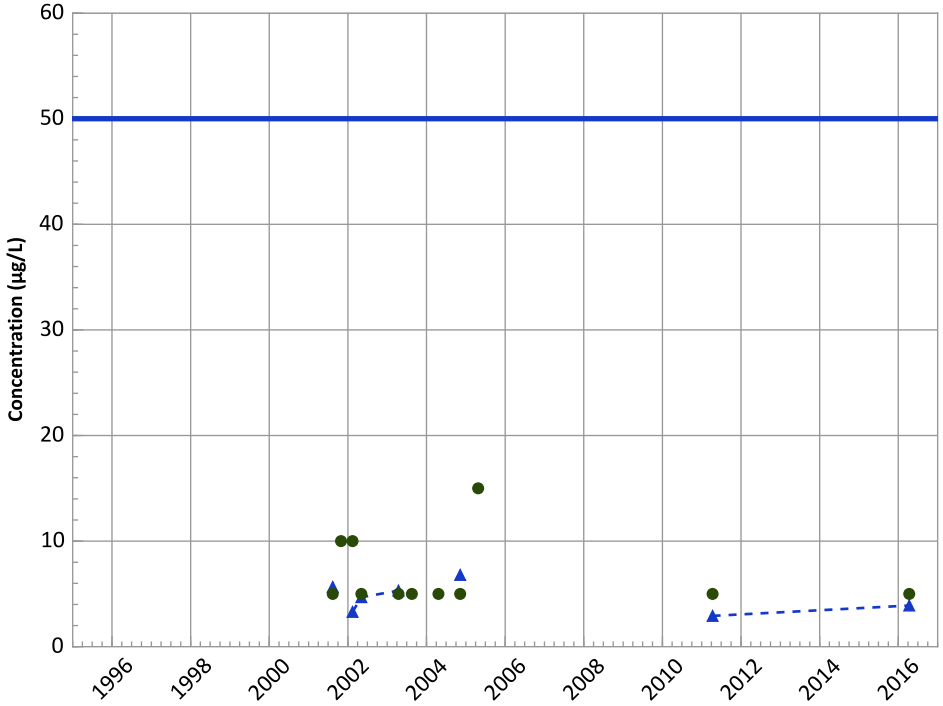


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Selenium Trend



Concentration Trend

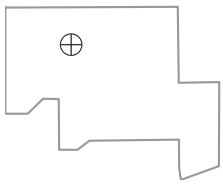
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

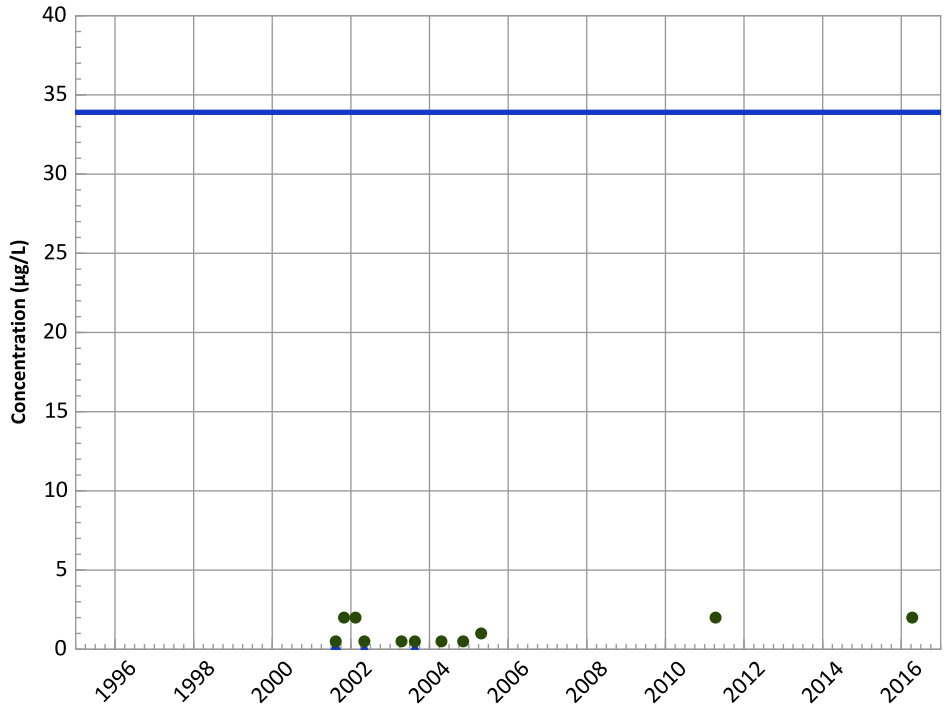
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Thallium Trend

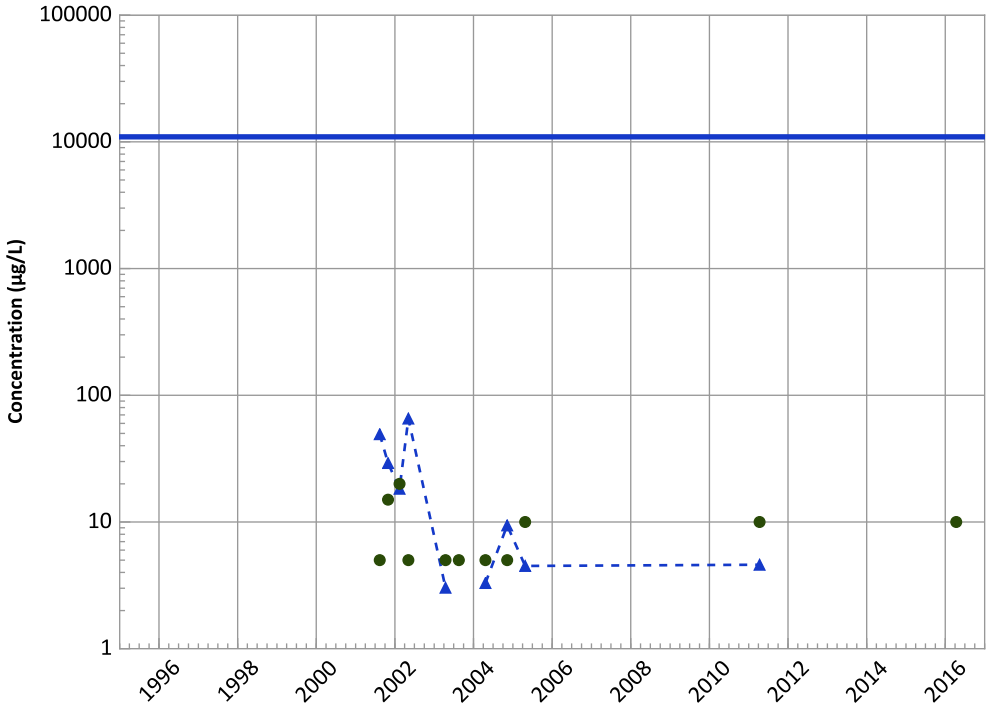


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Zinc Trend



Concentration Trend

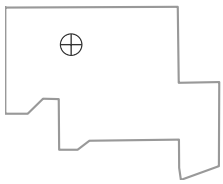
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

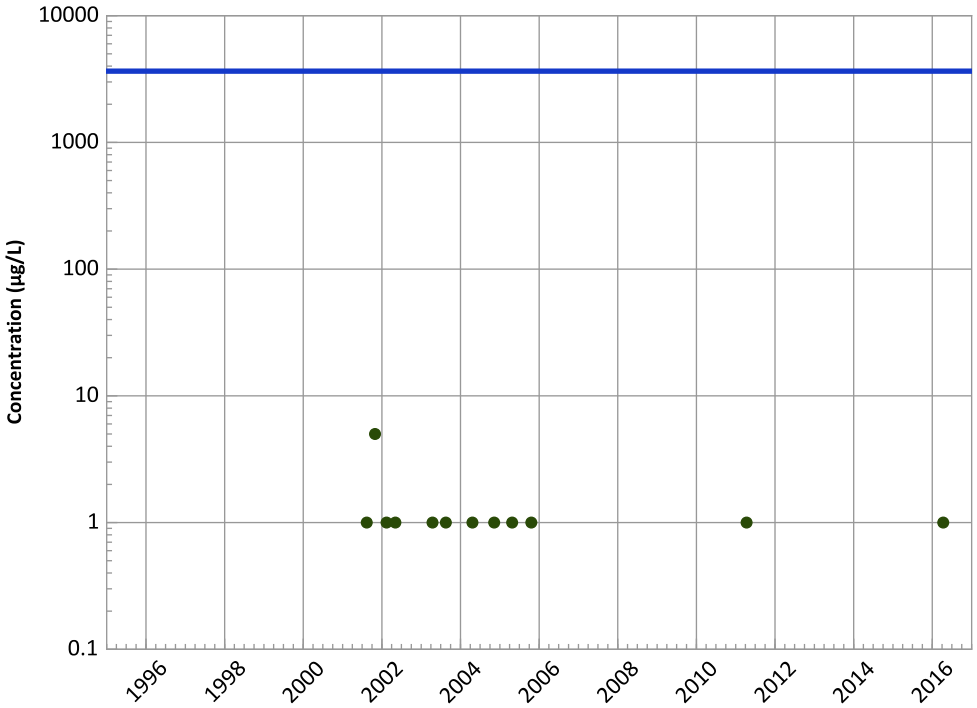
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1-Dichloroethane Trend

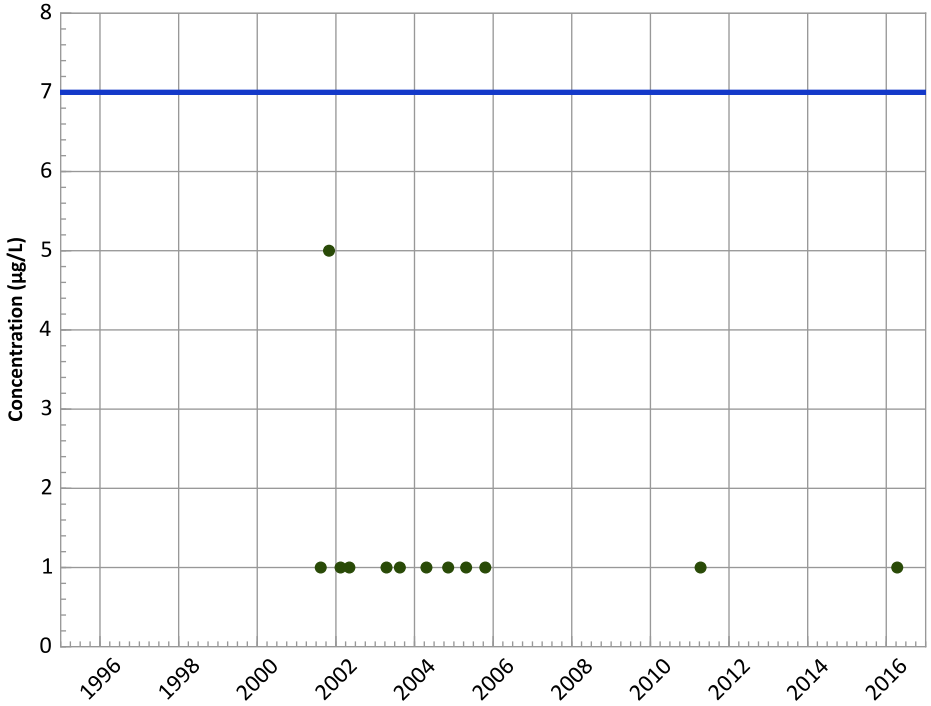


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1-Dichloroethene Trend



Concentration Trend

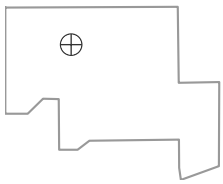
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

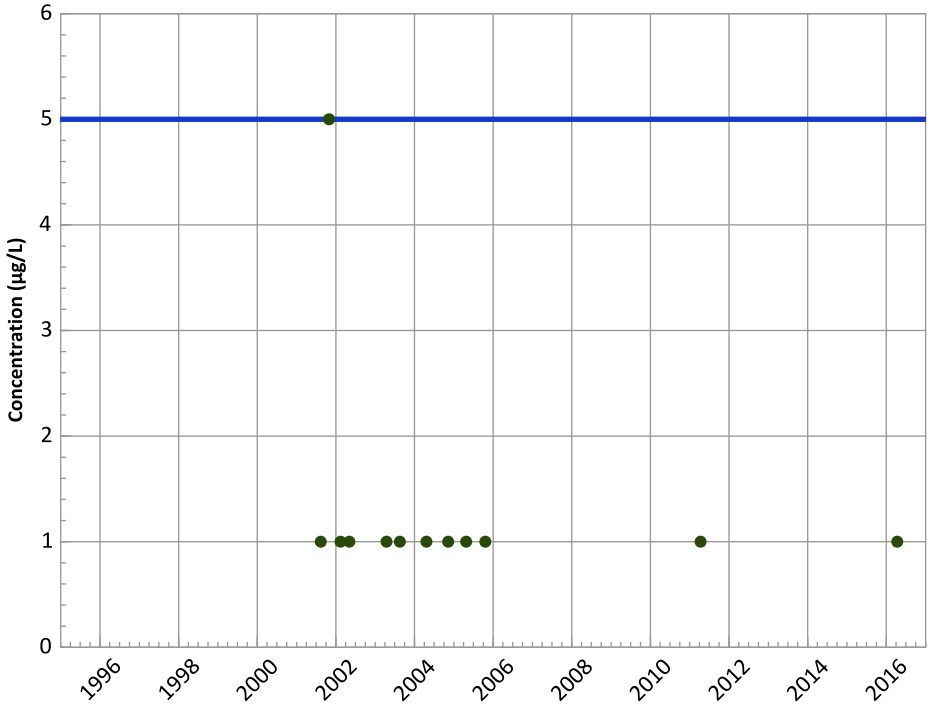
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1,2,2-Tetrachloroethane Trend

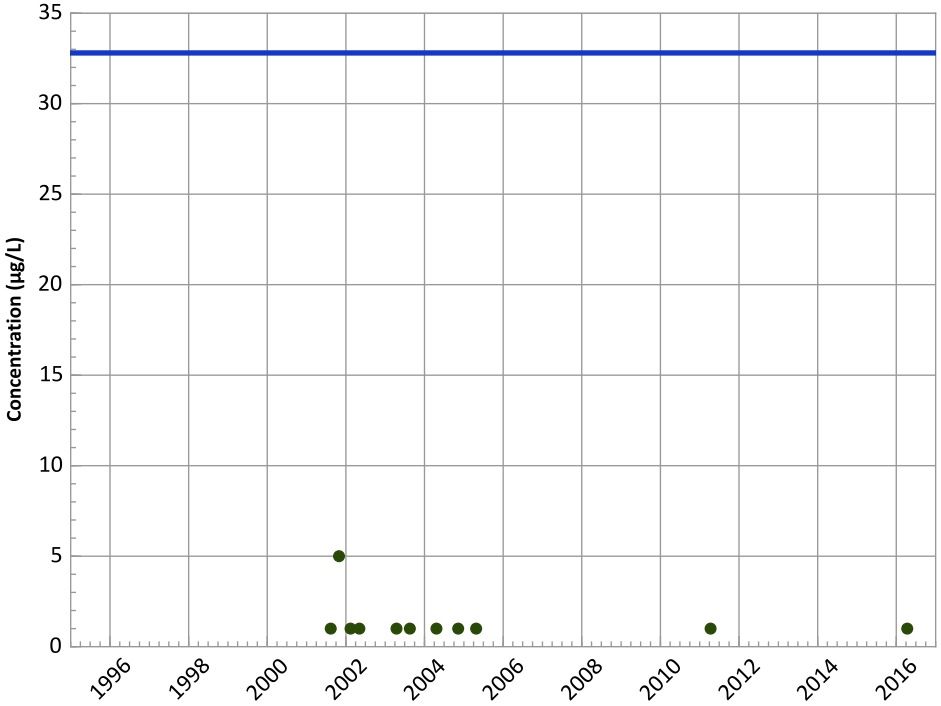


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1,1,2-Tetrachloroethane Trend



Concentration Trend

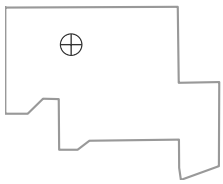
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

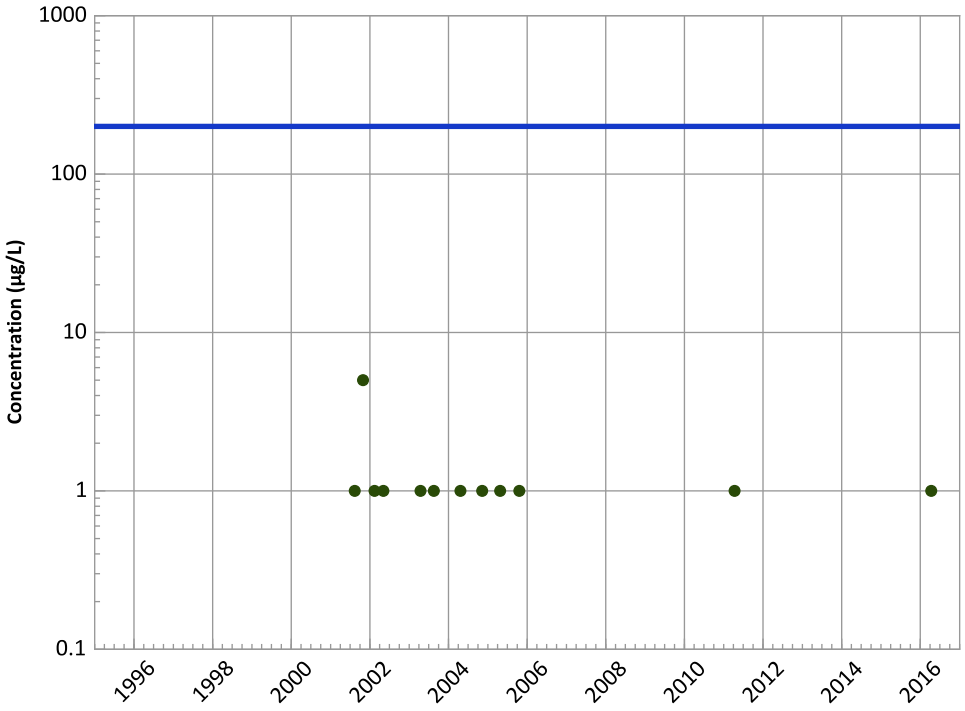
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1,1-Trichloroethane Trend

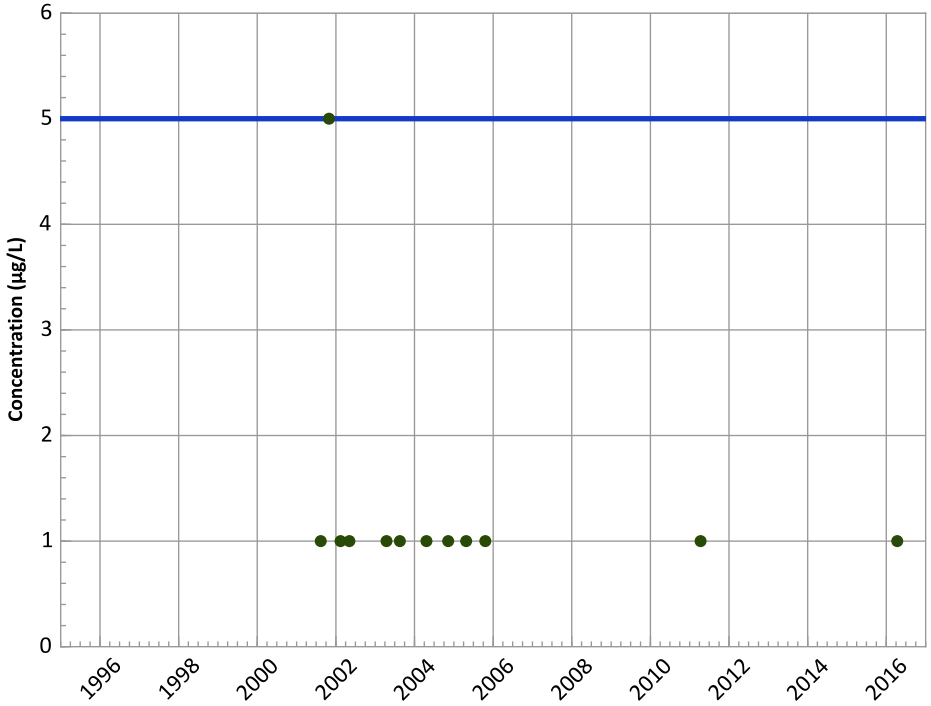


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1,2-Trichloroethane Trend



Concentration Trend

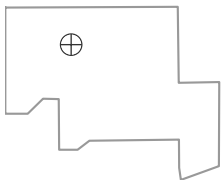
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

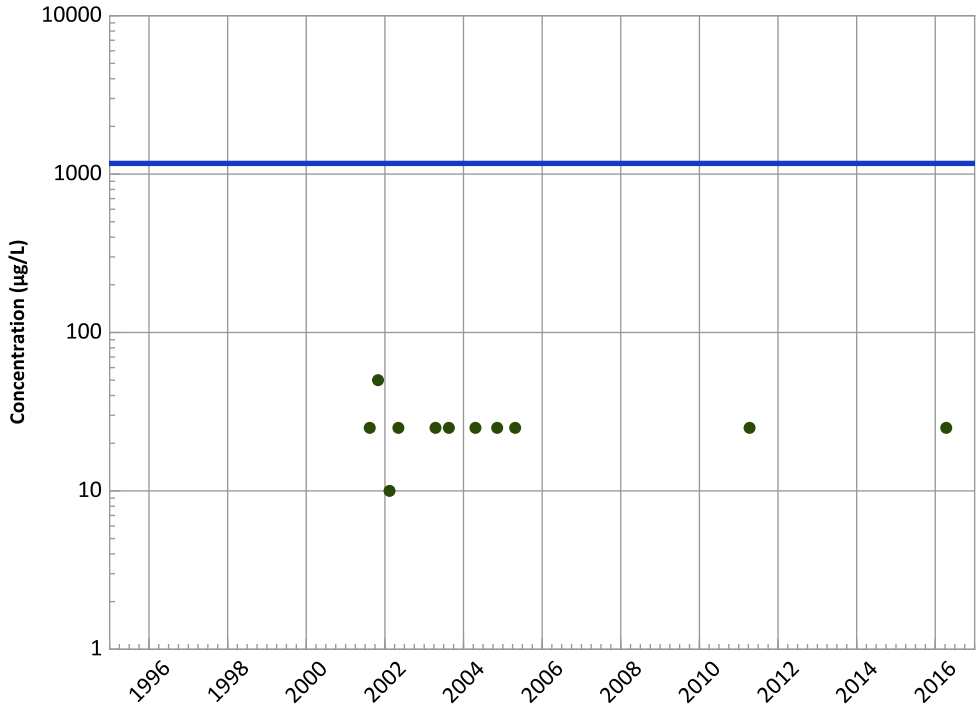
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Acetonitrile Trend

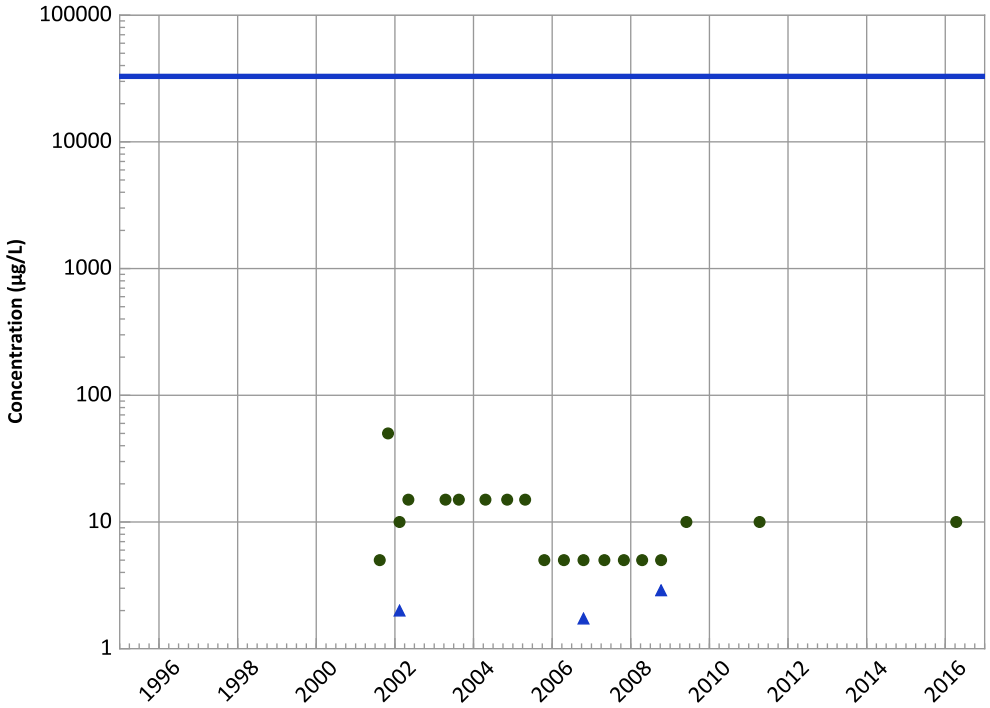


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Acetone Trend



Concentration Trend

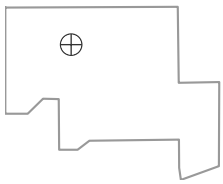
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

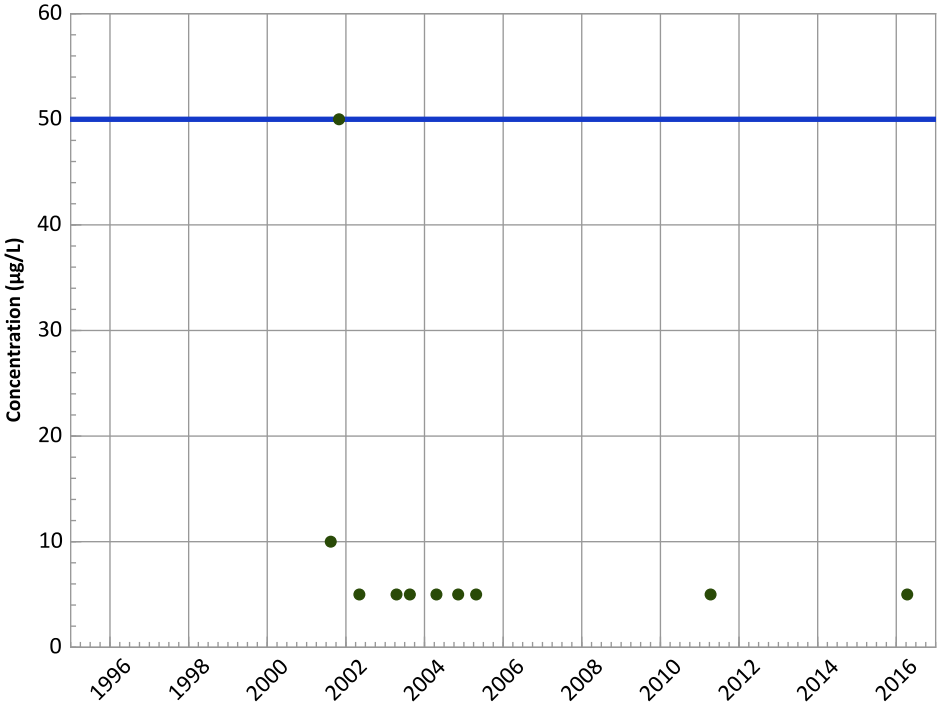
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Acrolein Trend

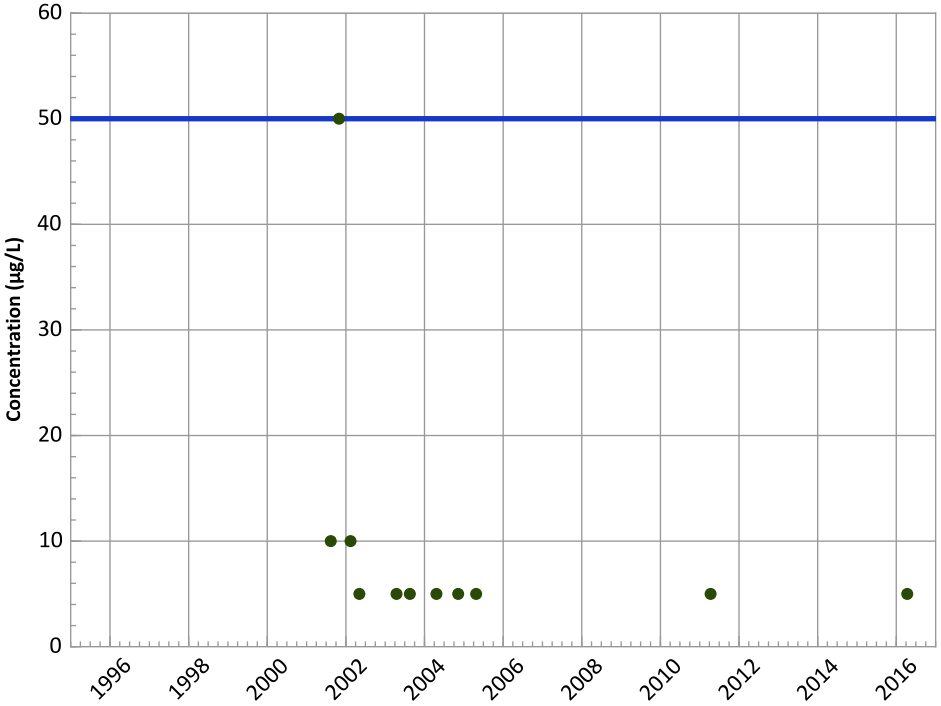


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Acrylonitrile Trend



Concentration Trend

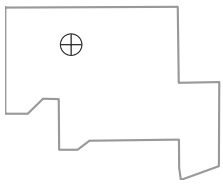
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

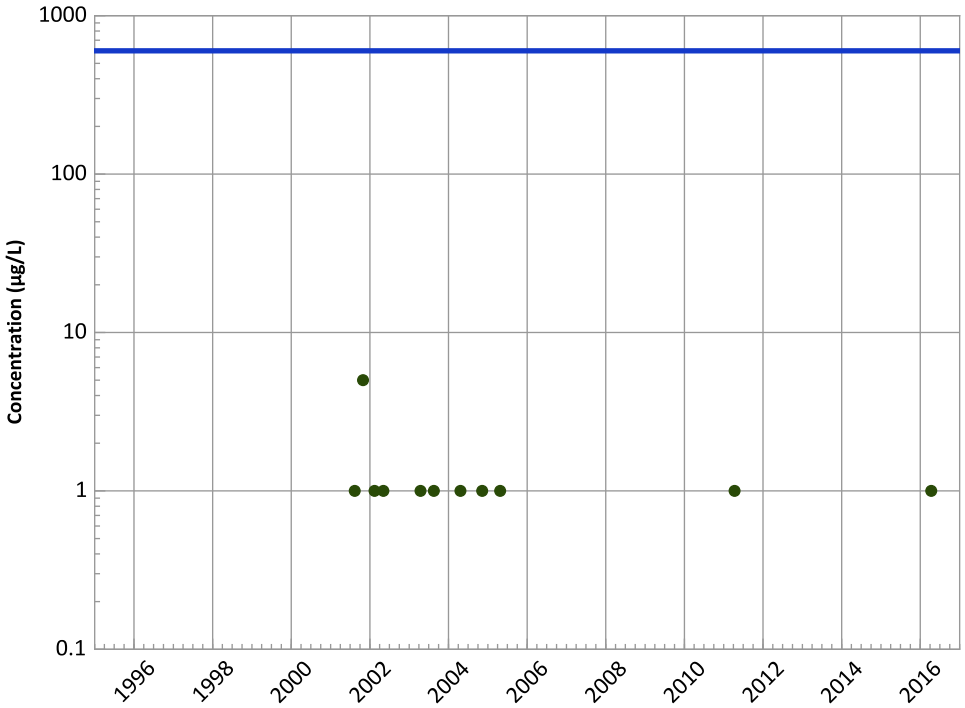
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichlorobenzene Trend

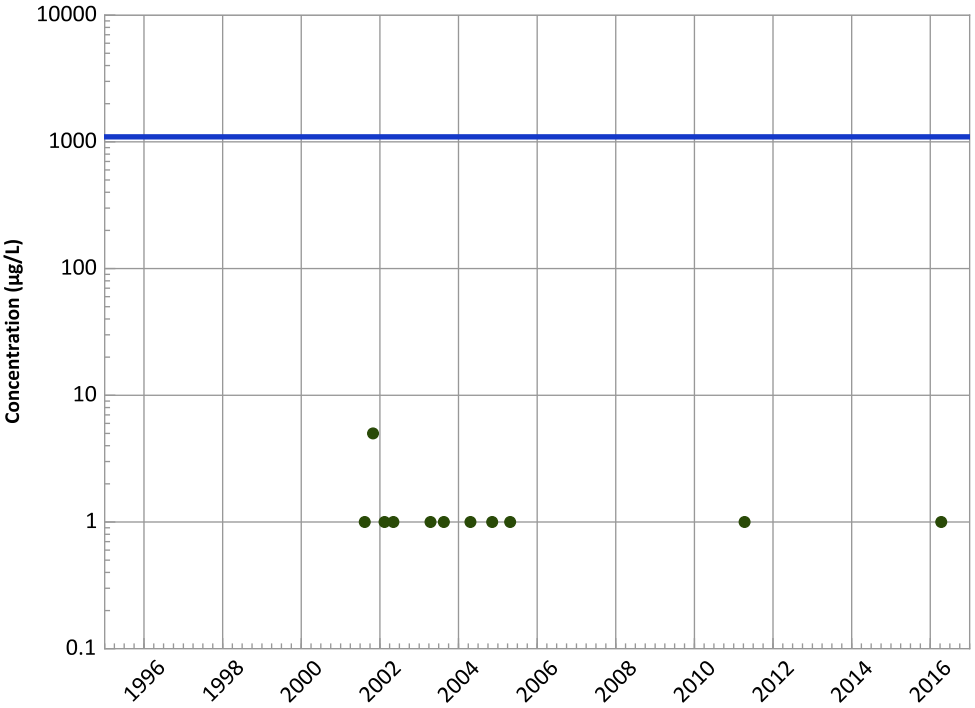


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,3-Dichlorobenzene Trend



Concentration Trend

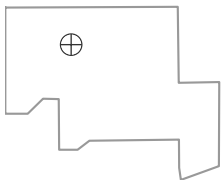
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

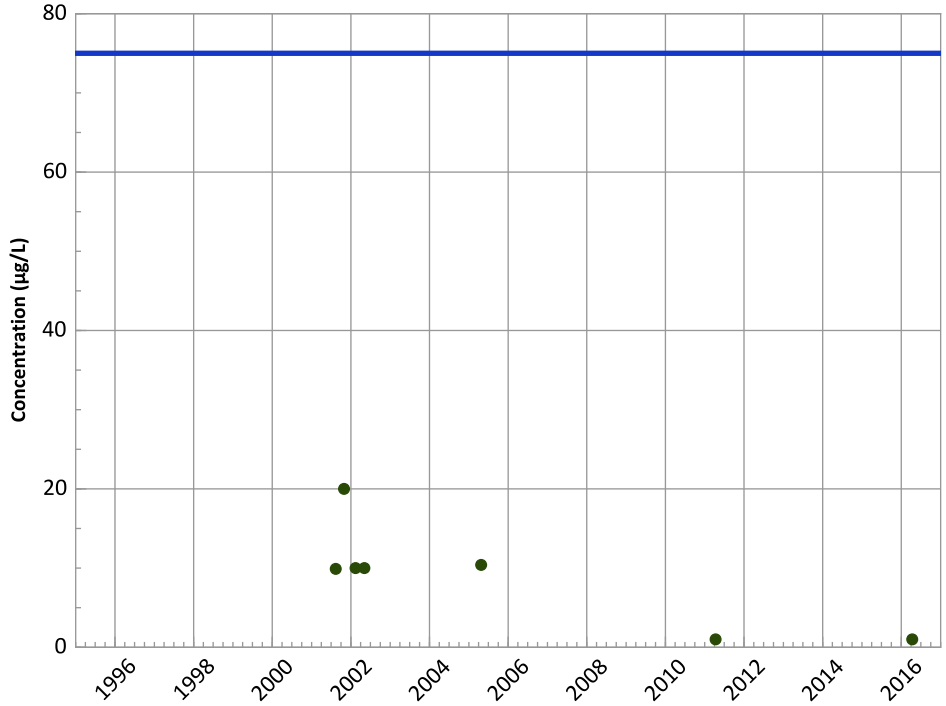
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,4-Dichlorobenzene Trend

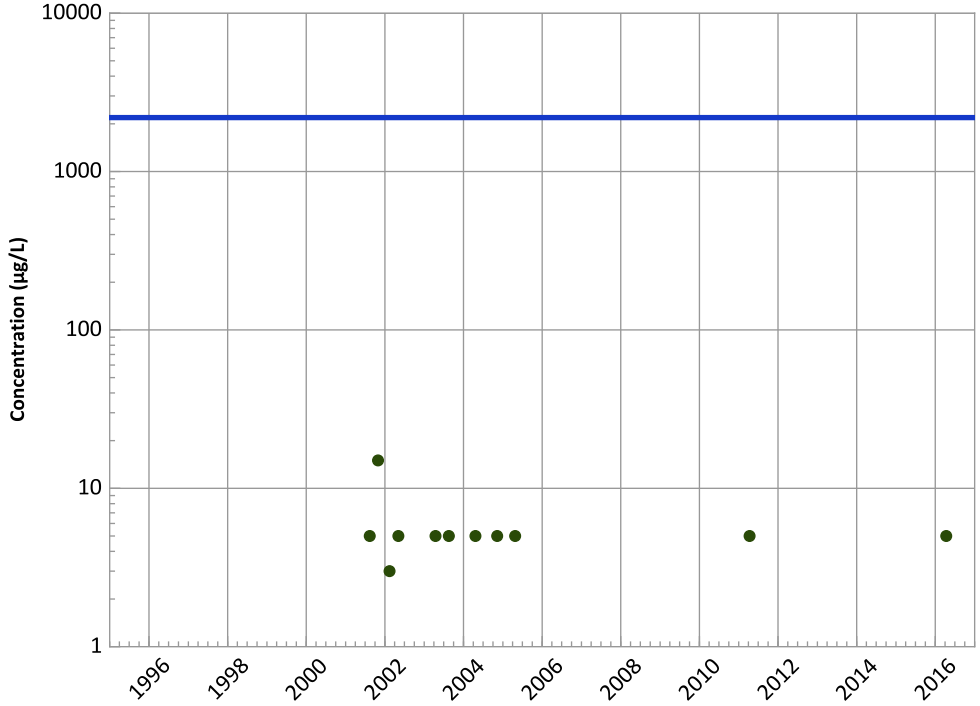


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2-Hexanone Trend



Concentration Trend

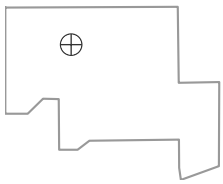
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

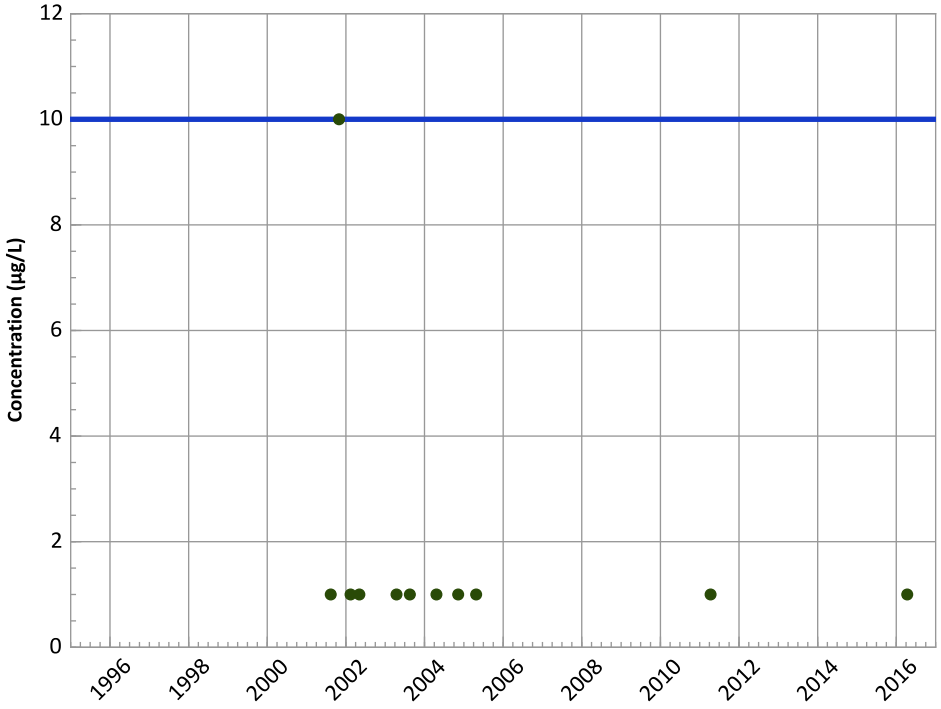
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2,3-Trichloropropane Trend

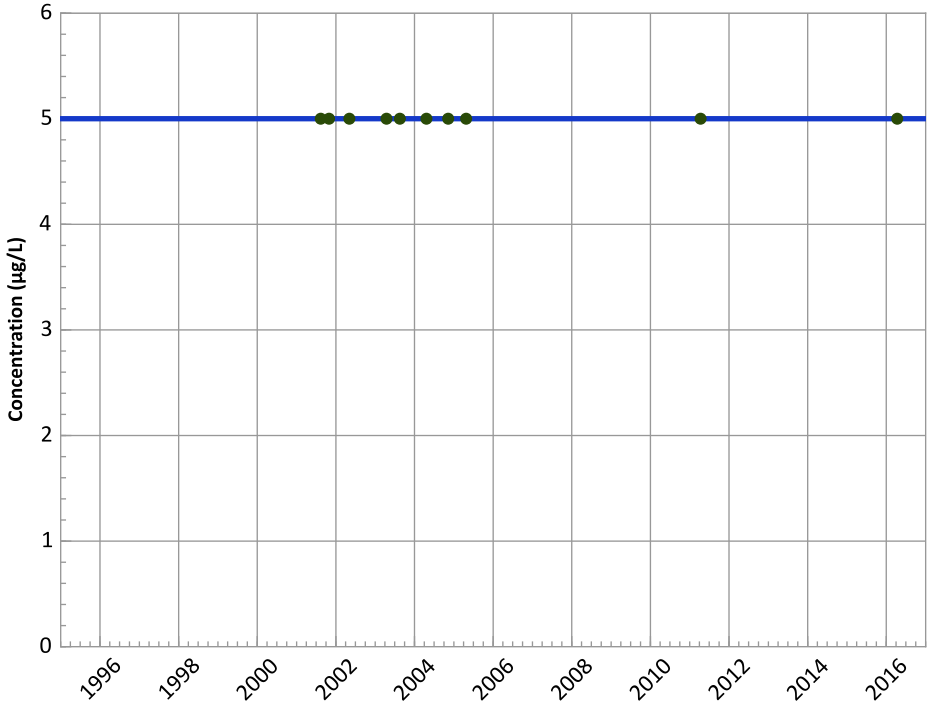


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Allyl Chloride Trend



Concentration Trend

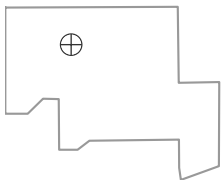
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

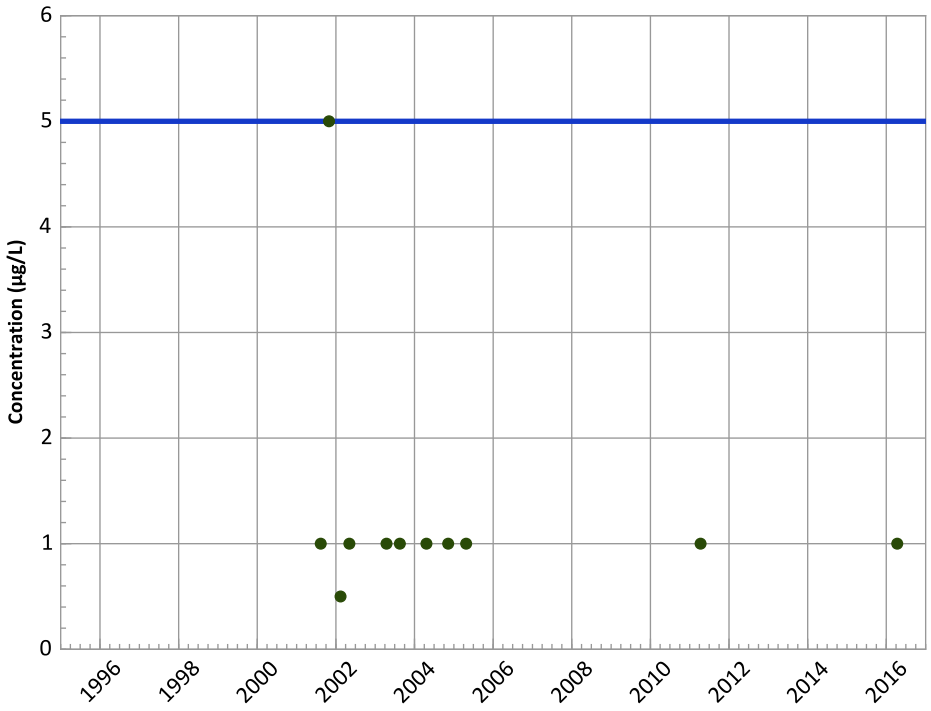
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Benzene Trend

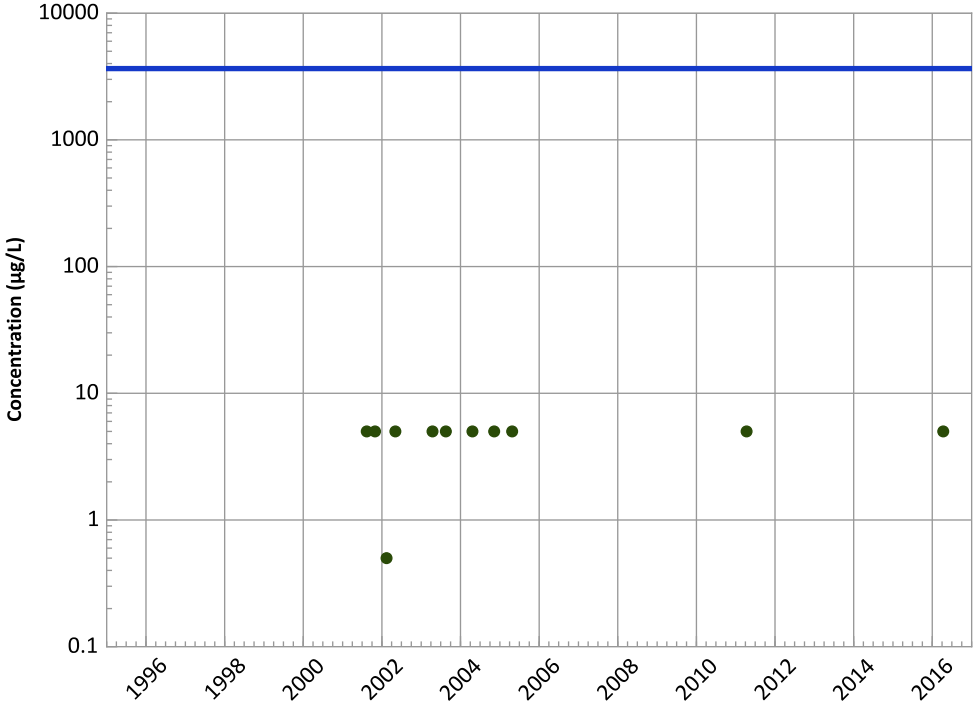


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Carbon Disulfide Trend



Concentration Trend

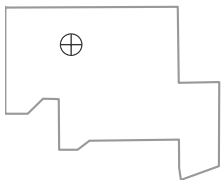
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

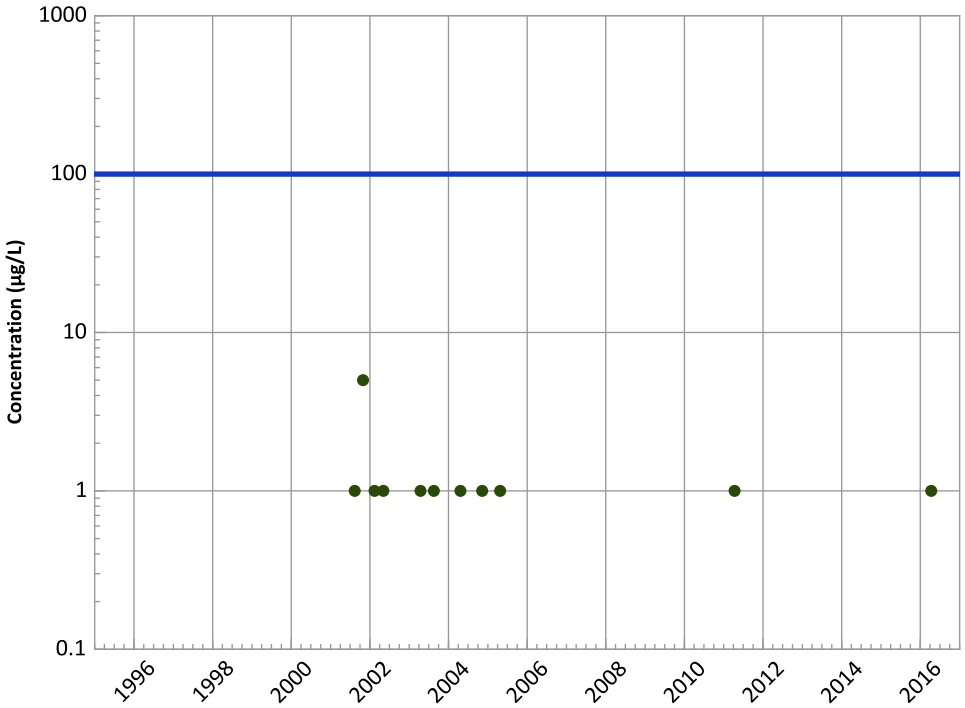
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chlorobenzene Trend

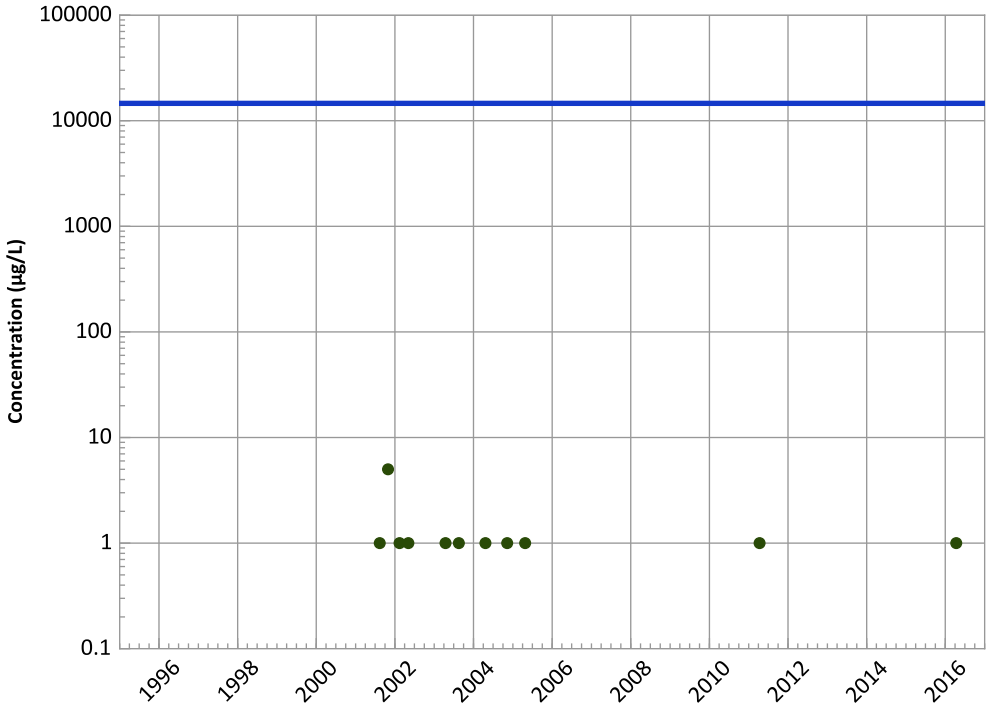


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Chloroethane Trend



Concentration Trend

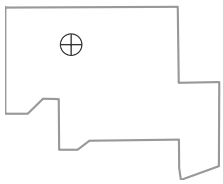
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

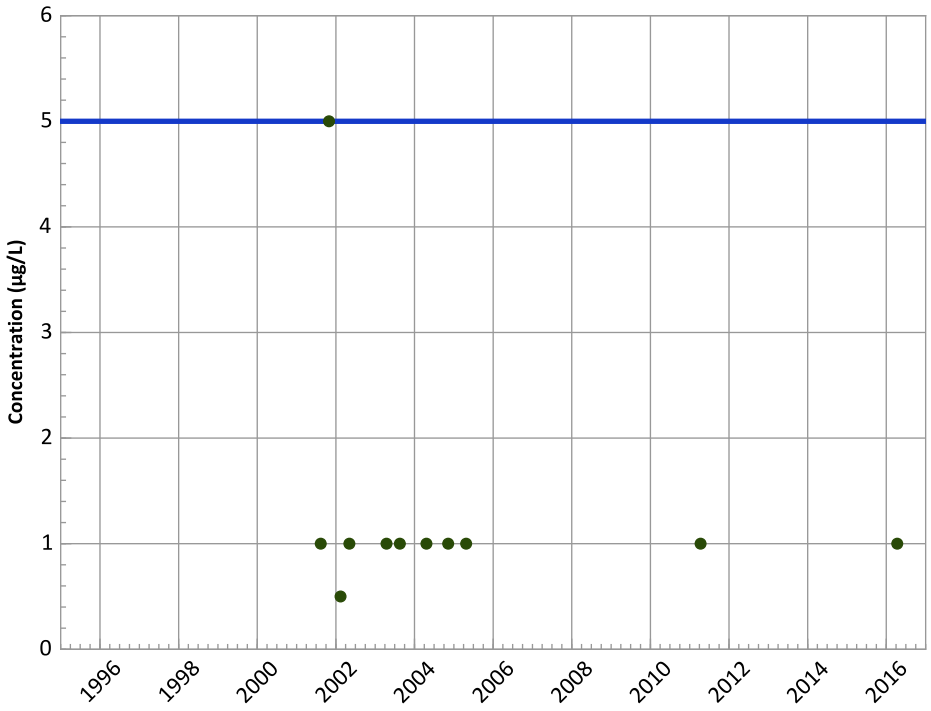
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Carbon Tetrachloride Trend

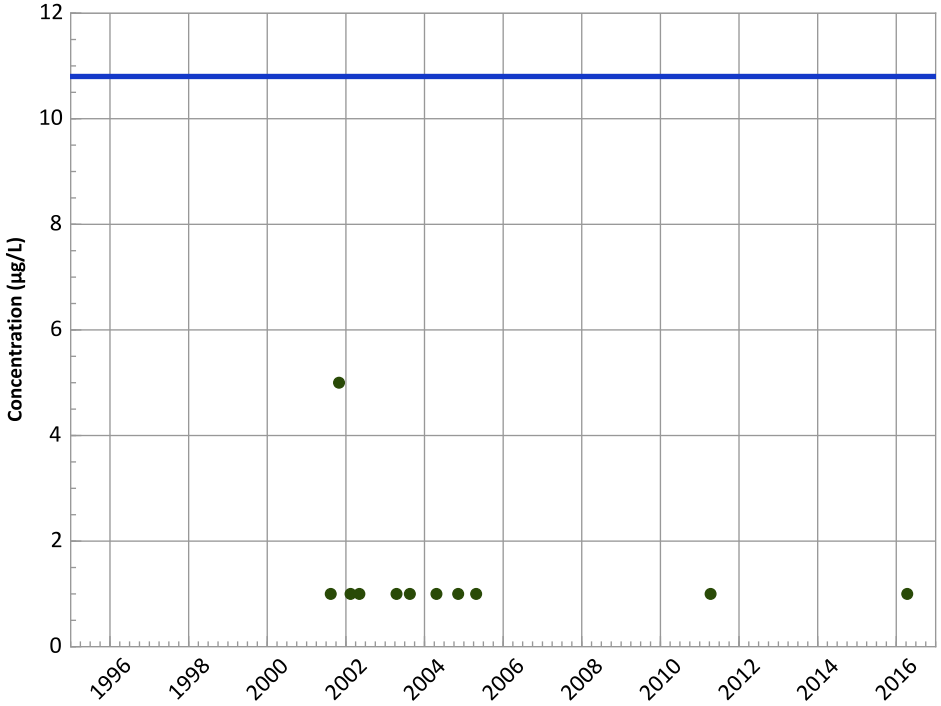


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Bromoform Trend



Concentration Trend

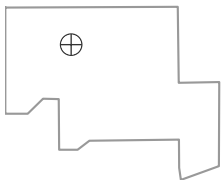
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

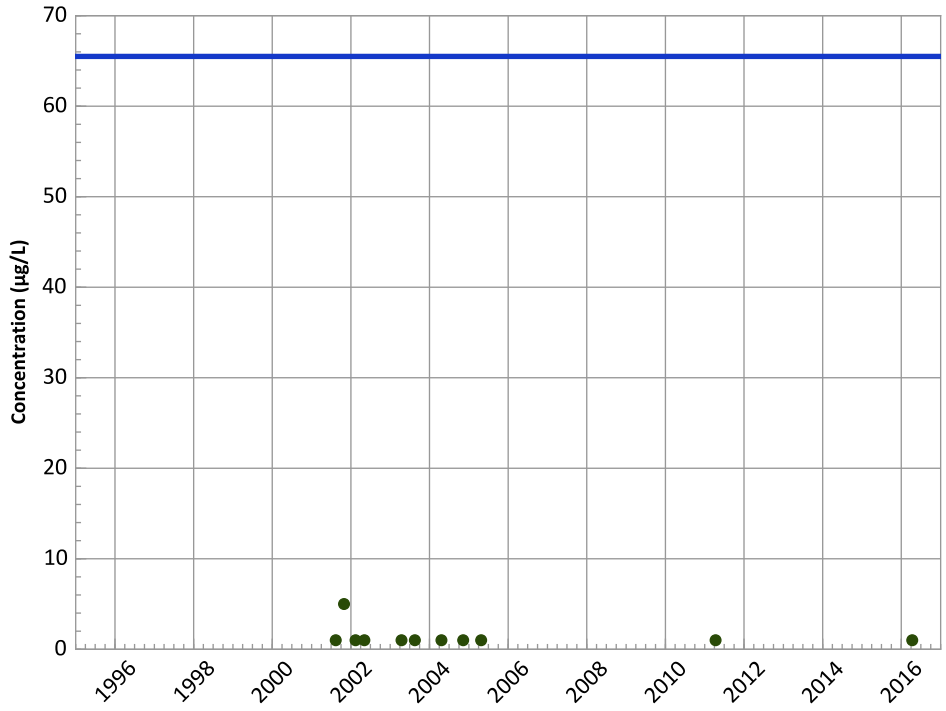
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloromethane Trend

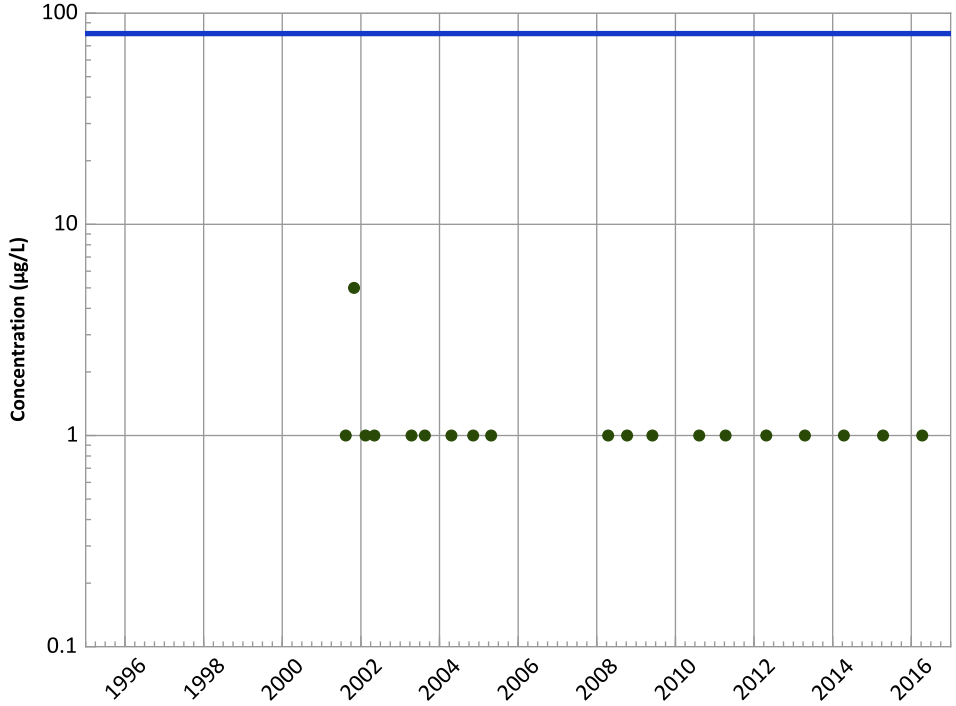


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Chloroform Trend



Concentration Trend

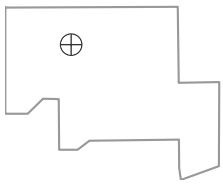
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

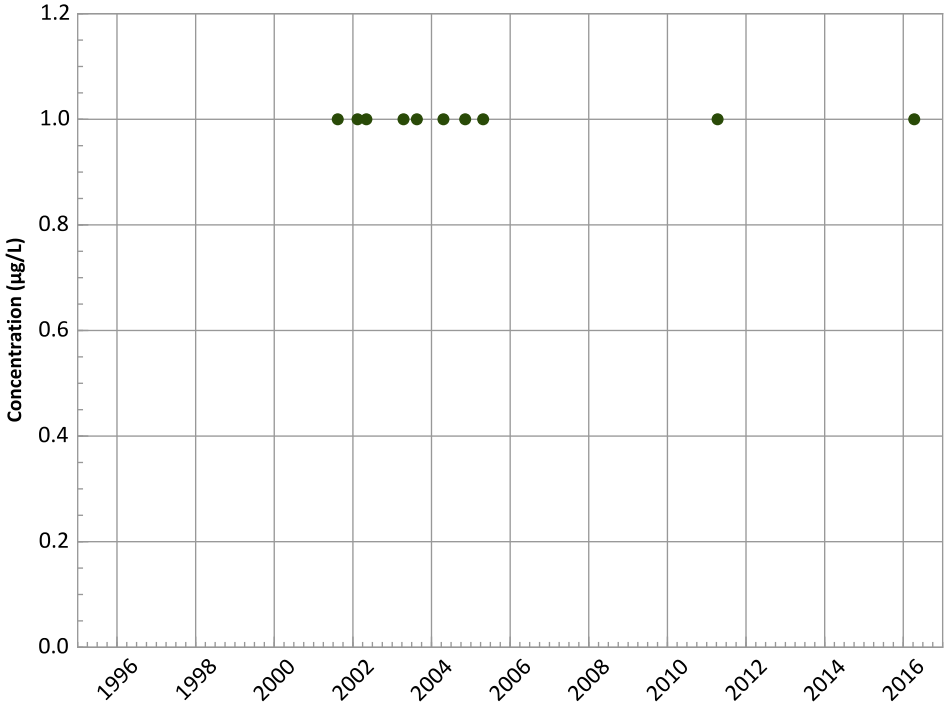
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2-Chloro-1,3-Butadiene Trend

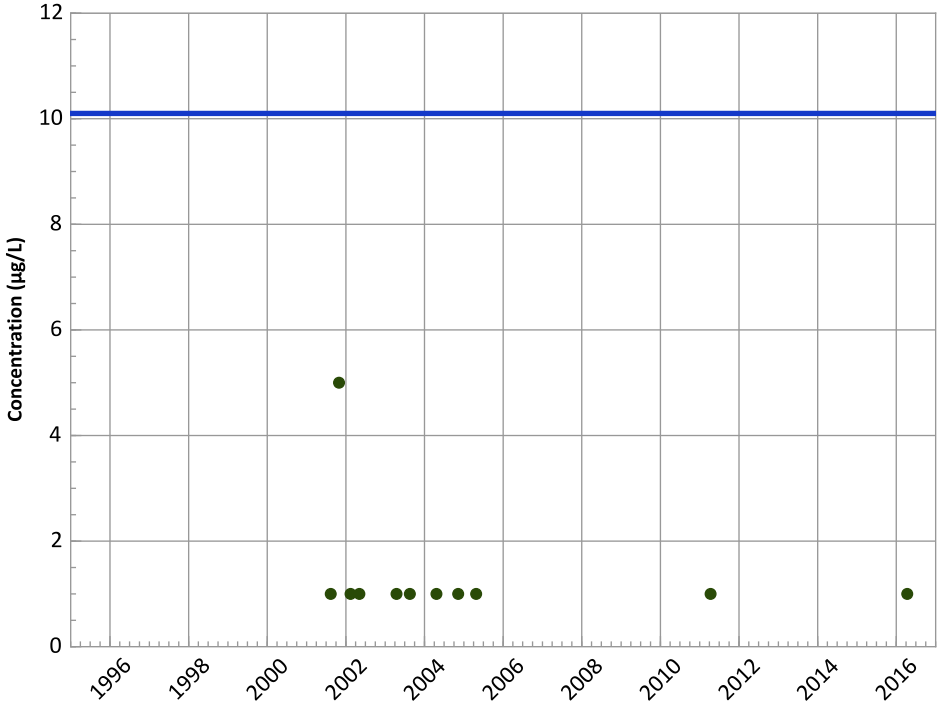


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Dibromochloromethane Trend



Concentration Trend

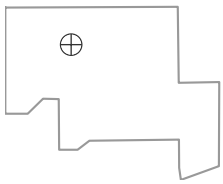
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

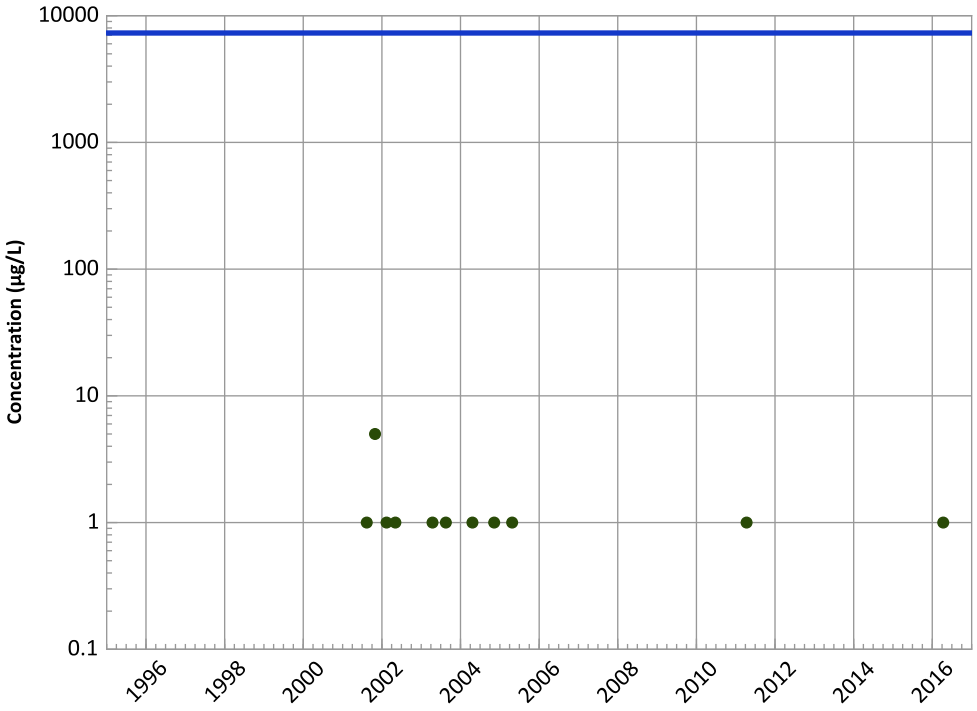
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Dichlorodifluoromethane Trend

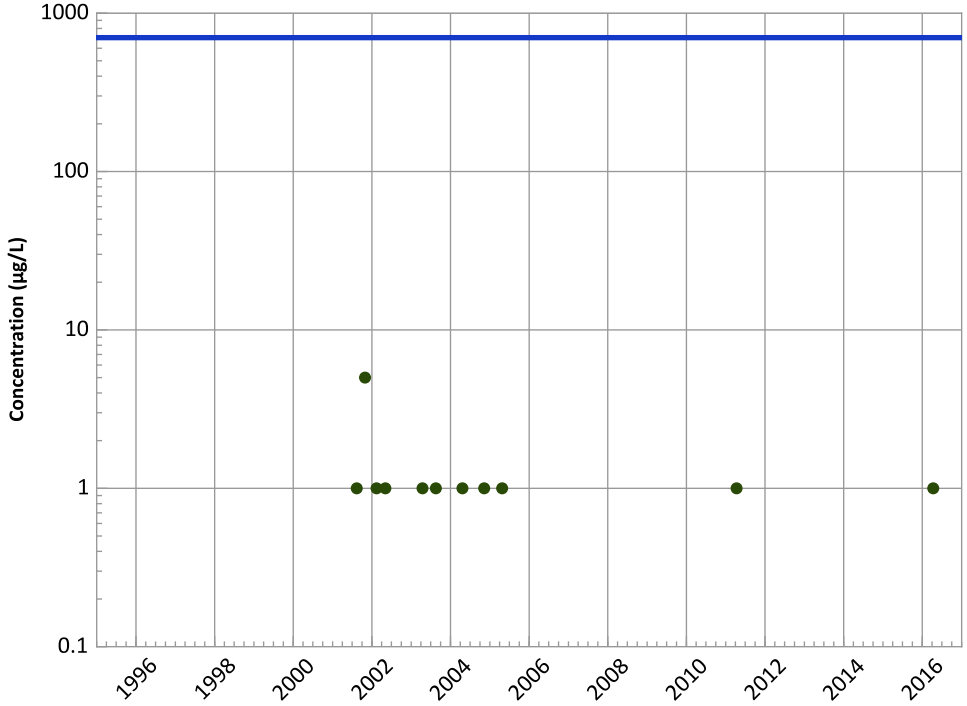


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Ethylbenzene Trend



Concentration Trend

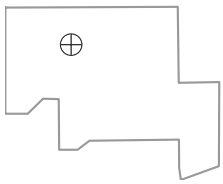
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

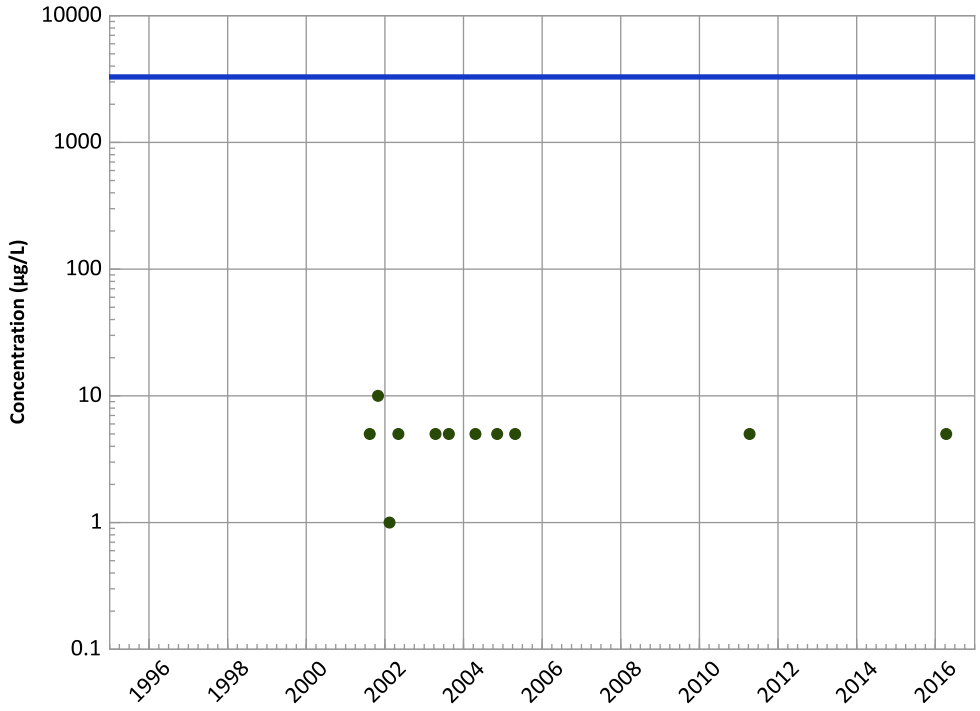
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Ethyl Methacrylate Trend

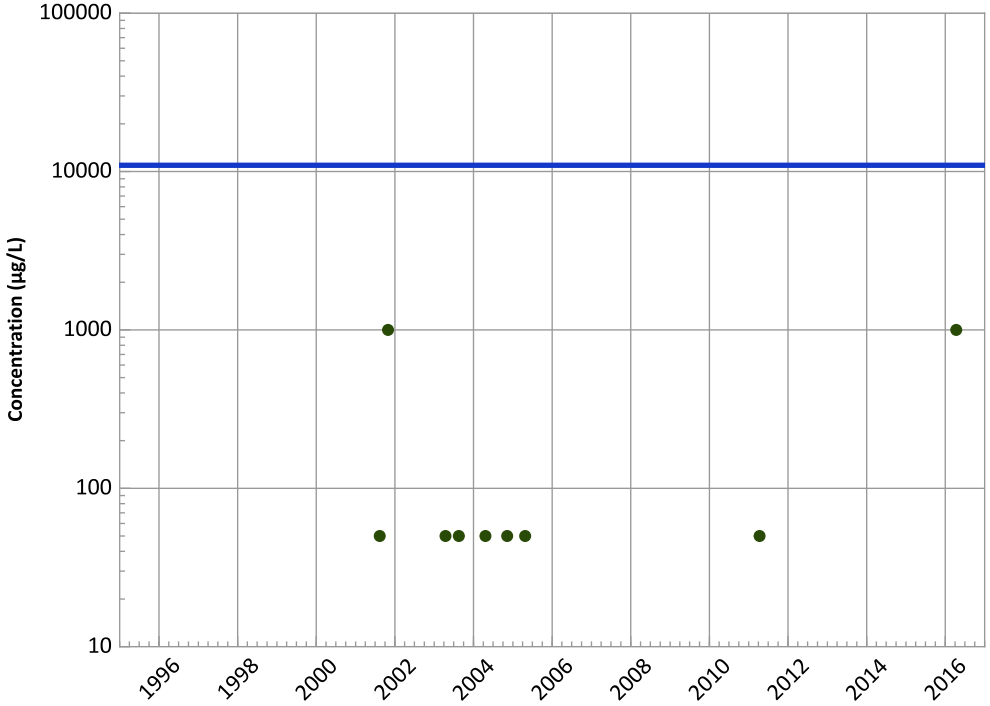


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Isobutanol Trend



Concentration Trend

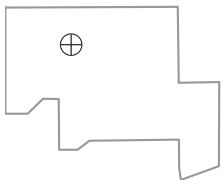
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

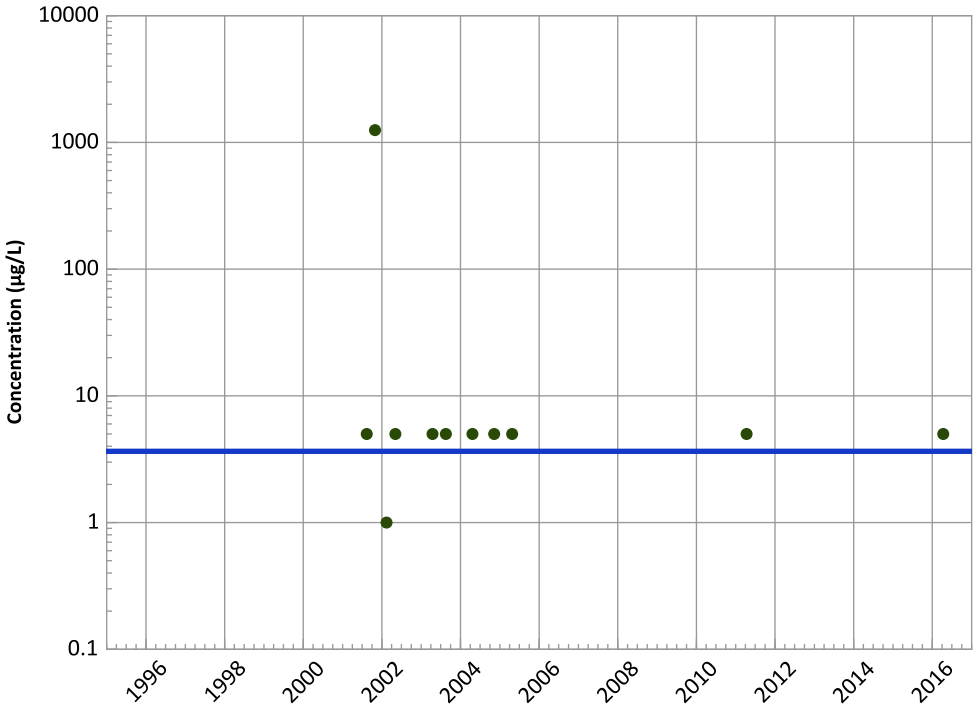
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methylacrylonitrile Trend

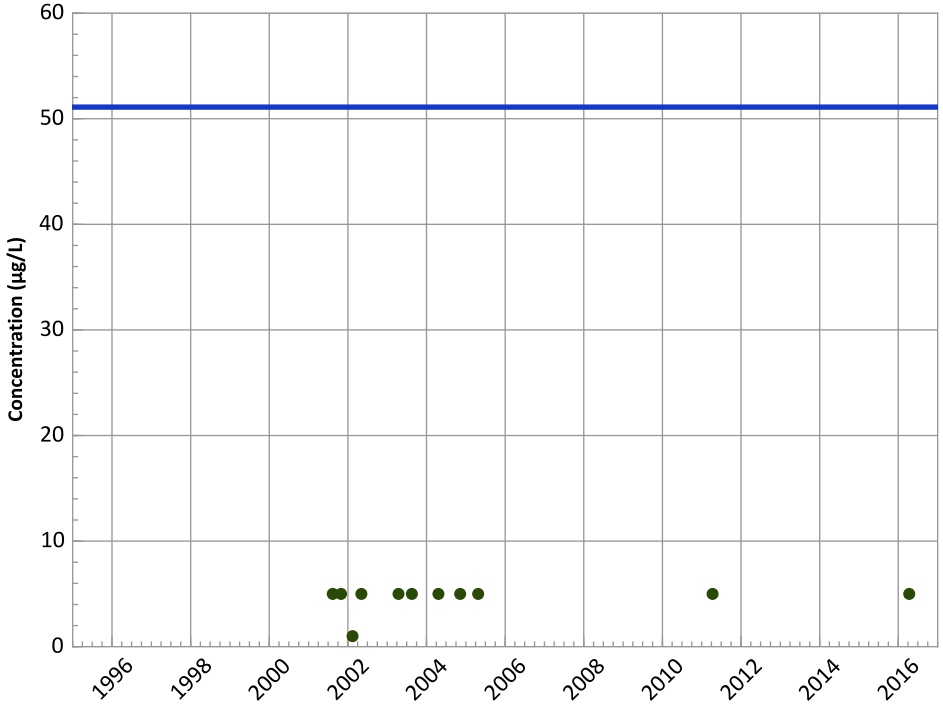


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Iodomethane (Methyl Iodide) Trend



Concentration Trend

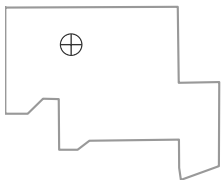
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

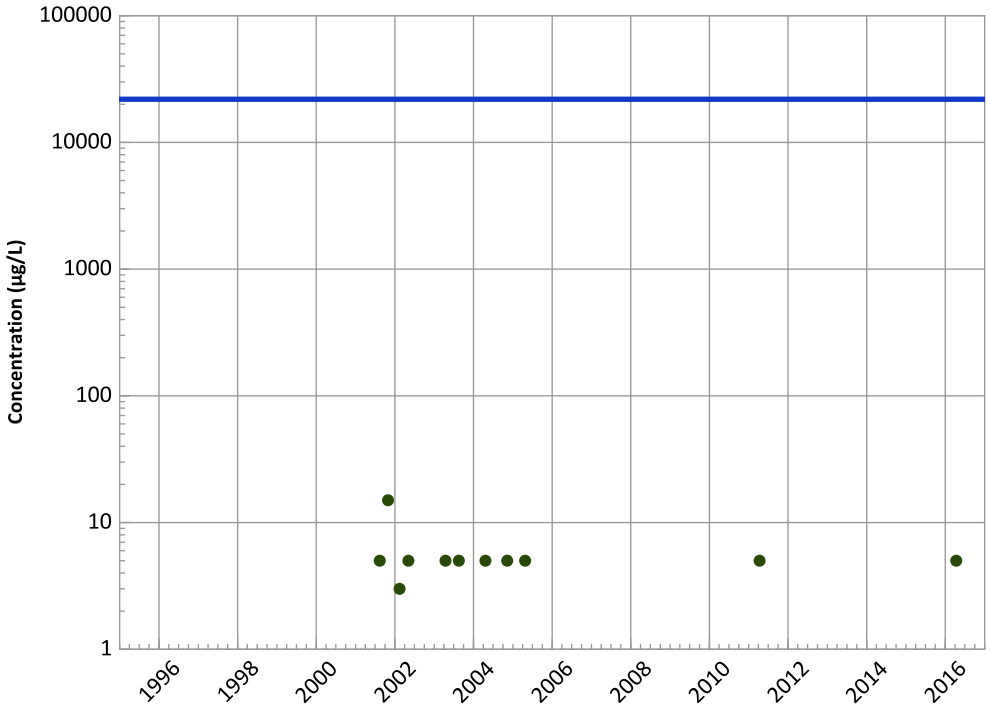
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methyl Ethyl Ketone (2-Butanone) Trend

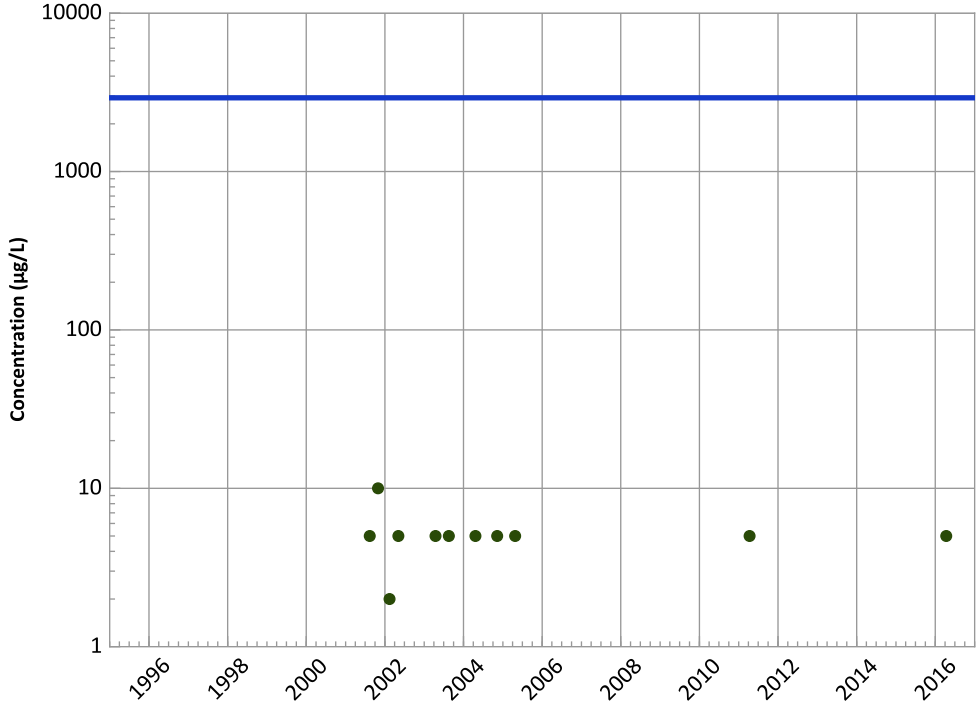


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) Trend



Concentration Trend

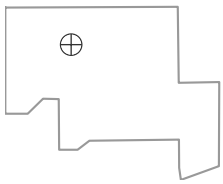
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

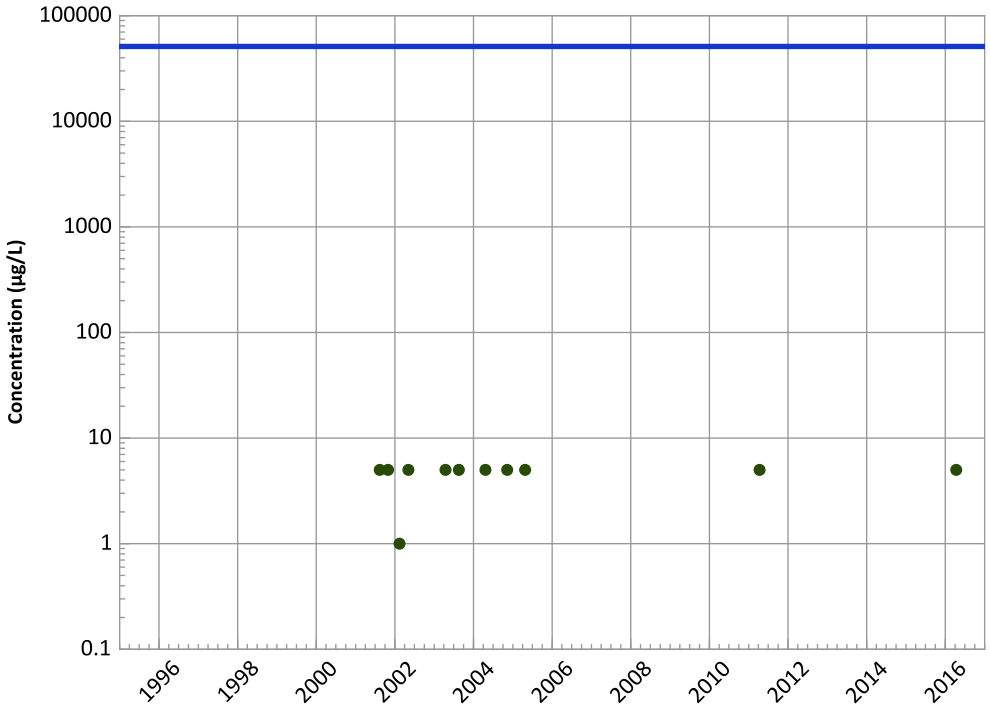
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methyl Methacrylate Trend

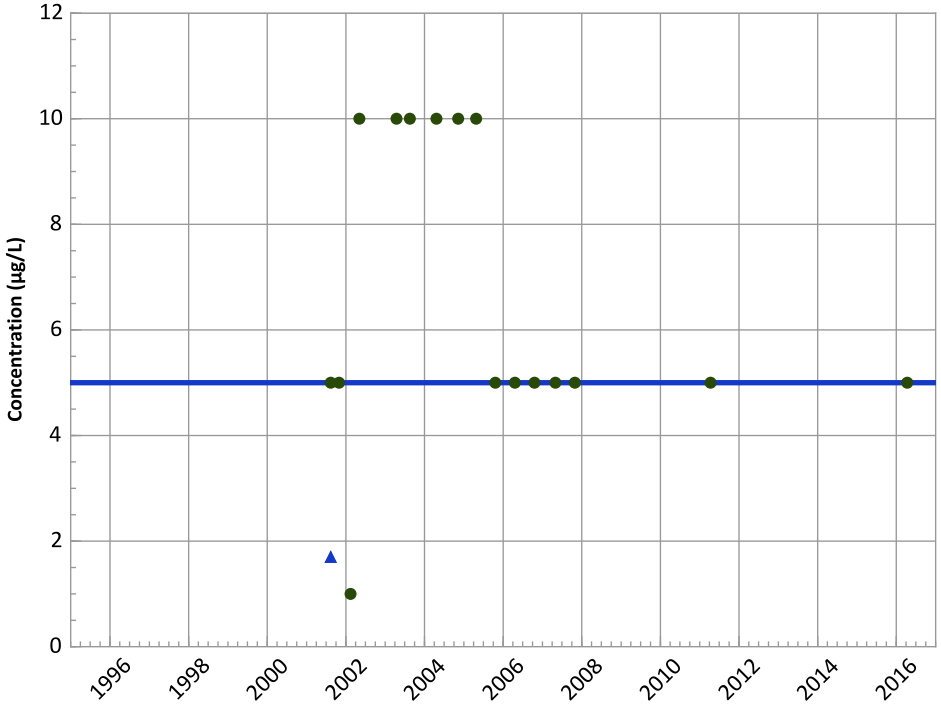


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methylene Chloride Trend



Concentration Trend

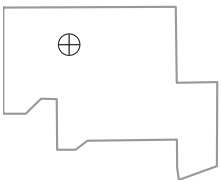
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

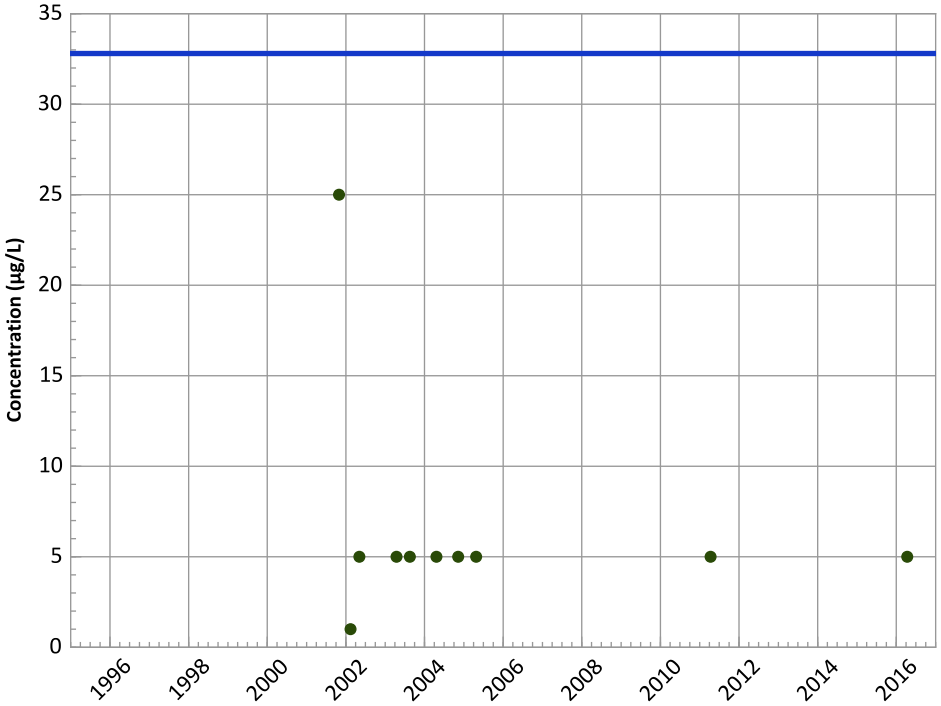
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Pentachloroethane Trend

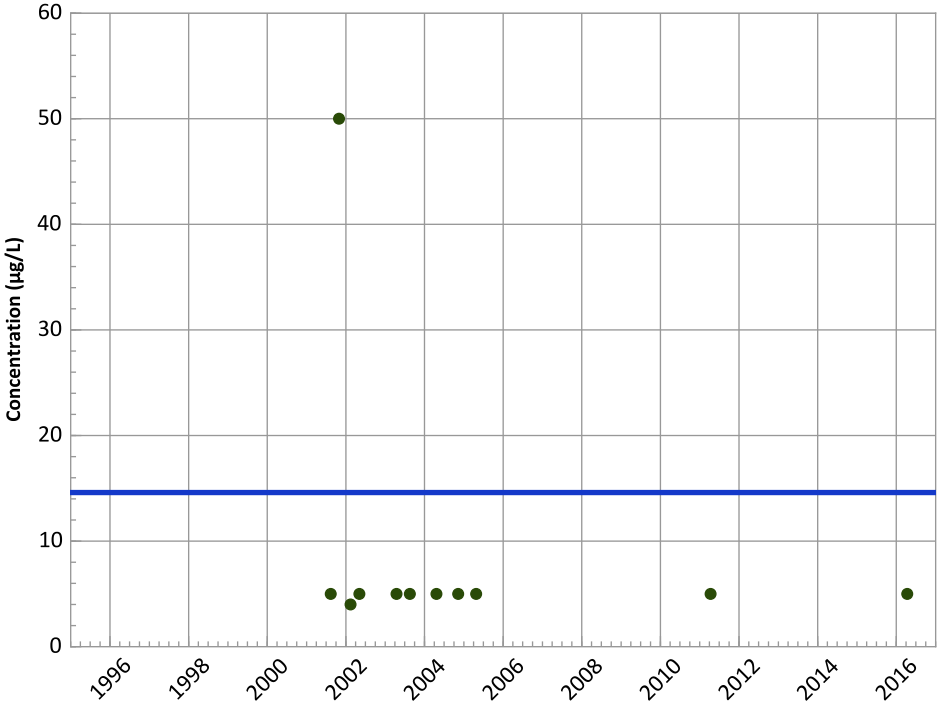


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Propane Nitrile (Propionitrile) Trend



Concentration Trend

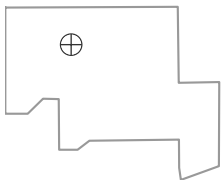
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

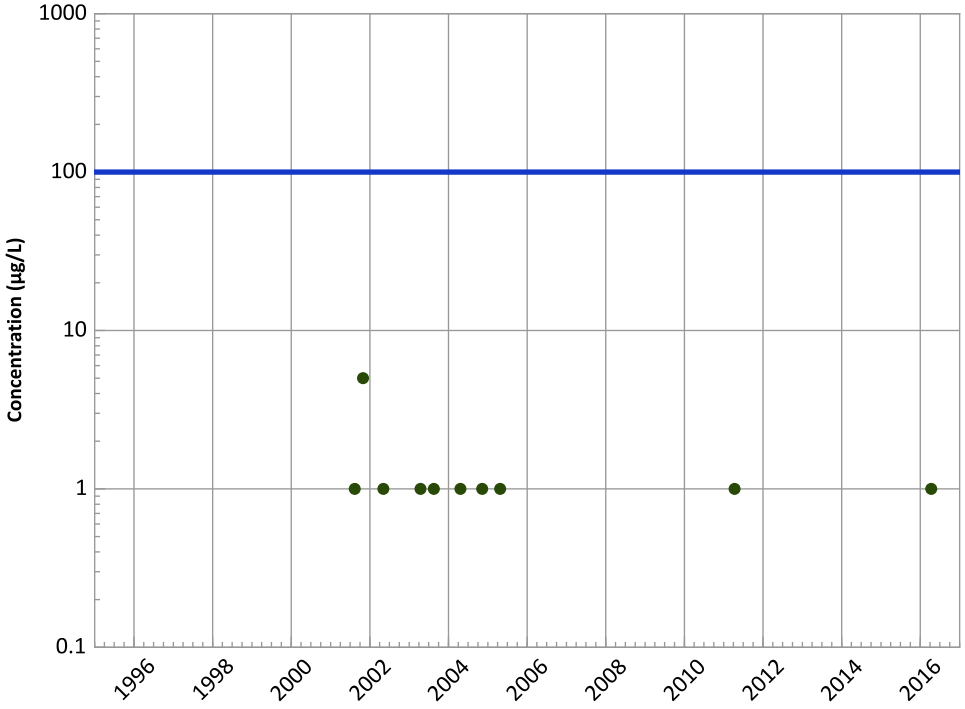
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Styrene Trend

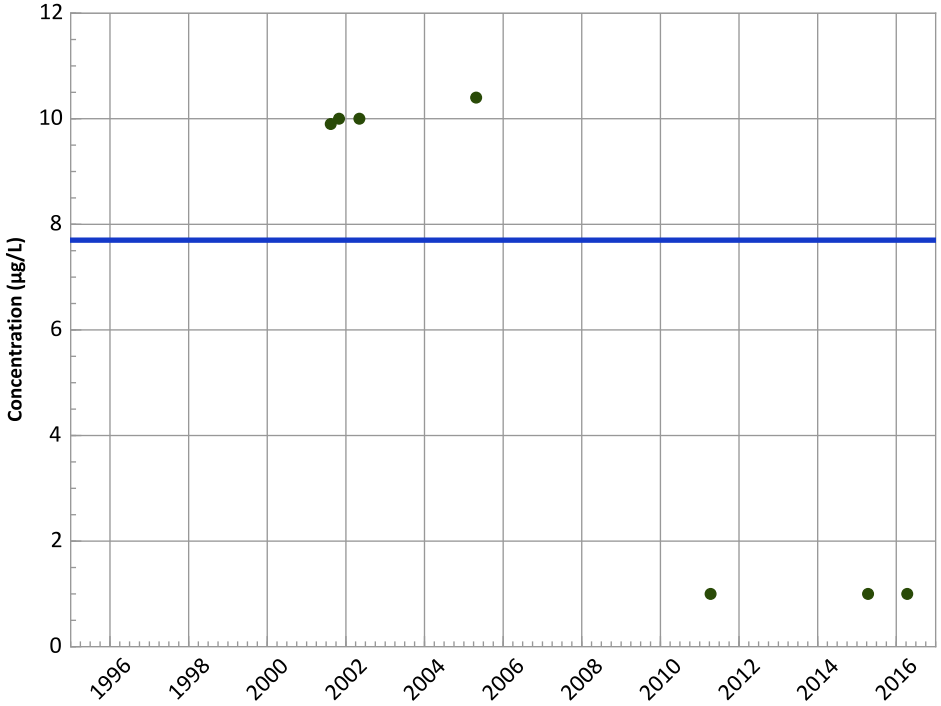


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

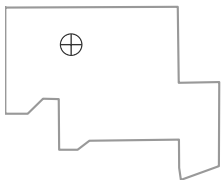
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

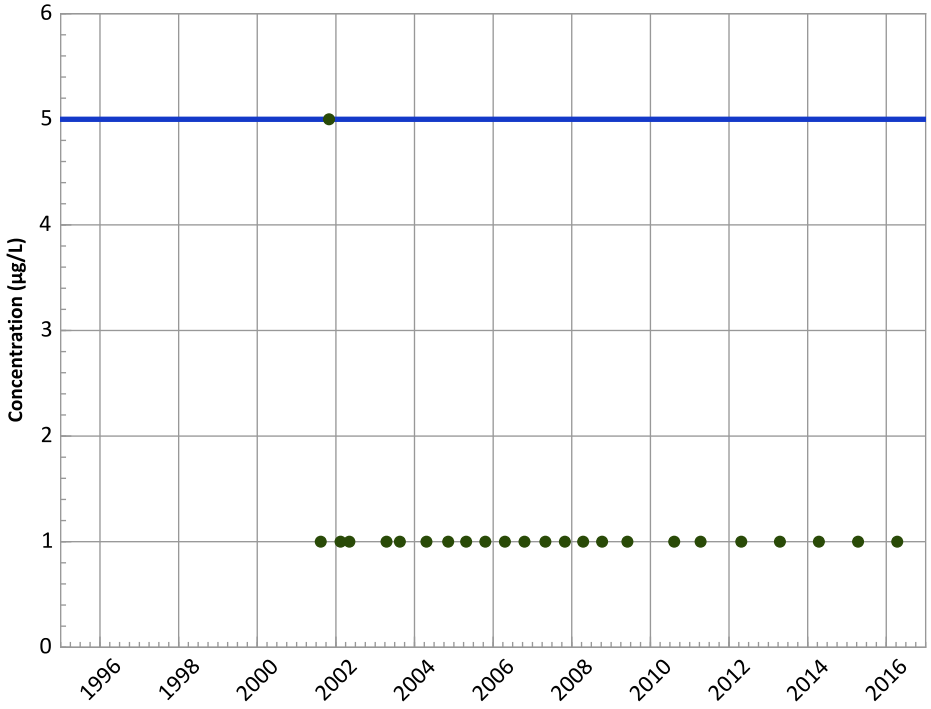
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

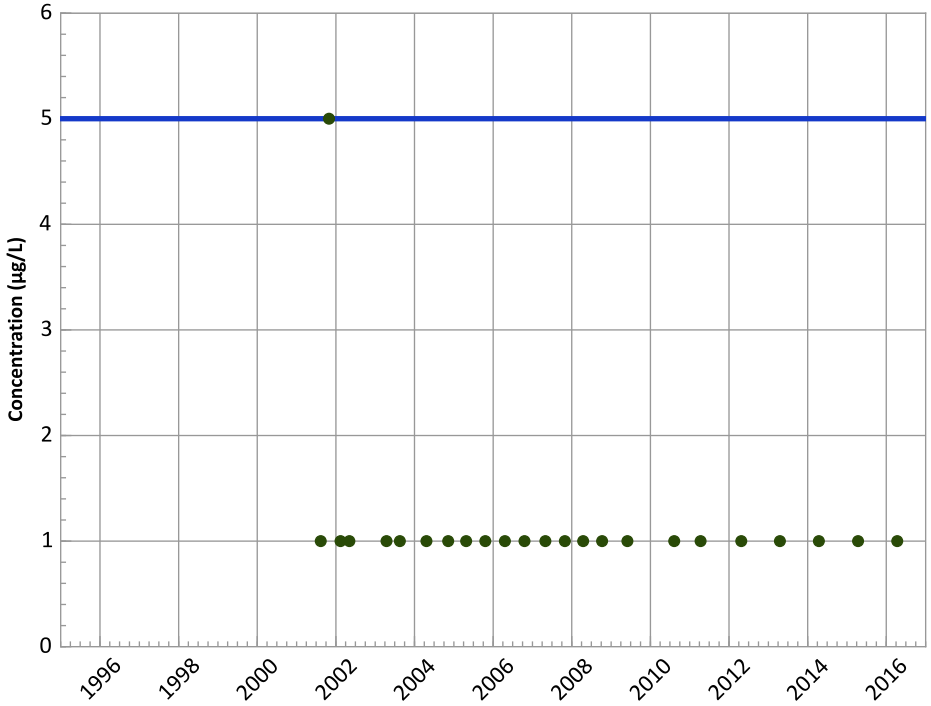


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend

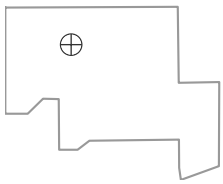


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Well Location

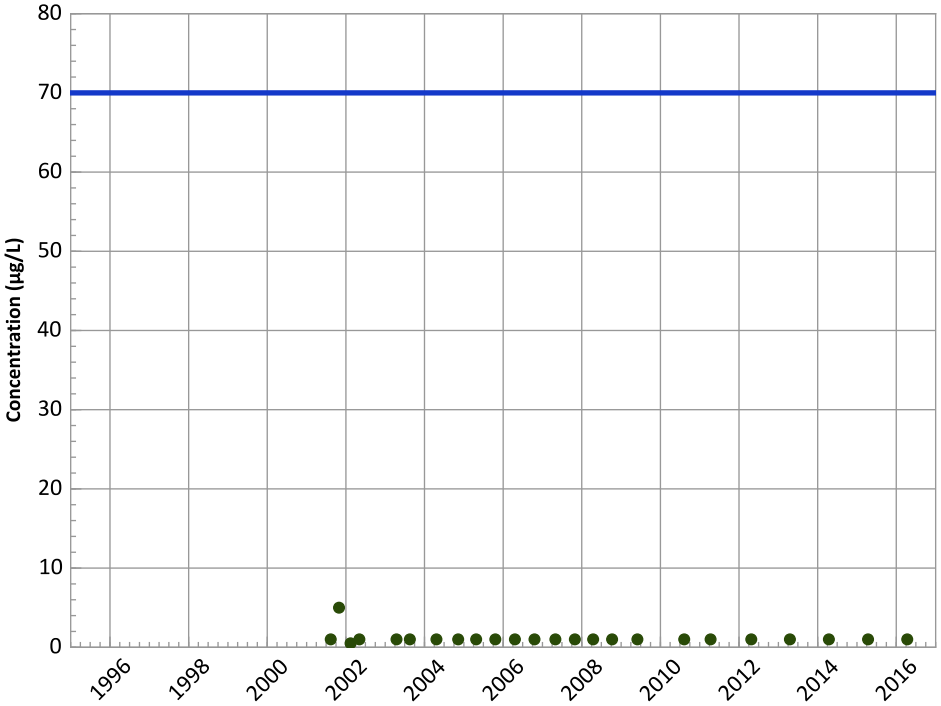


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ——— Groundwater Protection Standard

PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

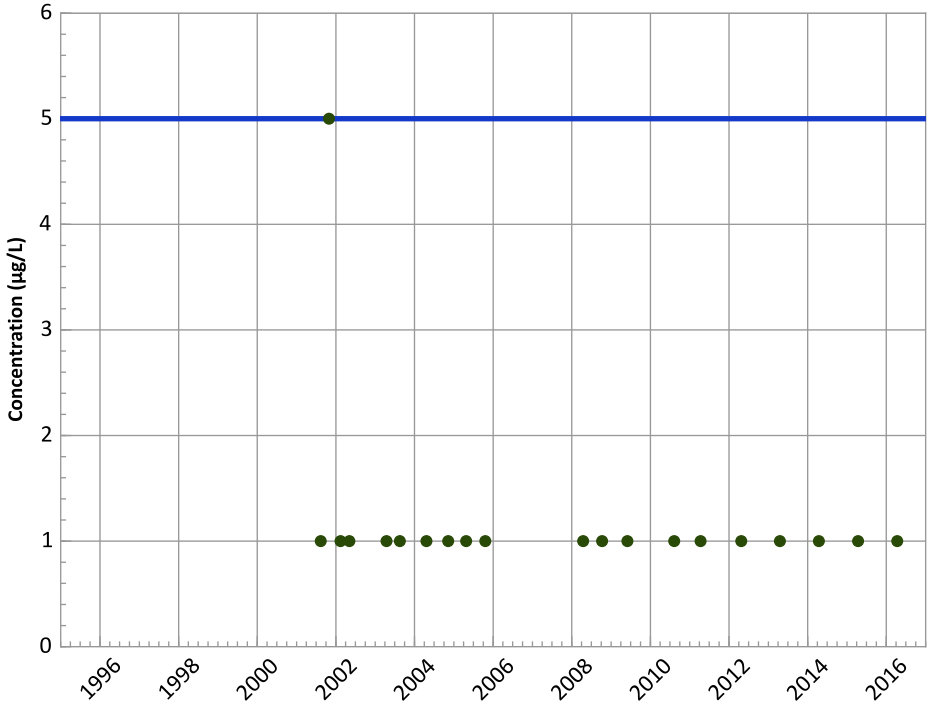


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

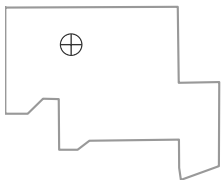
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

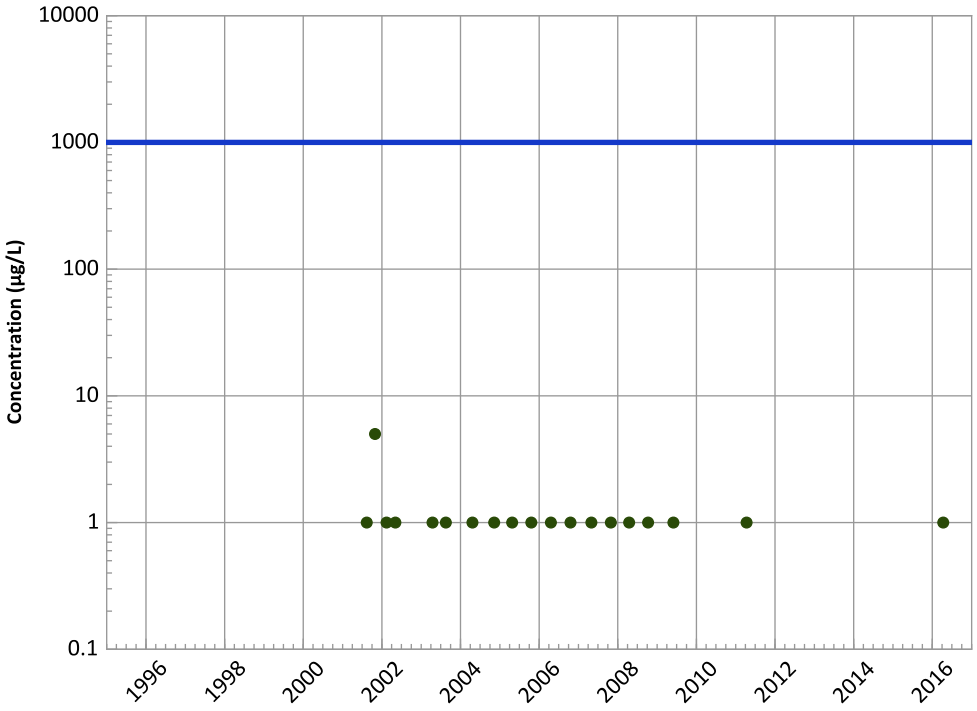
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Toluene Trend

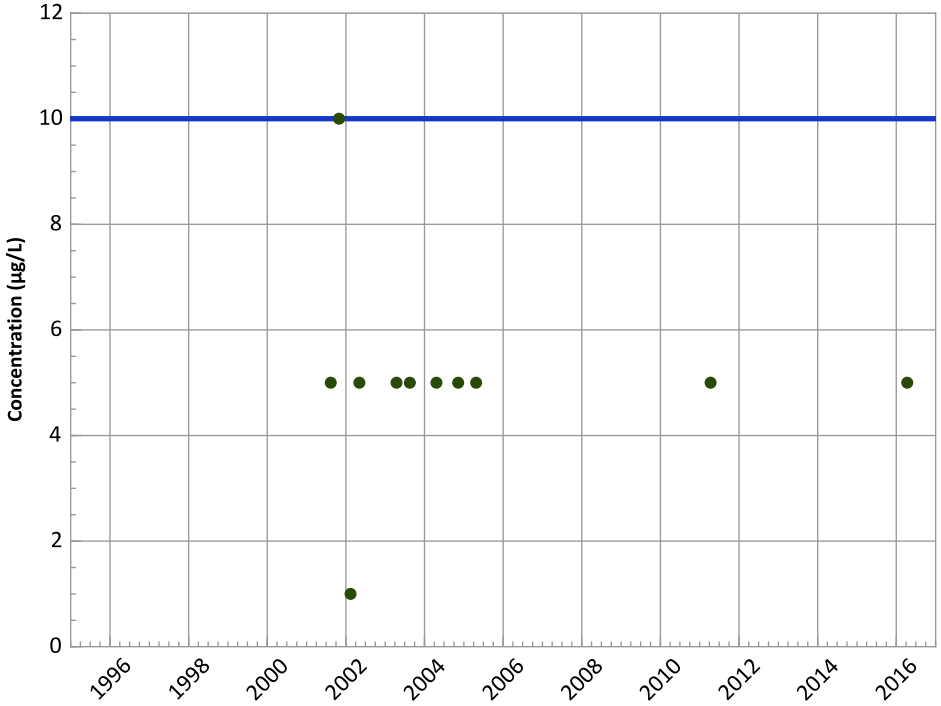


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

trans-1,4-Dichloro-2-Butene Trend



Concentration Trend

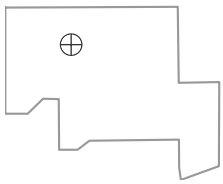
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

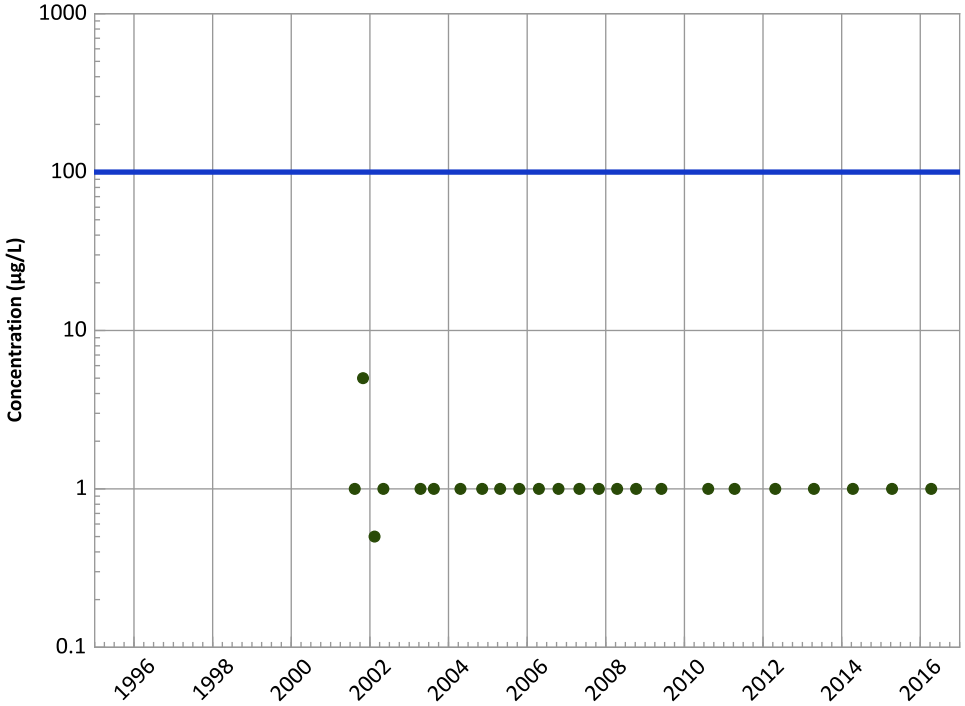
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

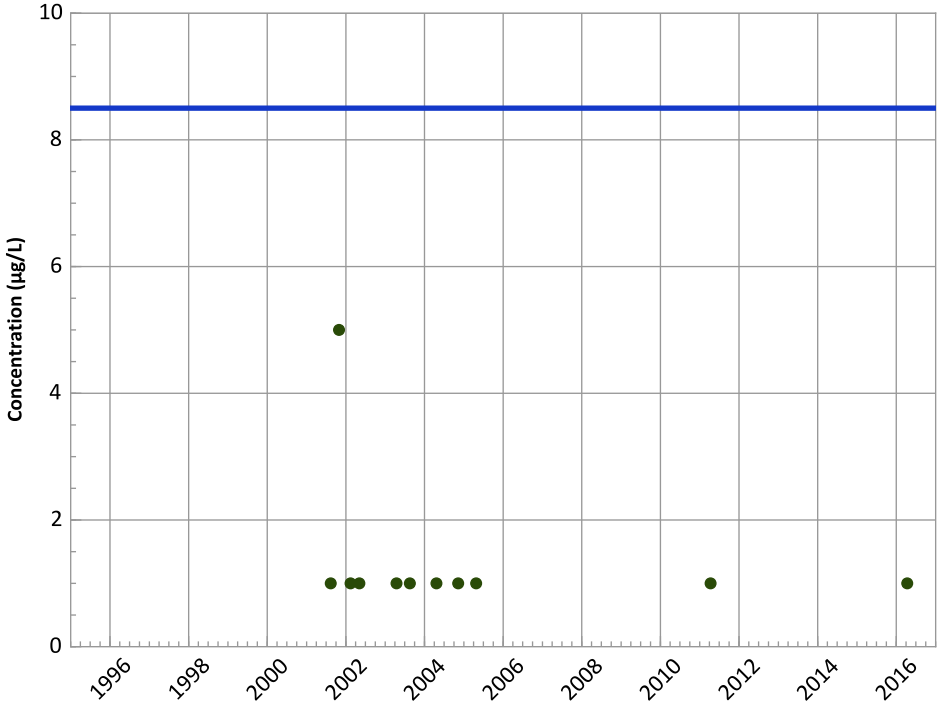


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

trans-1,3-Dichloropropene Trend



Concentration Trend

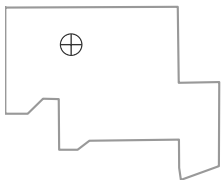
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

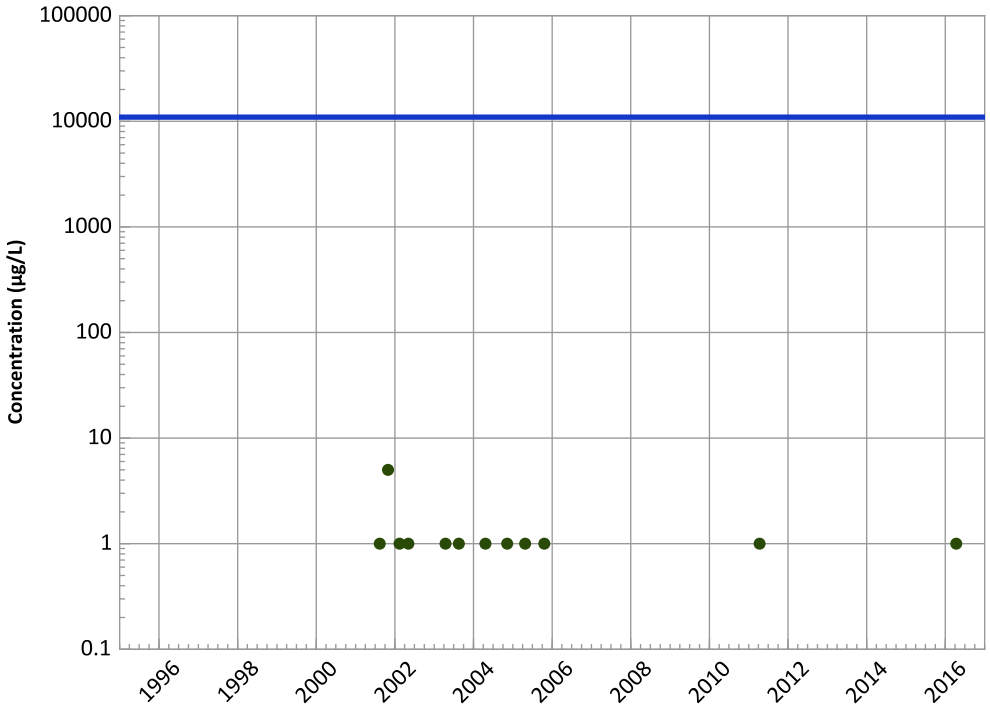
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichlorofluoromethane Trend

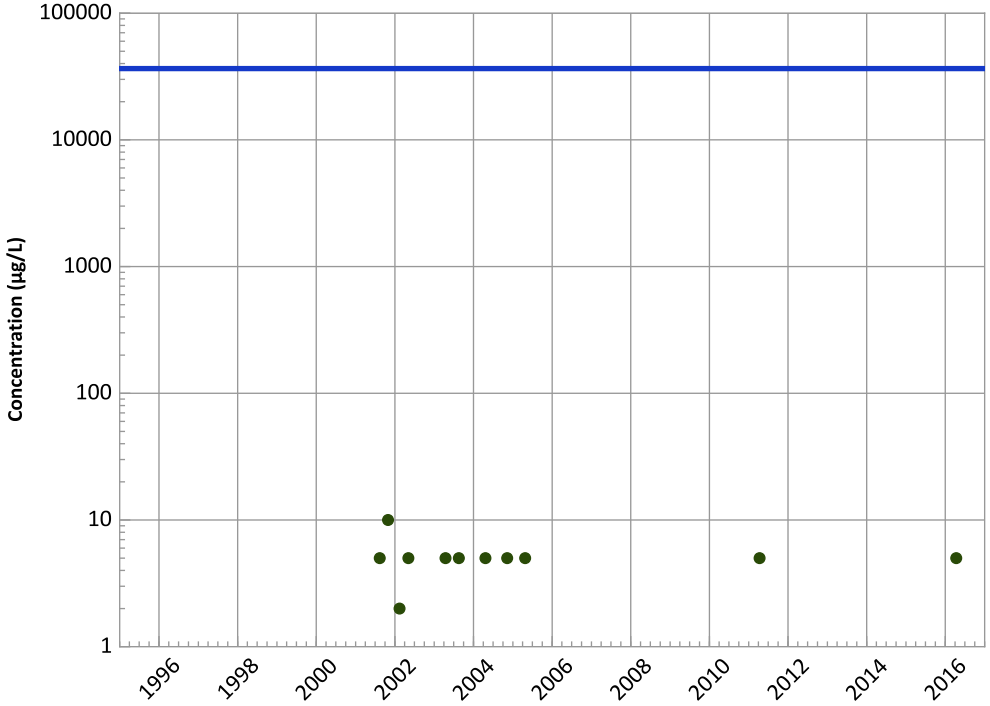


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Vinyl Acetate Trend



Concentration Trend

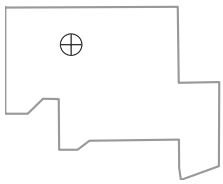
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

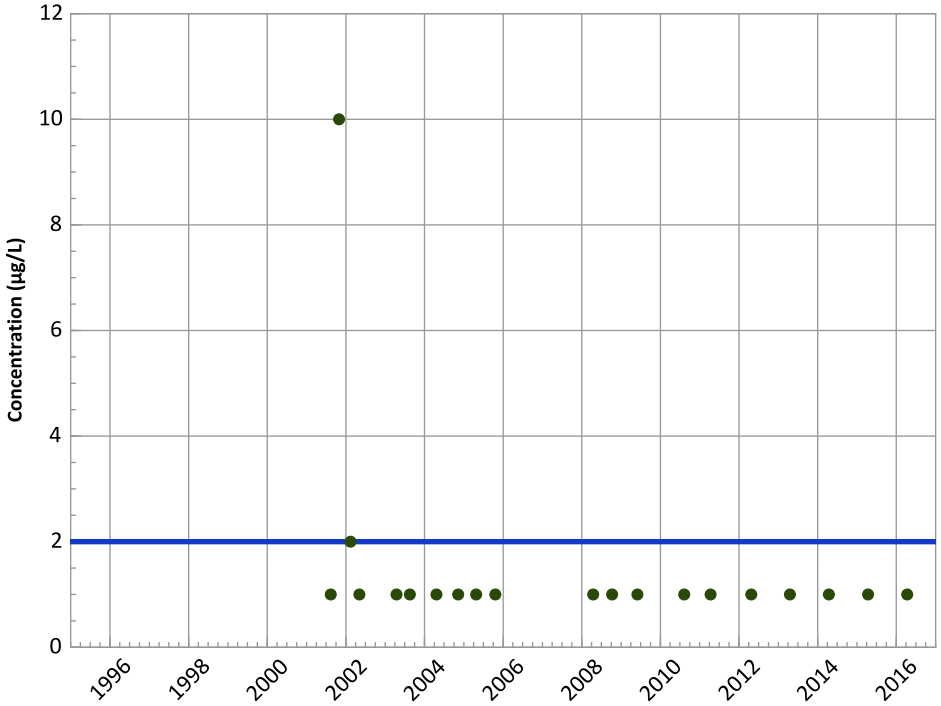
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

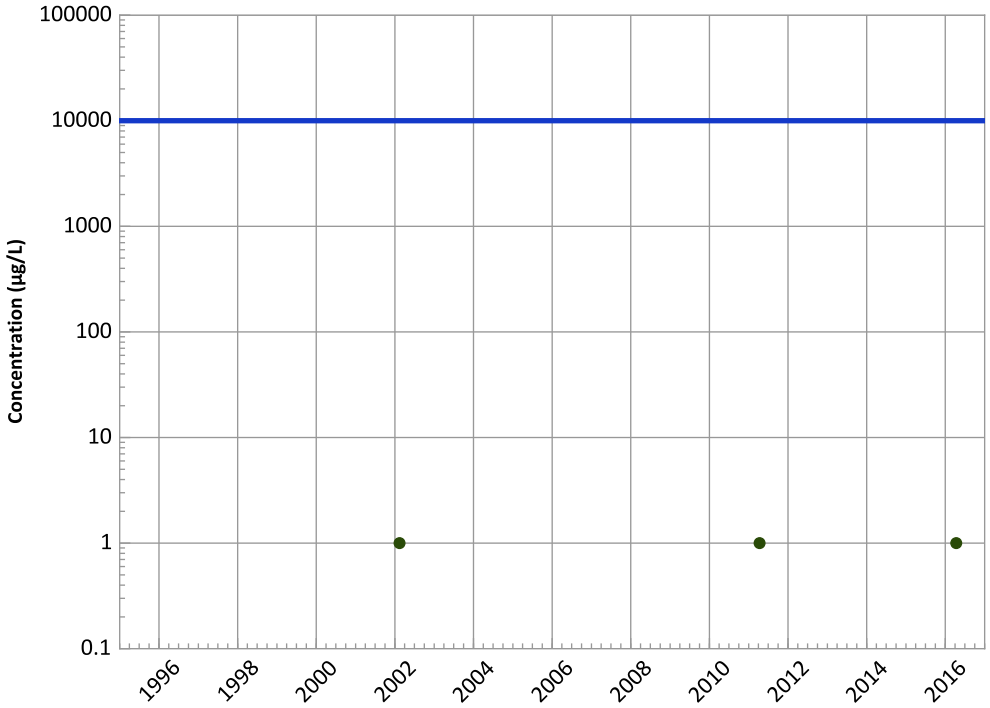


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Xylenes, Total Trend



Concentration Trend

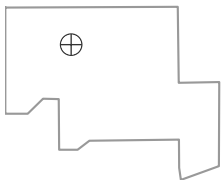
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

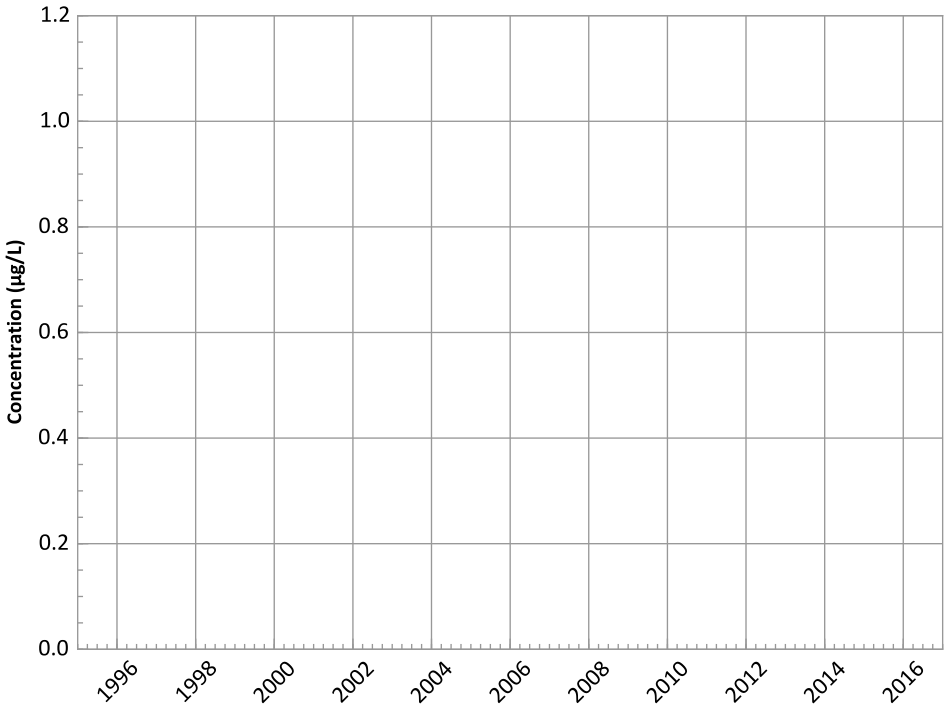
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sulfide Trend

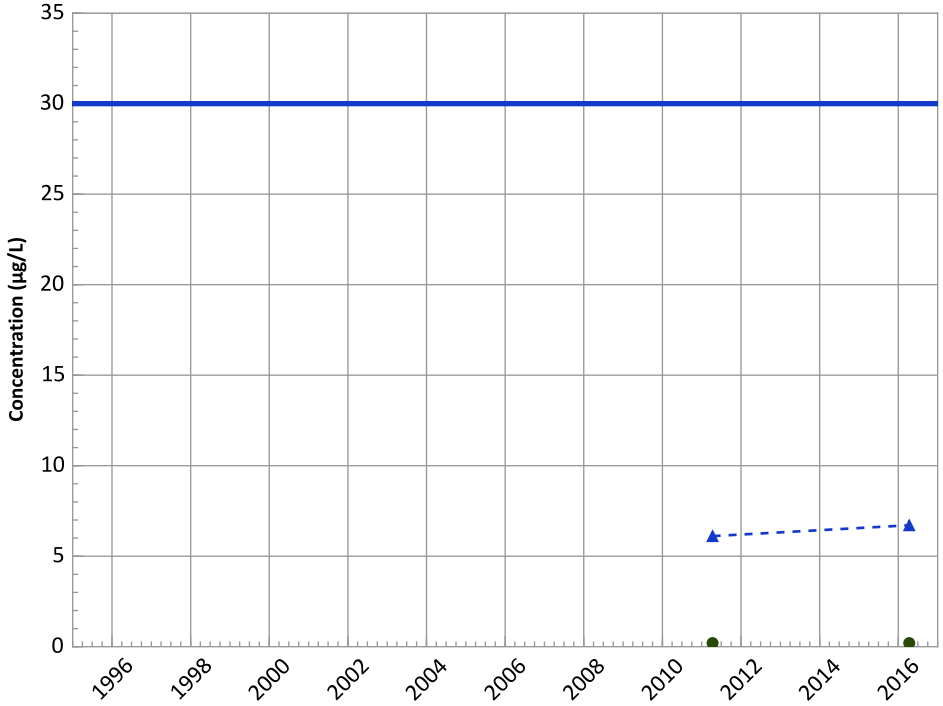


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Uranium, Total Trend



Concentration Trend

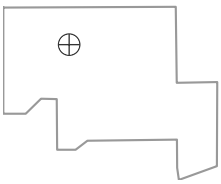
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

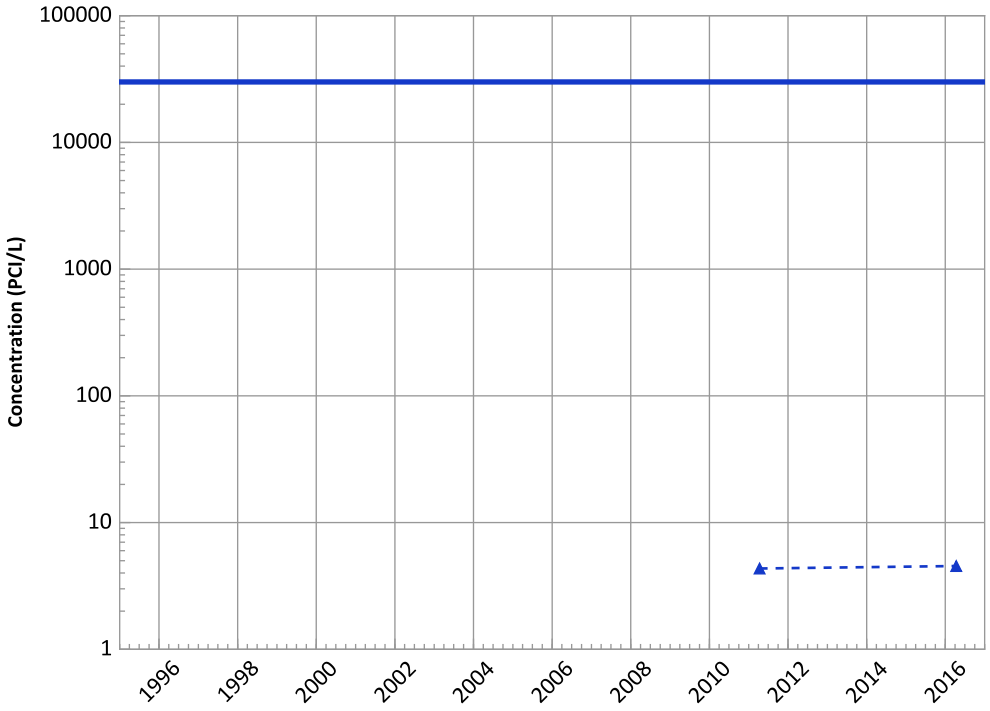
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Uranium-233/234 Trend

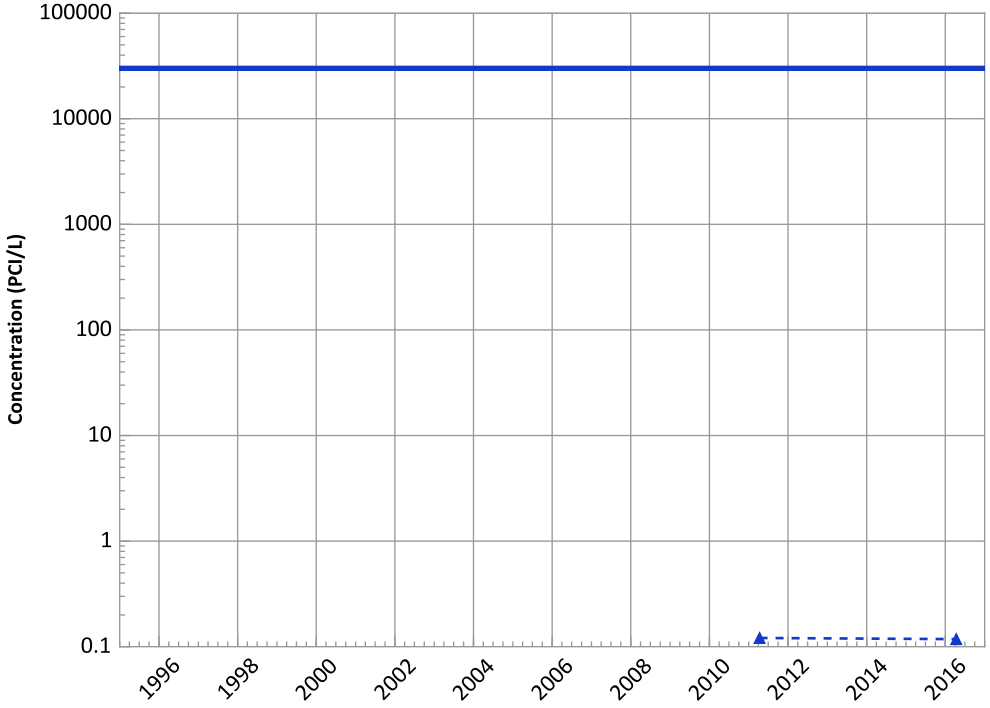


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Uranium-235/236 Trend



Concentration Trend

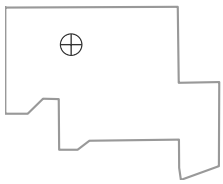
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

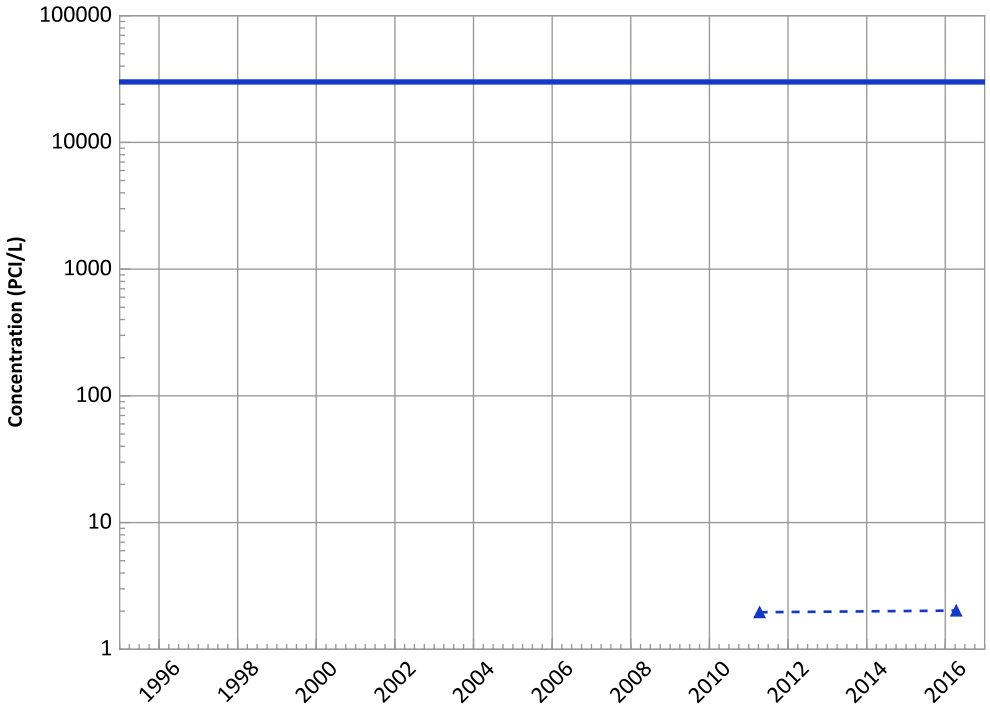
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Uranium-238 Trend

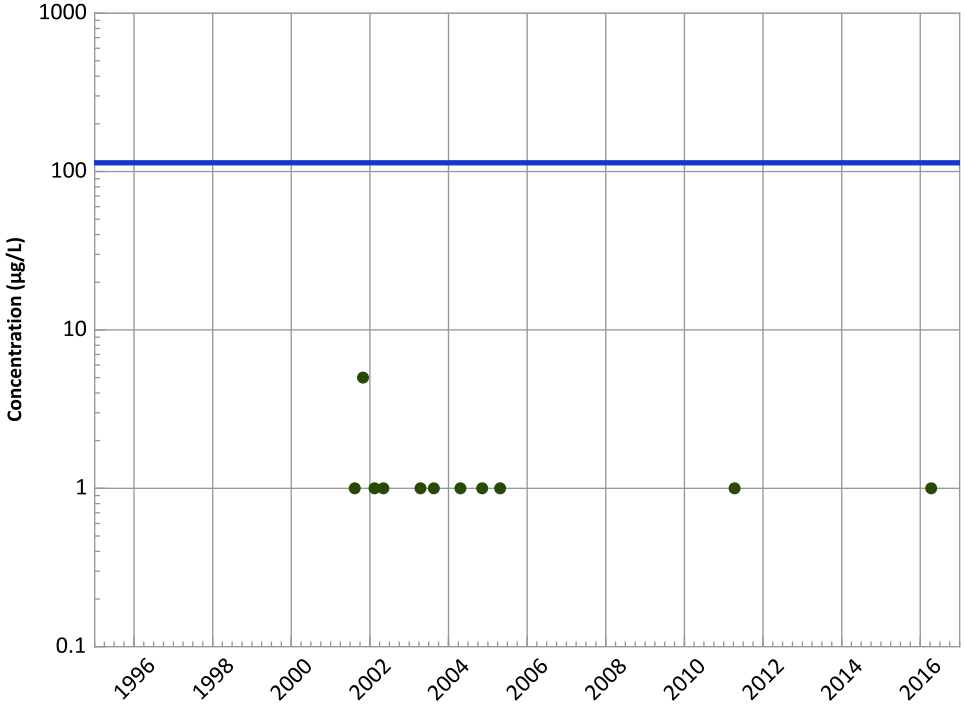


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Dibromomethane Trend



Concentration Trend

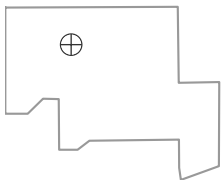
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

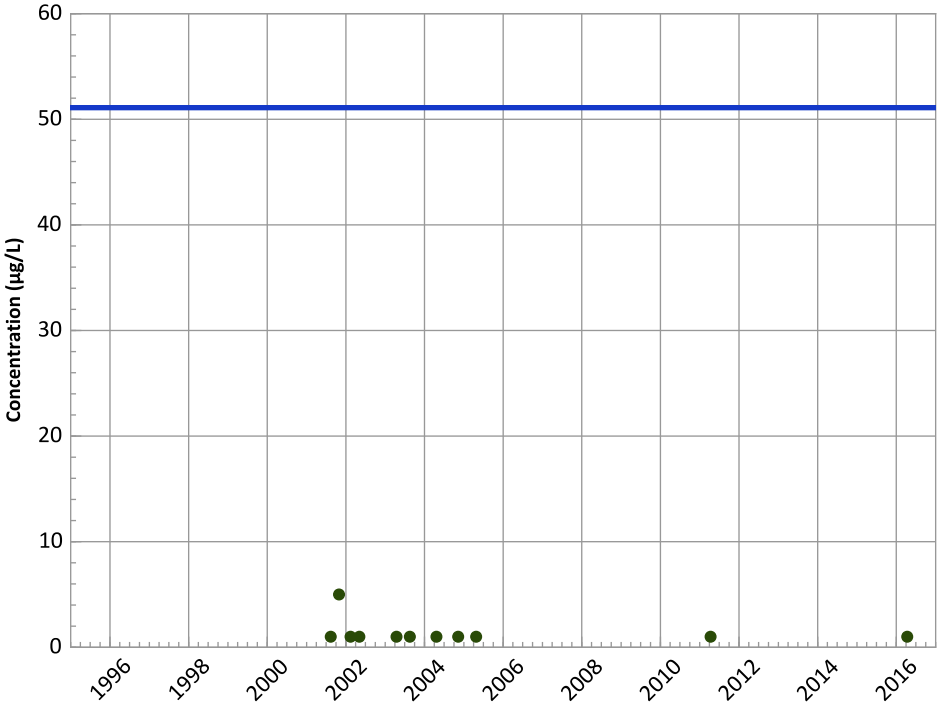
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Bromomethane Trend



Concentration Trend

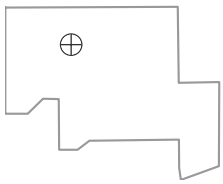
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

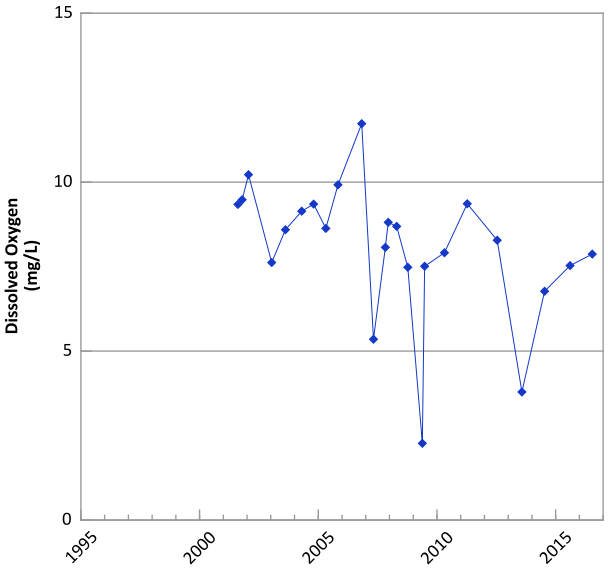
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/13/2001 to 04/12/2016
Analysis Date: 03/07/2017

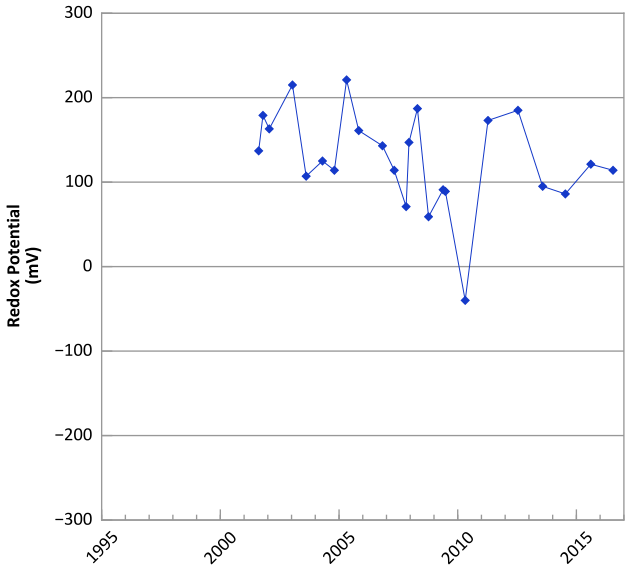
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

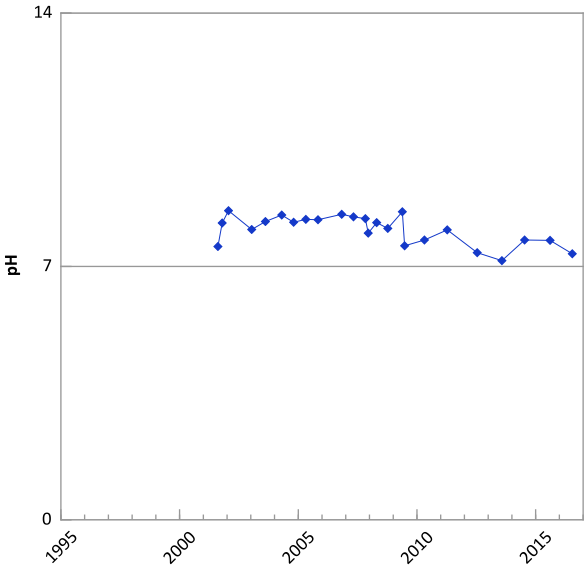
Well Location

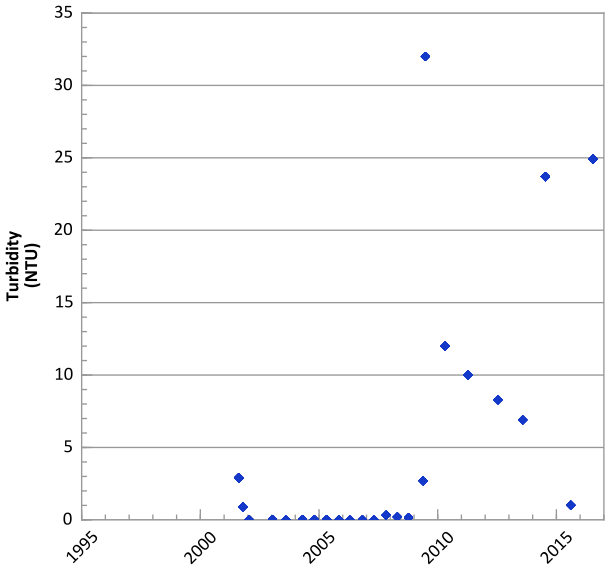


PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



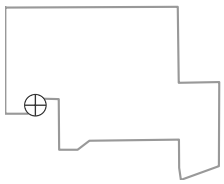






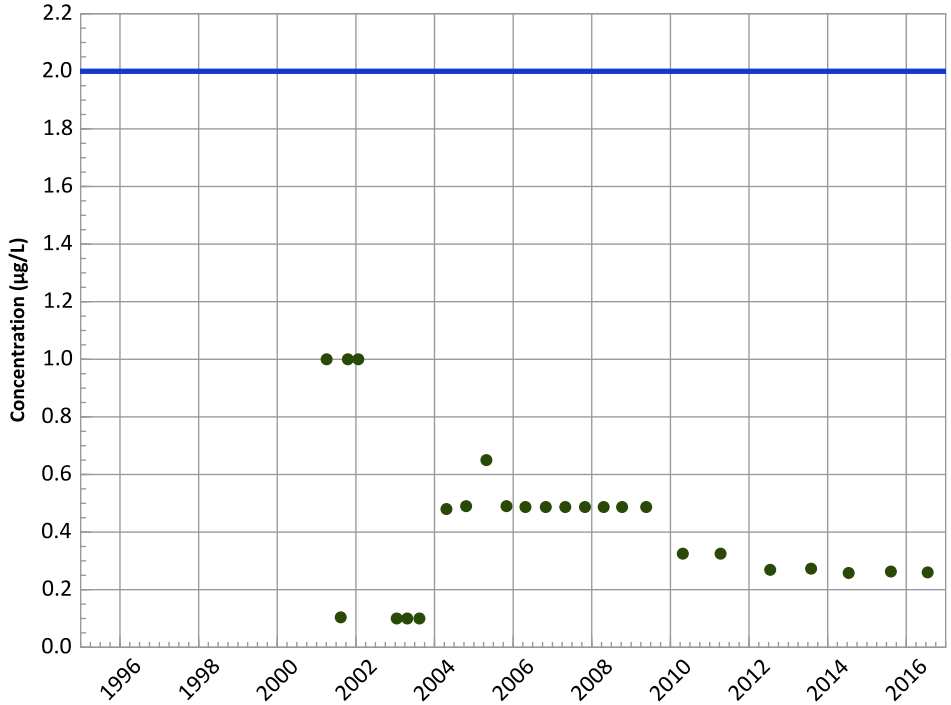
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

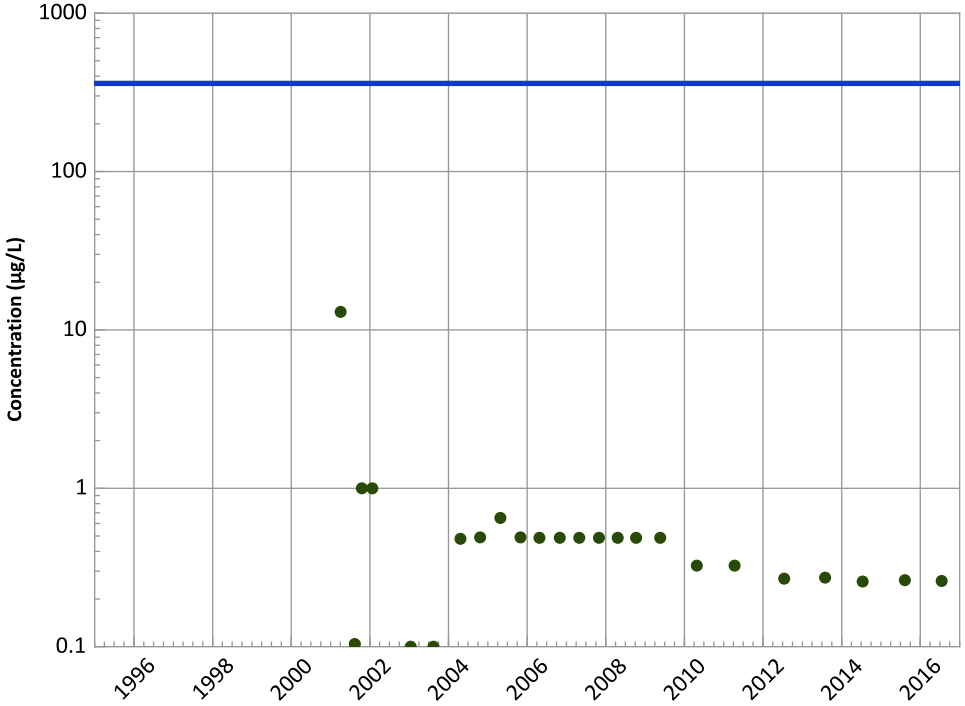


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

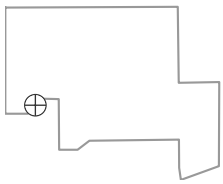
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

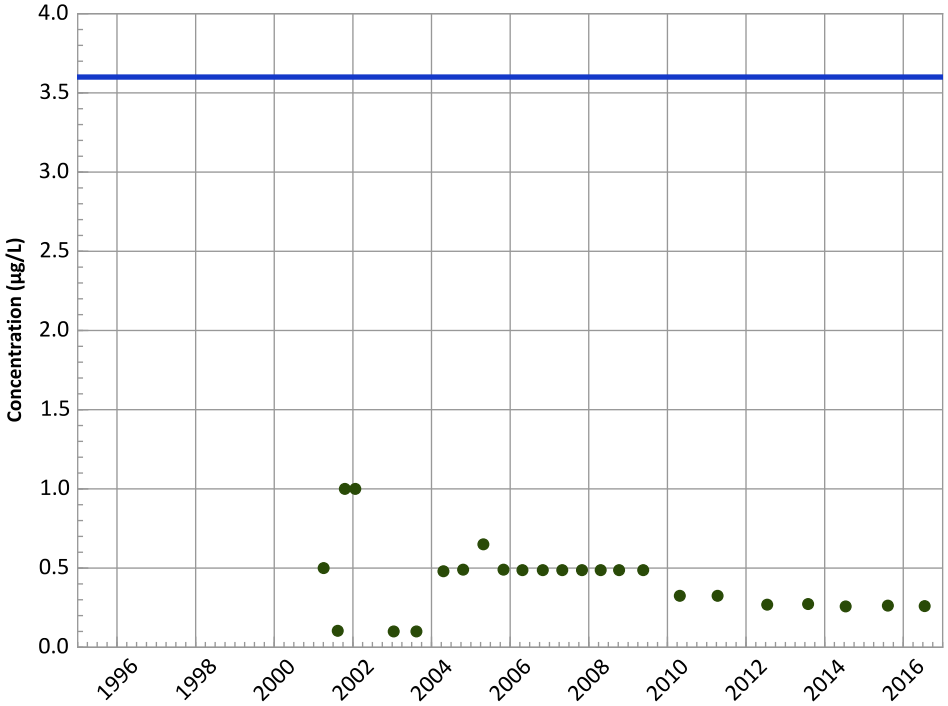
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

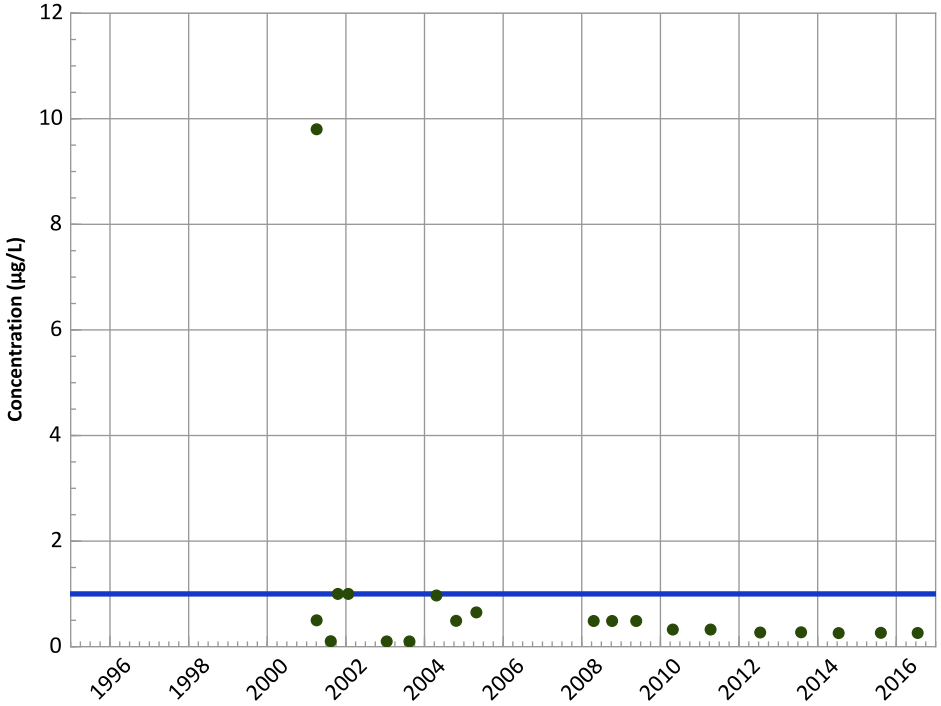


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

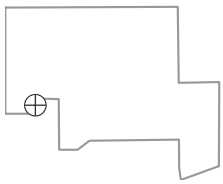
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

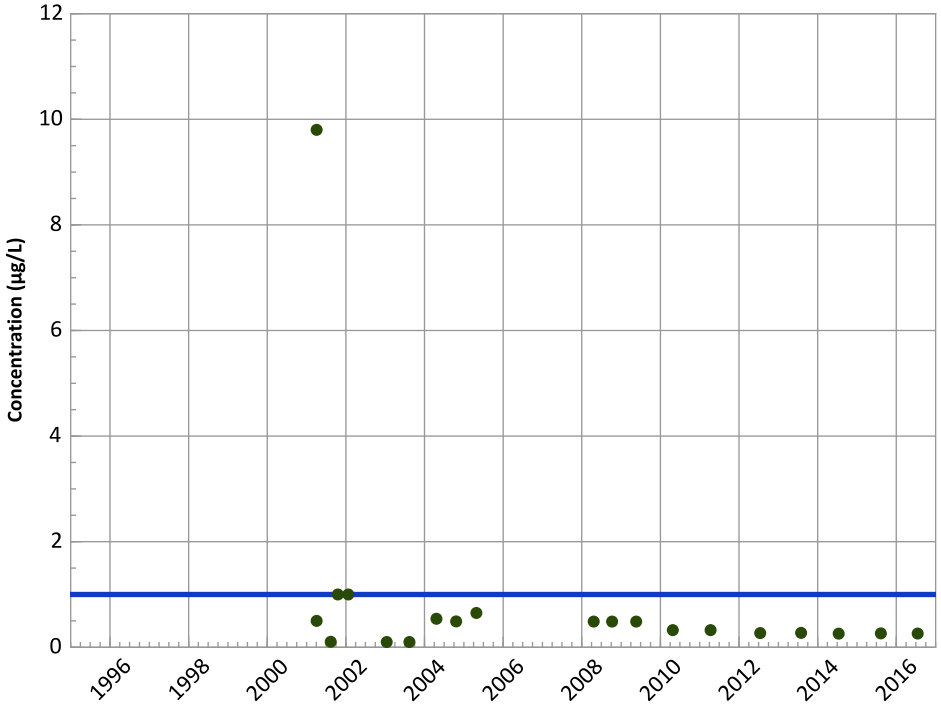
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

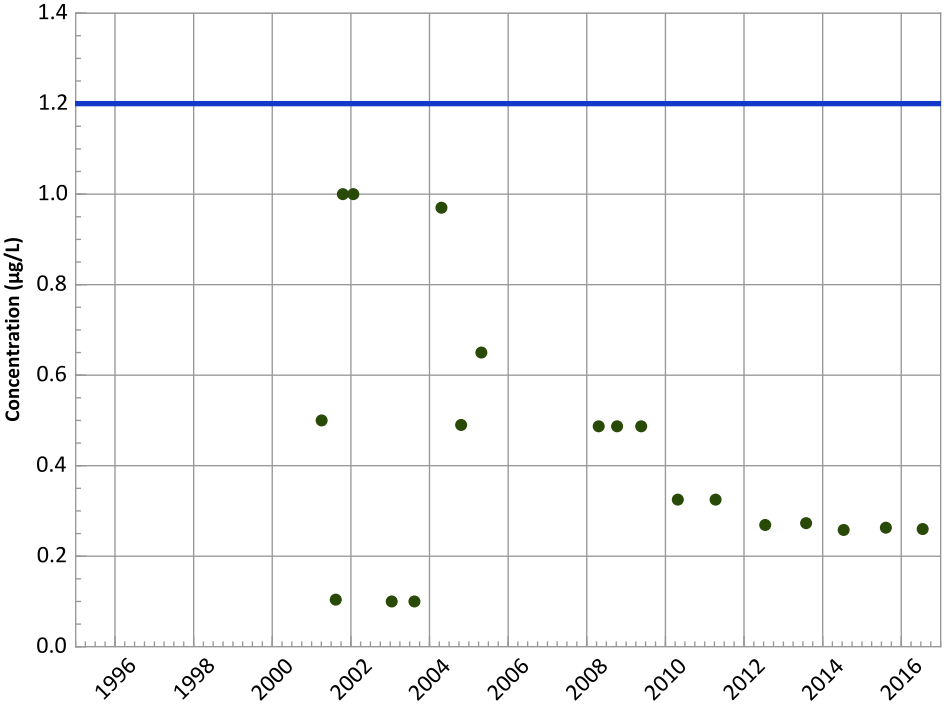


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

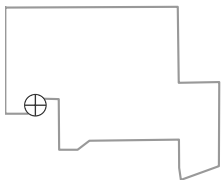
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

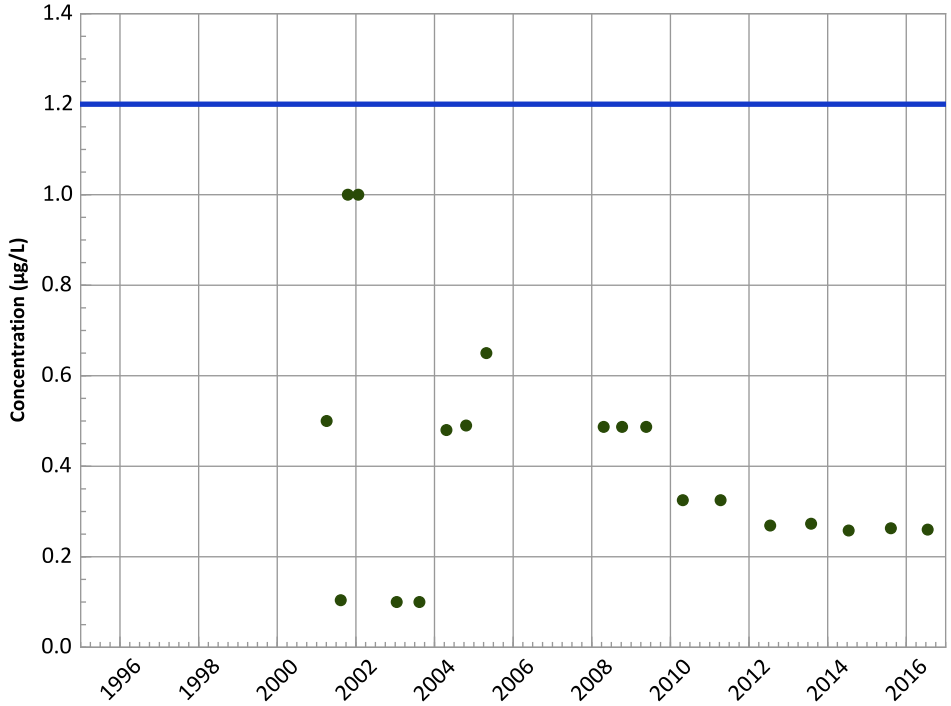
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

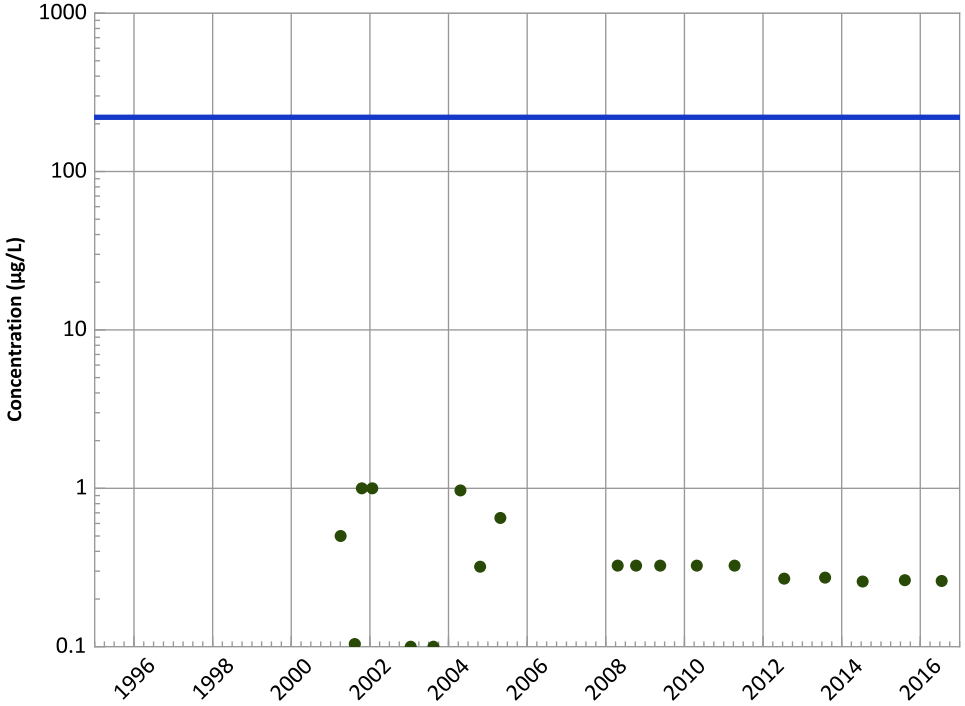


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

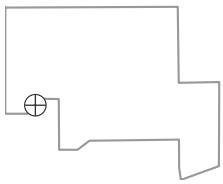
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

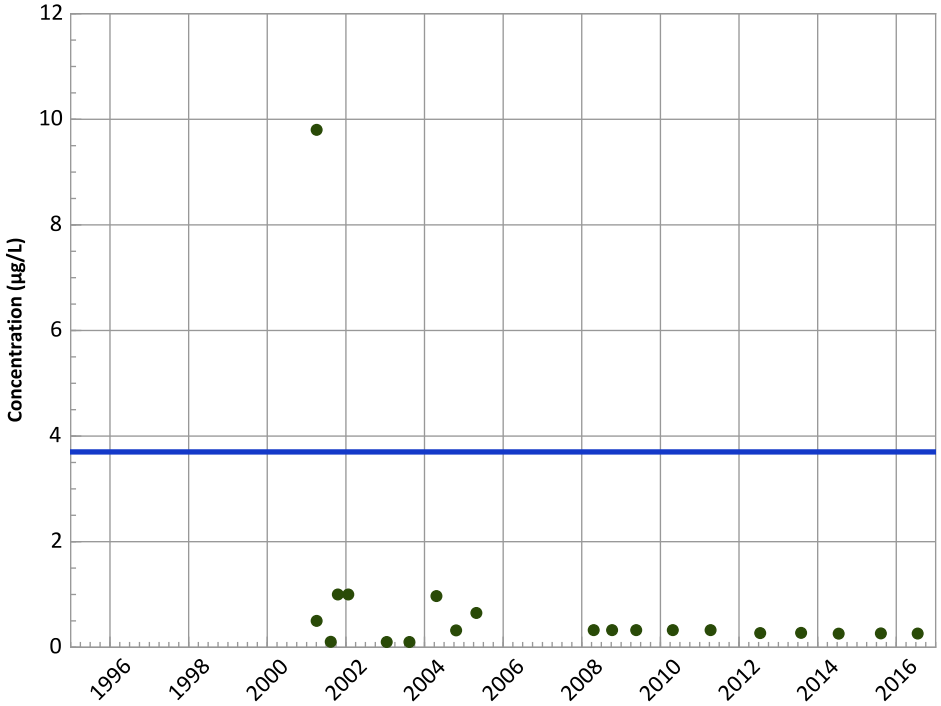
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

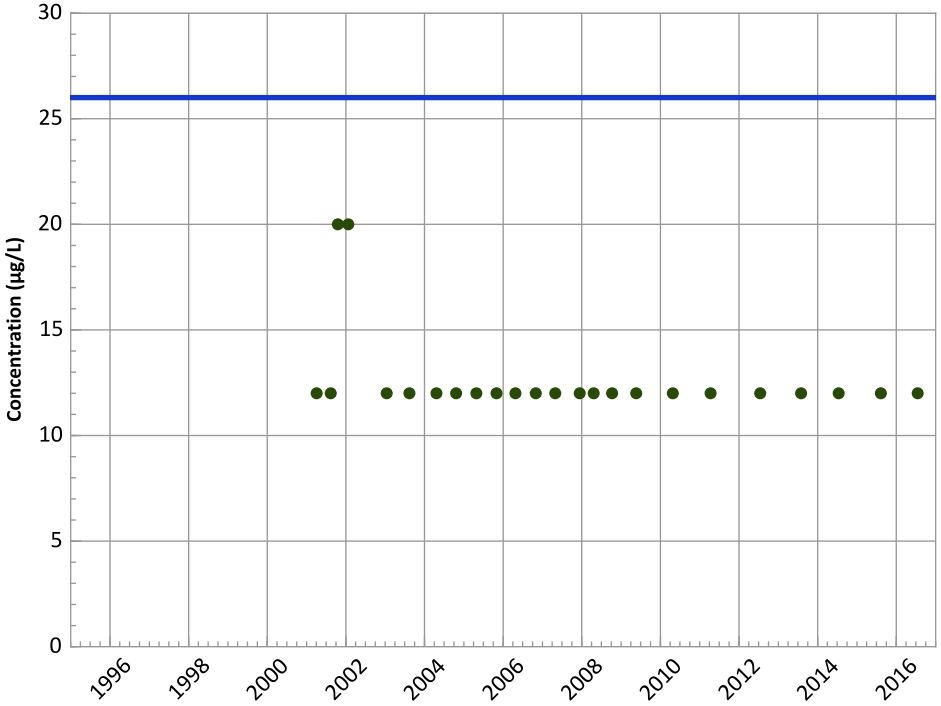


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

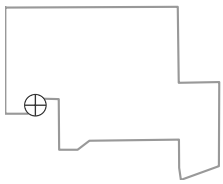
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

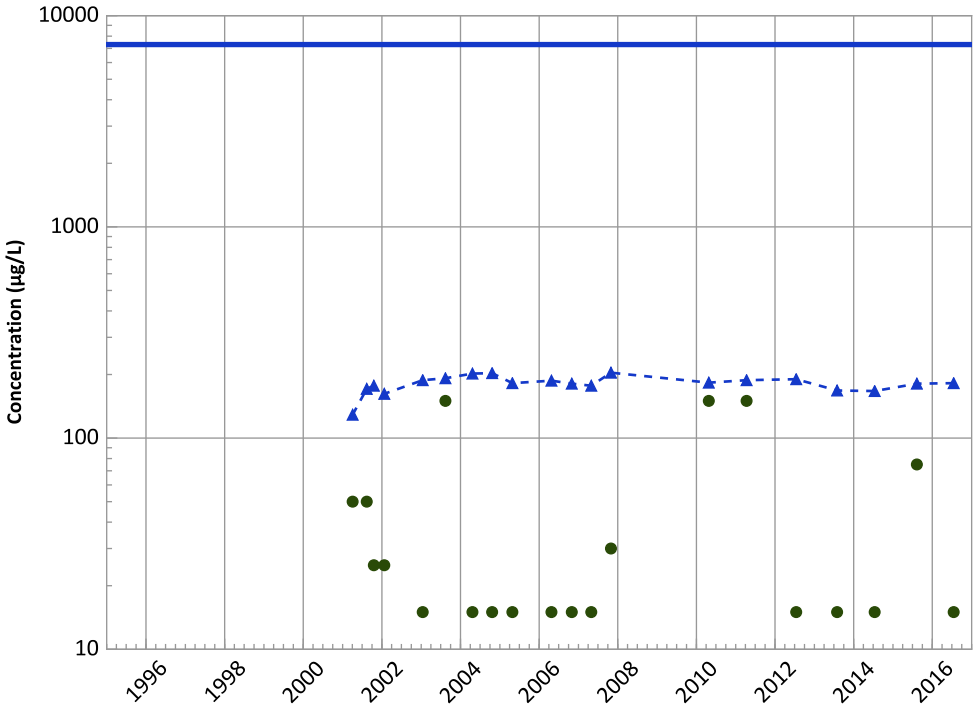
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

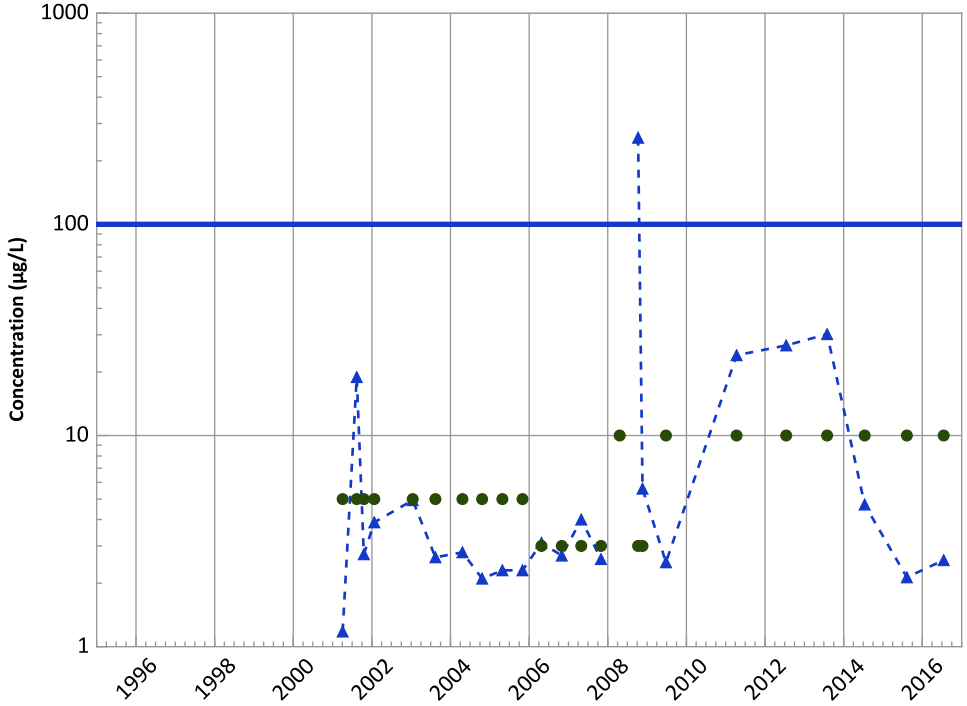


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Chromium, Total Trend



Concentration Trend

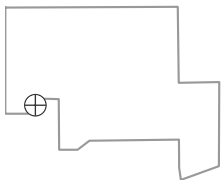
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

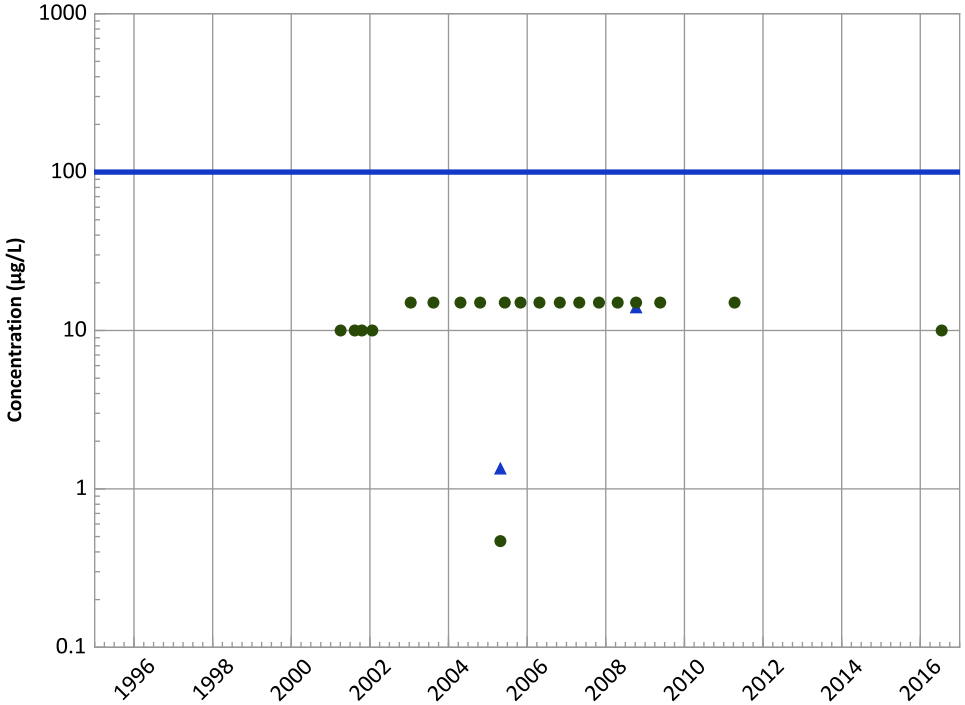
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

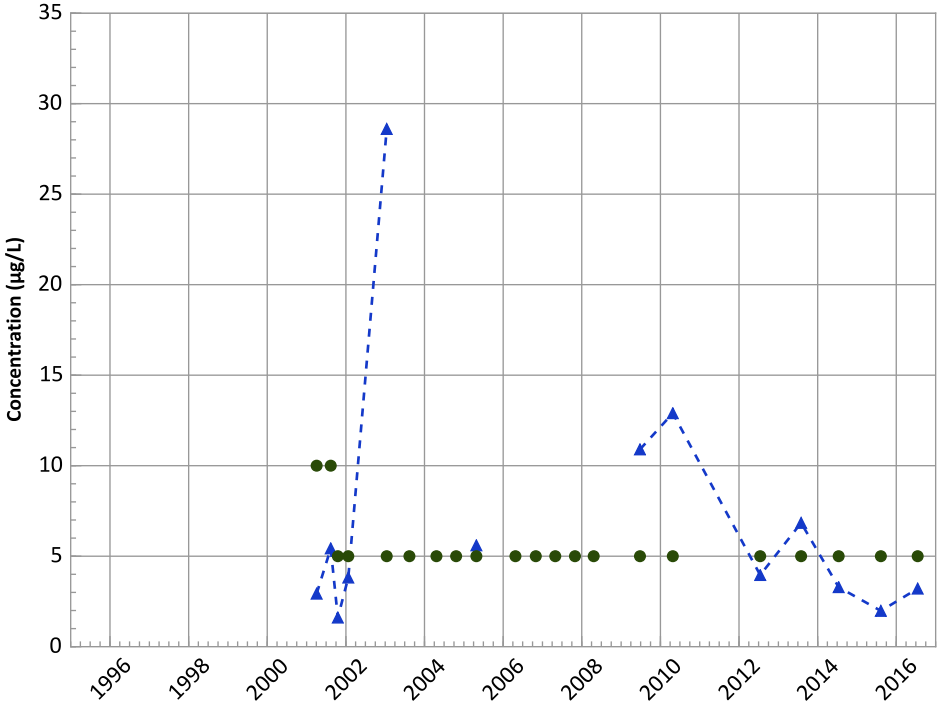


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

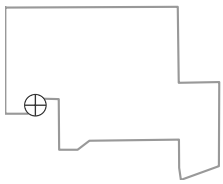
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

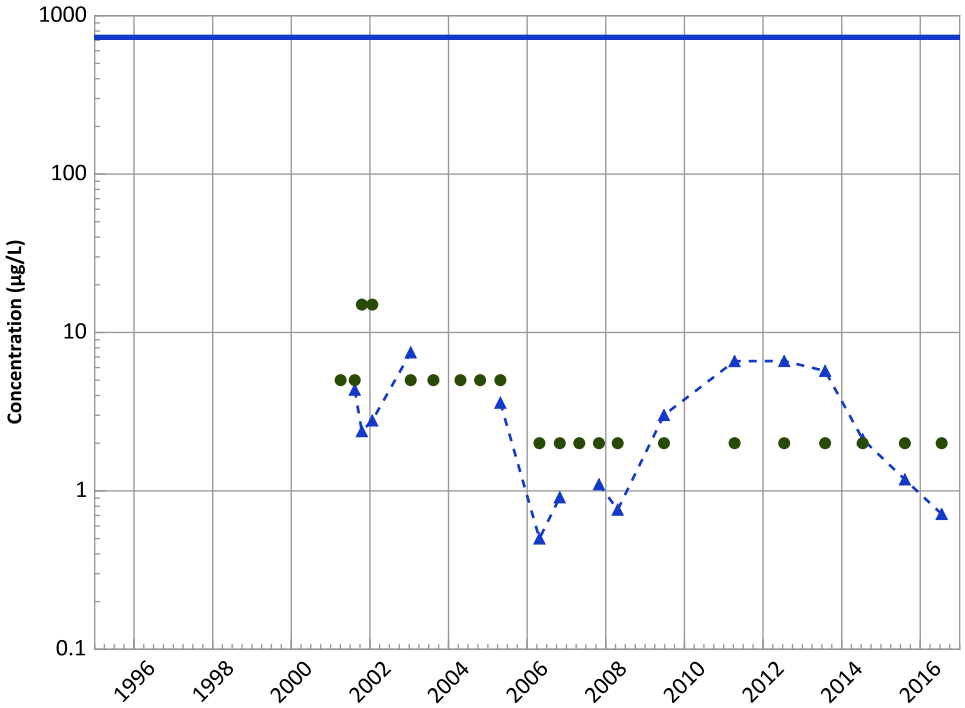
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

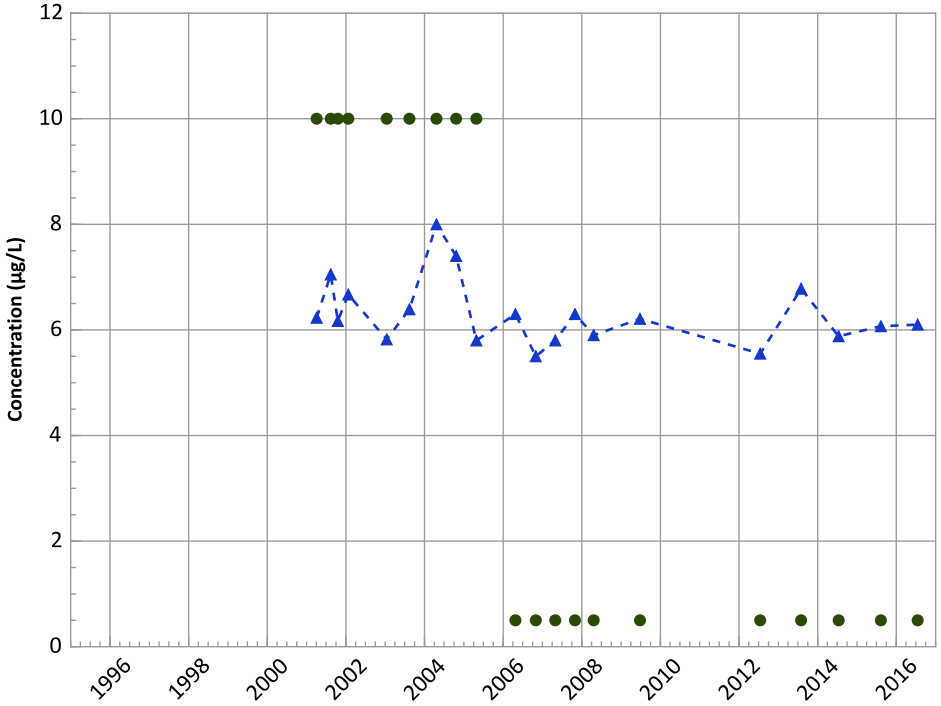


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Stable

Molybdenum Trend



Concentration Trend

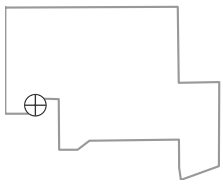
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

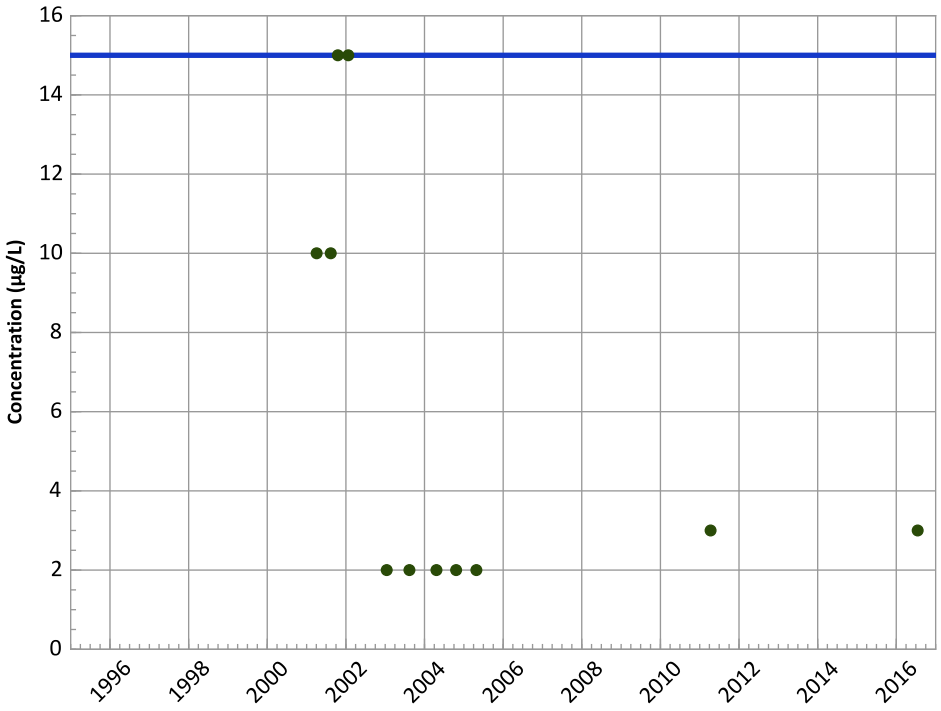
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Antimony Trend

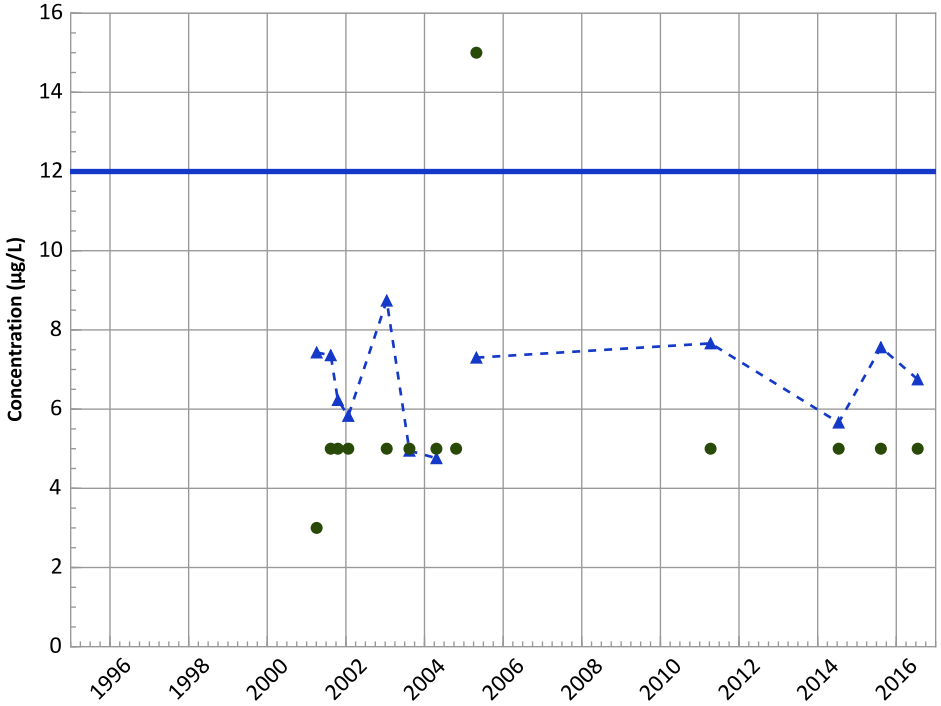


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Arsenic Trend



Concentration Trend

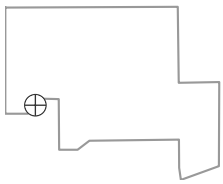
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

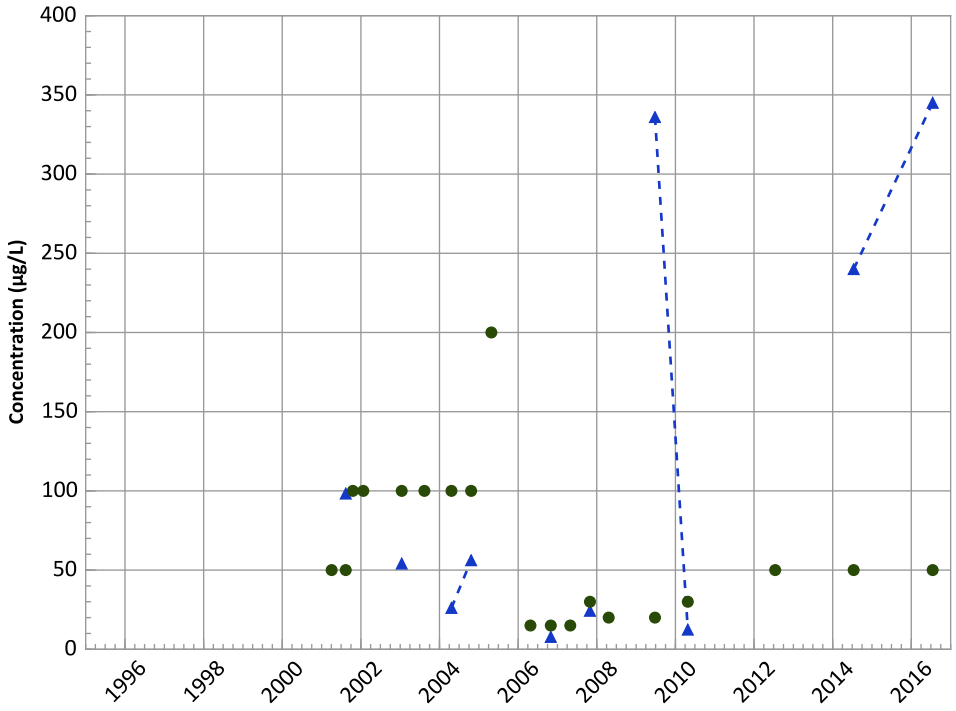
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

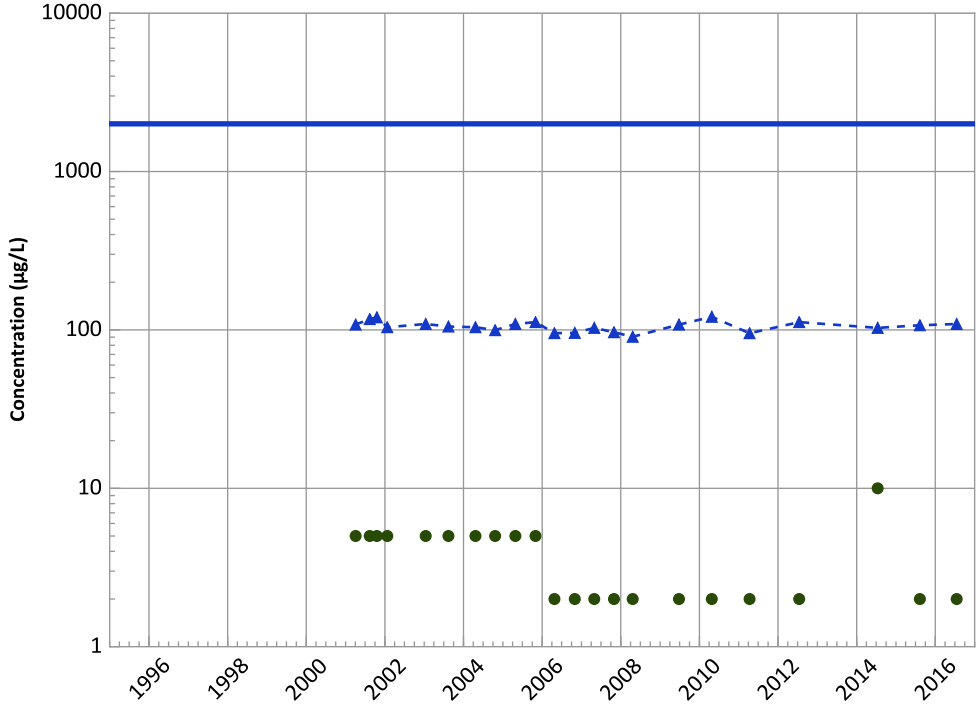


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Barium Trend



Concentration Trend

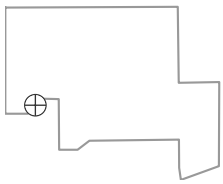
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

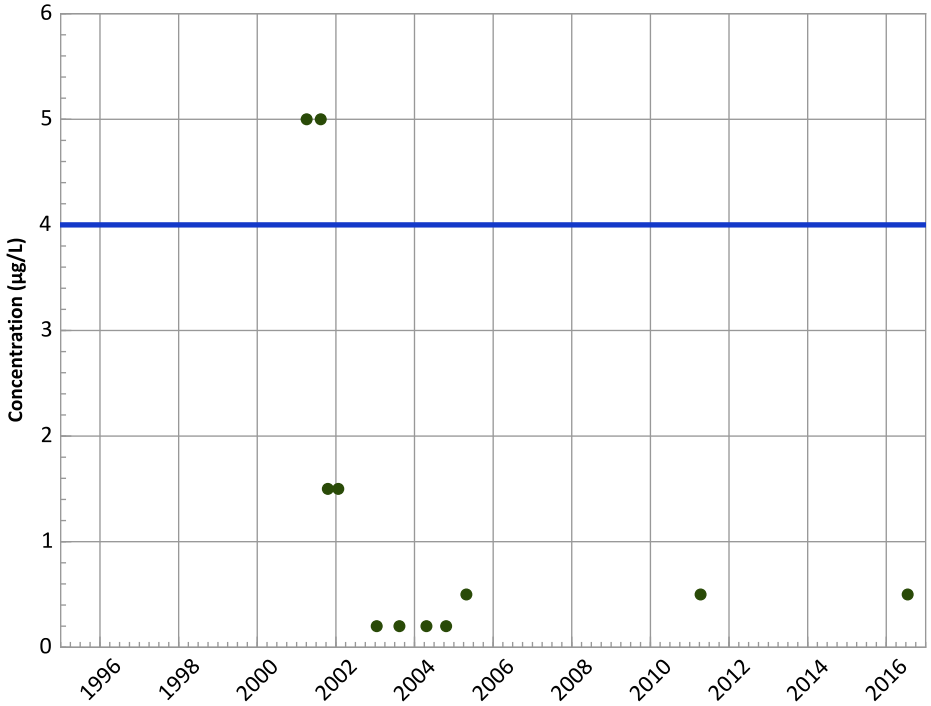
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Beryllium Trend

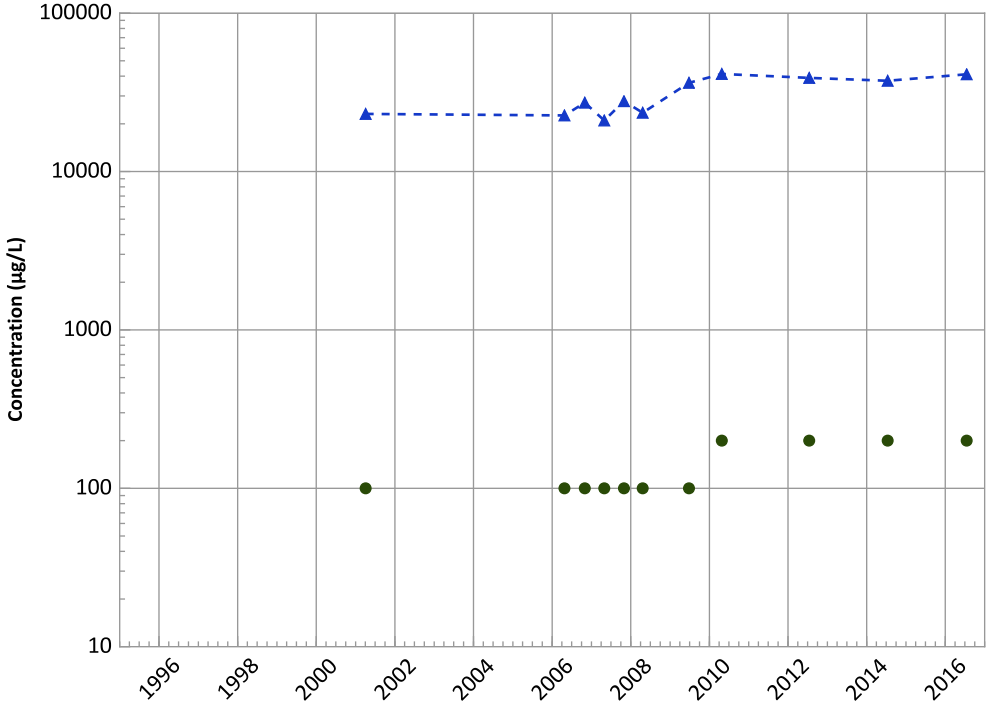


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Calcium Trend



Concentration Trend

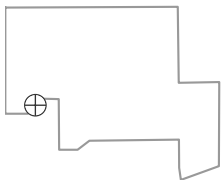
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

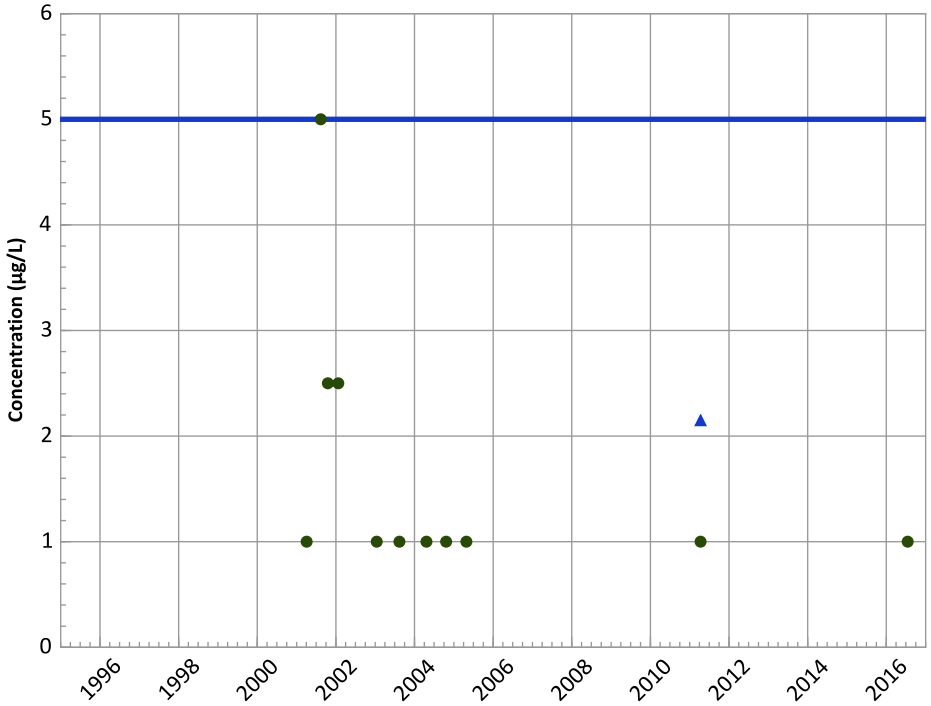
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Cadmium Trend

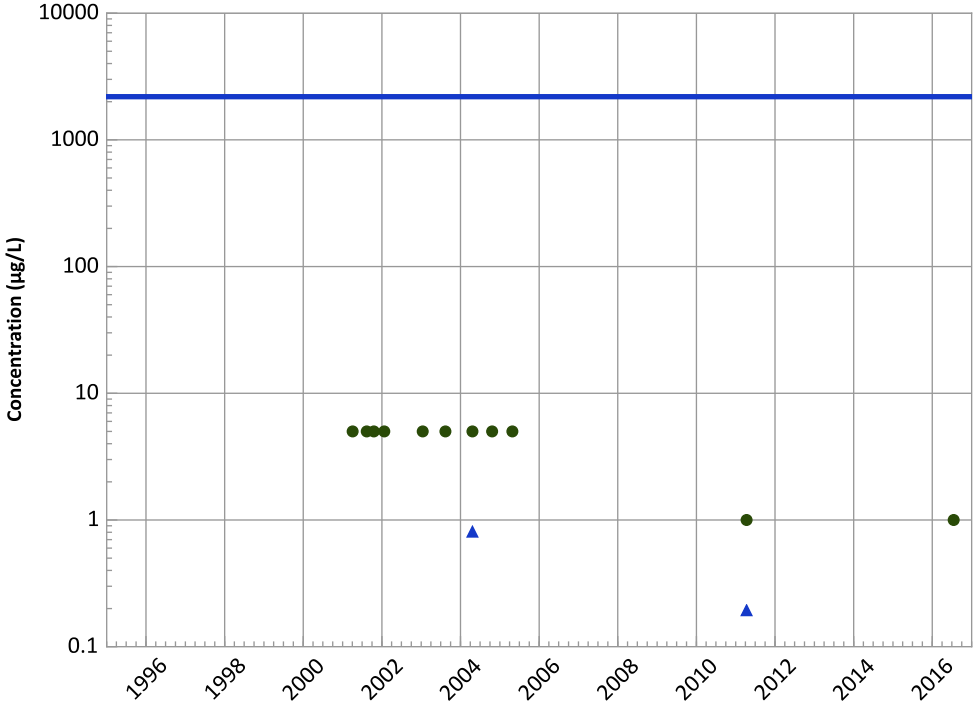


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Cobalt Trend



Concentration Trend

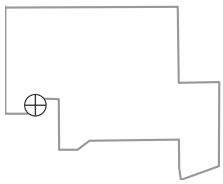
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

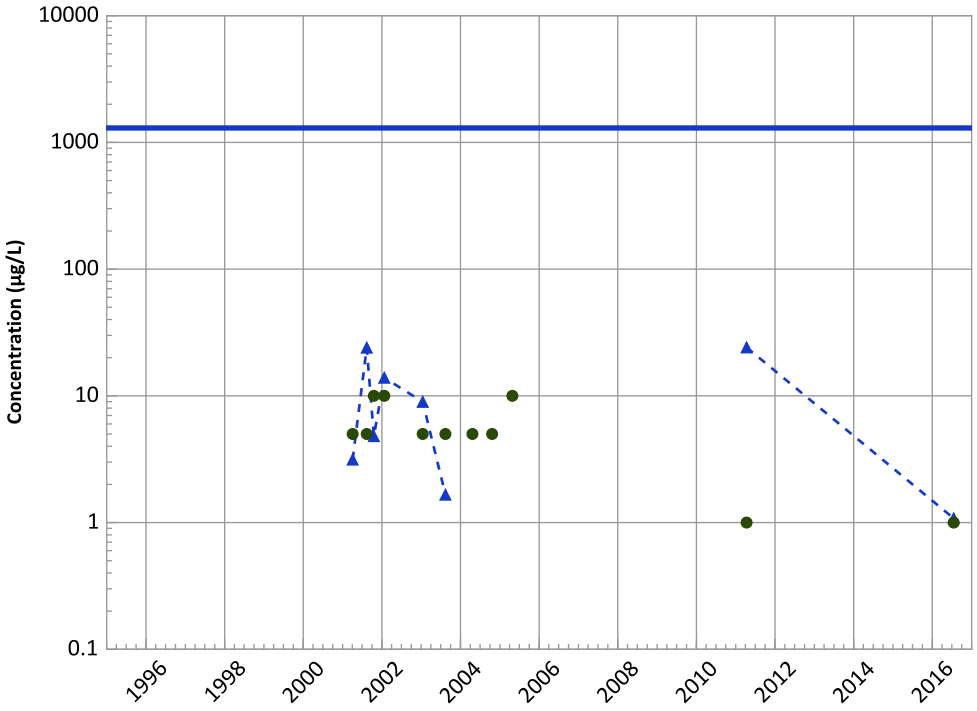
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Copper Trend

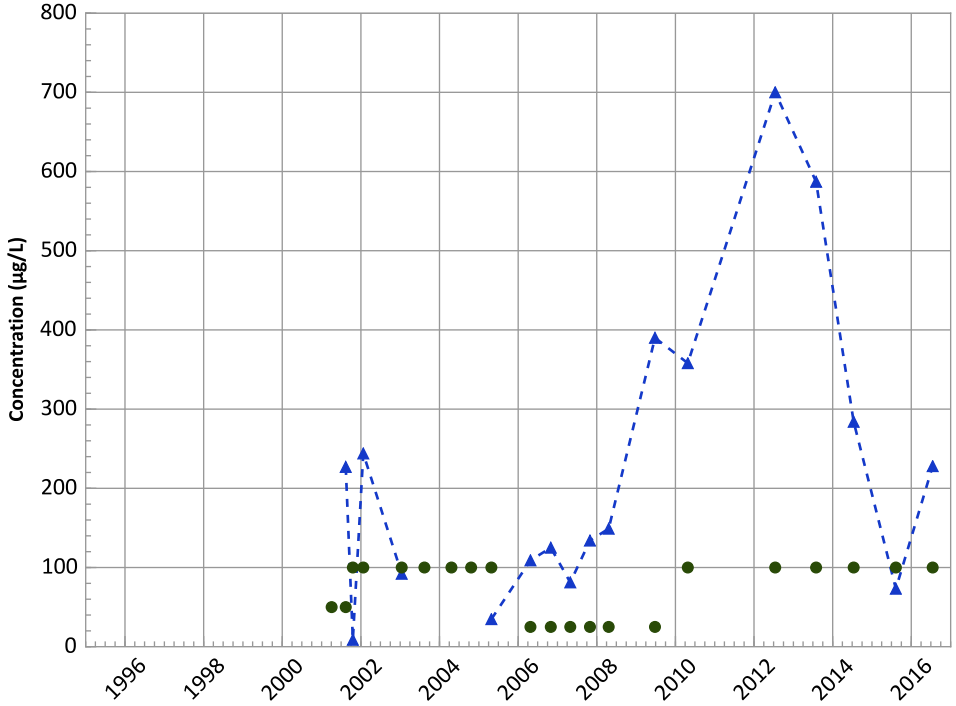


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Iron Trend



Concentration Trend

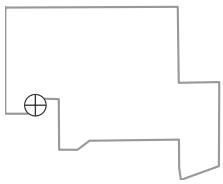
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

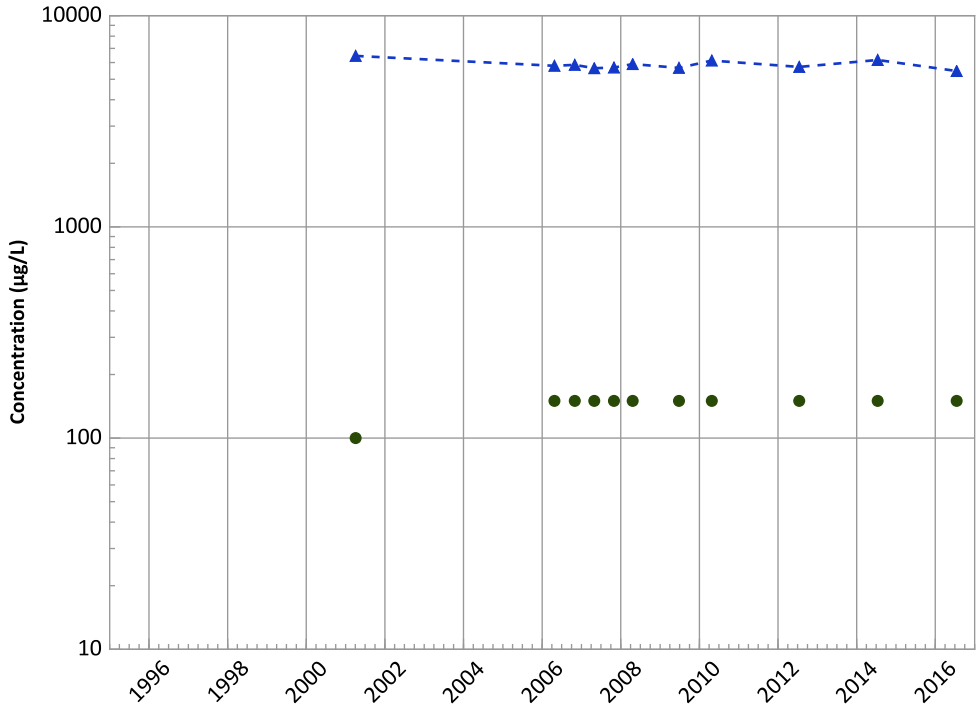
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

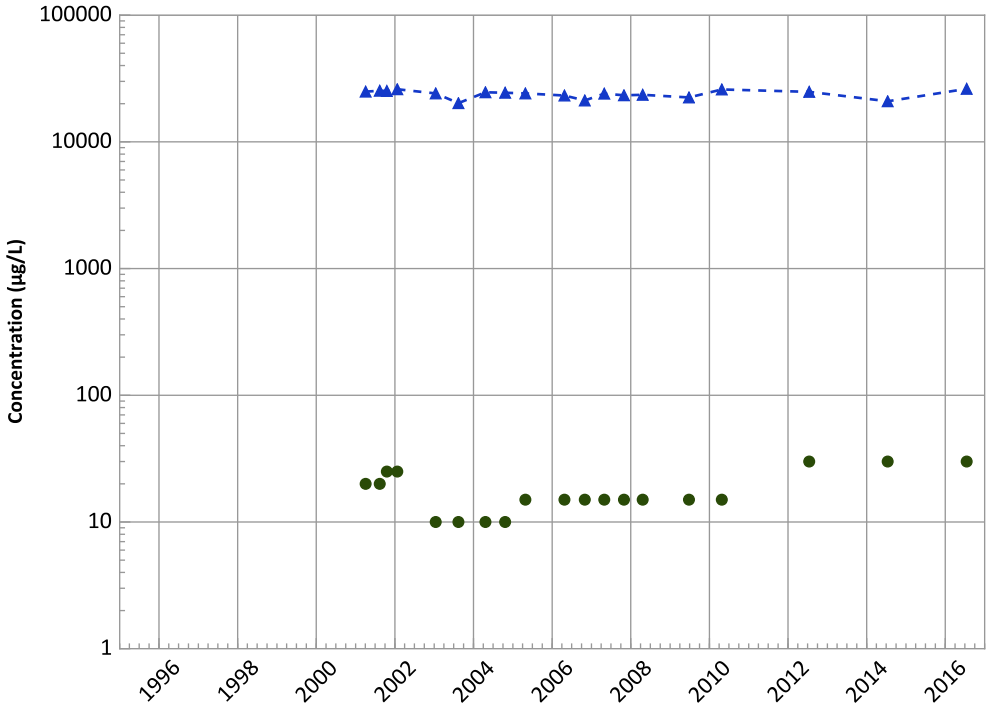


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Decreasing

Magnesium Trend



Concentration Trend

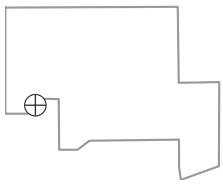
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

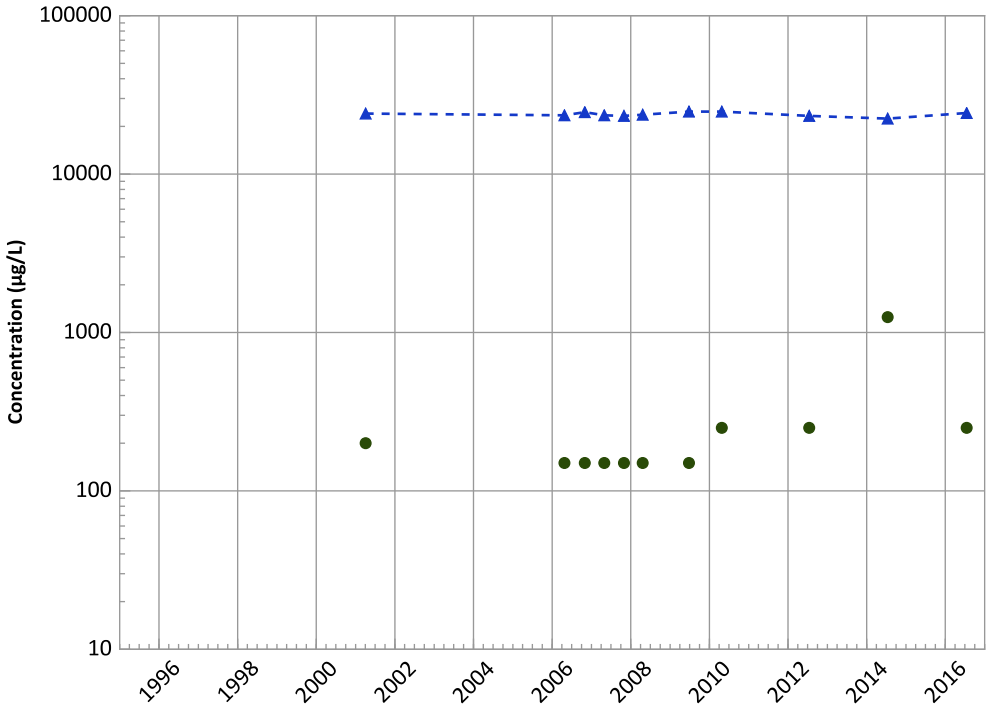
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend

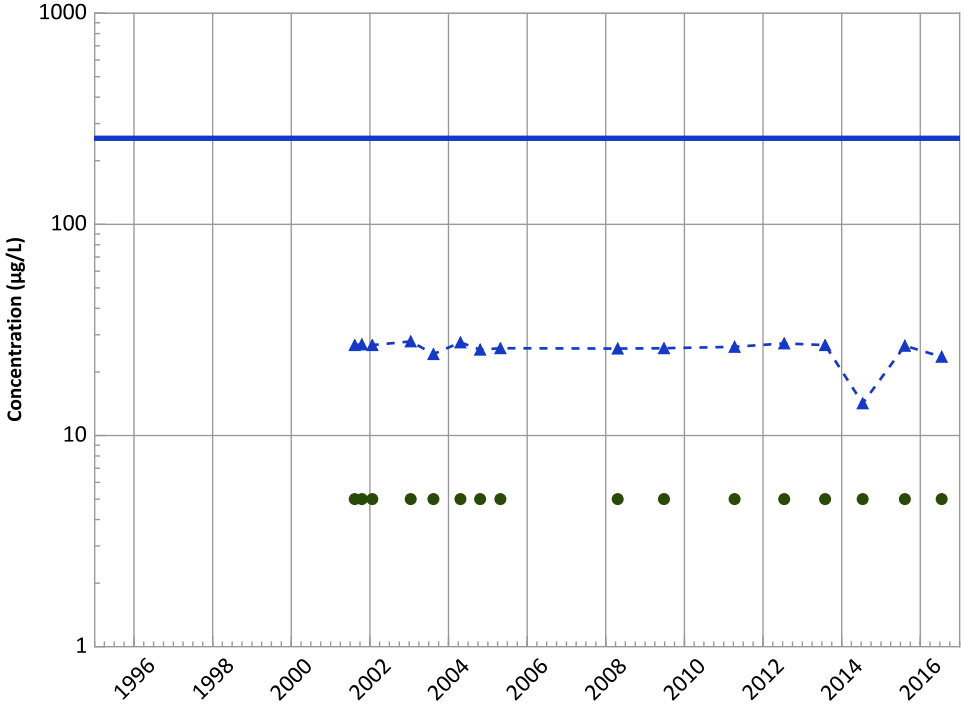


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Vanadium Trend



Concentration Trend

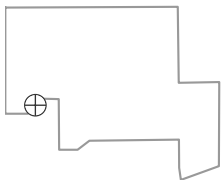
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

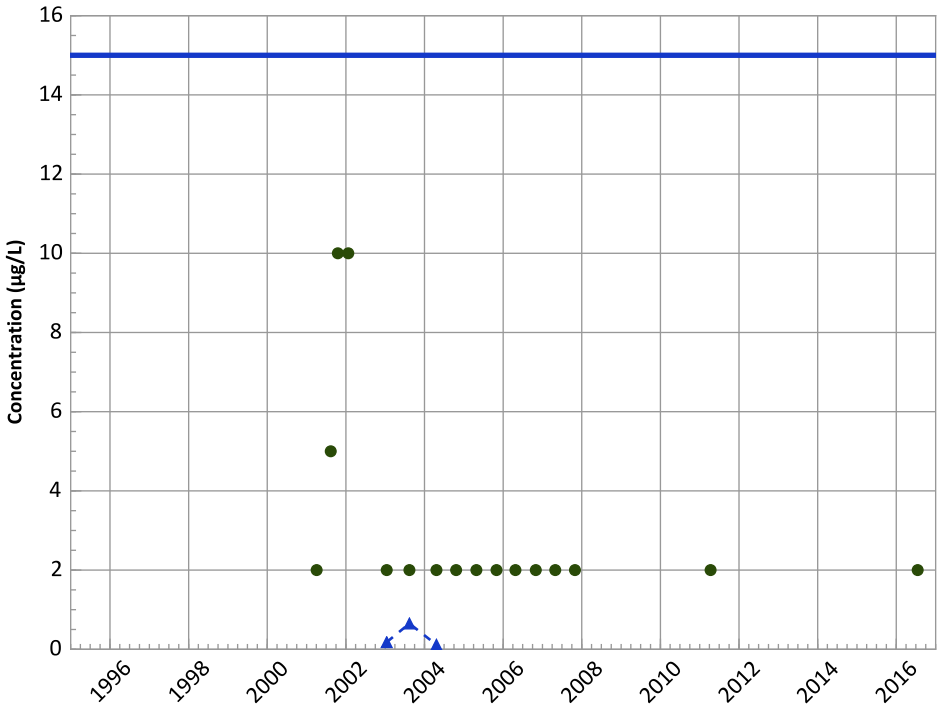
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Lead Trend

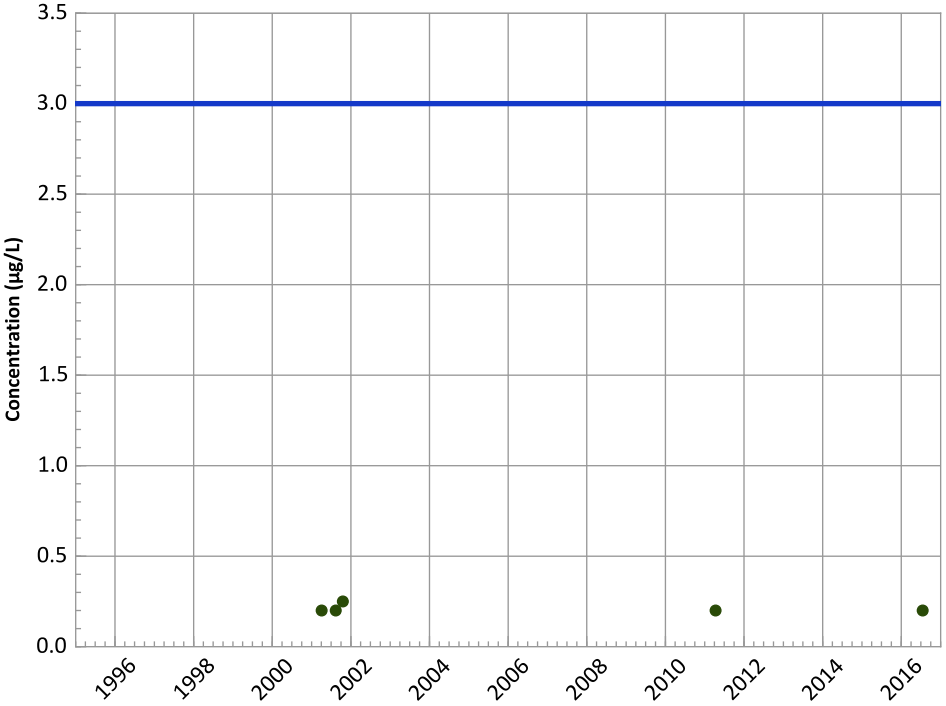


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Mercury Trend



Concentration Trend

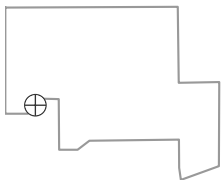
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

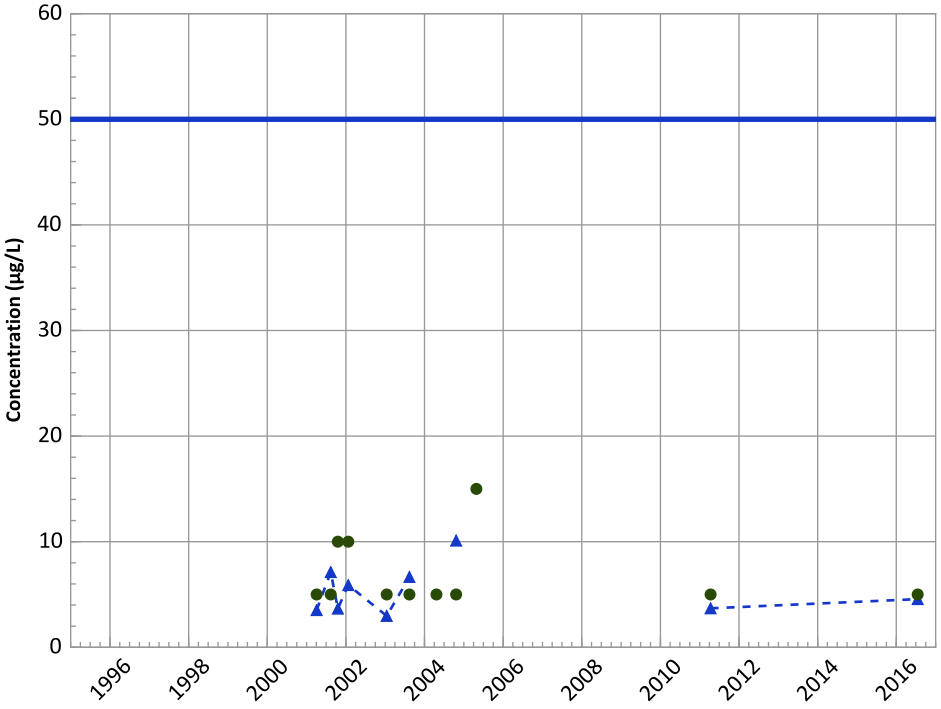
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Selenium Trend

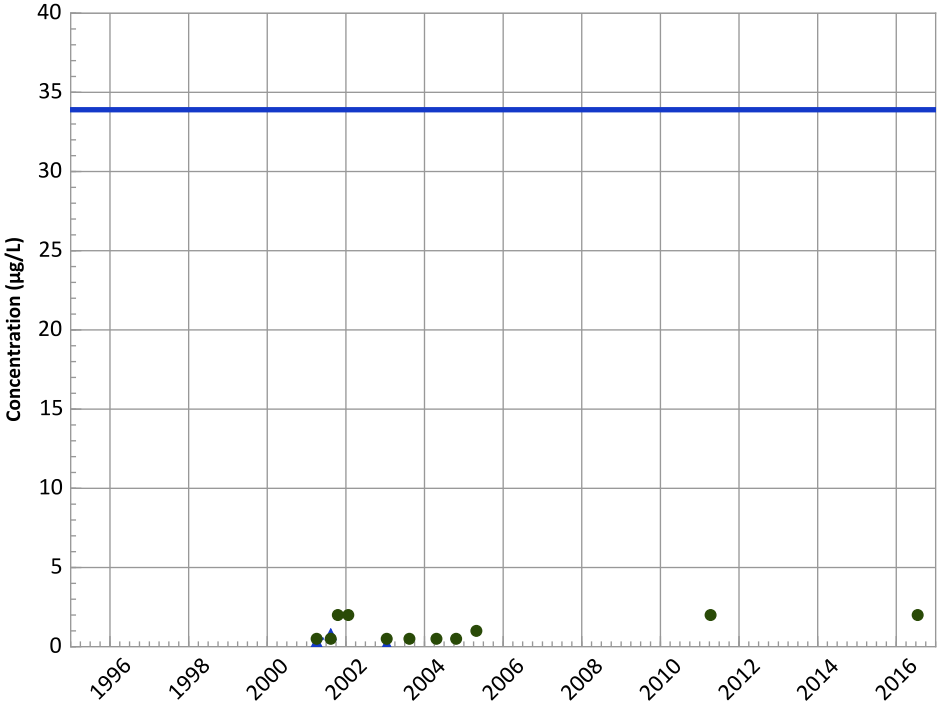


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Thallium Trend



Concentration Trend

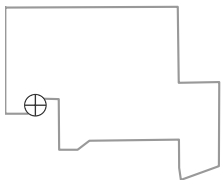
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

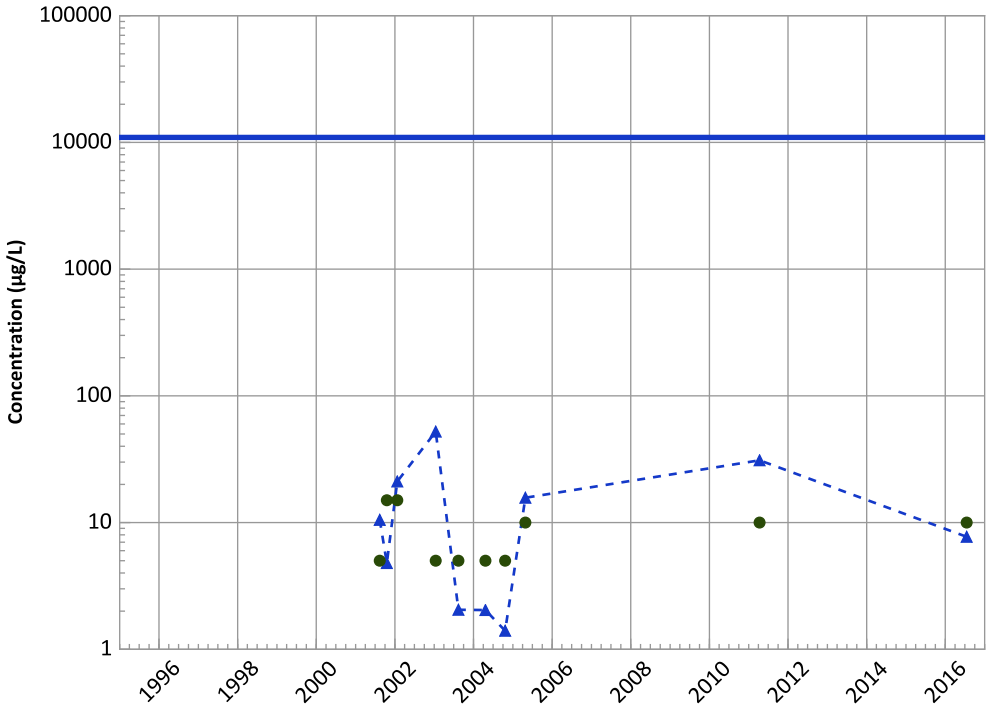
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Zinc Trend

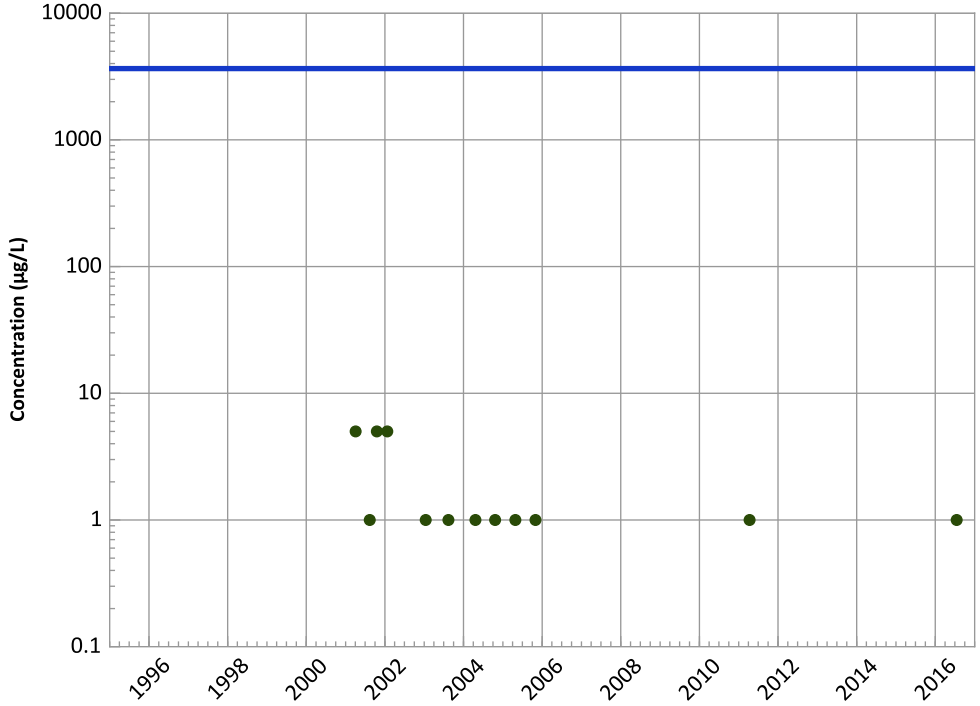


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

1,1-Dichloroethane Trend



Concentration Trend

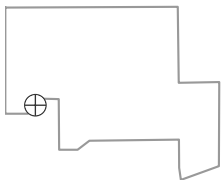
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



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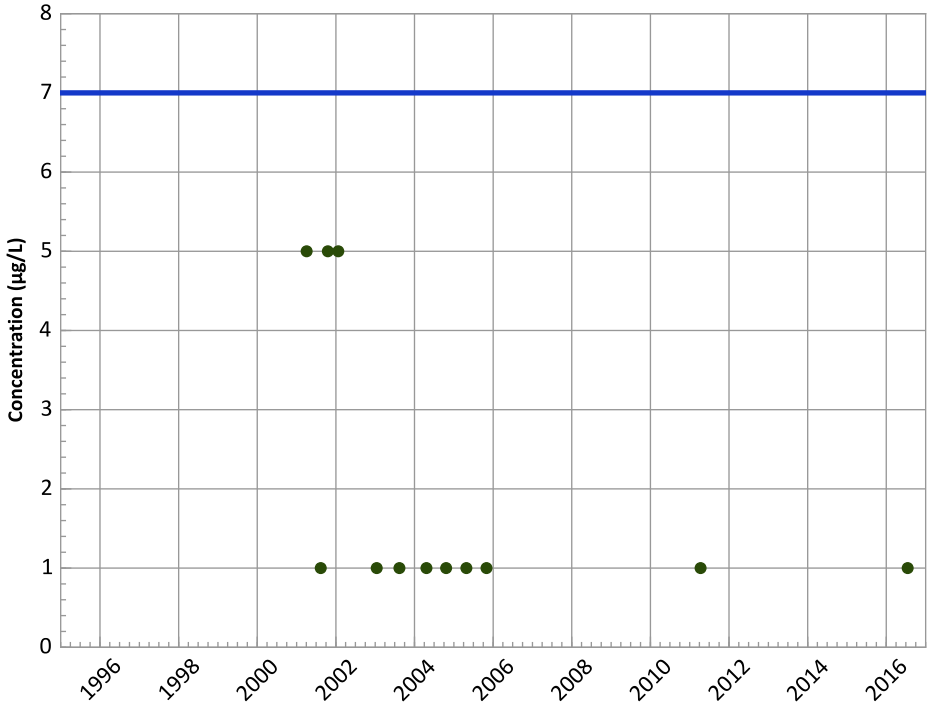
USDOE/NNSA Pantex Plant

1,1-Dichloroethene Trend

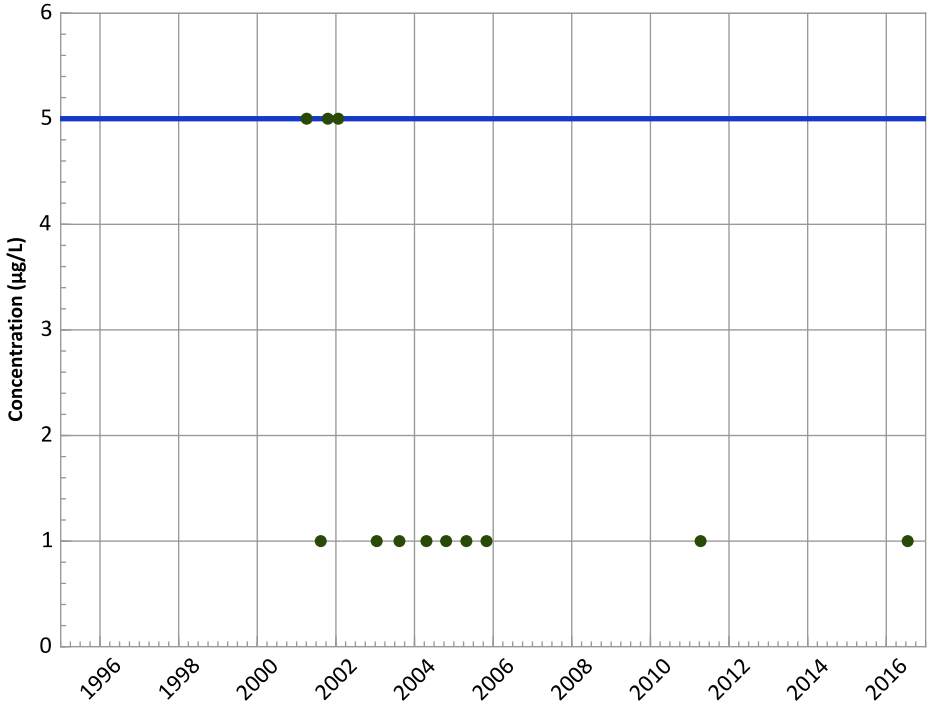


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1,2,2-Tetrachloroethane Trend



Concentration Trend

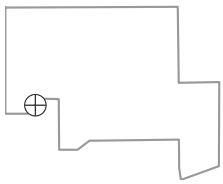
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

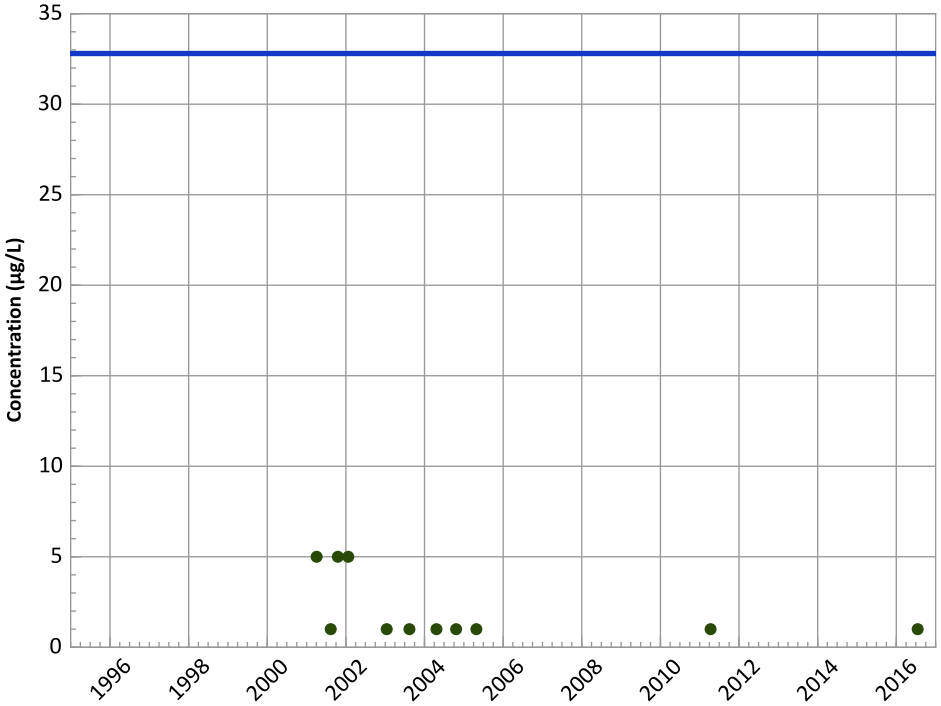
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1,1,2-Tetrachloroethane Trend

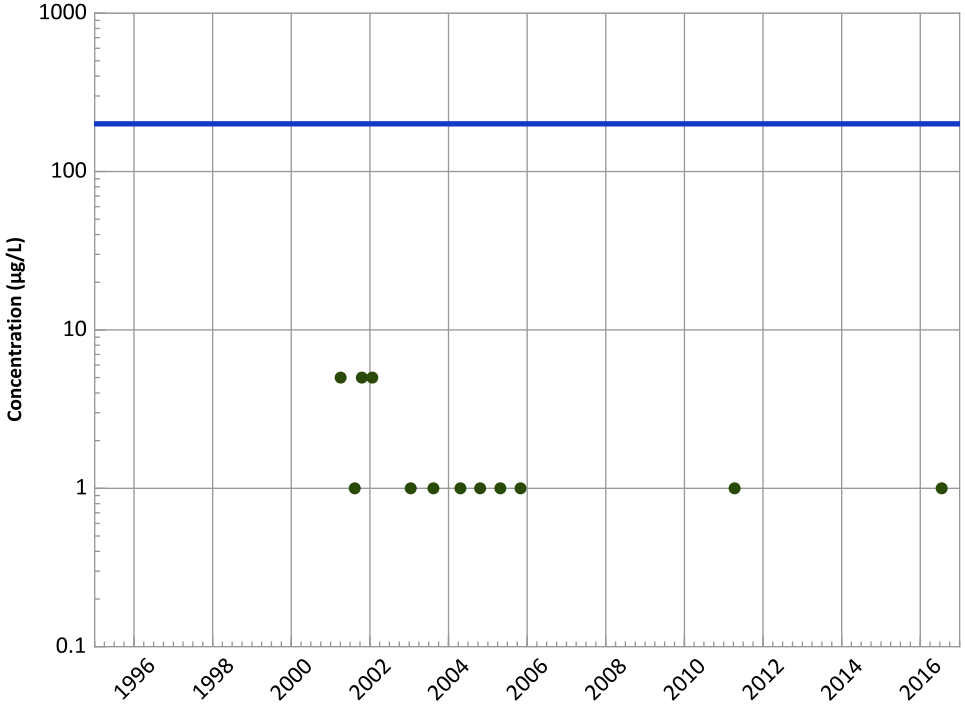


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1,1-Trichloroethane Trend



Concentration Trend

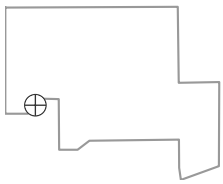
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

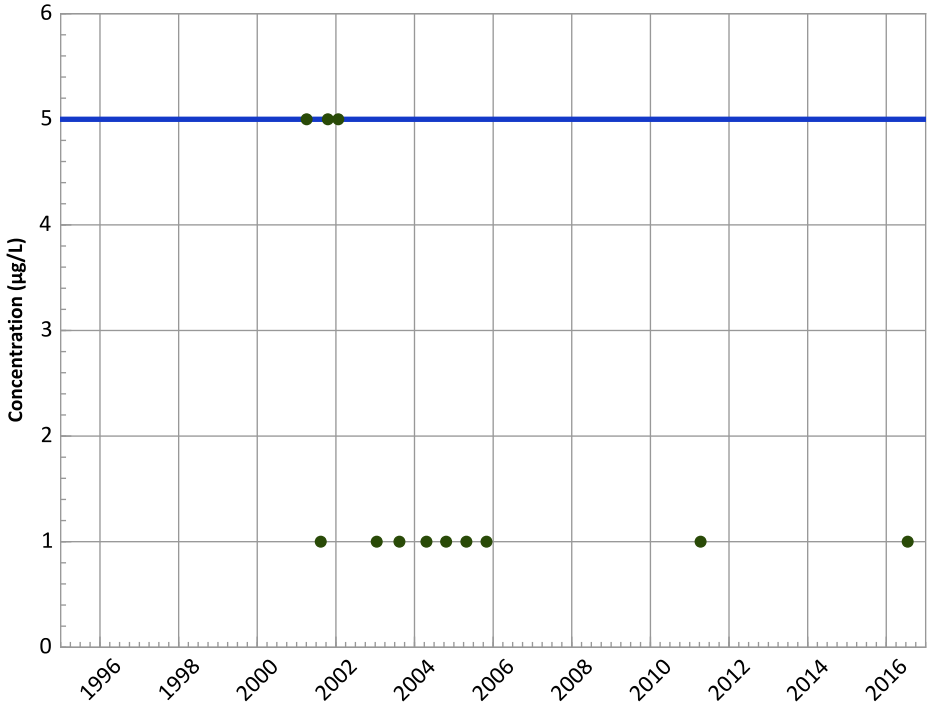
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1,2-Trichloroethane Trend

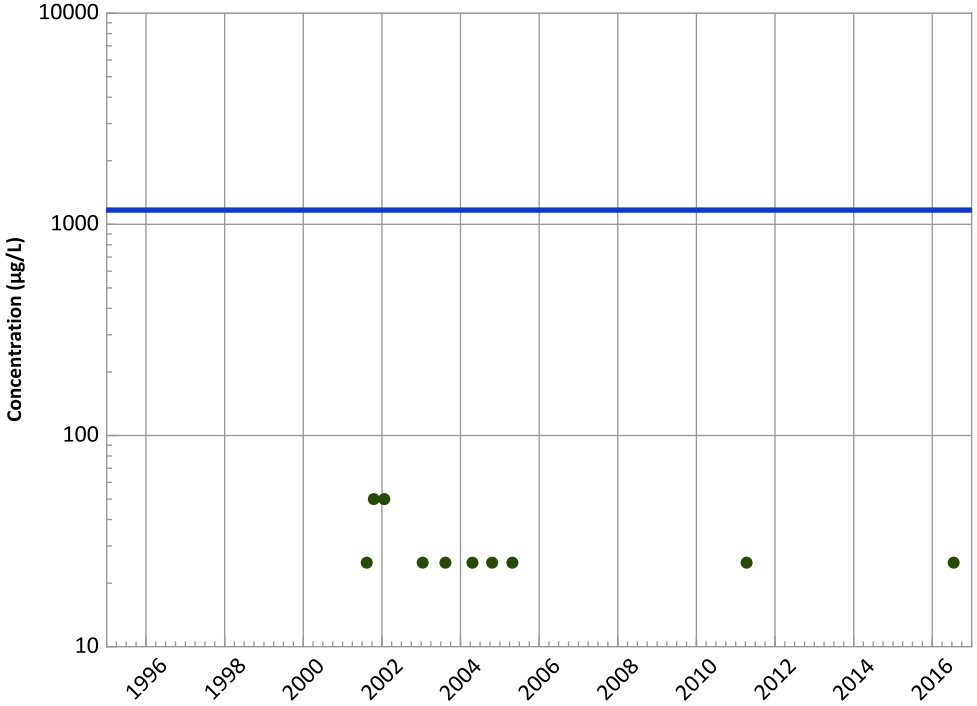


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Acetonitrile Trend



Concentration Trend

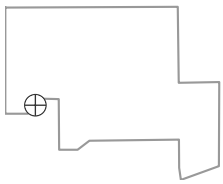
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

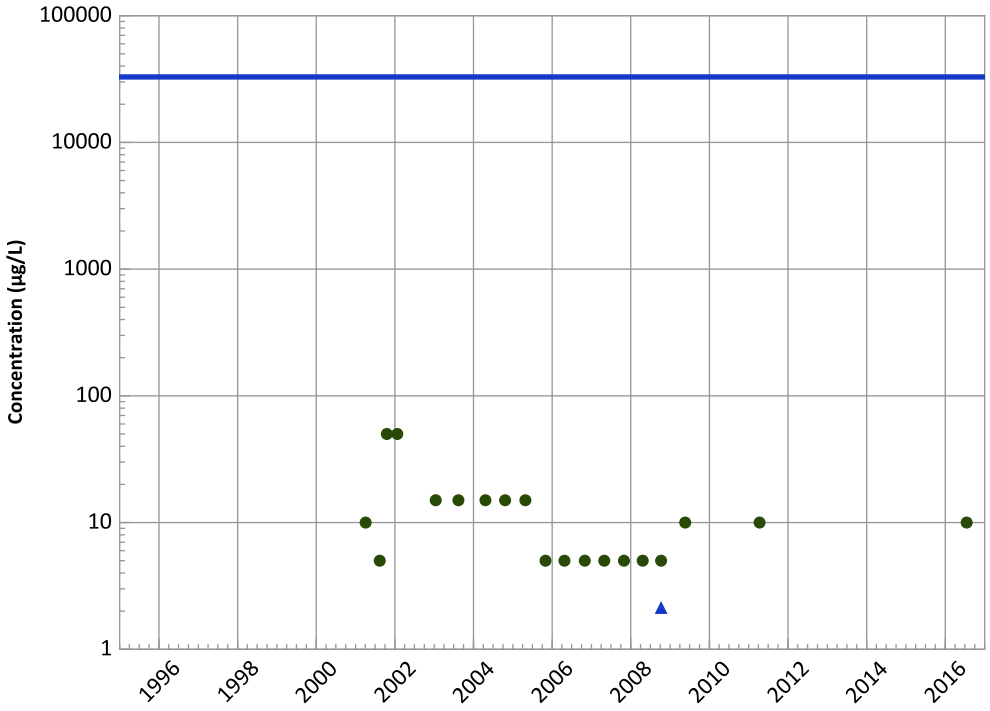
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Acetone Trend

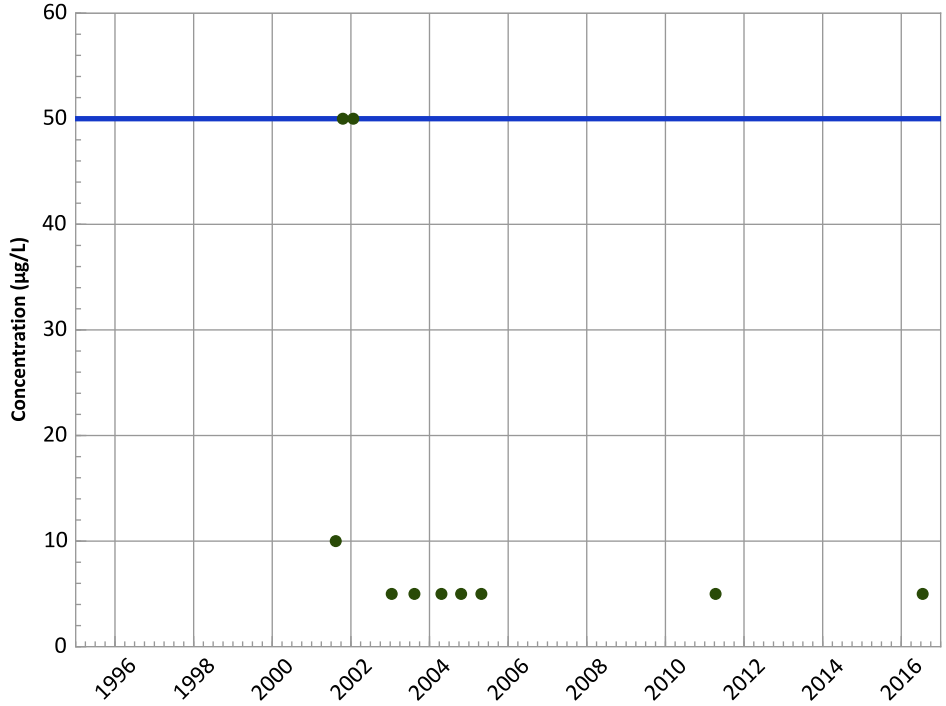


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Acrolein Trend



Concentration Trend

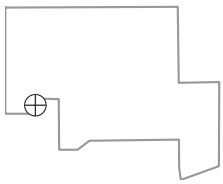
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

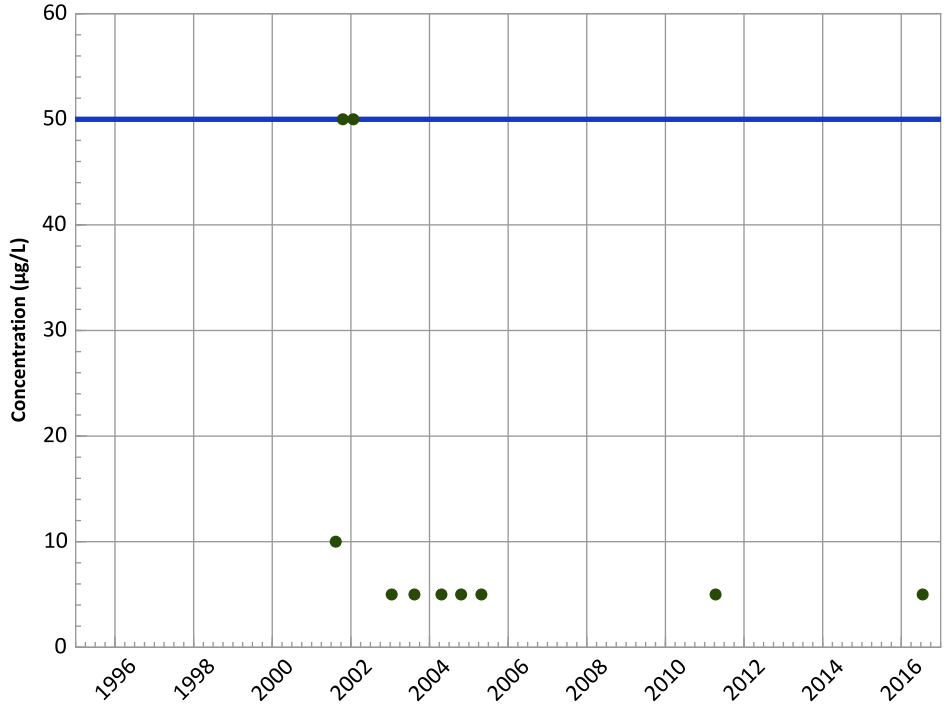
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Acrylonitrile Trend

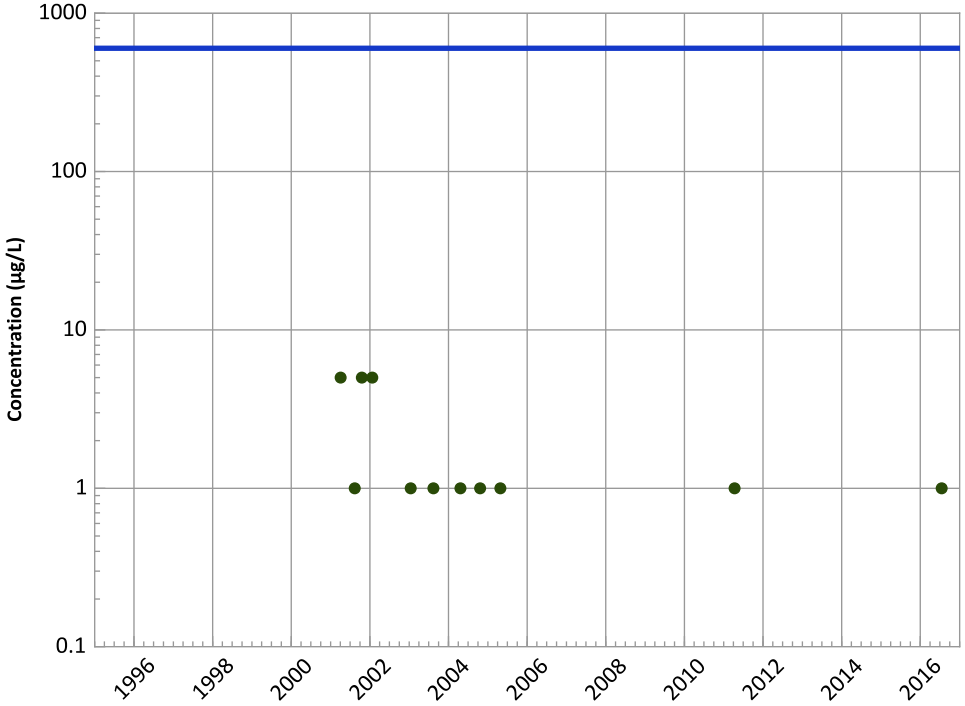


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,2-Dichlorobenzene Trend



Concentration Trend

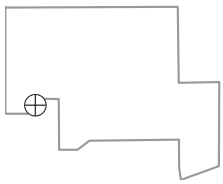
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

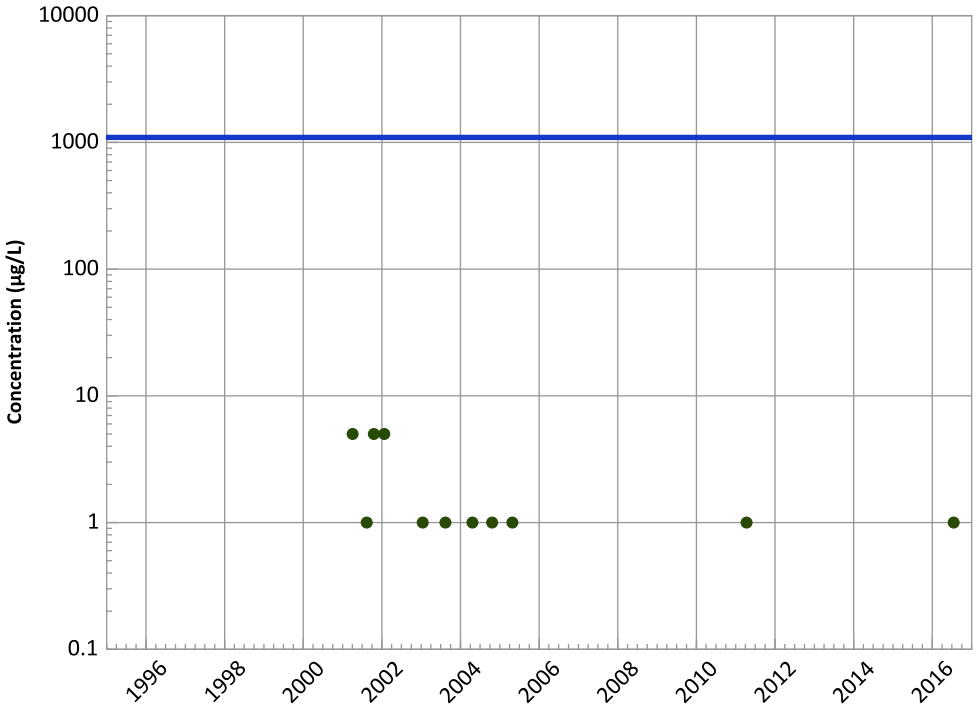
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dichlorobenzene Trend

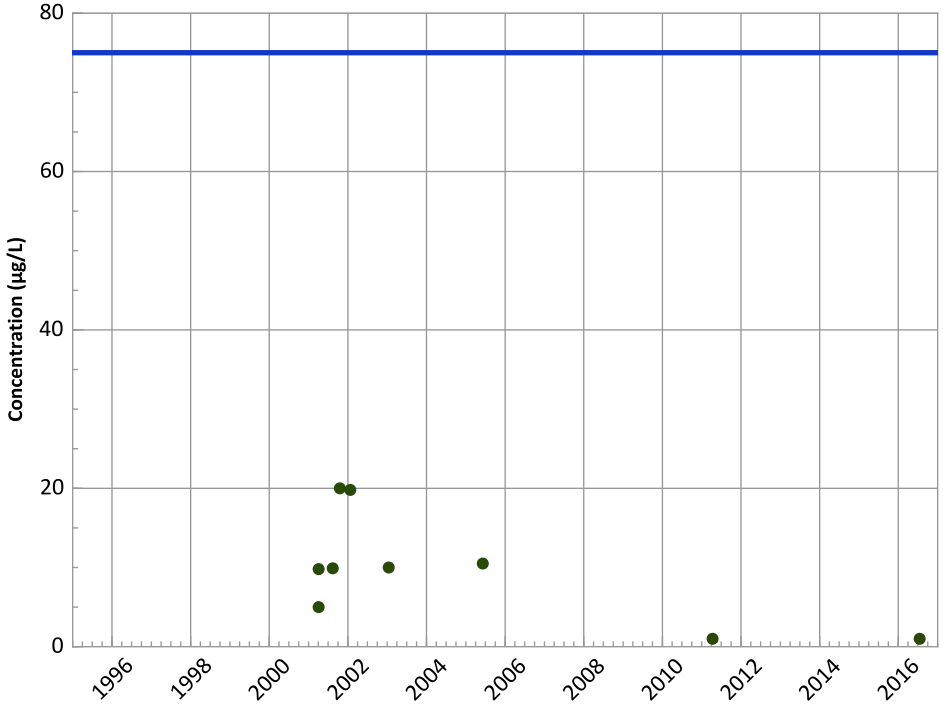


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,4-Dichlorobenzene Trend



Concentration Trend

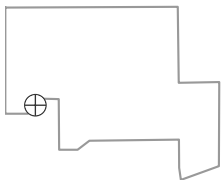
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

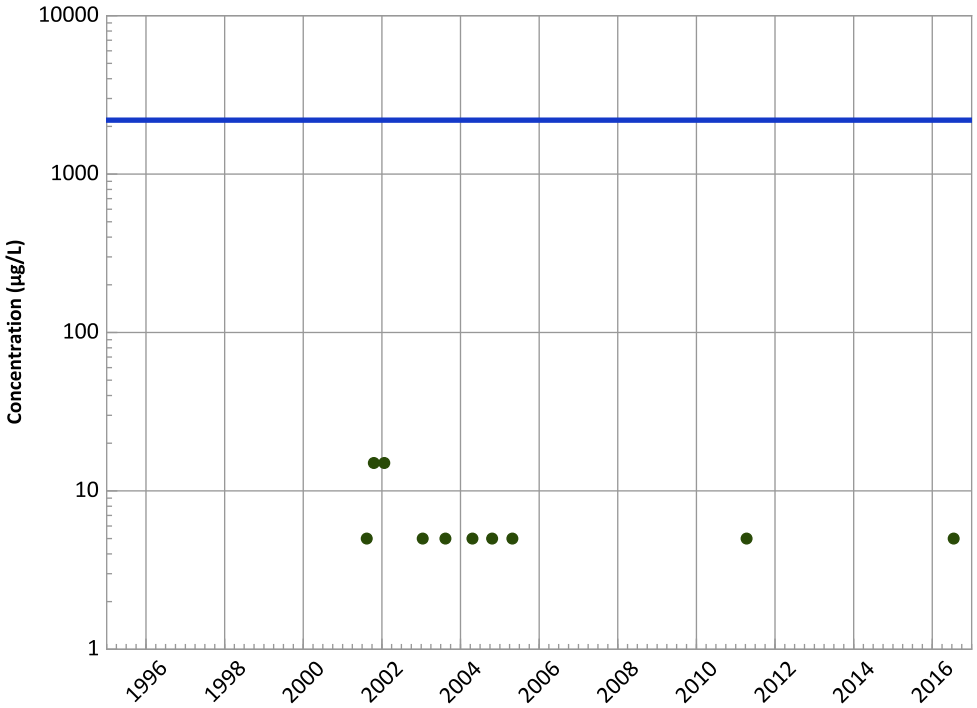
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2-Hexanone Trend

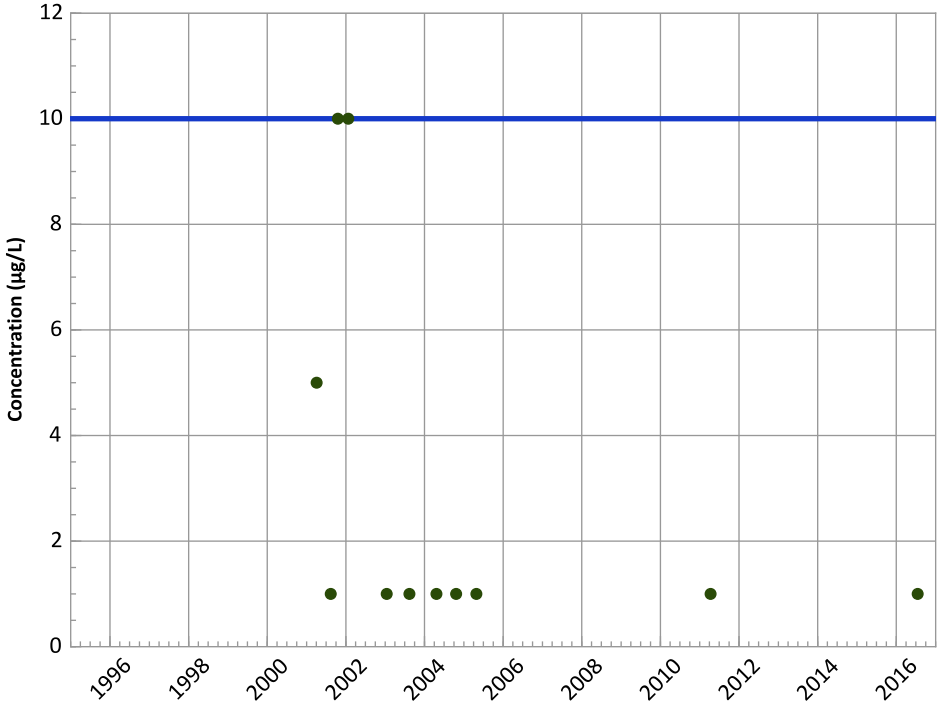


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,2,3-Trichloropropane Trend



Concentration Trend

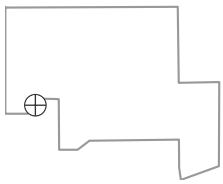
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

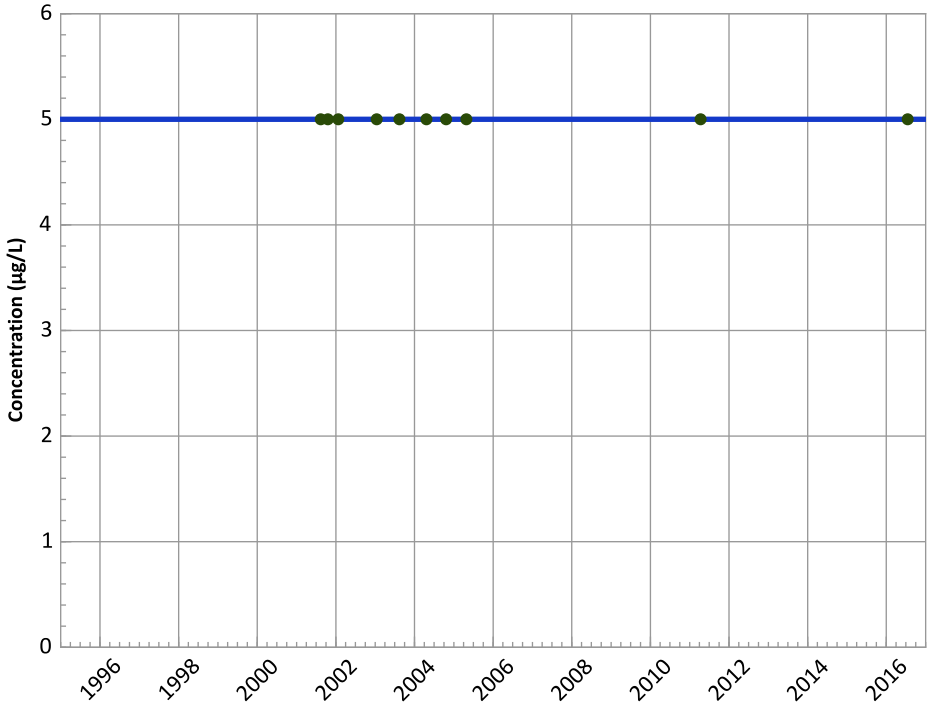
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Allyl Chloride Trend

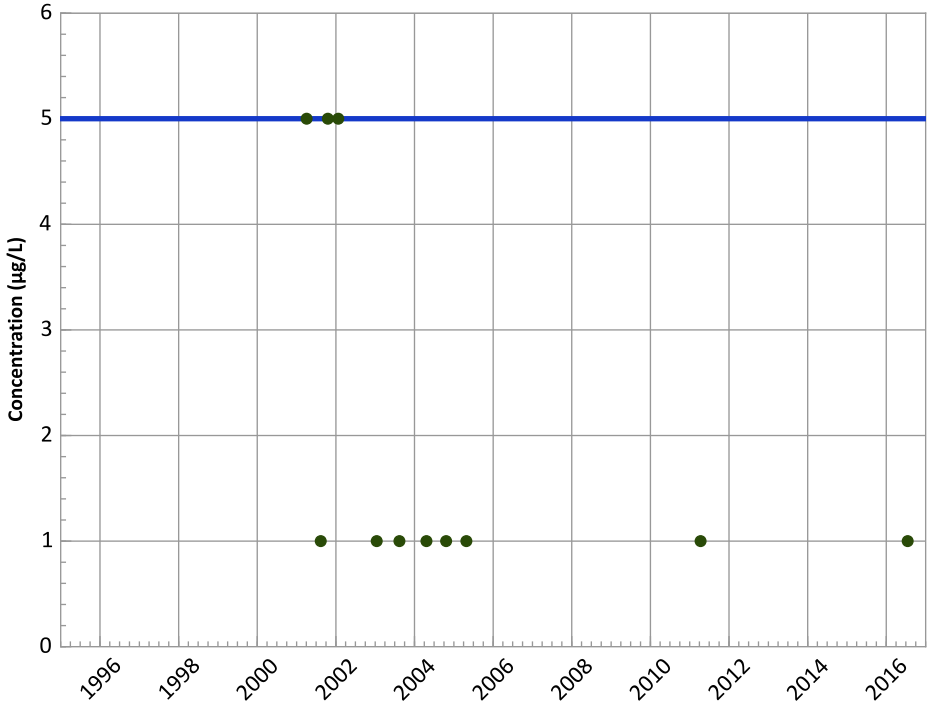


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Benzene Trend



Concentration Trend

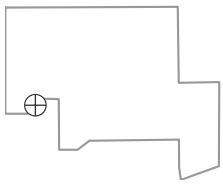
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

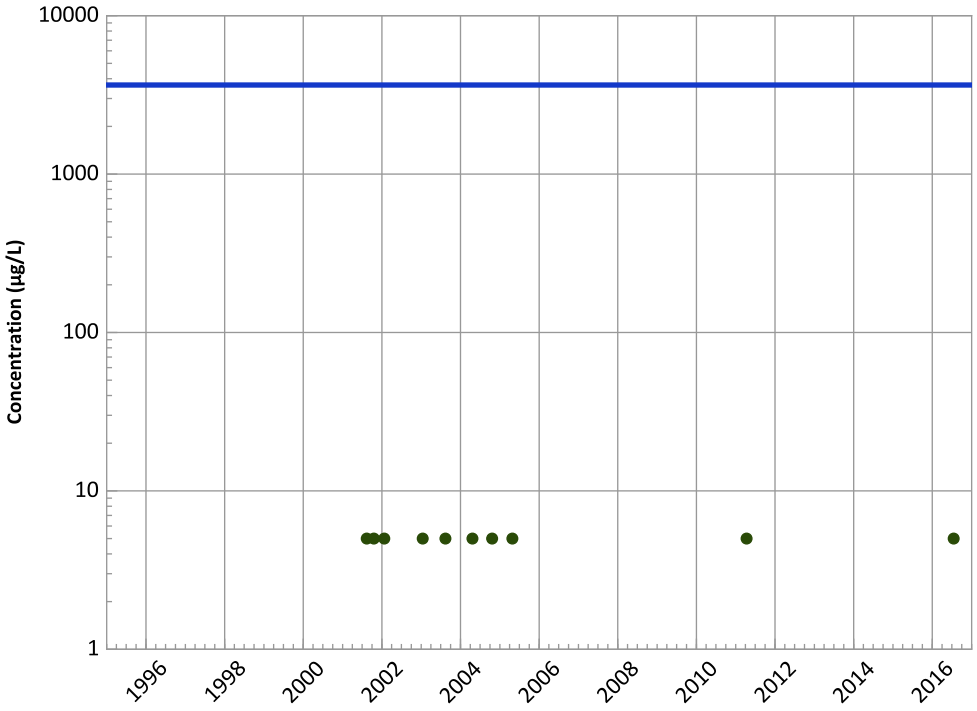
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Carbon Disulfide Trend

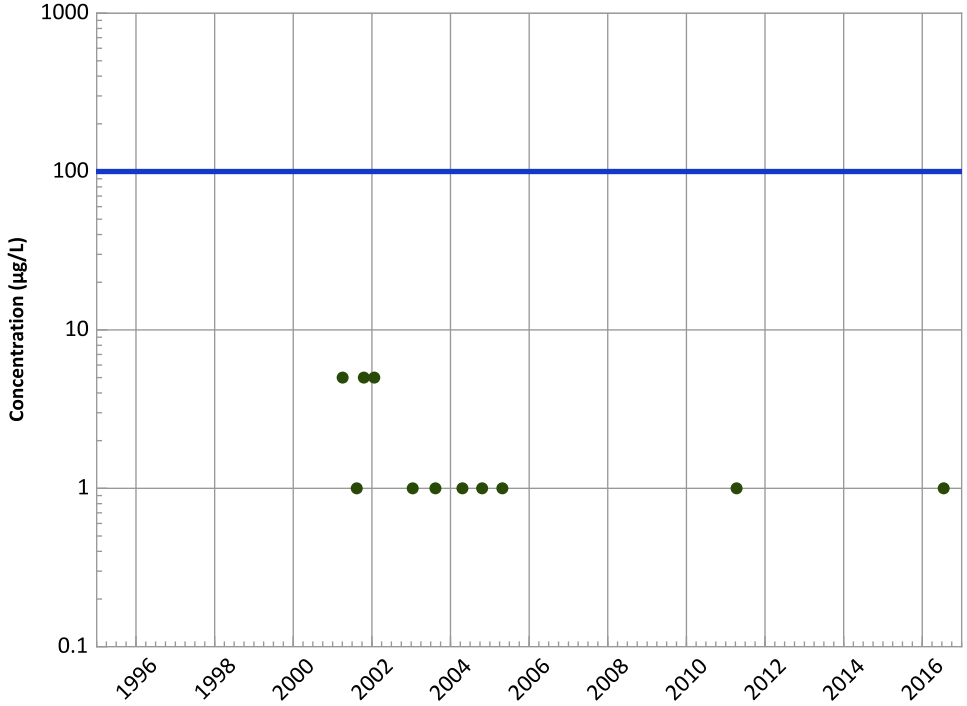


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Chlorobenzene Trend



Concentration Trend

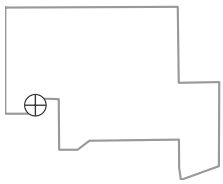
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

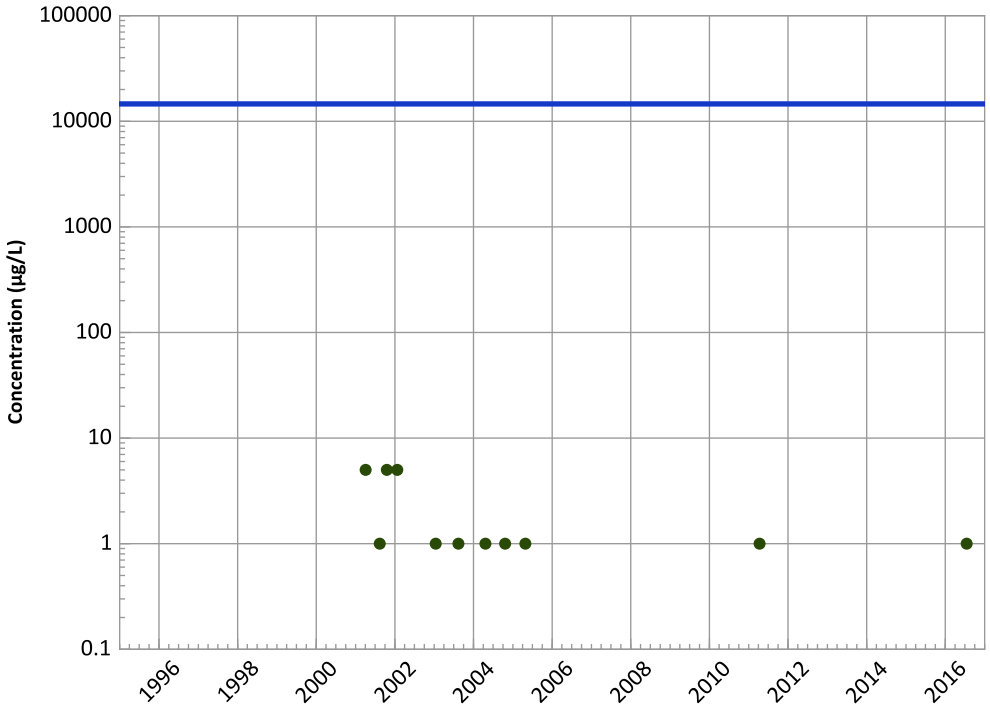
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroethane Trend

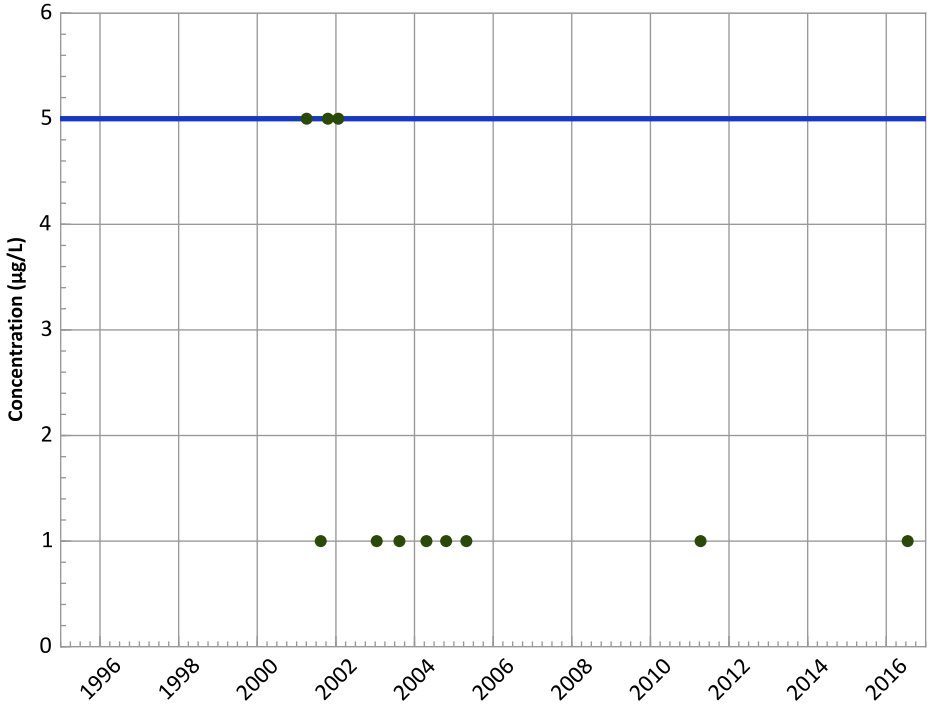


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Carbon Tetrachloride Trend



Concentration Trend

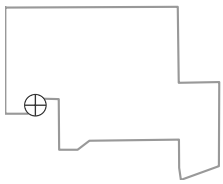
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

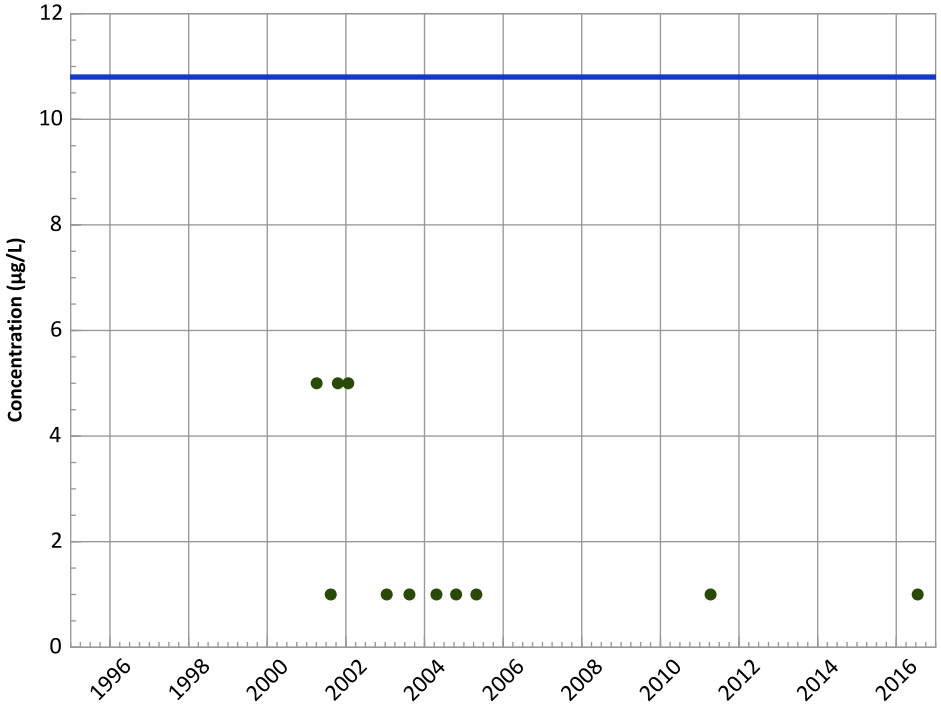
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Bromoform Trend

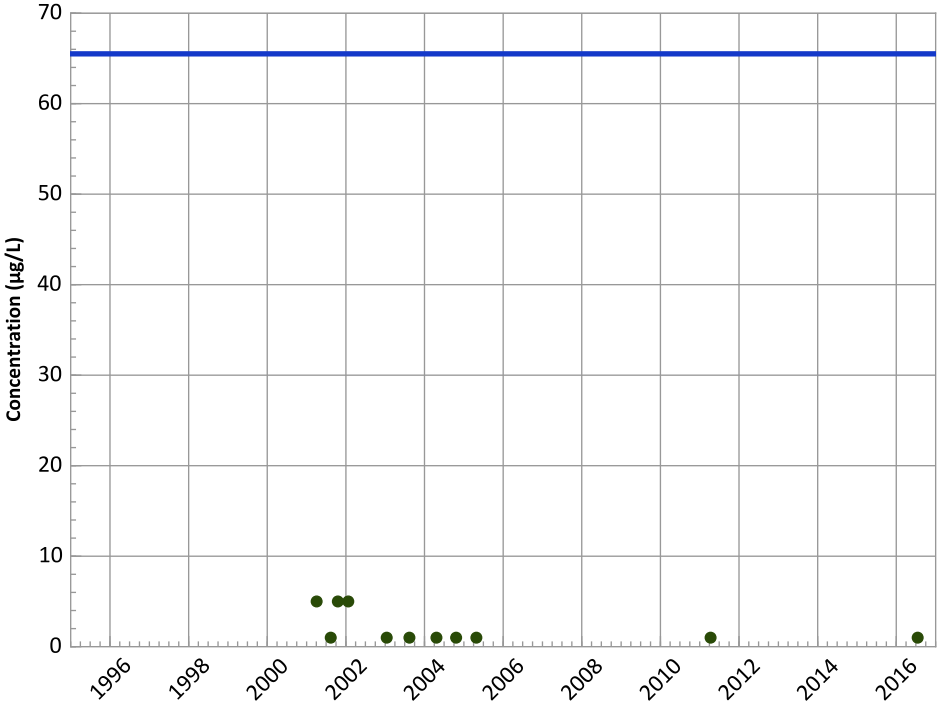


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Chloromethane Trend



Concentration Trend

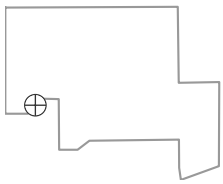
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

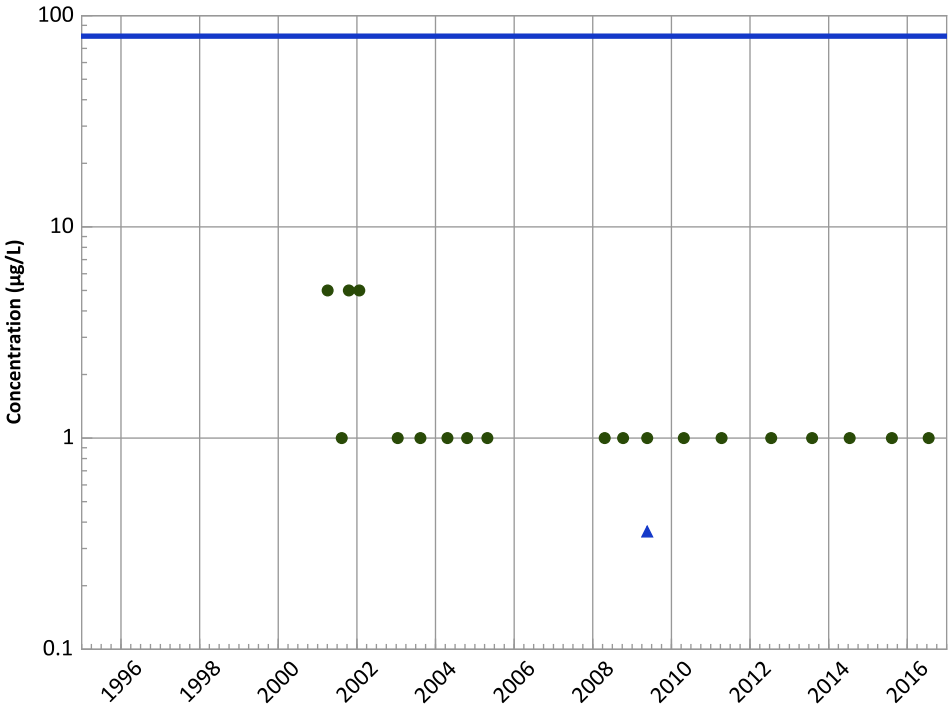
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

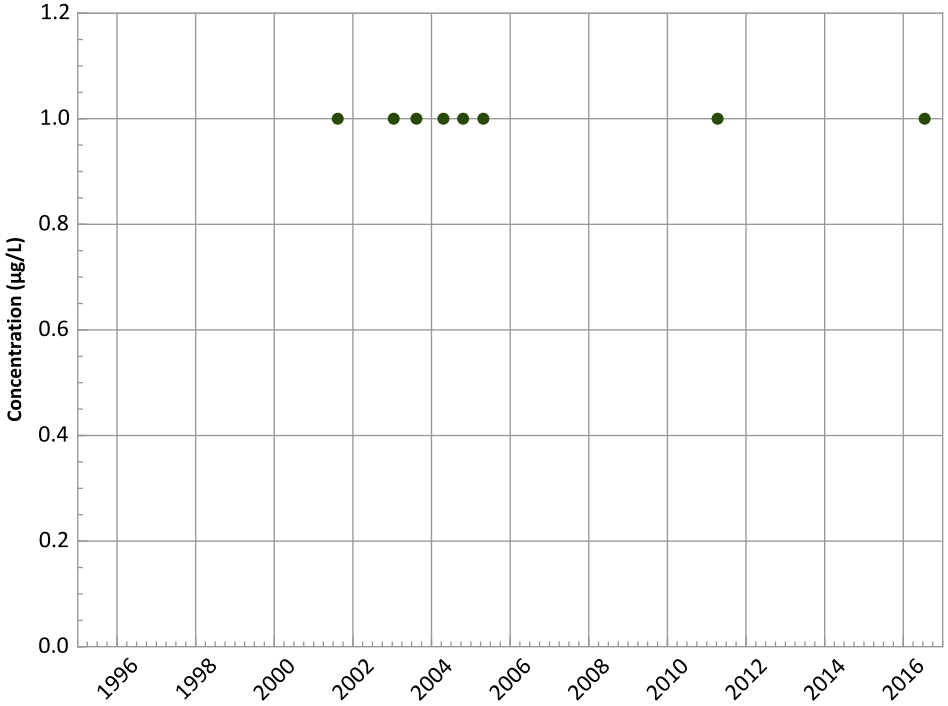


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

2-Chloro-1,3-Butadiene Trend



Concentration Trend

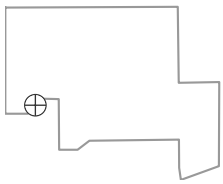
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

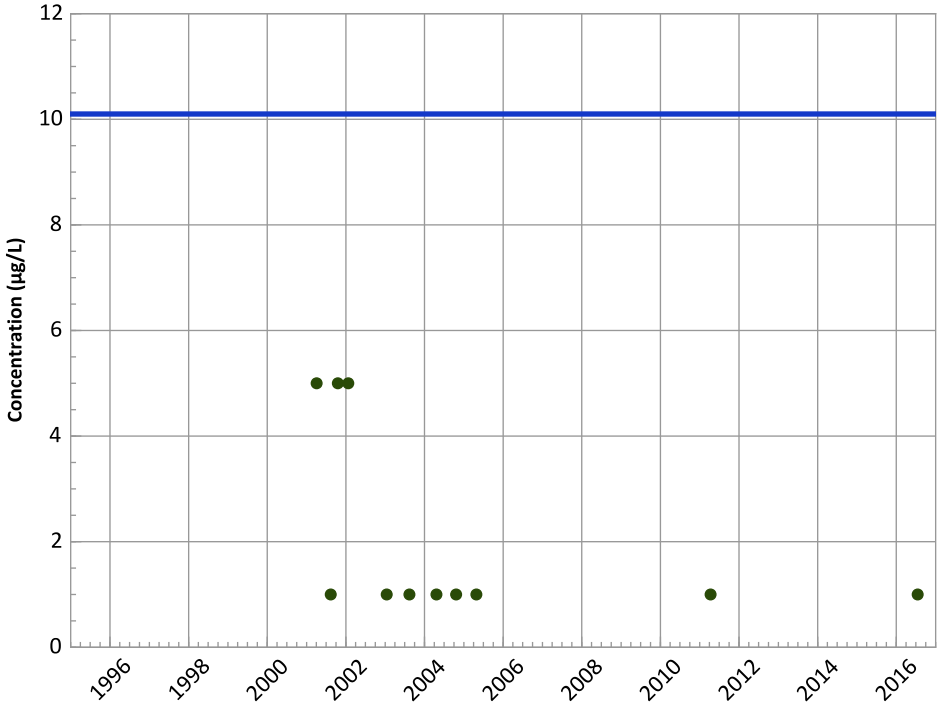
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Dibromochloromethane Trend

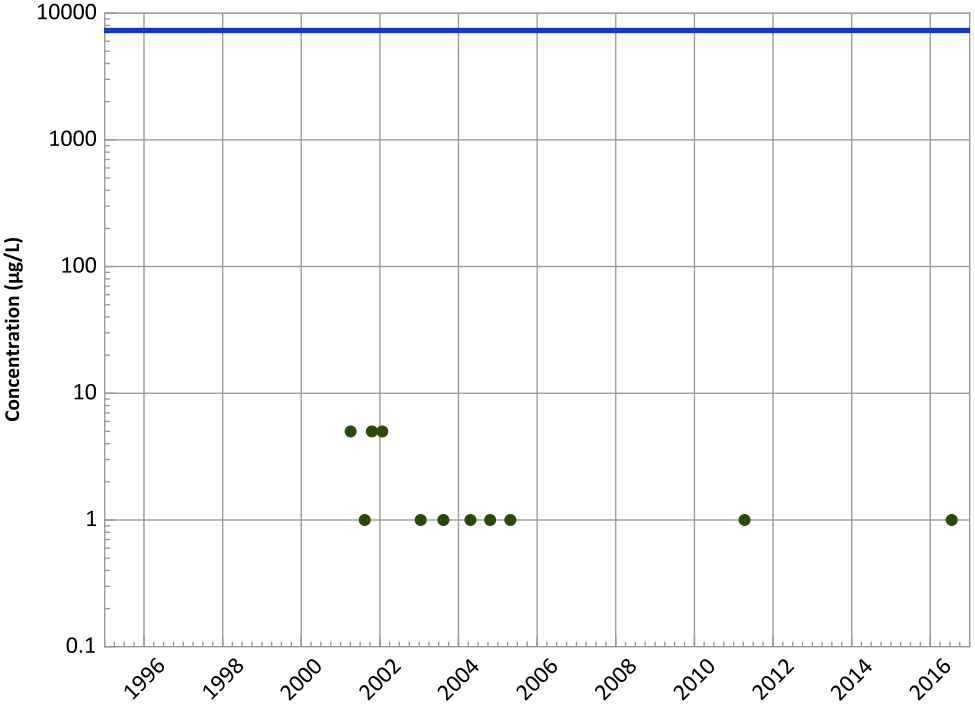


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Dichlorodifluoromethane Trend



Concentration Trend

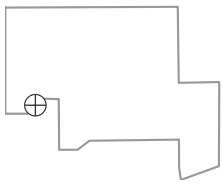
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

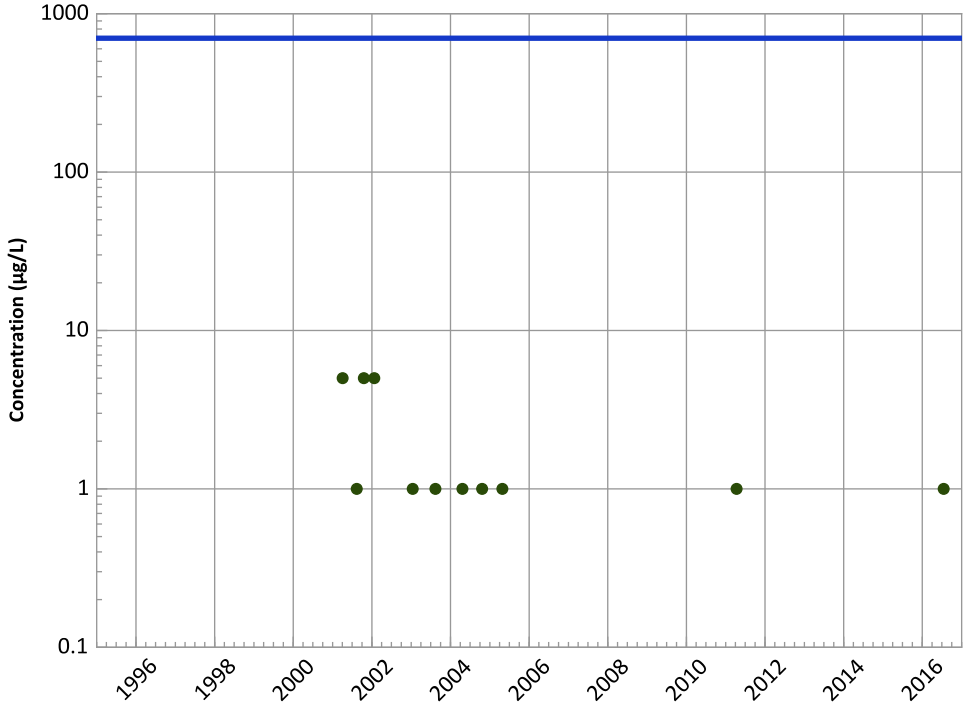
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Ethylbenzene Trend

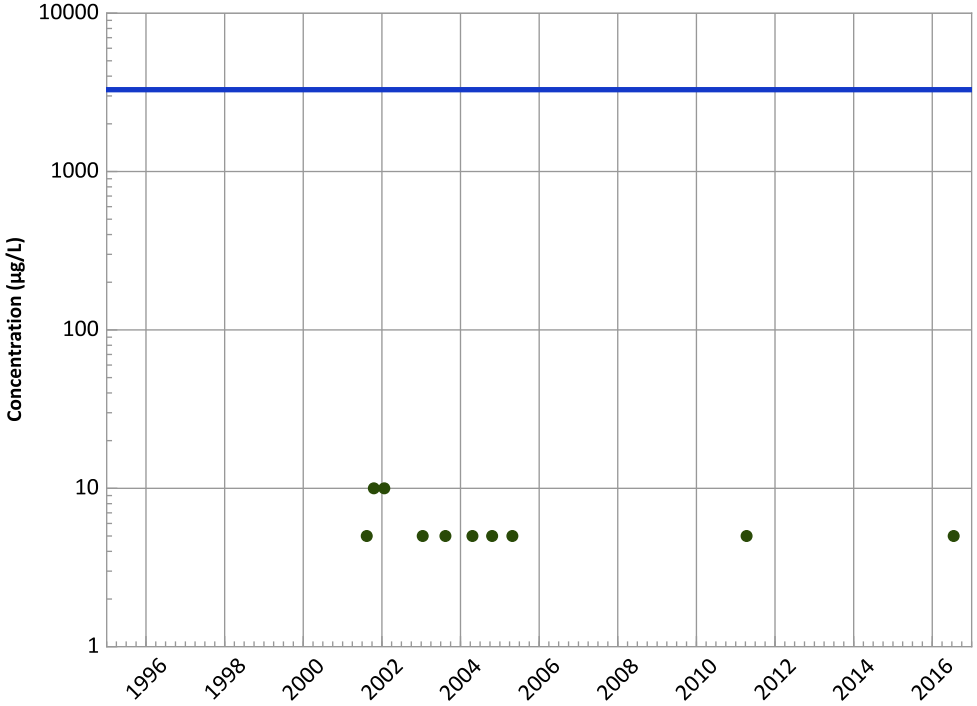


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Ethyl Methacrylate Trend



Concentration Trend

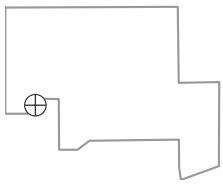
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

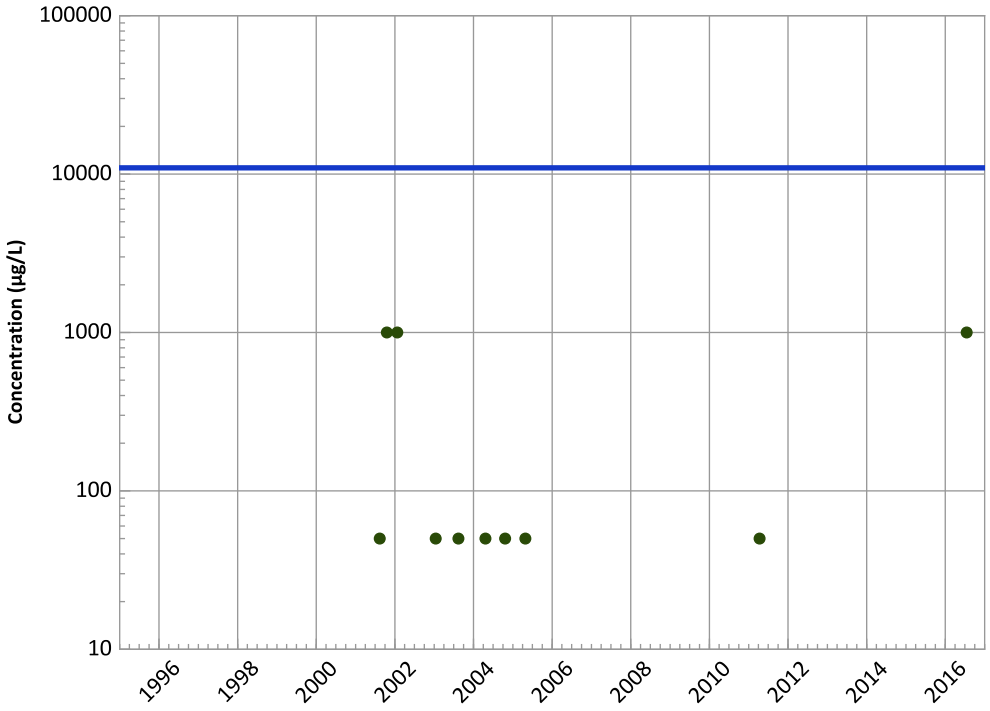
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Isobutanol Trend

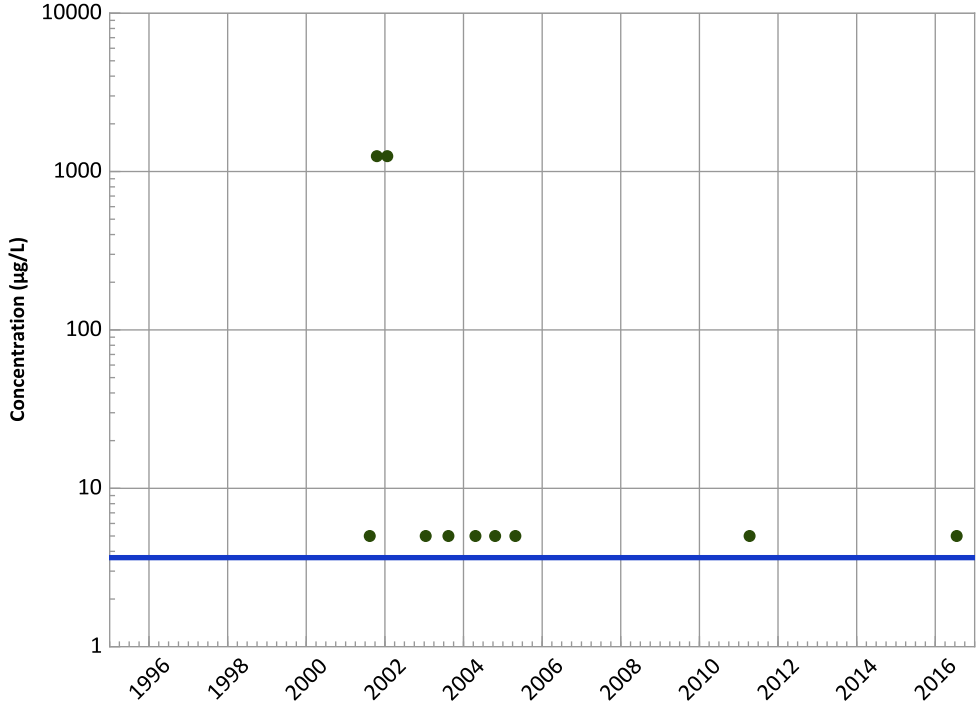


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methylacrylonitrile Trend



Concentration Trend

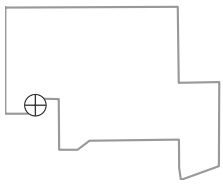
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

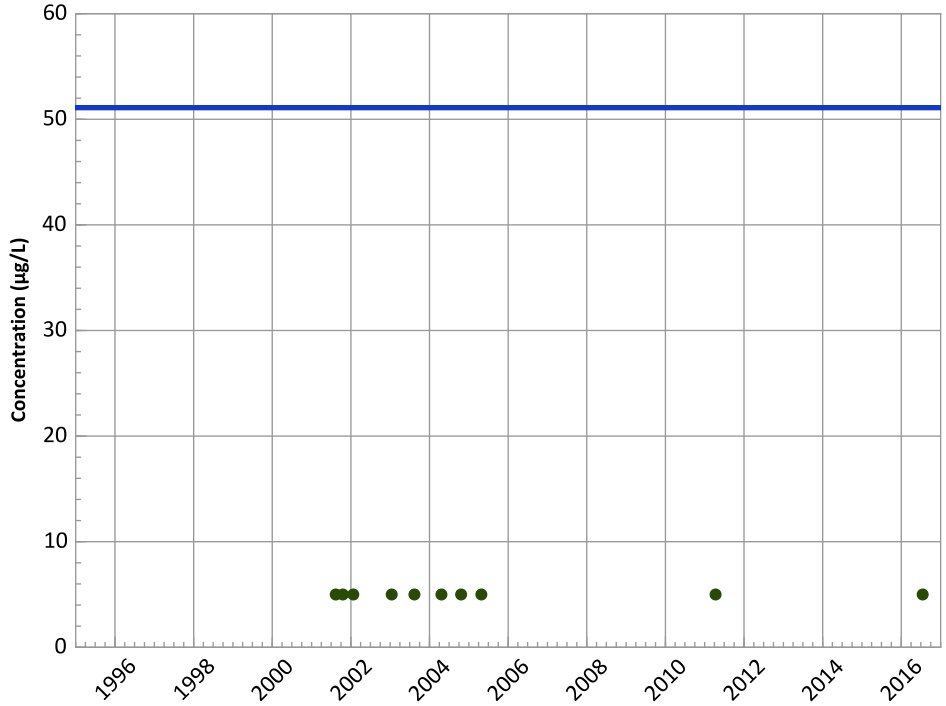
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iodomethane (Methyl Iodide) Trend

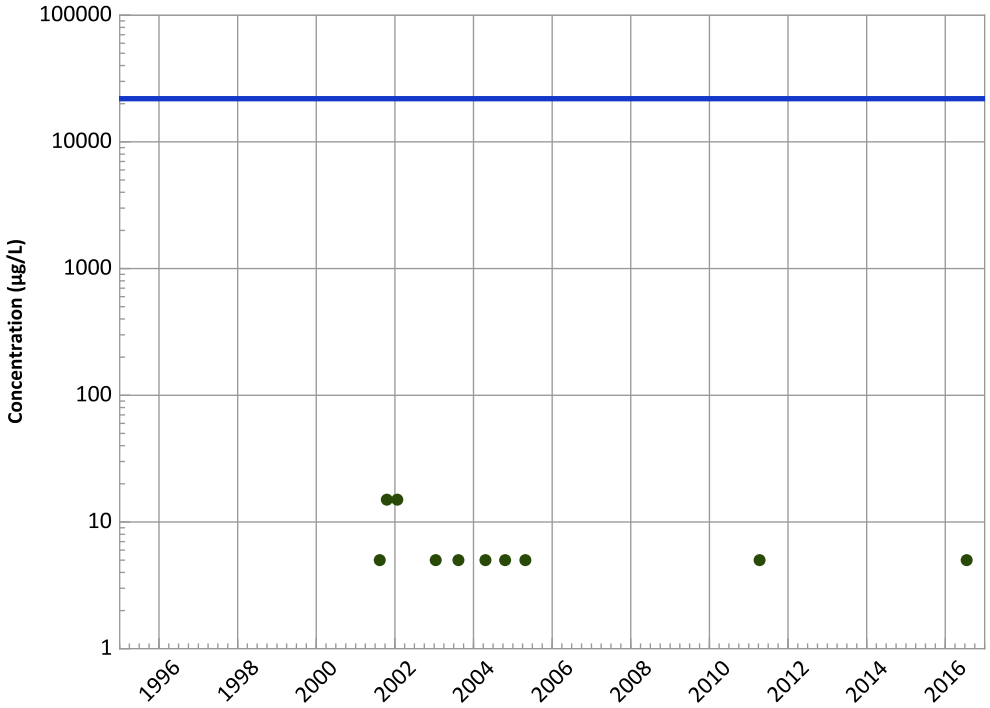


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methyl Ethyl Ketone (2-Butanone) Trend



Concentration Trend

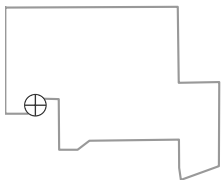
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

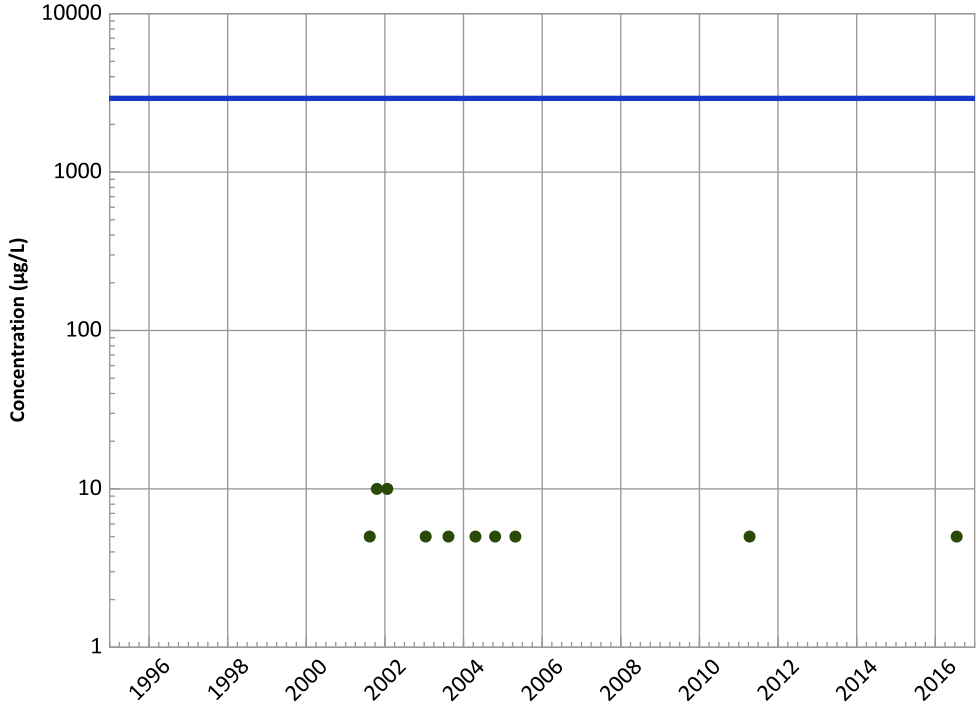
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) Trend

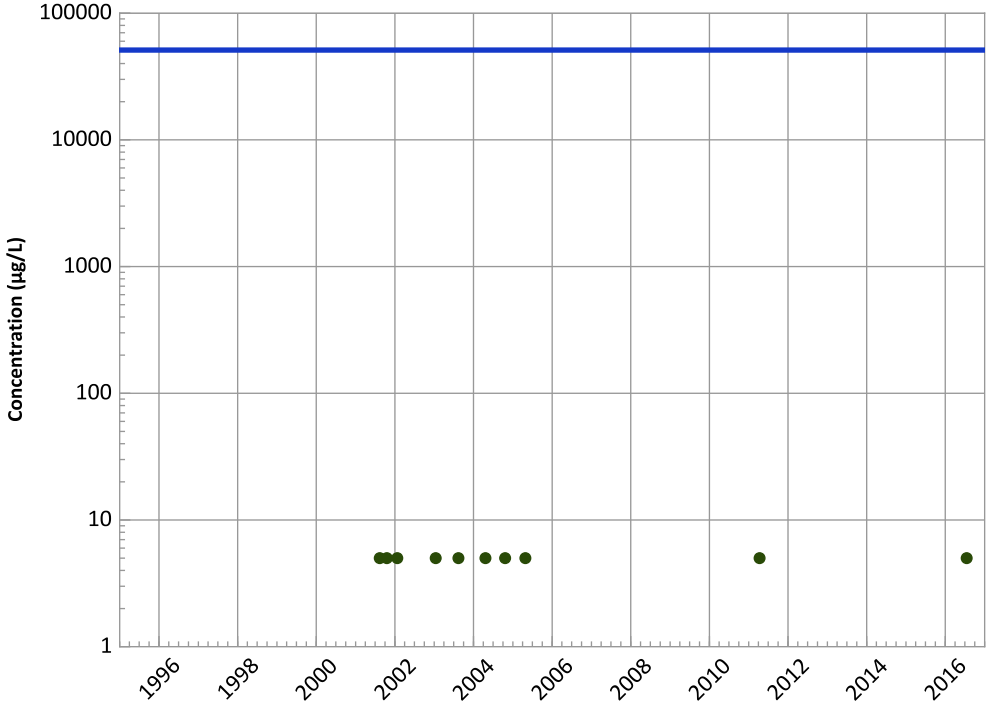


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methyl Methacrylate Trend



Concentration Trend

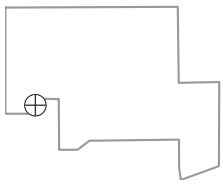
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

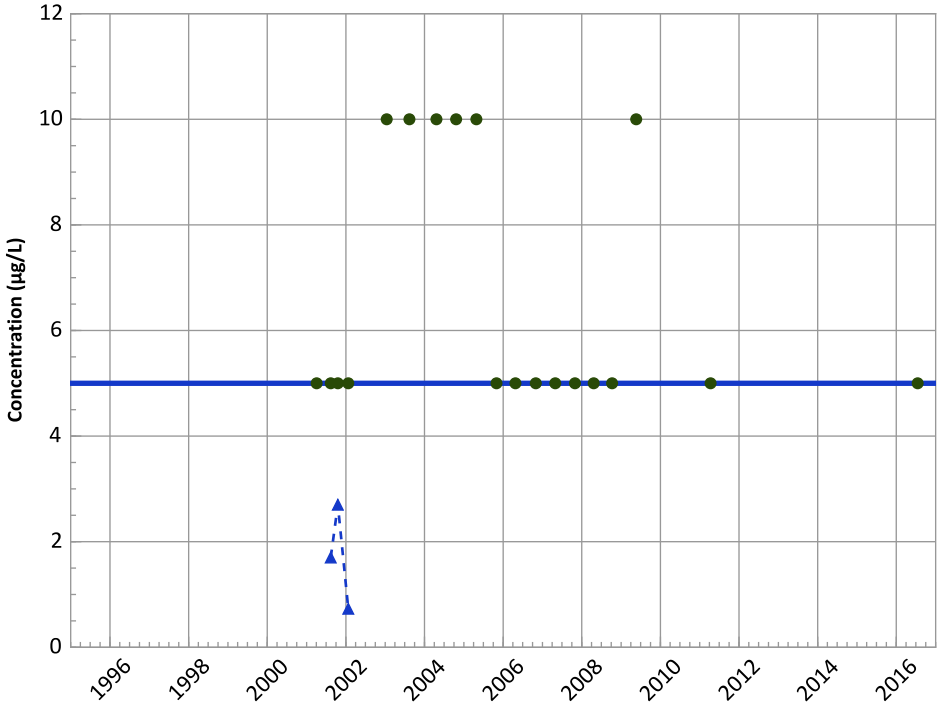
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methylene Chloride Trend

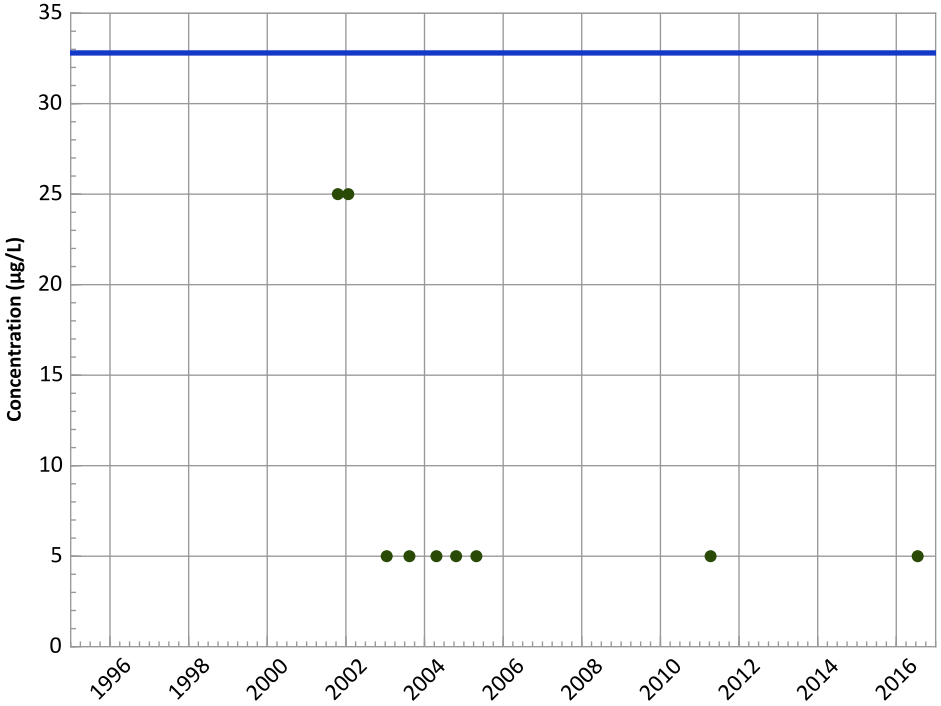


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Pentachloroethane Trend



Concentration Trend

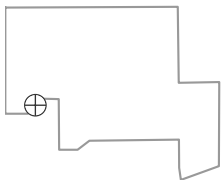
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

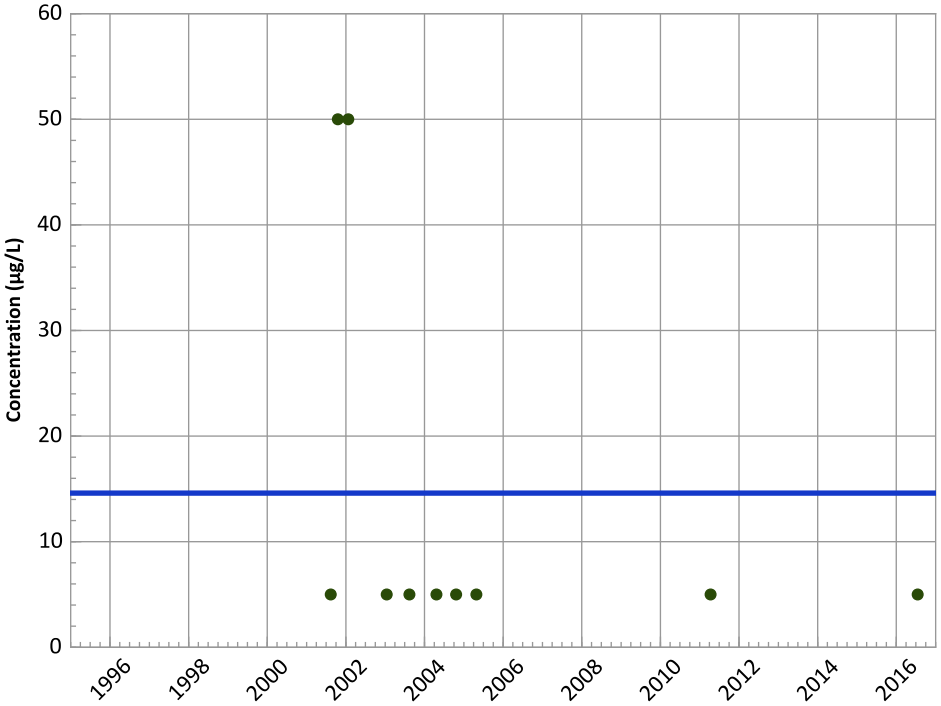
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Propane Nitrile (Propionitrile) Trend

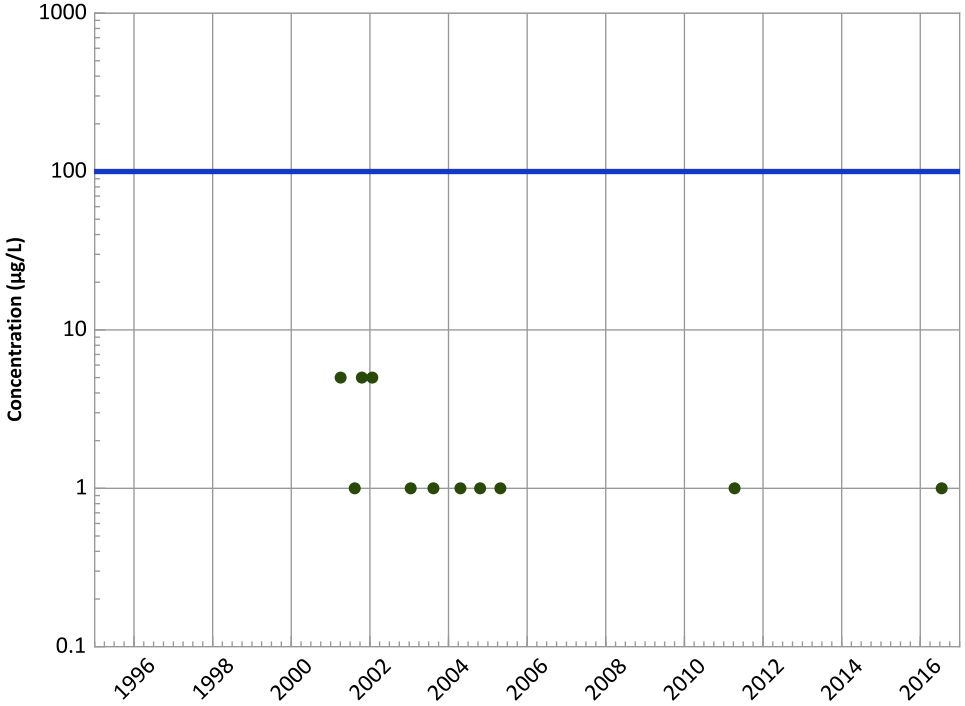


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Styrene Trend



Concentration Trend

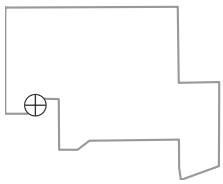
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

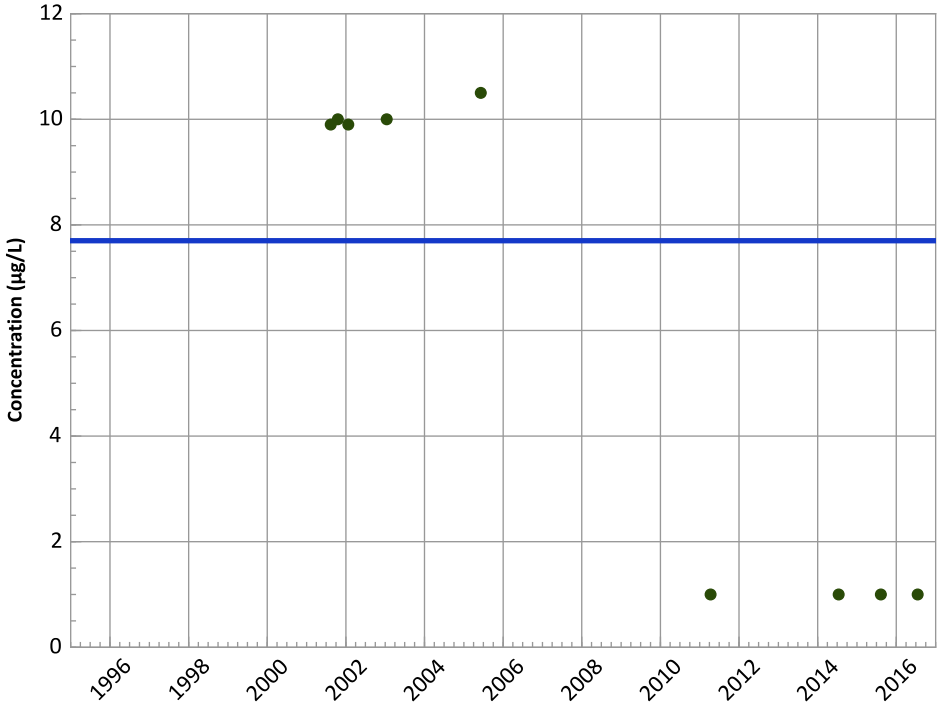
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

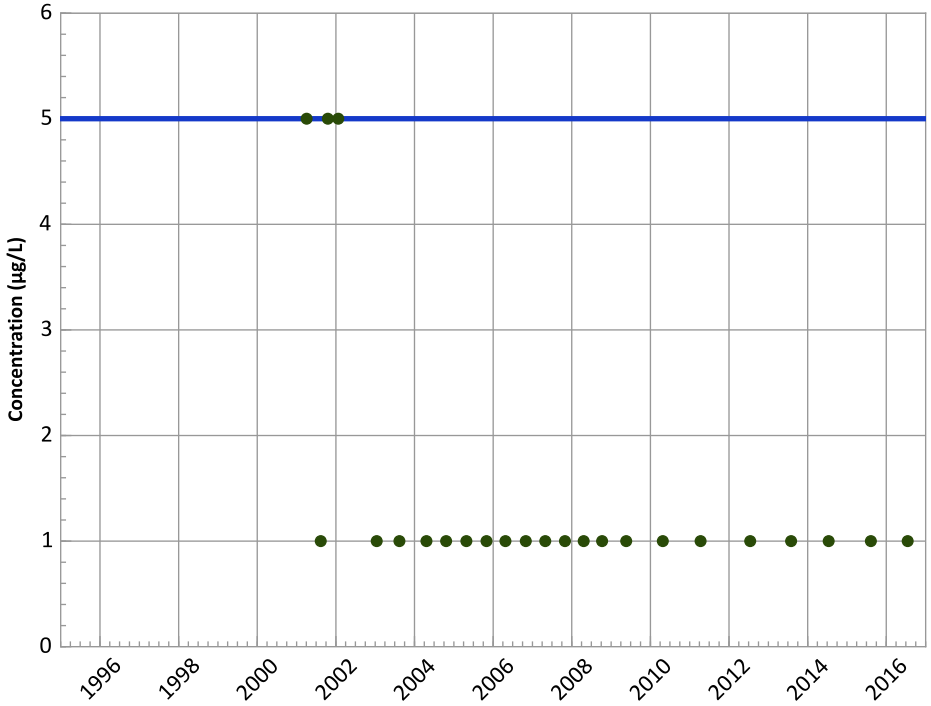


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

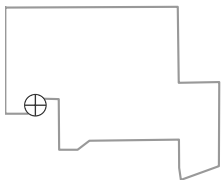
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

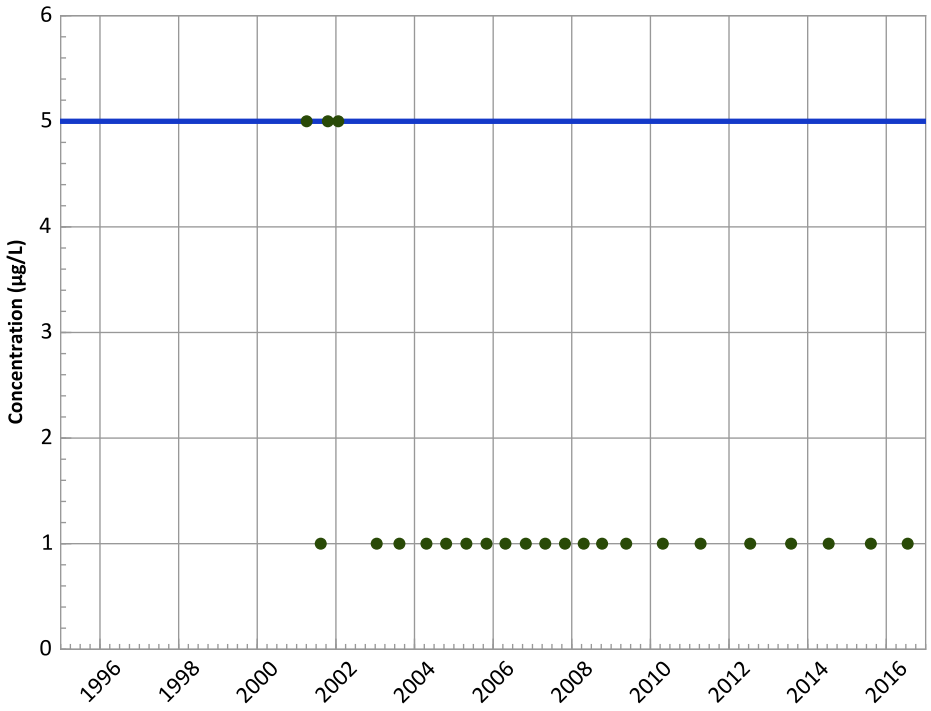
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

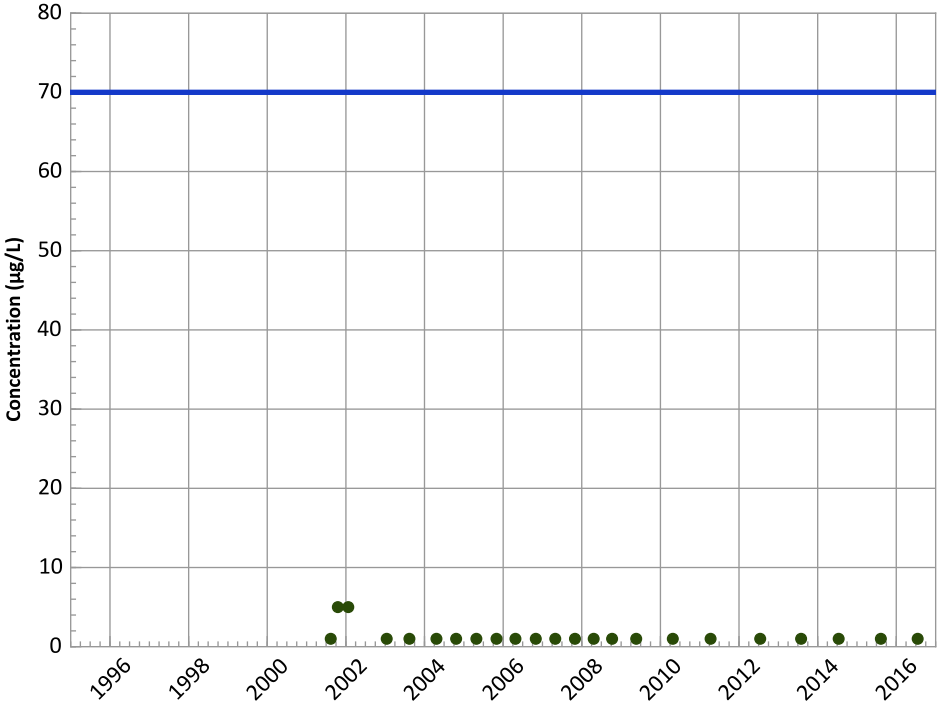


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

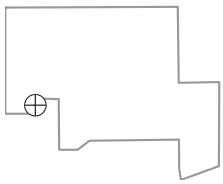
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

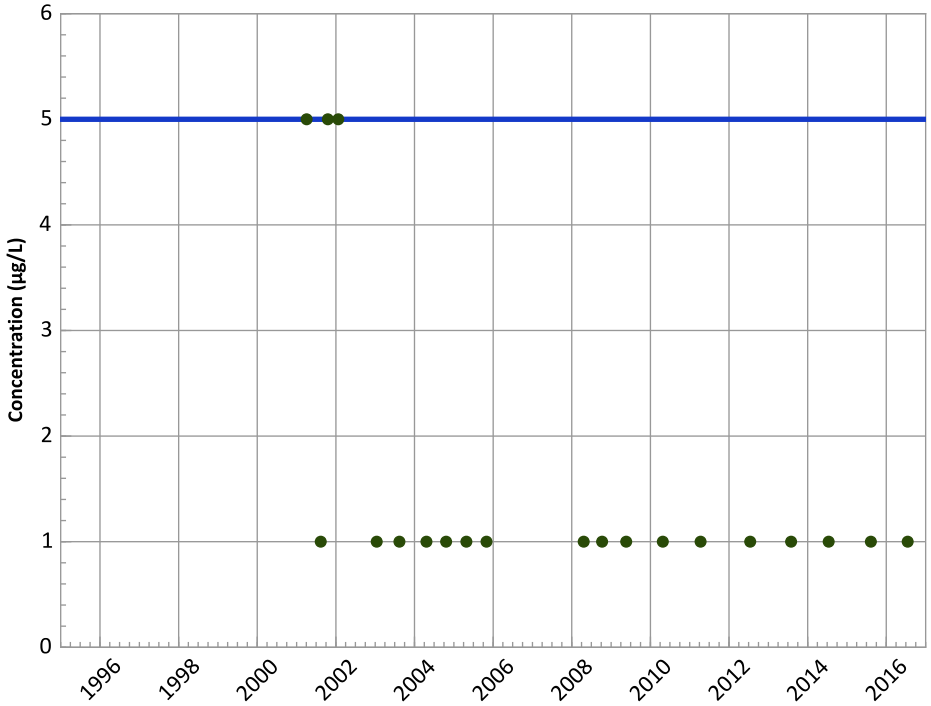
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

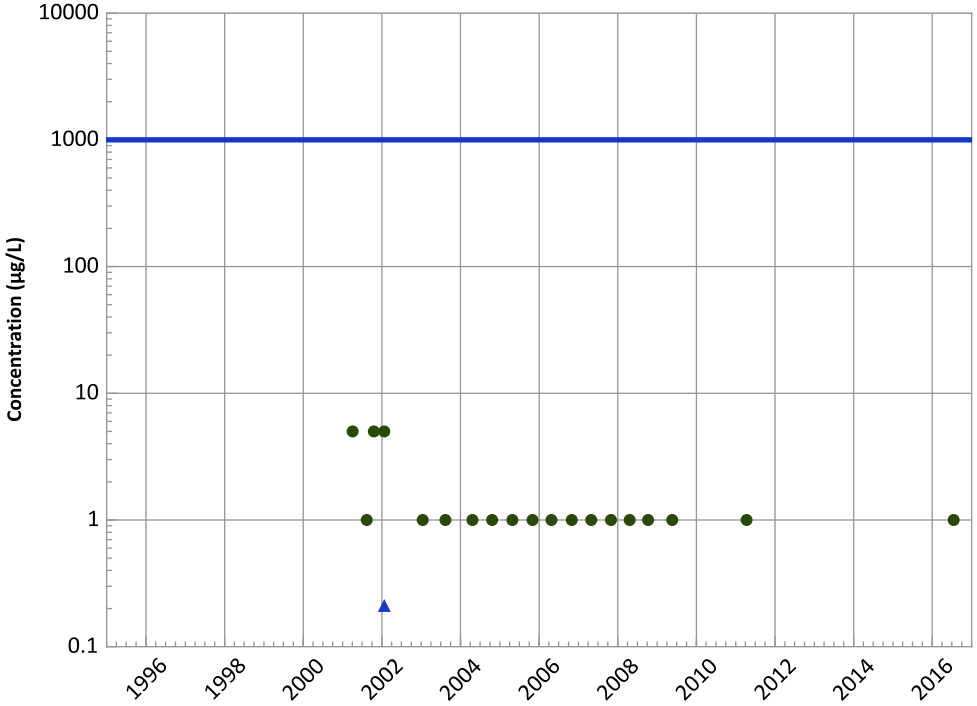


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Toluene Trend



Concentration Trend

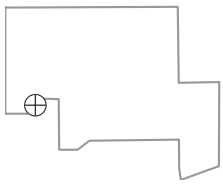
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

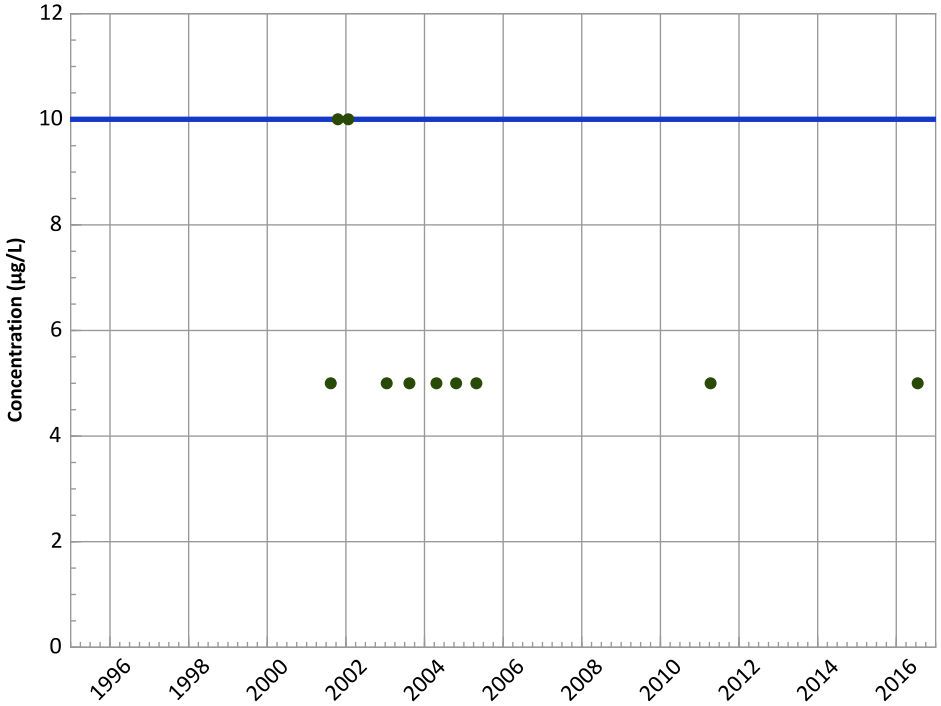
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

trans-1,4-Dichloro-2-Butene Trend

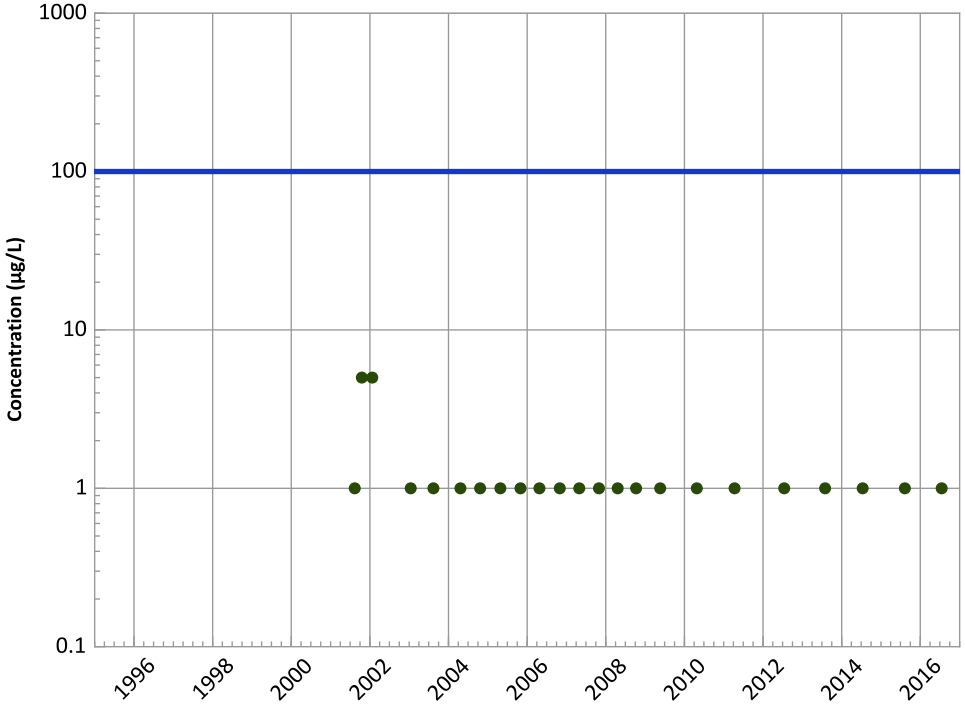


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

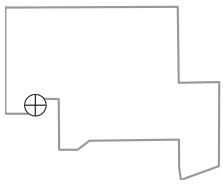
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

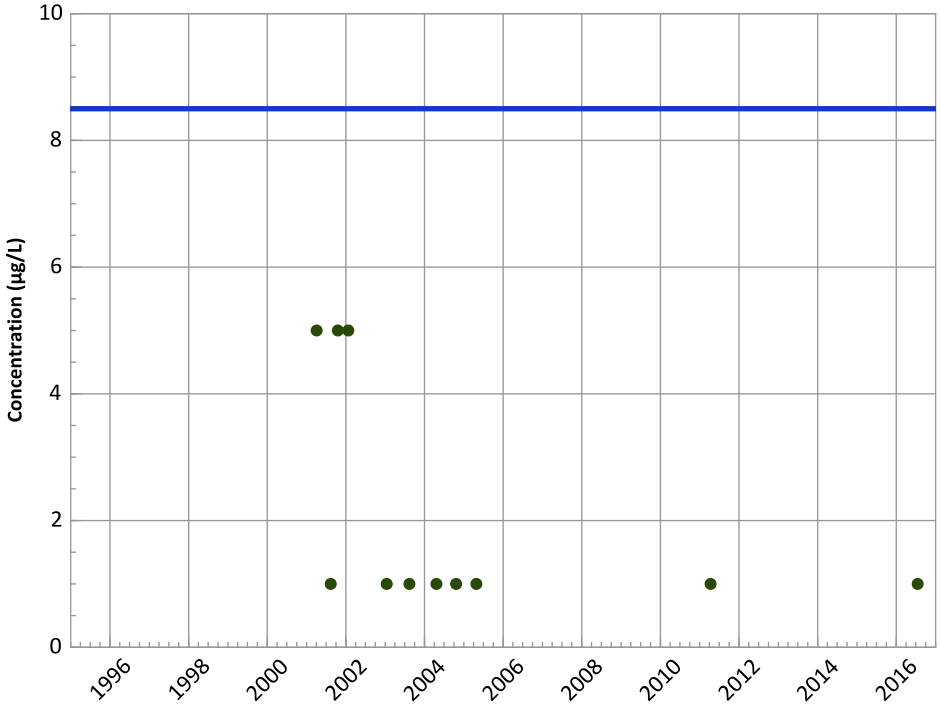
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

trans-1,3-Dichloropropene Trend

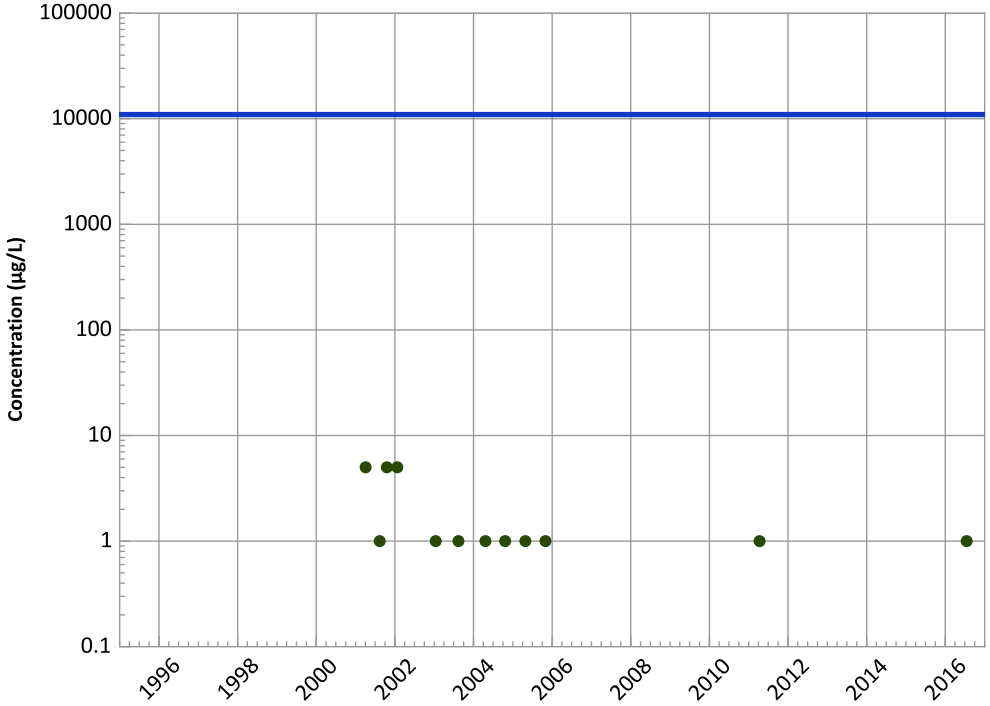


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Trichlorofluoromethane Trend



Concentration Trend

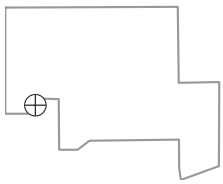
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

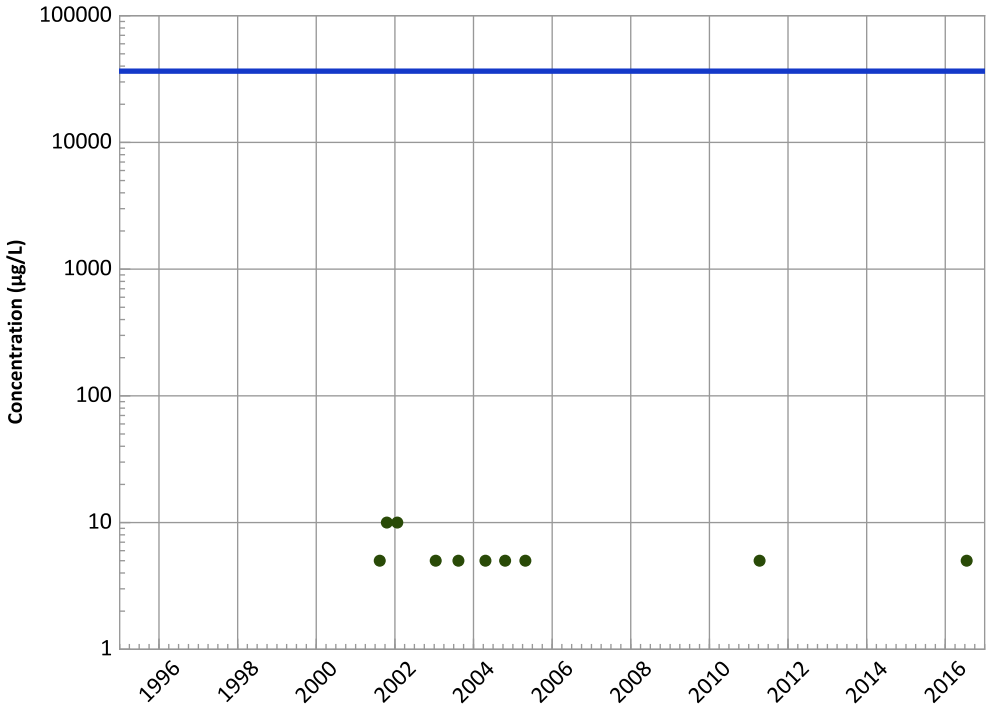
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vinyl Acetate Trend

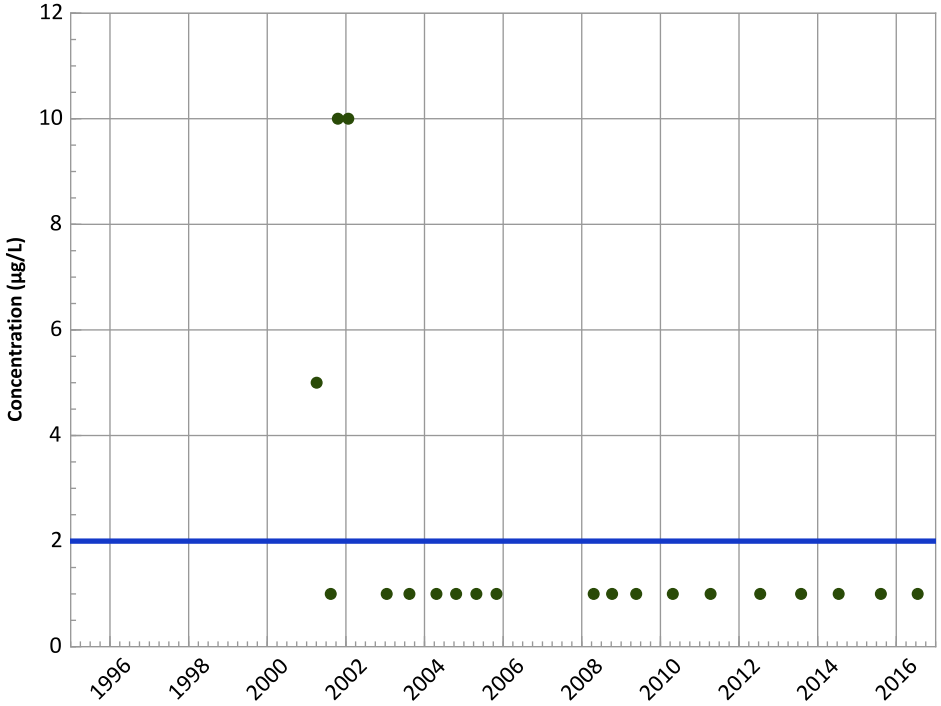


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

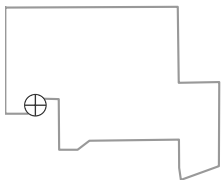
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

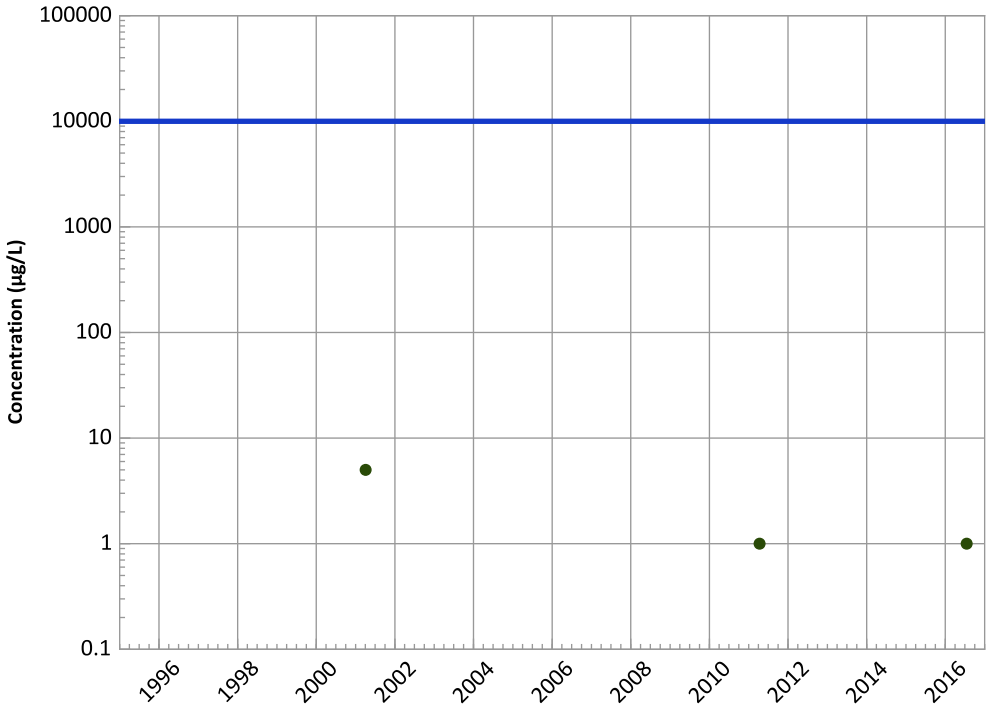
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Xylenes, Total Trend

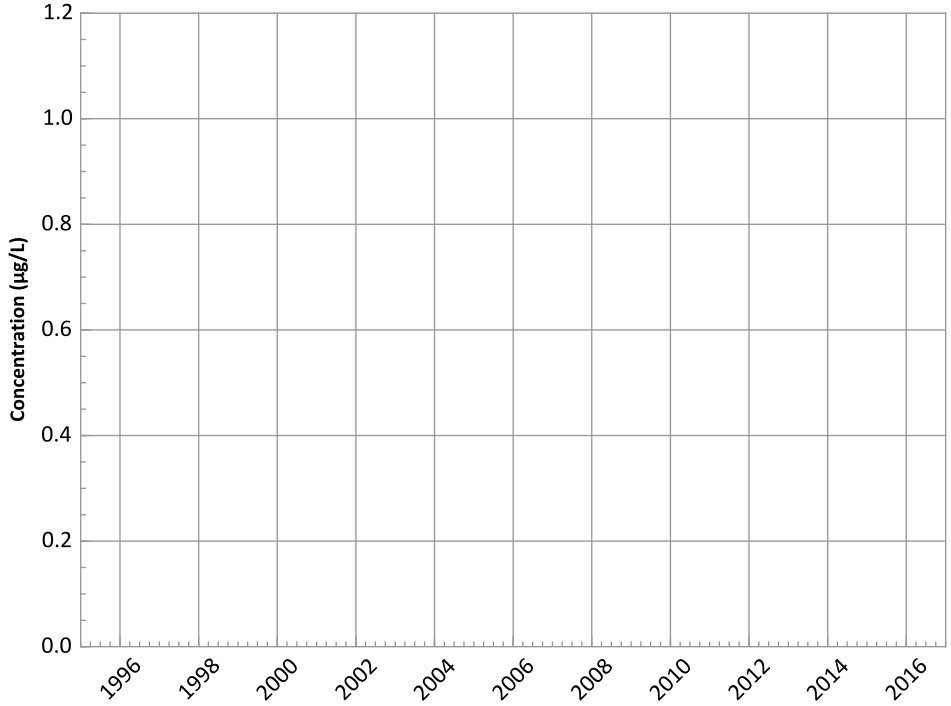


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Sulfide Trend



Concentration Trend

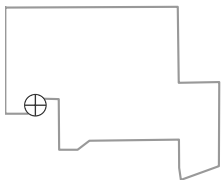
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

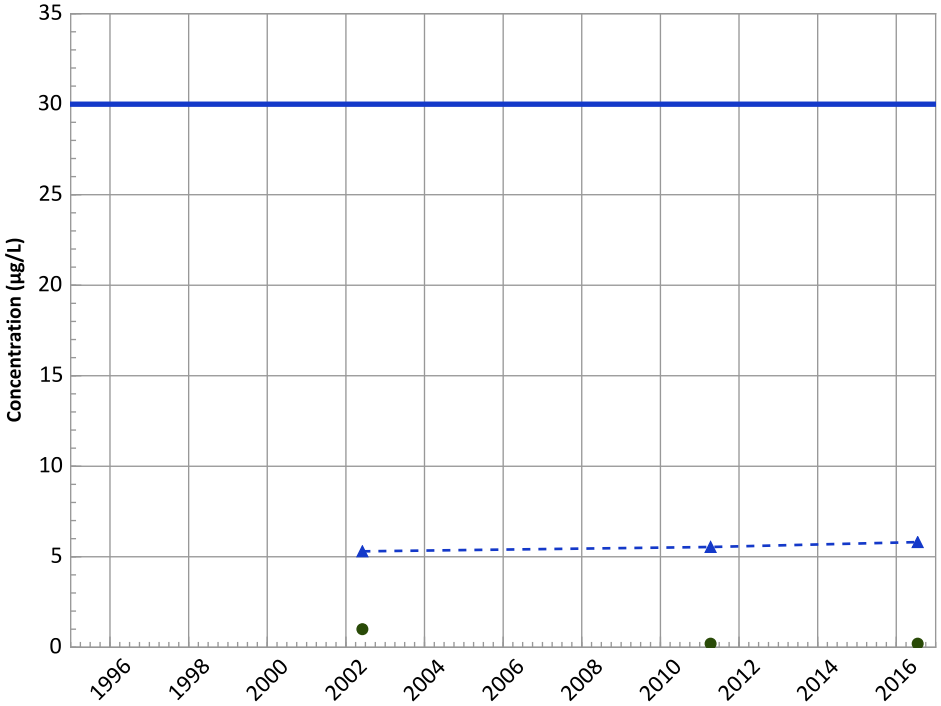
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Uranium, Total Trend

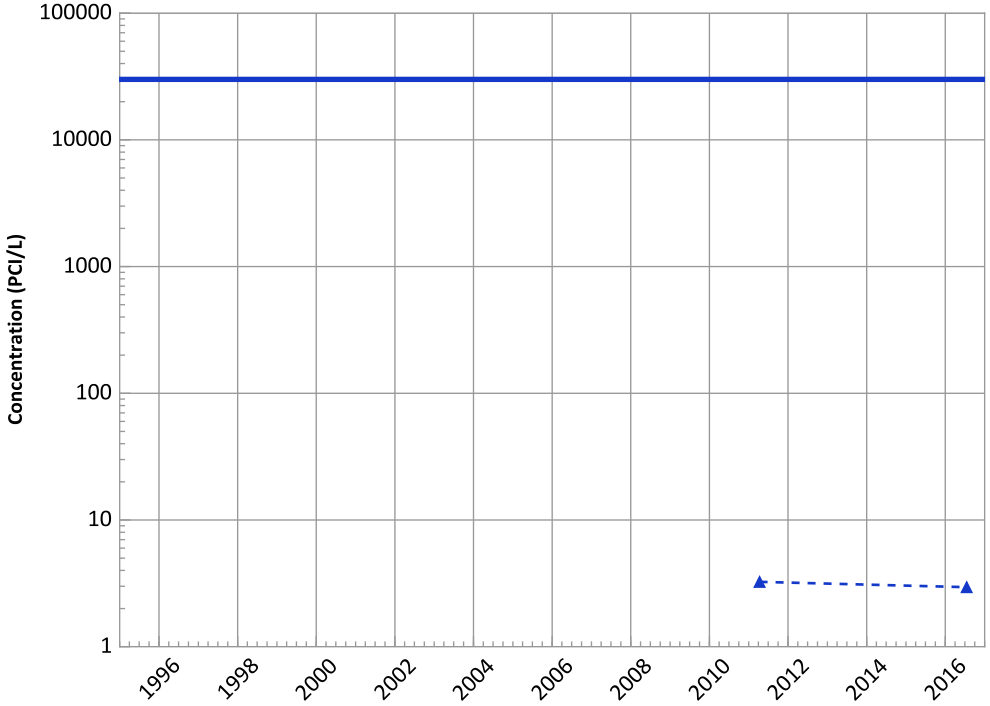


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Uranium-233/234 Trend



Concentration Trend

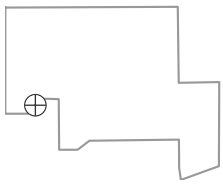
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

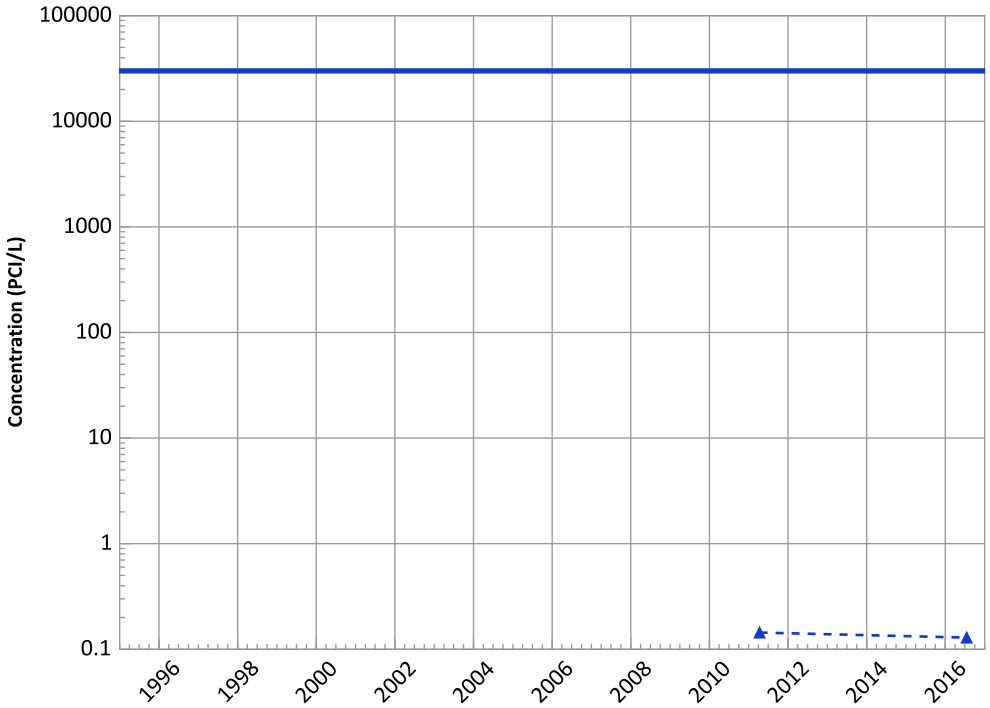
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Uranium-235/236 Trend

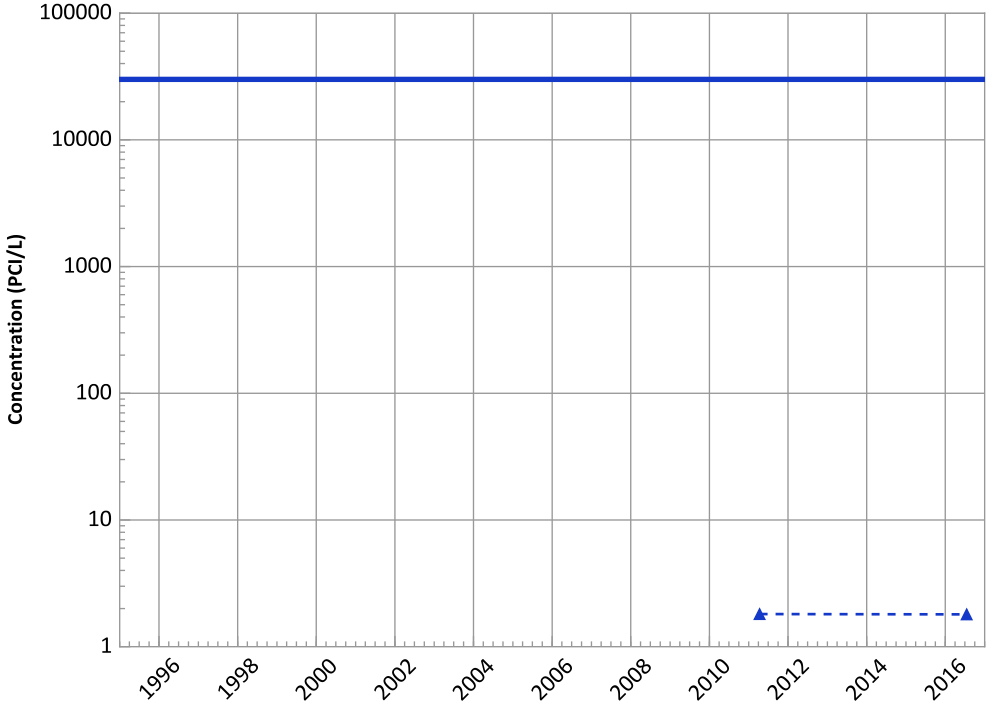


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Uranium-238 Trend



Concentration Trend

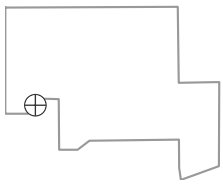
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

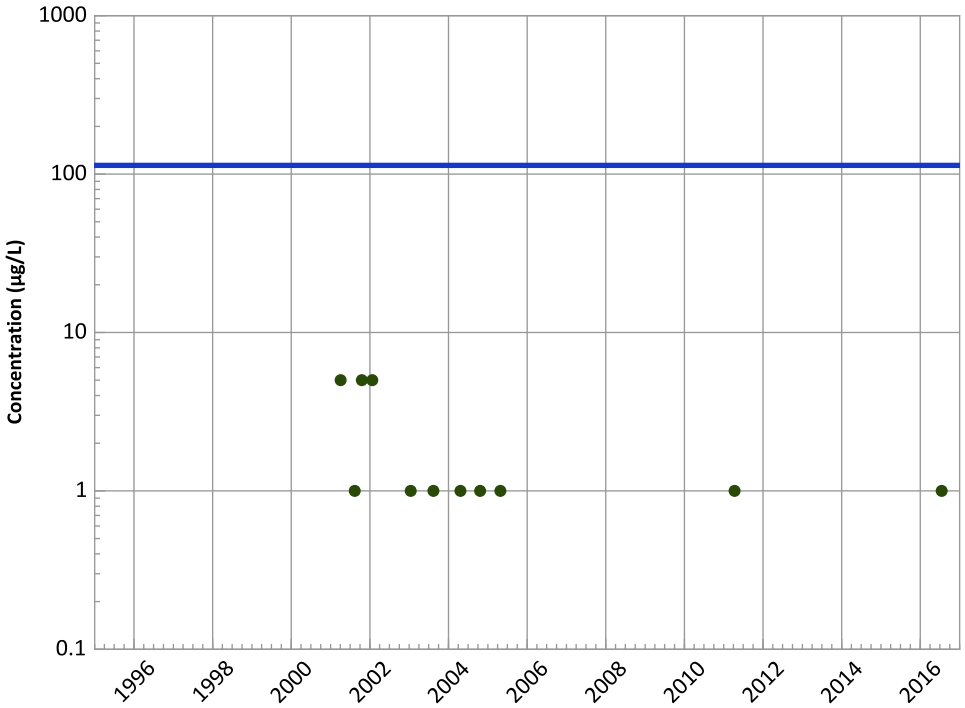
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Dibromomethane Trend

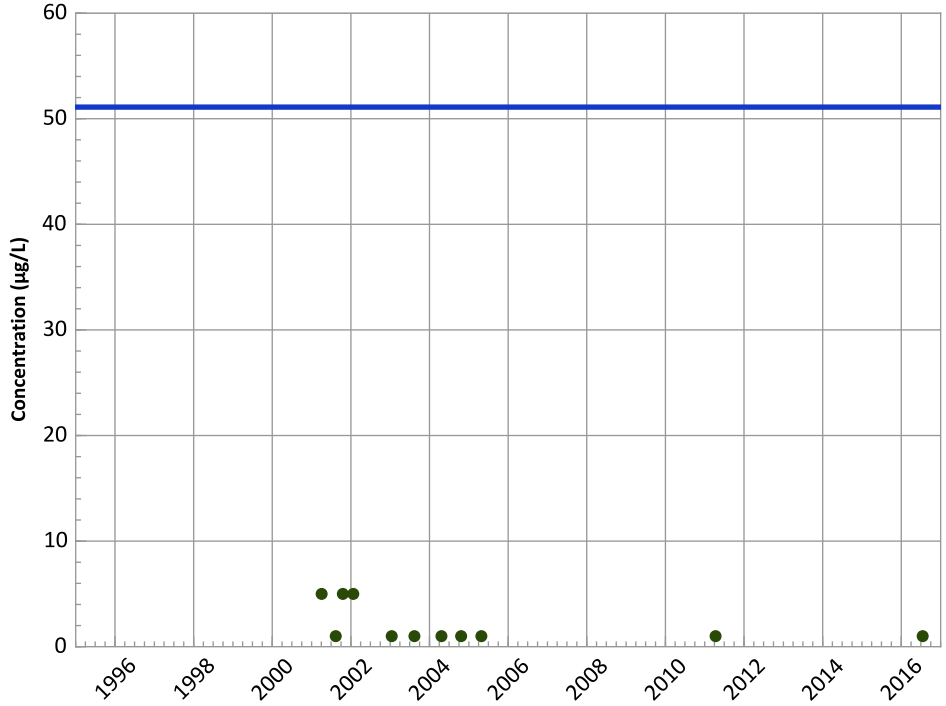


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Bromomethane Trend



Concentration Trend

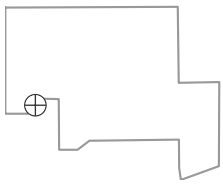
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

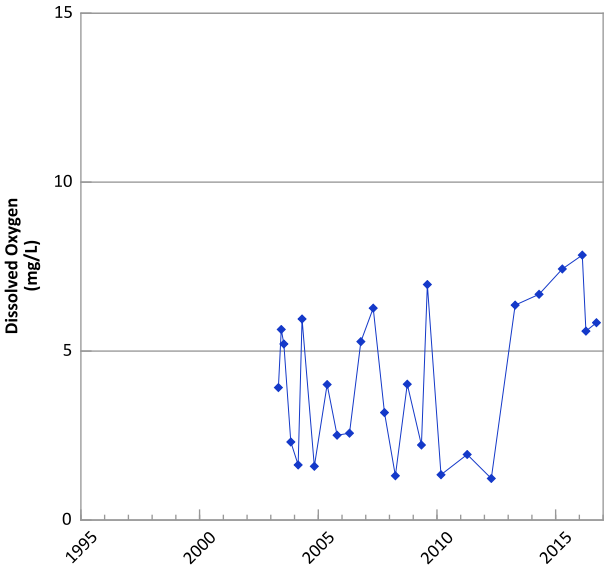
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/04/2001 to 07/18/2016
Analysis Date: 03/07/2017

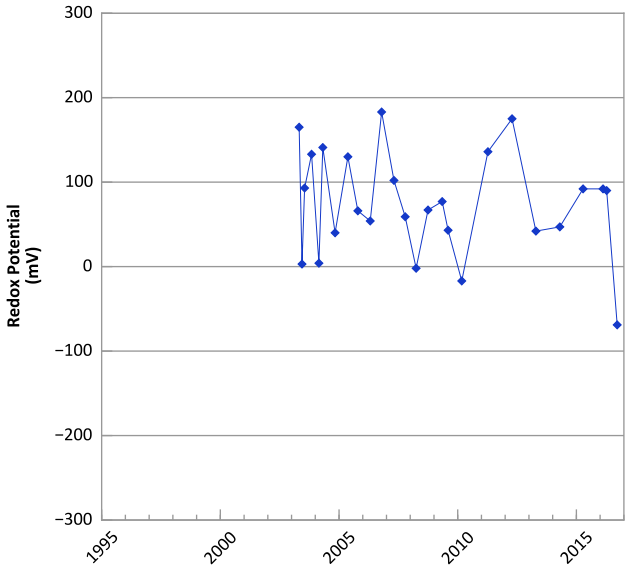
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

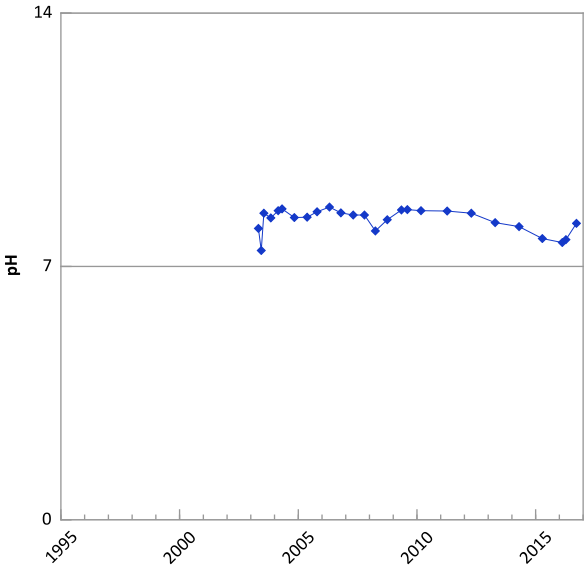
Well Location

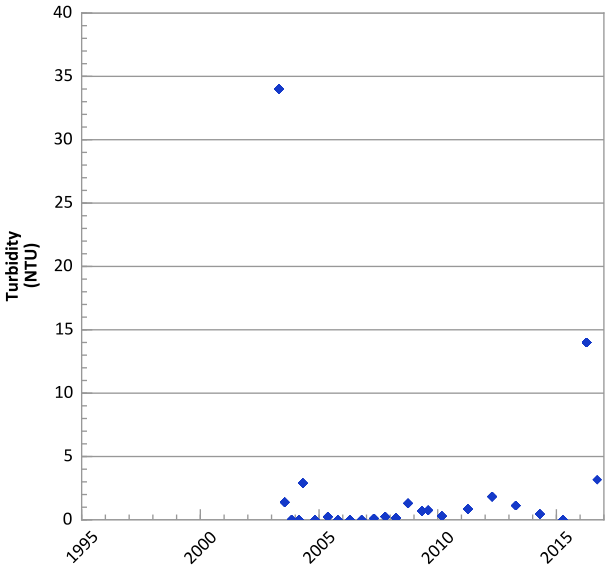


PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



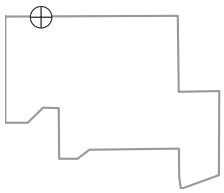






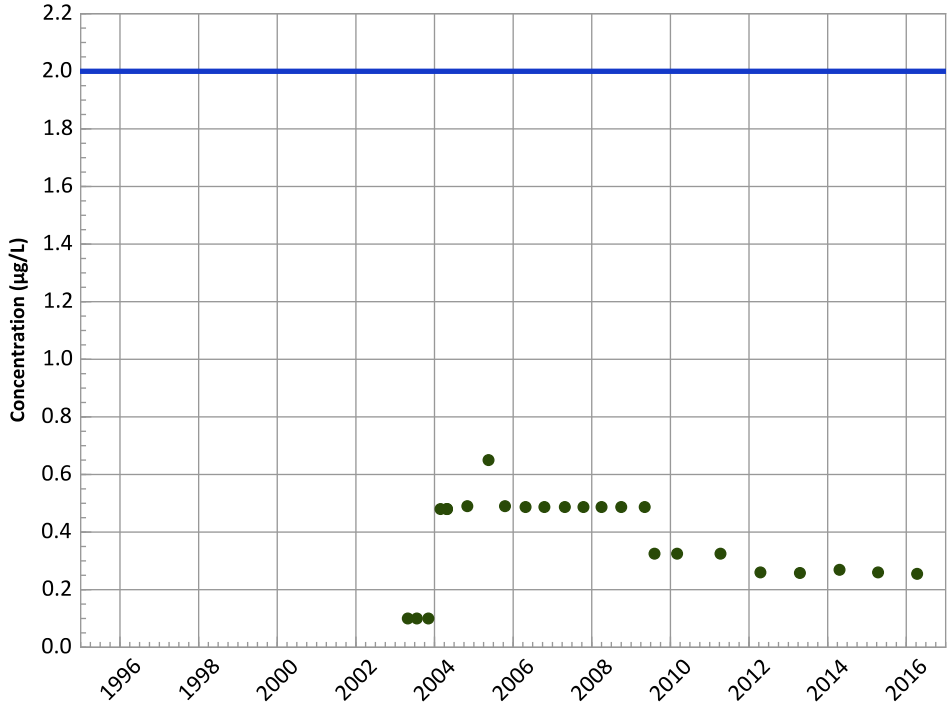
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/28/2003 to 09/20/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

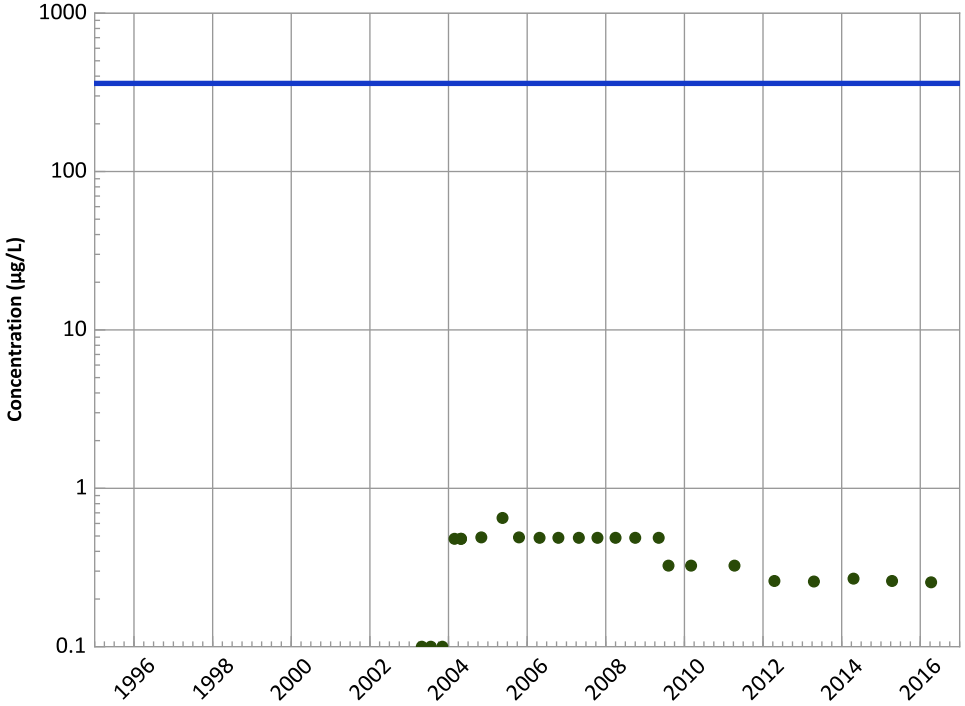


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

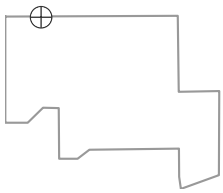
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/28/2003 to 09/20/2016
Analysis Date: 03/07/2017

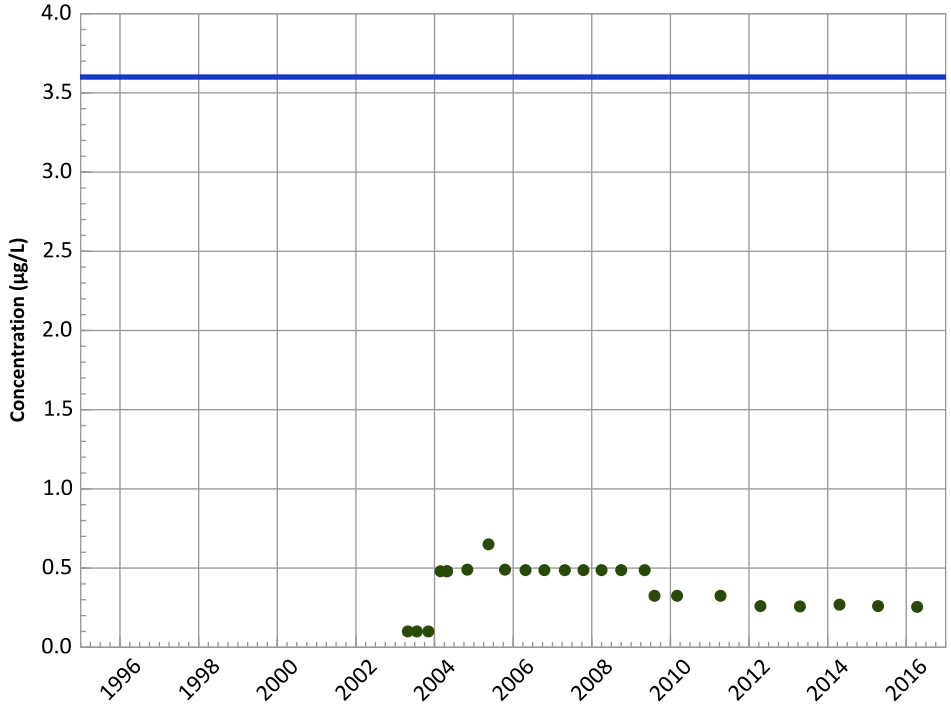
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

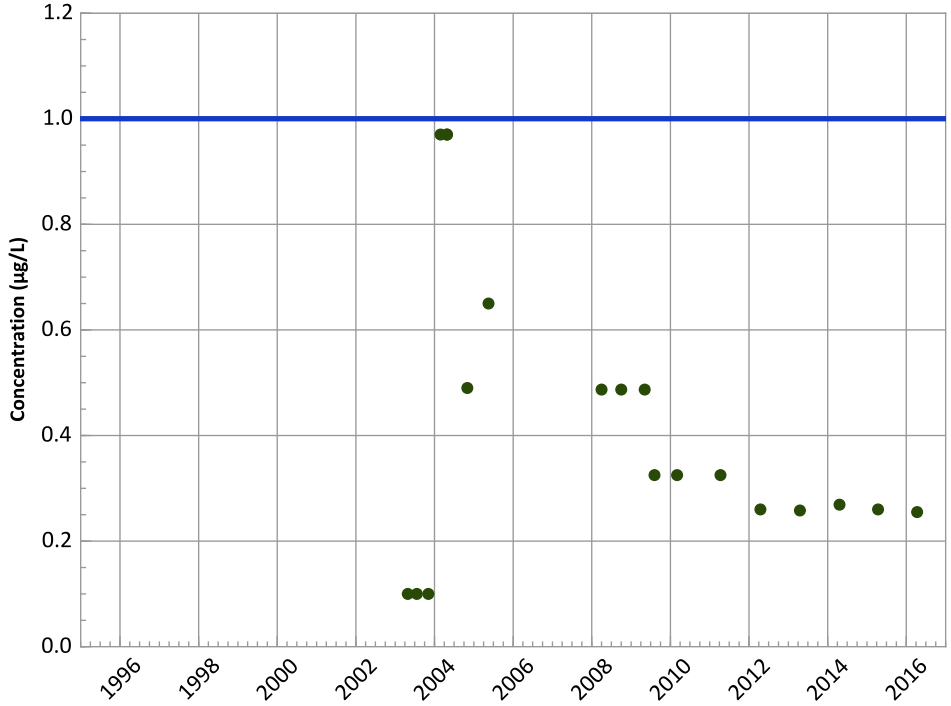


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

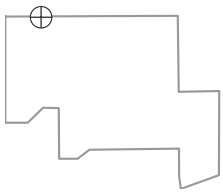
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/28/2003 to 09/20/2016
Analysis Date: 03/07/2017

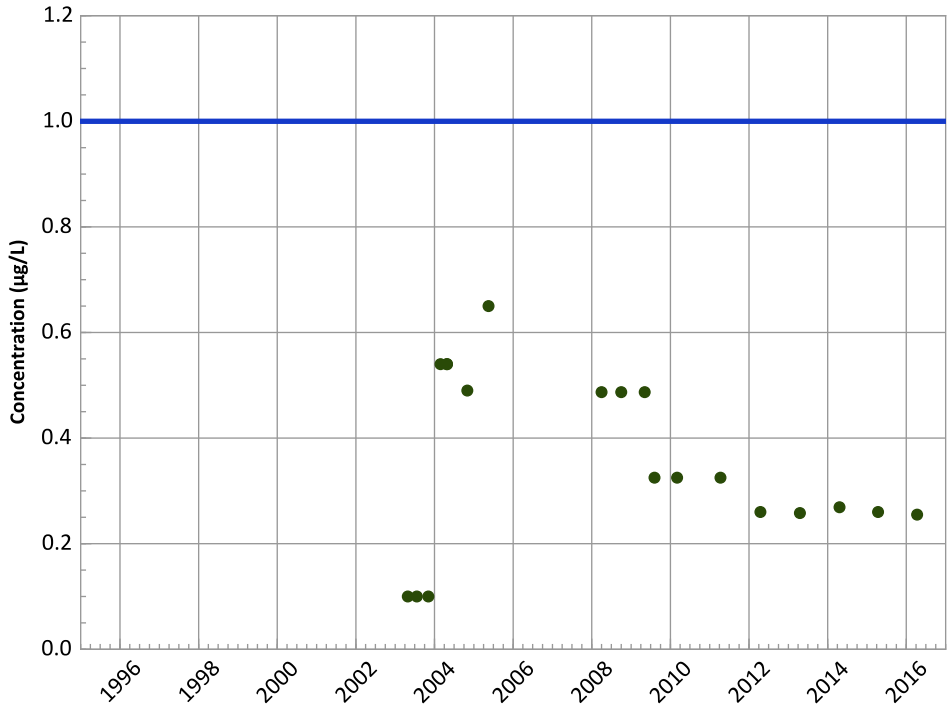
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

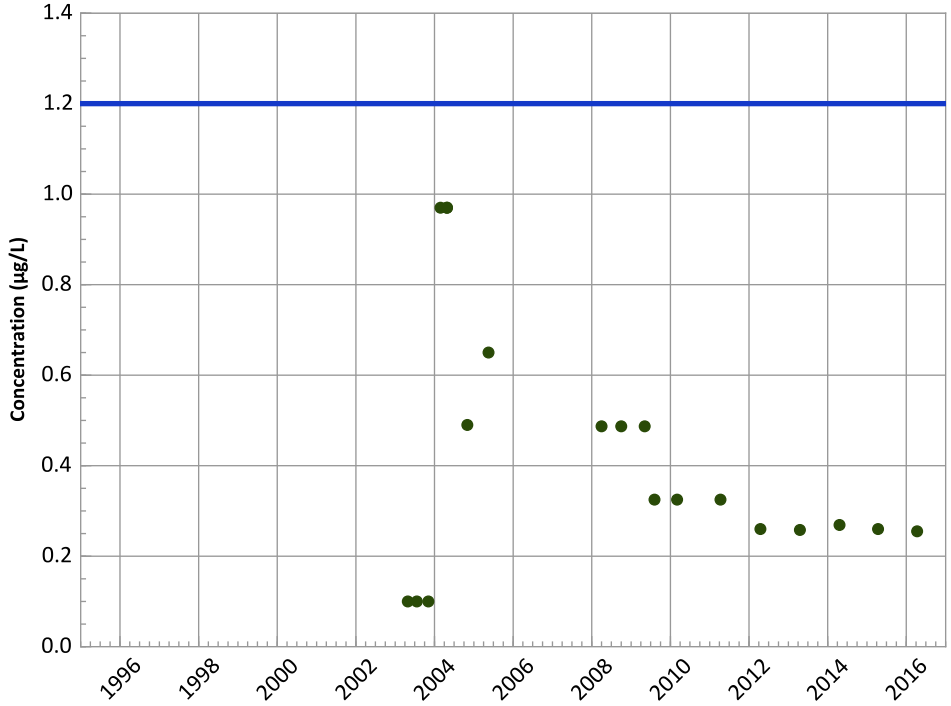


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

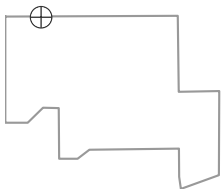
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/28/2003 to 09/20/2016
Analysis Date: 03/07/2017

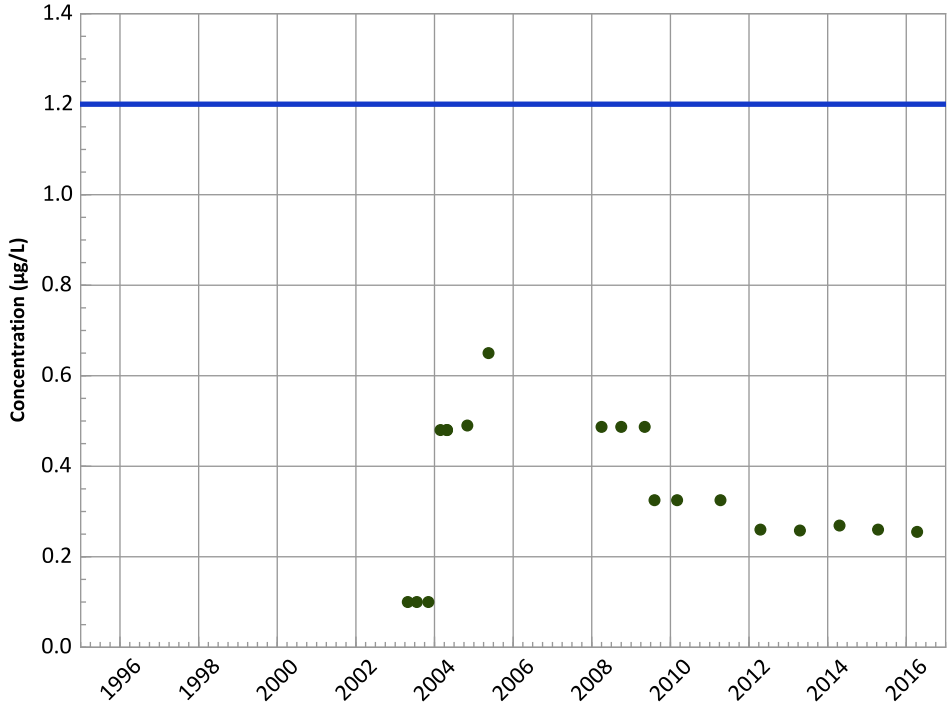
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

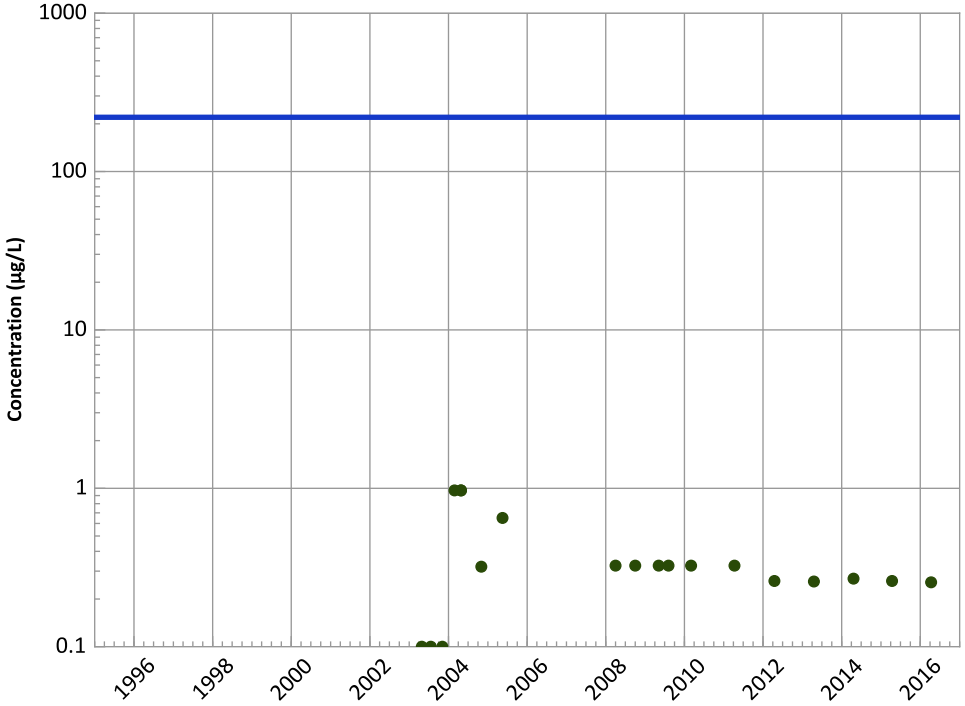


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

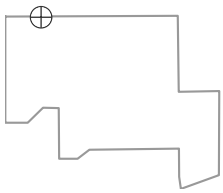
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/28/2003 to 09/20/2016
Analysis Date: 03/07/2017

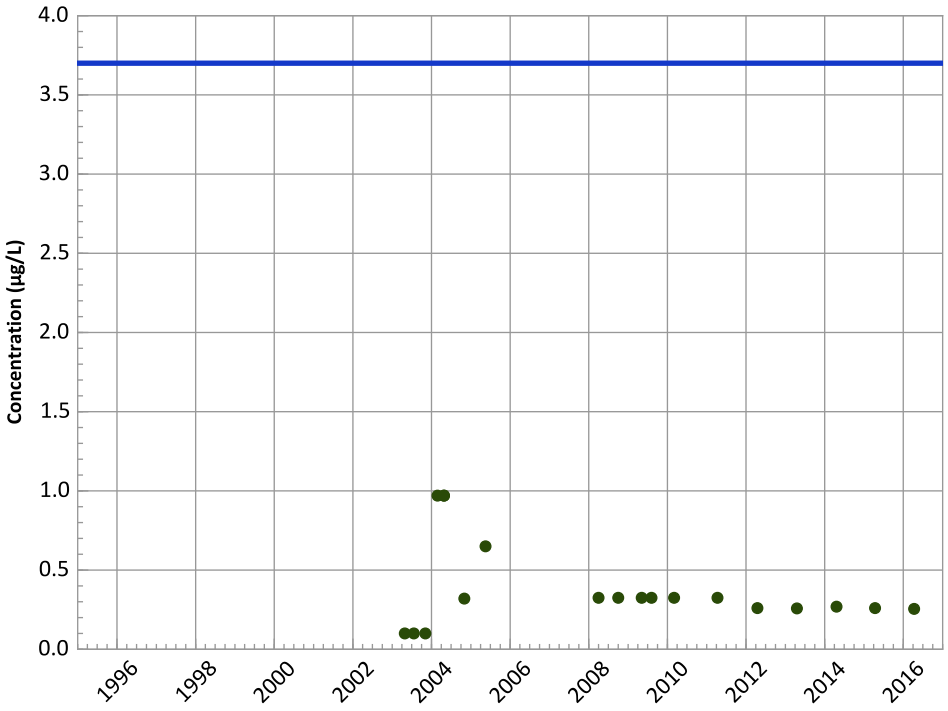
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

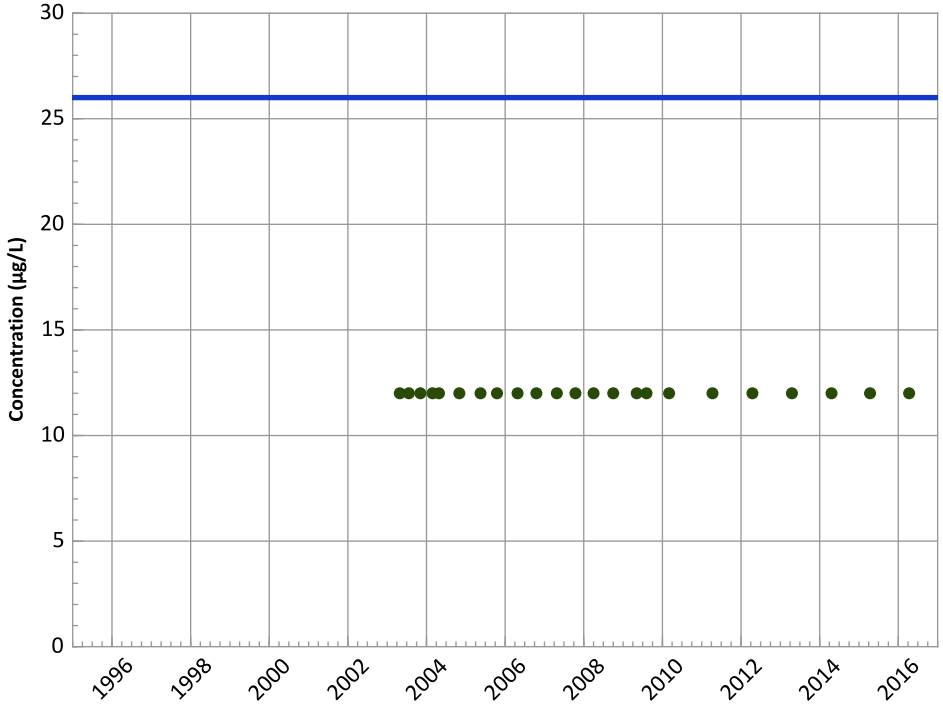


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

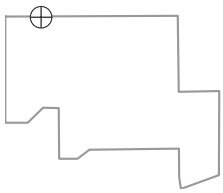
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/28/2003 to 09/20/2016
Analysis Date: 03/07/2017

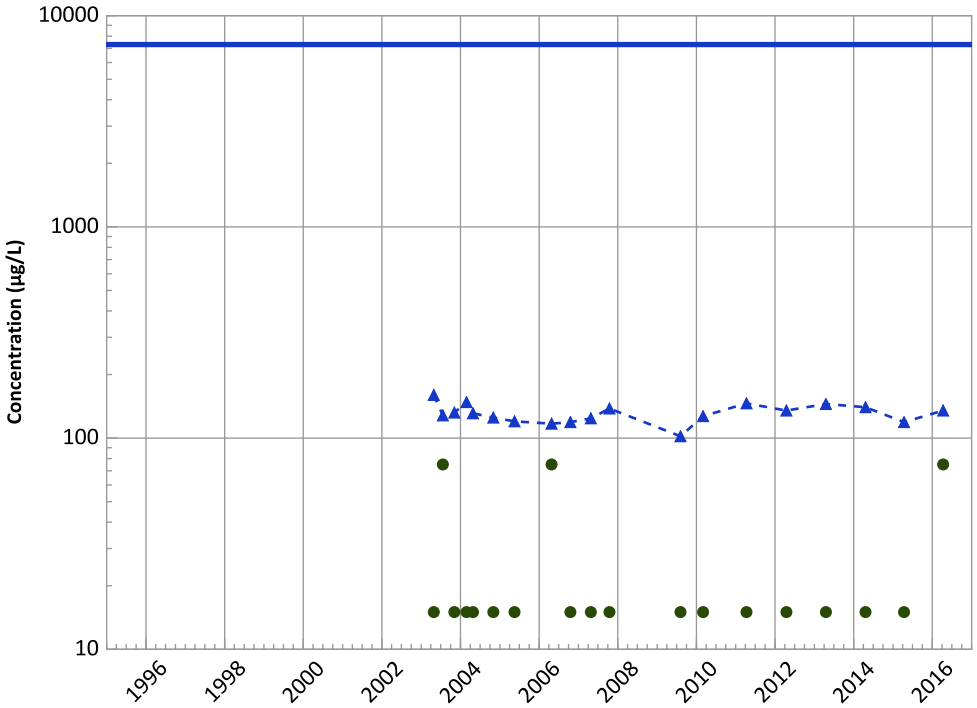
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

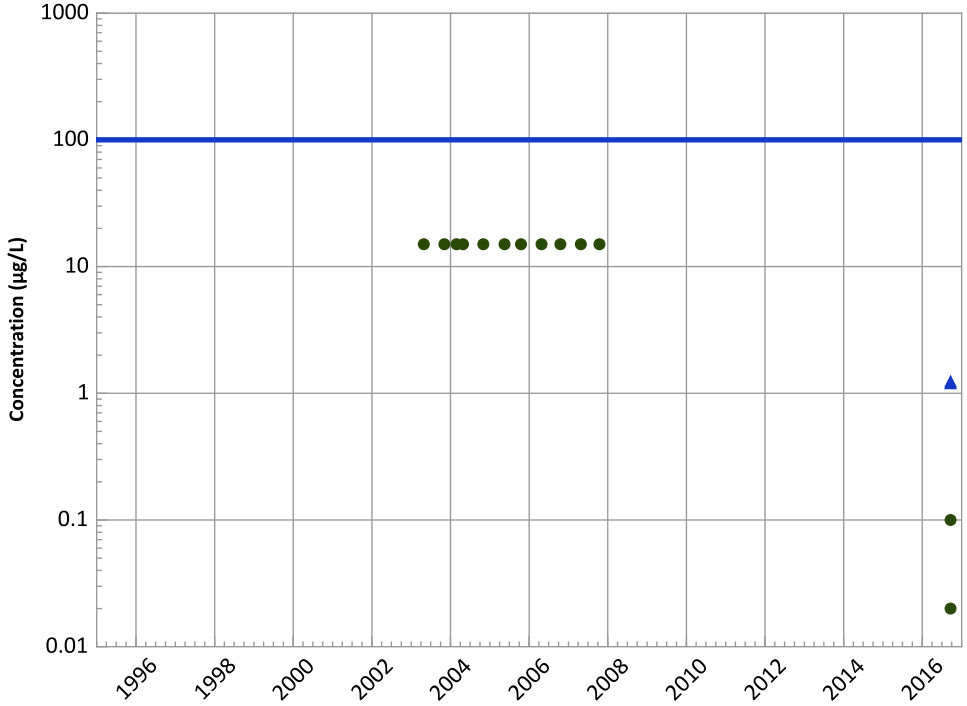


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Chromium, Hexavalent Trend



Concentration Trend

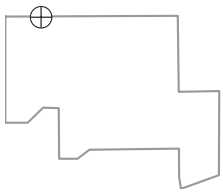
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/28/2003 to 09/20/2016
Analysis Date: 03/07/2017

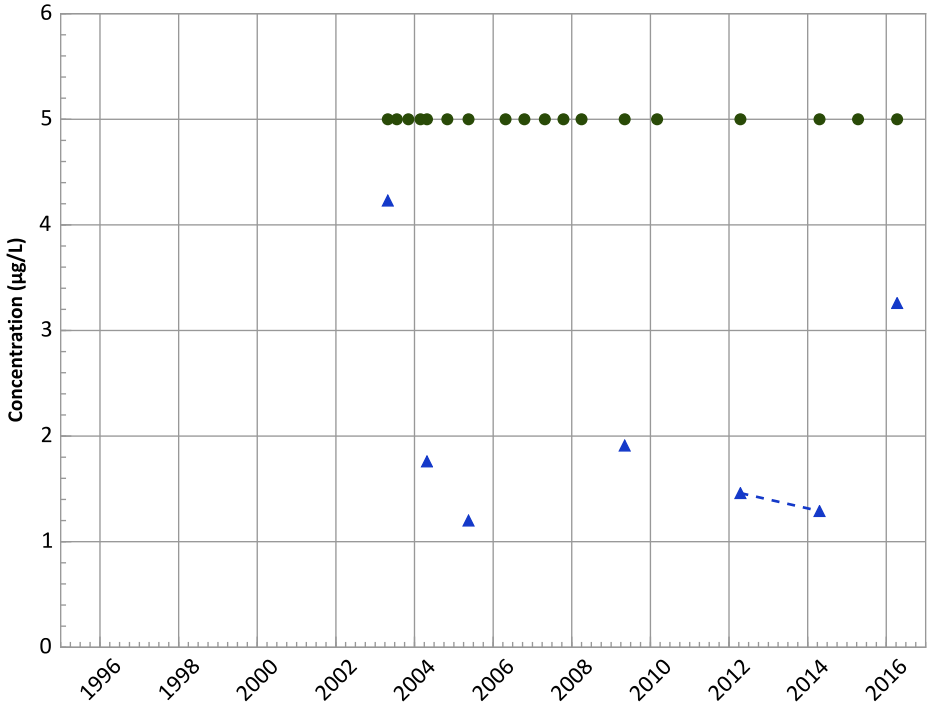
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

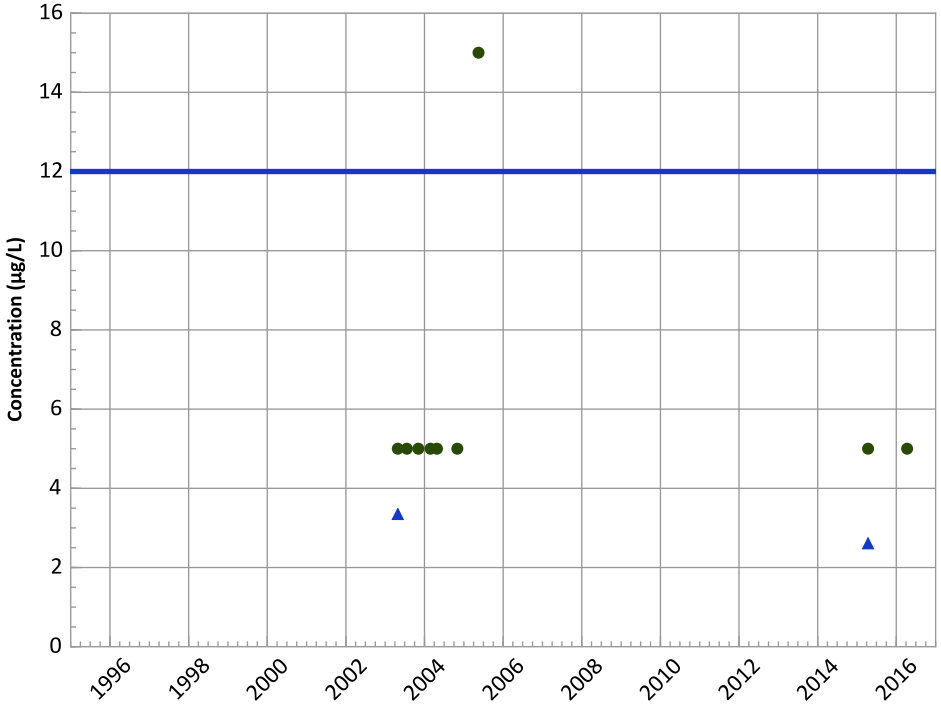


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Arsenic Trend



Concentration Trend

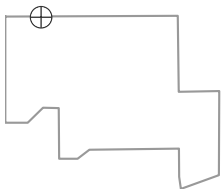
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/28/2003 to 09/20/2016
Analysis Date: 03/07/2017

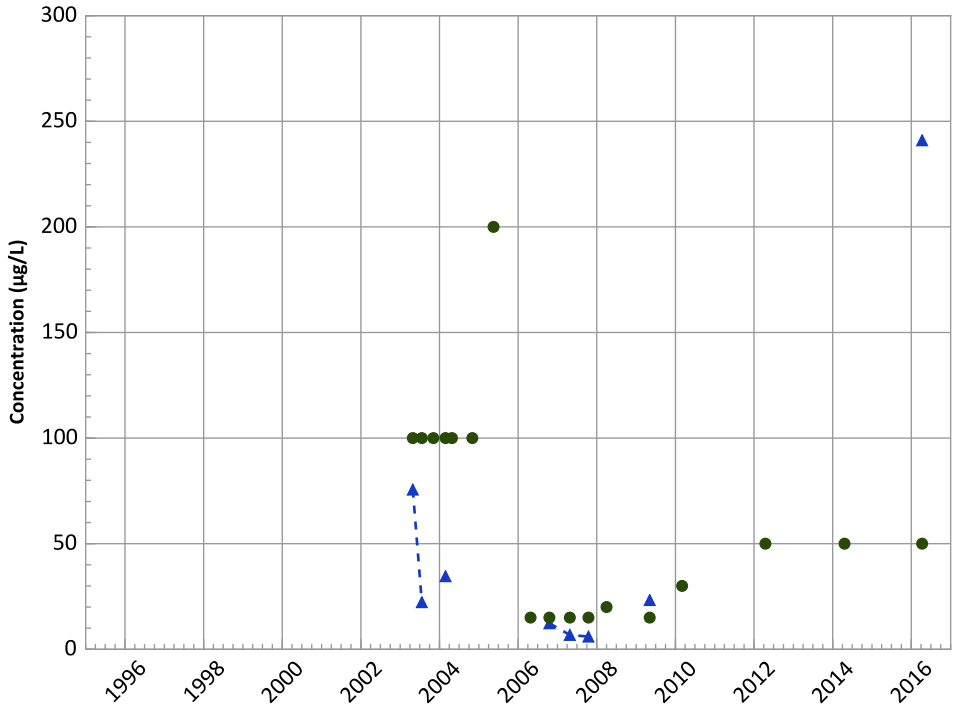
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

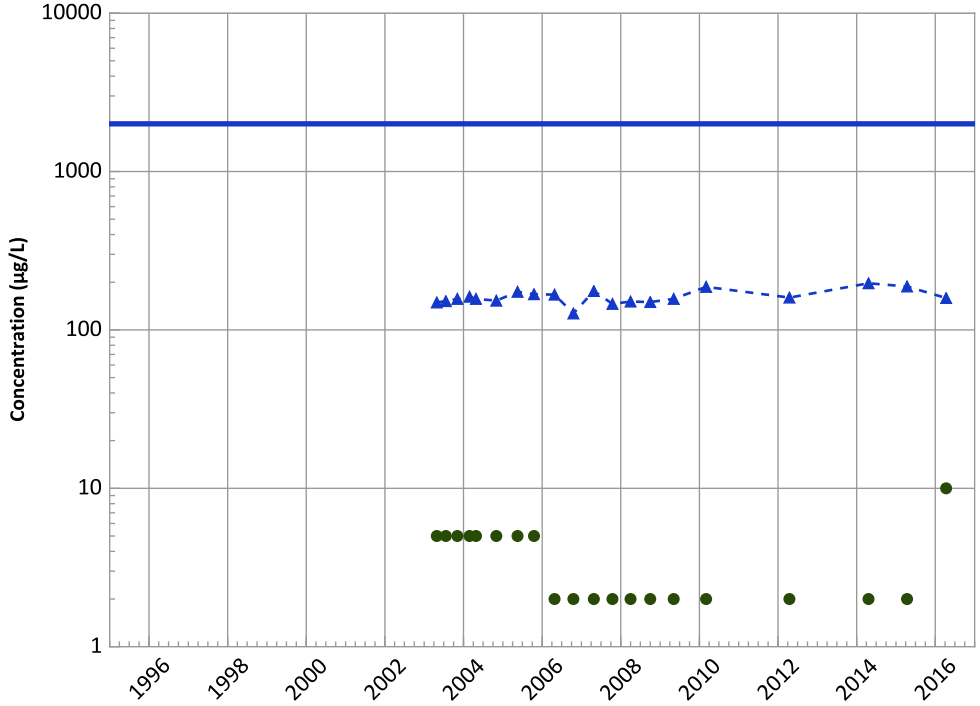


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Barium Trend



Concentration Trend

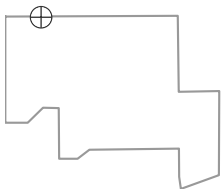
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/28/2003 to 09/20/2016
Analysis Date: 03/07/2017

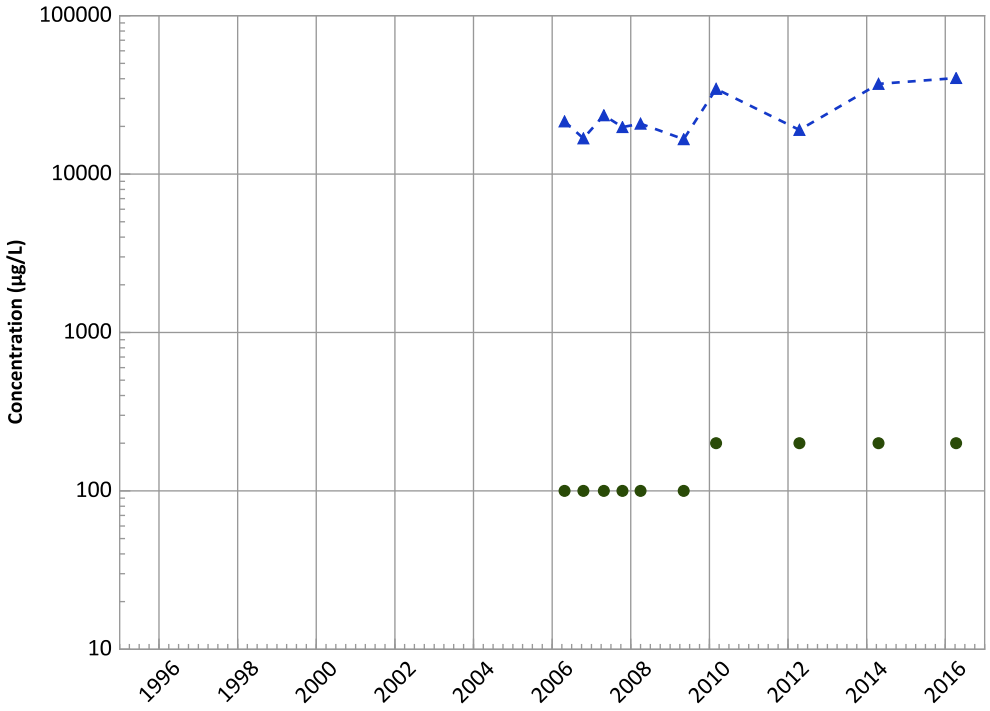
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

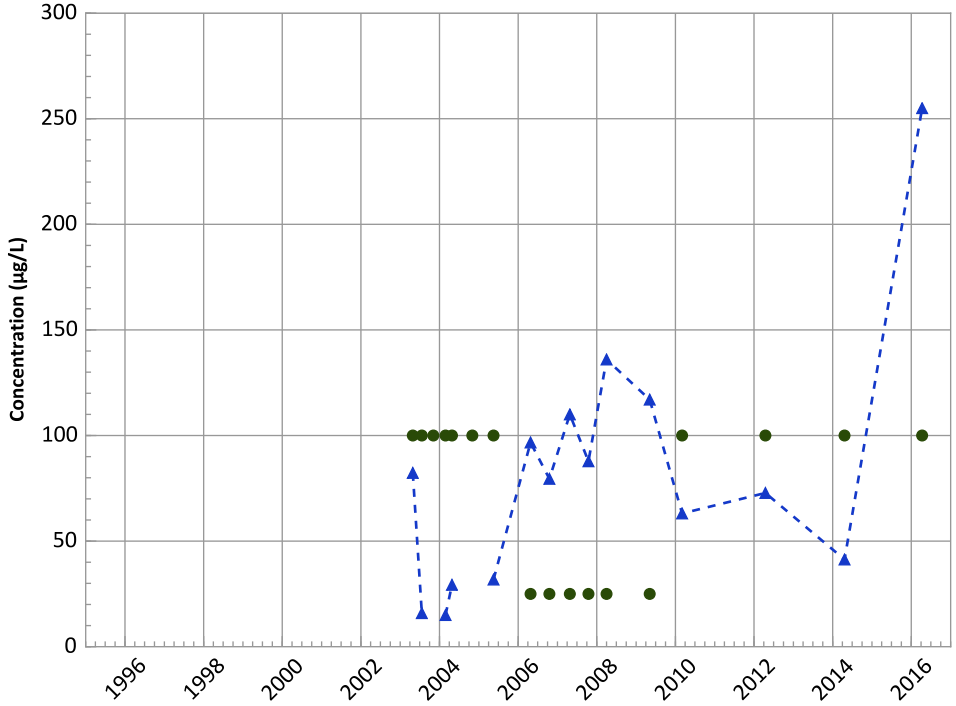


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Iron Trend



Concentration Trend

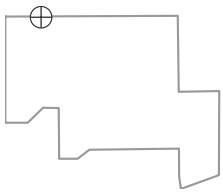
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/28/2003 to 09/20/2016
Analysis Date: 03/07/2017

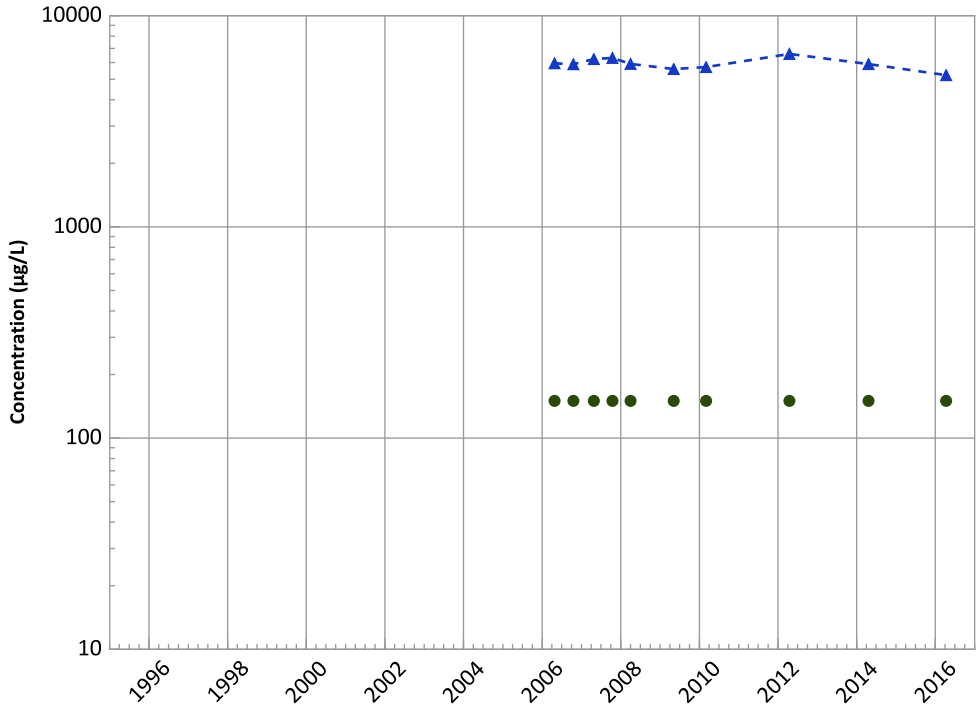
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

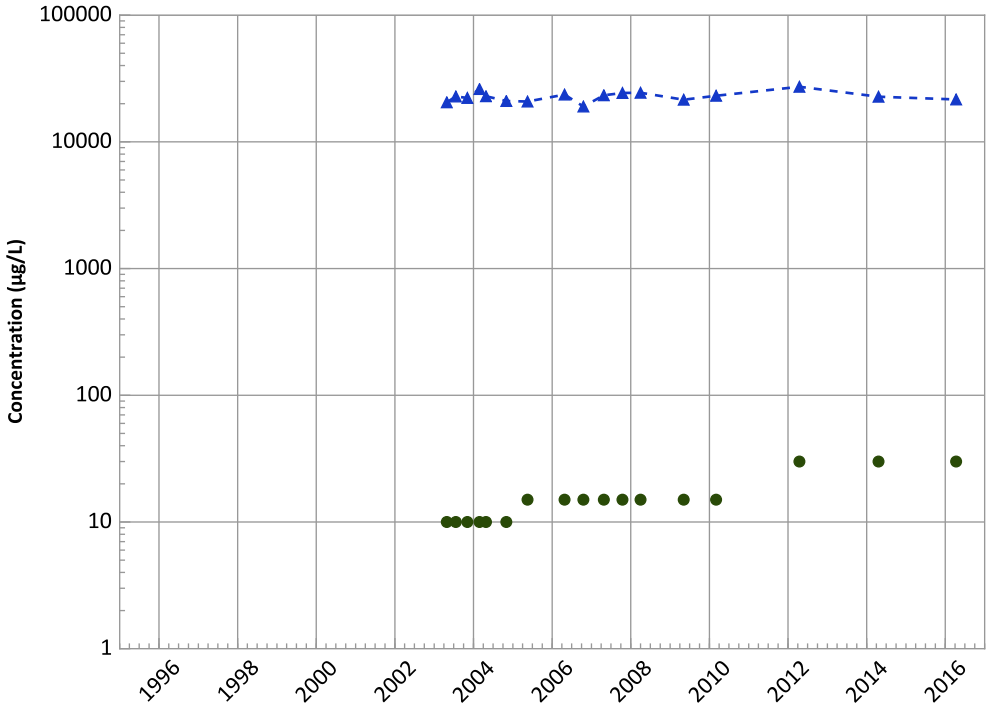


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Magnesium Trend



Concentration Trend

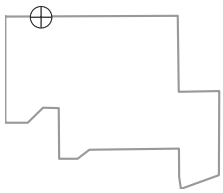
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/28/2003 to 09/20/2016
Analysis Date: 03/07/2017

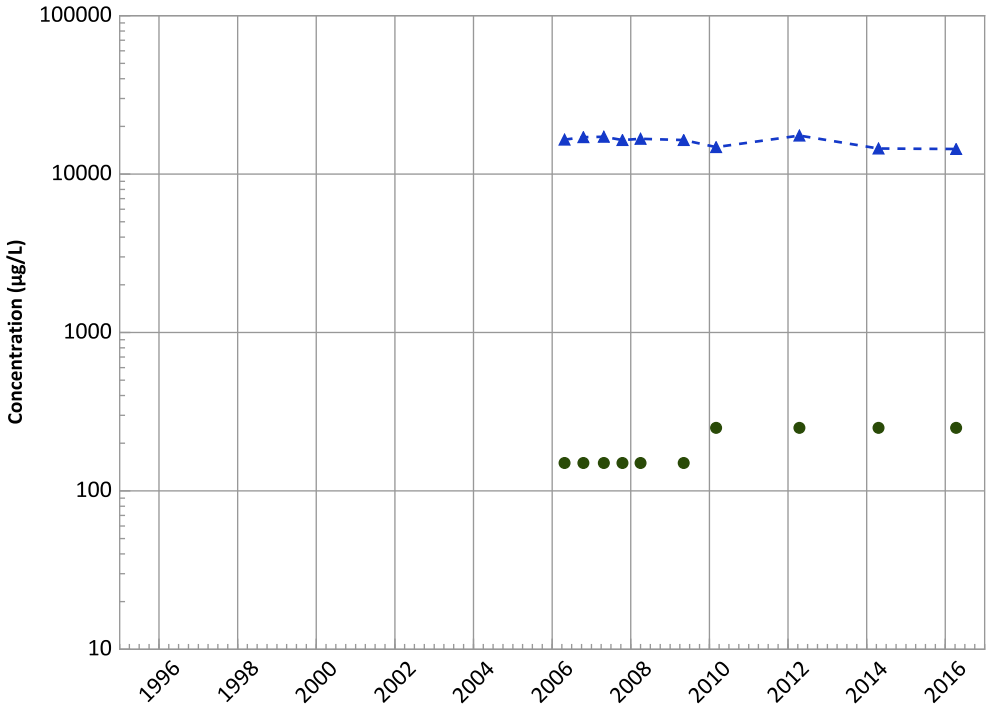
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend

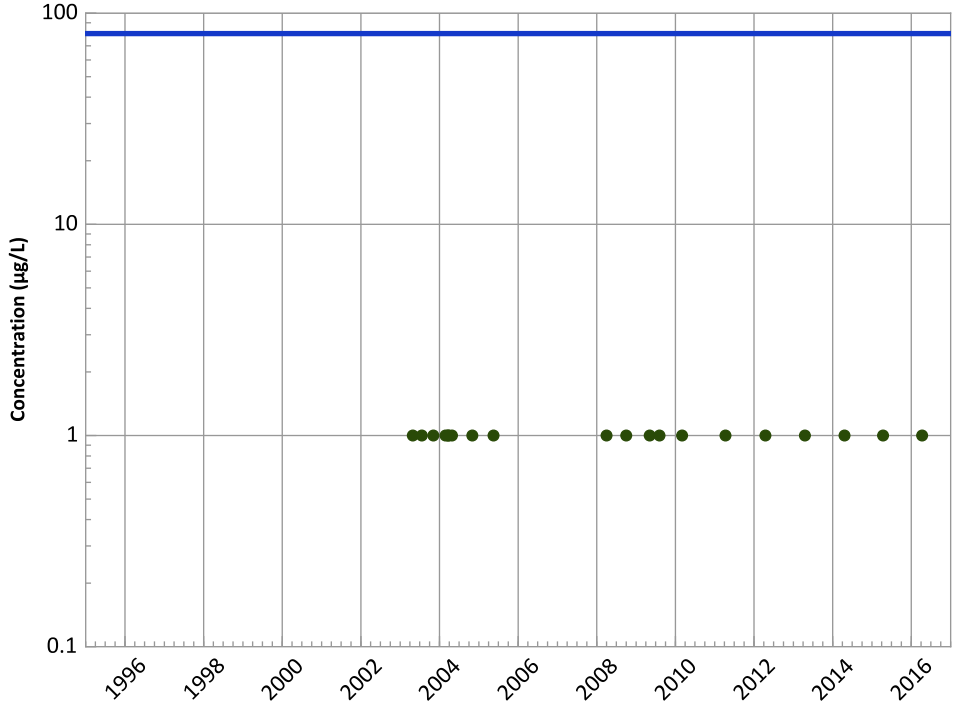


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Chloroform Trend



Concentration Trend

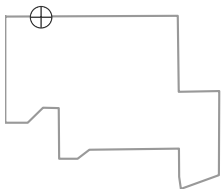
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/28/2003 to 09/20/2016
Analysis Date: 03/07/2017

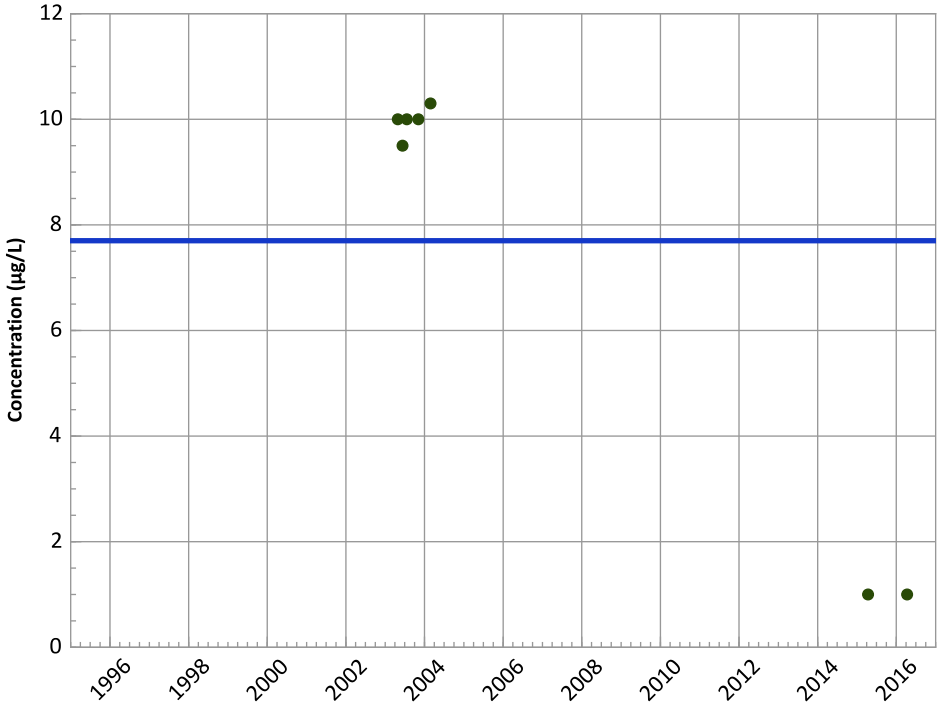
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

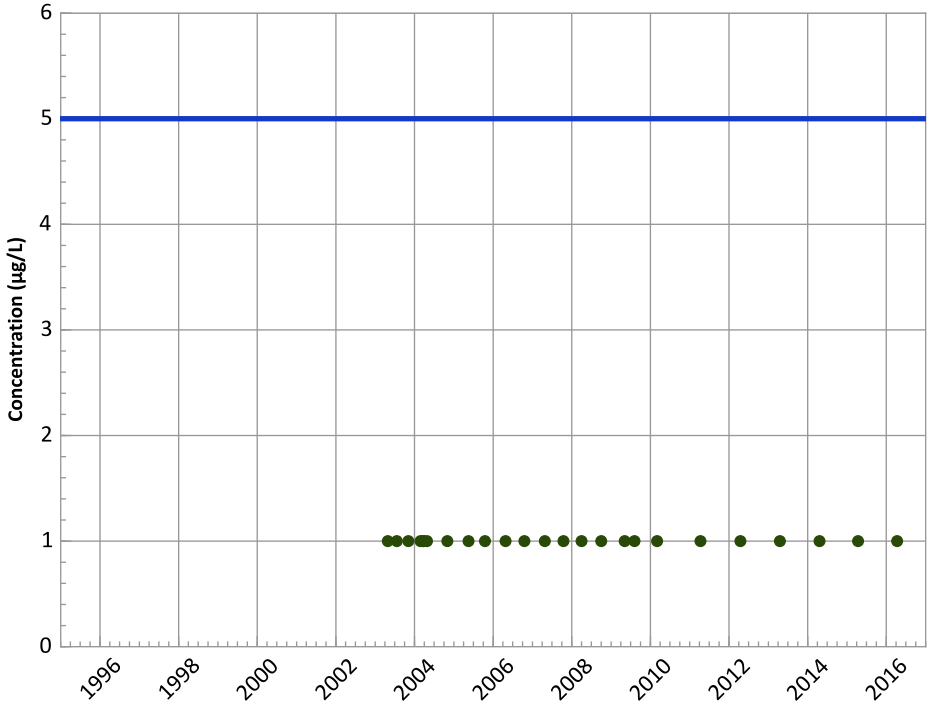


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

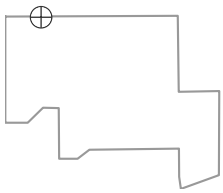
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/28/2003 to 09/20/2016
Analysis Date: 03/07/2017

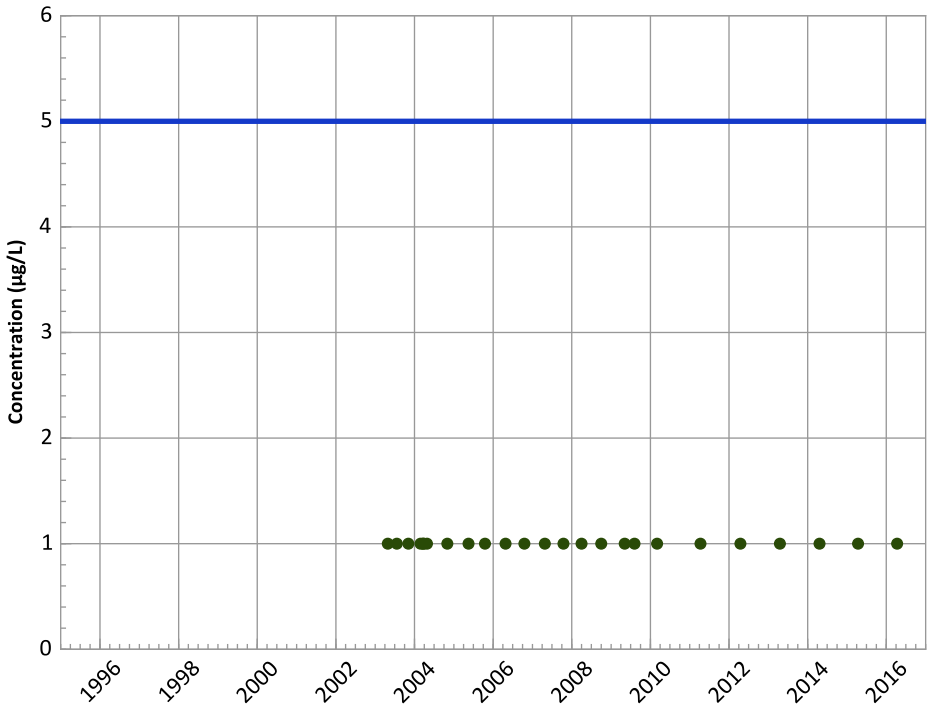
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

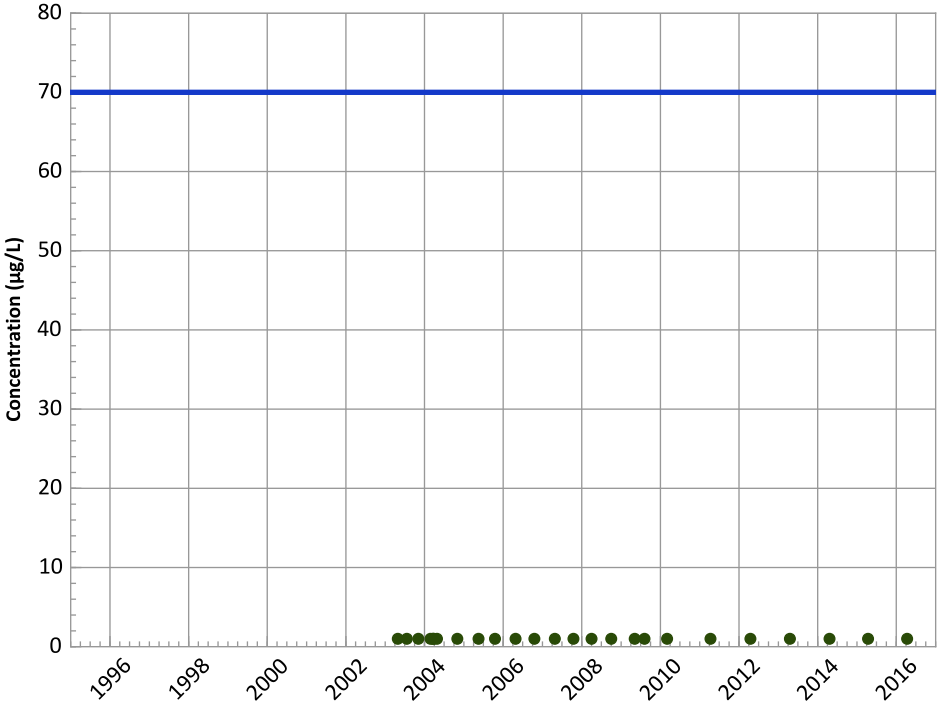


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

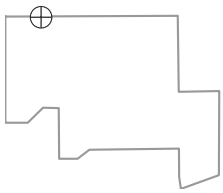
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/28/2003 to 09/20/2016
Analysis Date: 03/07/2017

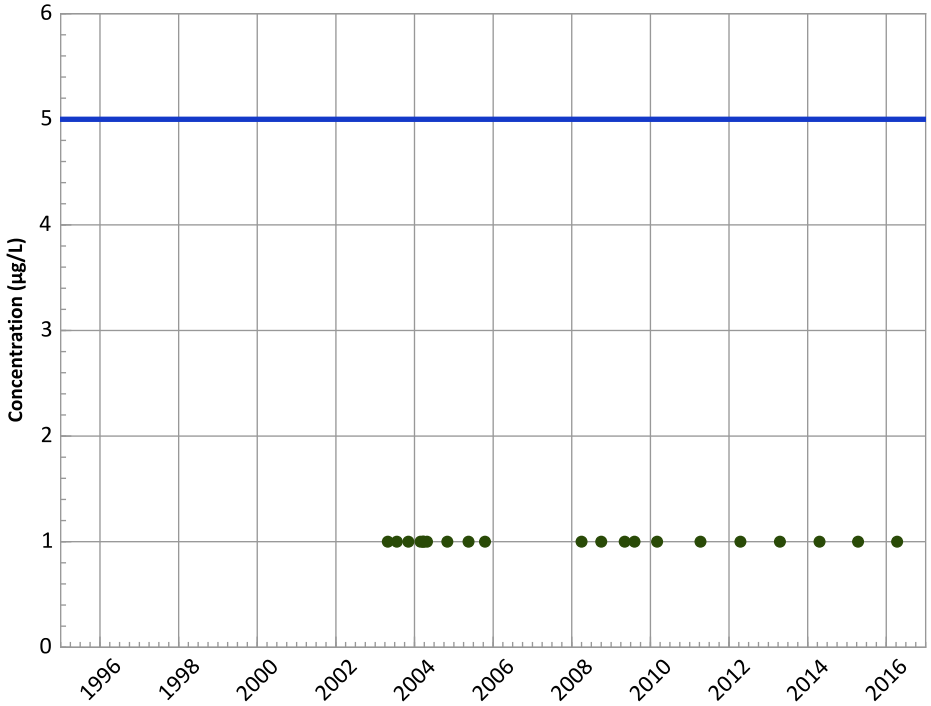
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

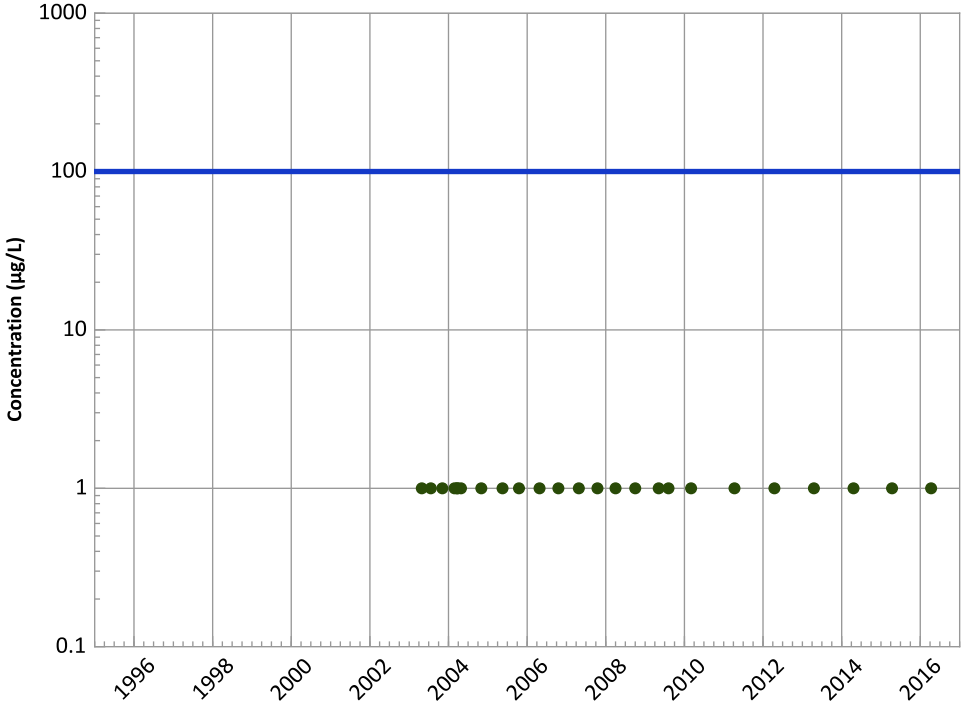


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

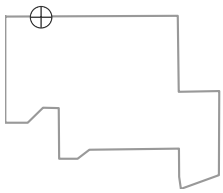
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/28/2003 to 09/20/2016
Analysis Date: 03/07/2017

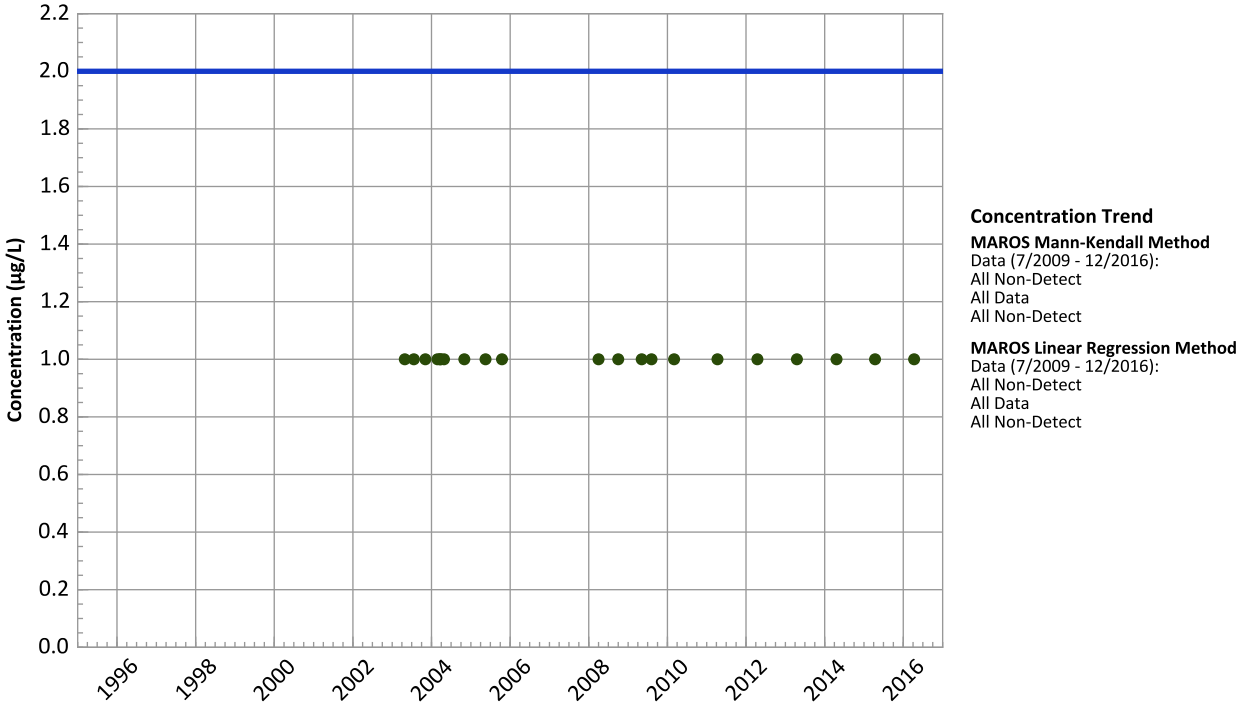
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

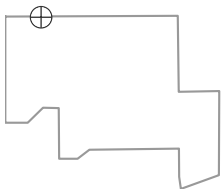
Vinyl Chloride Trend



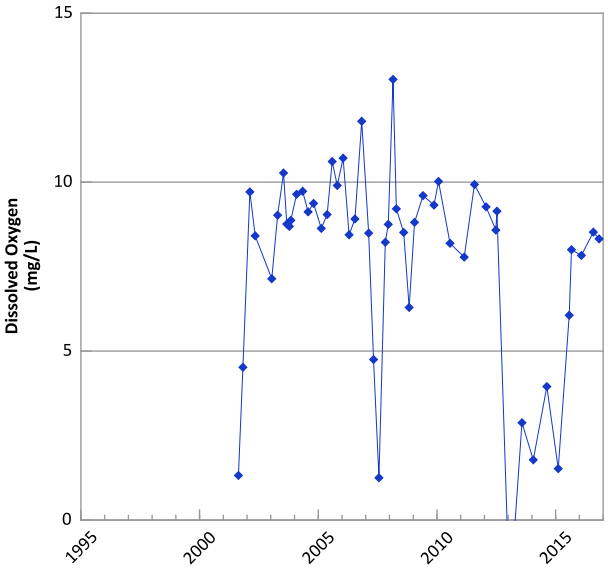
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/28/2003 to 09/20/2016
Analysis Date: 03/07/2017

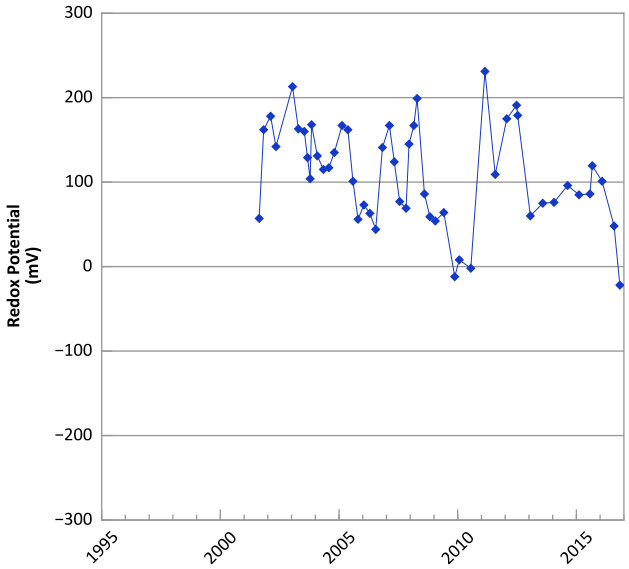
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

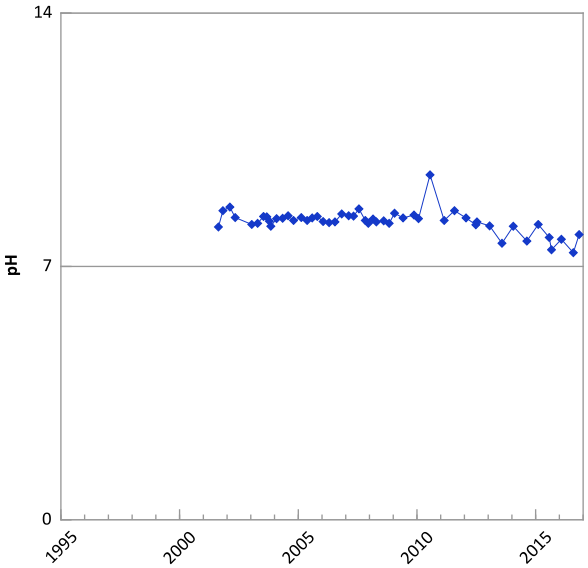
Well Location

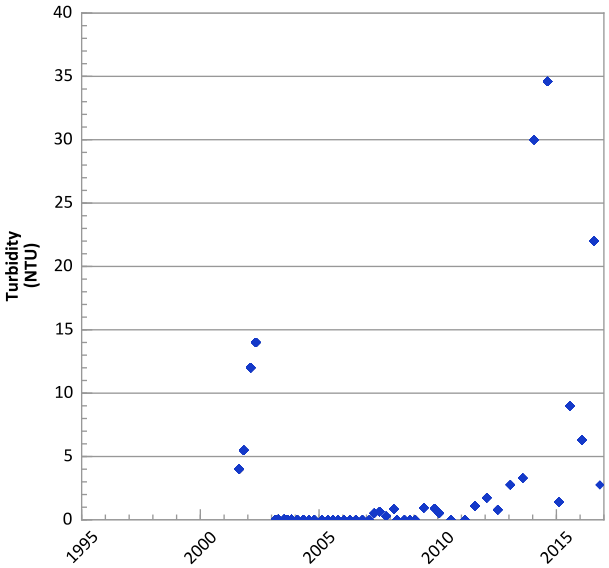


PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



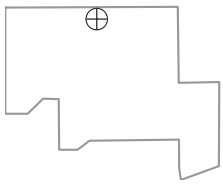






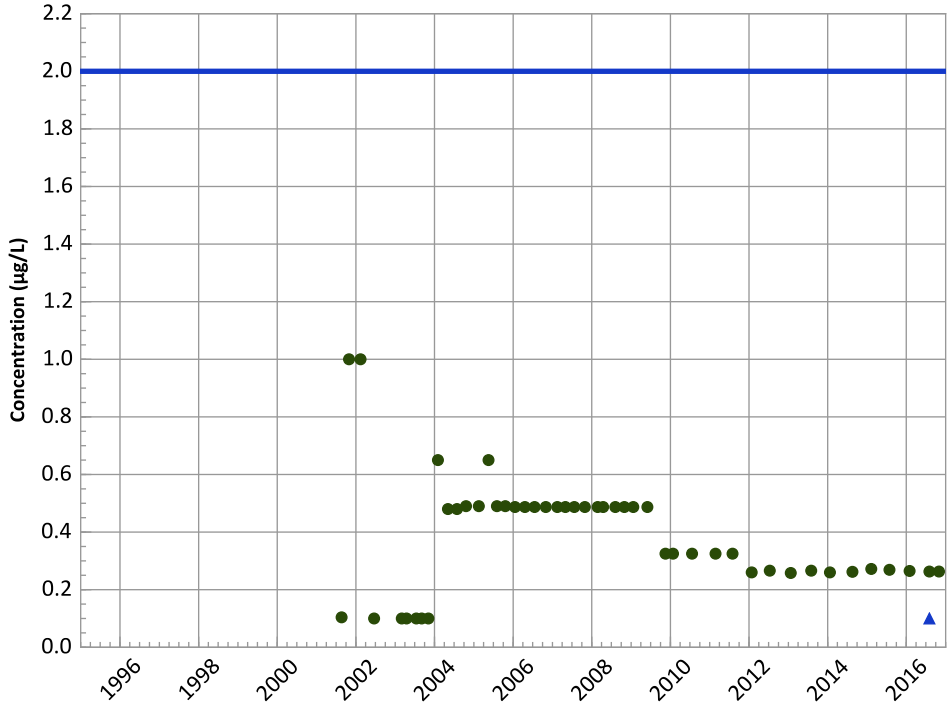
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

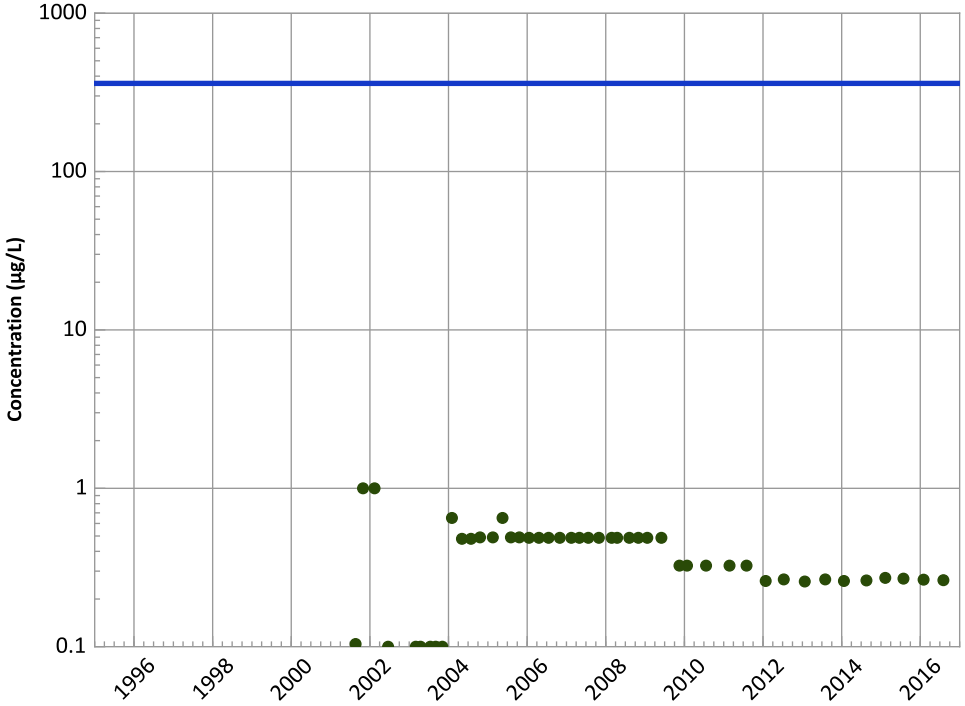


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

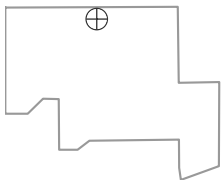
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

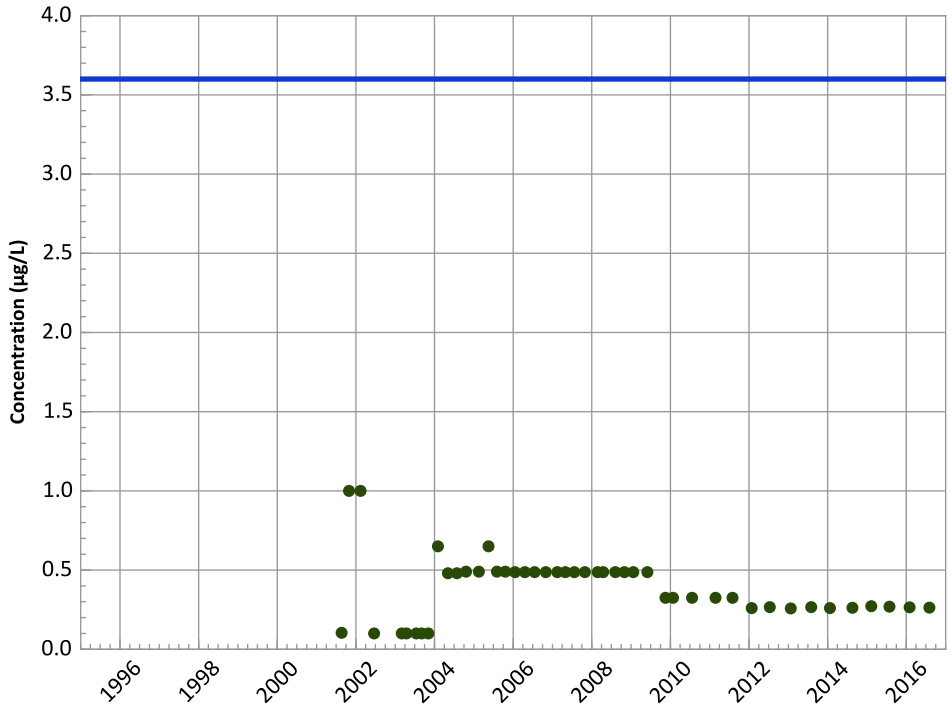
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

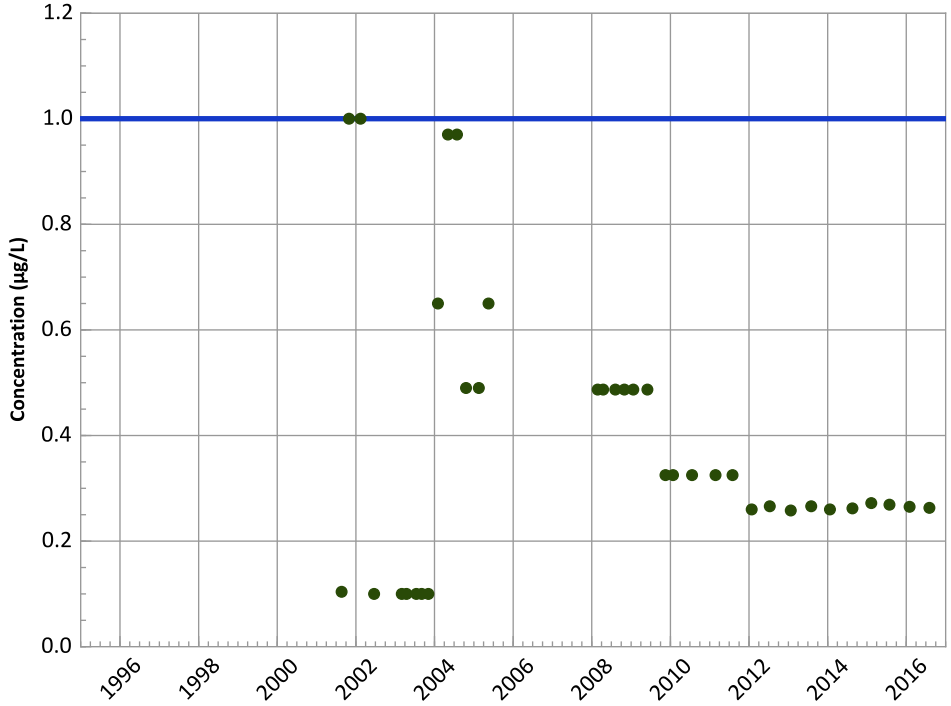


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

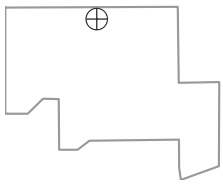
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

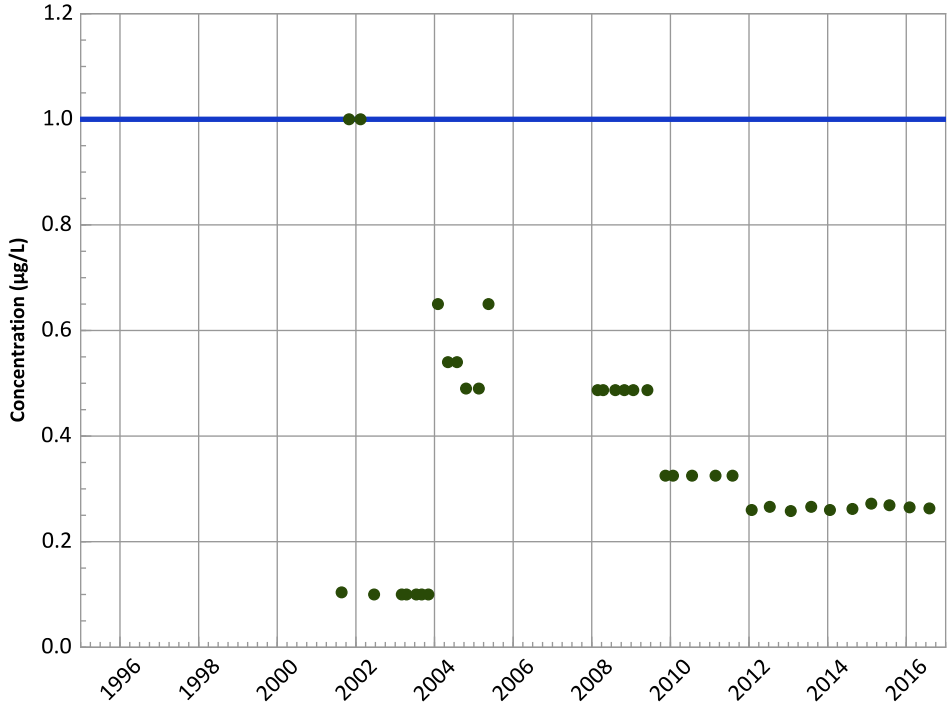
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

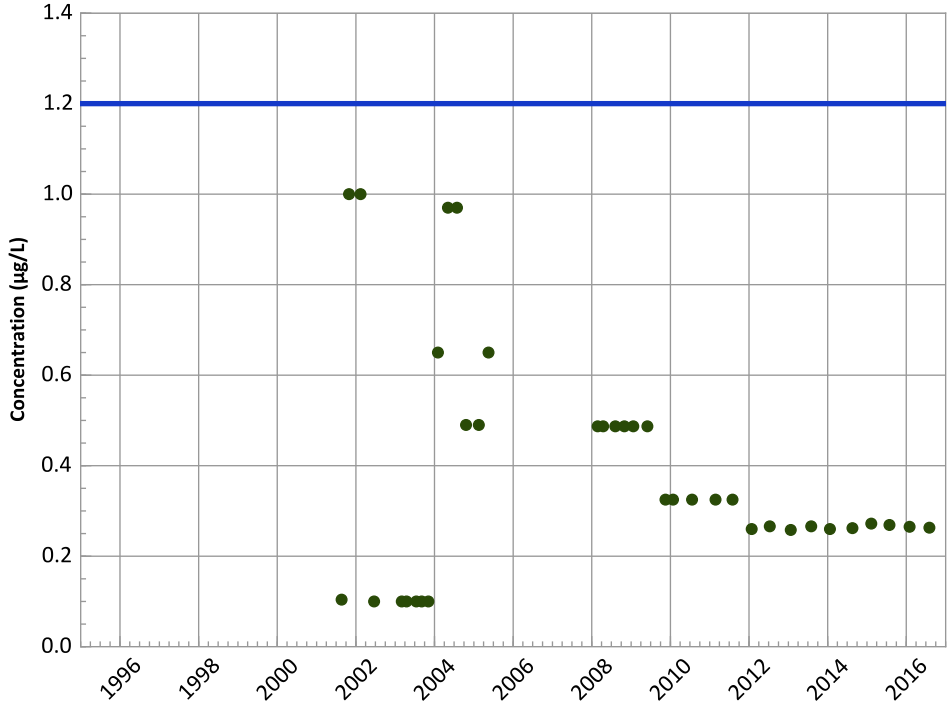


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

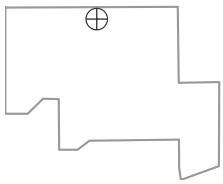
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

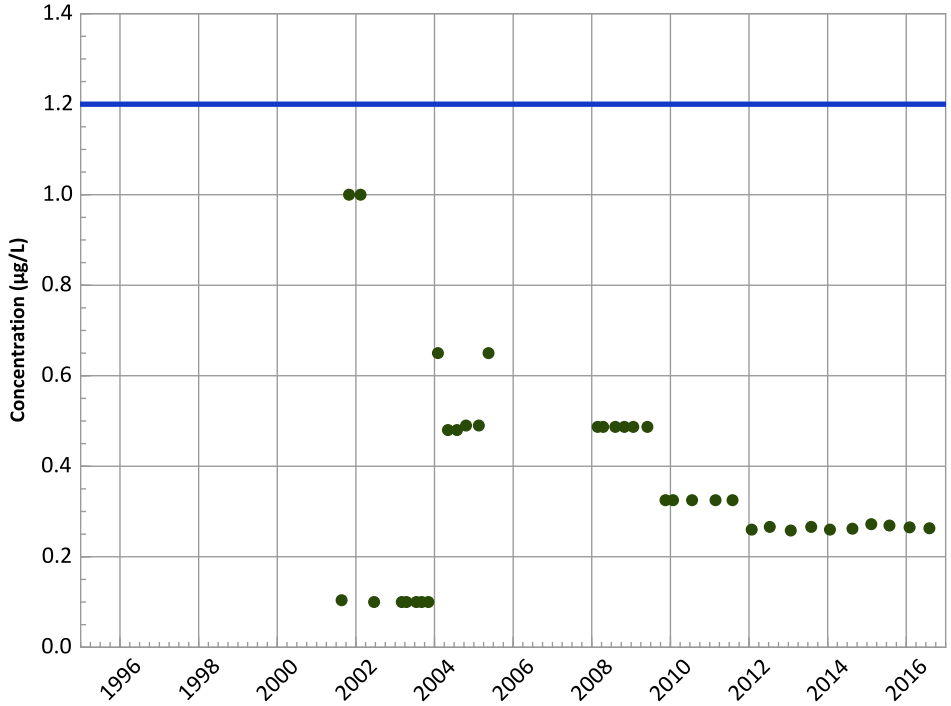
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

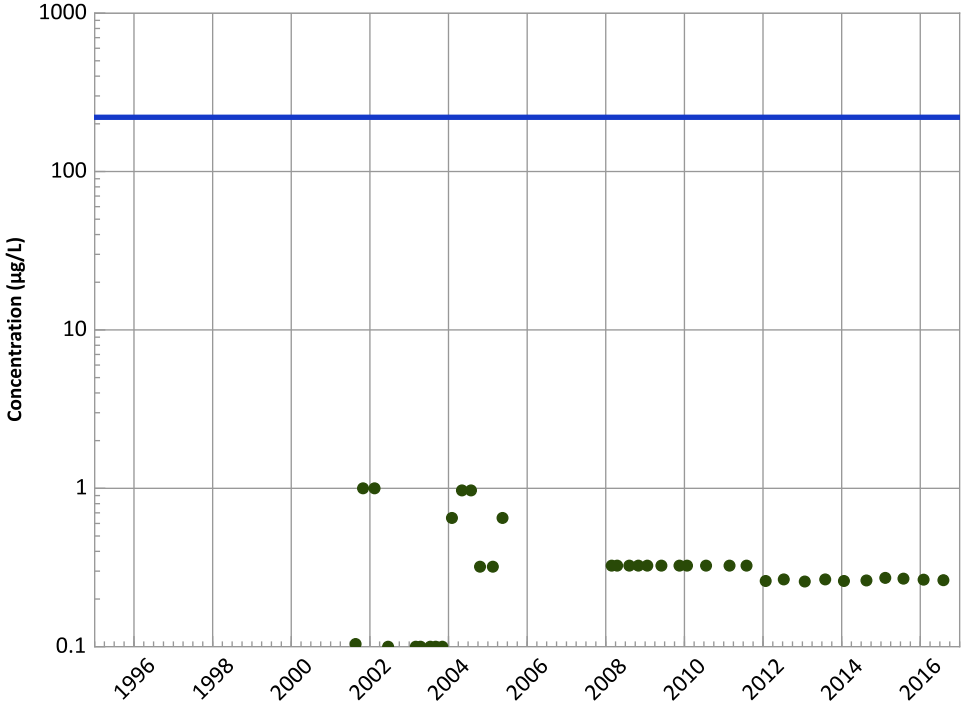


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

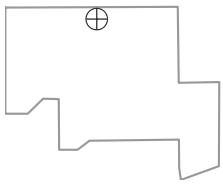
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

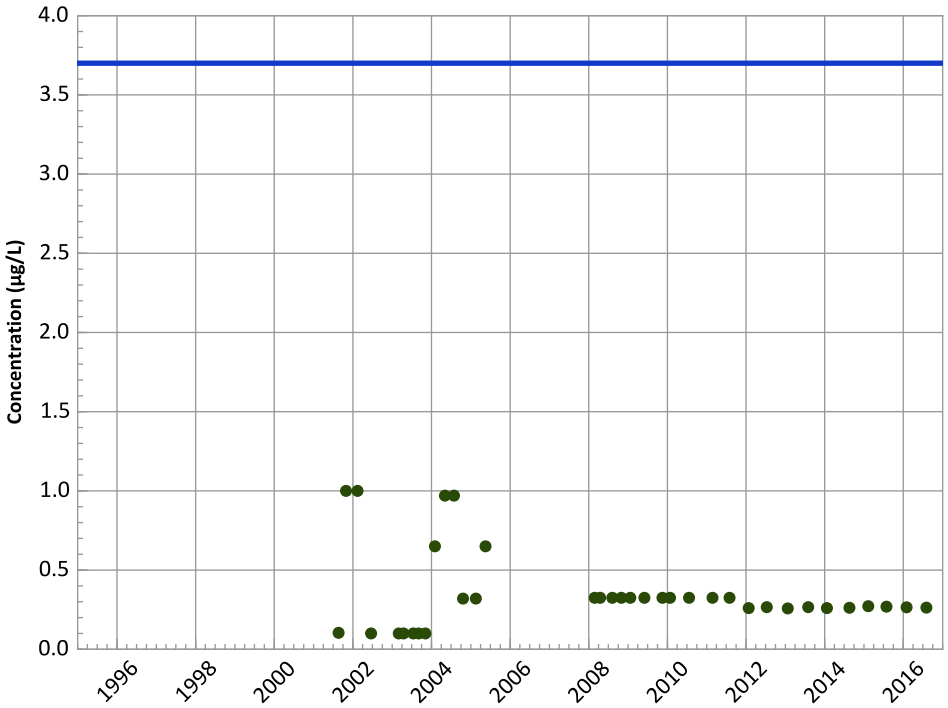
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

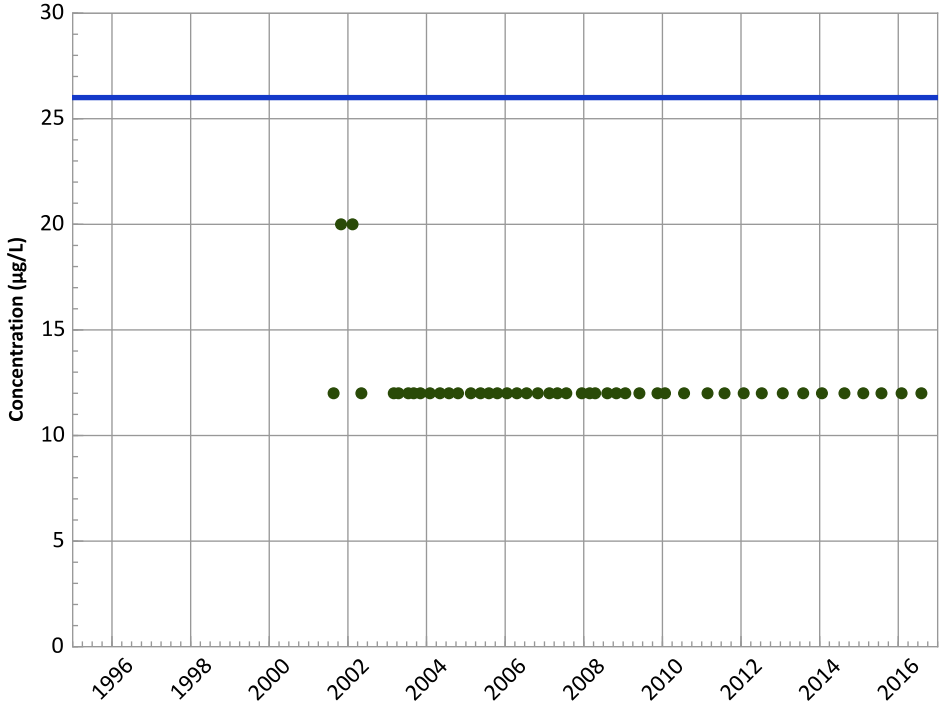


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

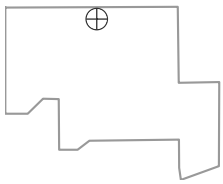
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

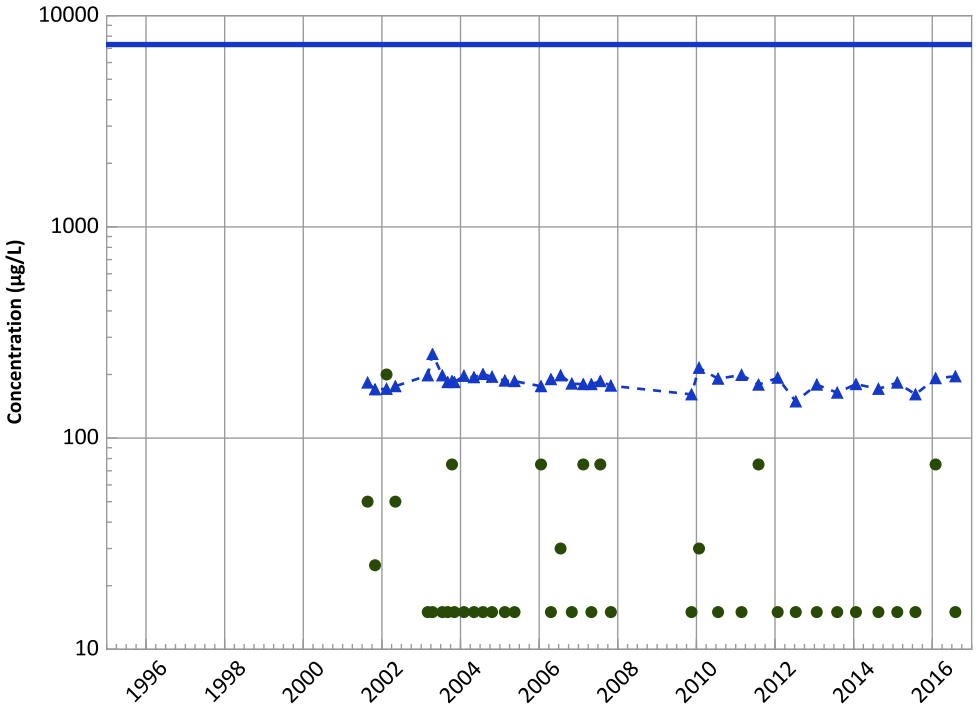
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

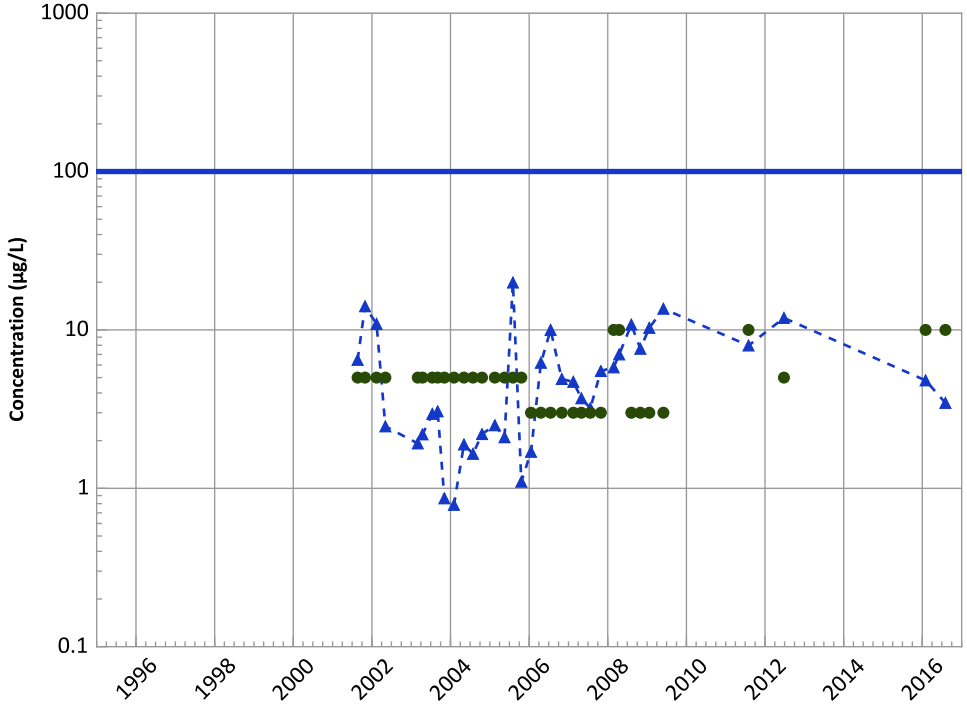


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Decreasing

Chromium, Total Trend



Concentration Trend

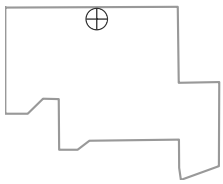
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

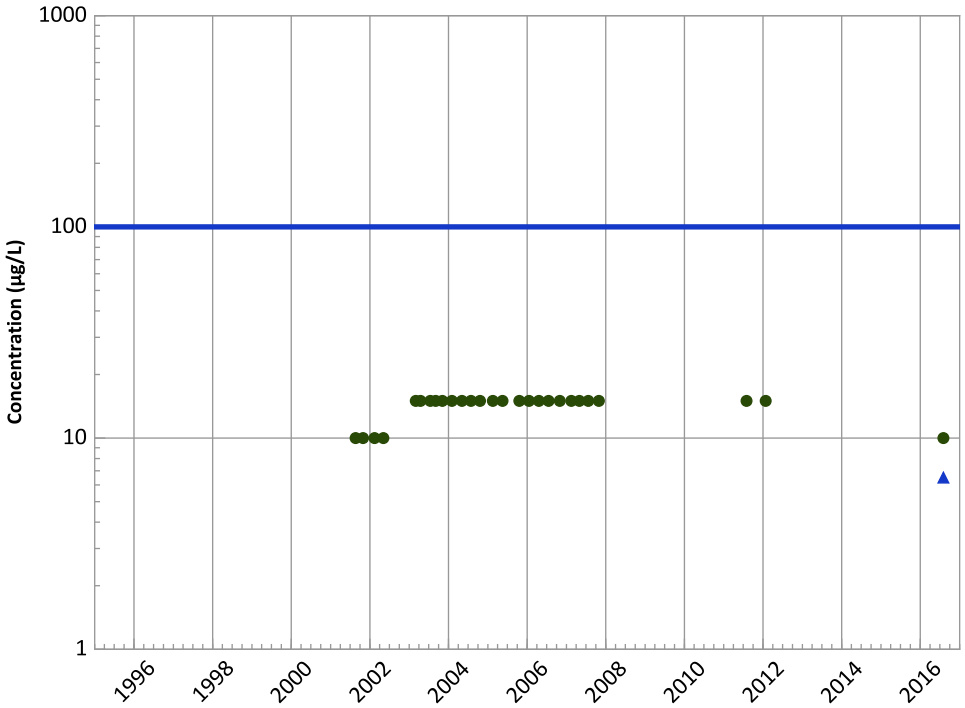
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

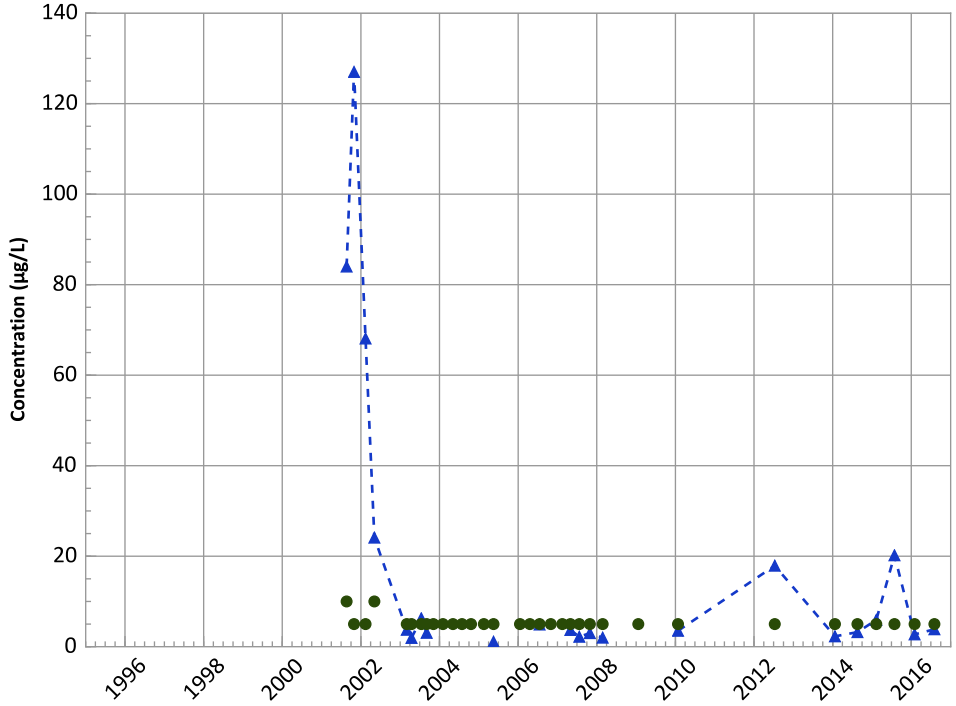


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

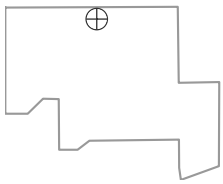
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

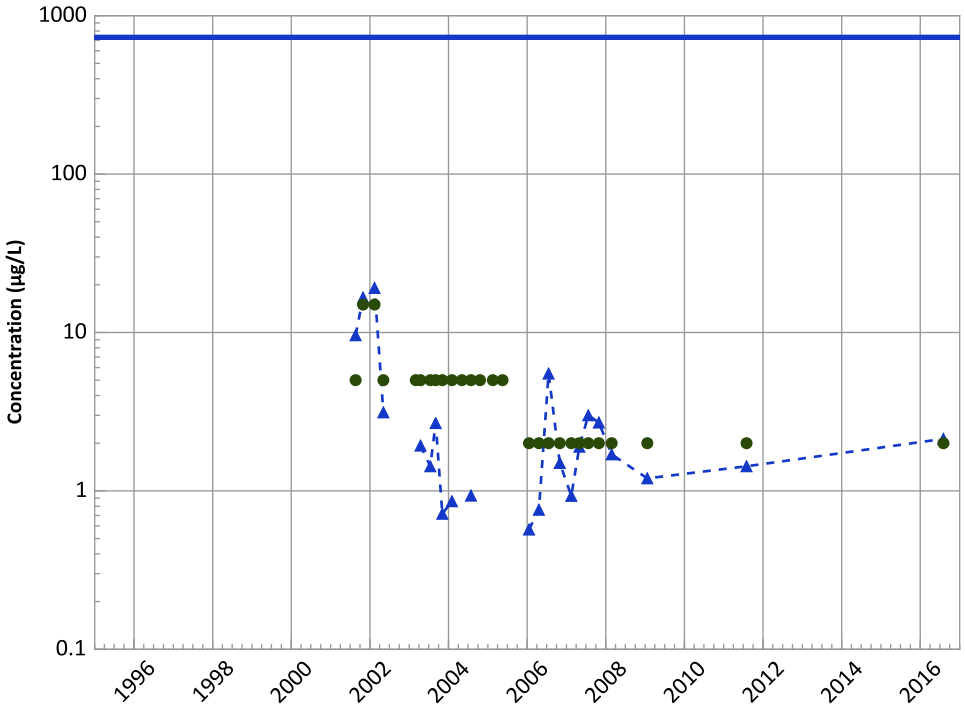
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

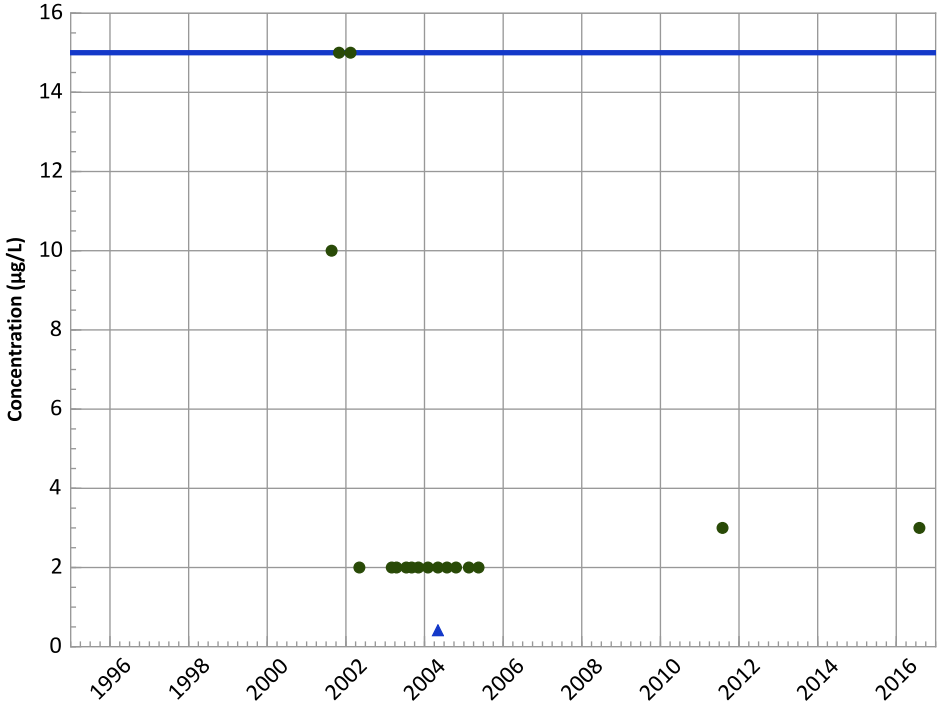


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

Antimony Trend



Concentration Trend

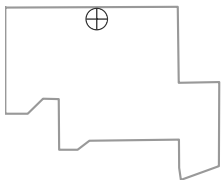
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

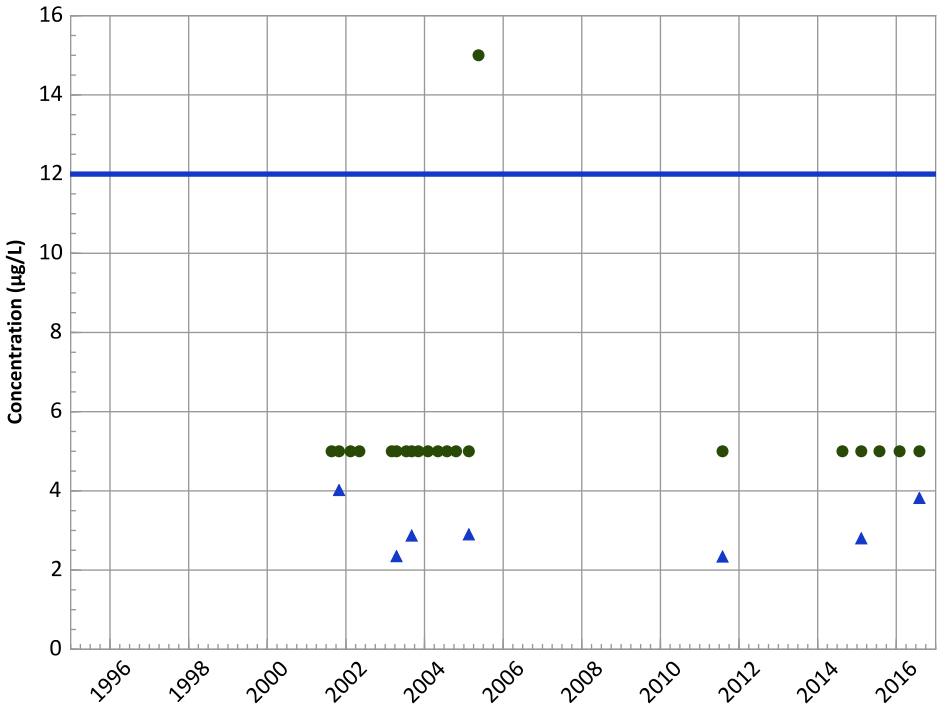
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

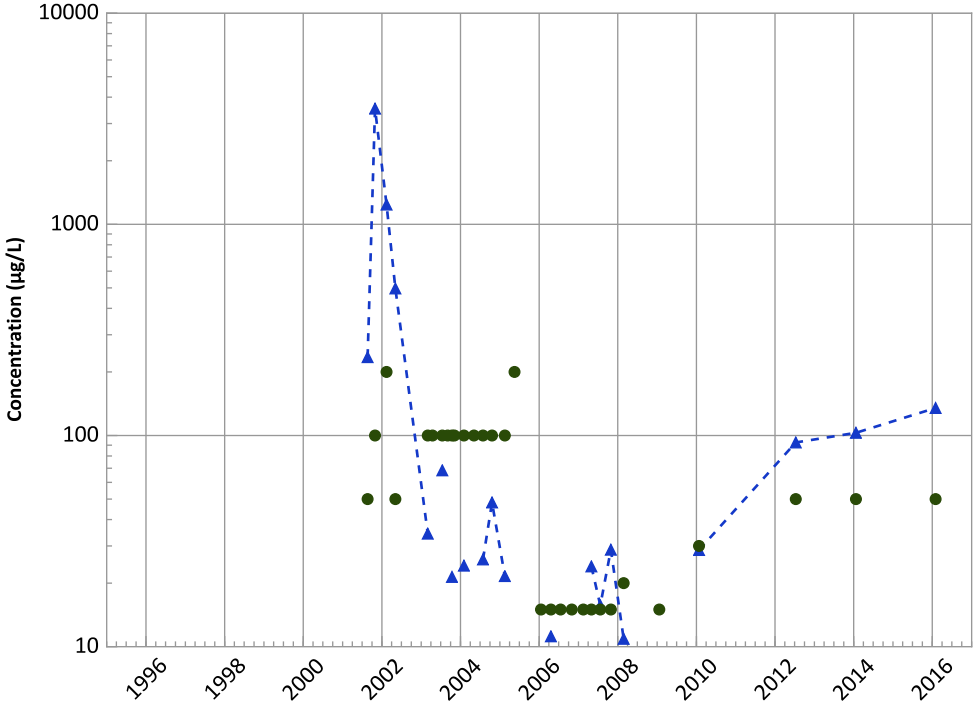


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Aluminum Trend



Concentration Trend

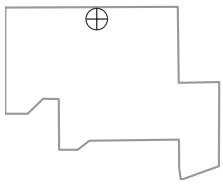
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

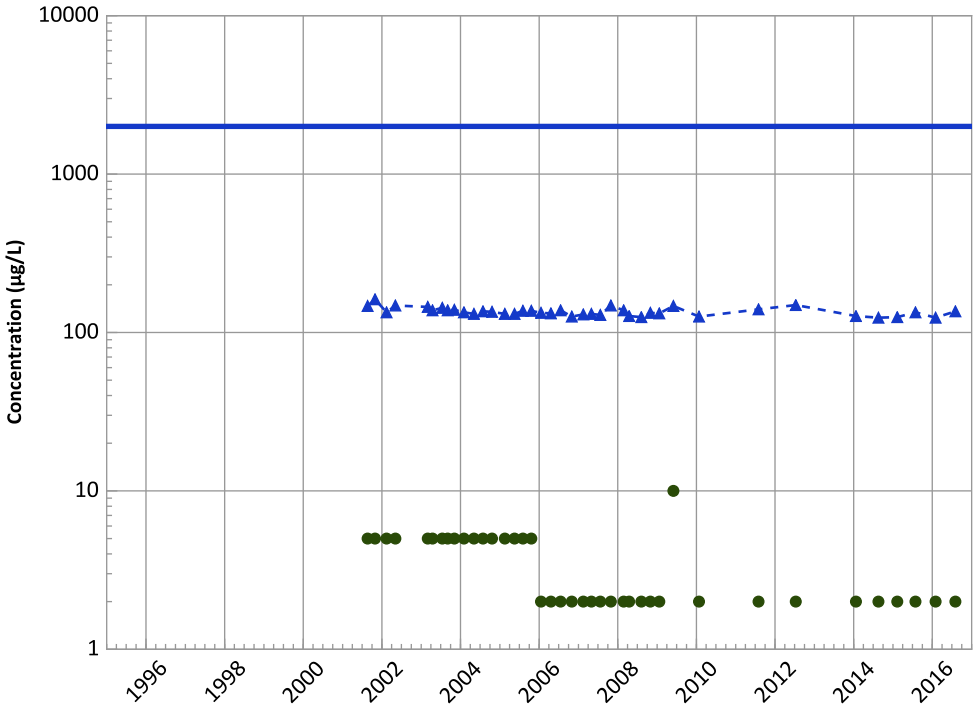
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

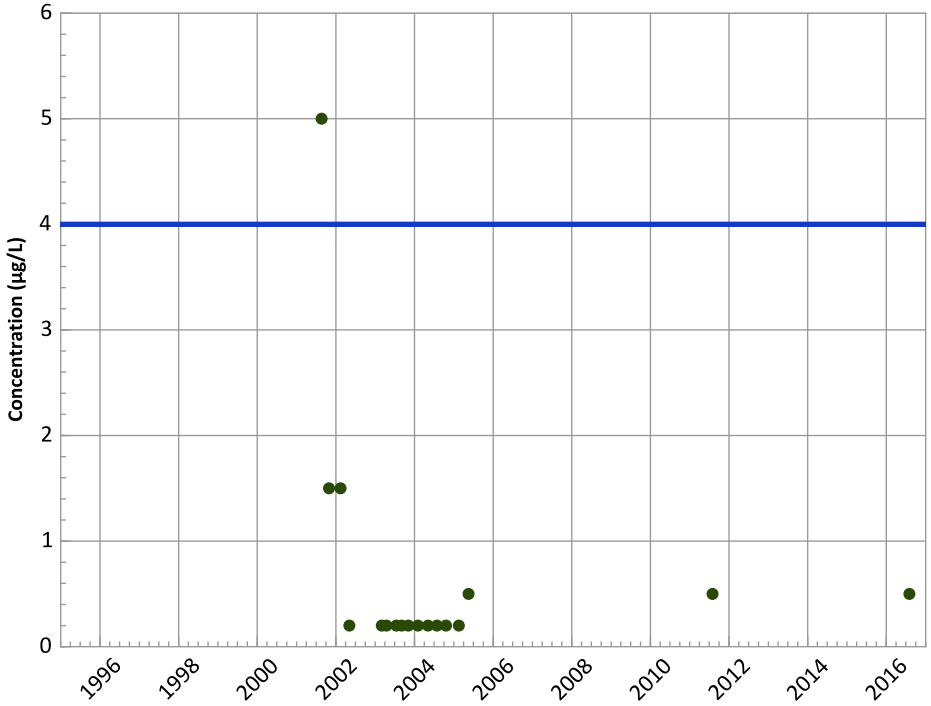


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Beryllium Trend



Concentration Trend

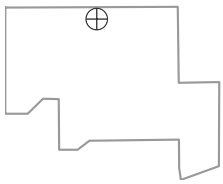
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

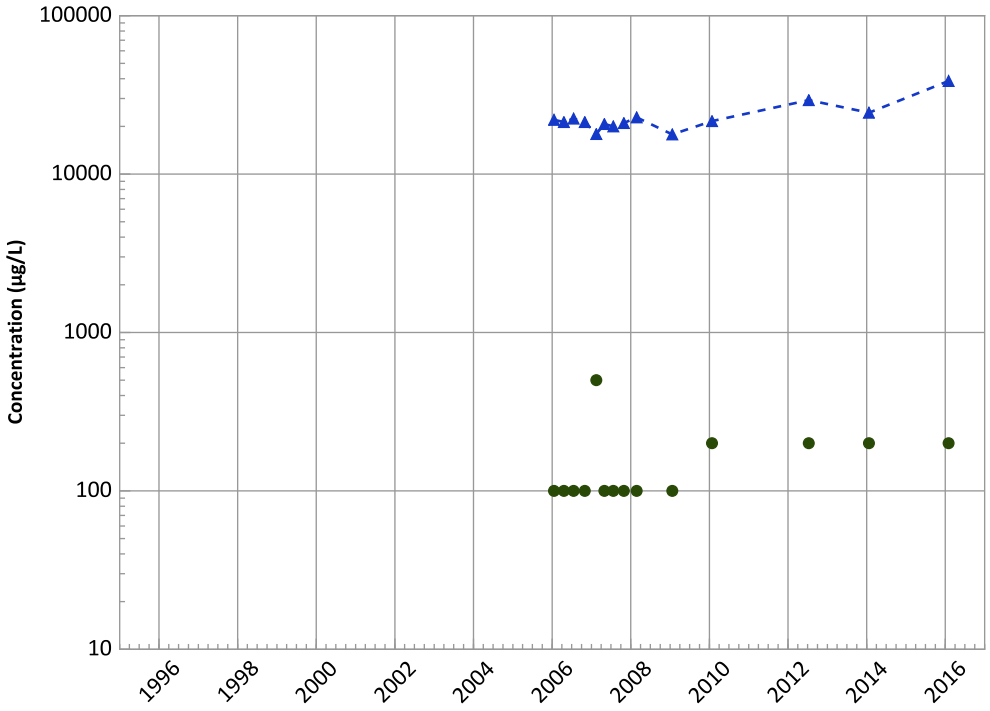
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

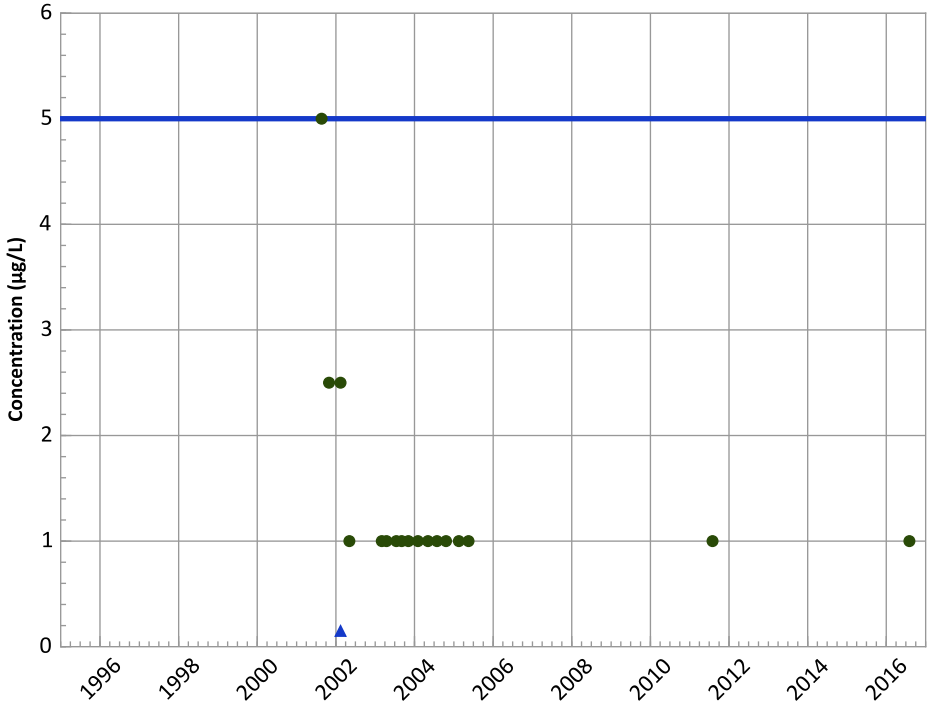


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Increasing

Cadmium Trend



Concentration Trend

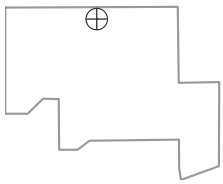
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

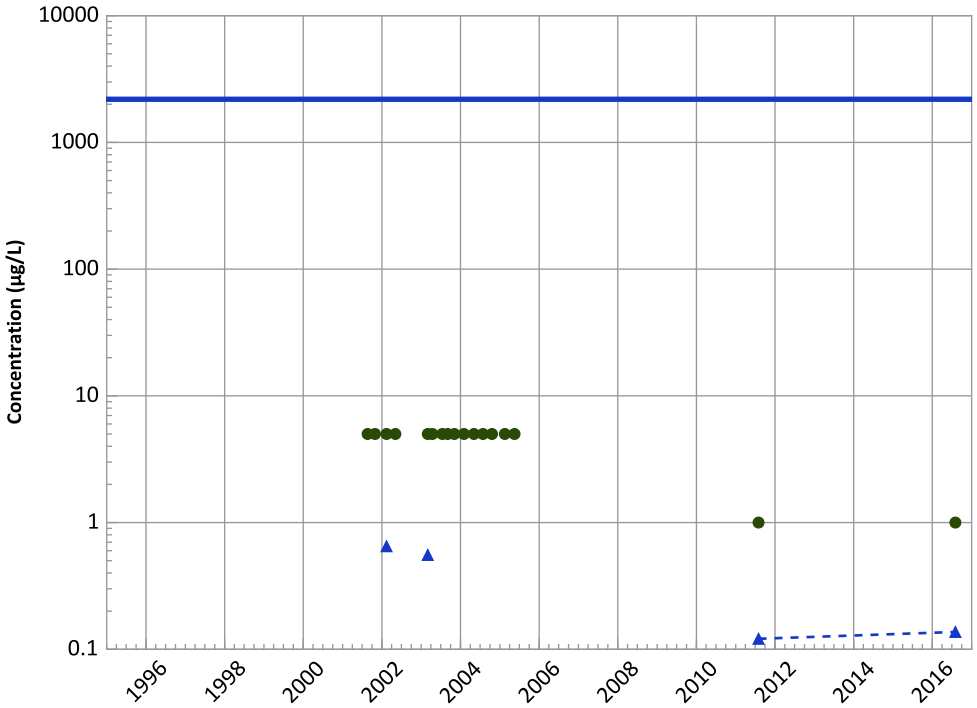
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Cobalt Trend

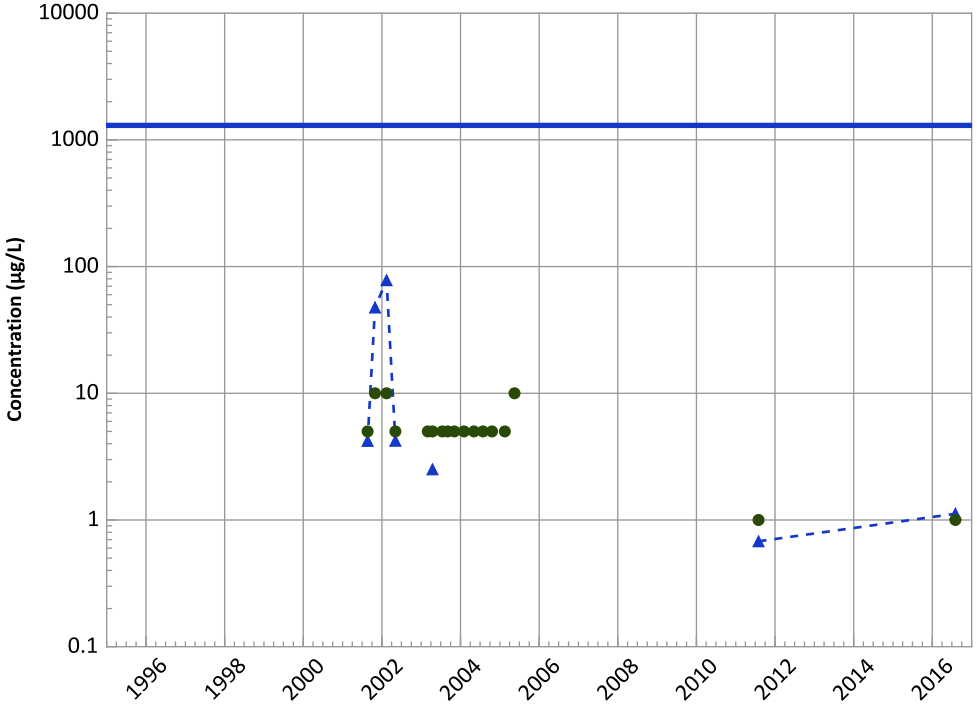


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Copper Trend



Concentration Trend

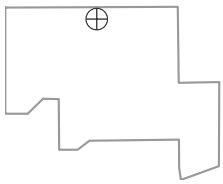
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

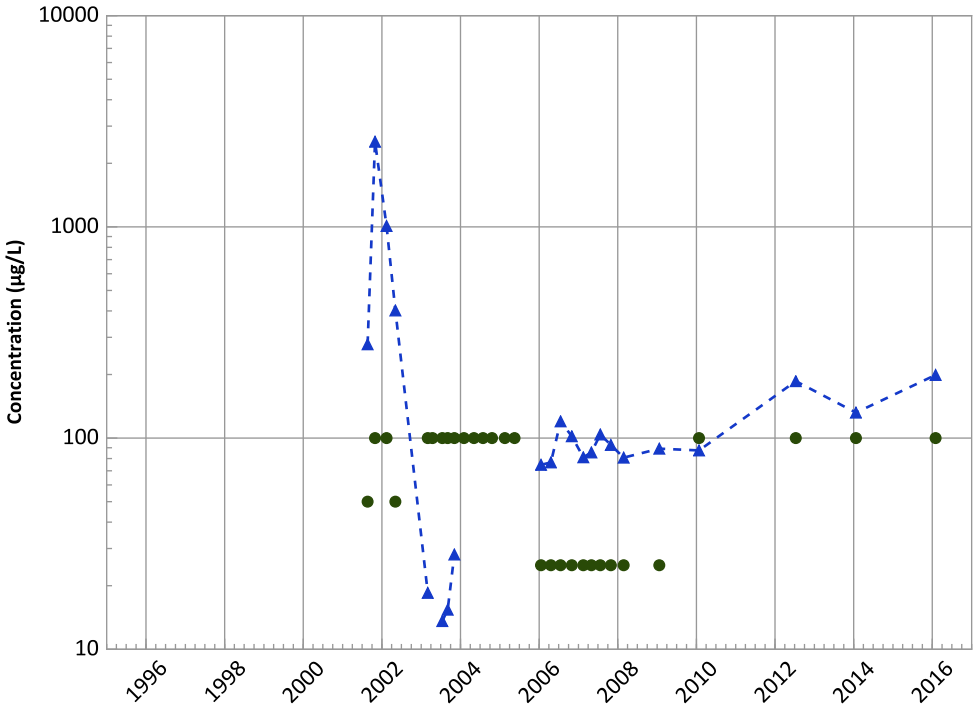
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

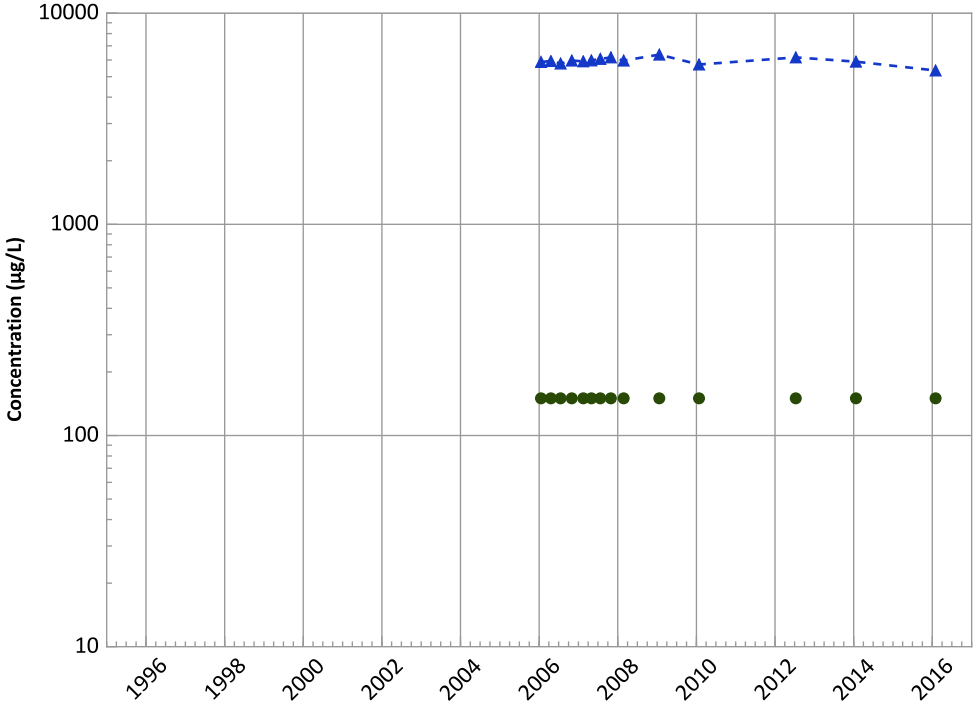


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Potassium Trend



Concentration Trend

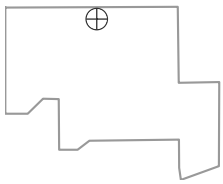
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

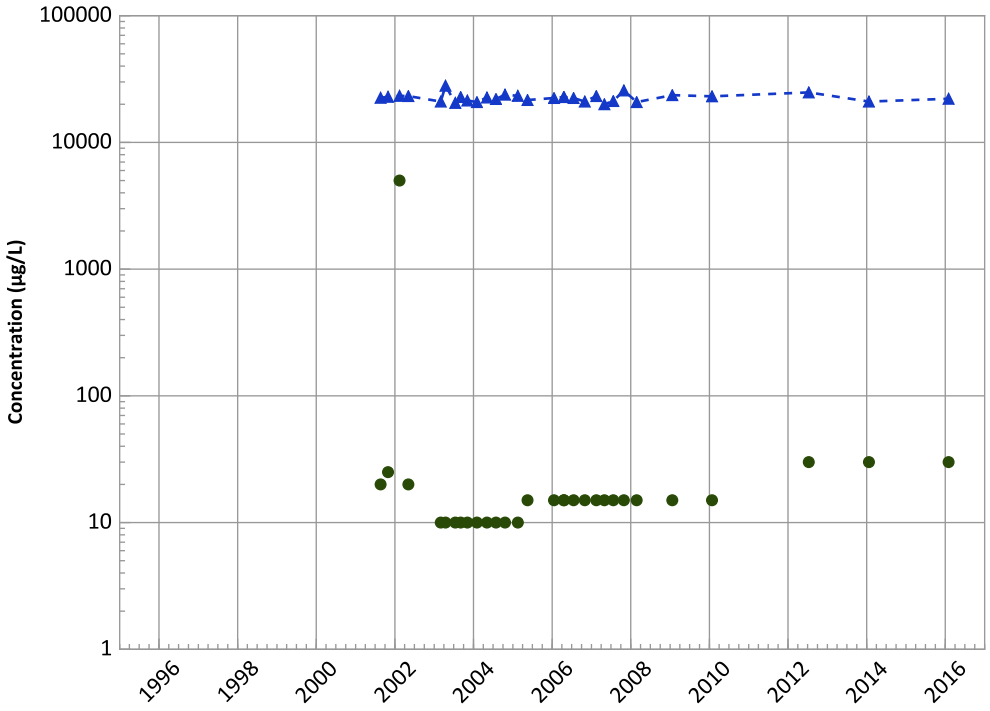
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

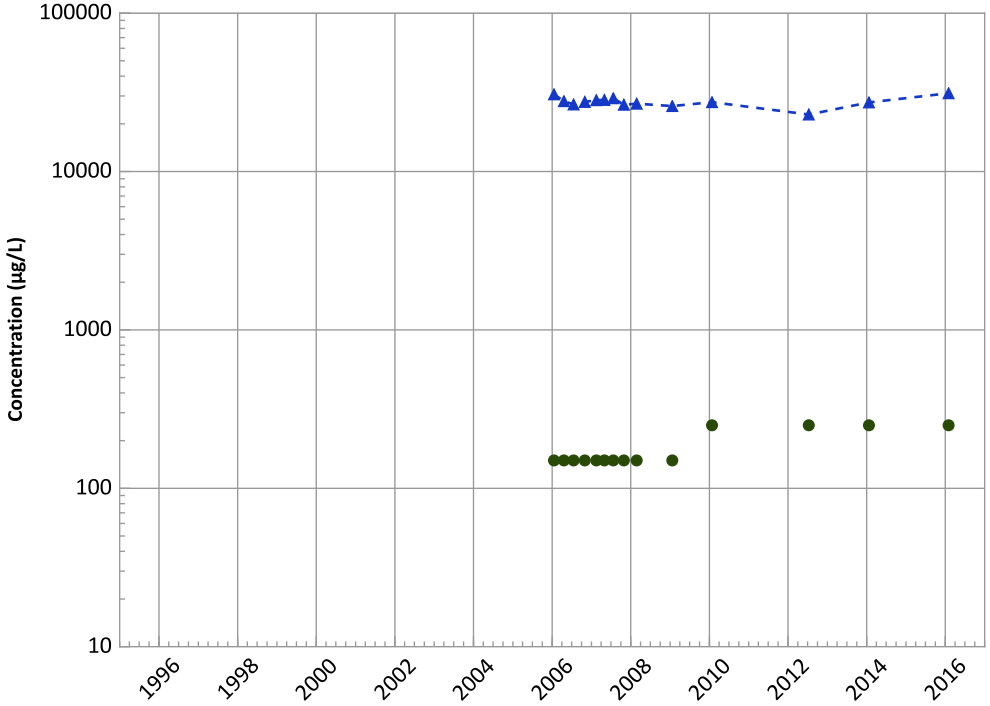


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Sodium Trend



Concentration Trend

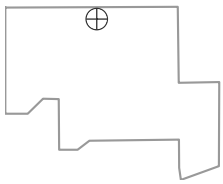
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

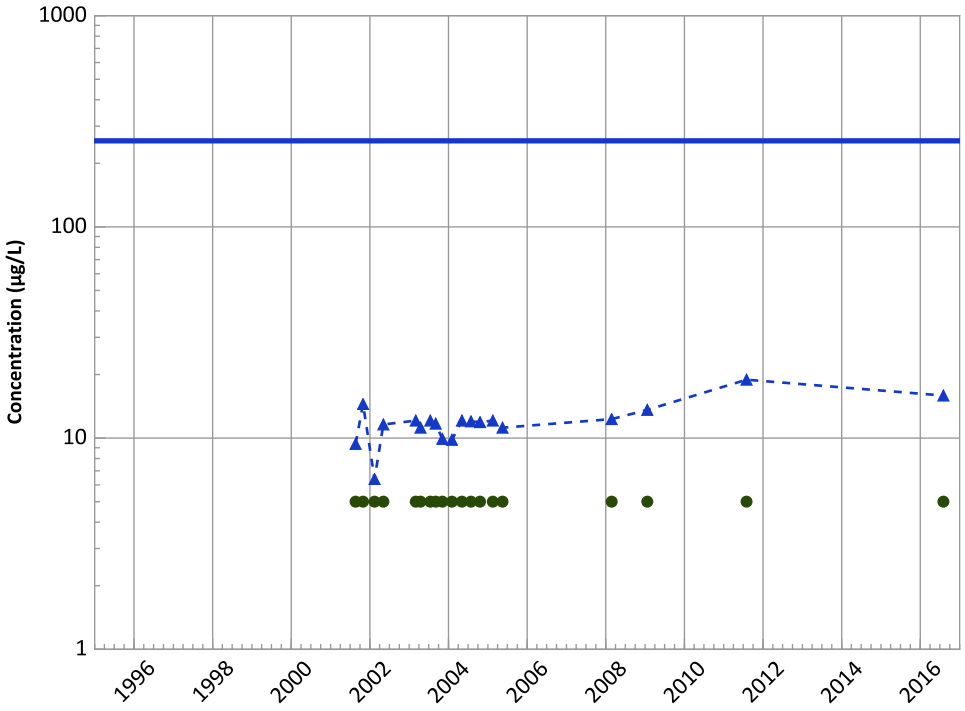
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

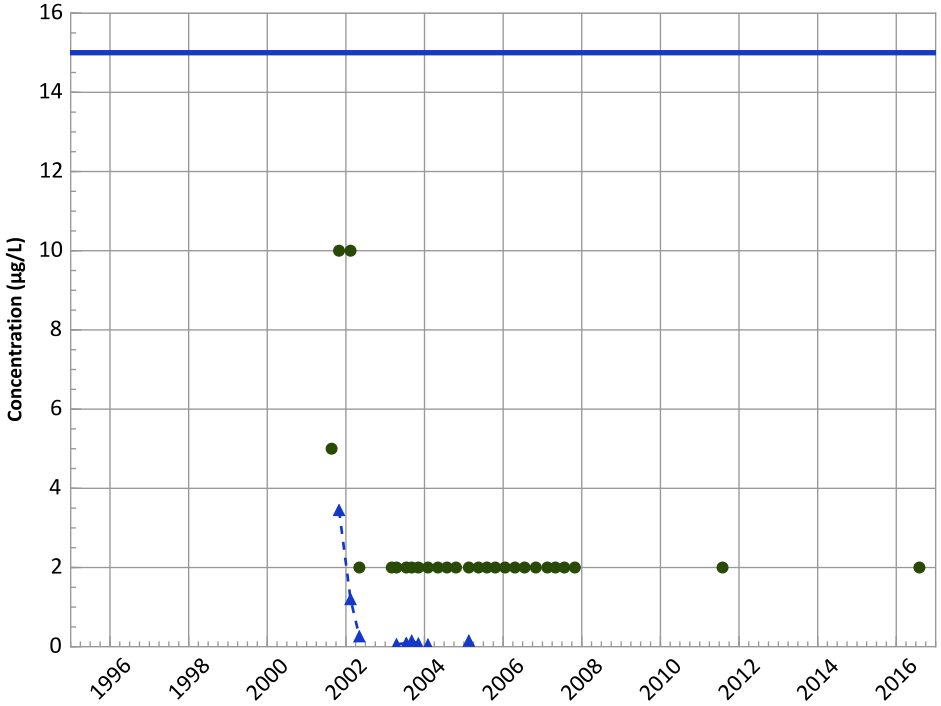


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Lead Trend



Concentration Trend

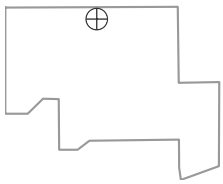
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

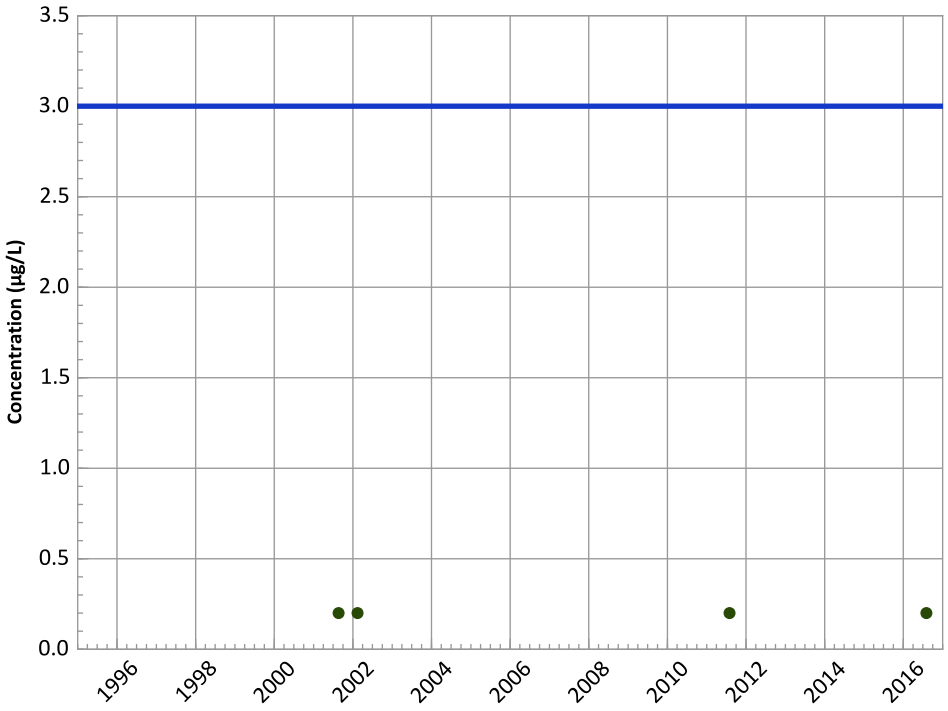
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Mercury Trend

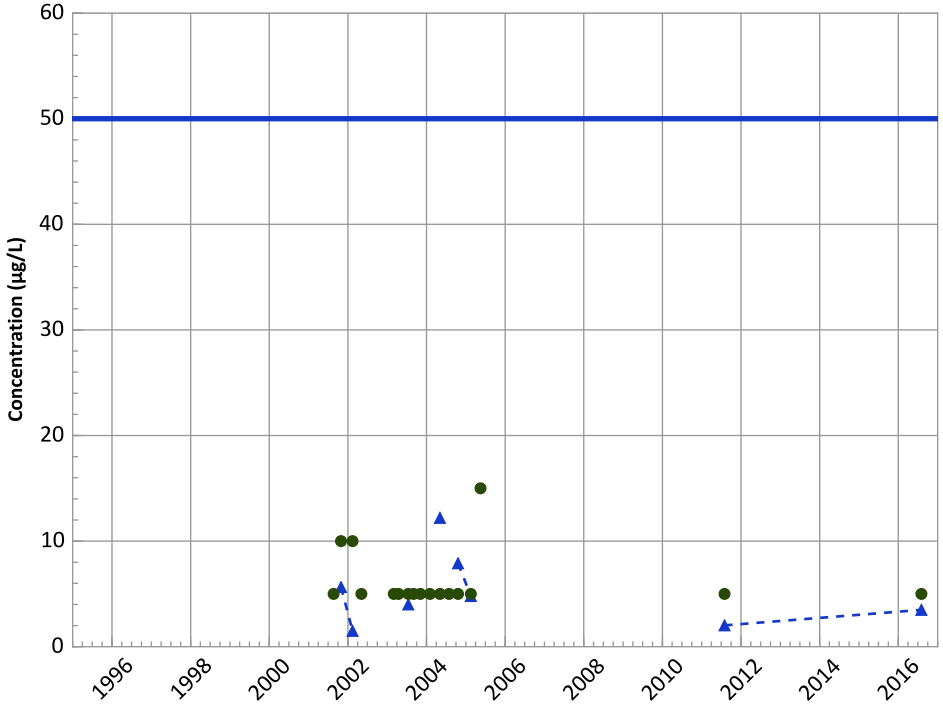


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Selenium Trend



Concentration Trend

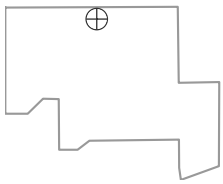
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

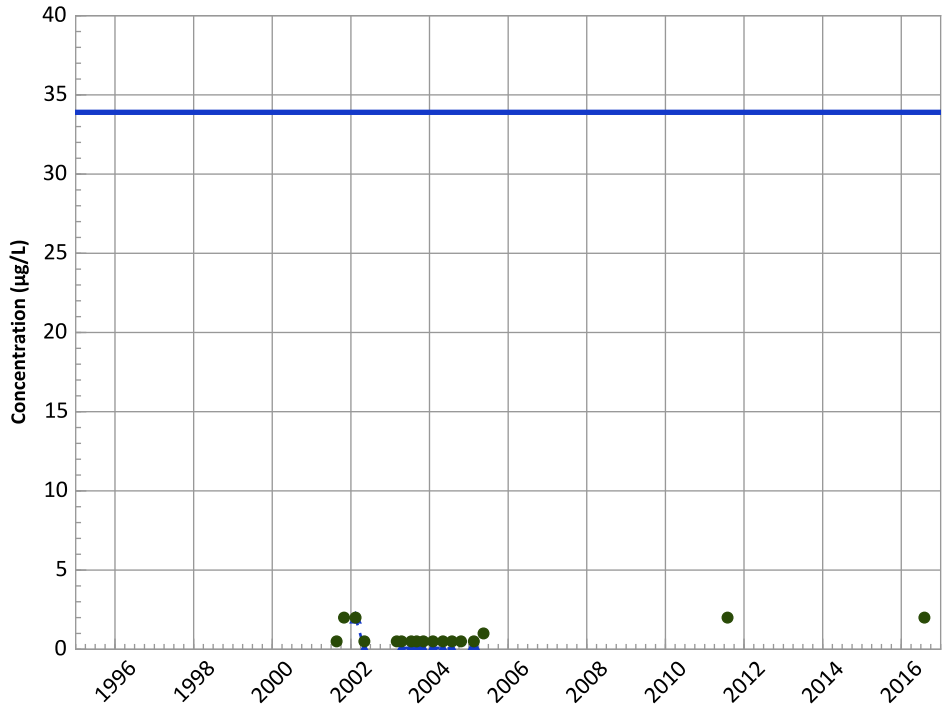
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Thallium Trend

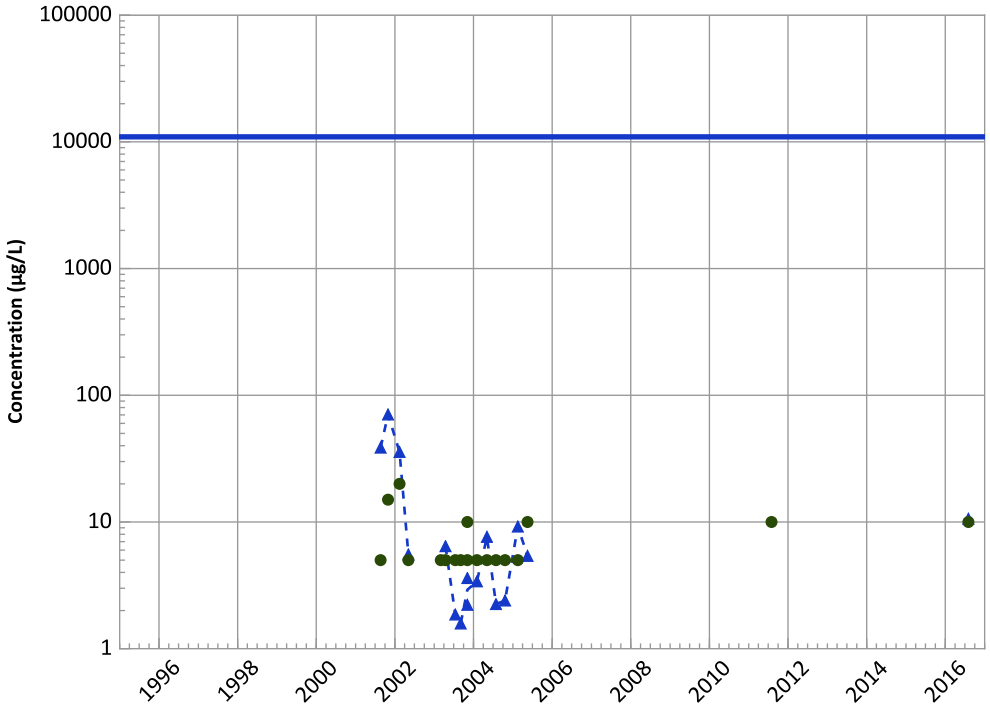


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Zinc Trend



Concentration Trend

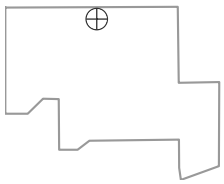
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

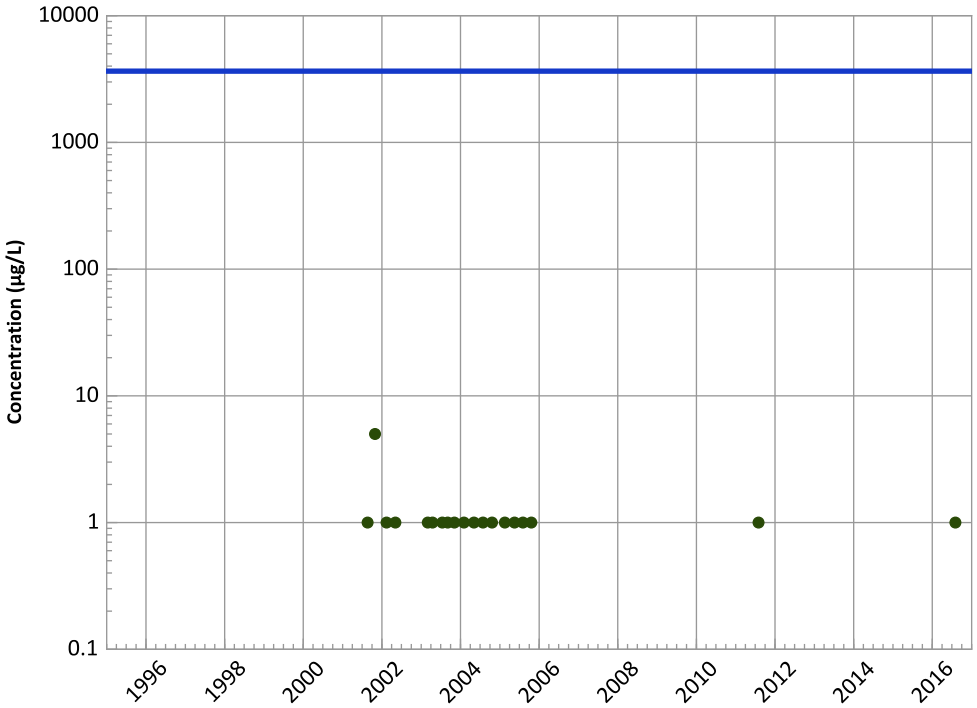
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1-Dichloroethane Trend

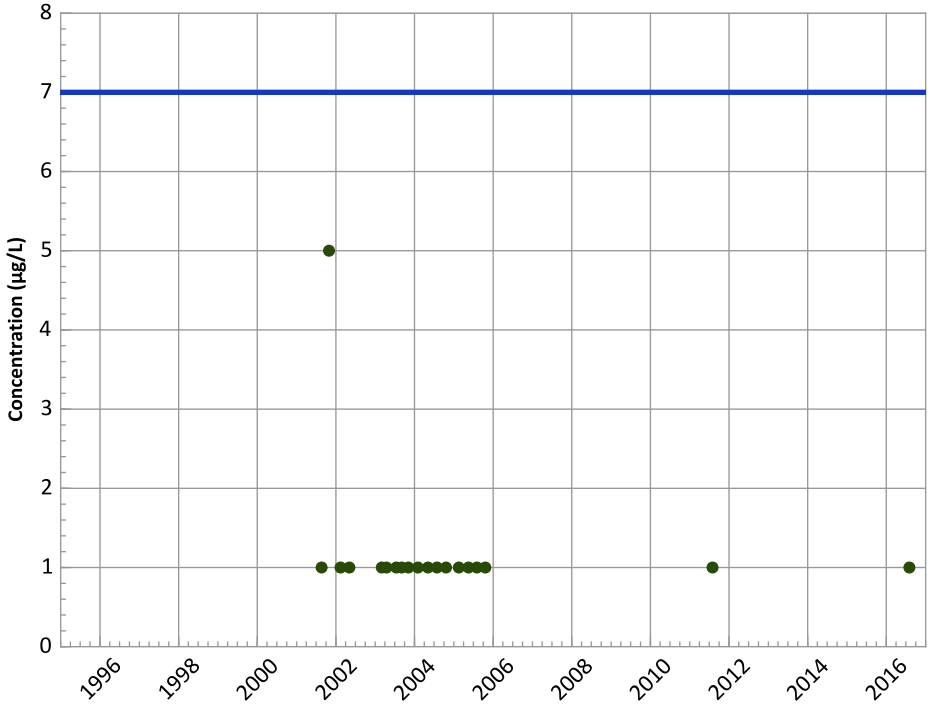


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1-Dichloroethene Trend



Concentration Trend

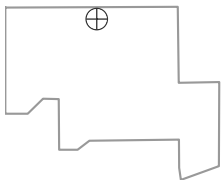
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

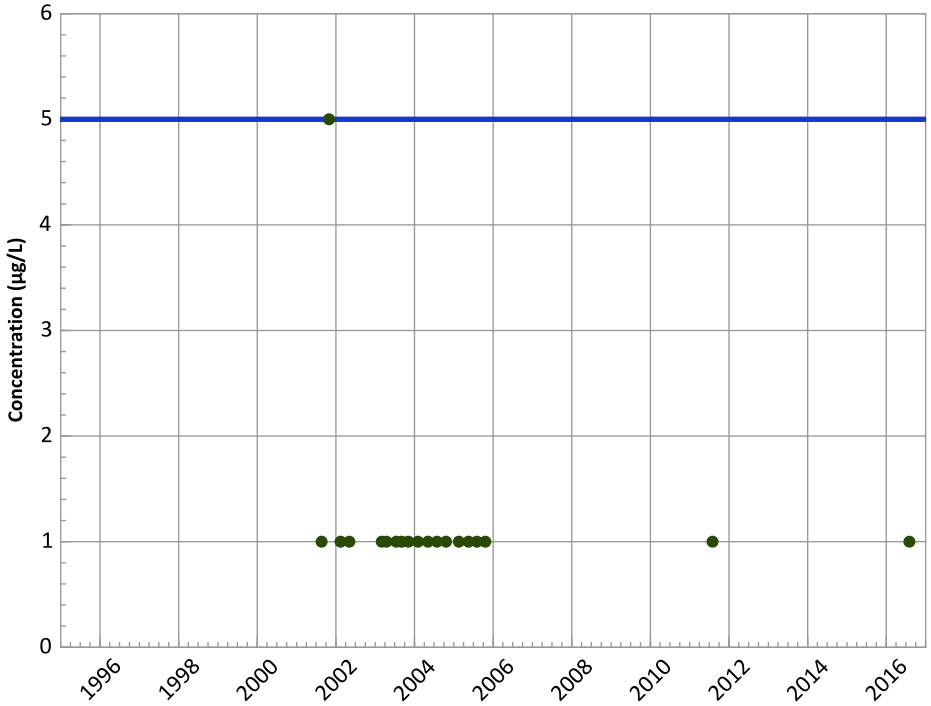
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1,2,2-Tetrachloroethane Trend

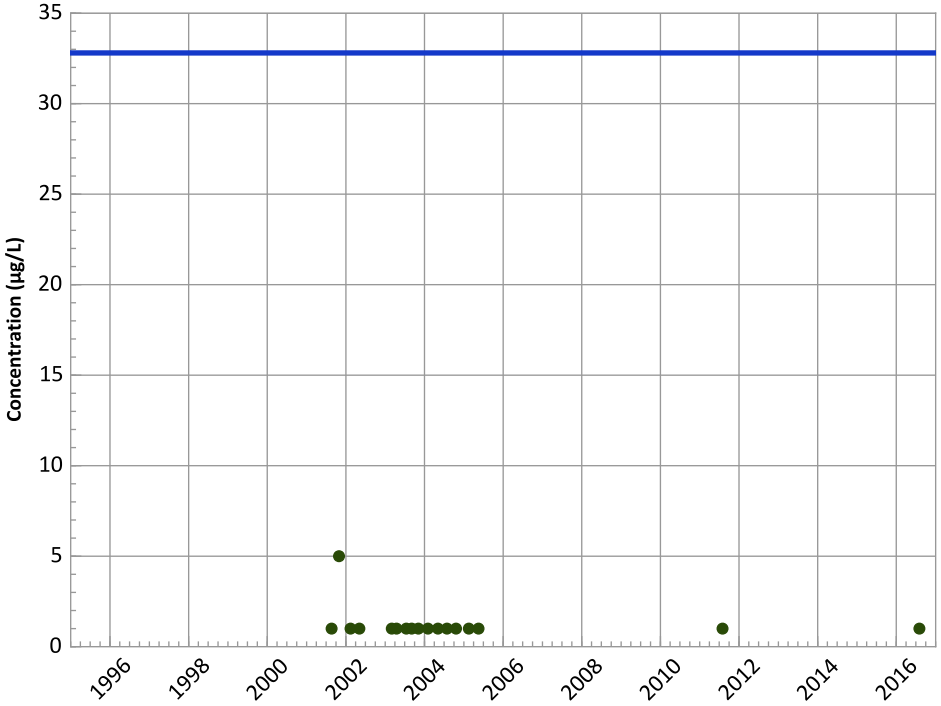


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1,1,2-Tetrachloroethane Trend



Concentration Trend

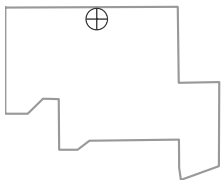
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

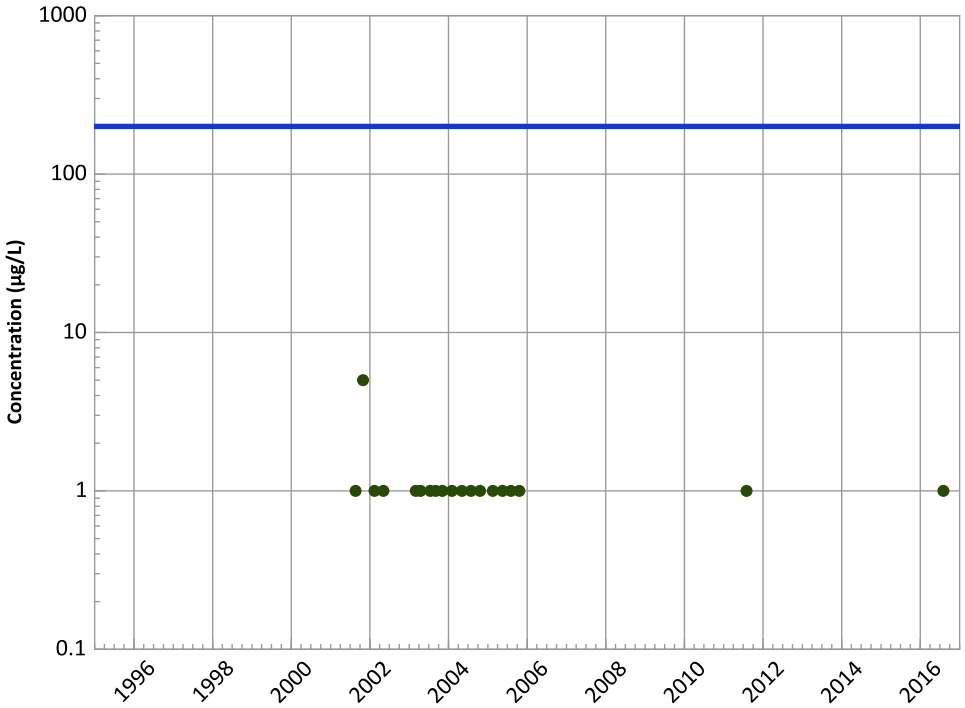
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1,1-Trichloroethane Trend

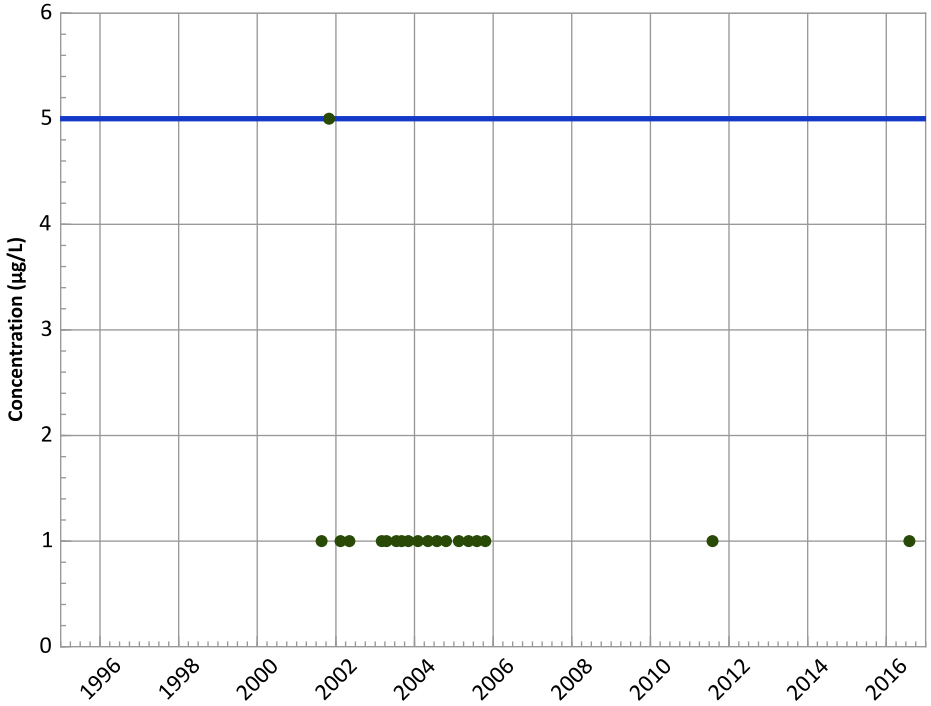


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1,2-Trichloroethane Trend



Concentration Trend

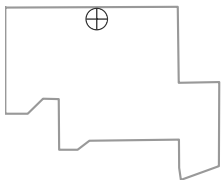
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

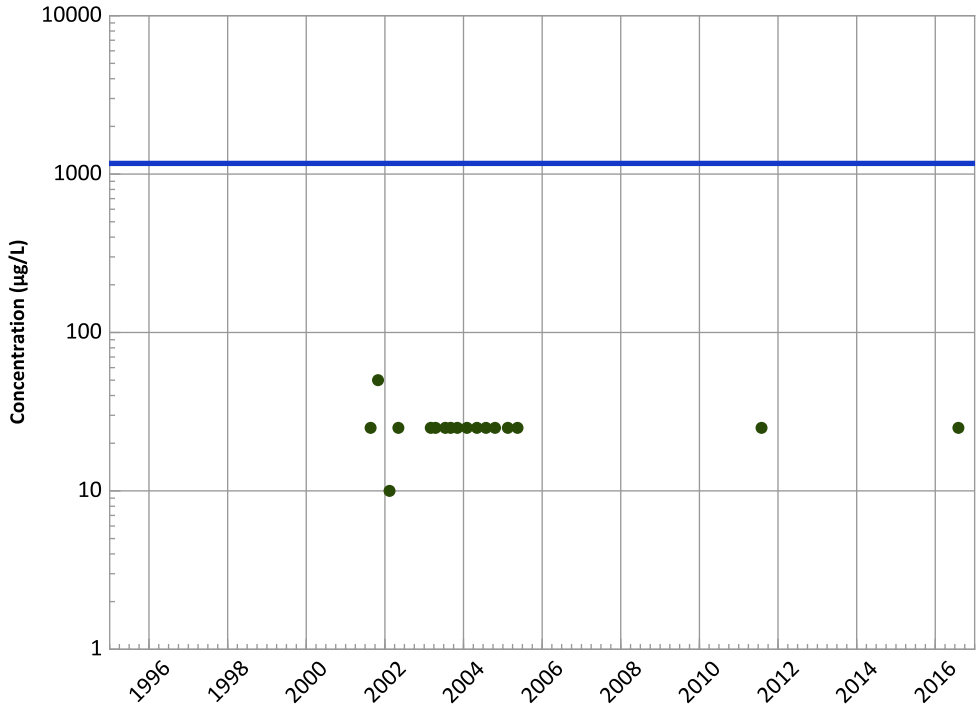
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Acetonitrile Trend

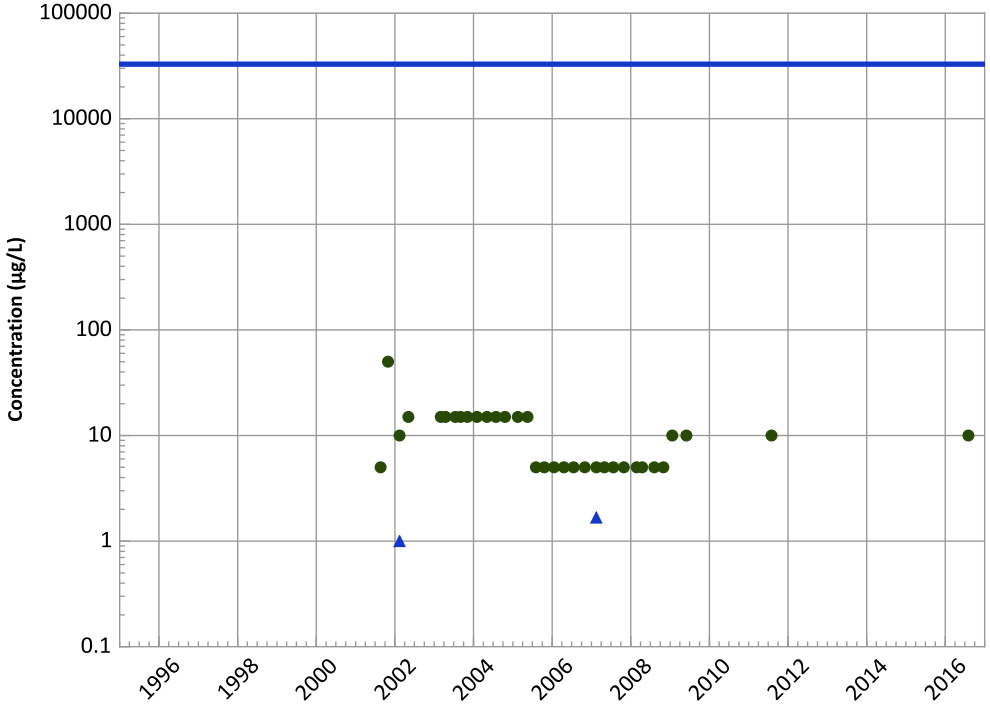


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Acetone Trend



Concentration Trend

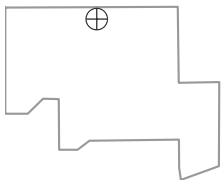
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

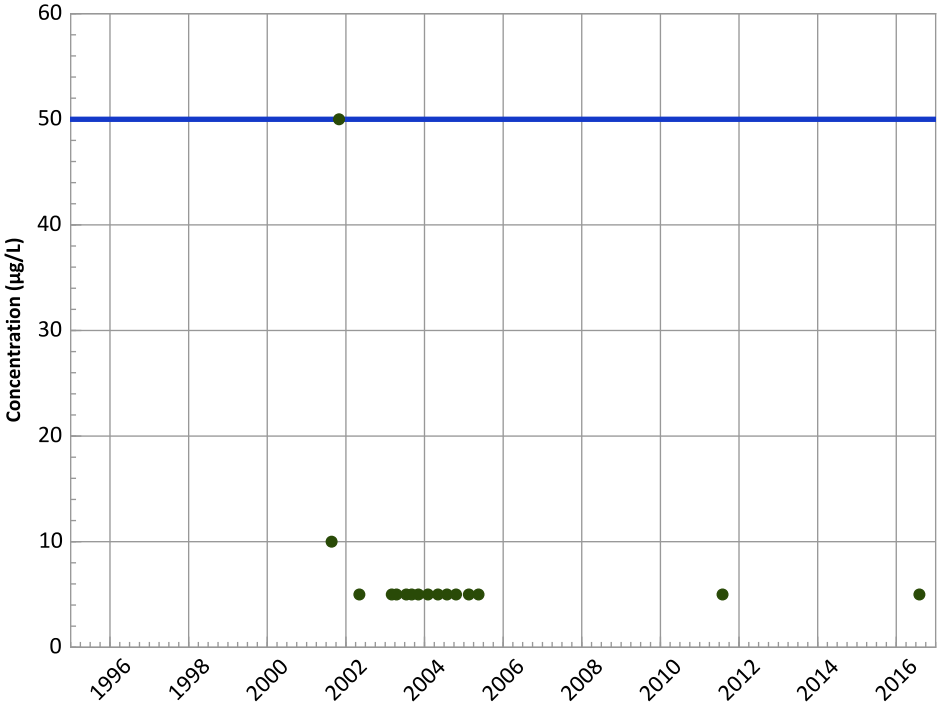
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Acrolein Trend

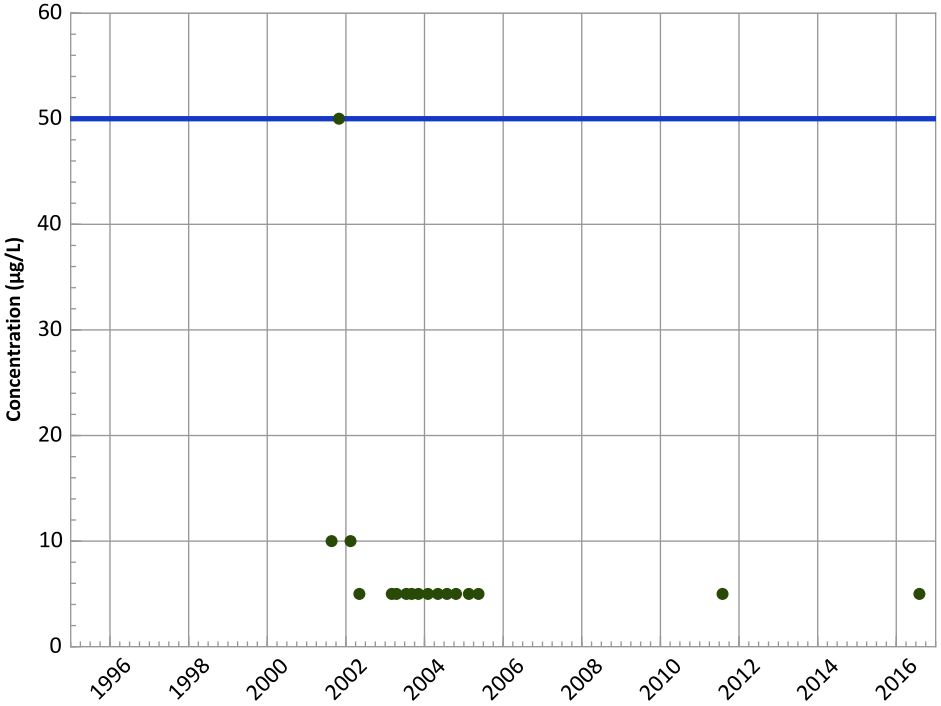


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Acrylonitrile Trend



Concentration Trend

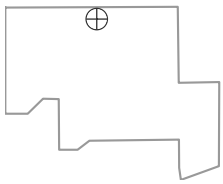
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

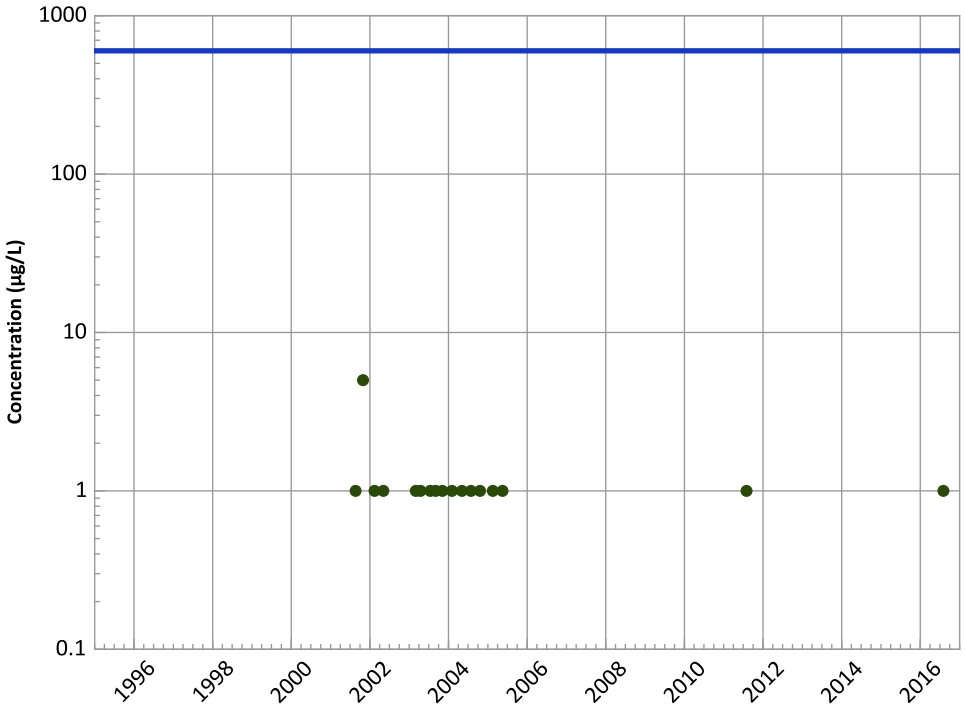
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichlorobenzene Trend

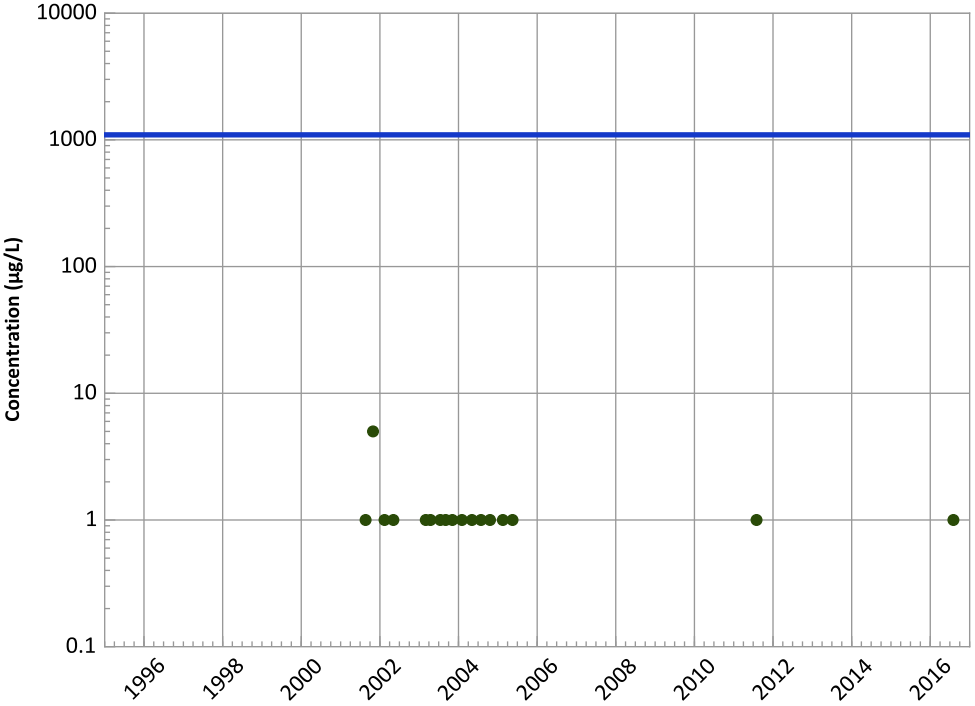


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,3-Dichlorobenzene Trend



Concentration Trend

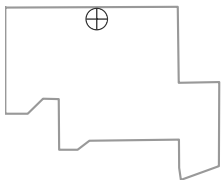
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

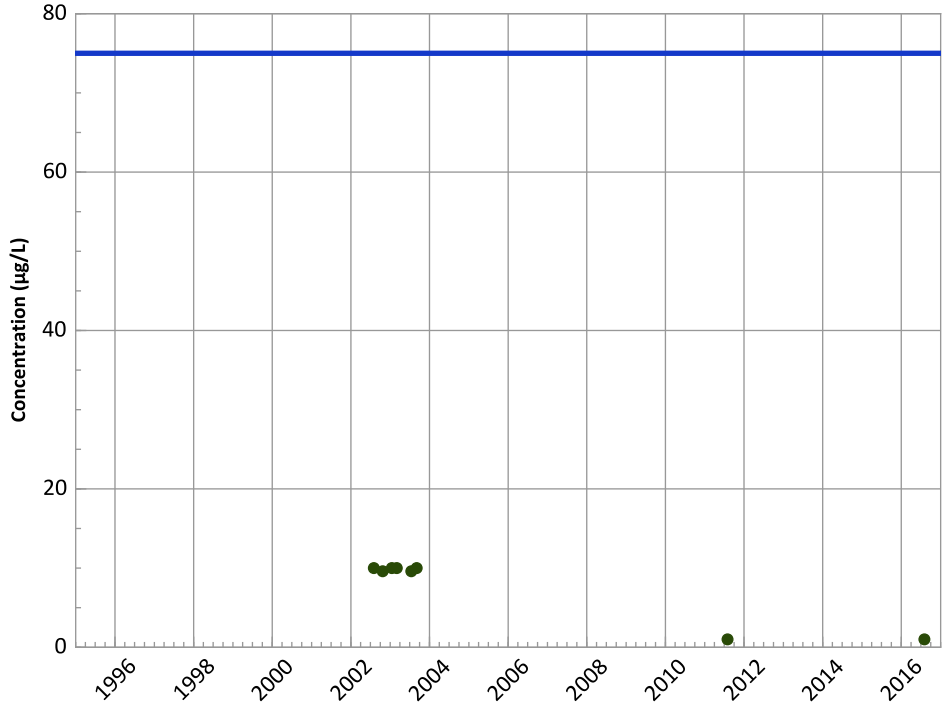
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,4-Dichlorobenzene Trend

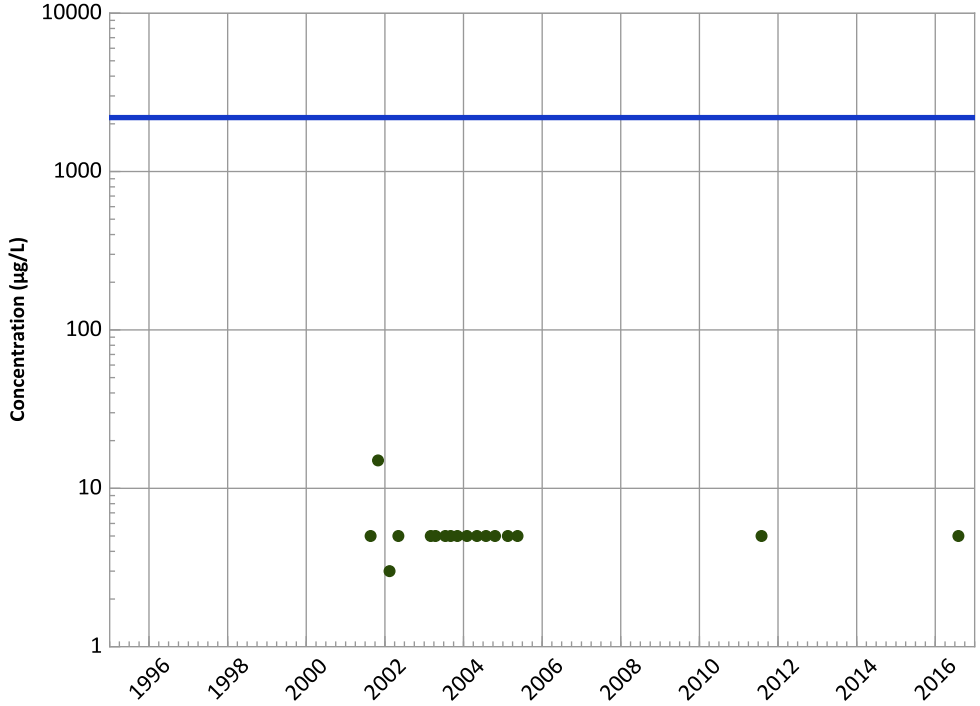


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2-Hexanone Trend



Concentration Trend

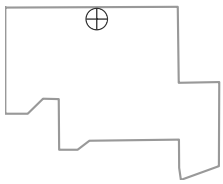
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

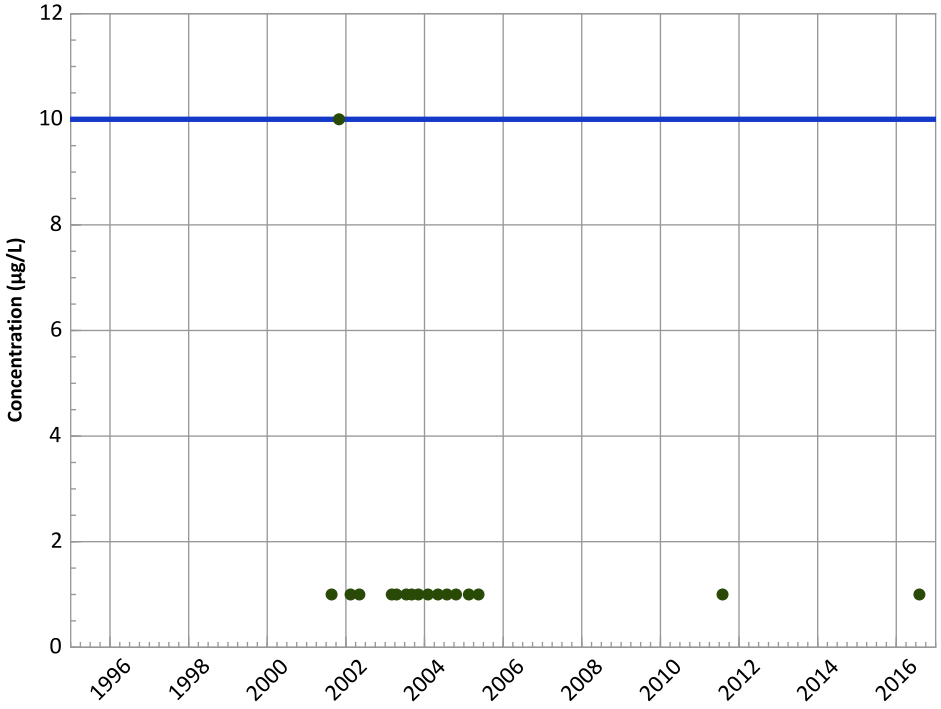
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2,3-Trichloropropane Trend

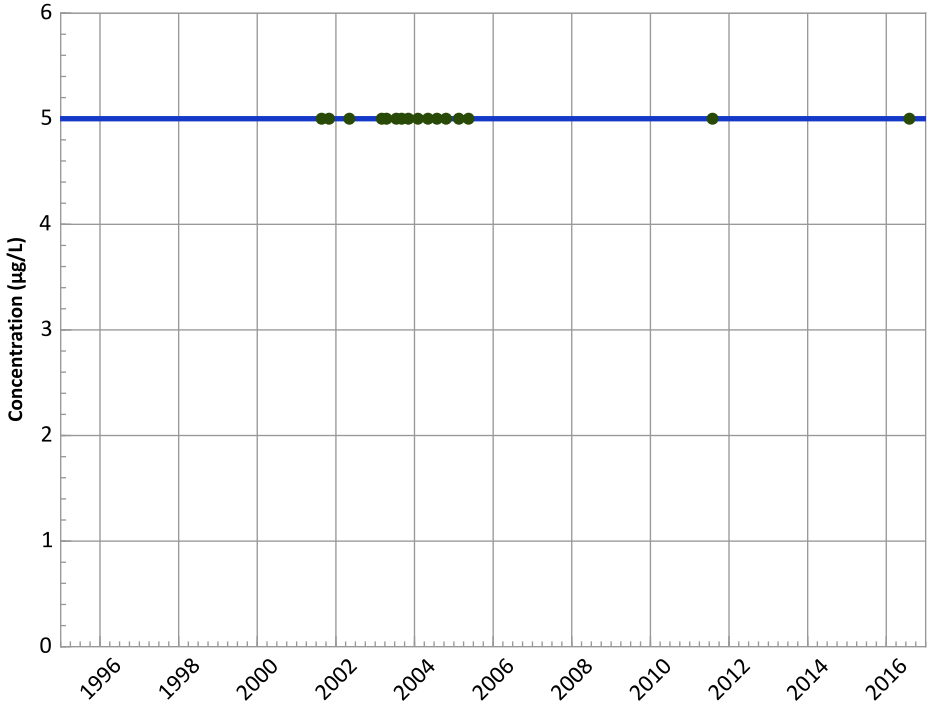


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Allyl Chloride Trend



Concentration Trend

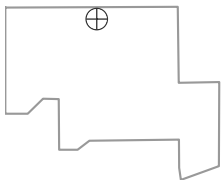
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

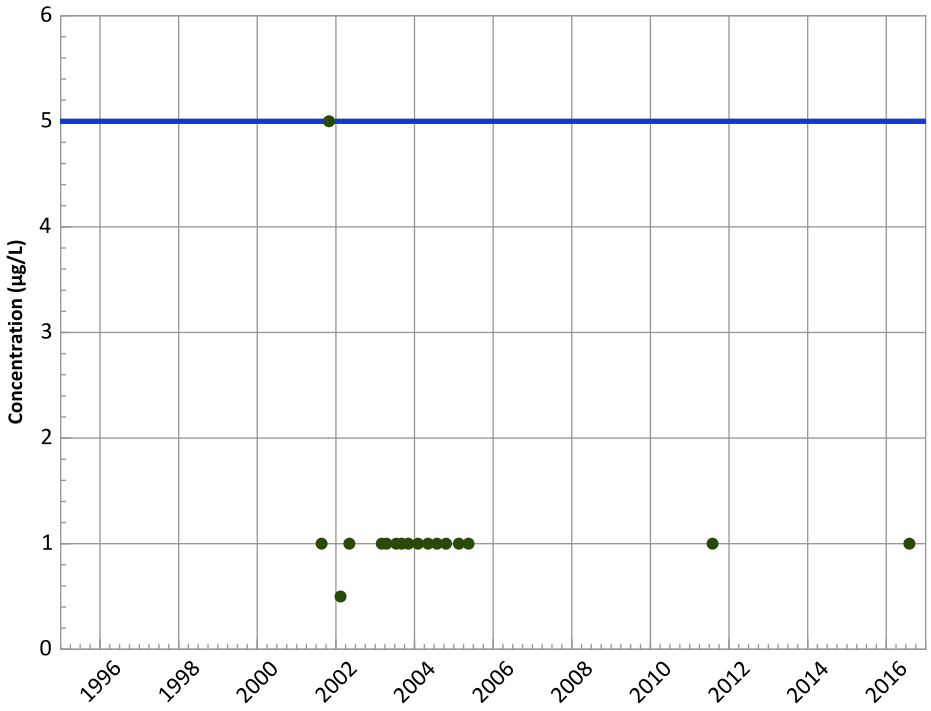
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Benzene Trend

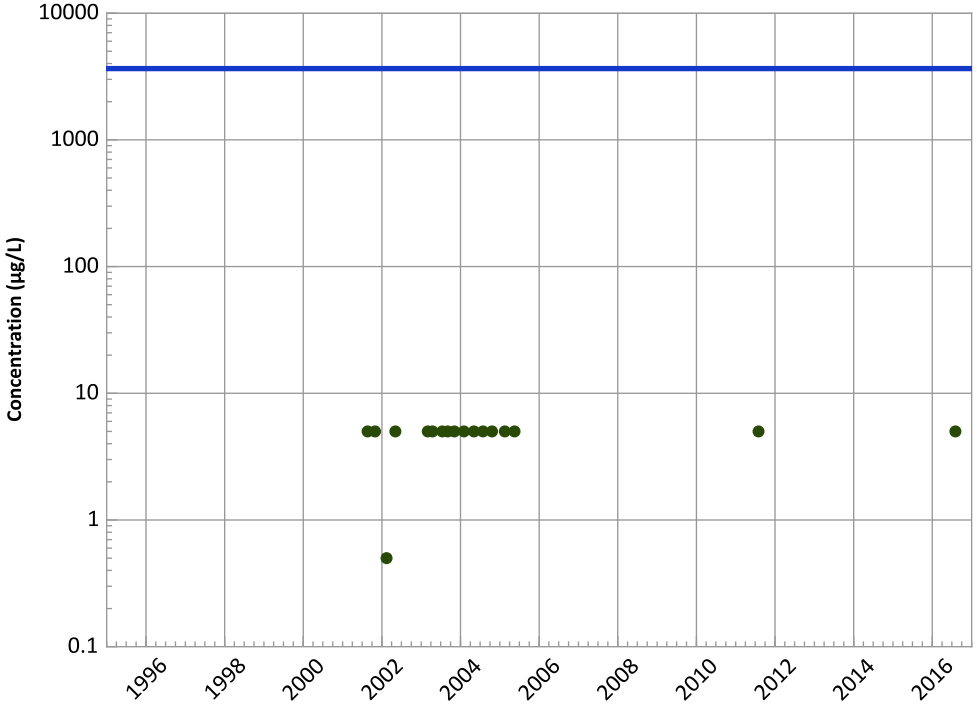


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Carbon Disulfide Trend



Concentration Trend

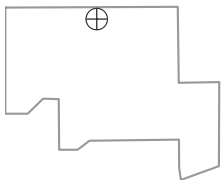
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

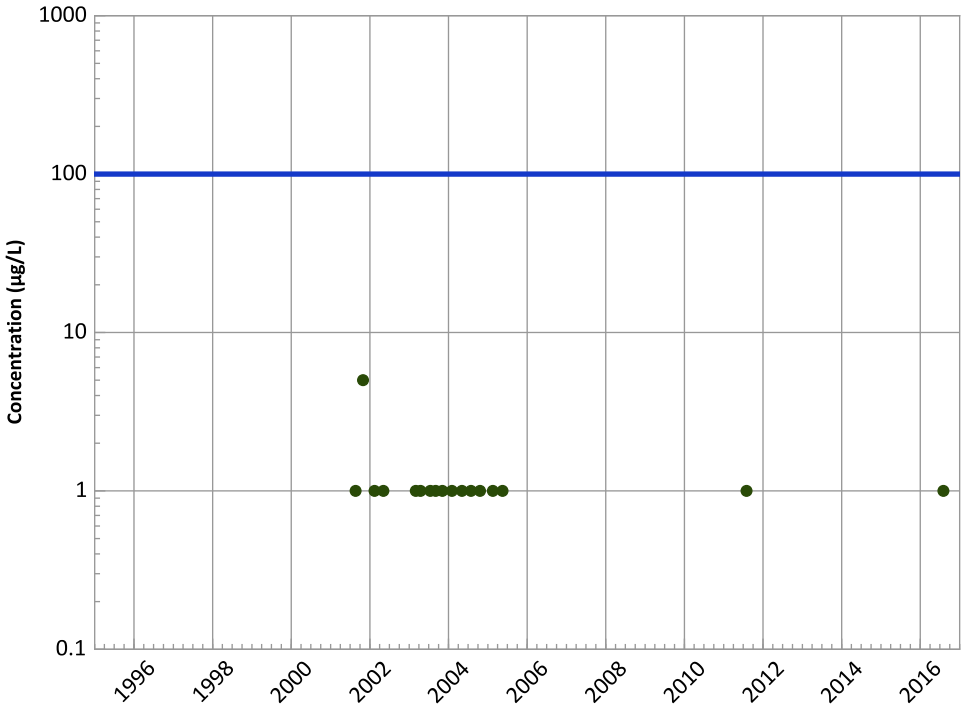
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chlorobenzene Trend

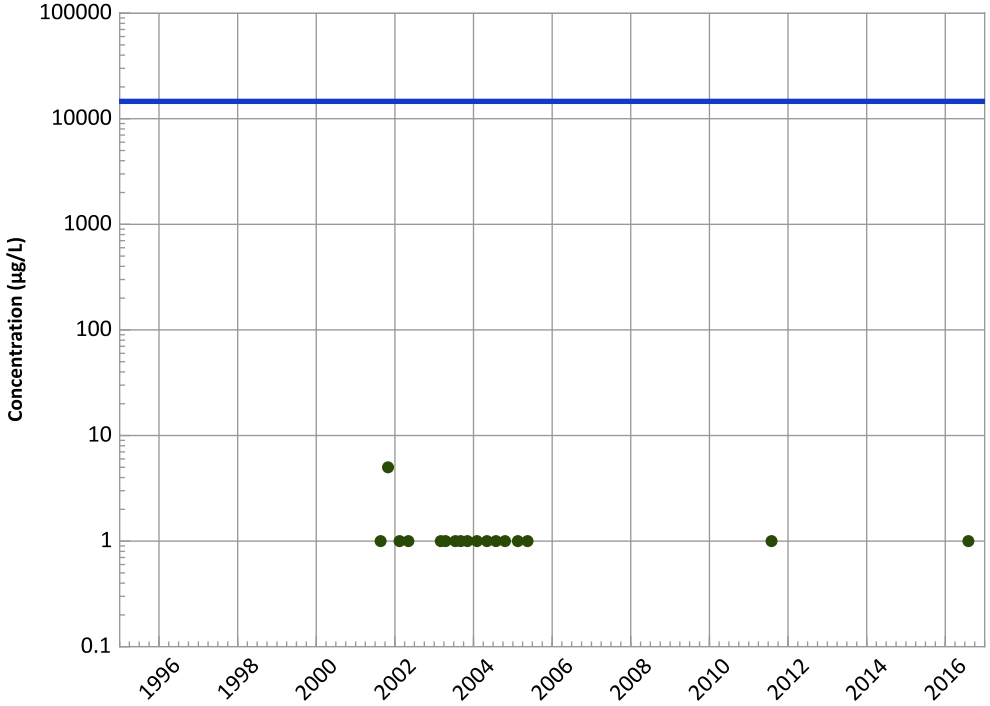


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Chloroethane Trend



Concentration Trend

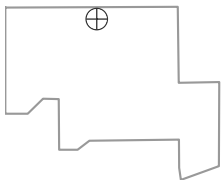
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

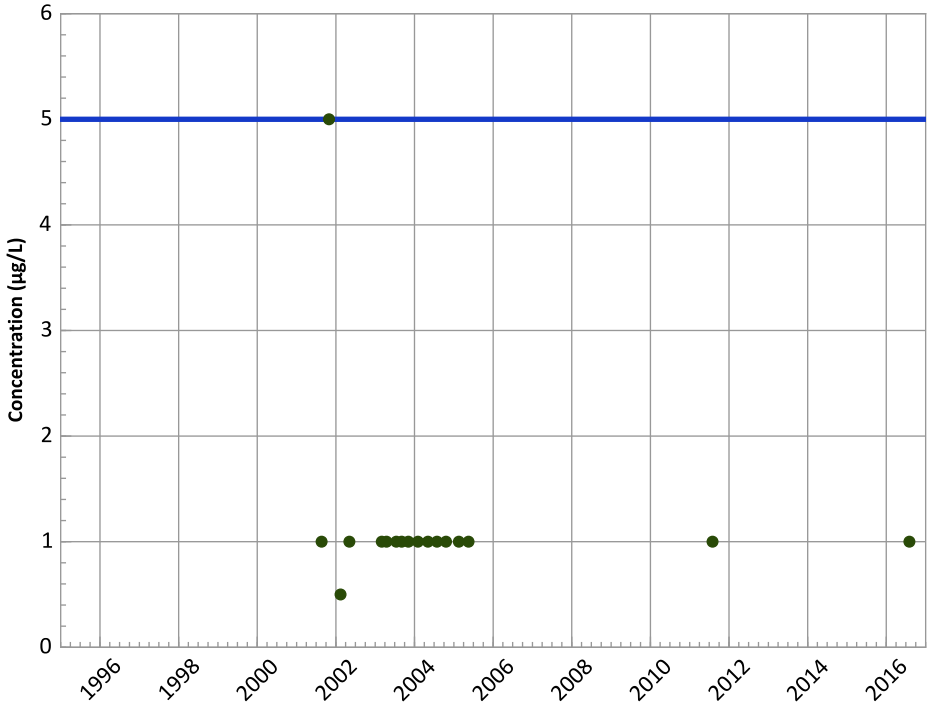
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Carbon Tetrachloride Trend

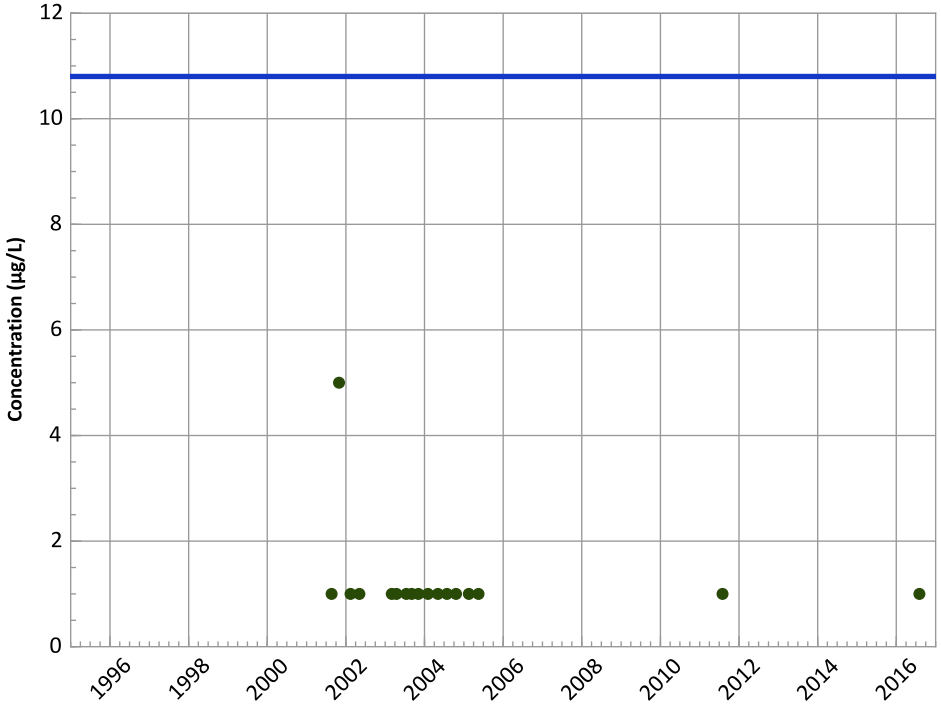


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Bromoform Trend

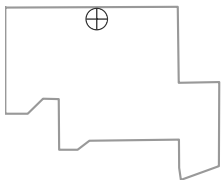


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Well Location

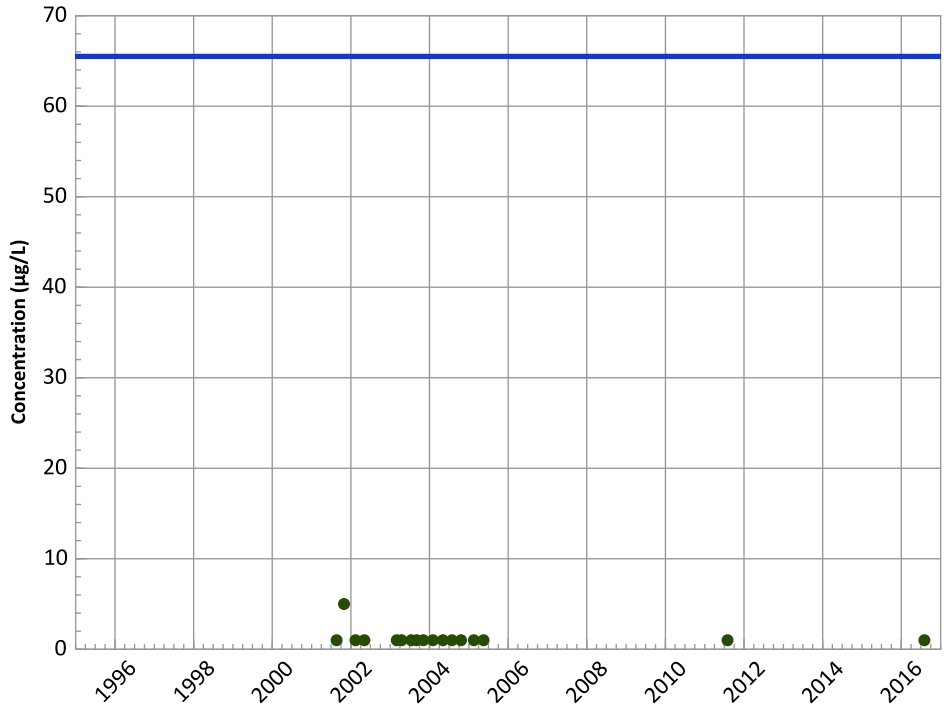


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloromethane Trend

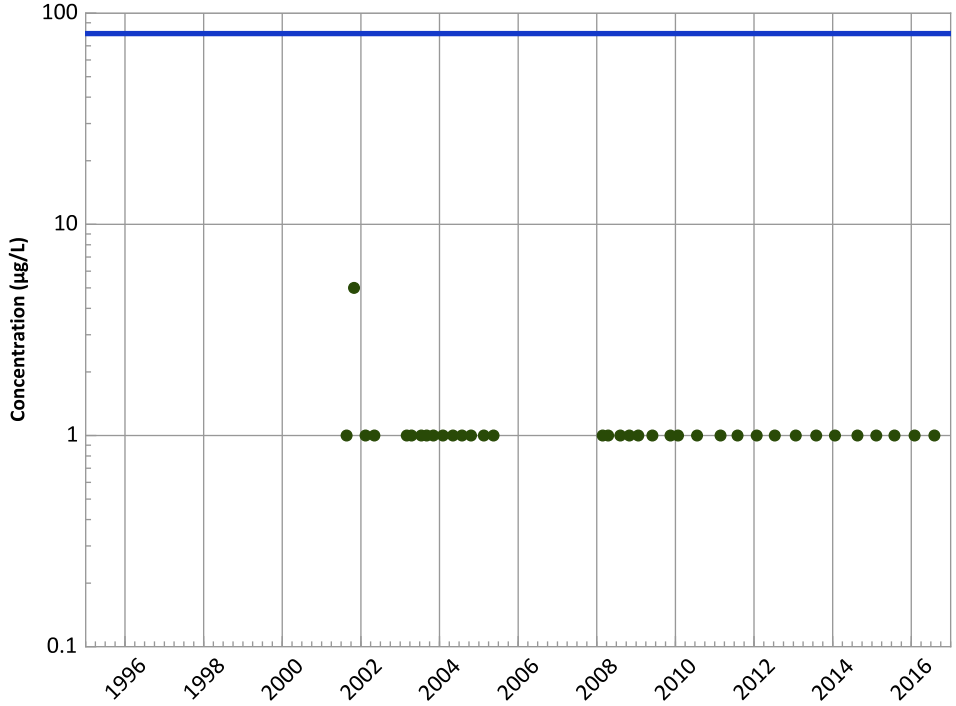


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Chloroform Trend



Concentration Trend

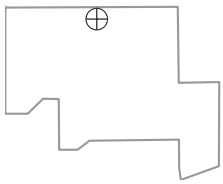
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

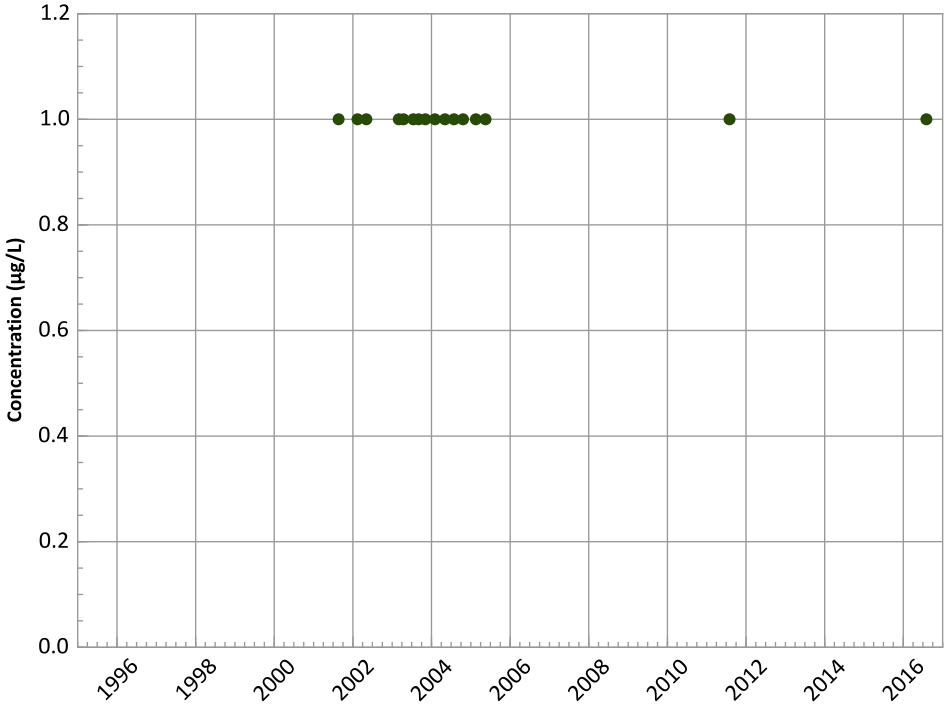
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2-Chloro-1,3-Butadiene Trend

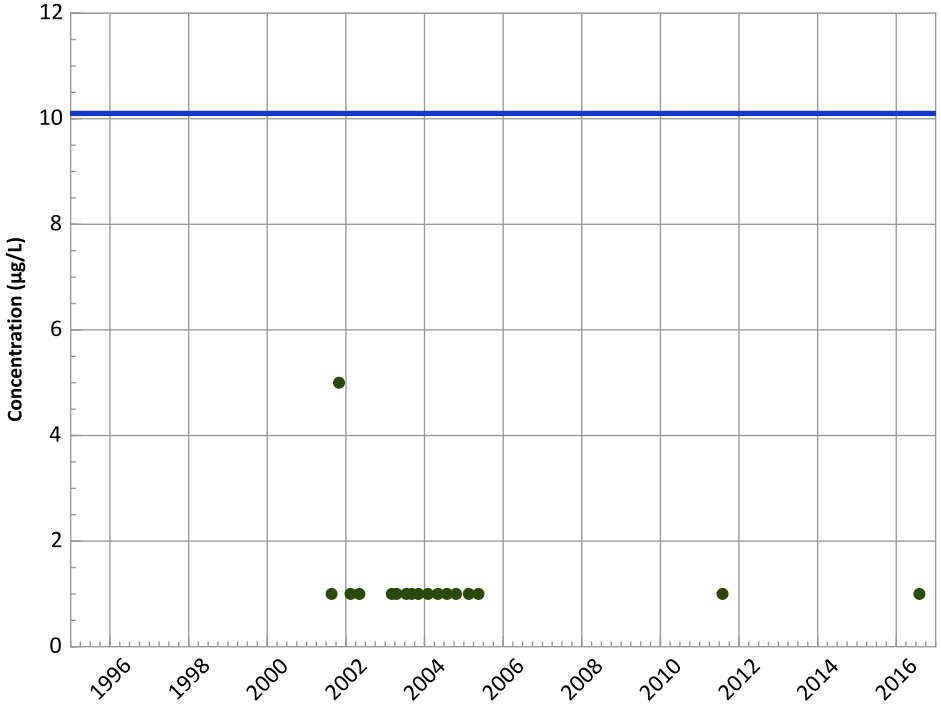


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Dibromochloromethane Trend



Concentration Trend

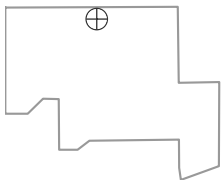
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

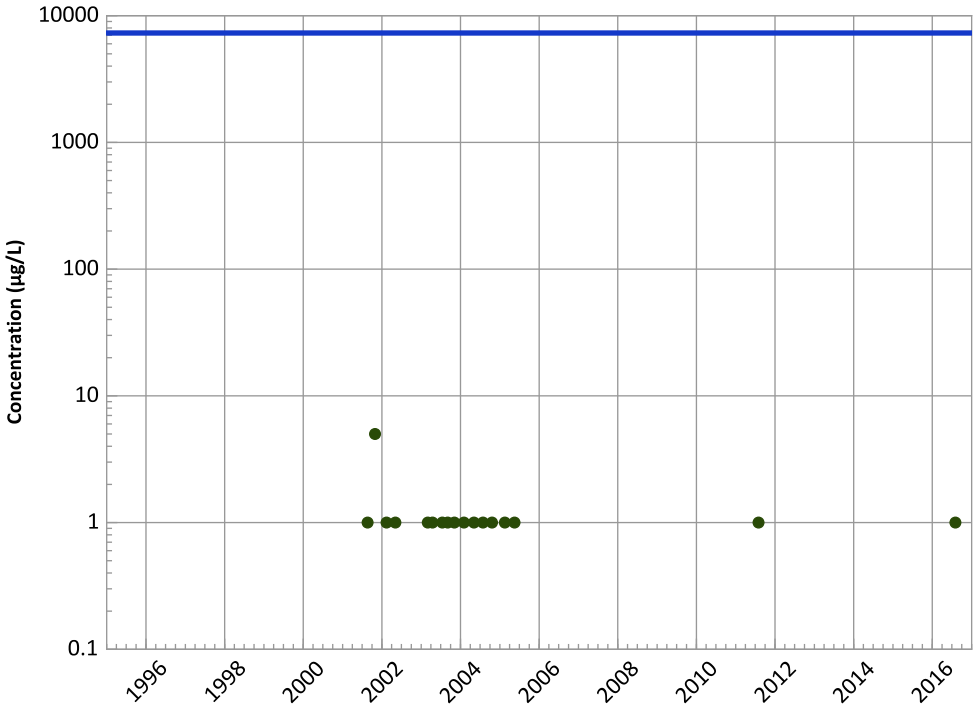
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Dichlorodifluoromethane Trend

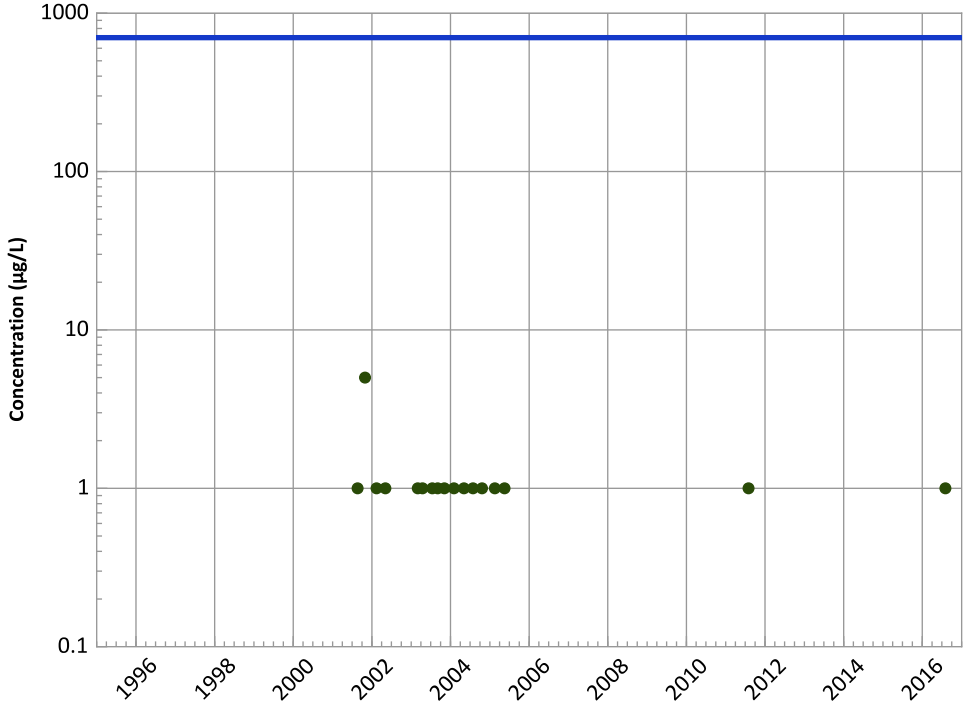


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Ethylbenzene Trend



Concentration Trend

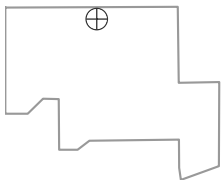
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

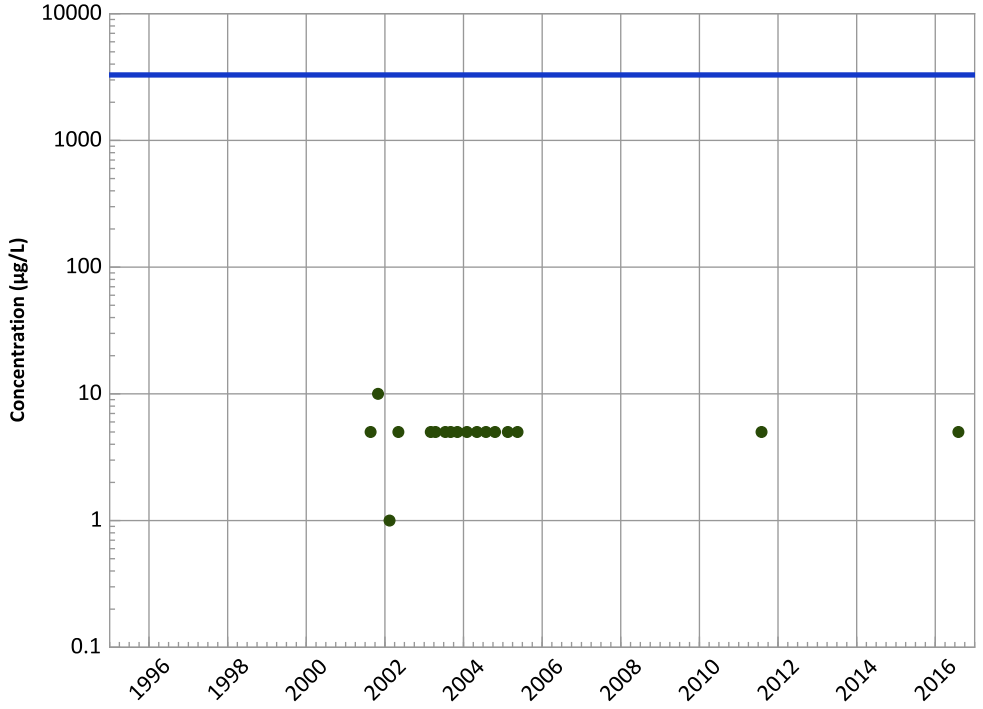
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Ethyl Methacrylate Trend

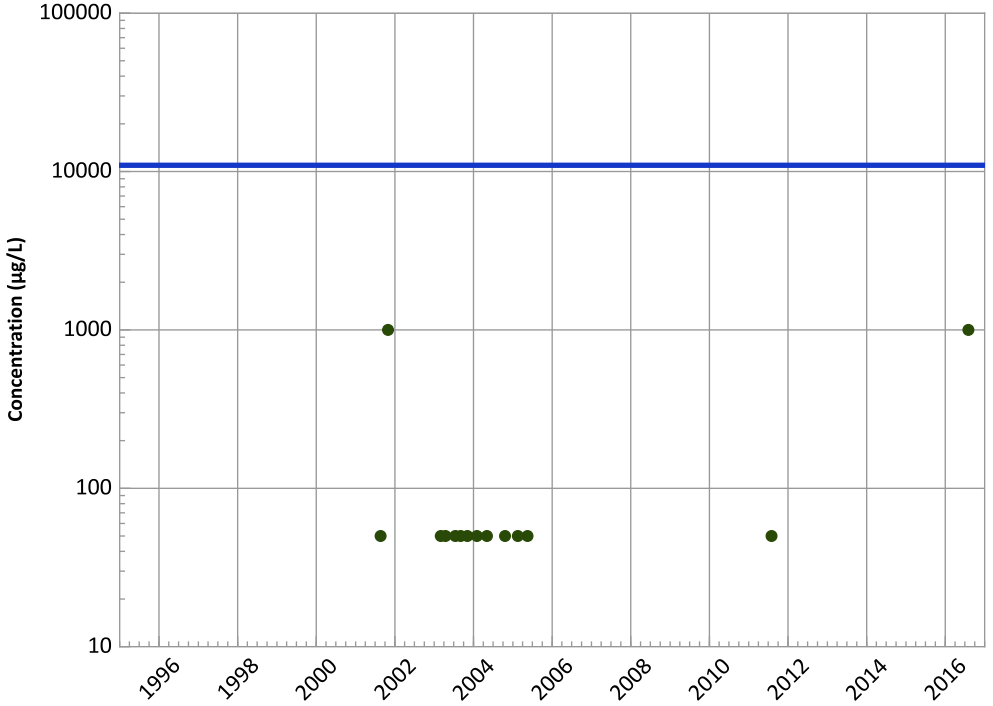


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Isobutanol Trend



Concentration Trend

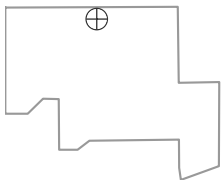
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

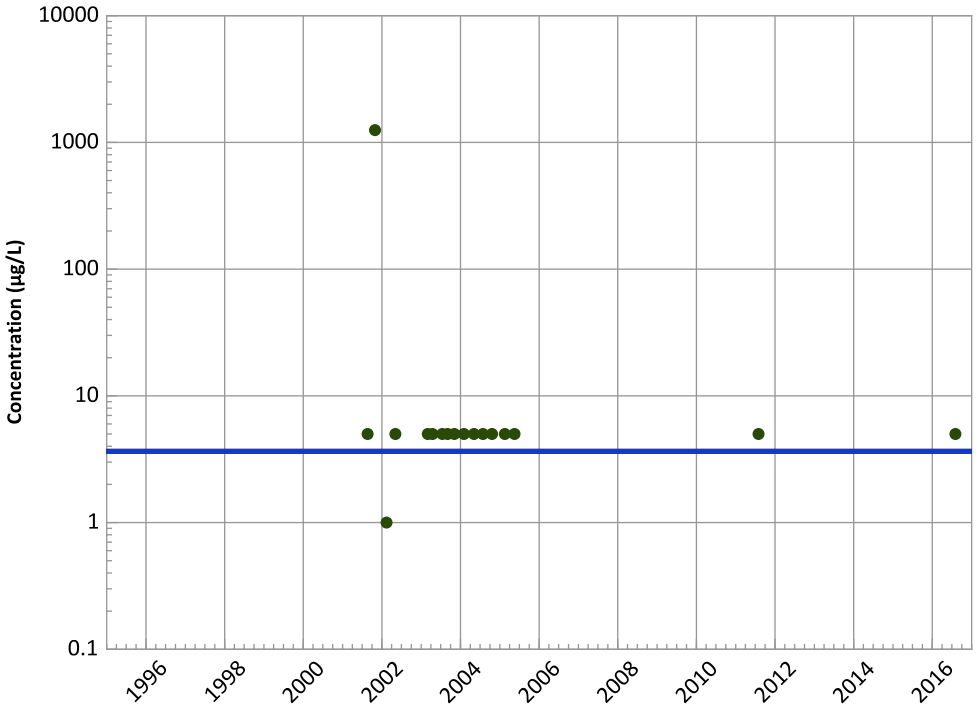
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methylacrylonitrile Trend

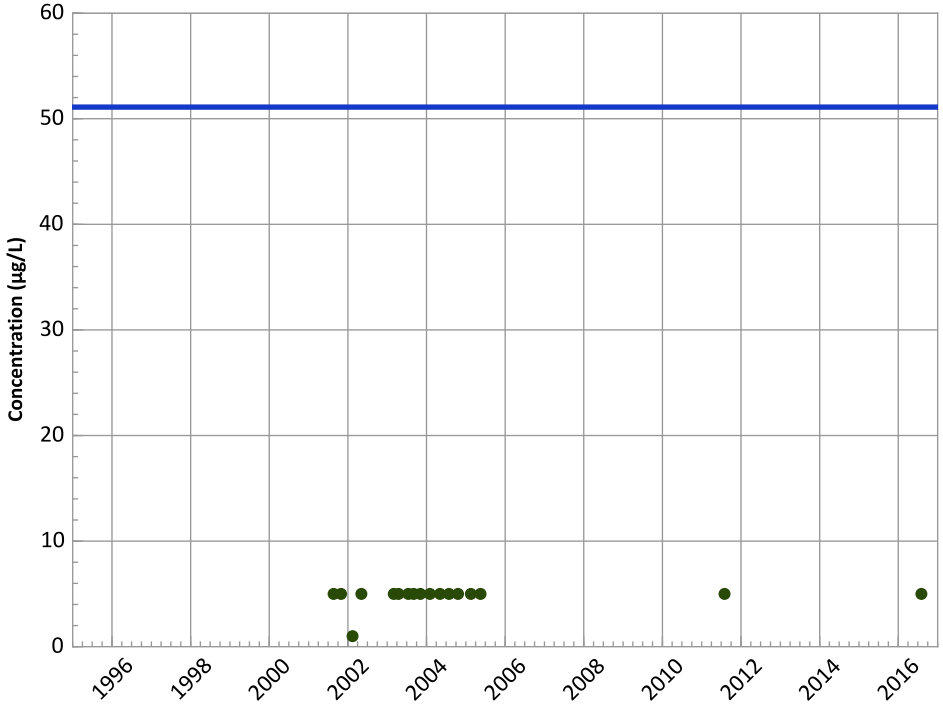


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Iodomethane (Methyl Iodide) Trend



Concentration Trend

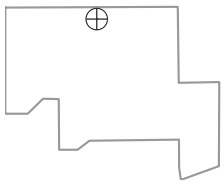
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

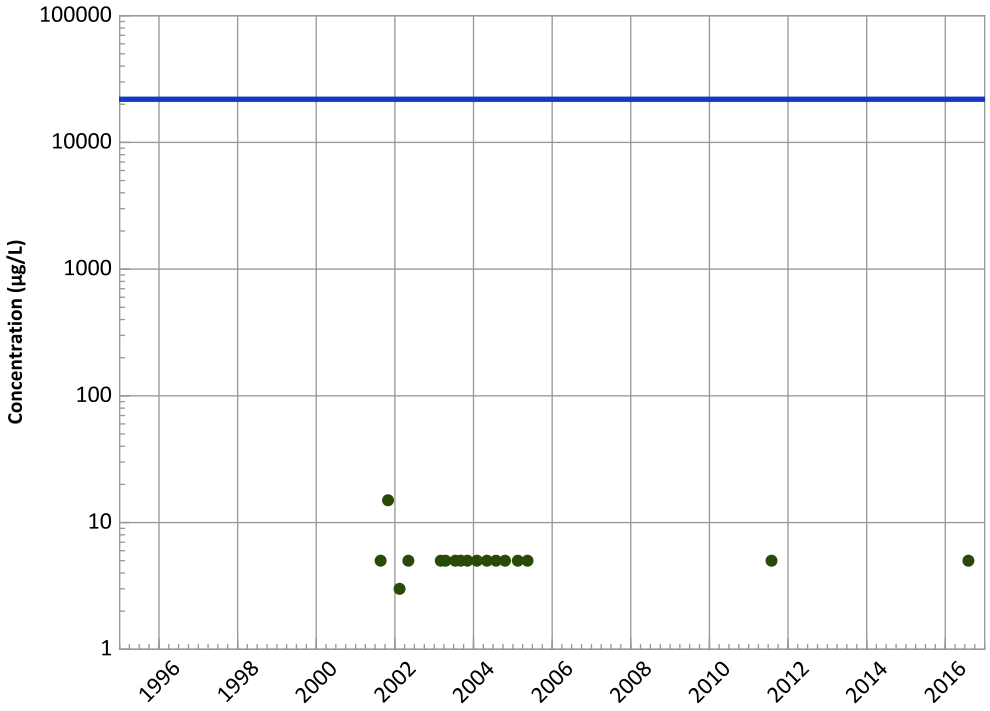
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methyl Ethyl Ketone (2-Butanone) Trend

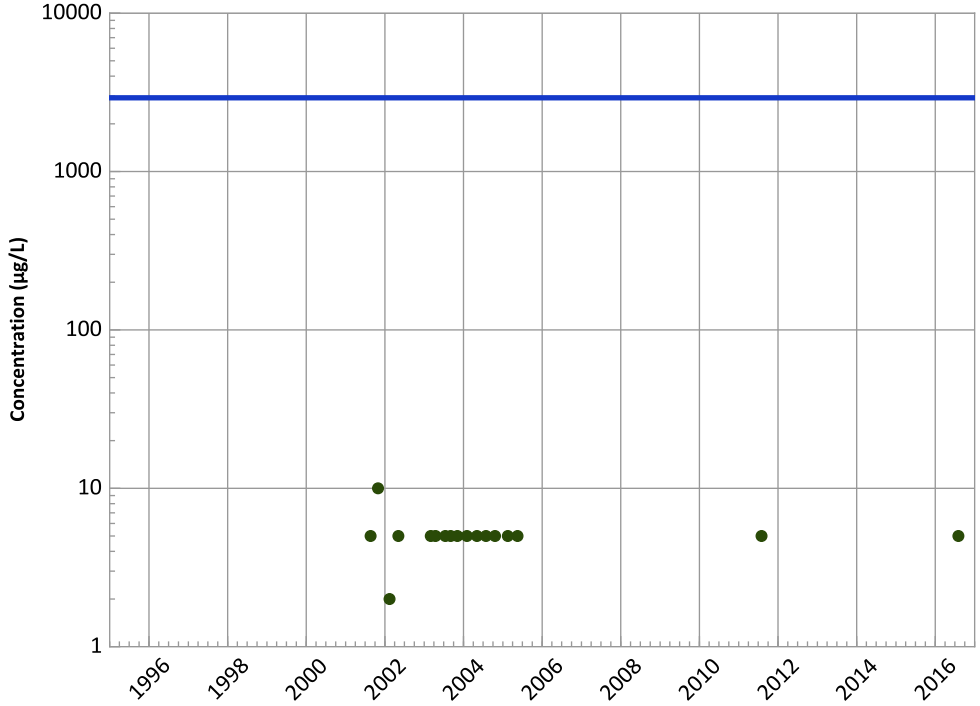


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) Trend



Concentration Trend

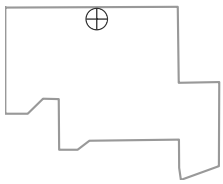
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

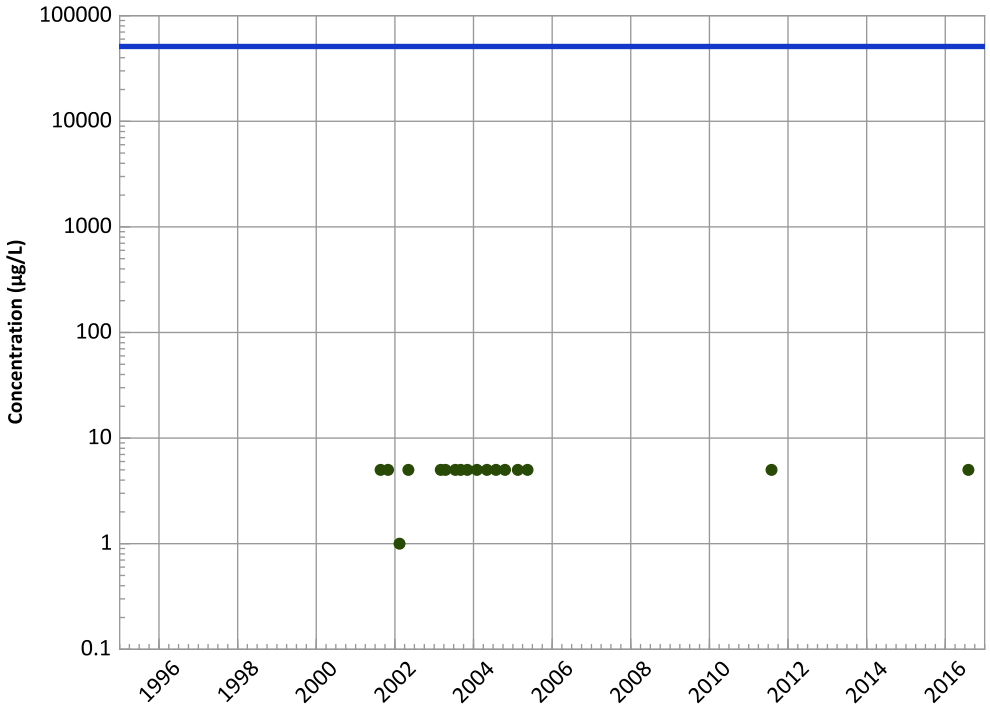
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methyl Methacrylate Trend

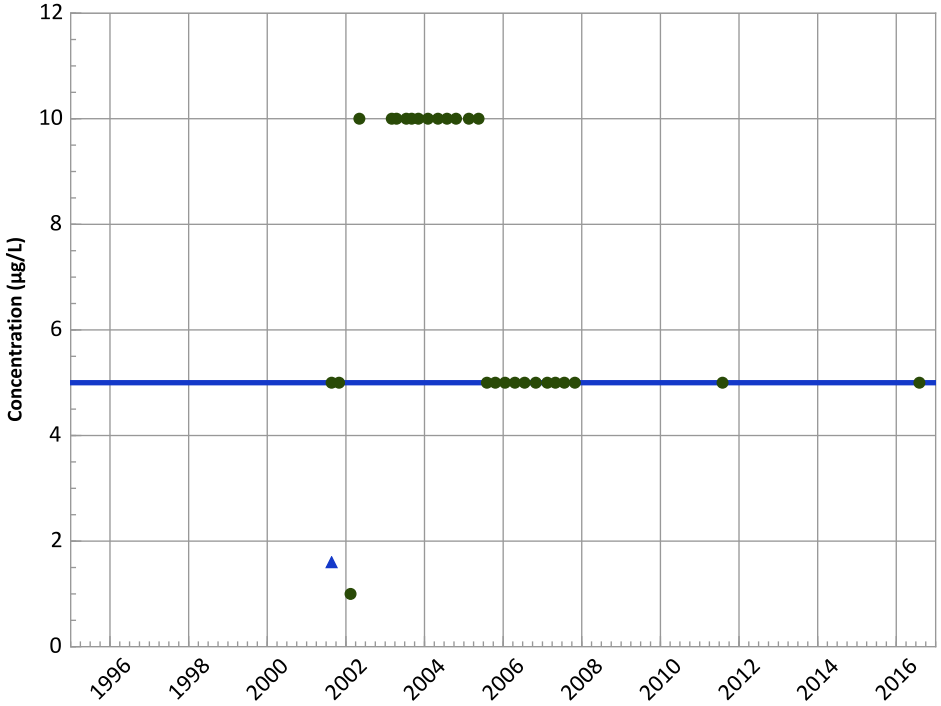


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methylene Chloride Trend



Concentration Trend

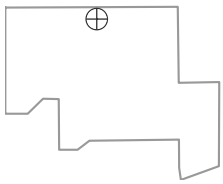
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

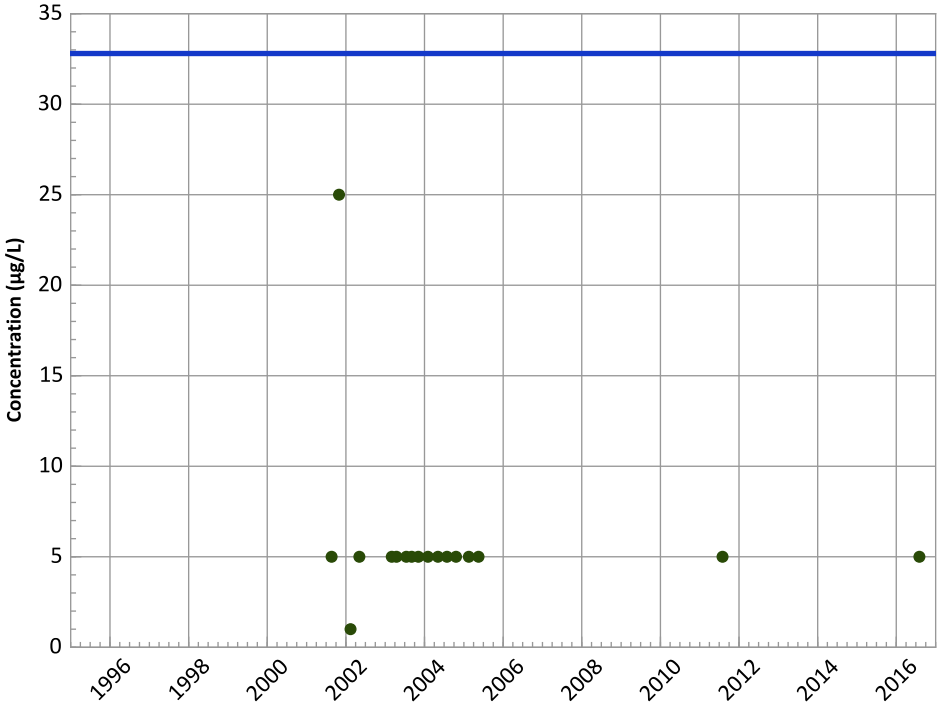
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Pentachloroethane Trend

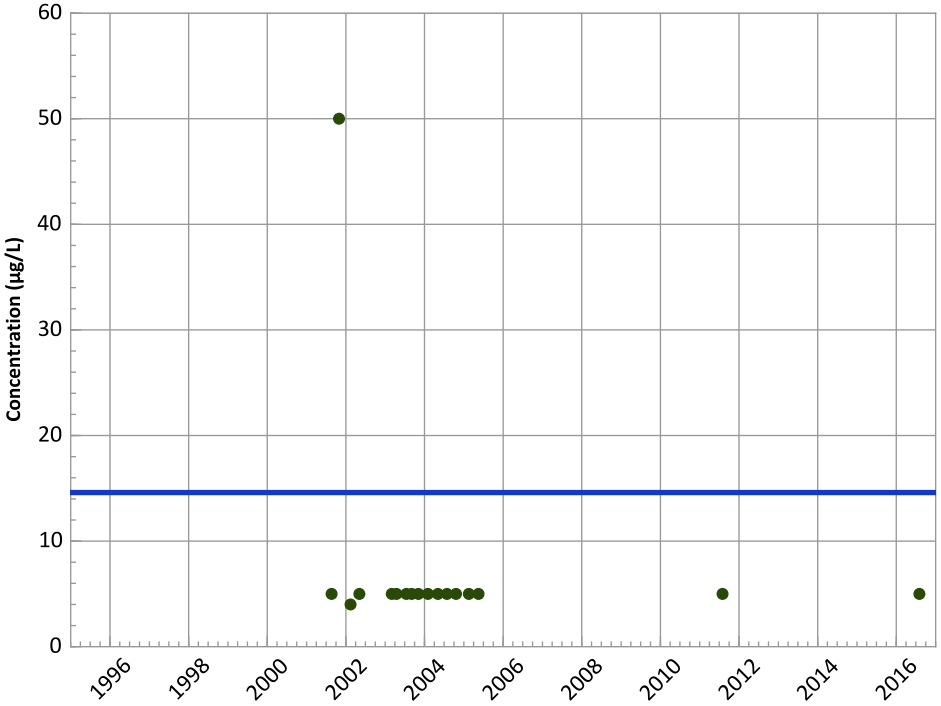


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Propane Nitrile (Propionitrile) Trend



Concentration Trend

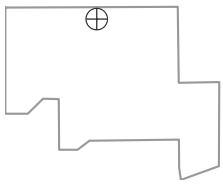
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

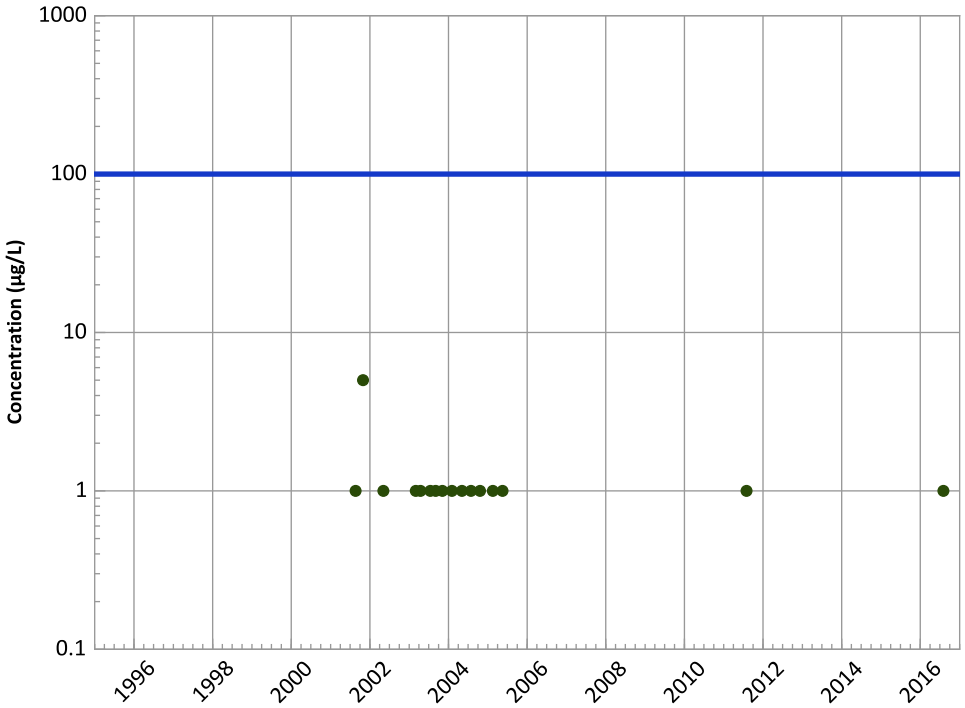
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Styrene Trend

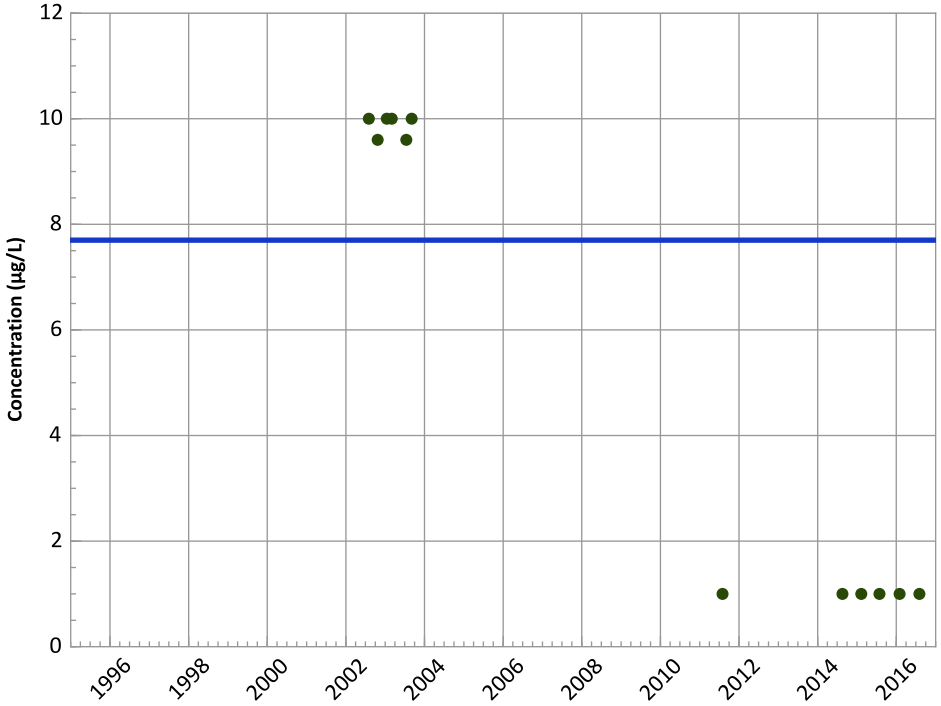


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend

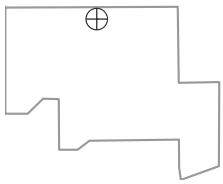


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Well Location

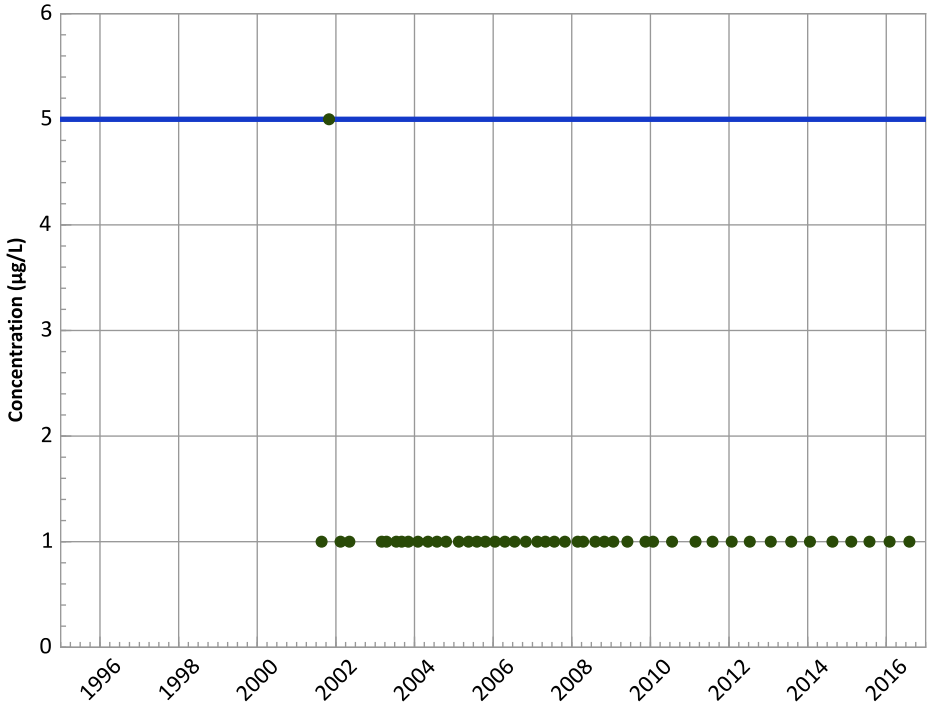


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

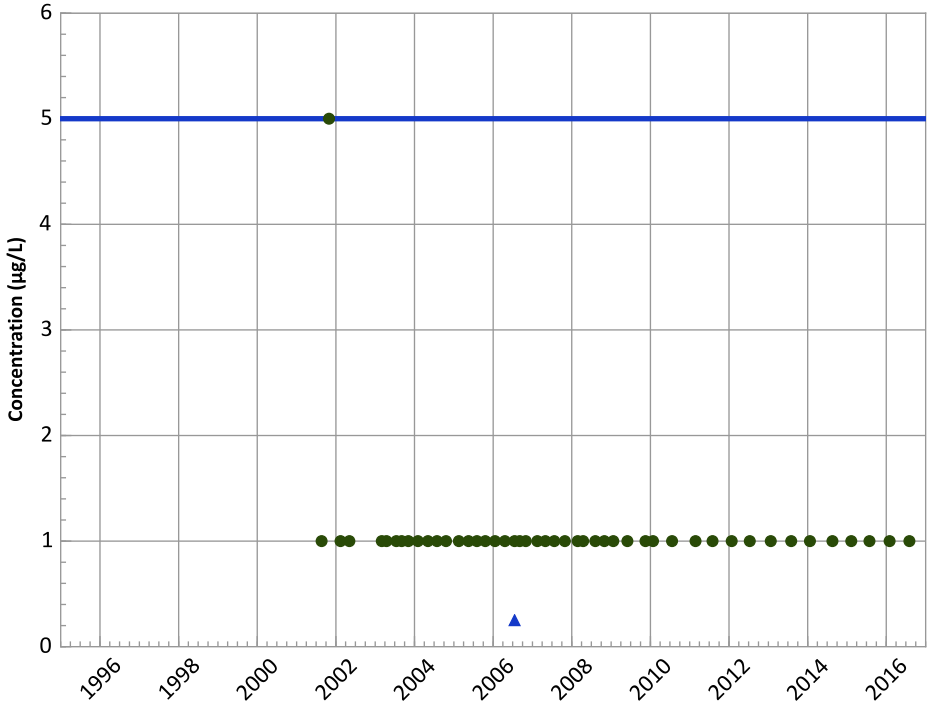


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

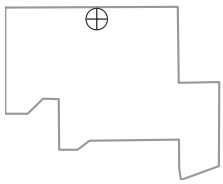
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

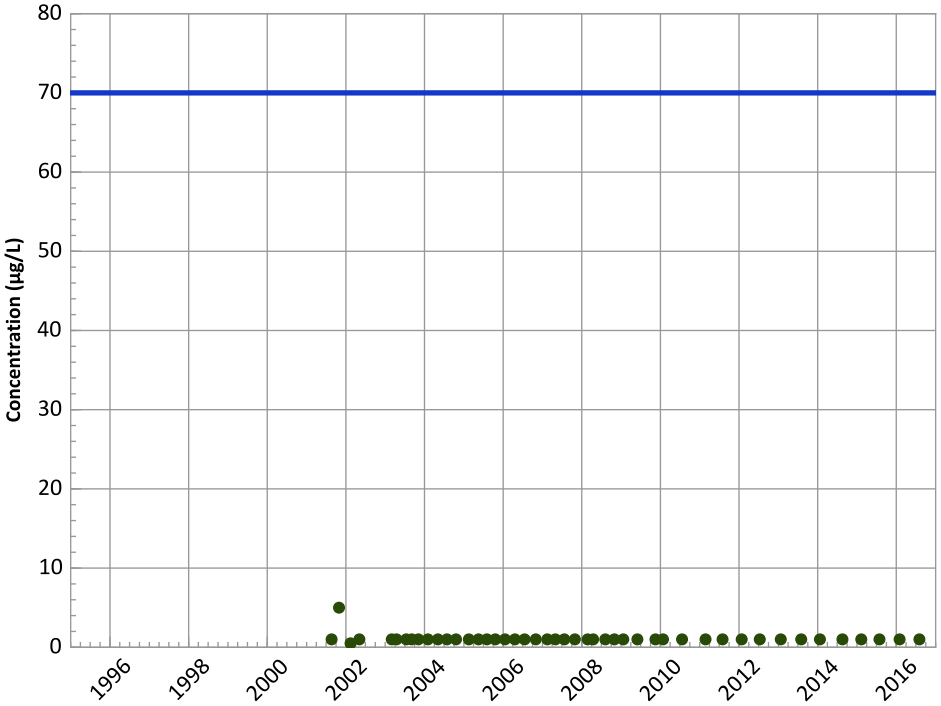
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

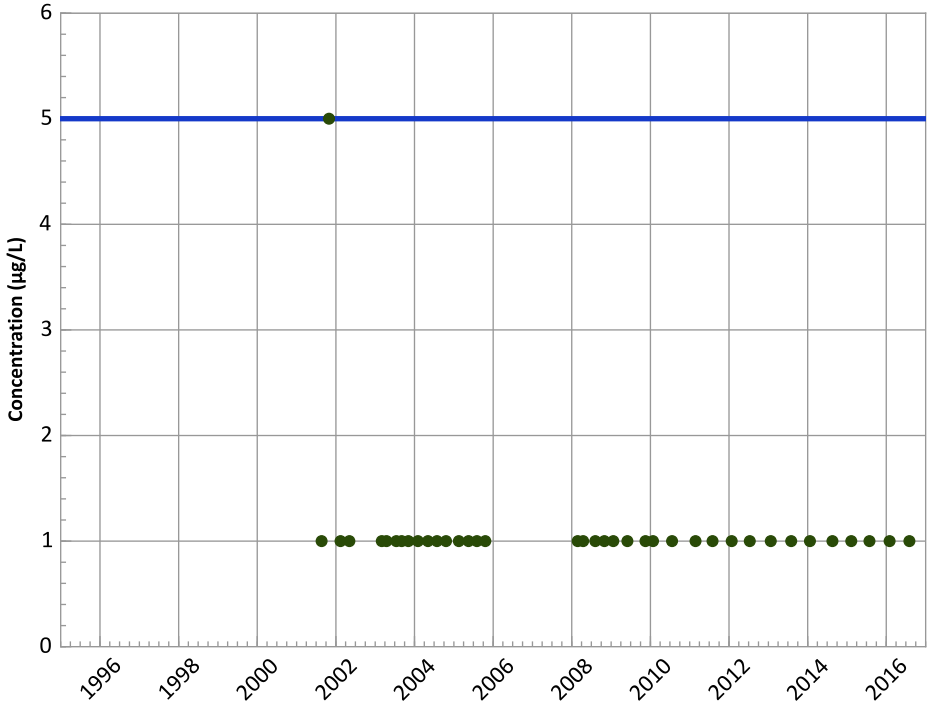


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

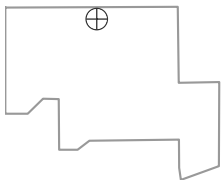
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

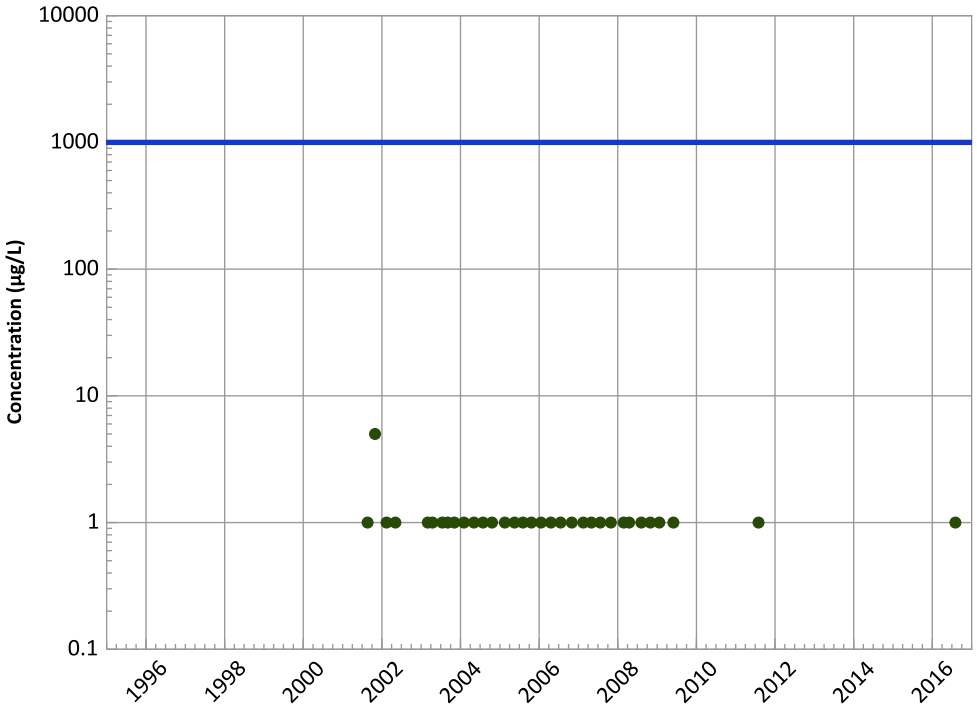
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Toluene Trend

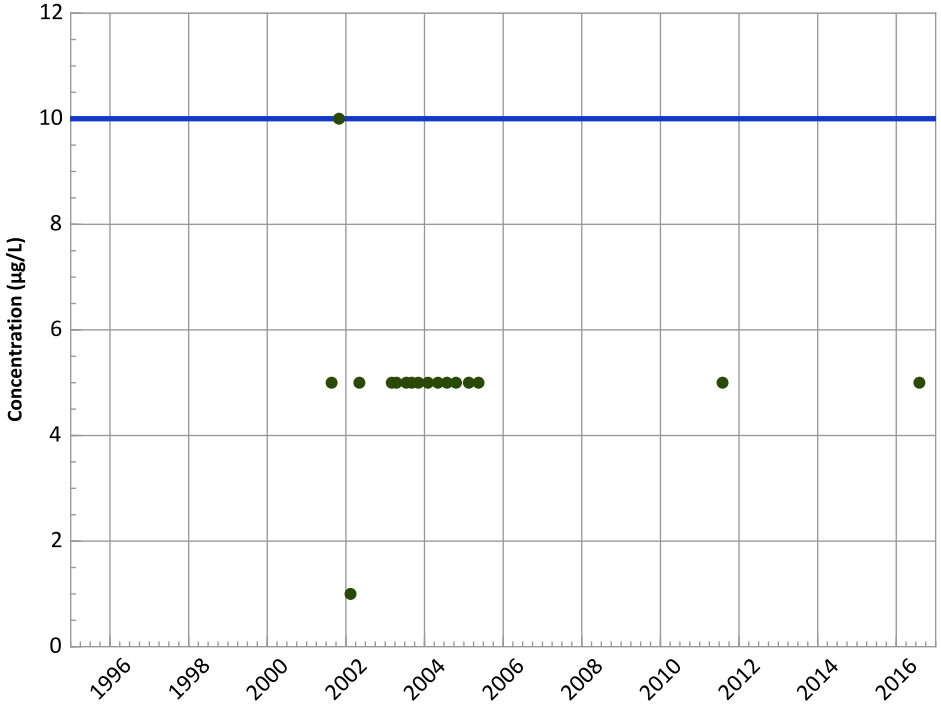


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

trans-1,4-Dichloro-2-Butene Trend



Concentration Trend

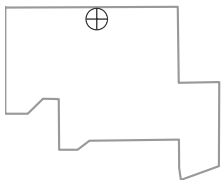
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

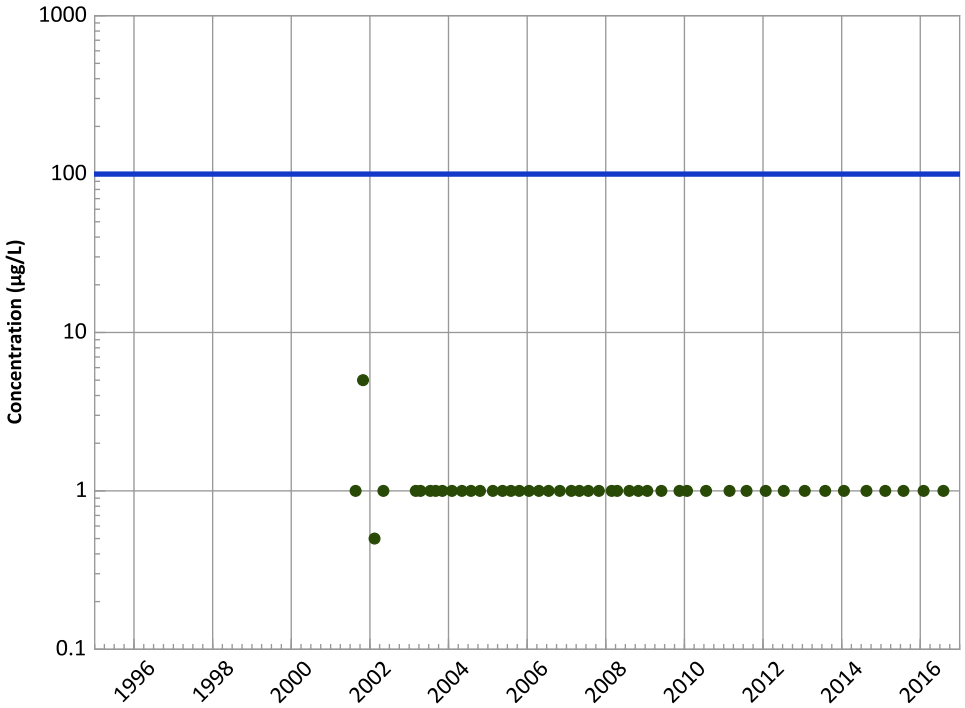
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

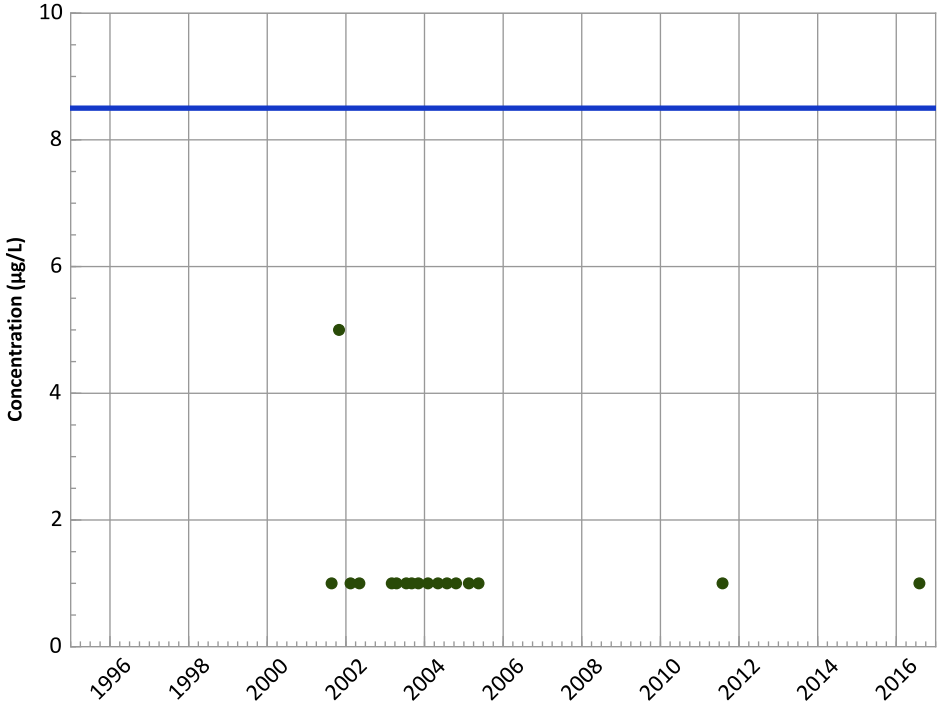


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

trans-1,3-Dichloropropene Trend



Concentration Trend

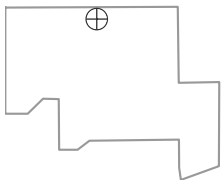
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

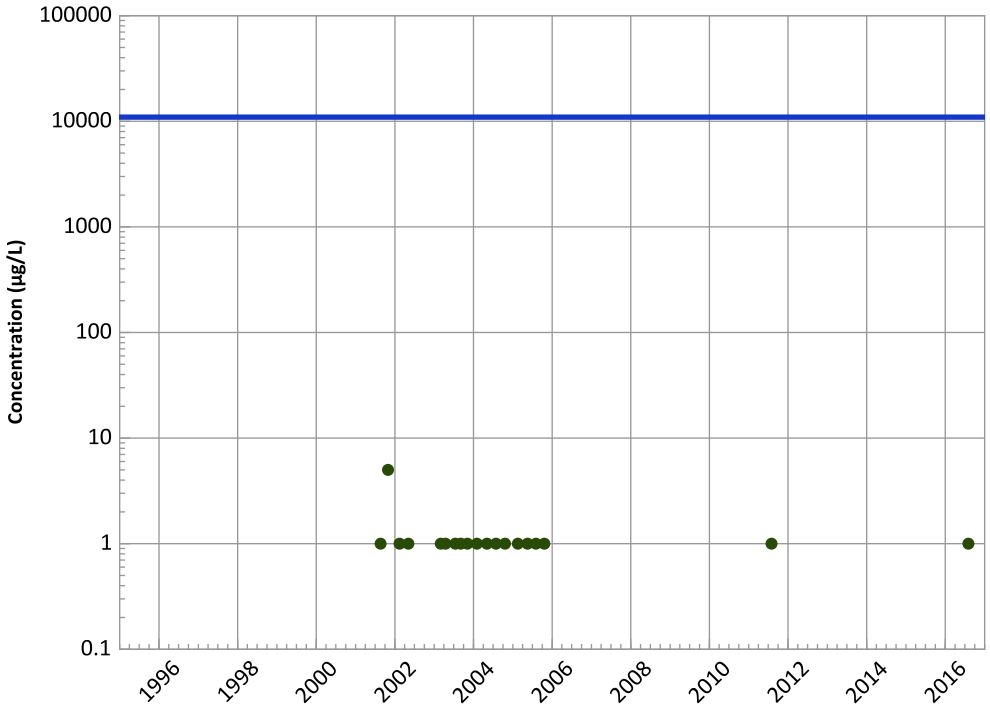
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichlorofluoromethane Trend

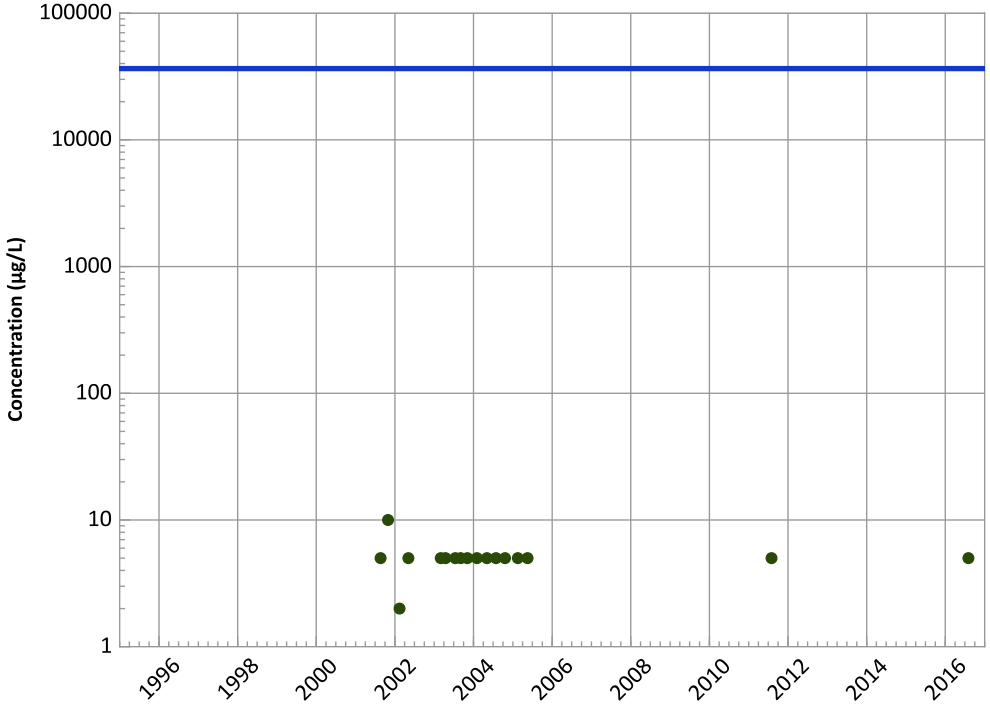


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Vinyl Acetate Trend



Concentration Trend

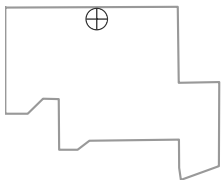
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

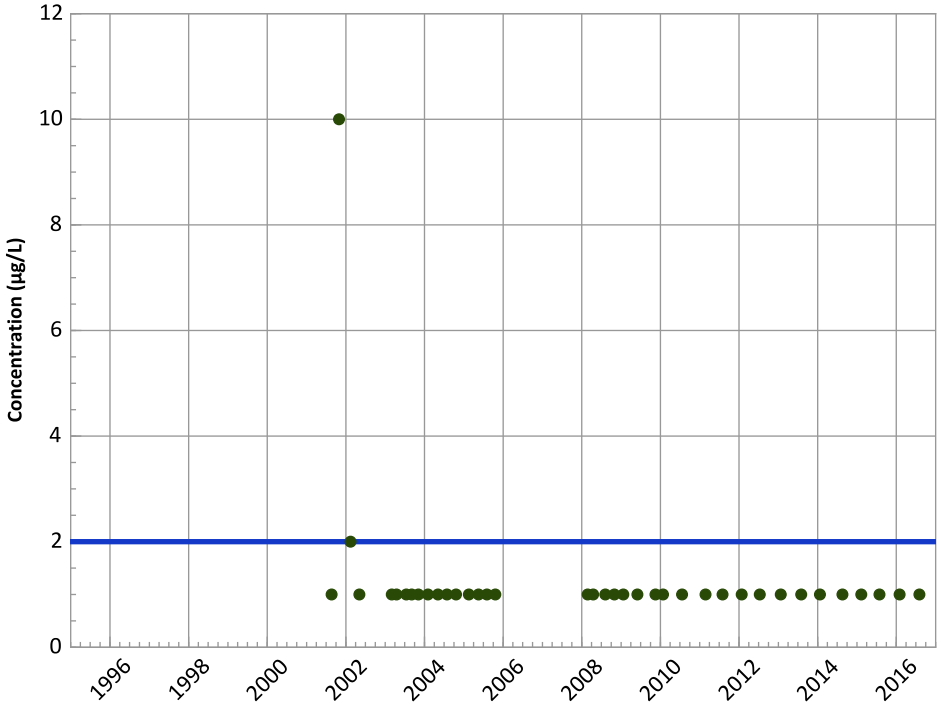
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

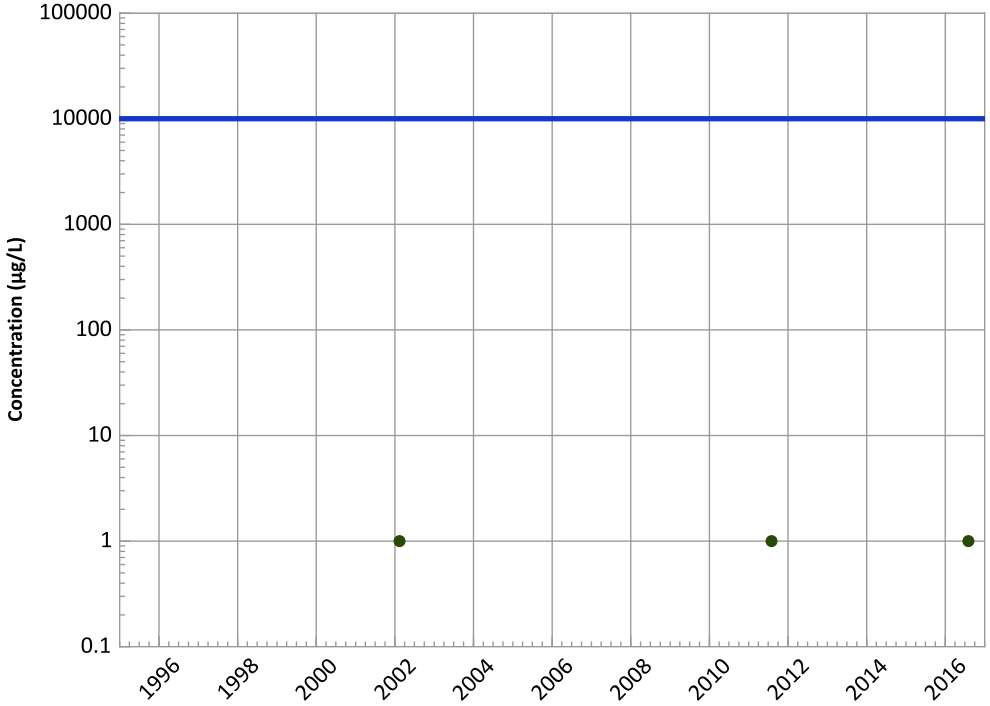


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Xylenes, Total Trend



Concentration Trend

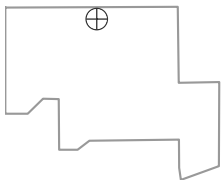
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

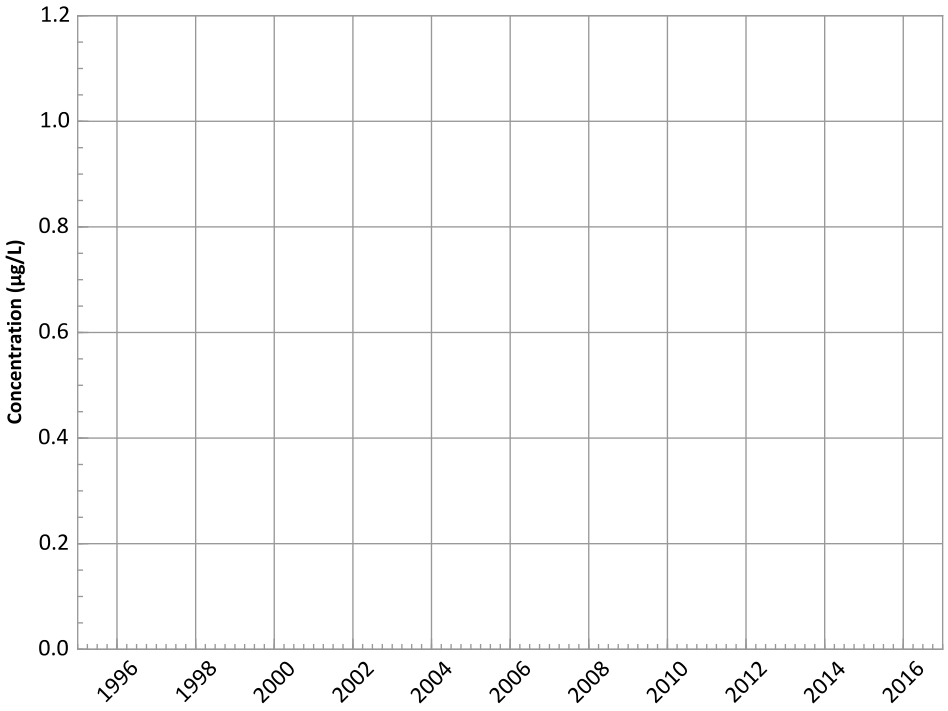
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sulfide Trend

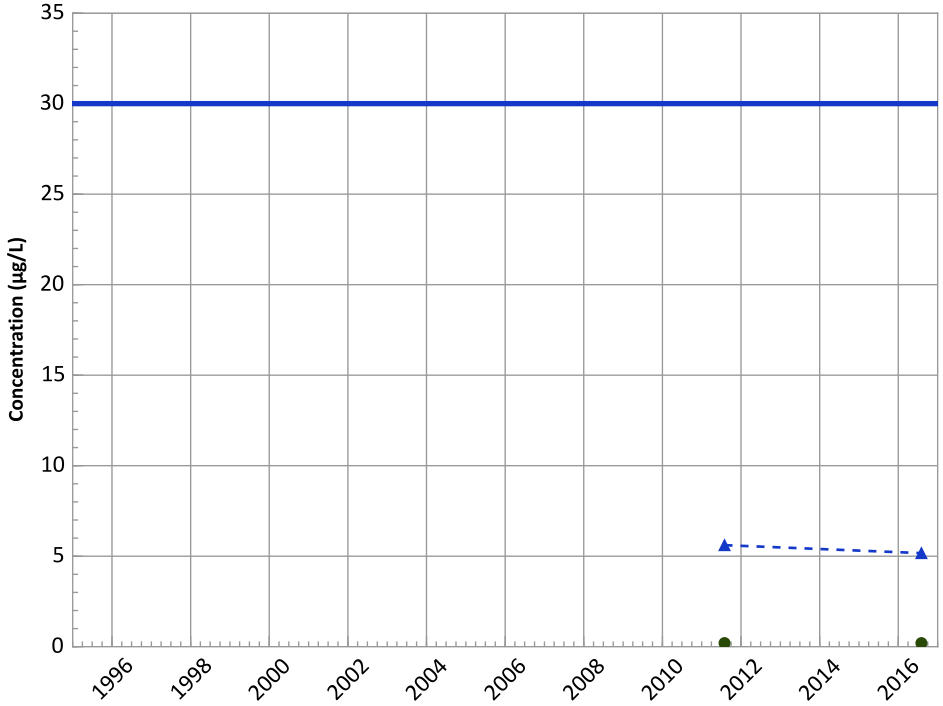


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Uranium, Total Trend



Concentration Trend

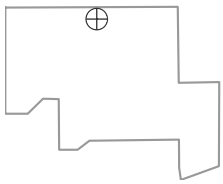
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

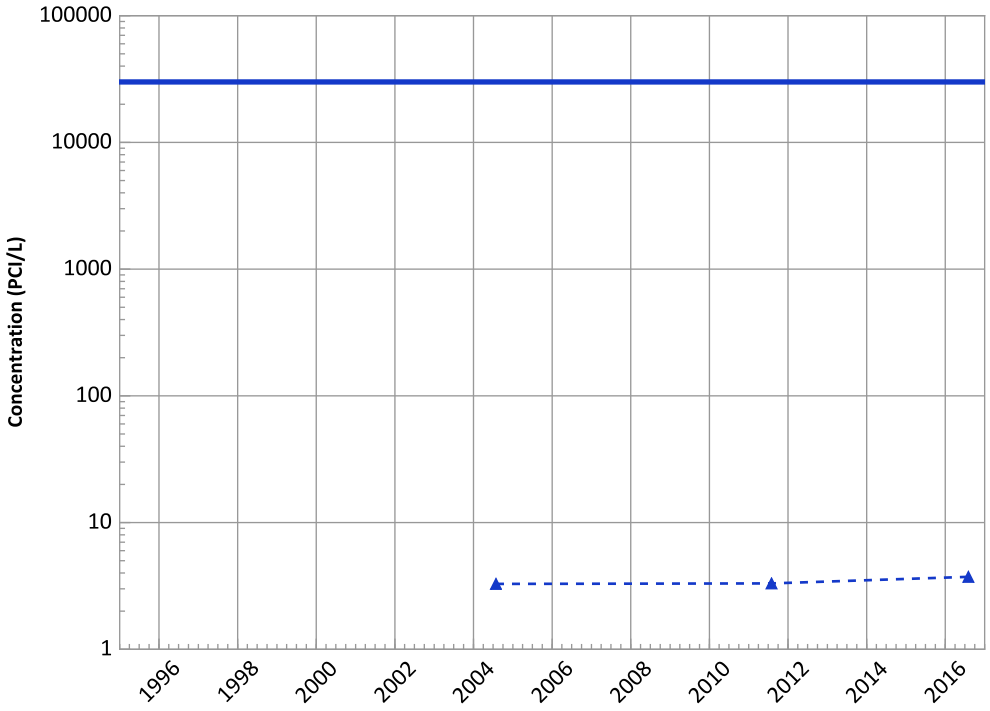
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Uranium-233/234 Trend

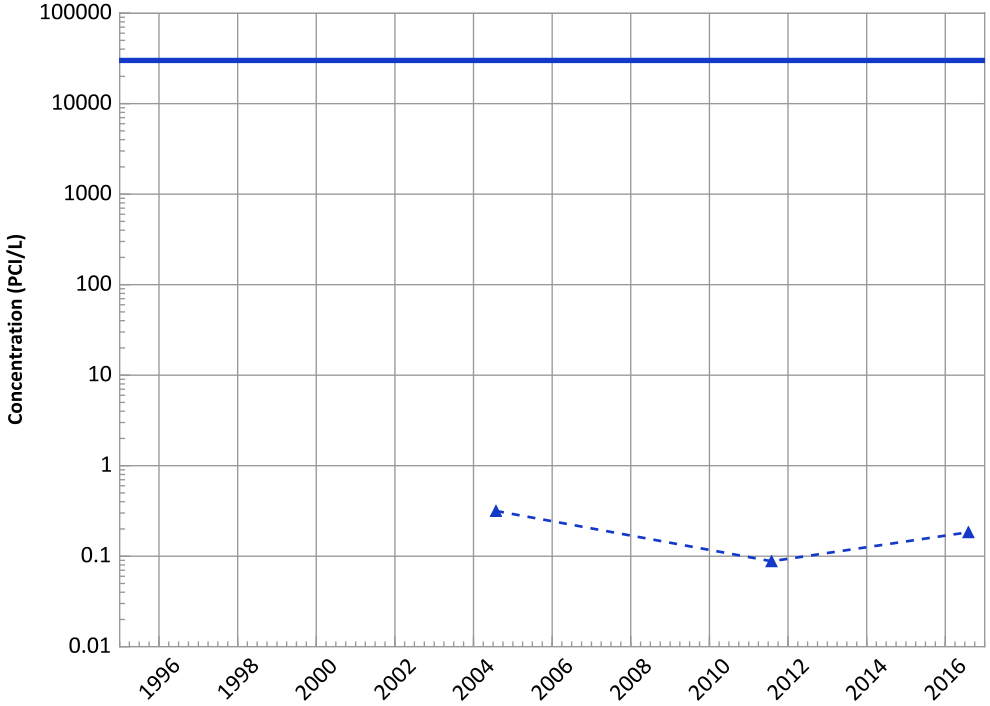


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Uranium-235/236 Trend



Concentration Trend

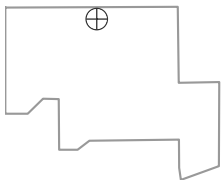
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

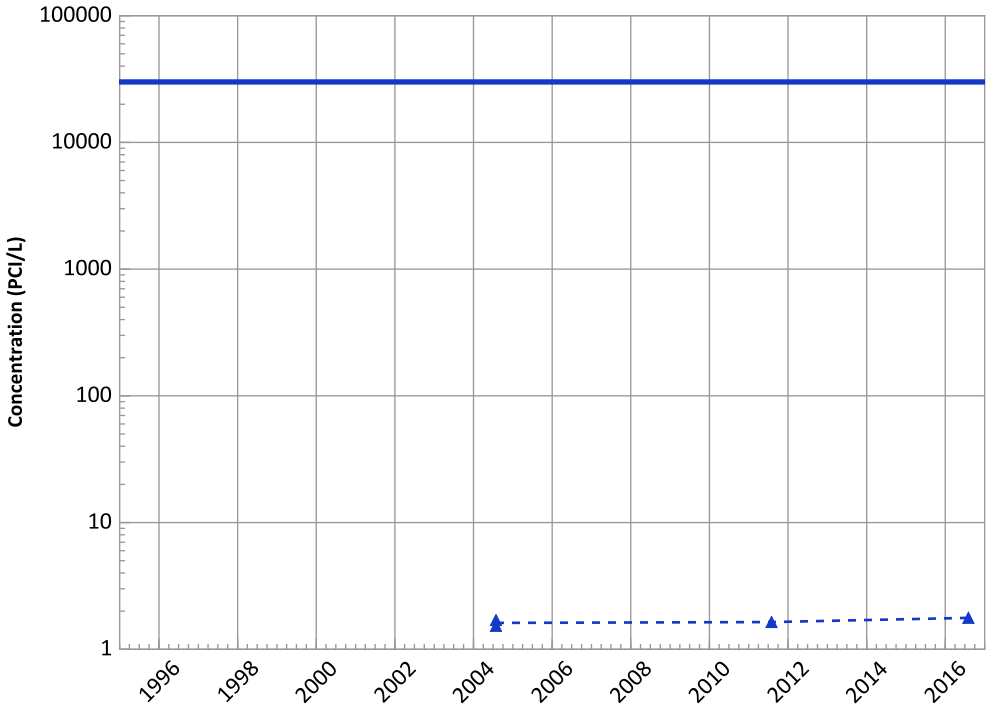
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Uranium-238 Trend

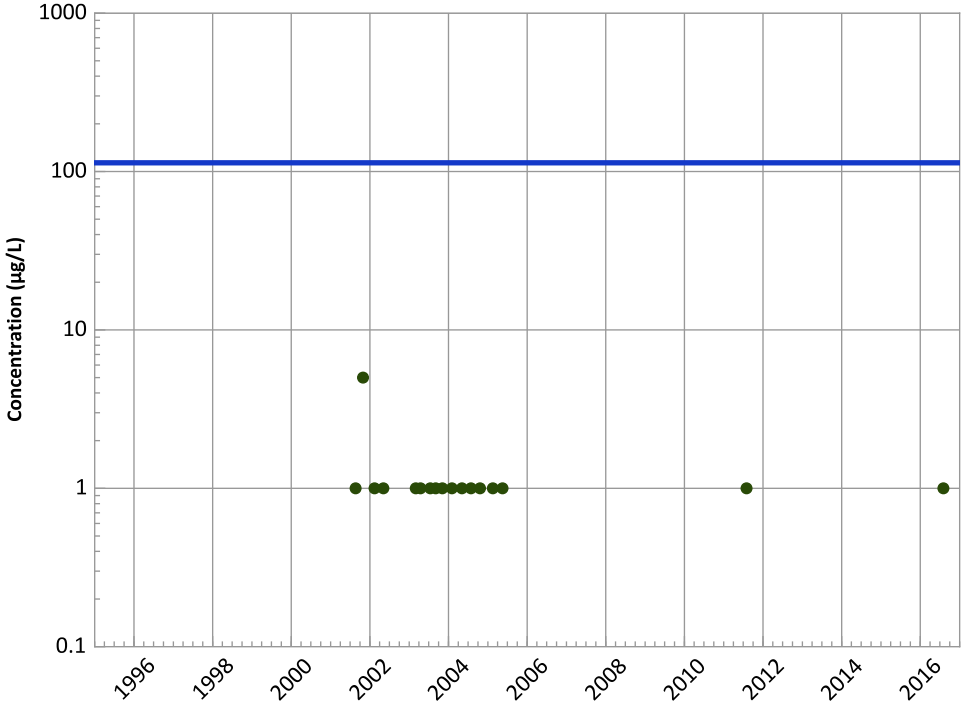


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Dibromomethane Trend



Concentration Trend

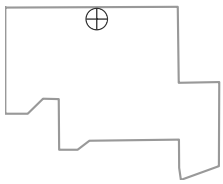
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

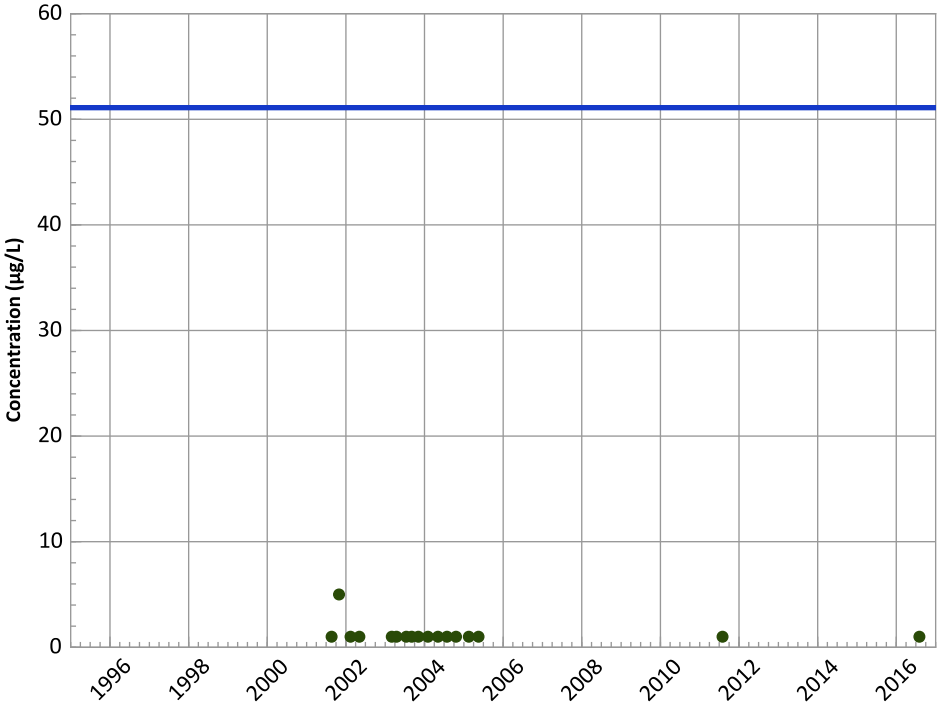
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Bromomethane Trend



Concentration Trend

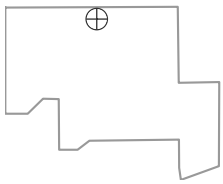
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

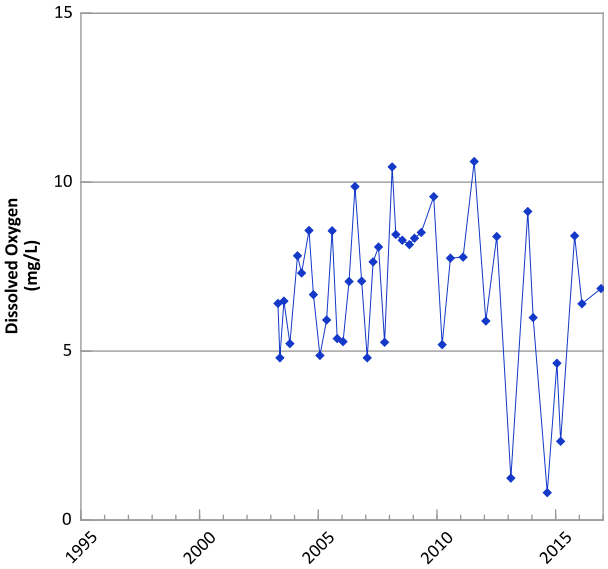
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/21/2001 to 10/31/2016
Analysis Date: 03/07/2017

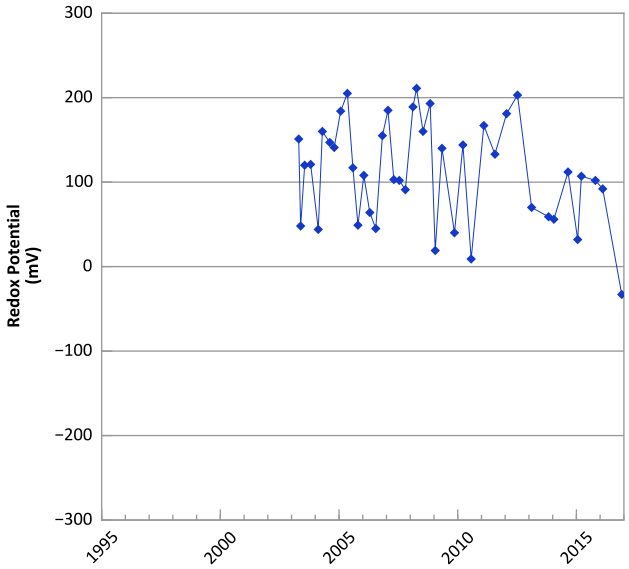
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

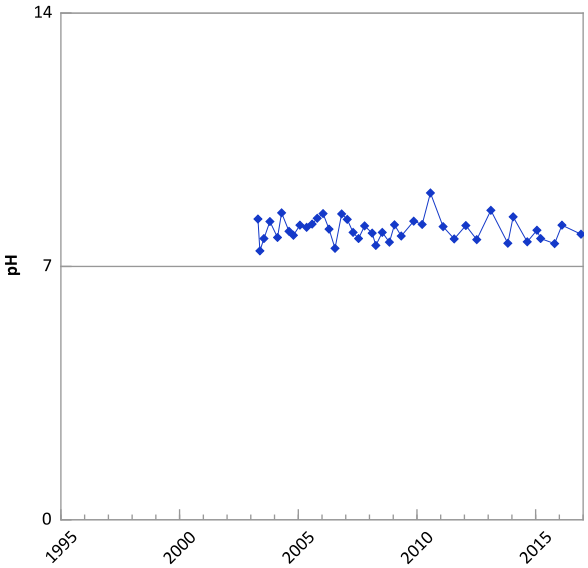
Well Location

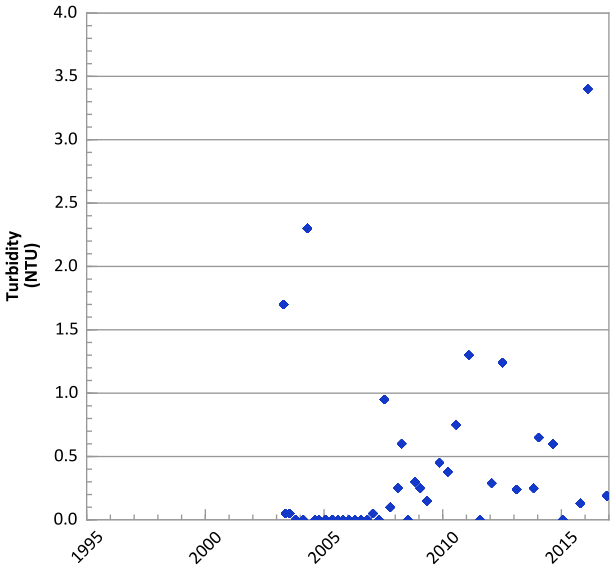


PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



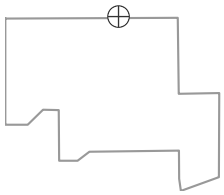






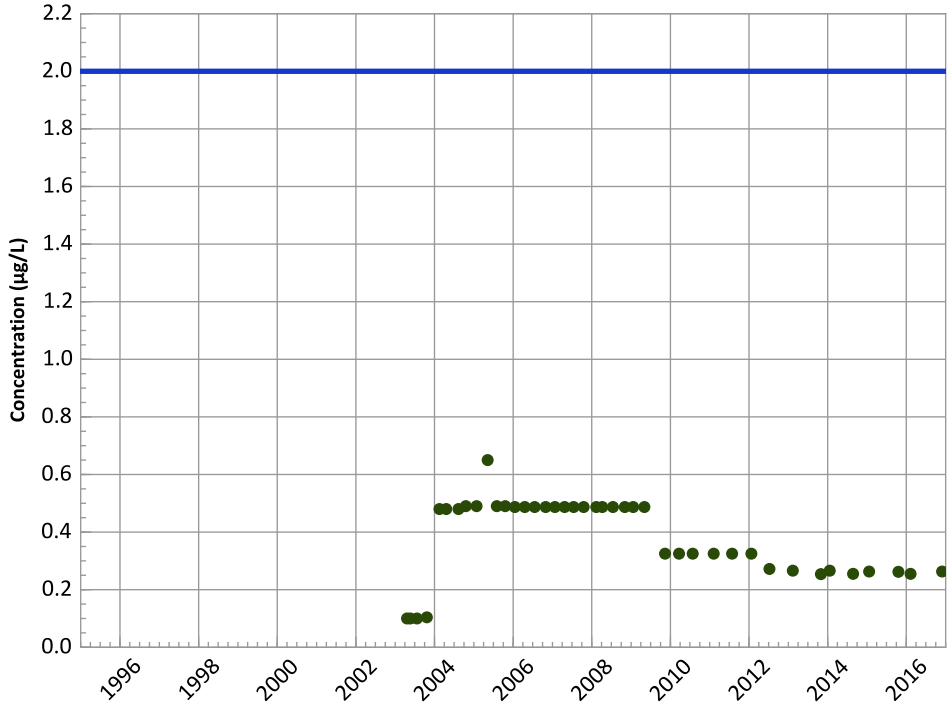
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

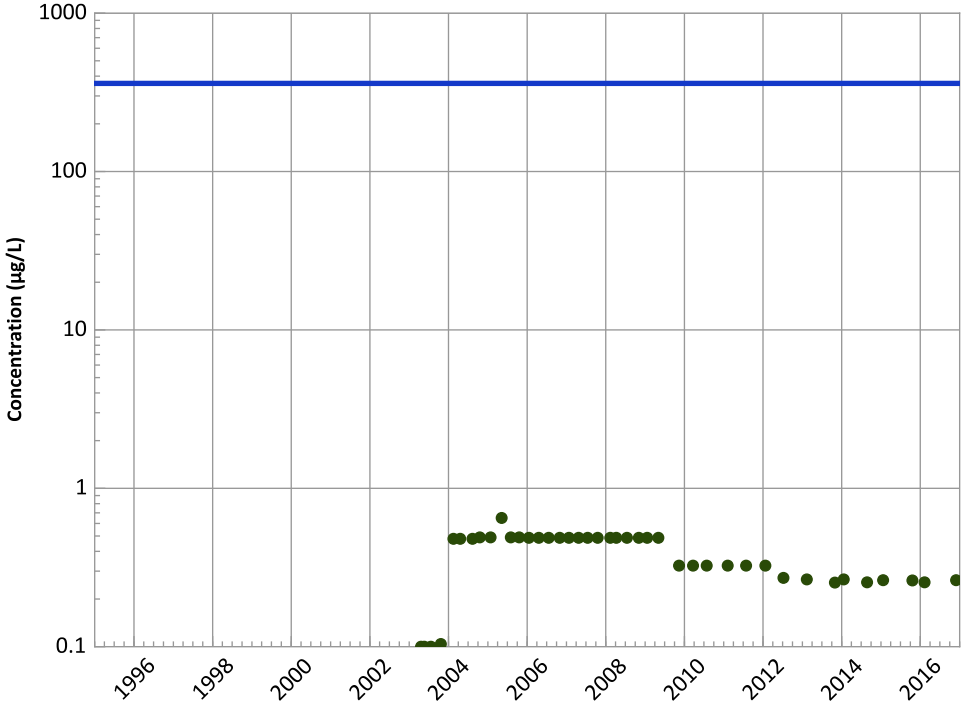


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

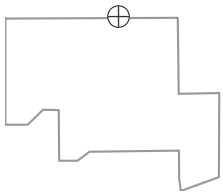
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

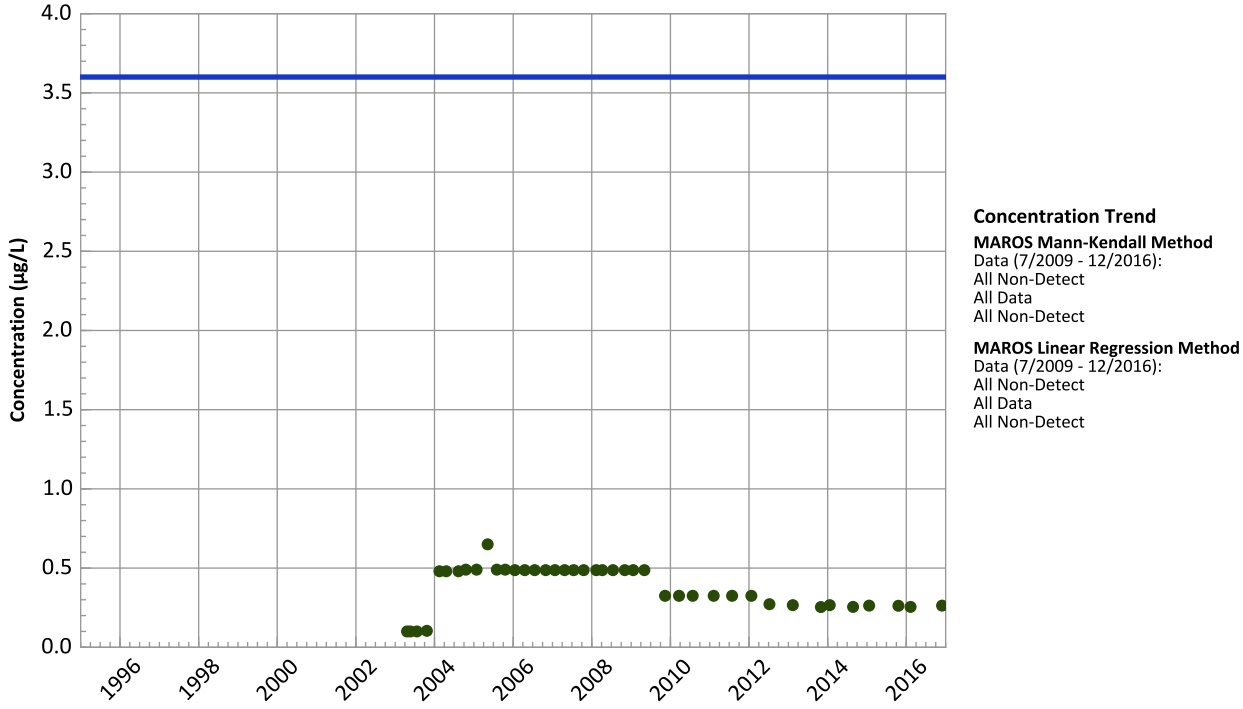
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

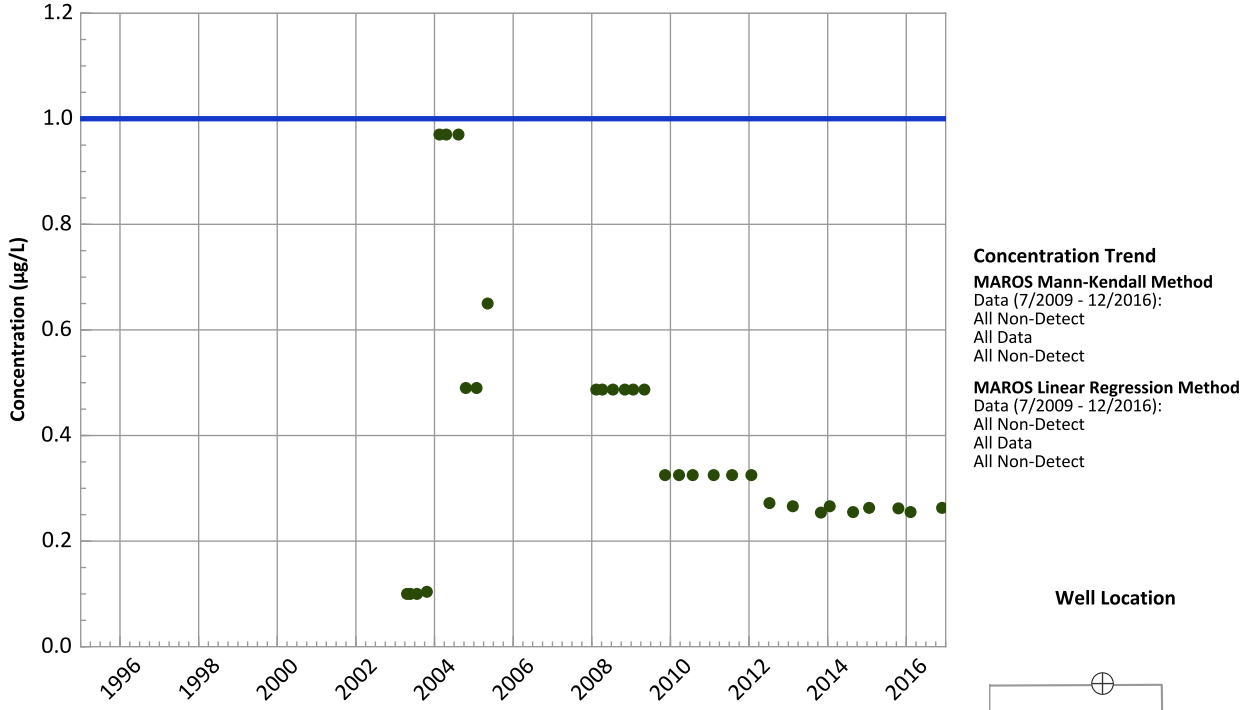


PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



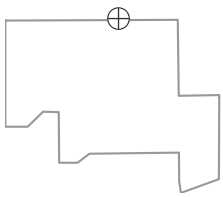
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

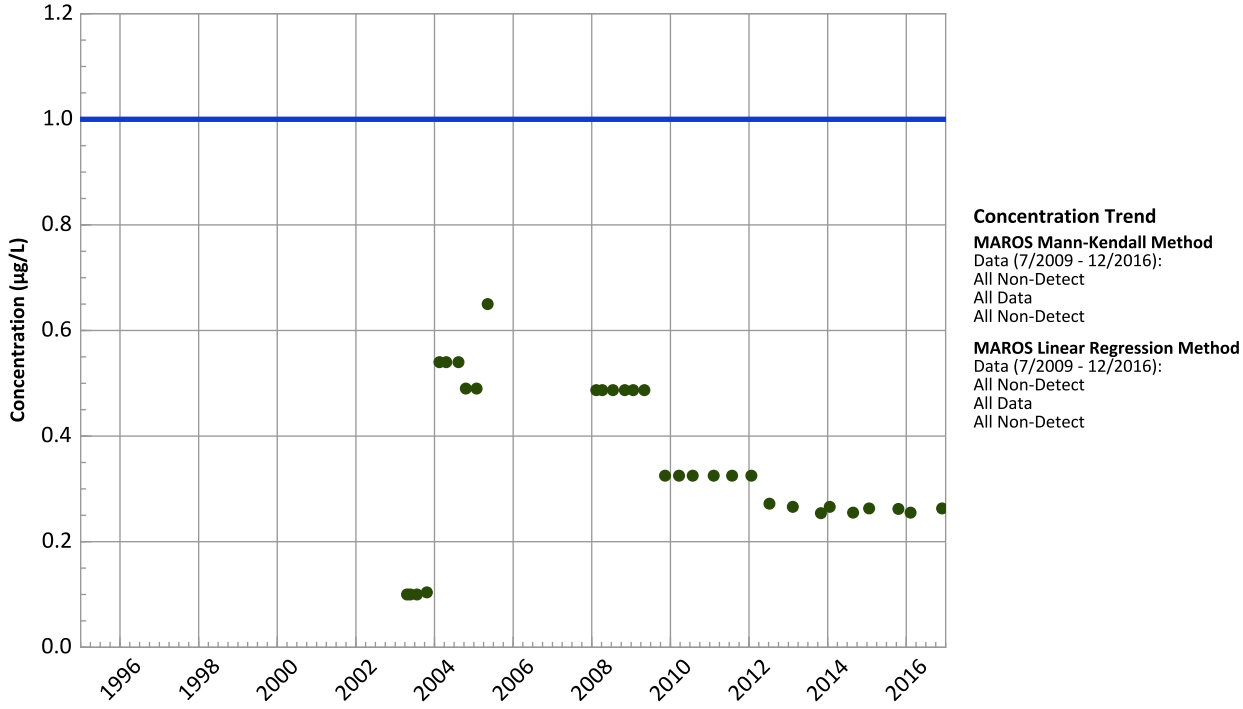
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

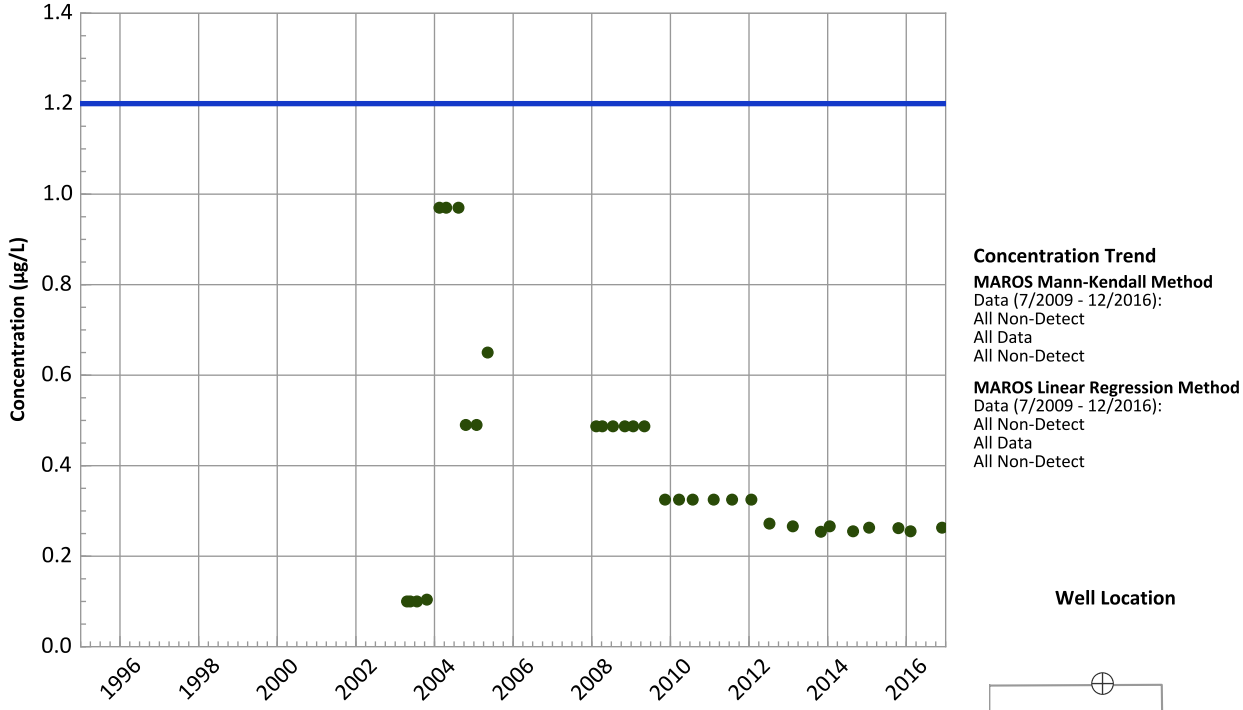


PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



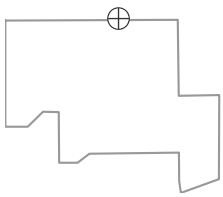
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

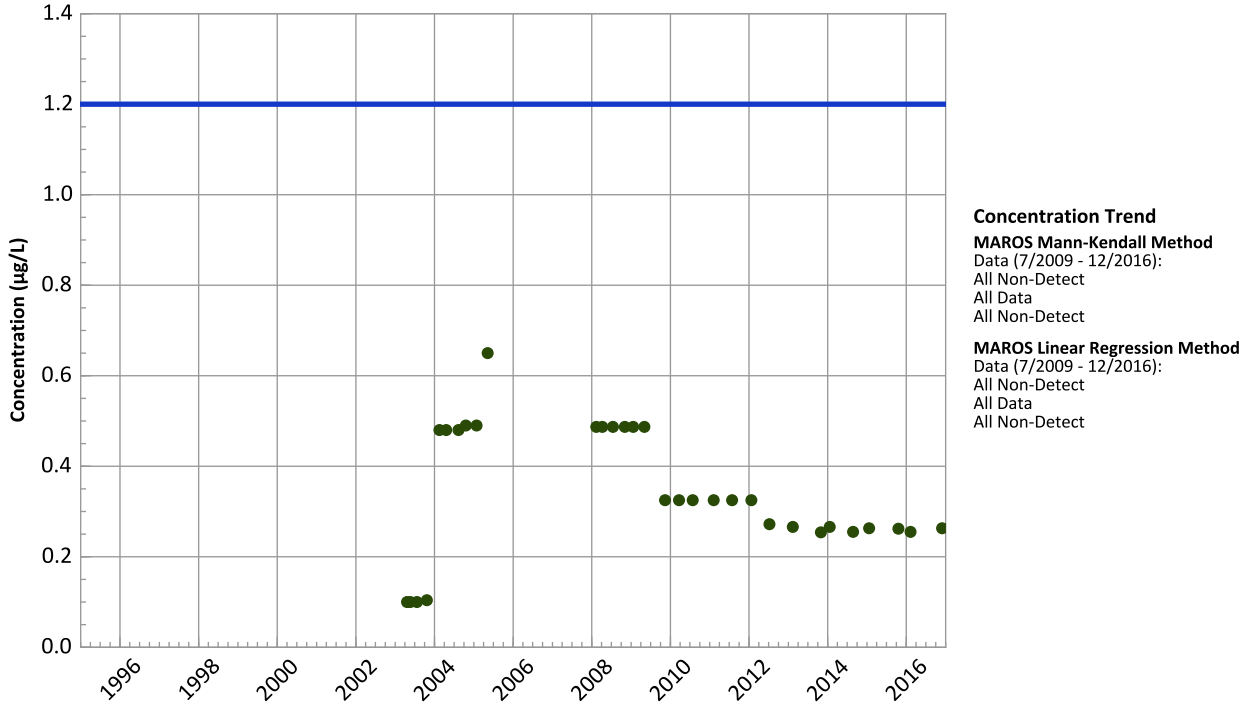
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

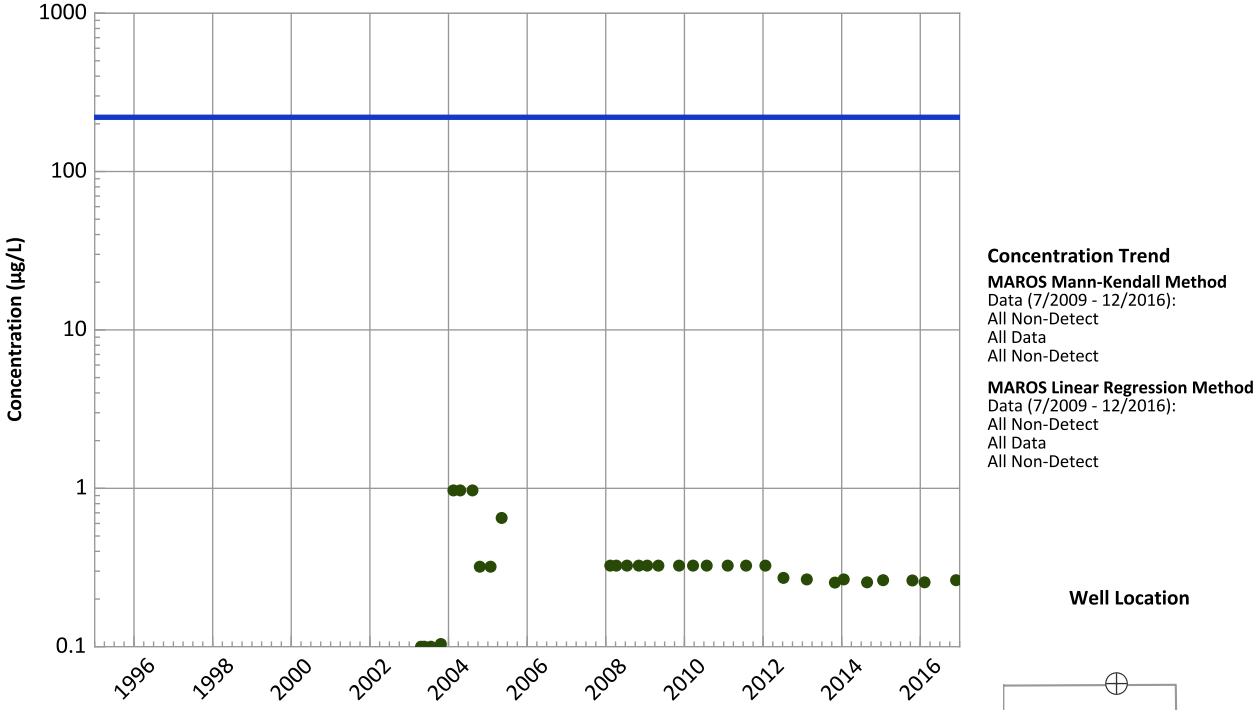


PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



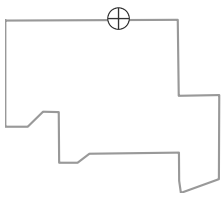
1,3,5-Trinitrobenzene Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

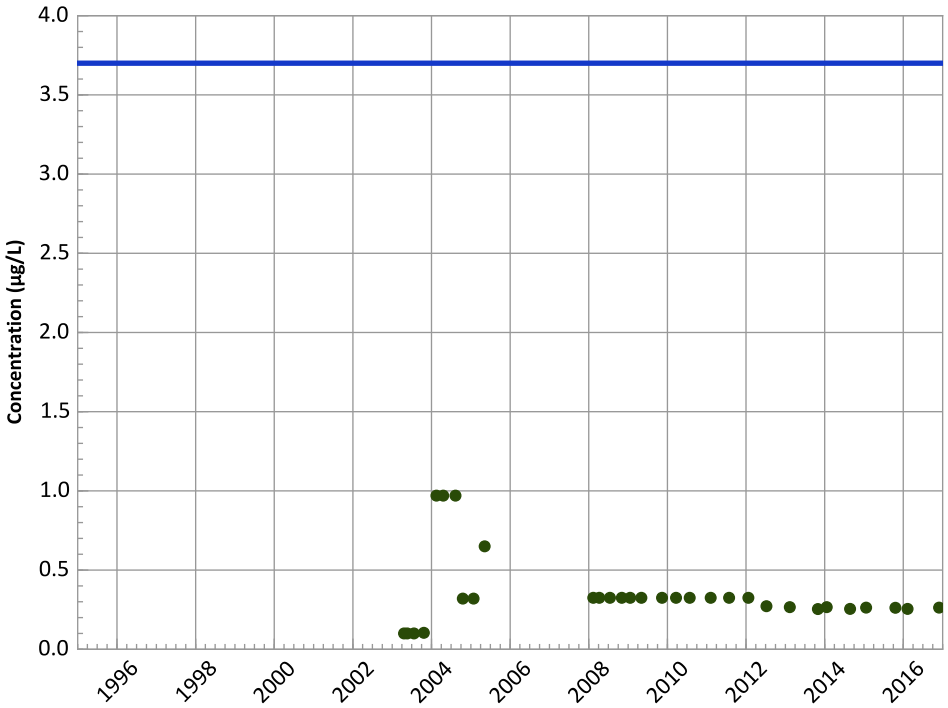
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

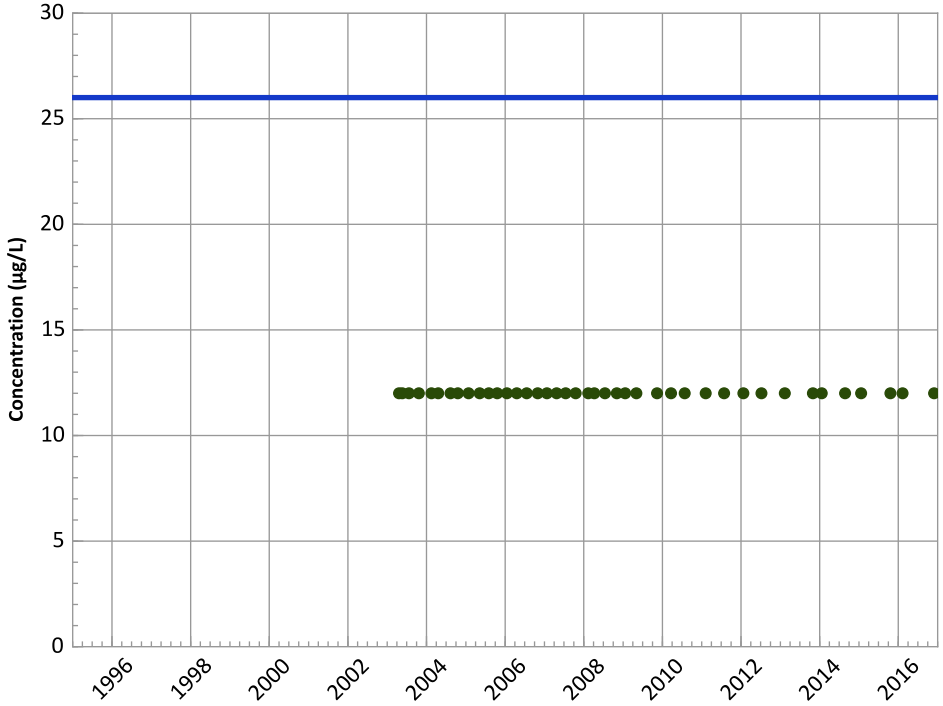


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

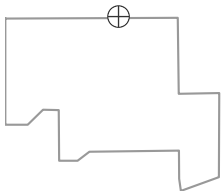
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

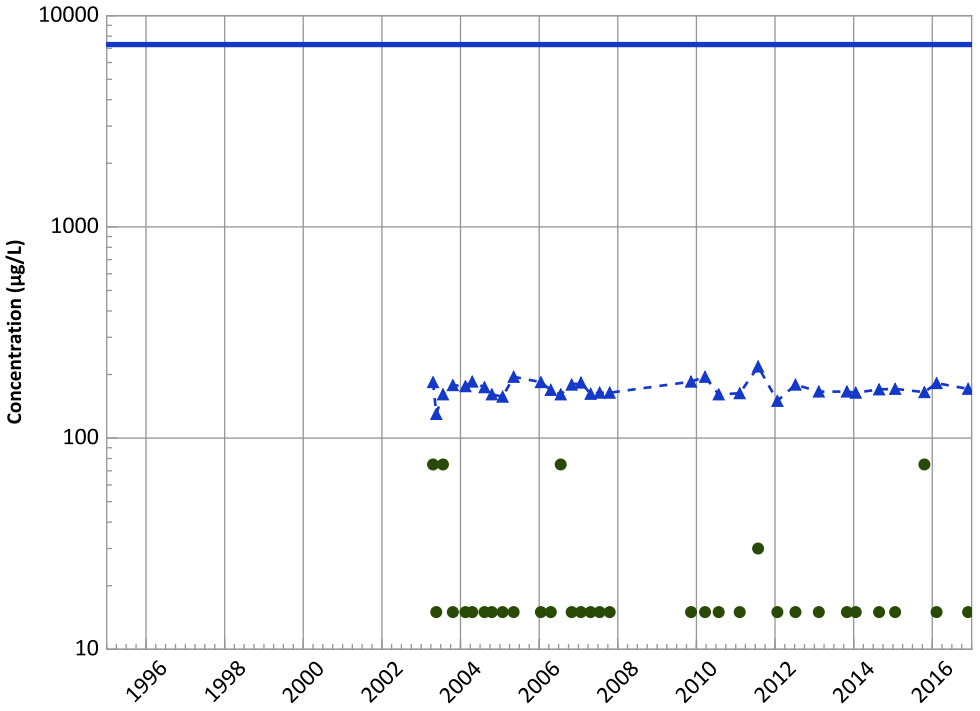
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

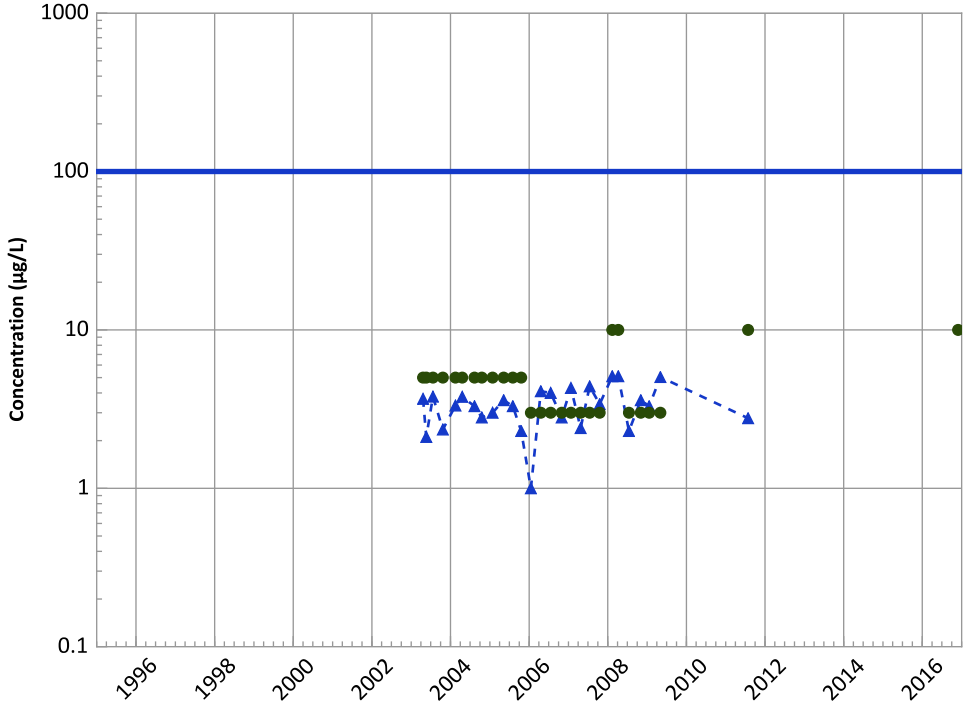


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Chromium, Total Trend



Concentration Trend

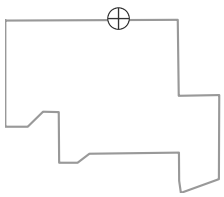
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

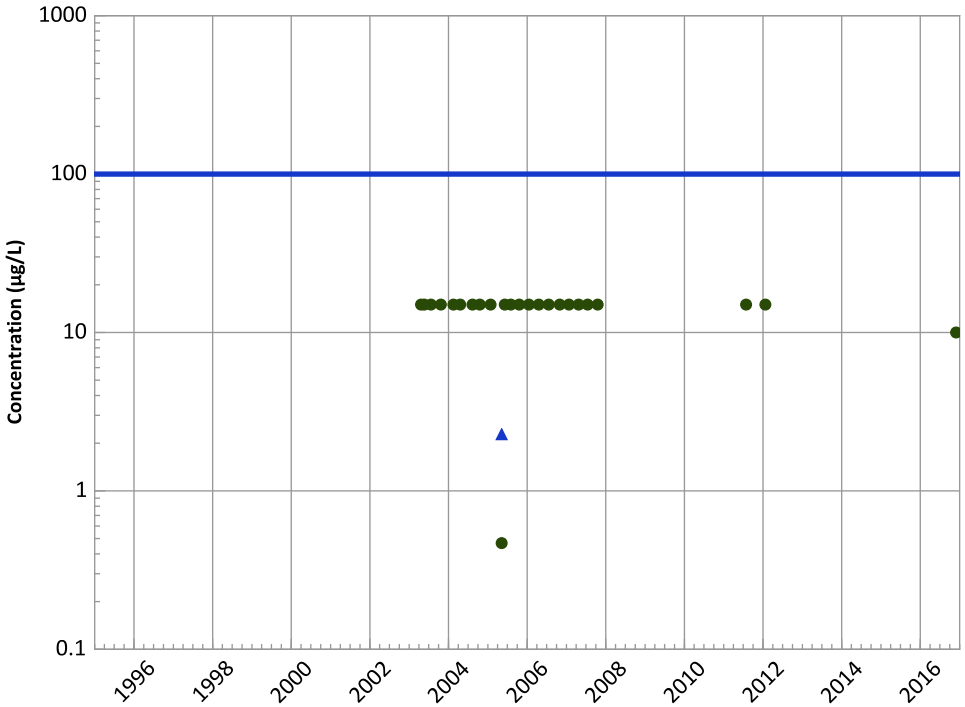
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

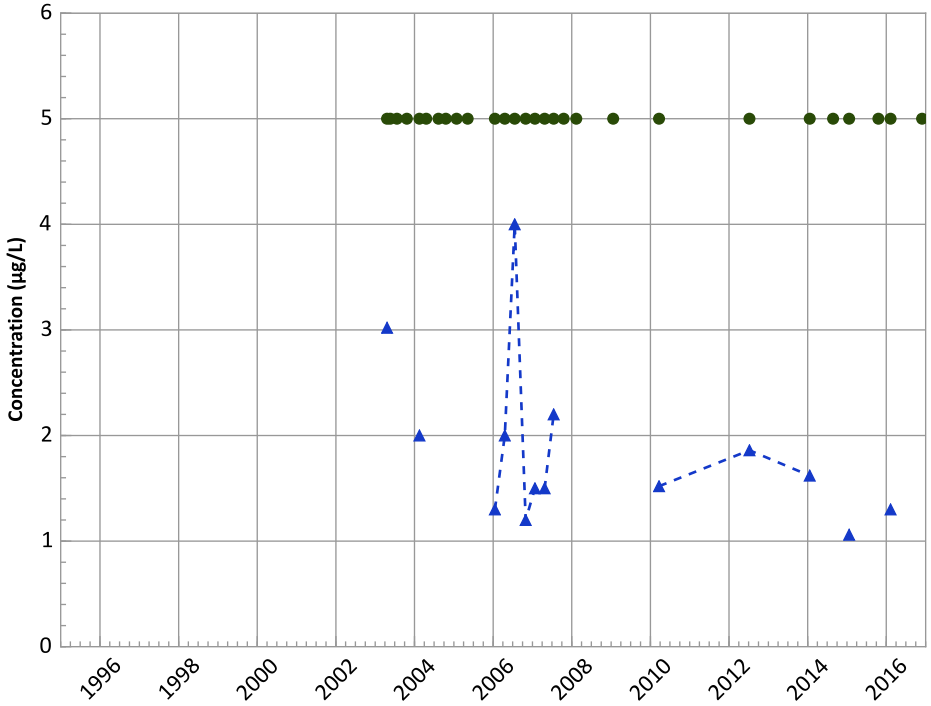


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

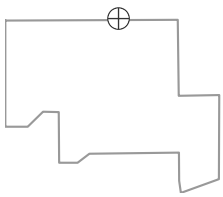
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

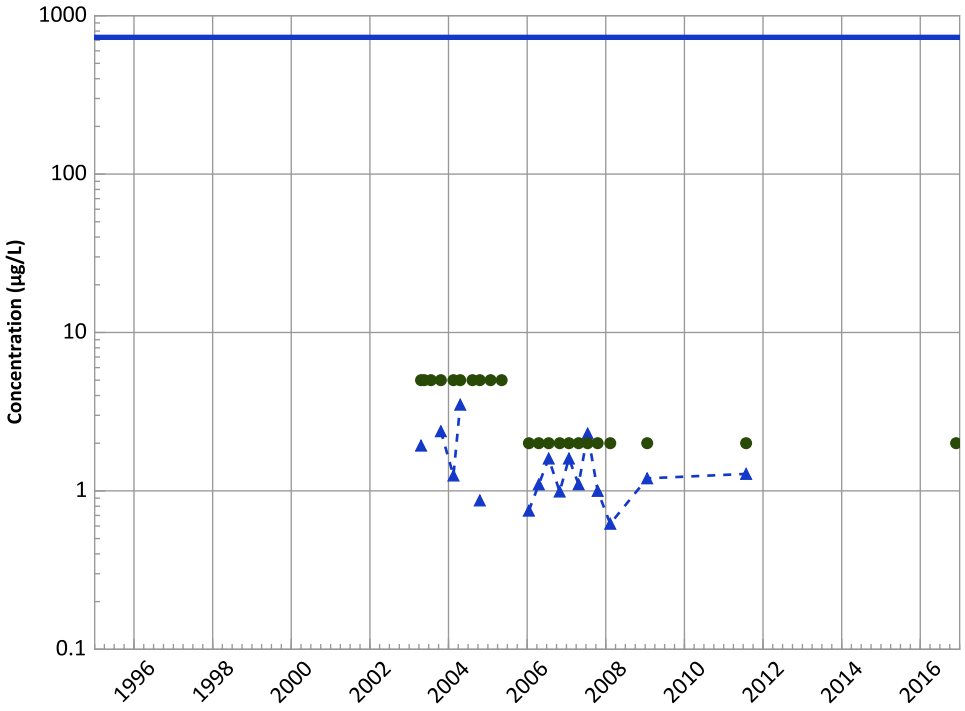
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

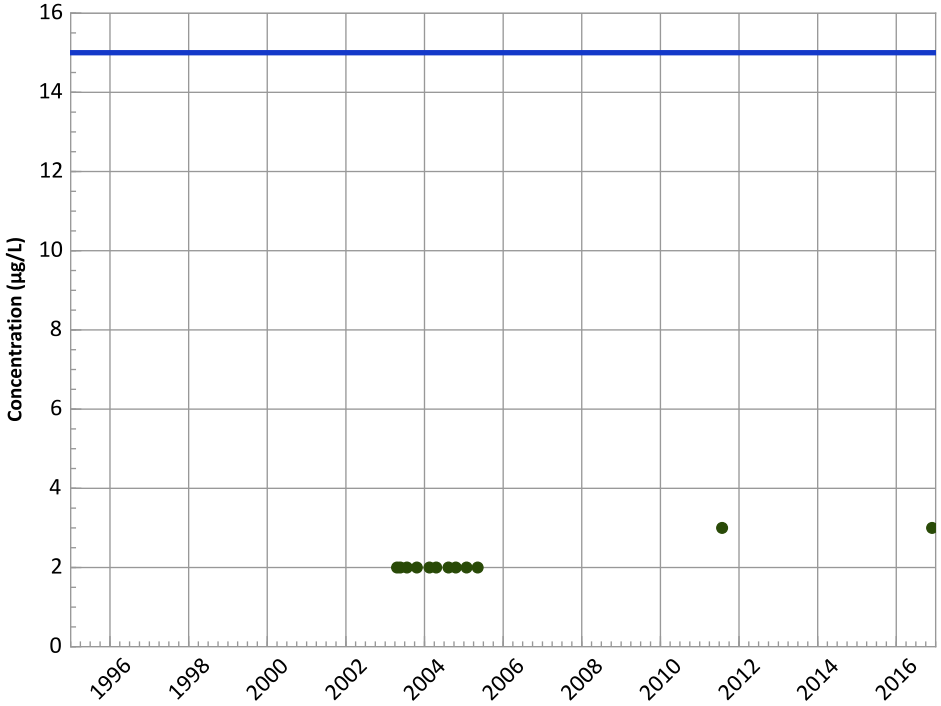


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

Antimony Trend



Concentration Trend

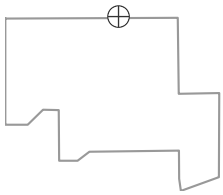
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

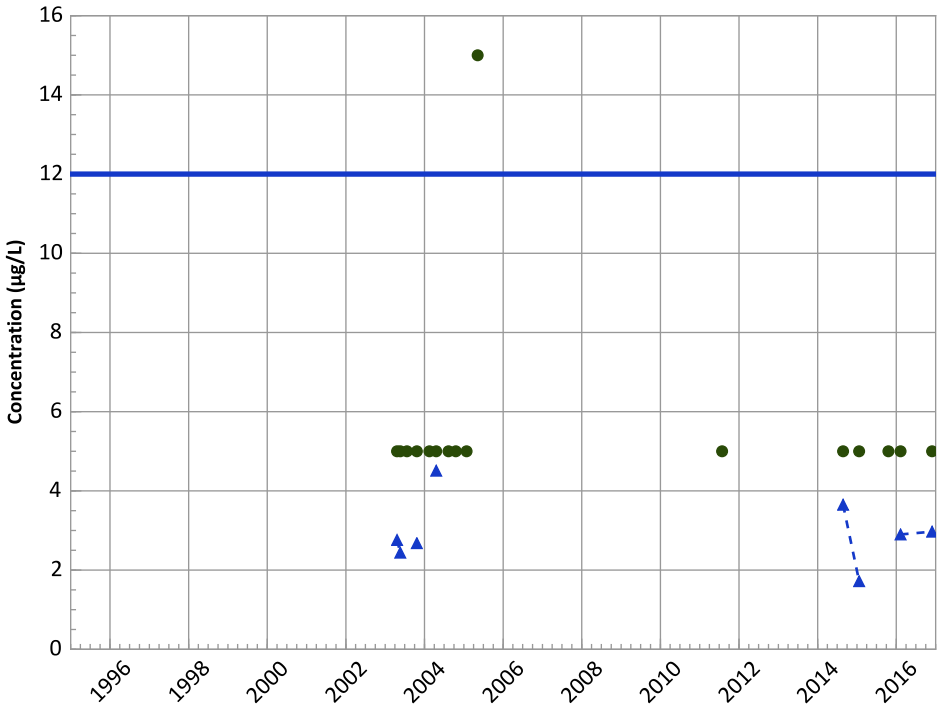
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

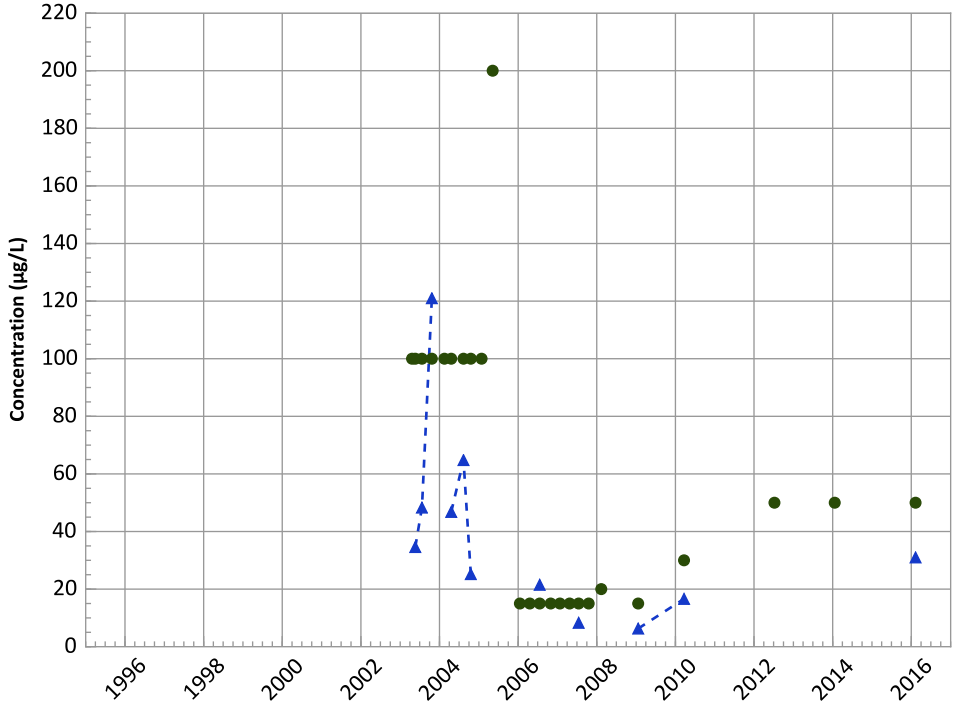


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Stable

Aluminum Trend



Concentration Trend

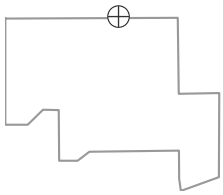
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

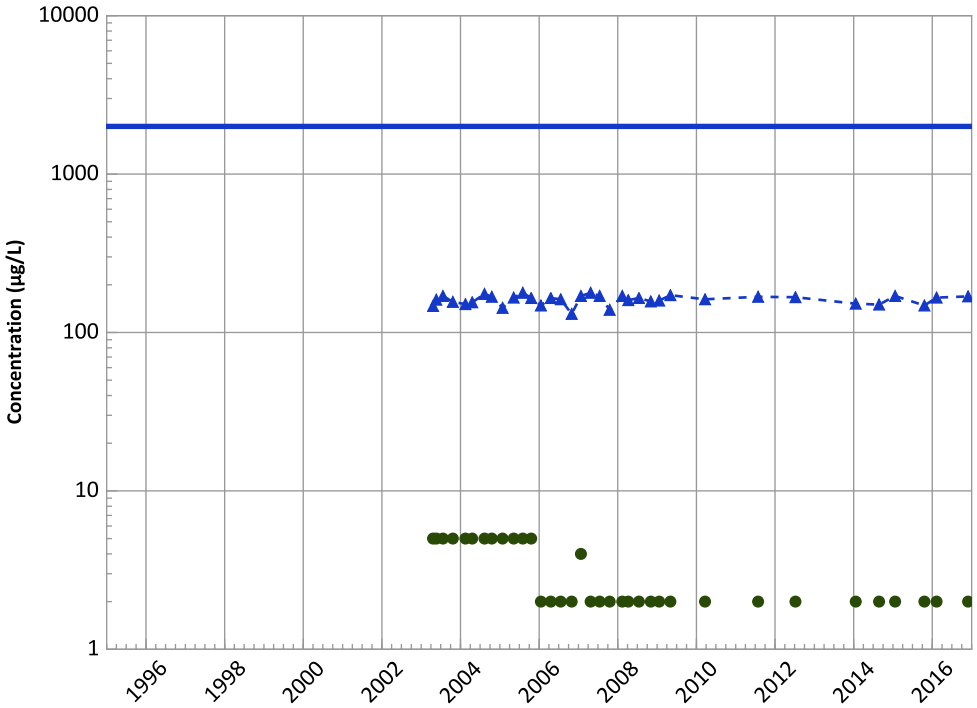
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

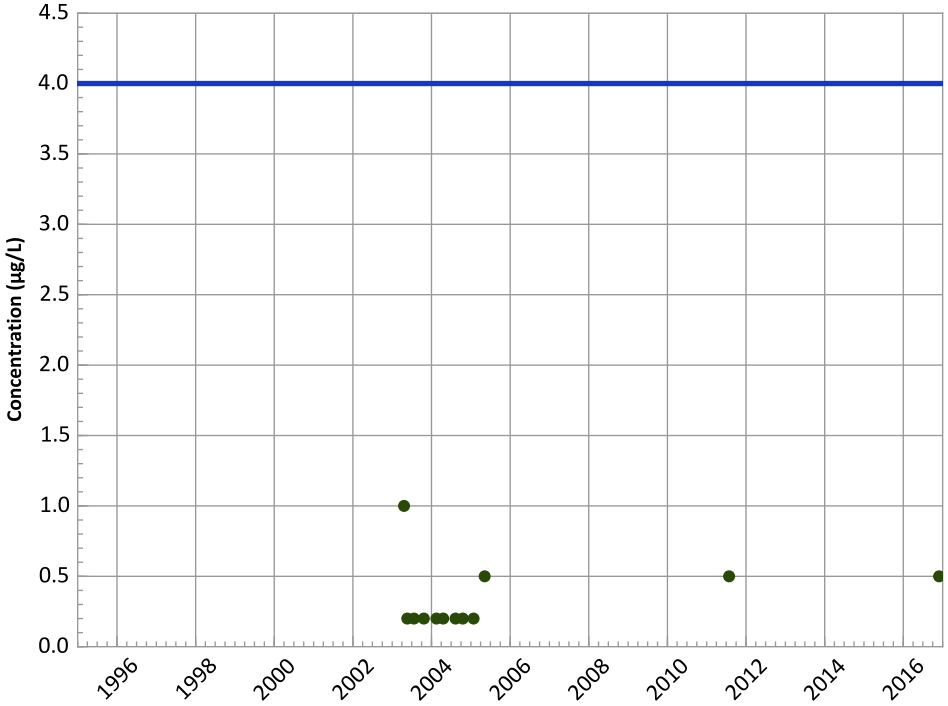


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Beryllium Trend



Concentration Trend

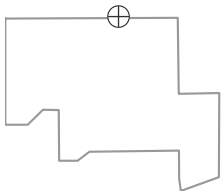
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

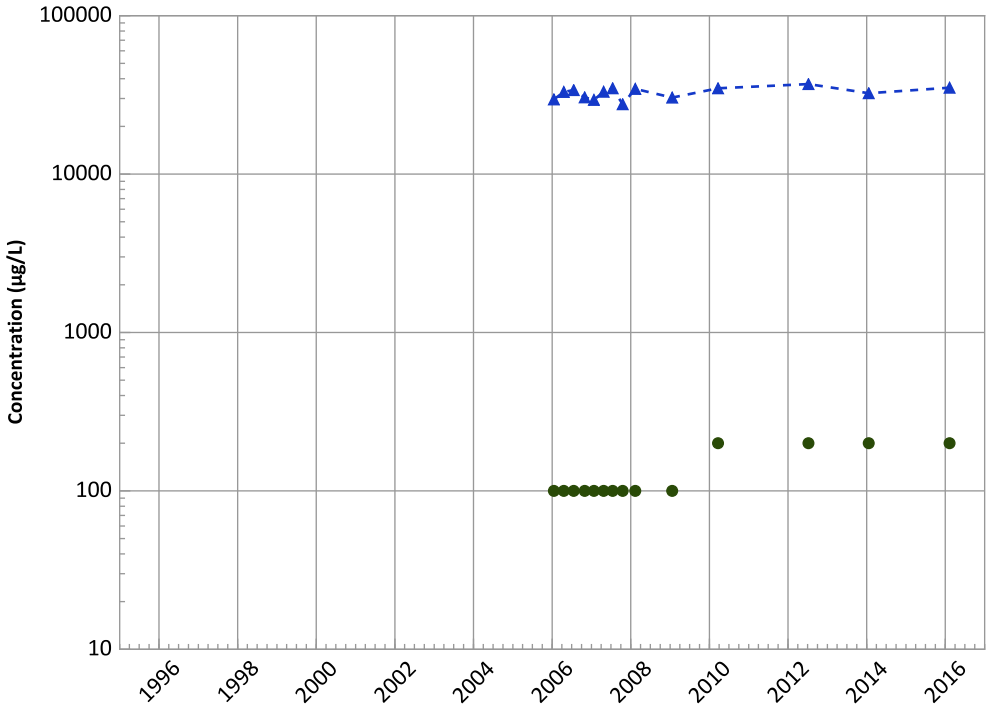
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

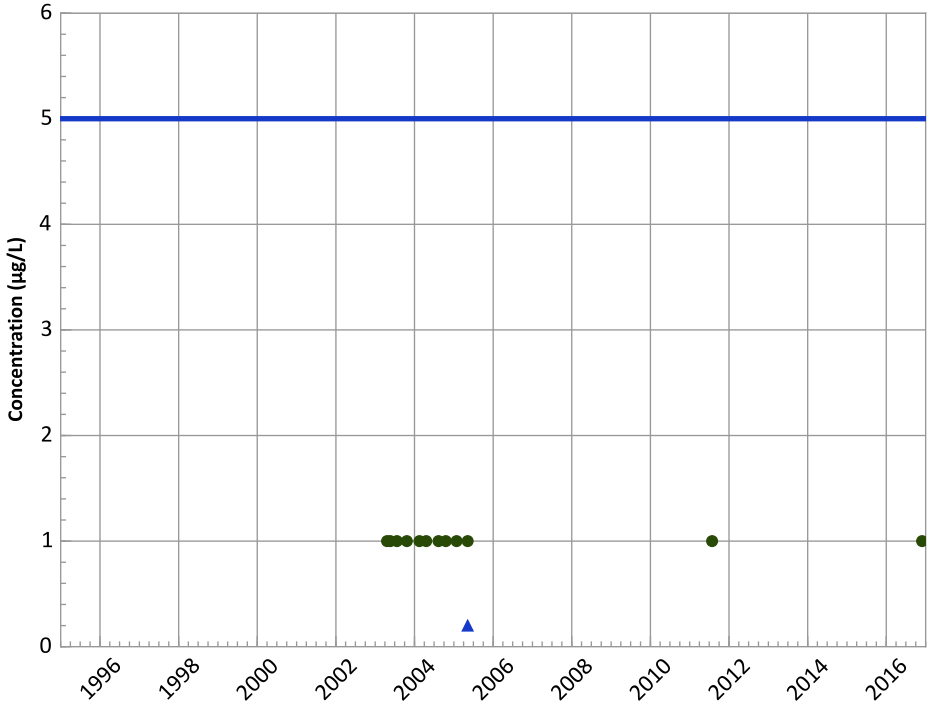


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Increasing

Cadmium Trend



Concentration Trend

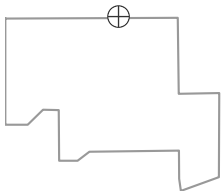
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

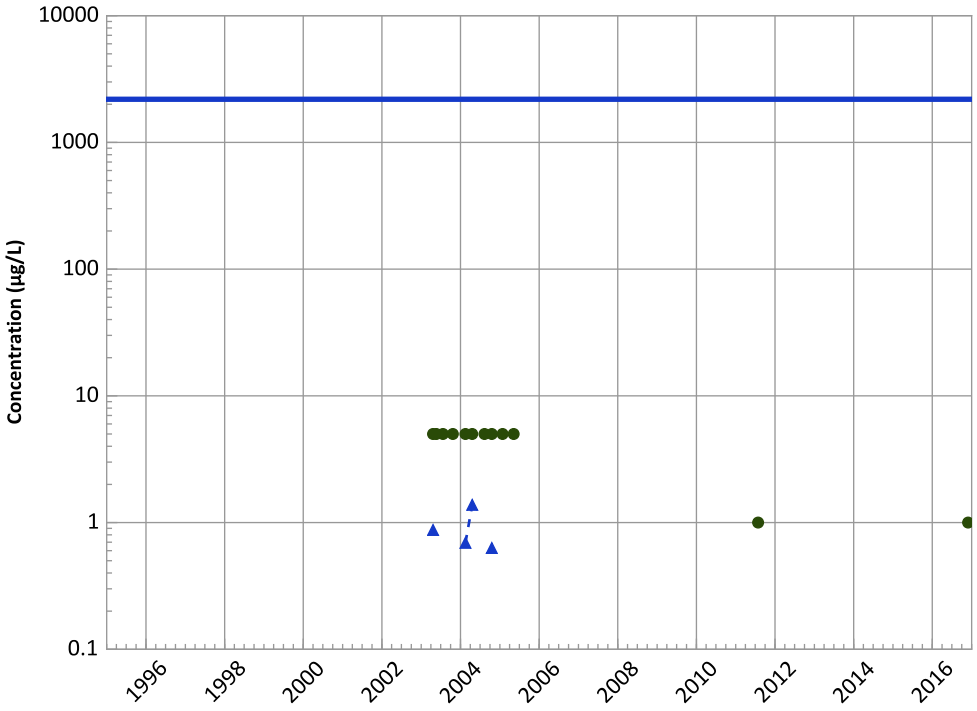
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Cobalt Trend

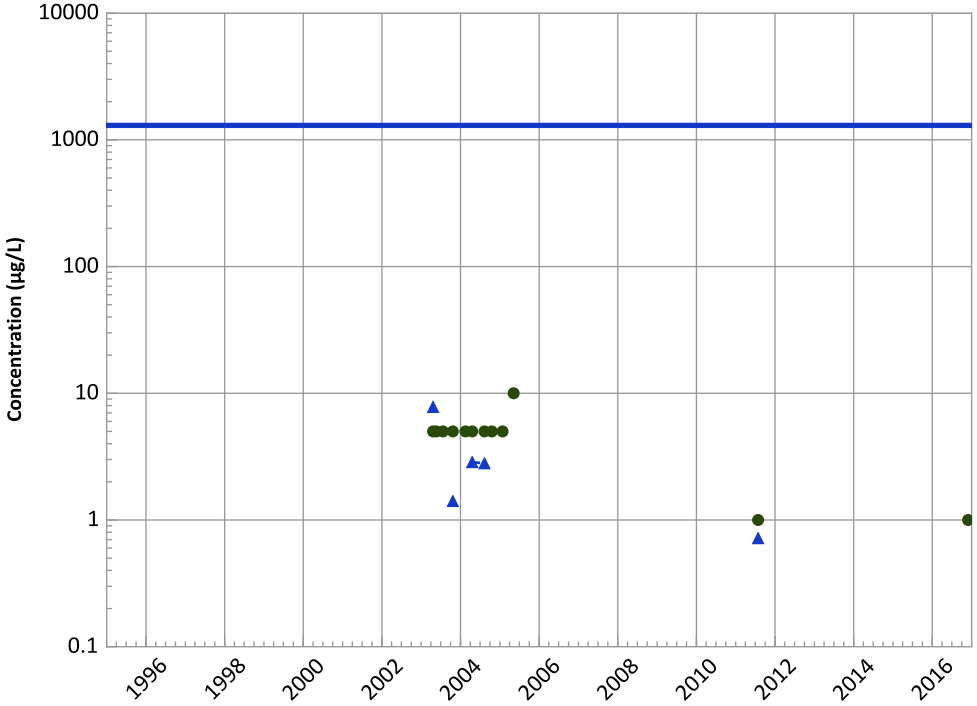


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Copper Trend



Concentration Trend

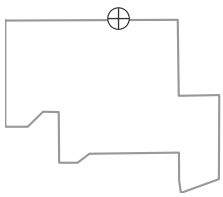
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

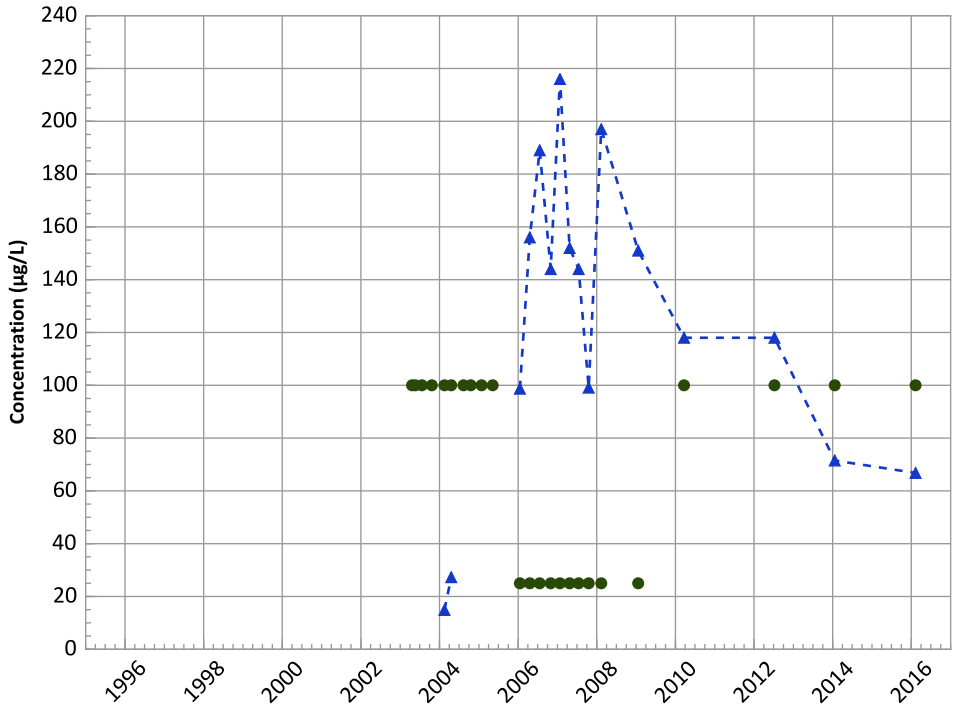
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

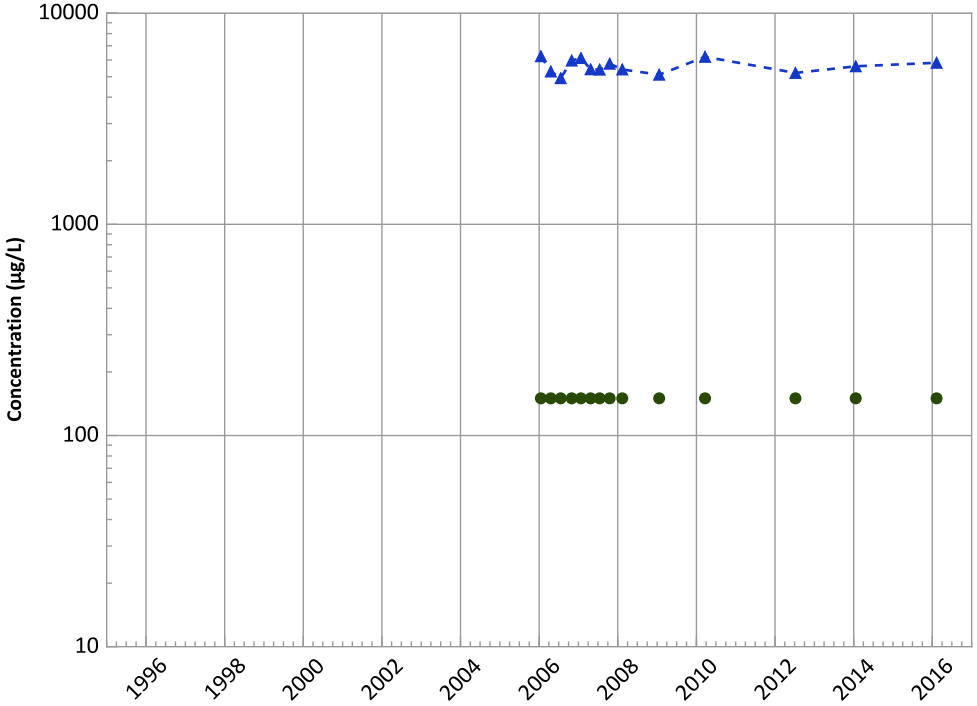


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
No Trend

Potassium Trend



Concentration Trend

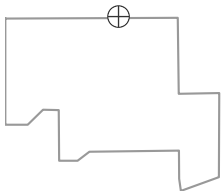
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

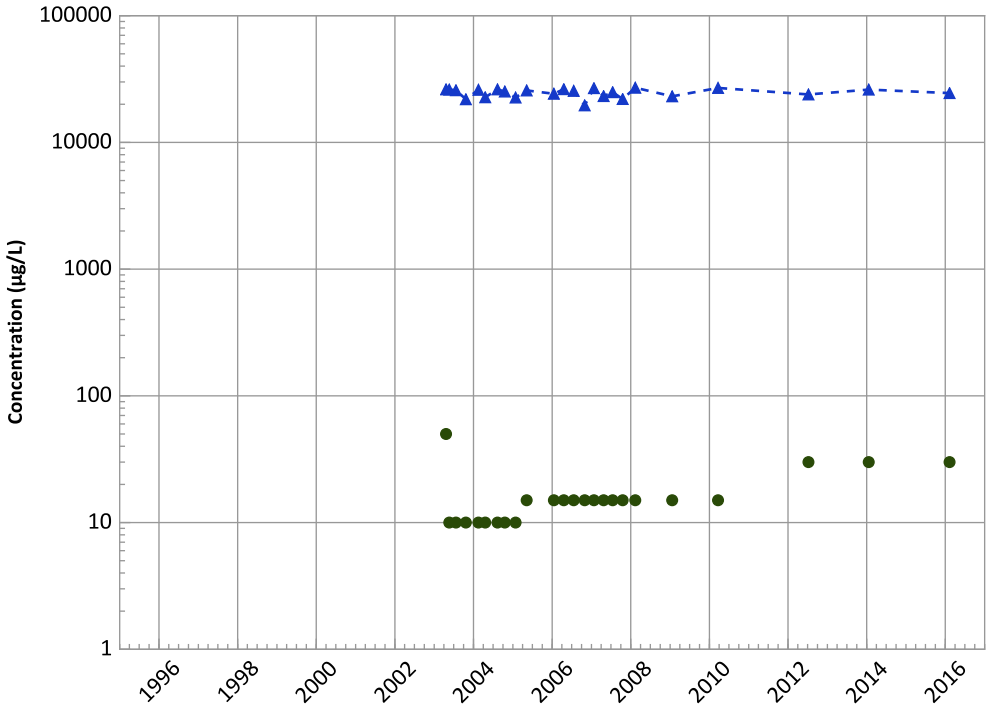
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

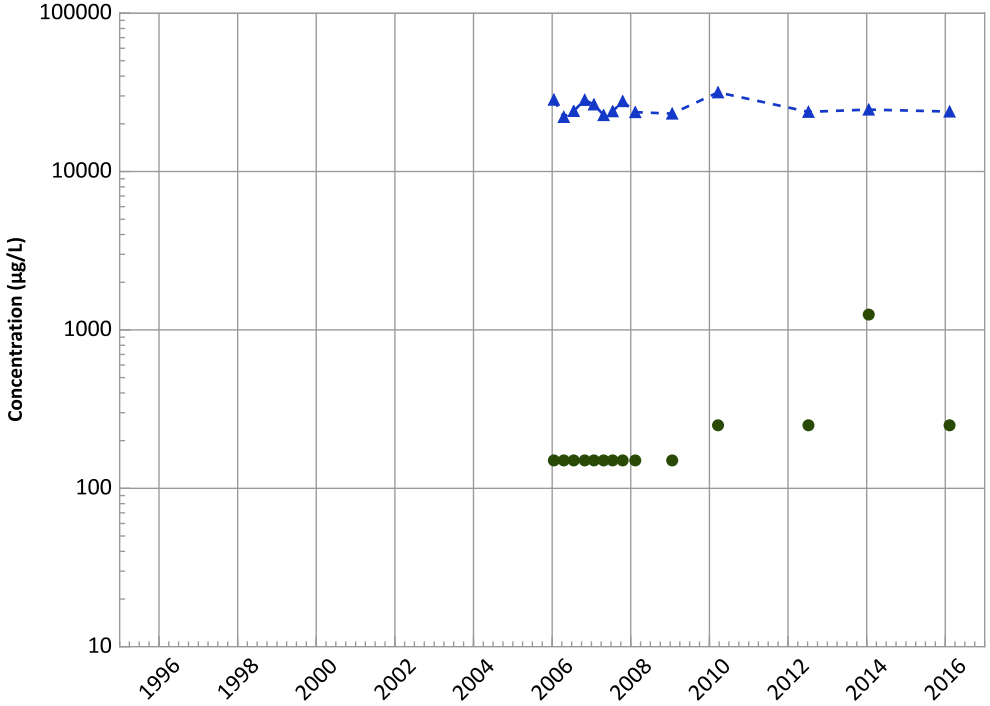


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Sodium Trend



Concentration Trend

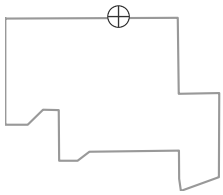
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

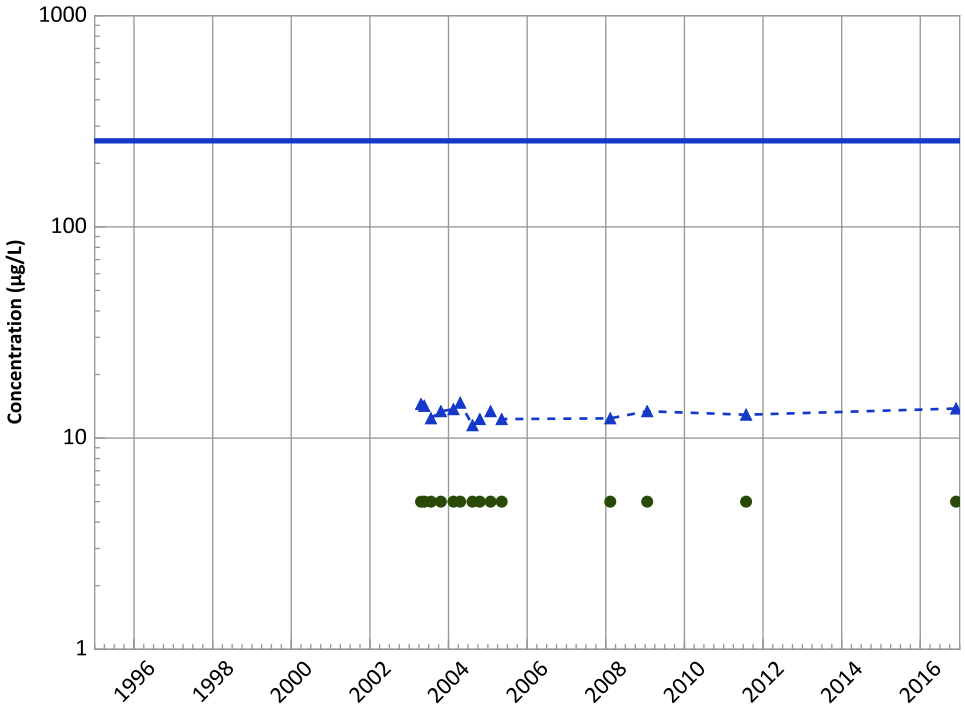
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

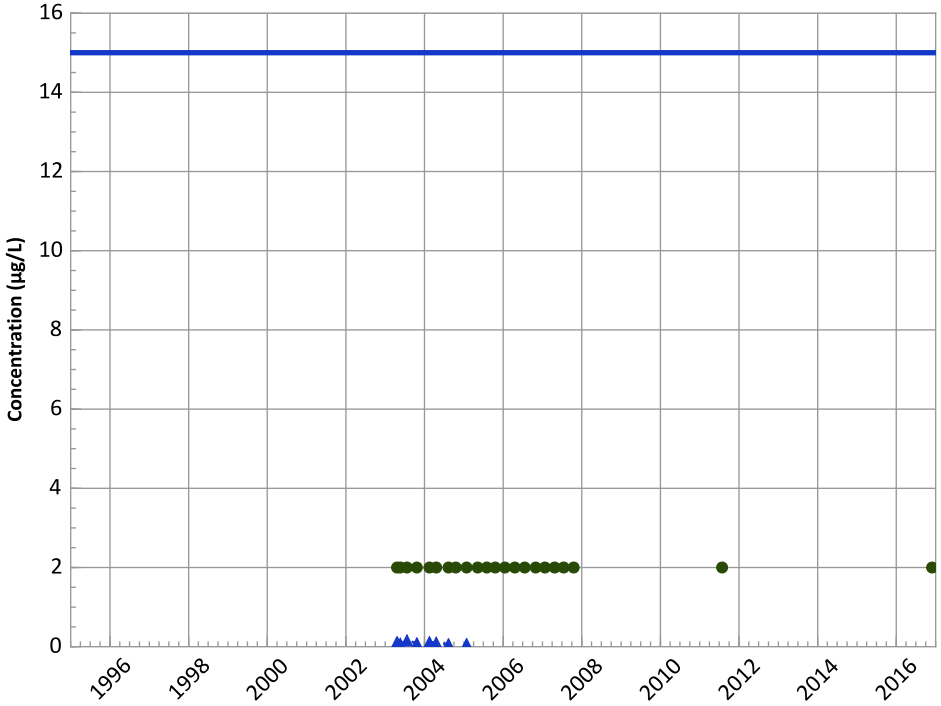


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Lead Trend



Concentration Trend

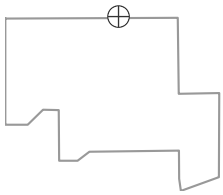
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

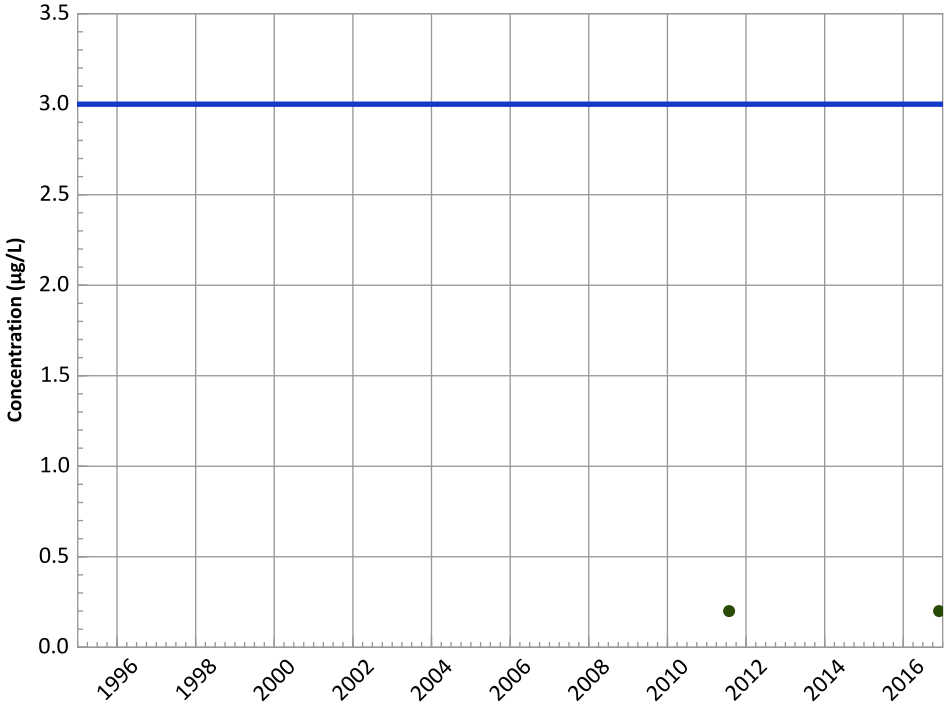
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Mercury Trend

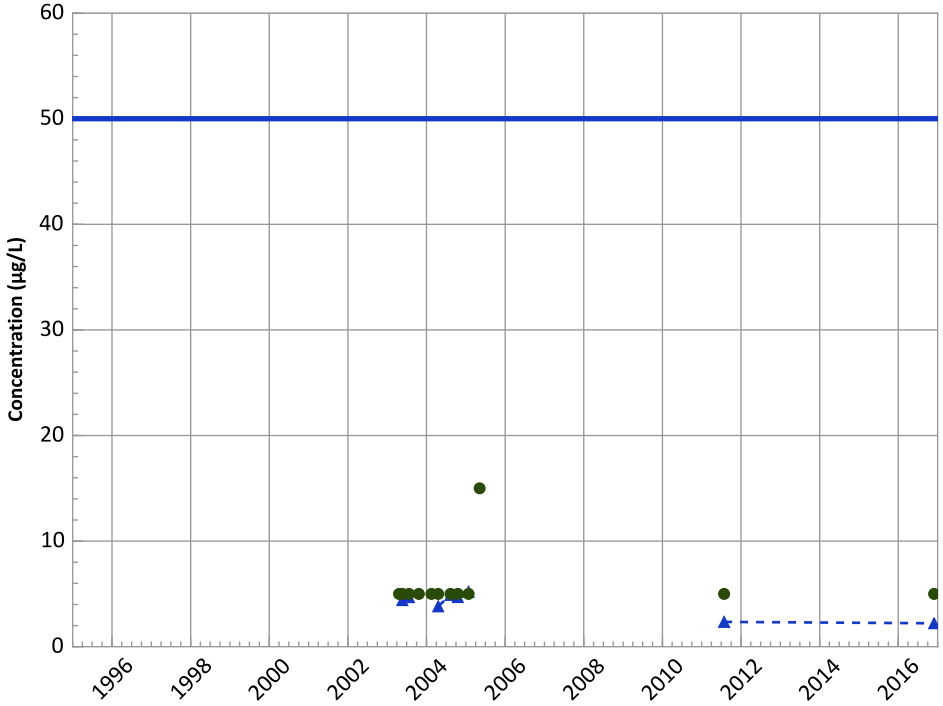


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Selenium Trend



Concentration Trend

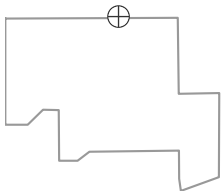
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

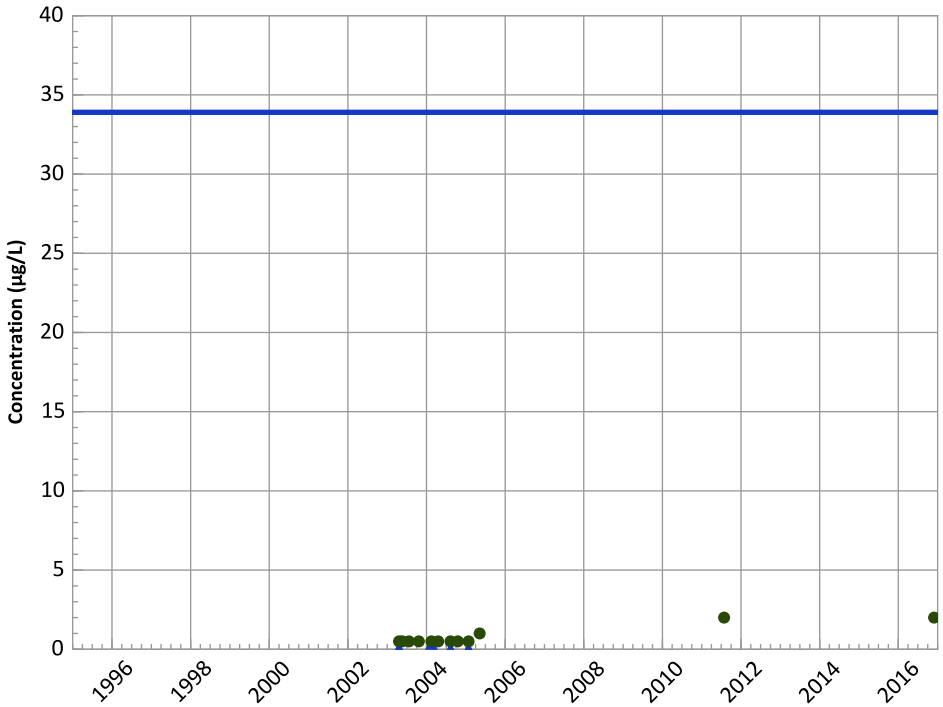
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Thallium Trend

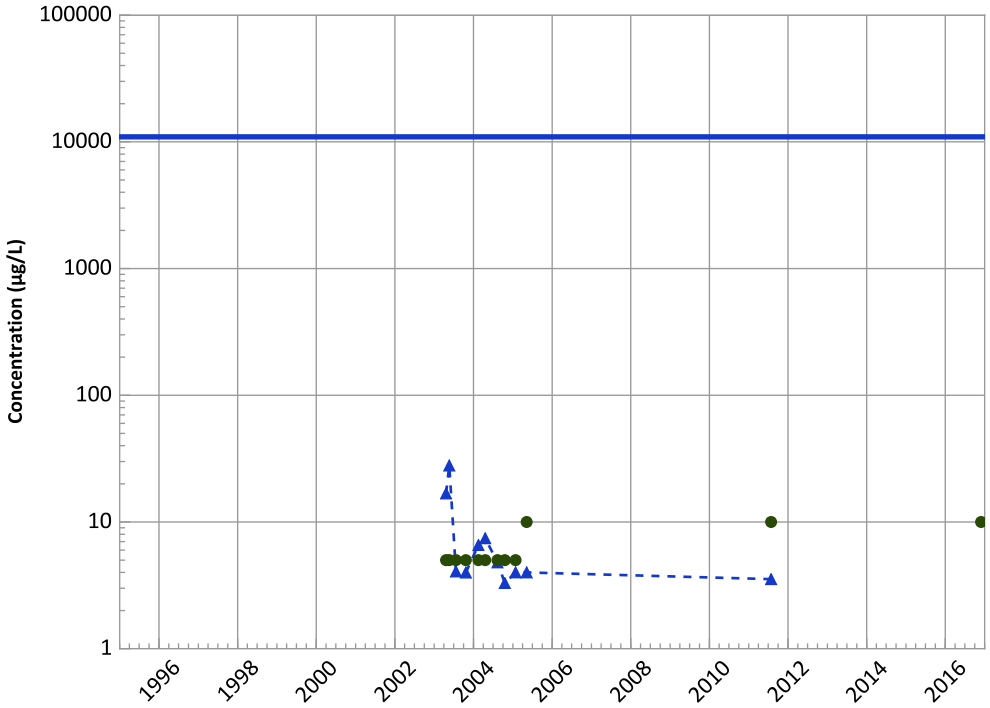


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Zinc Trend



Concentration Trend

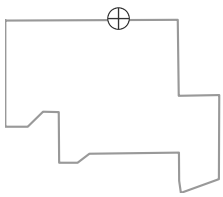
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

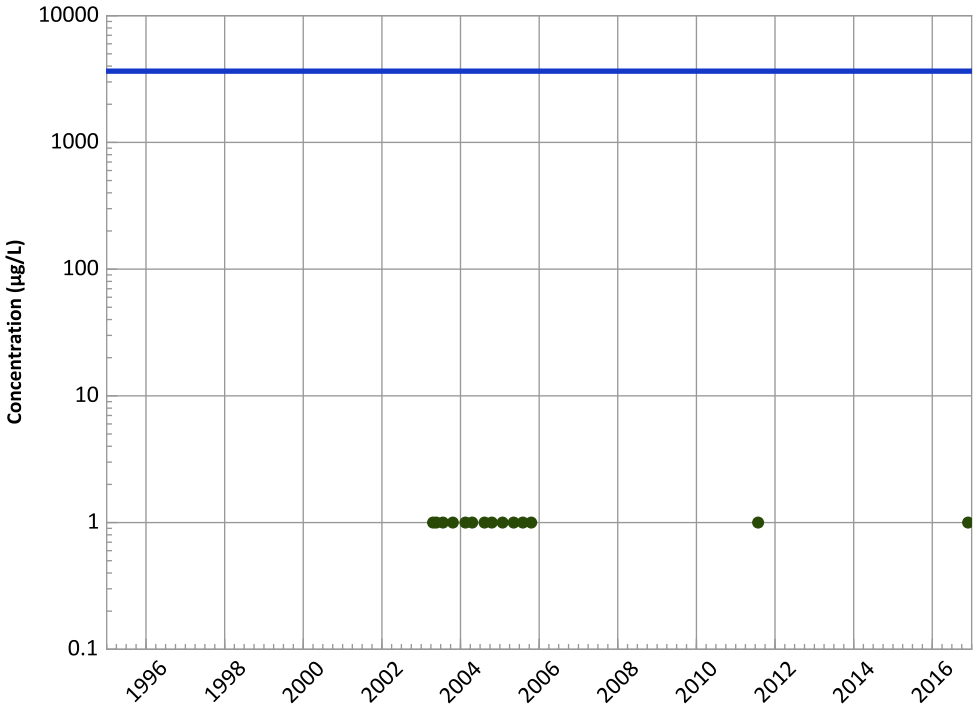
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1-Dichloroethane Trend

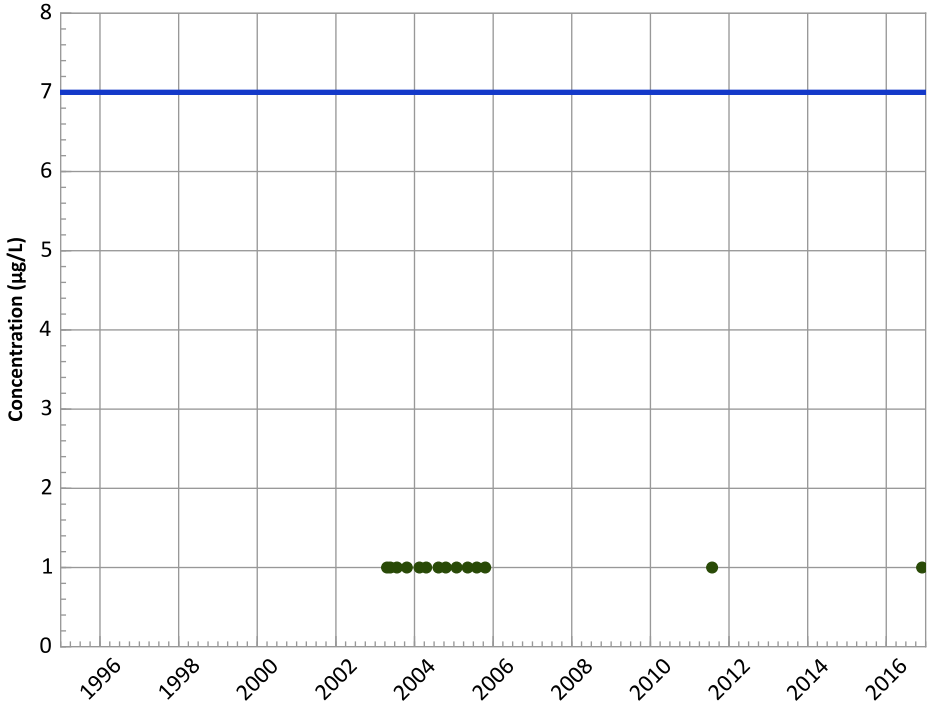


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1-Dichloroethene Trend



Concentration Trend

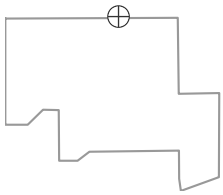
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

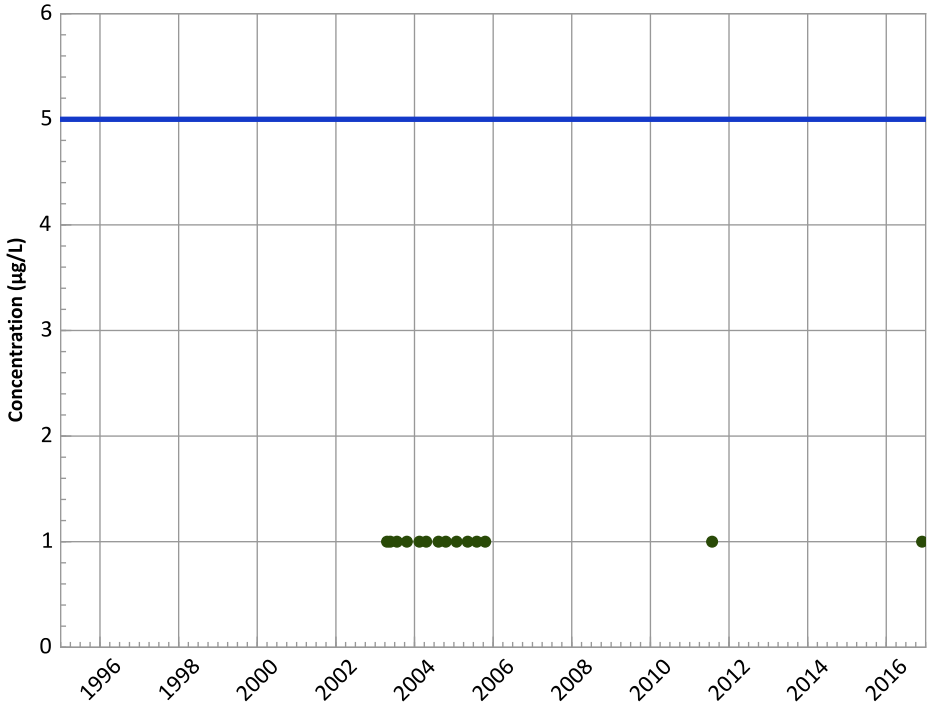
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1,2,2-Tetrachloroethane Trend

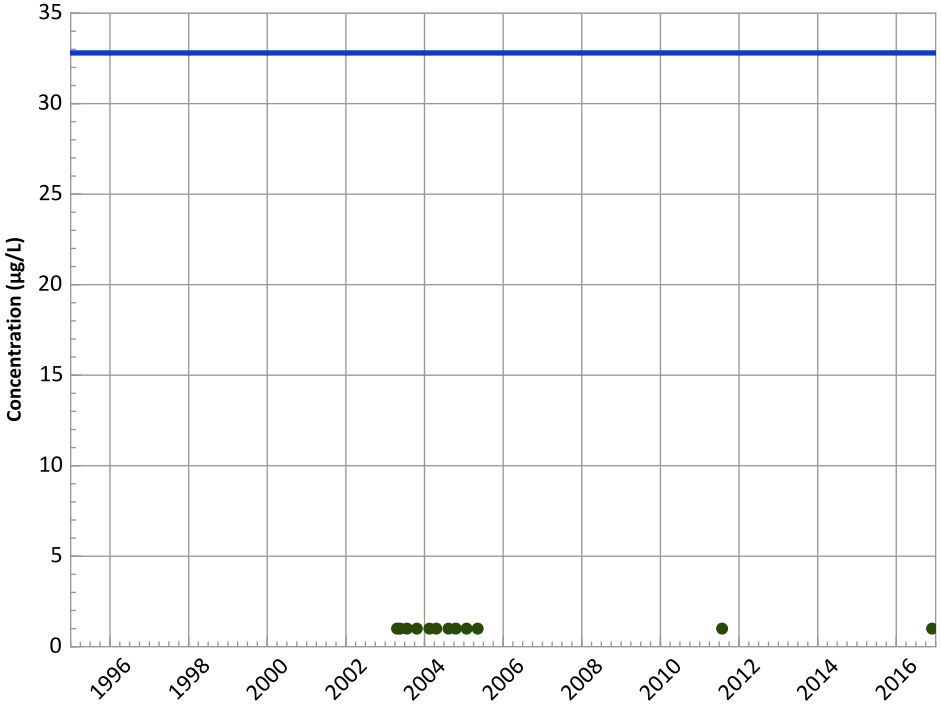


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1,1,2-Tetrachloroethane Trend



Concentration Trend

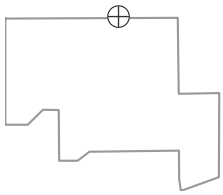
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

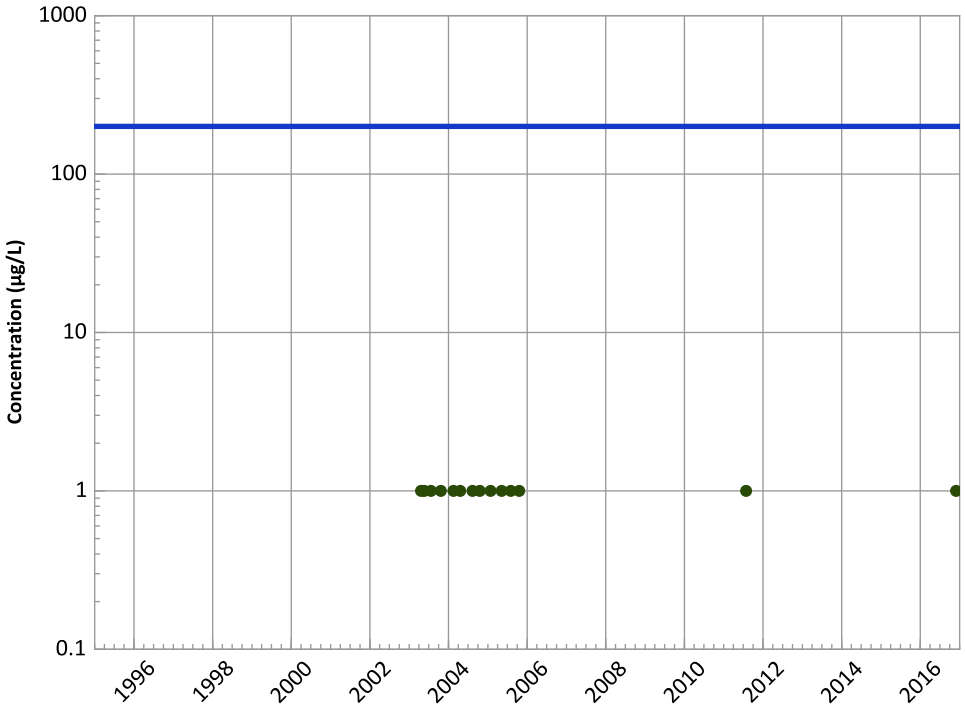
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1,1-Trichloroethane Trend

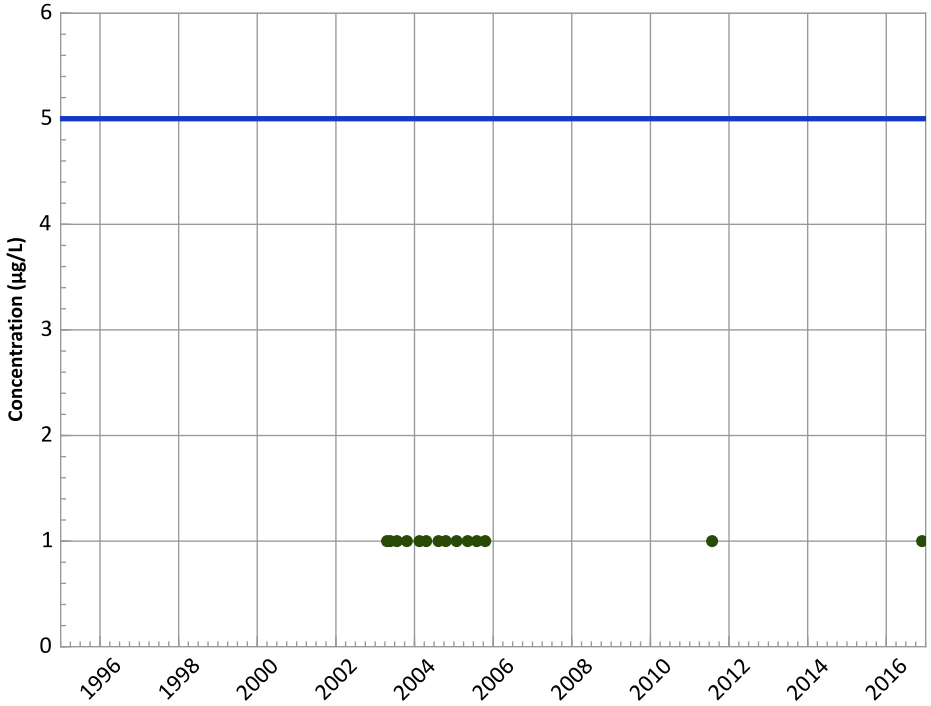


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1,2-Trichloroethane Trend



Concentration Trend

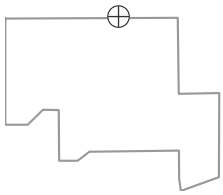
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

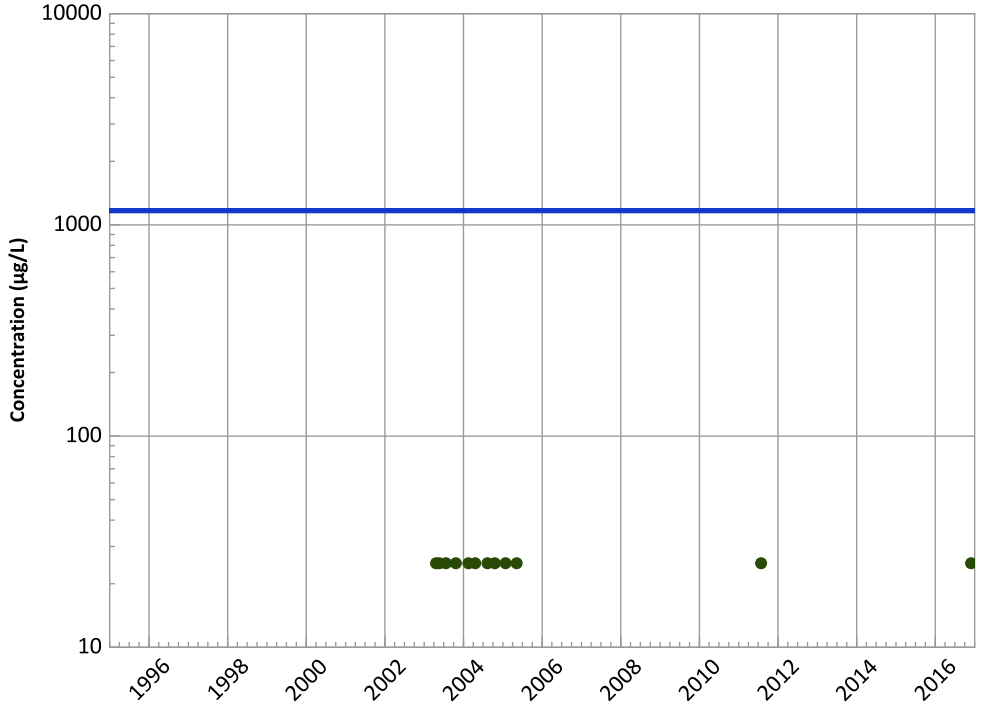
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Acetonitrile Trend

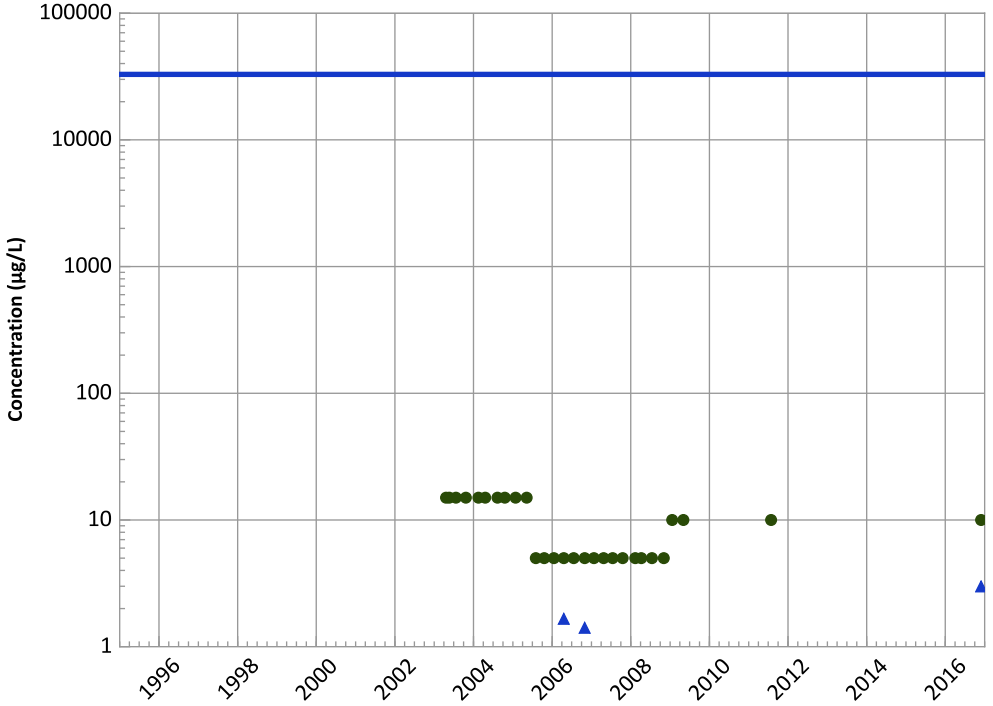


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Acetone Trend



Concentration Trend

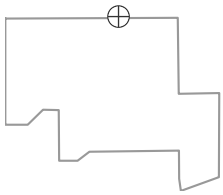
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

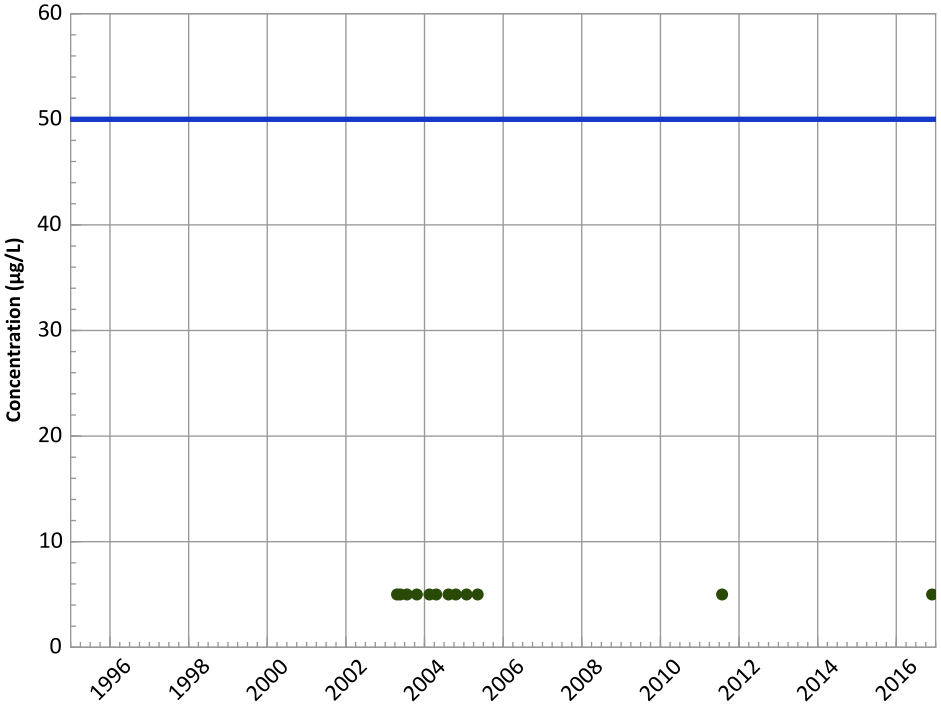
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Acrolein Trend

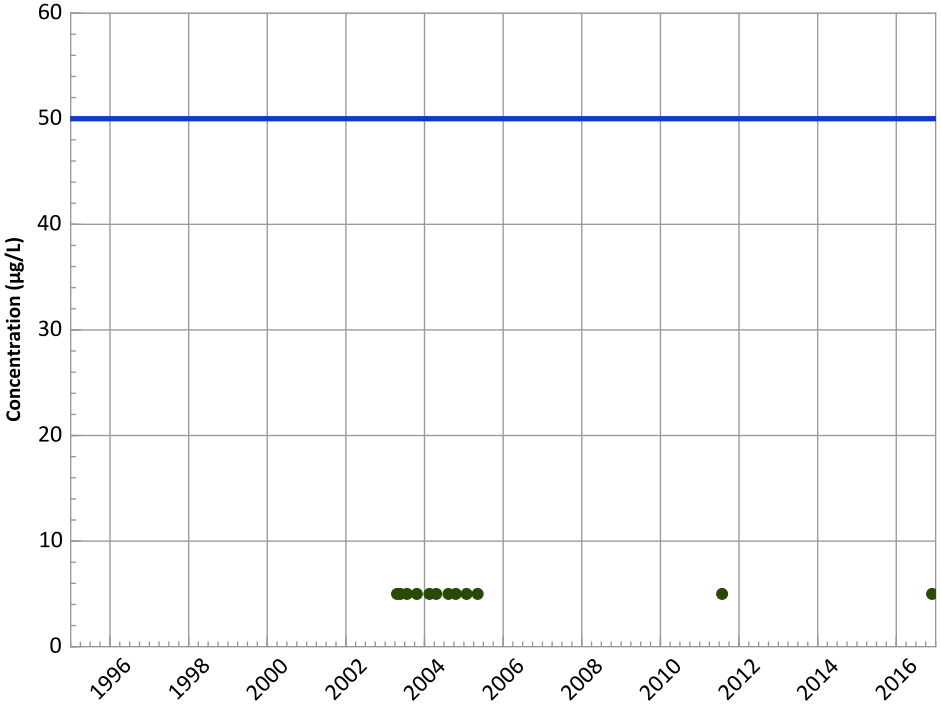


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Acrylonitrile Trend



Concentration Trend

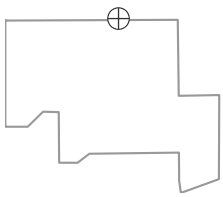
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

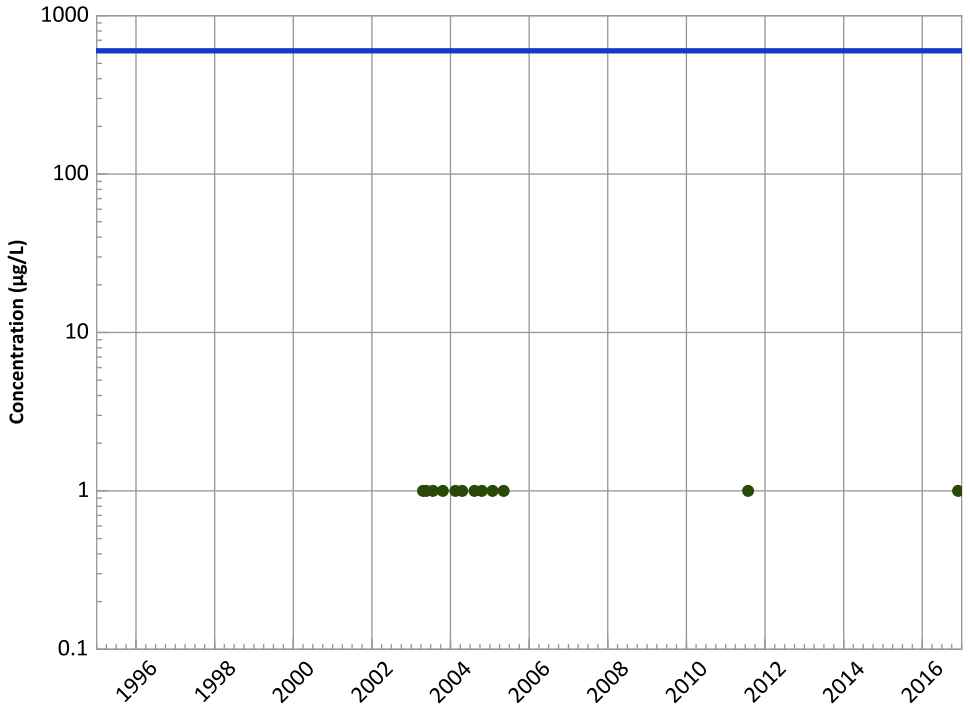
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichlorobenzene Trend

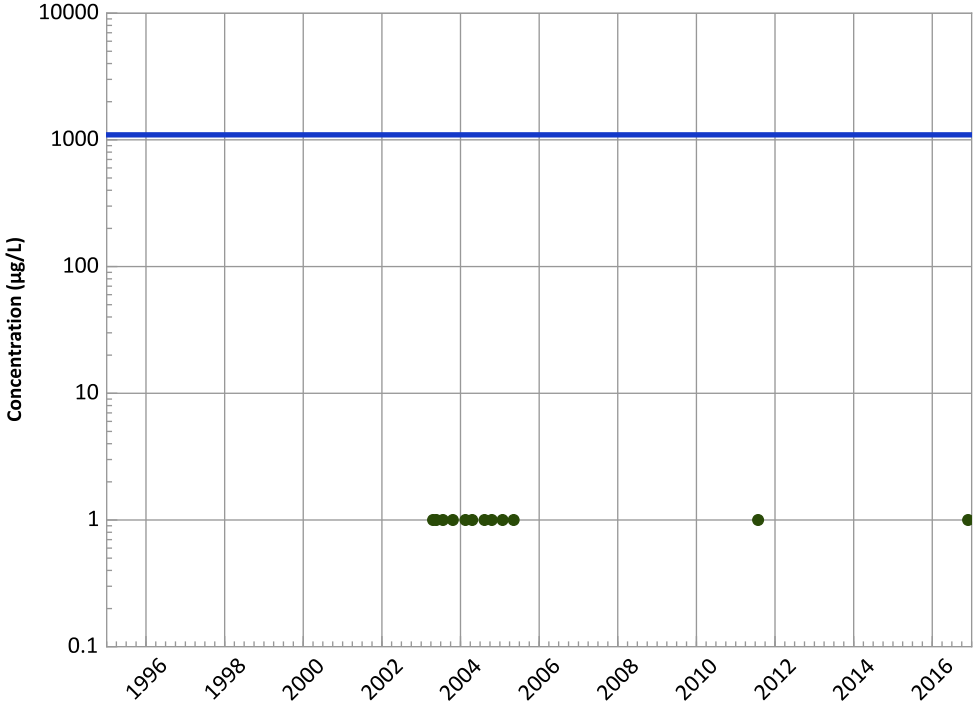


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,3-Dichlorobenzene Trend



Concentration Trend

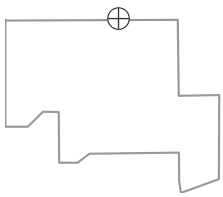
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

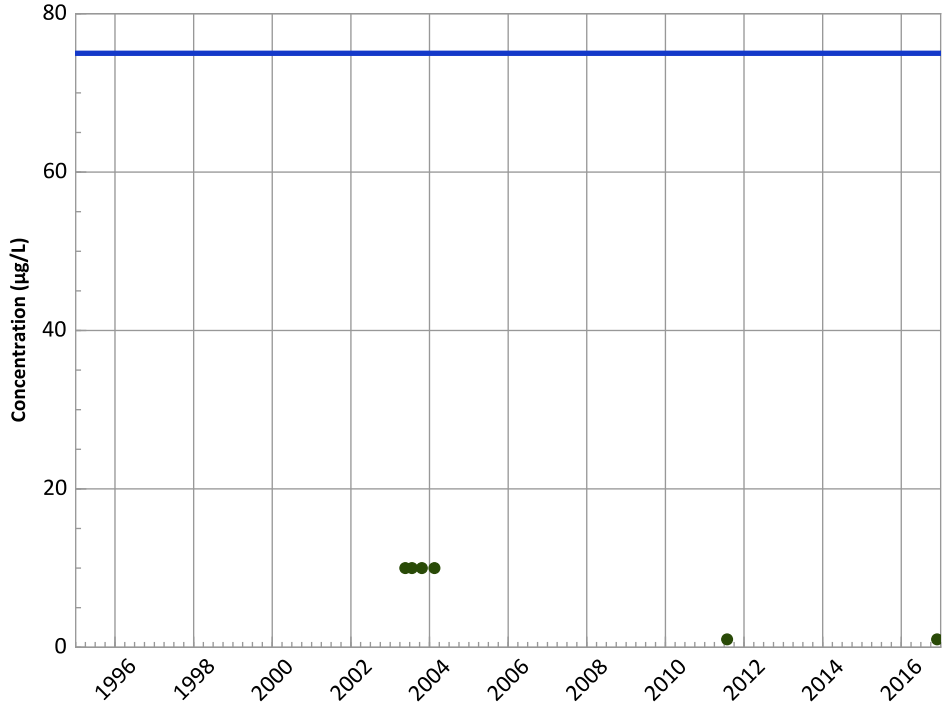
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,4-Dichlorobenzene Trend

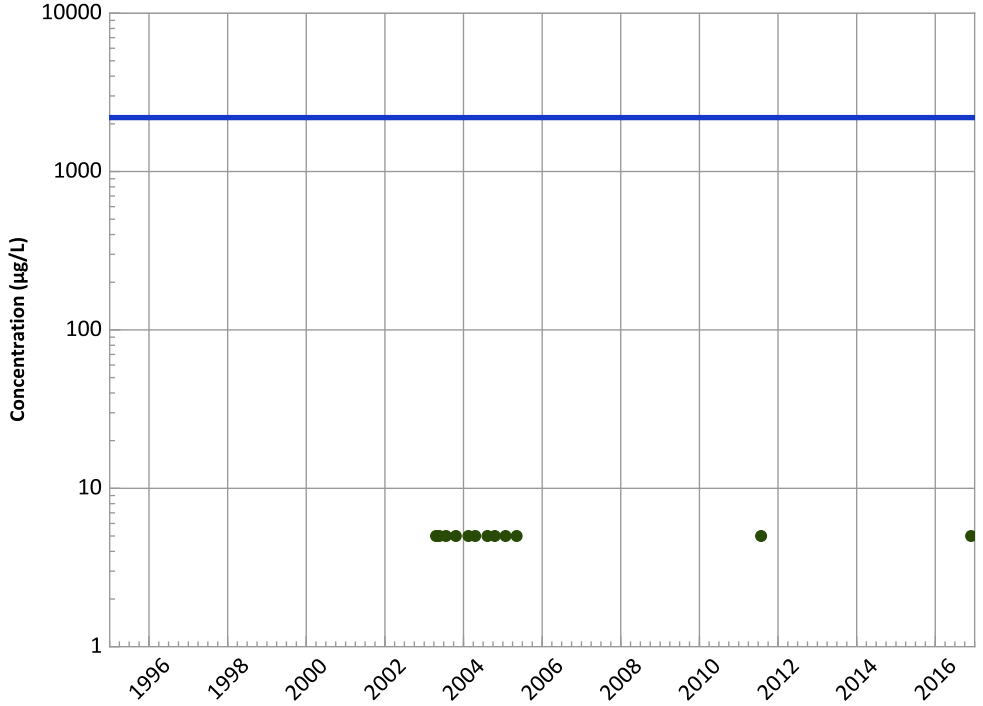


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2-Hexanone Trend



Concentration Trend

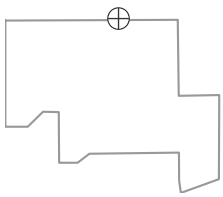
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

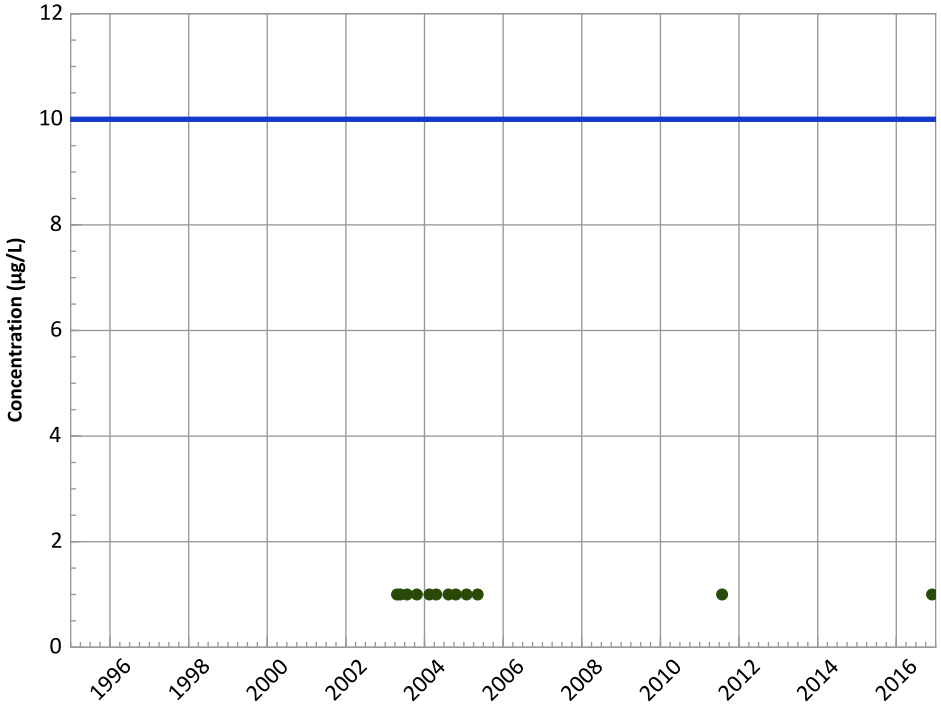
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2,3-Trichloropropane Trend

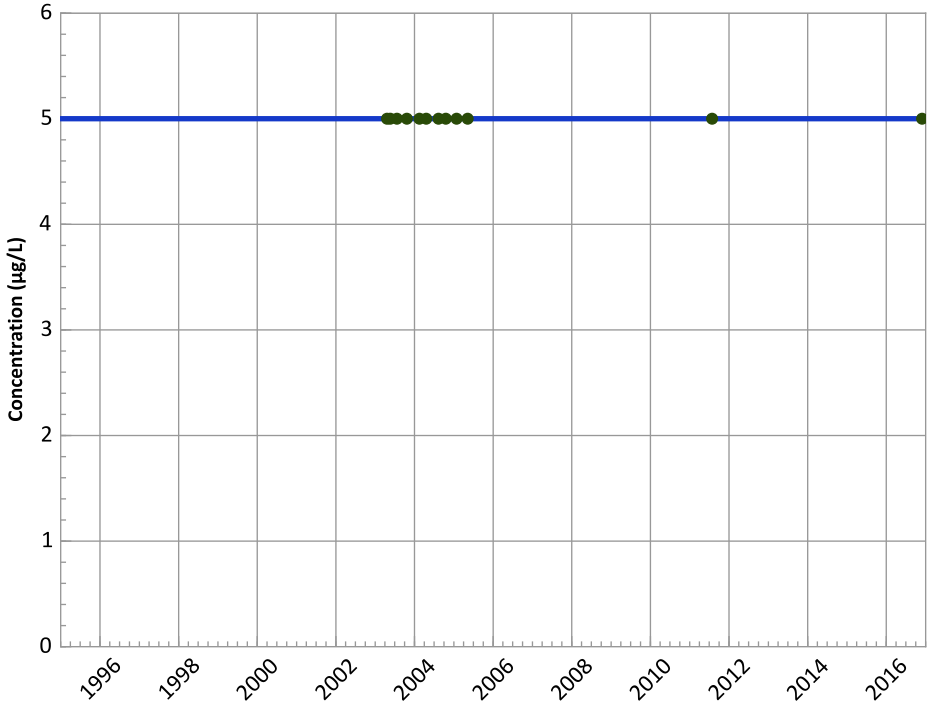


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Allyl Chloride Trend



Concentration Trend

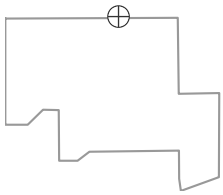
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

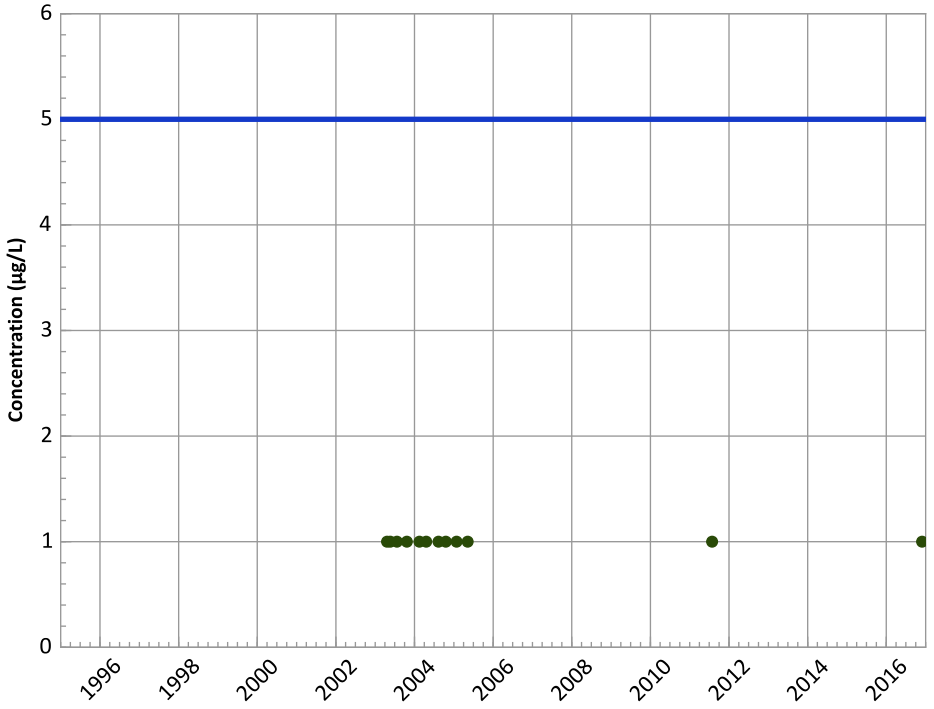
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Benzene Trend

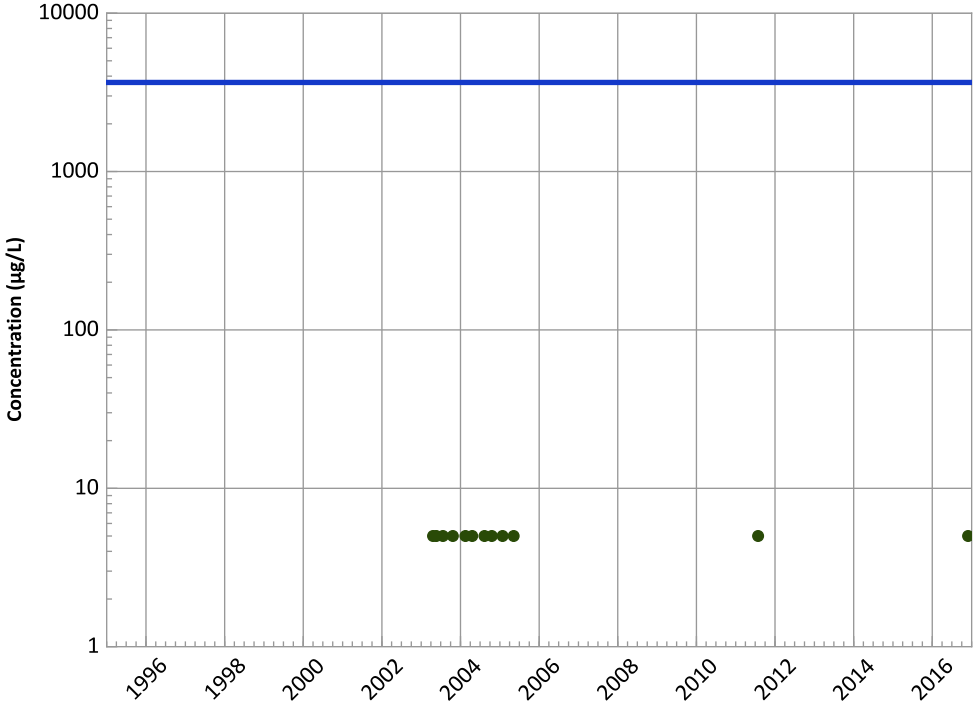


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Carbon Disulfide Trend



Concentration Trend

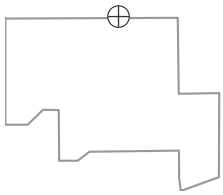
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

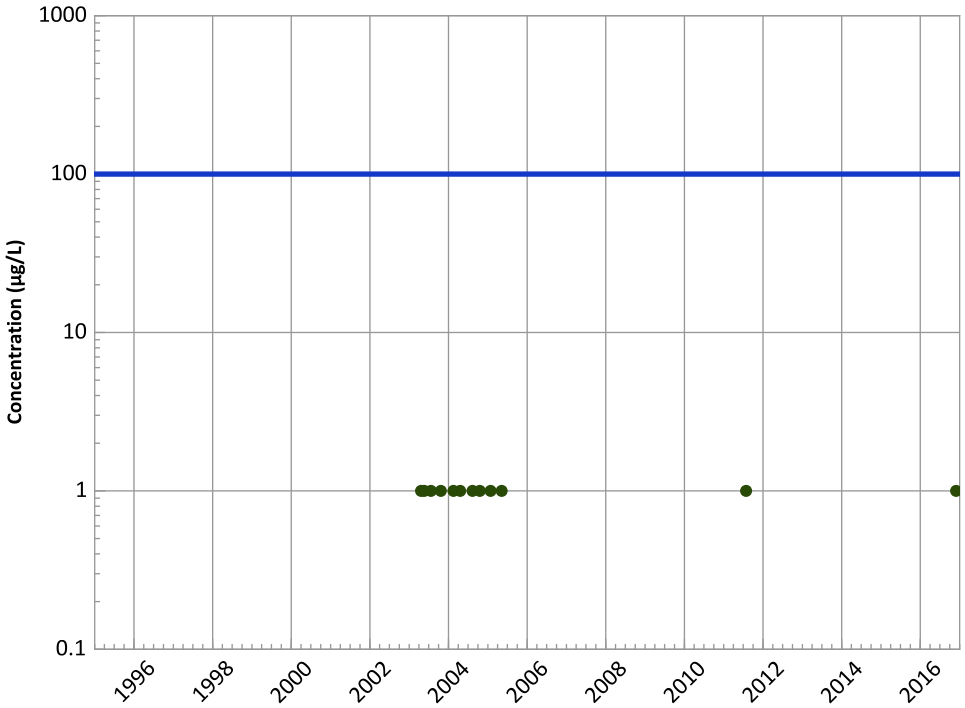
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chlorobenzene Trend

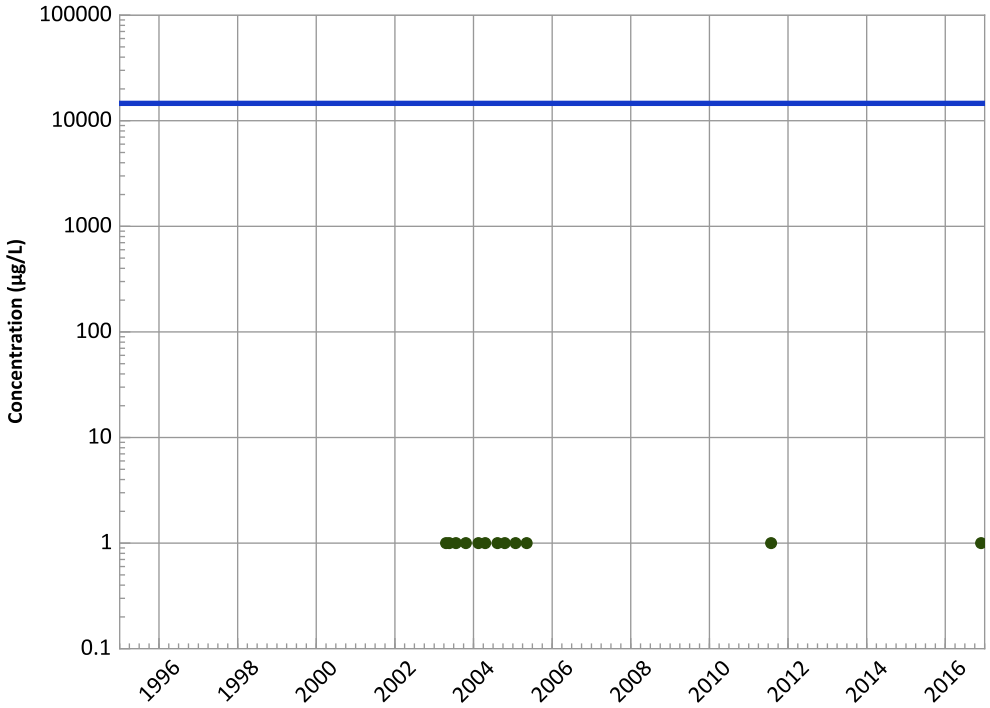


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Chloroethane Trend



Concentration Trend

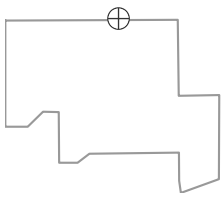
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

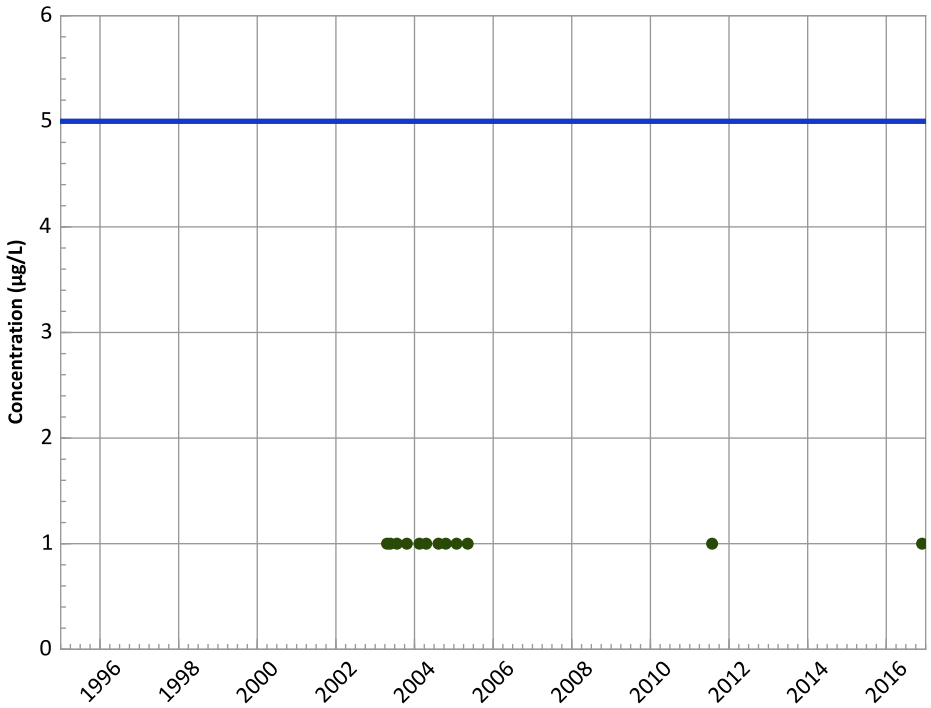
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Carbon Tetrachloride Trend

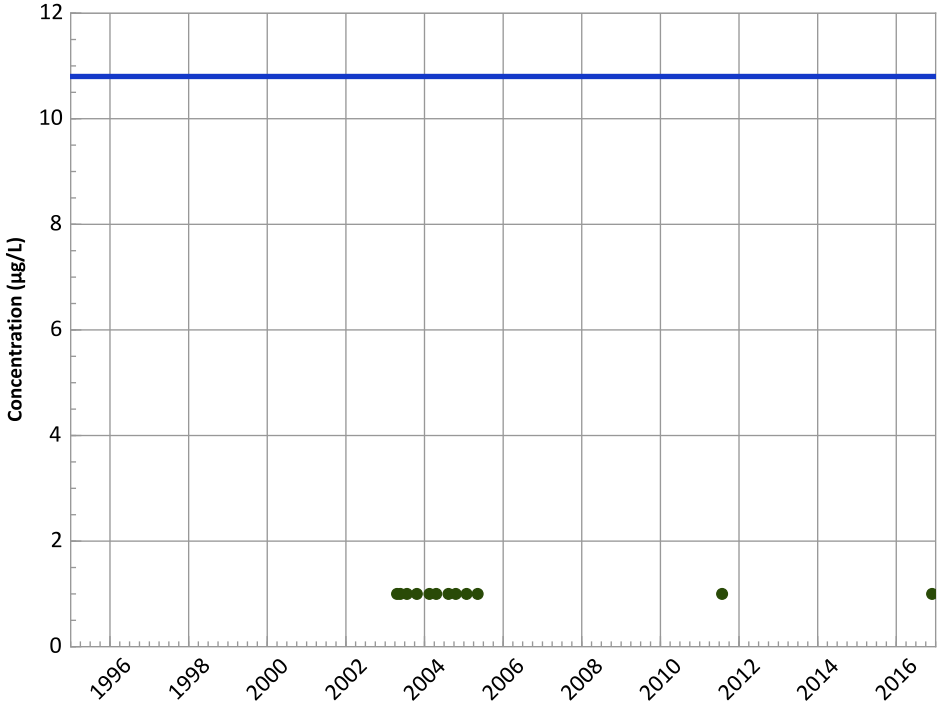


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Bromoform Trend

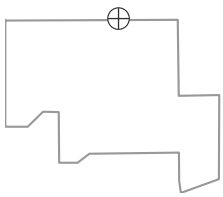


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Well Location

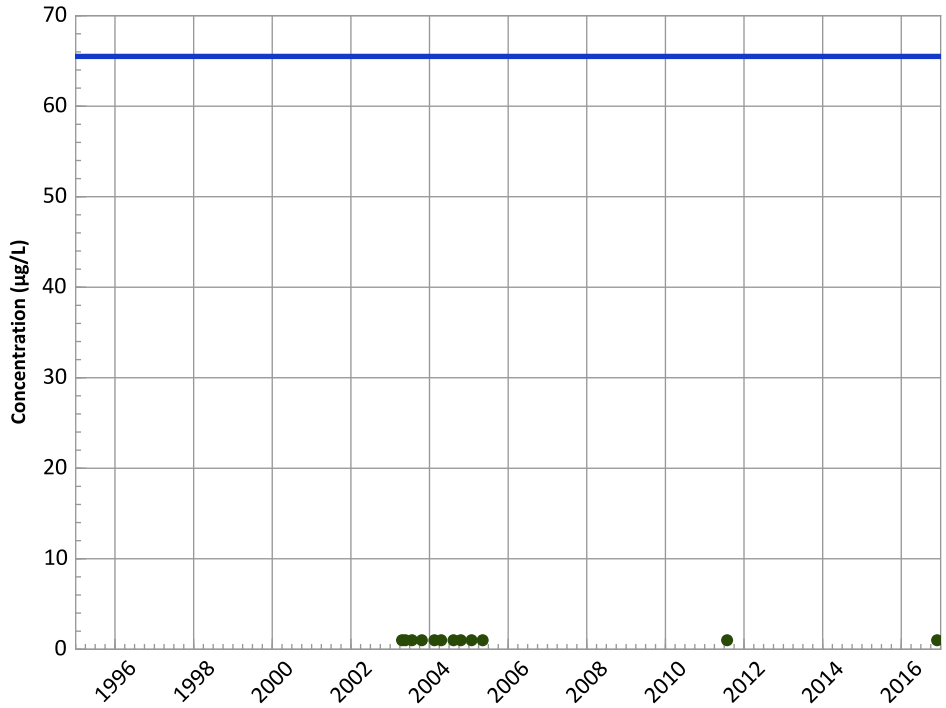


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ——— Groundwater Protection Standard

PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloromethane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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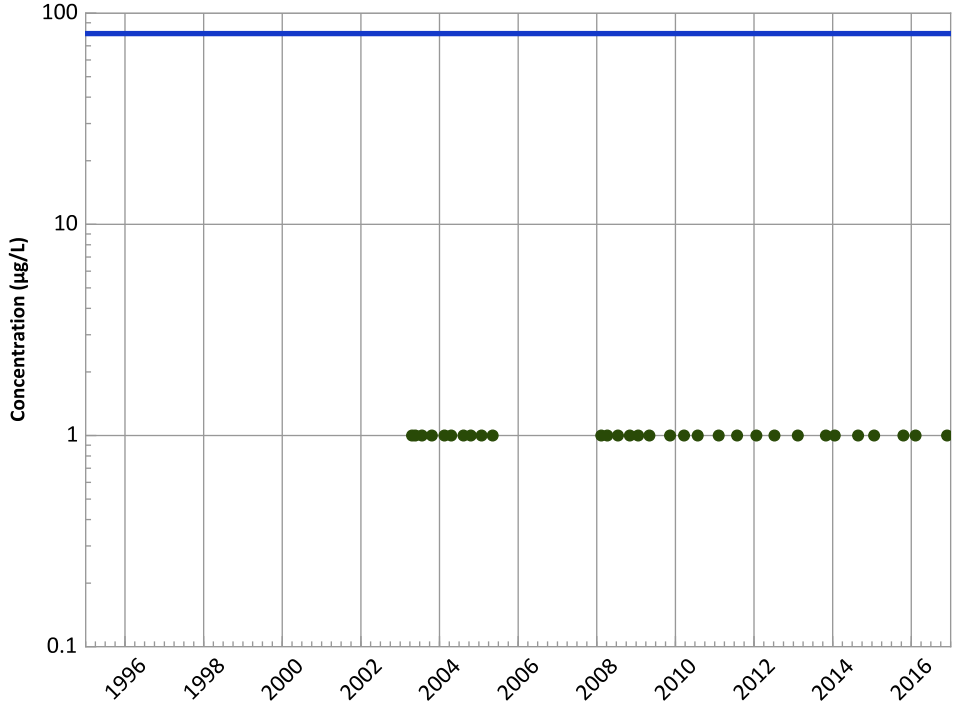
All Data
All Non-Detect

Chloroform Trend



Concentration Trend

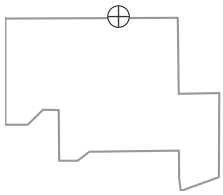
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

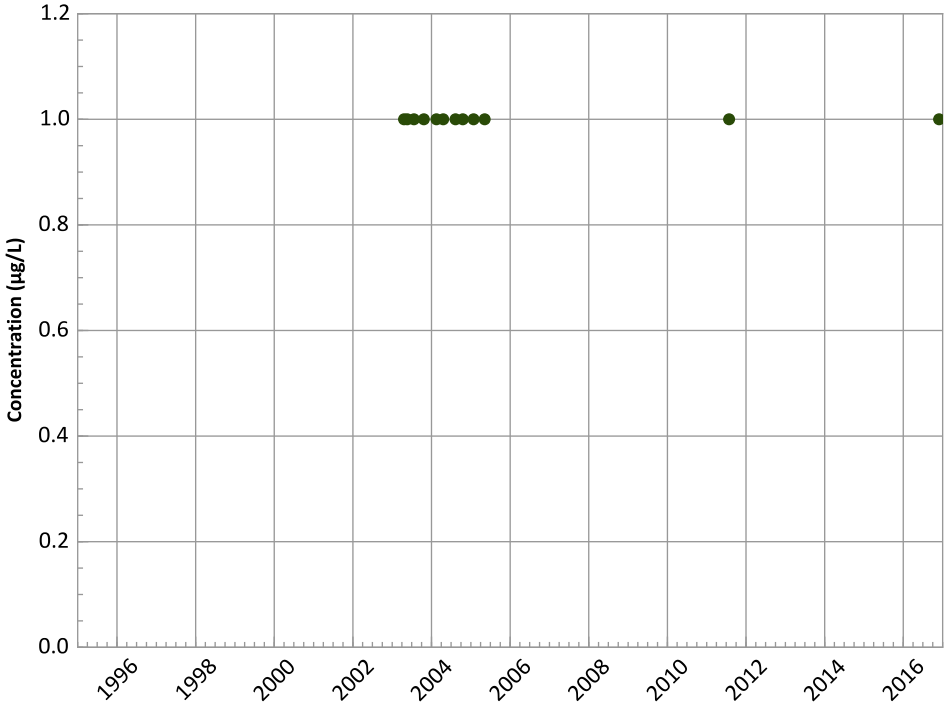
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2-Chloro-1,3-Butadiene Trend

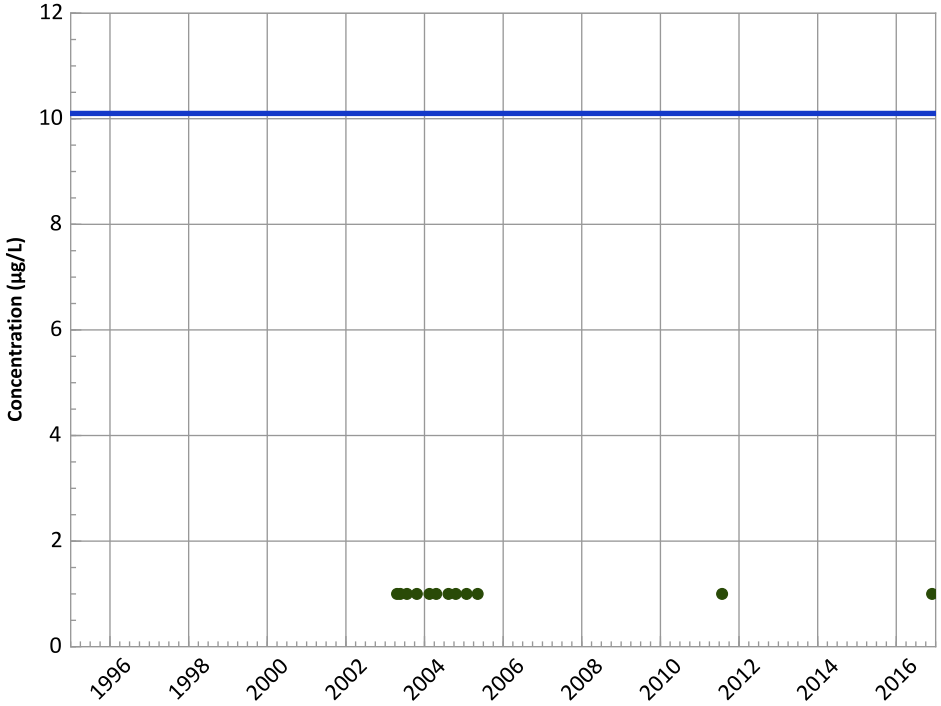


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Dibromochloromethane Trend



Concentration Trend

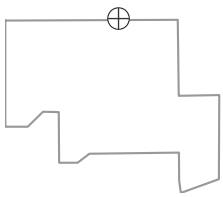
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

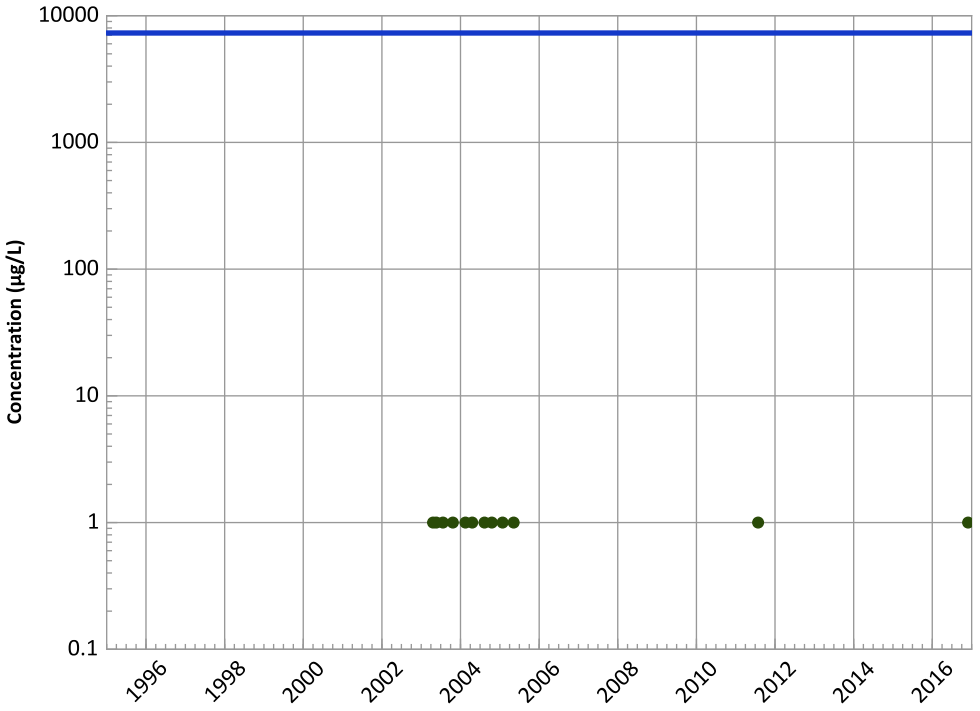
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Dichlorodifluoromethane Trend

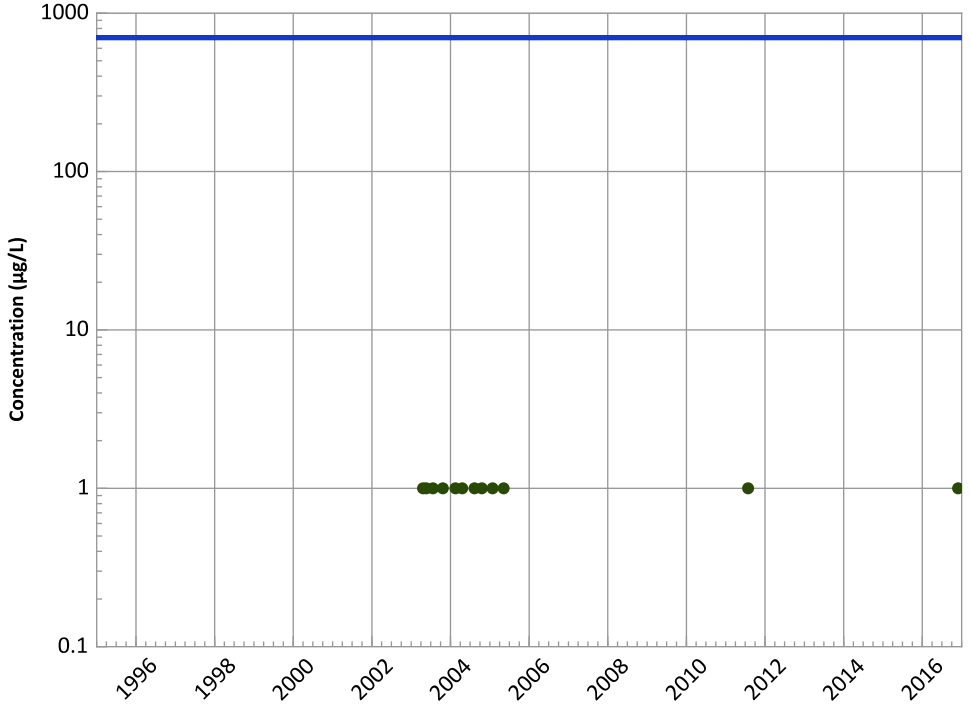


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Ethylbenzene Trend



Concentration Trend

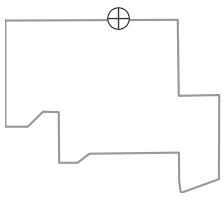
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

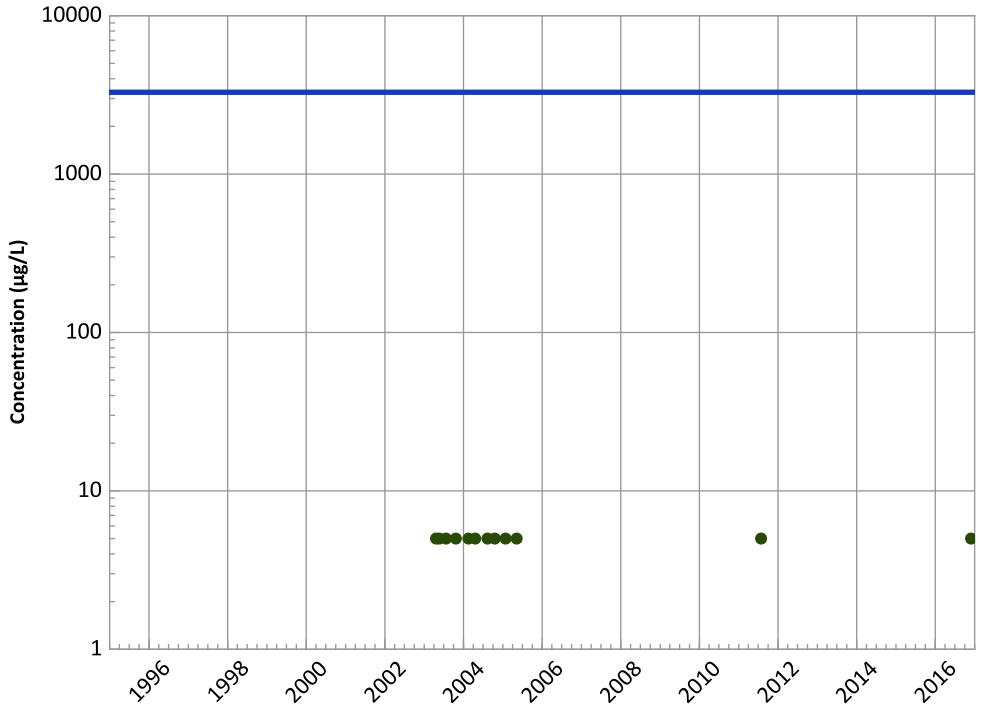
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Ethyl Methacrylate Trend

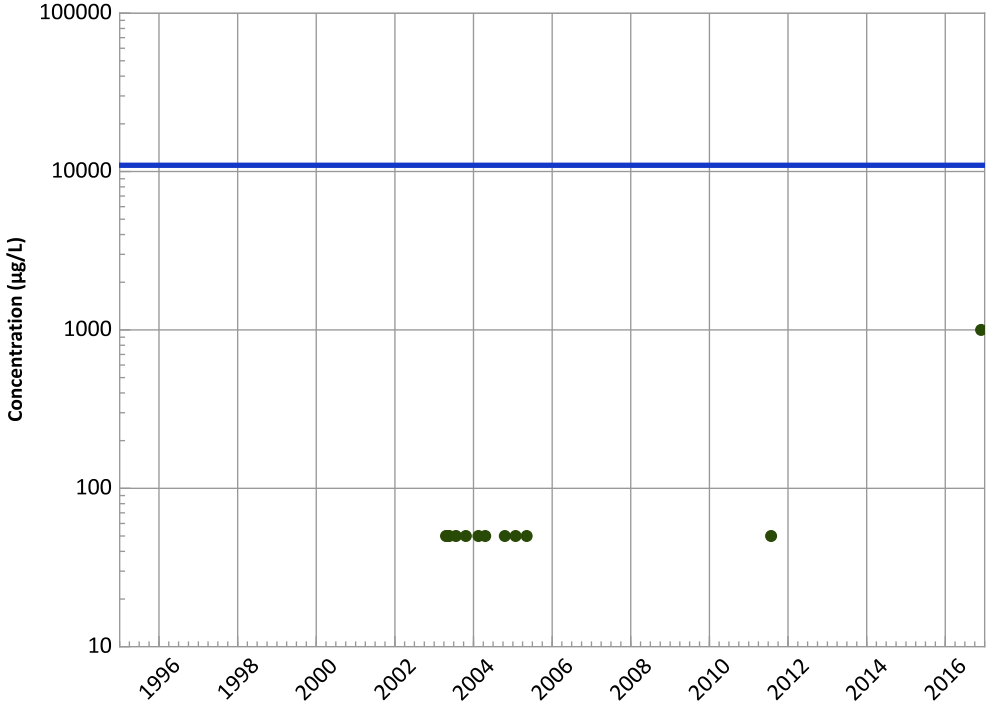


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Isobutanol Trend



Concentration Trend

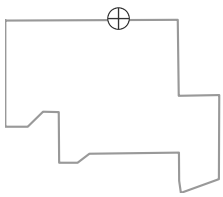
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

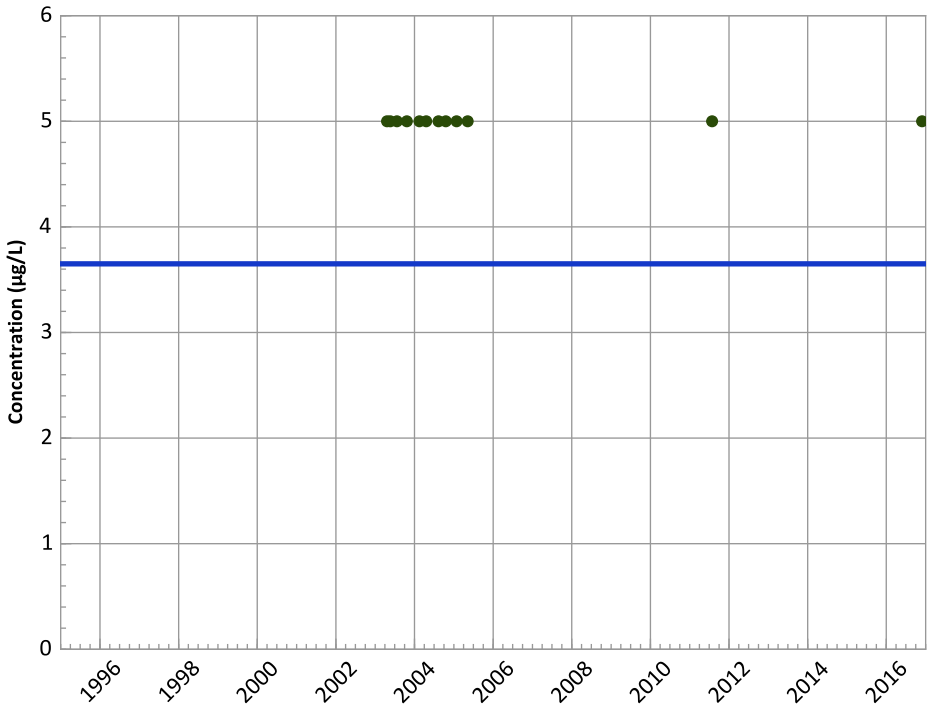
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methylacrylonitrile Trend

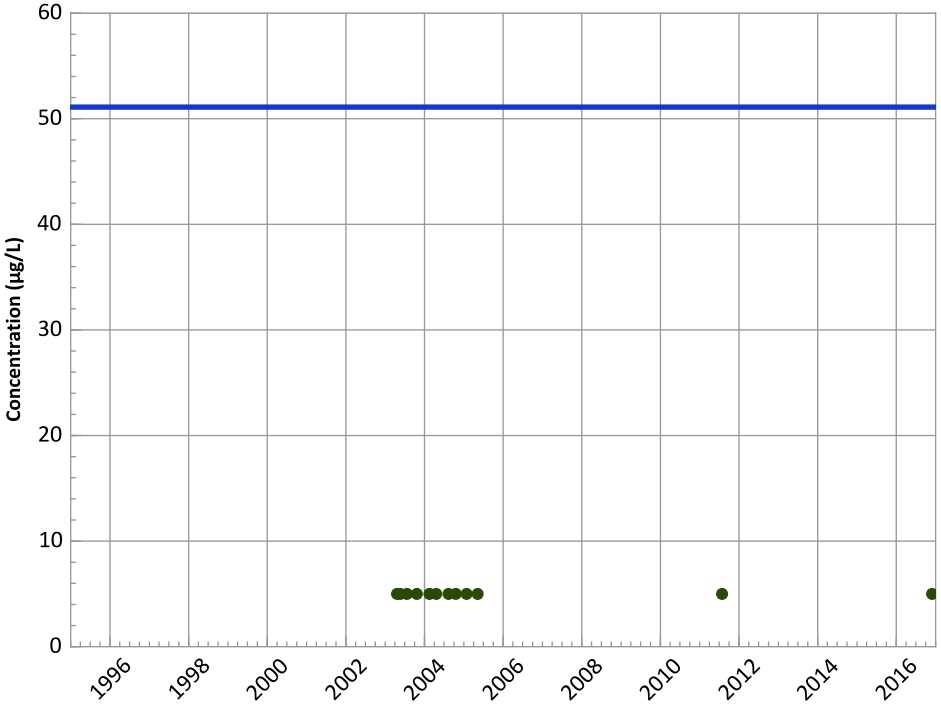


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Iodomethane (Methyl Iodide) Trend



Concentration Trend

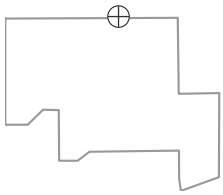
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

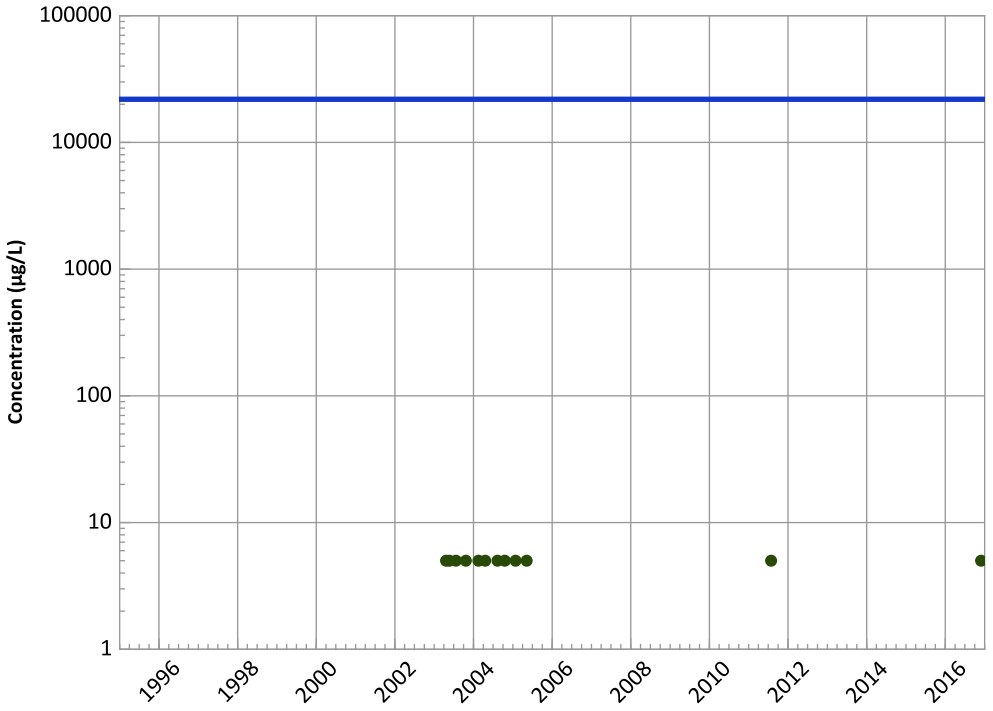
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methyl Ethyl Ketone (2-Butanone) Trend

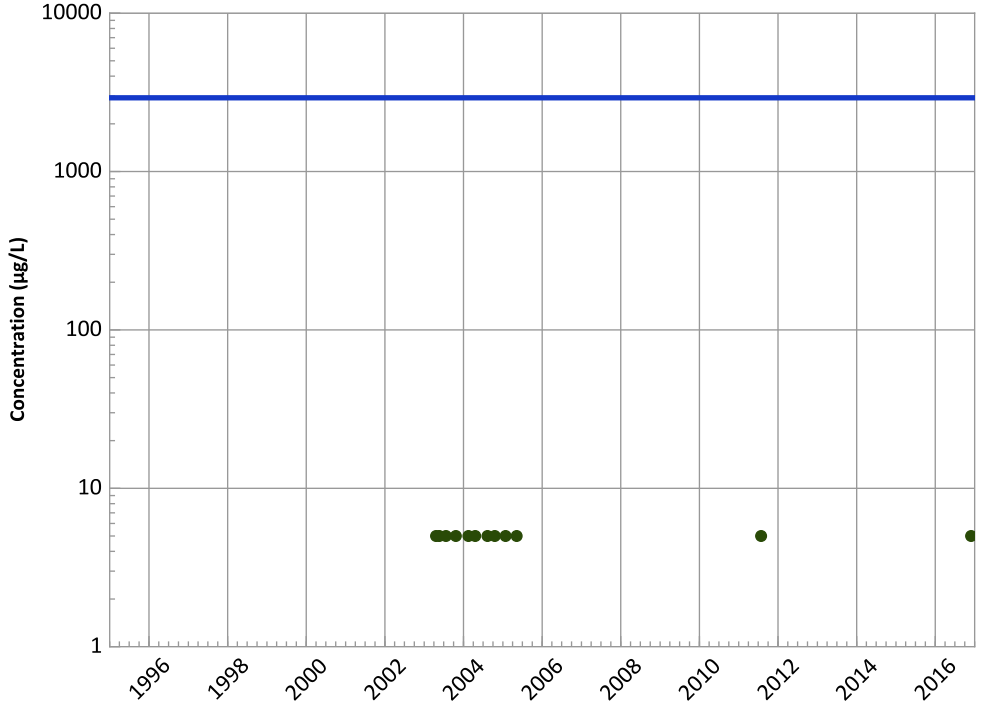


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) Trend



Concentration Trend

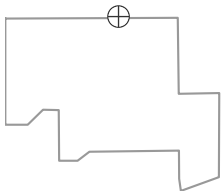
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

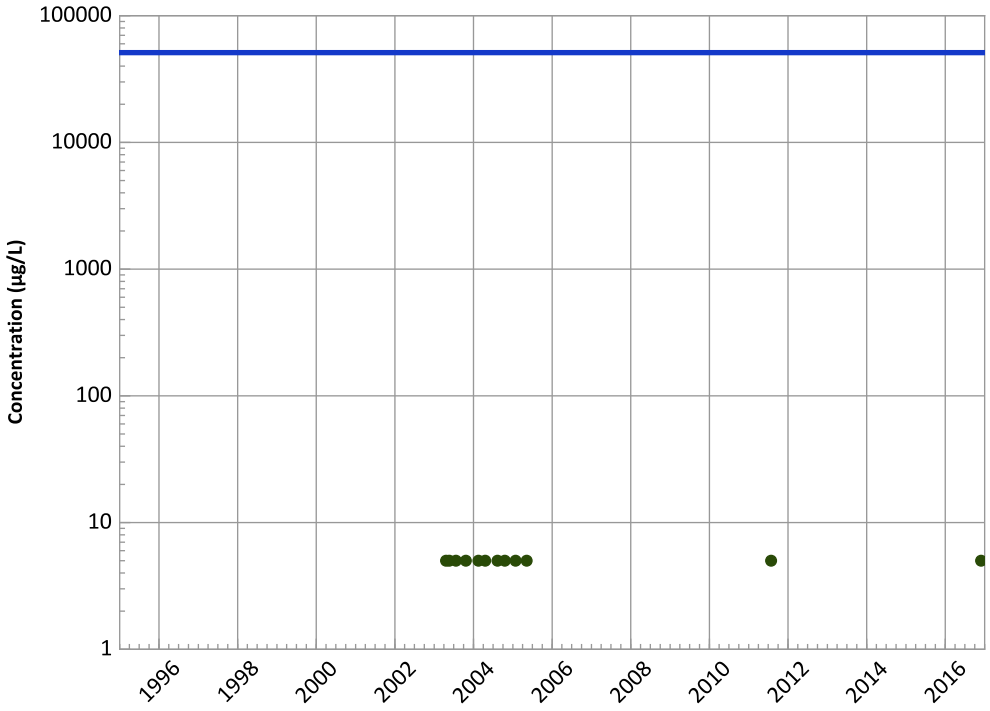
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methyl Methacrylate Trend

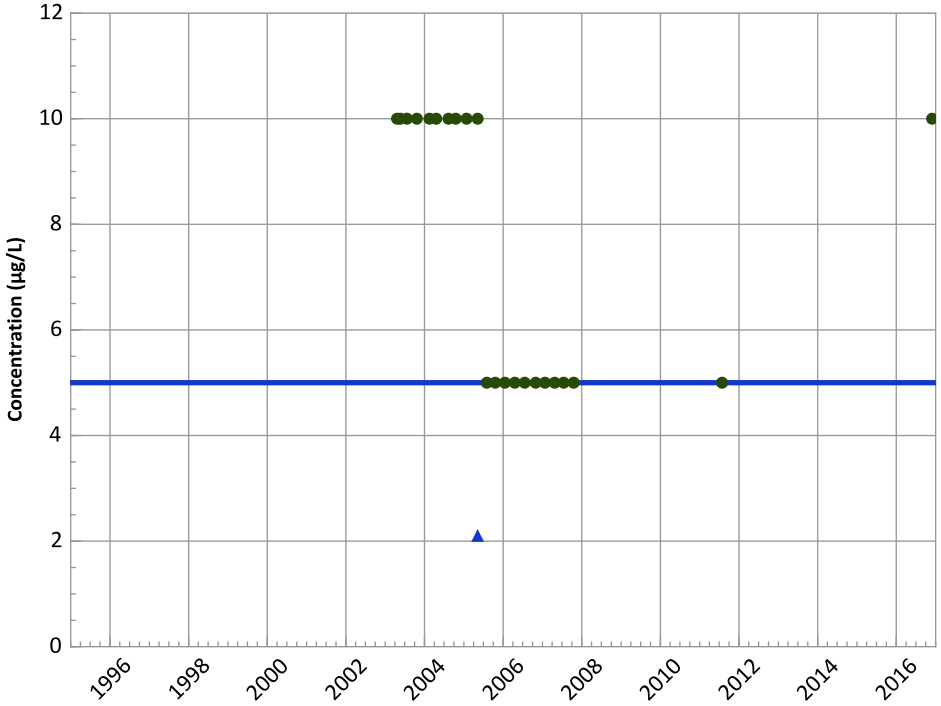


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methylene Chloride Trend



Concentration Trend

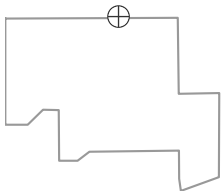
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

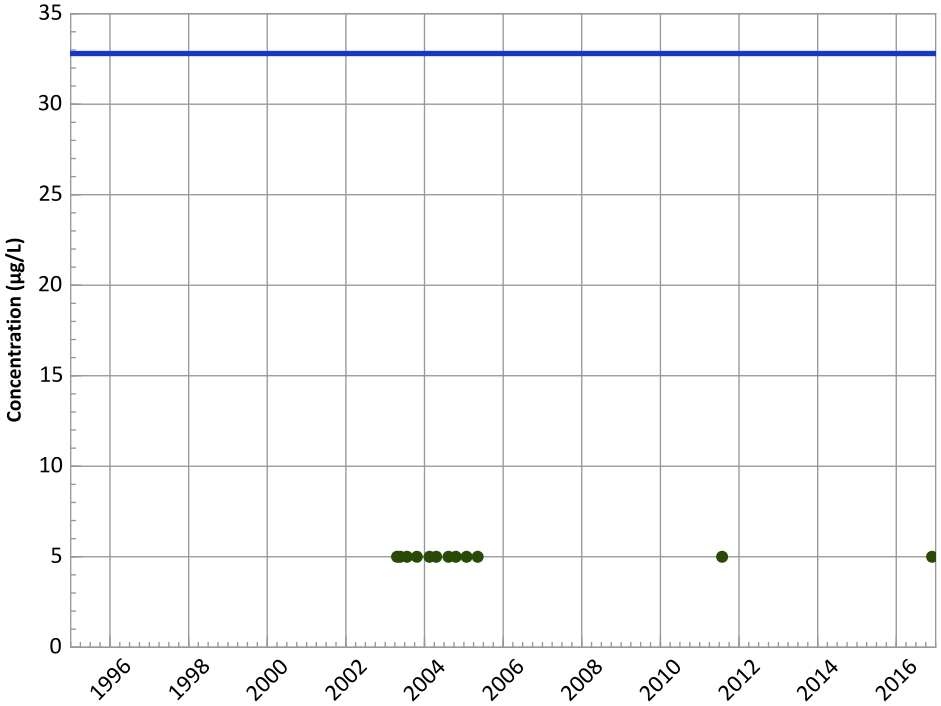
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Pentachloroethane Trend

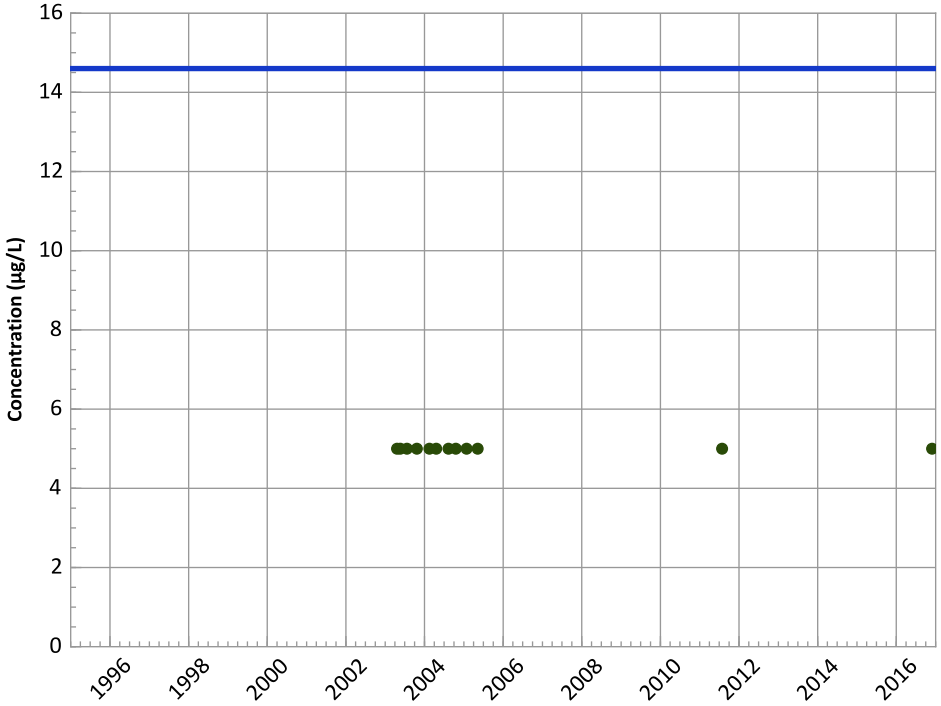


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Propane Nitrile (Propionitrile) Trend



Concentration Trend

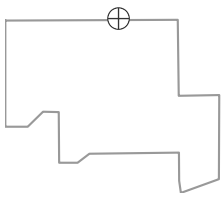
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

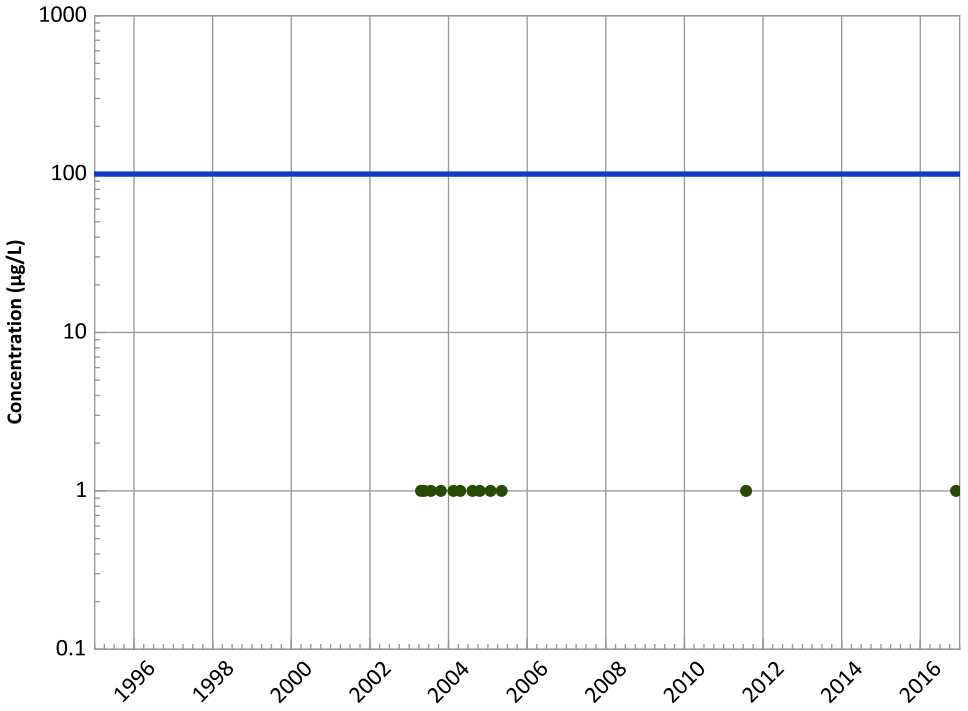
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Styrene Trend

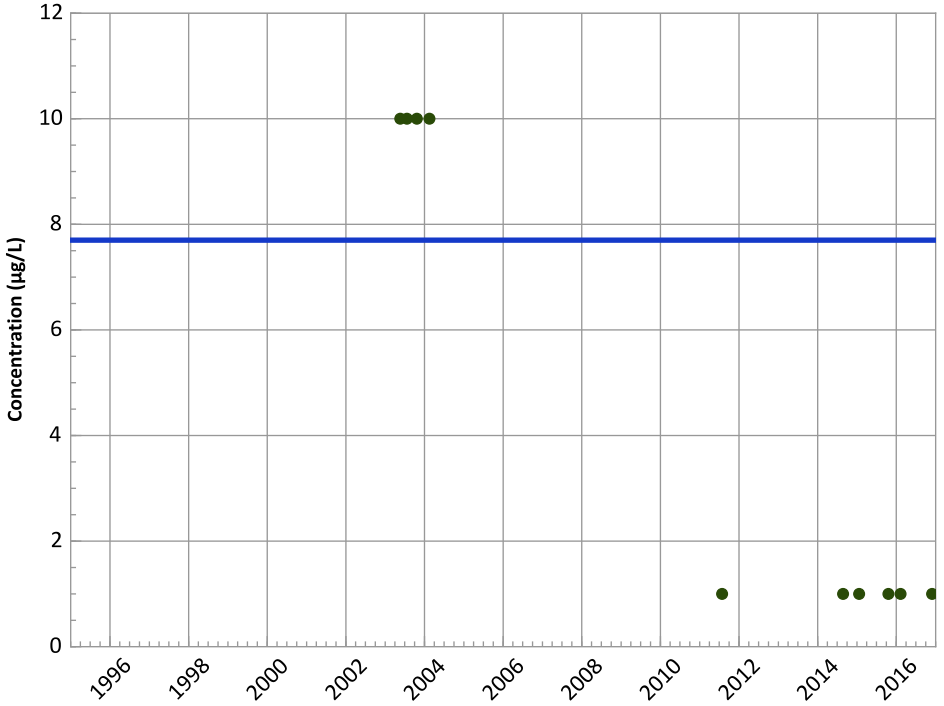


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend

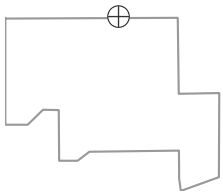


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Well Location

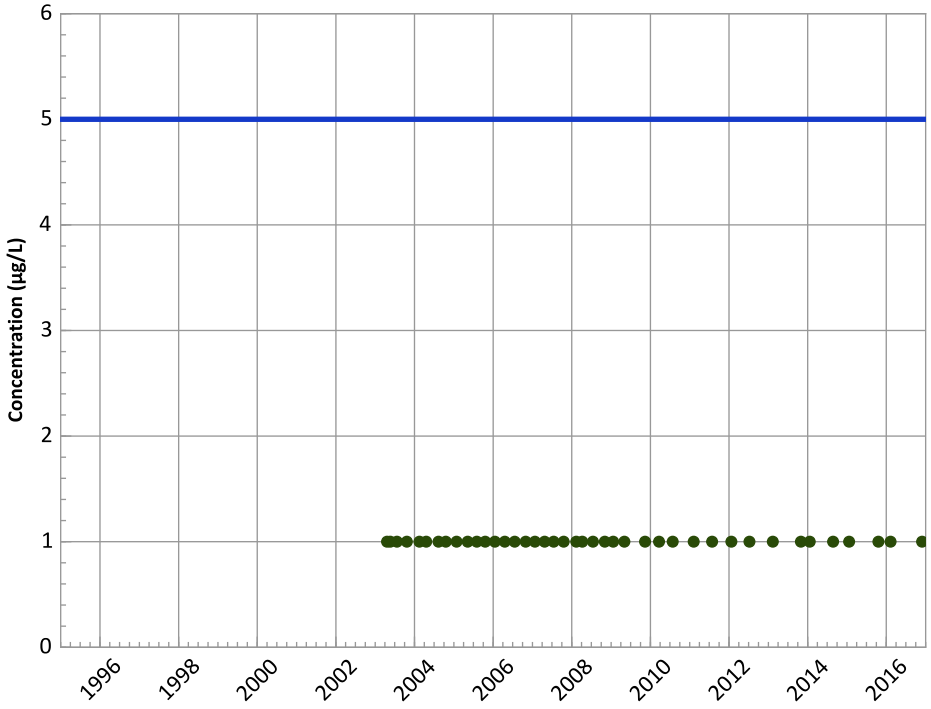


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ——— Groundwater Protection Standard

PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

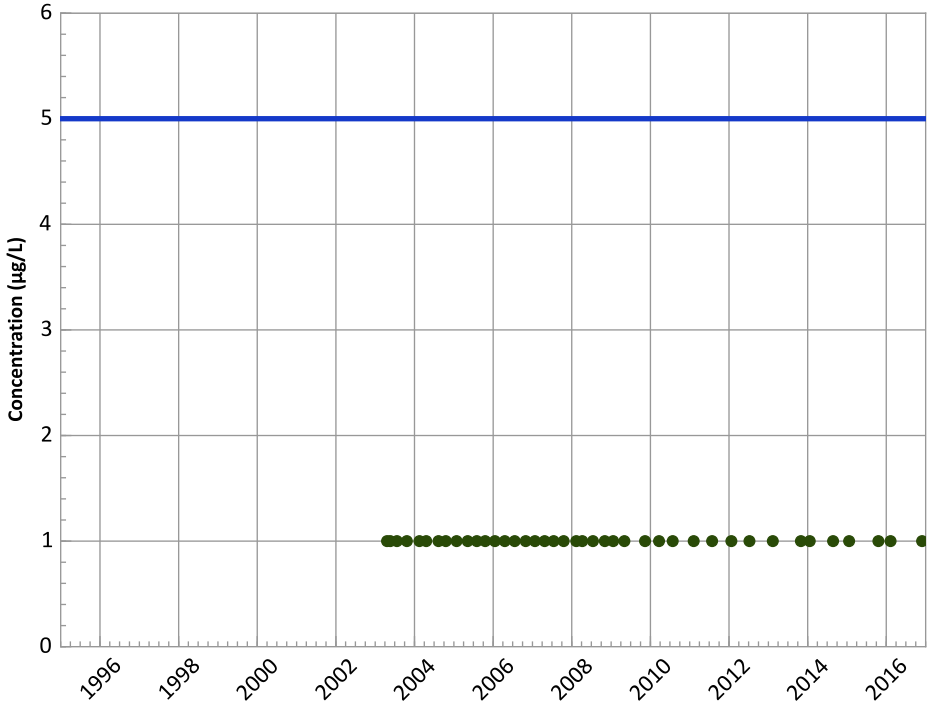


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend

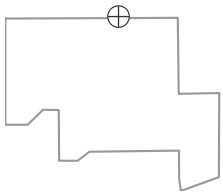


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Well Location

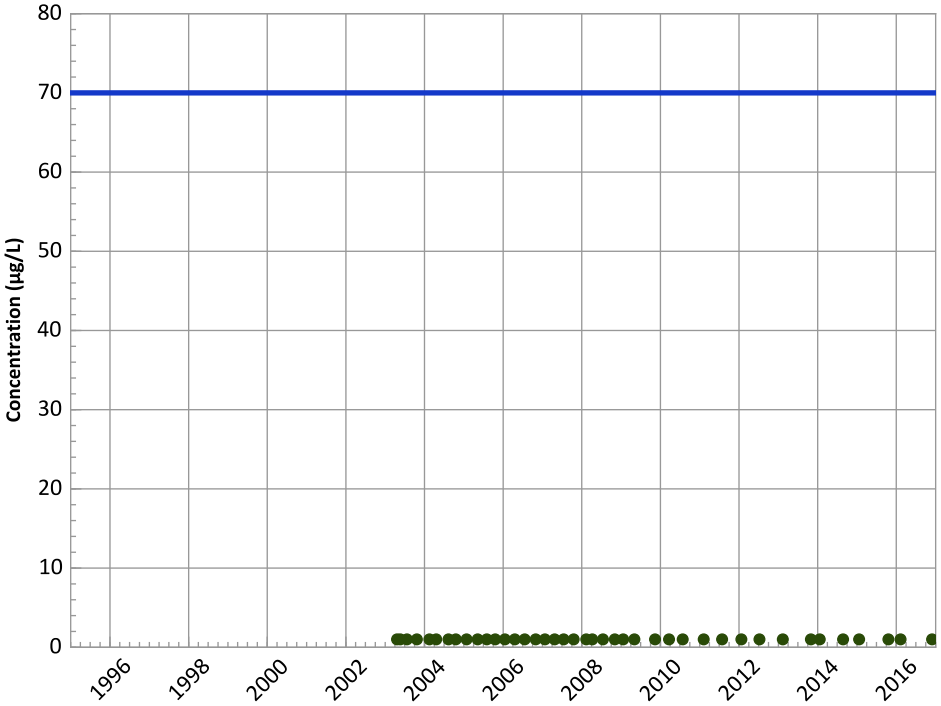


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ——— Groundwater Protection Standard

PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

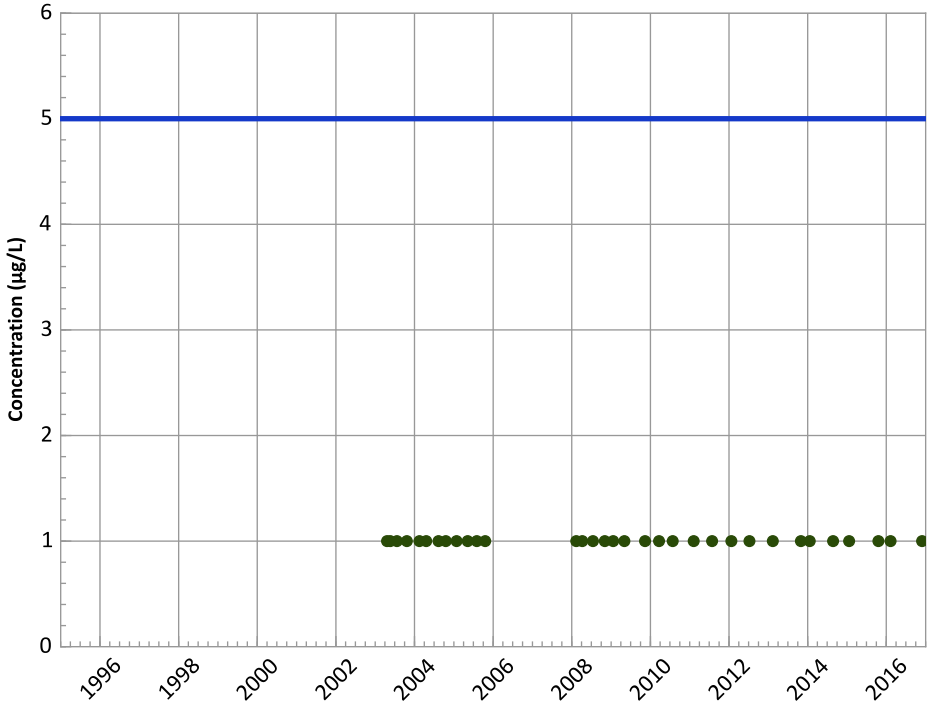


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

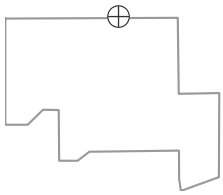
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

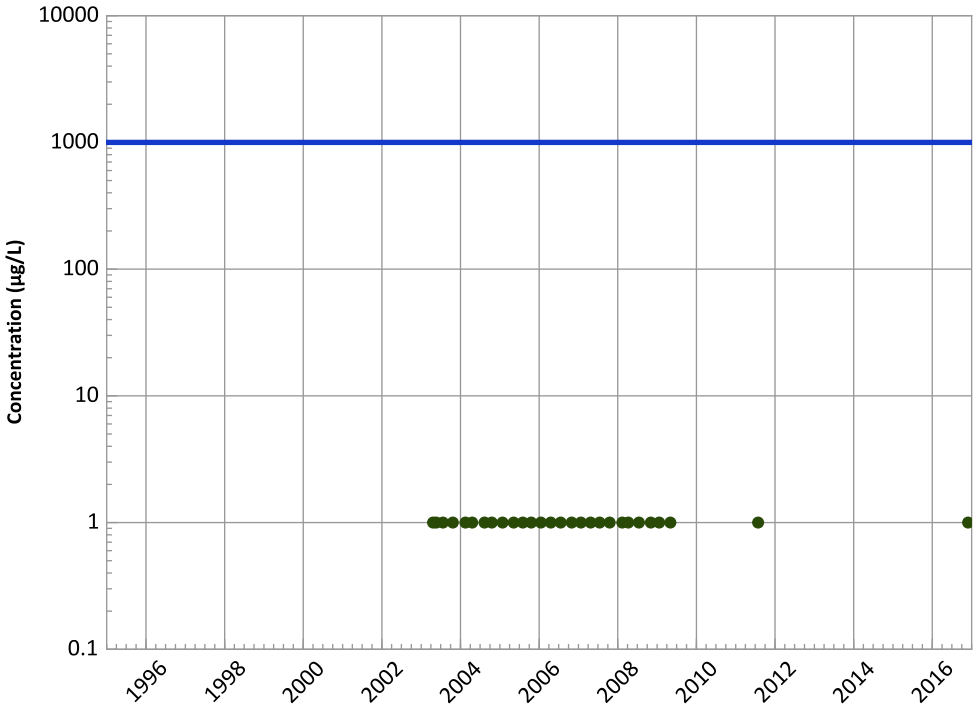
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Toluene Trend

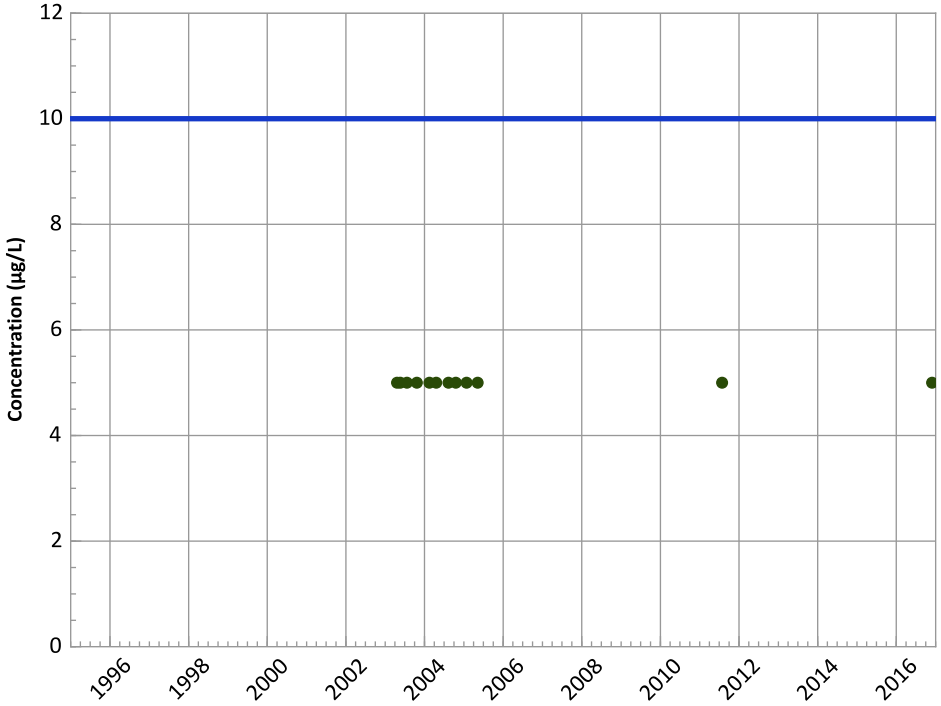


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

trans-1,4-Dichloro-2-Butene Trend



Concentration Trend

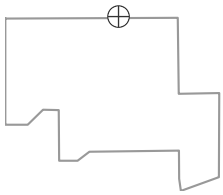
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

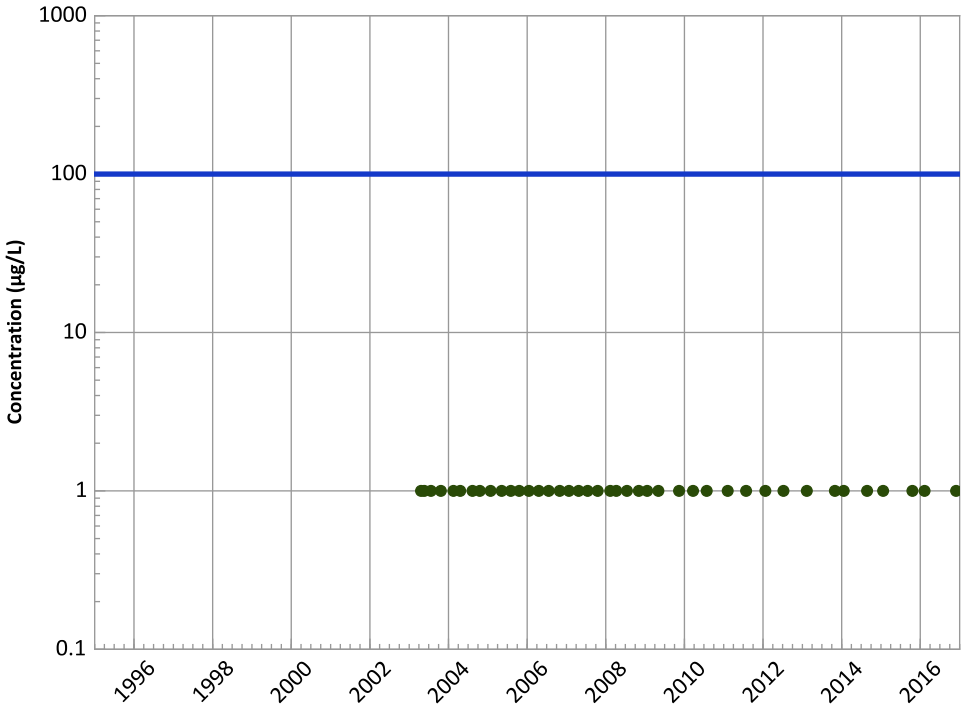
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

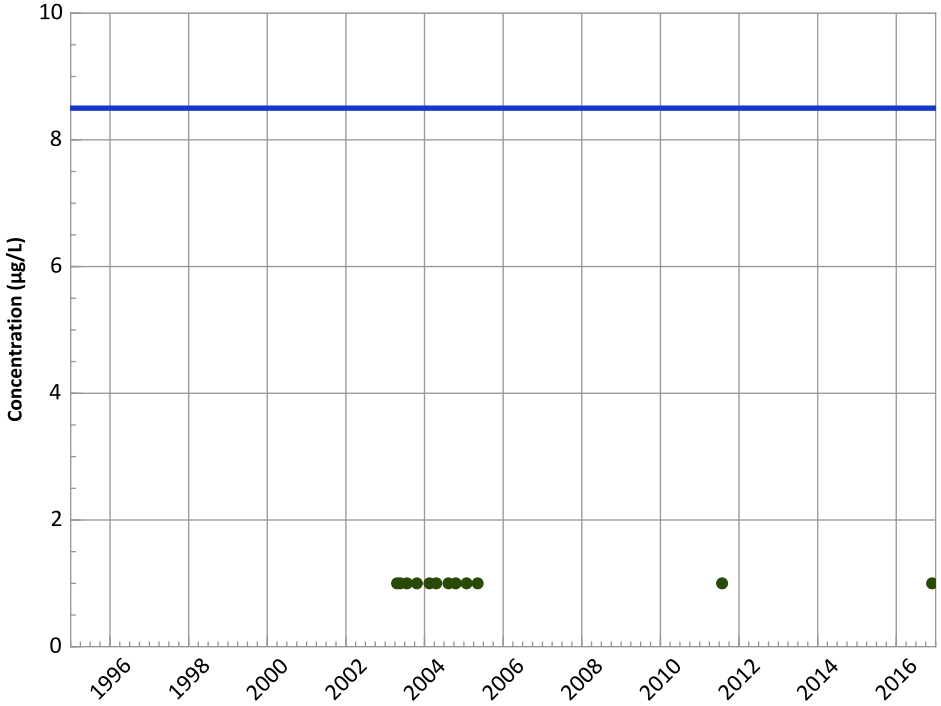


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

trans-1,3-Dichloropropene Trend



Concentration Trend

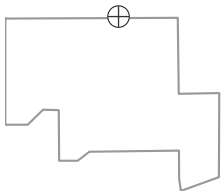
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

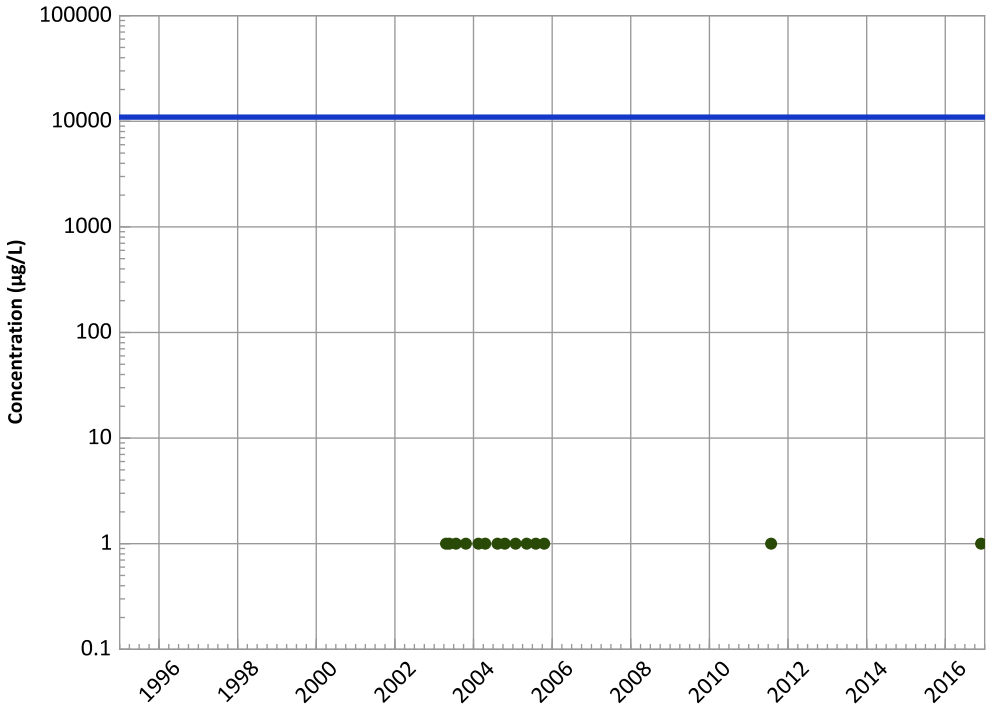
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichlorofluoromethane Trend

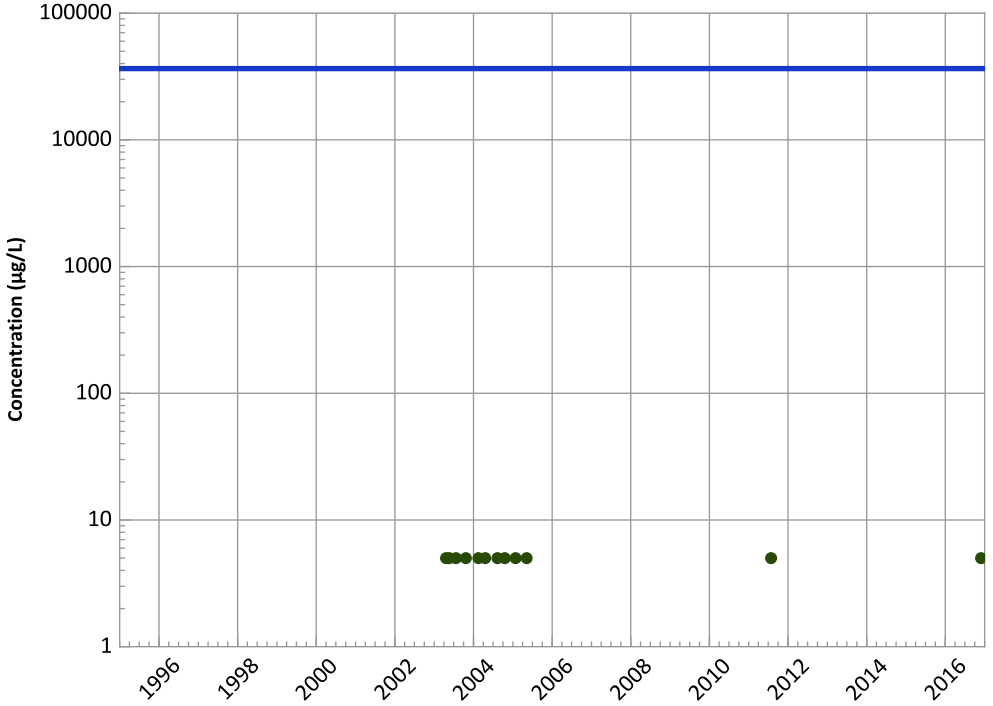


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Vinyl Acetate Trend



Concentration Trend

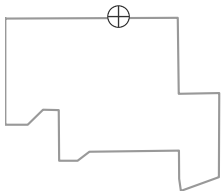
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

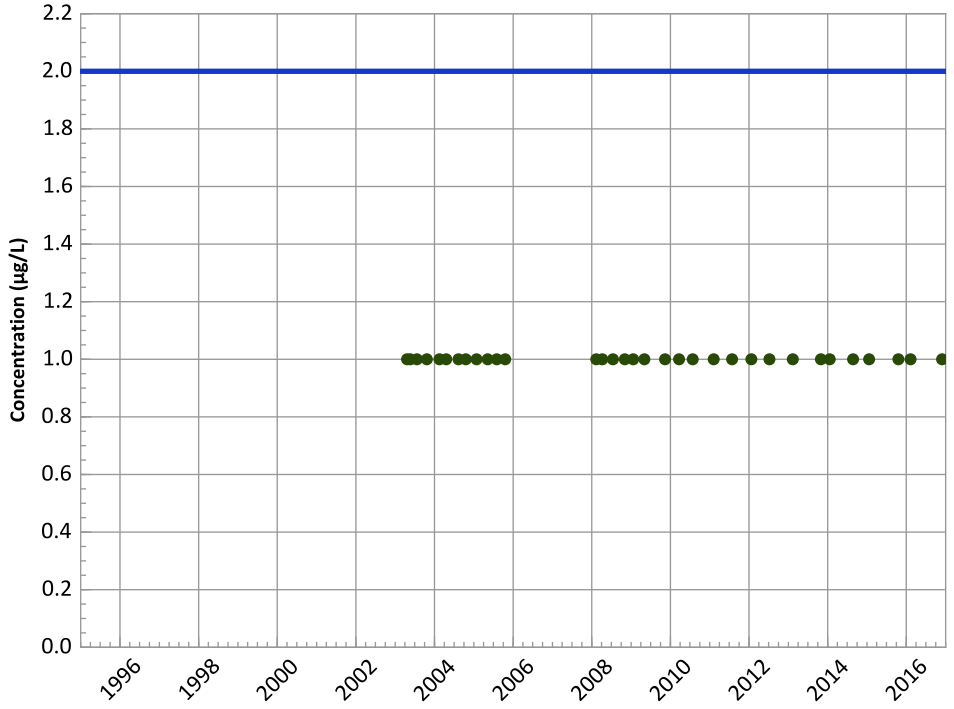
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

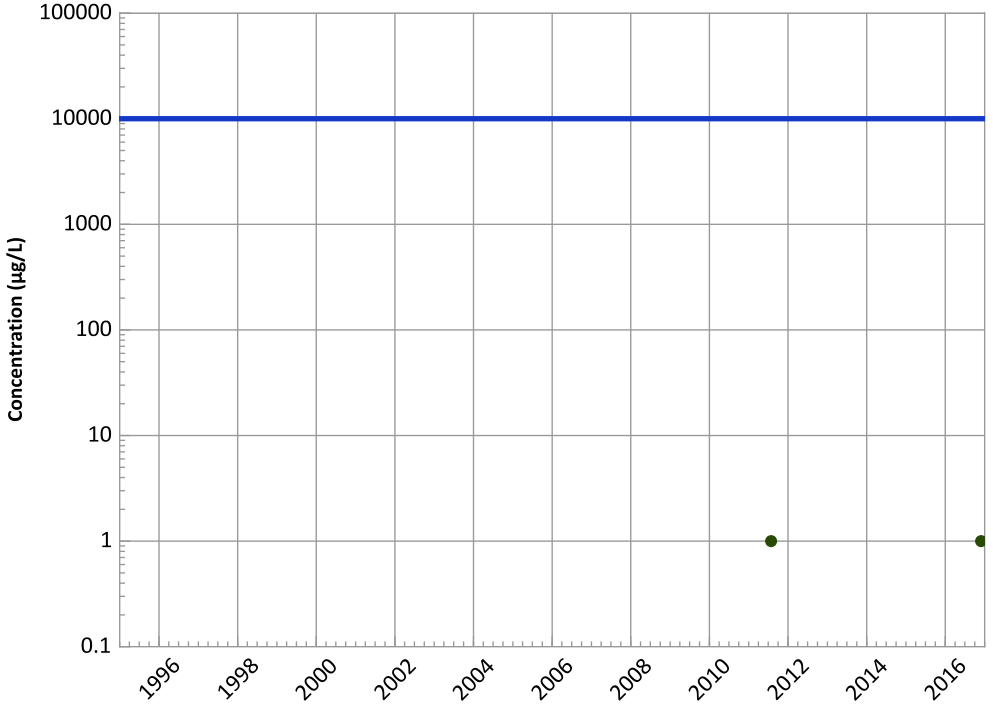


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Xylenes, Total Trend



Concentration Trend

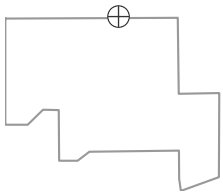
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

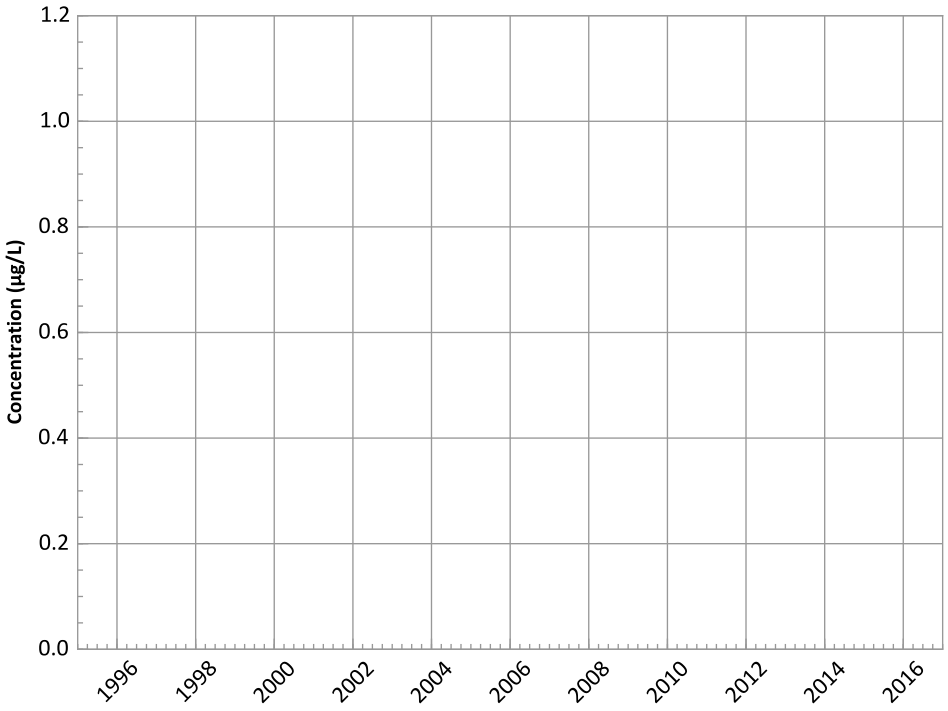
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sulfide Trend

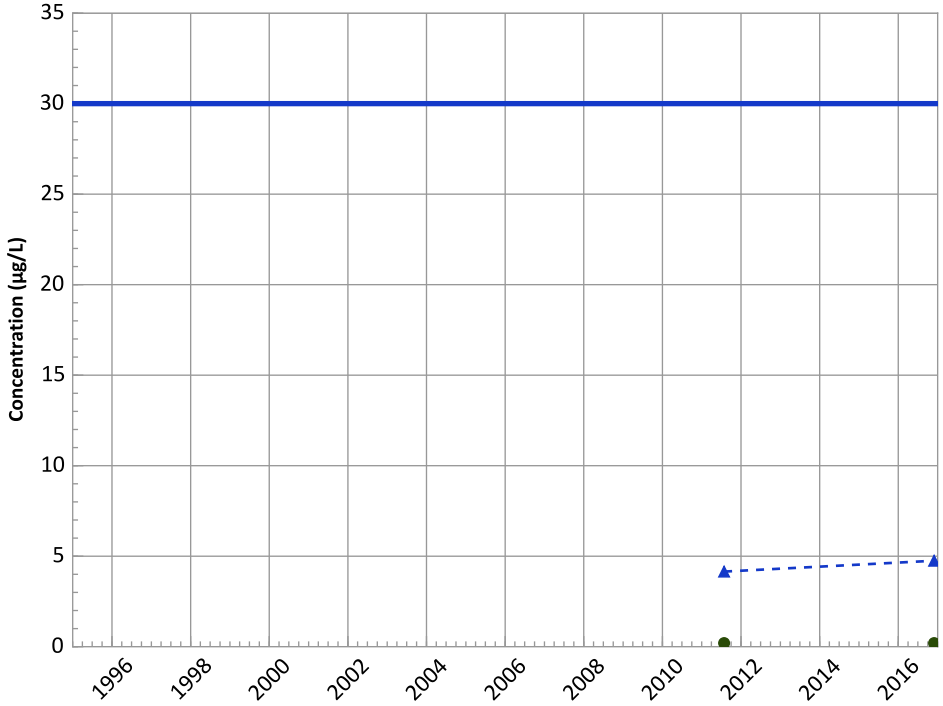


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Uranium, Total Trend



Concentration Trend

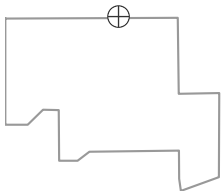
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

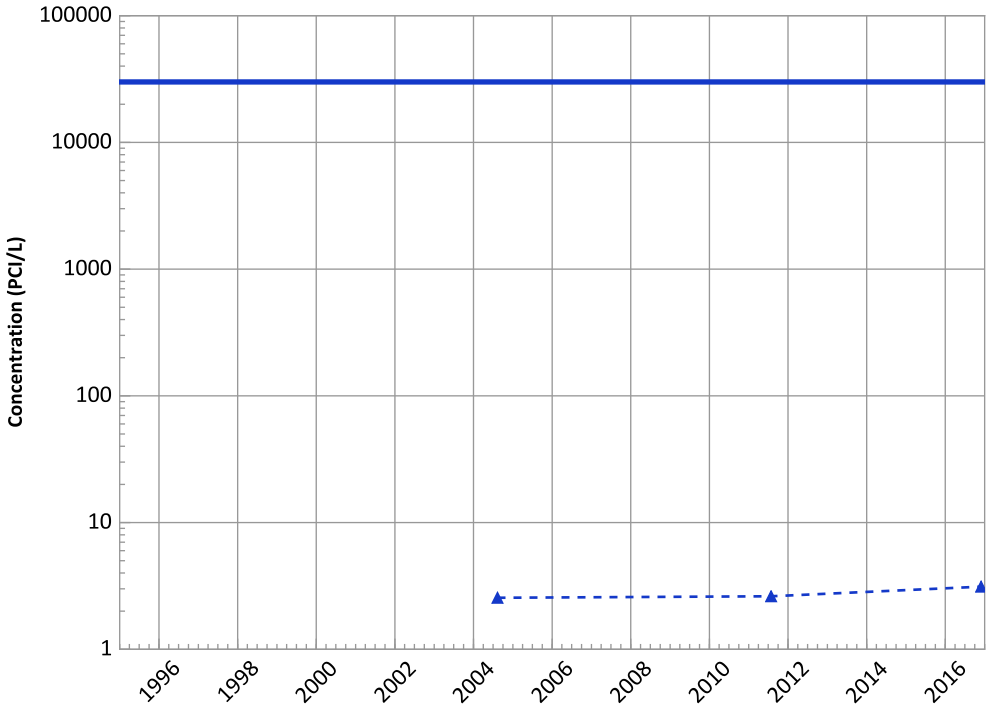
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Uranium-233/234 Trend

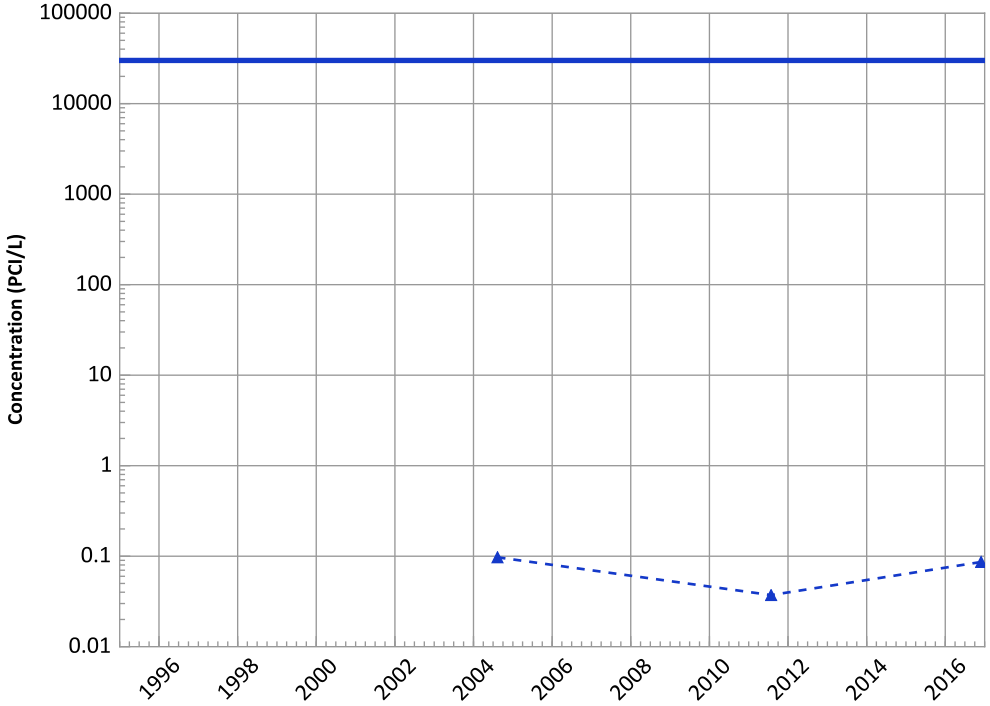


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Uranium-235/236 Trend



Concentration Trend

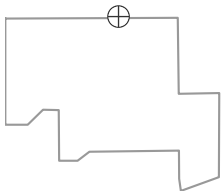
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

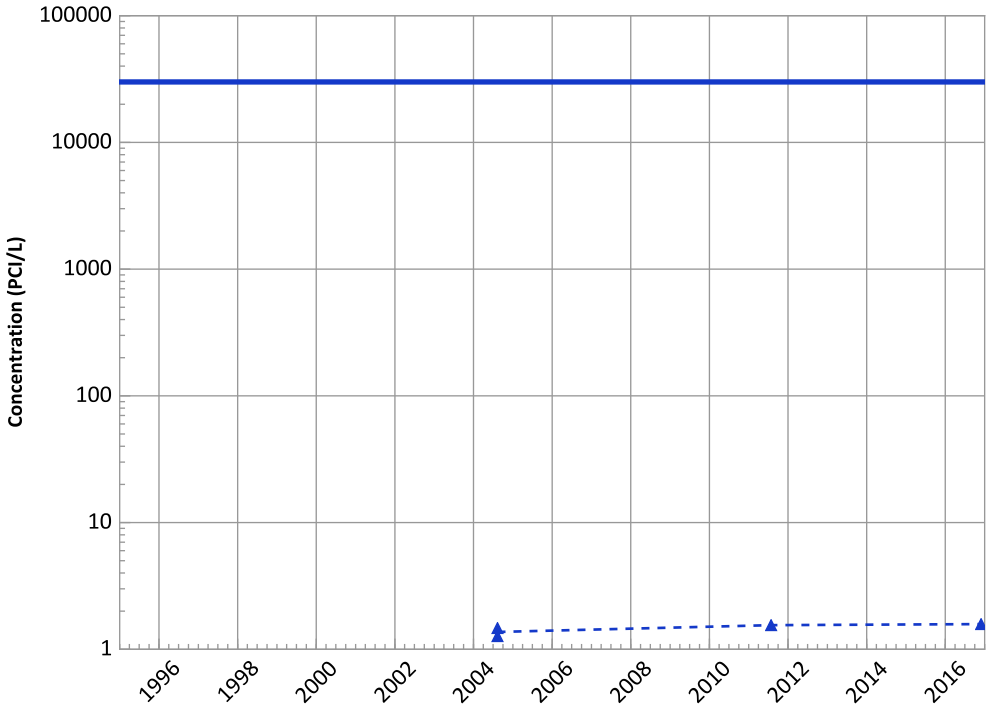
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Uranium-238 Trend

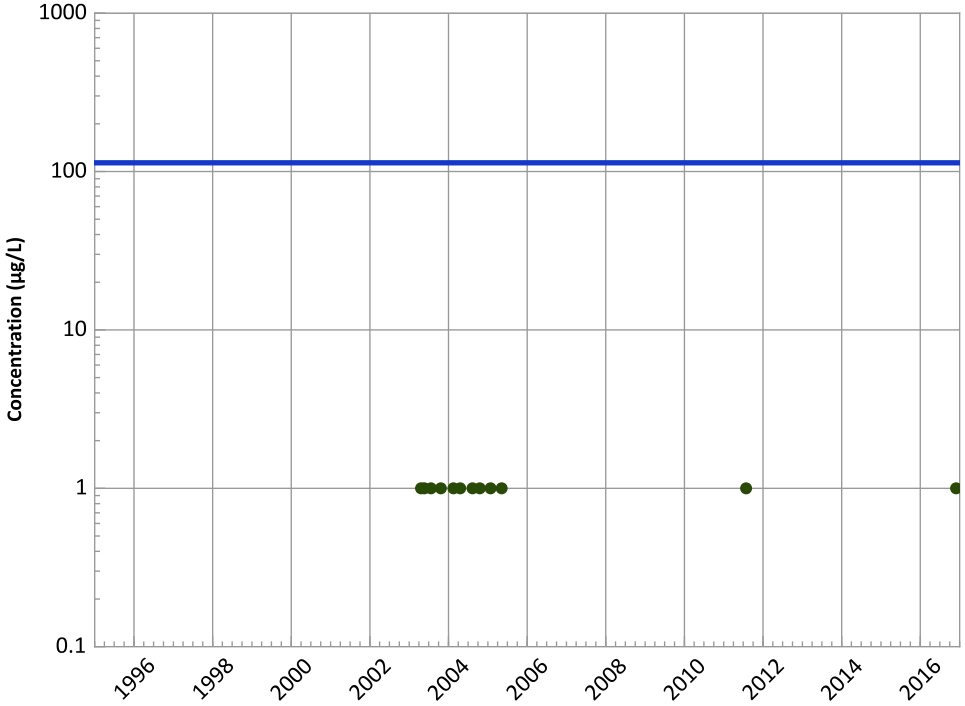


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Dibromomethane Trend



Concentration Trend

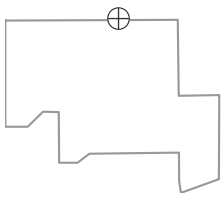
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

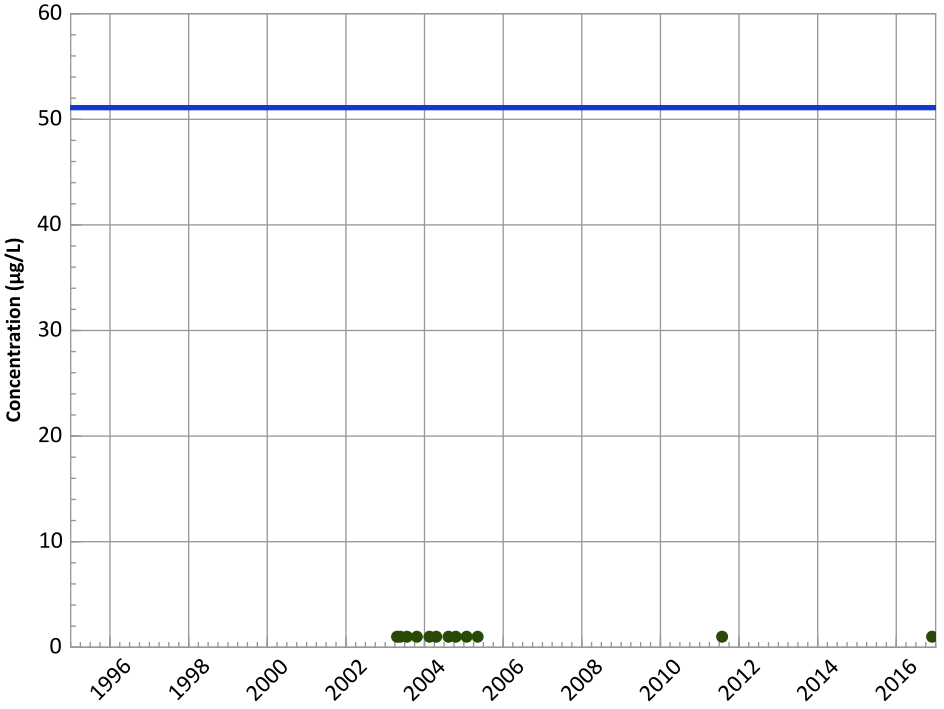
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Bromomethane Trend



Concentration Trend

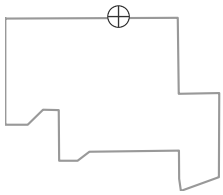
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

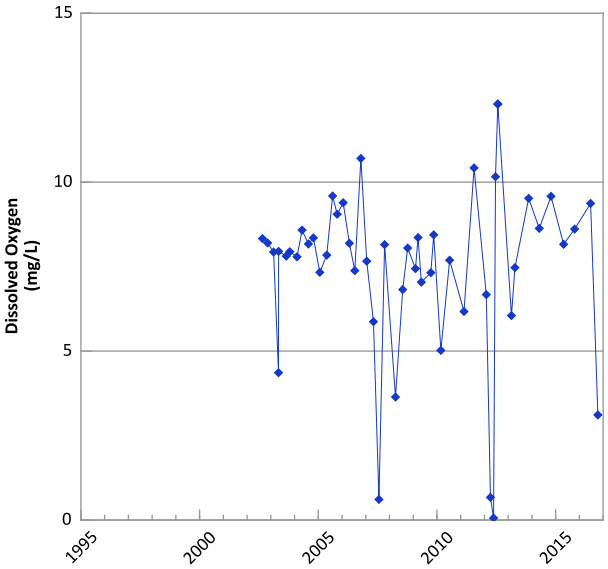
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 04/21/2003 to 11/29/2016
Analysis Date: 03/07/2017

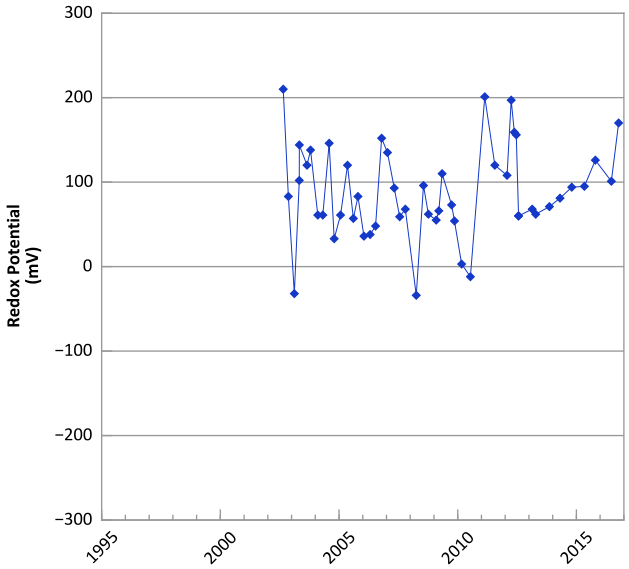
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

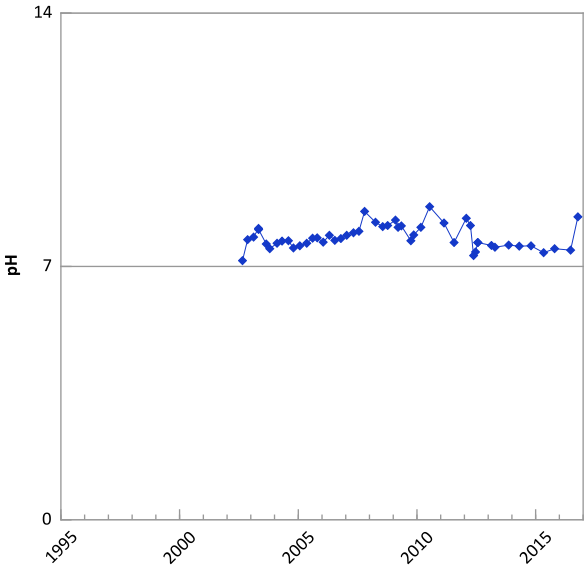
Well Location

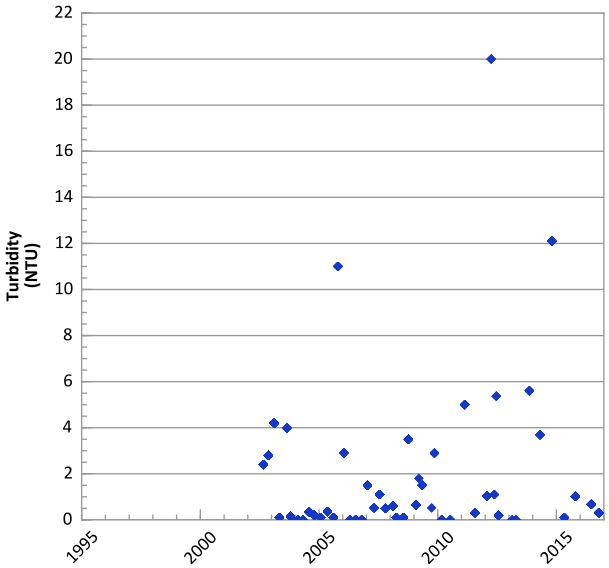


PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



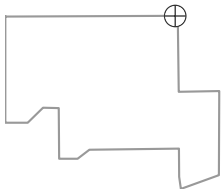






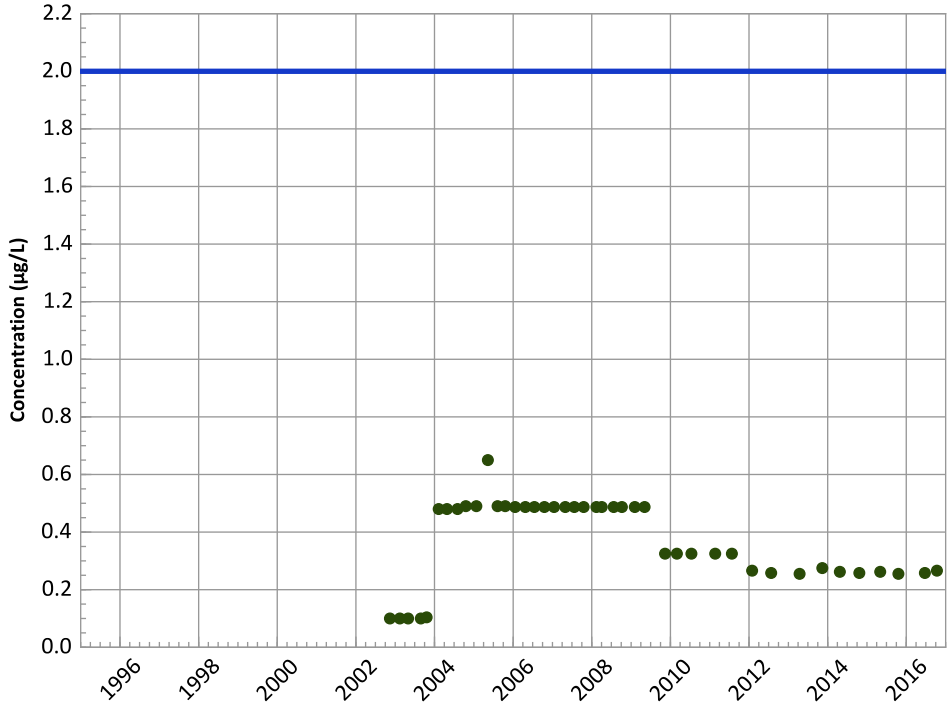
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

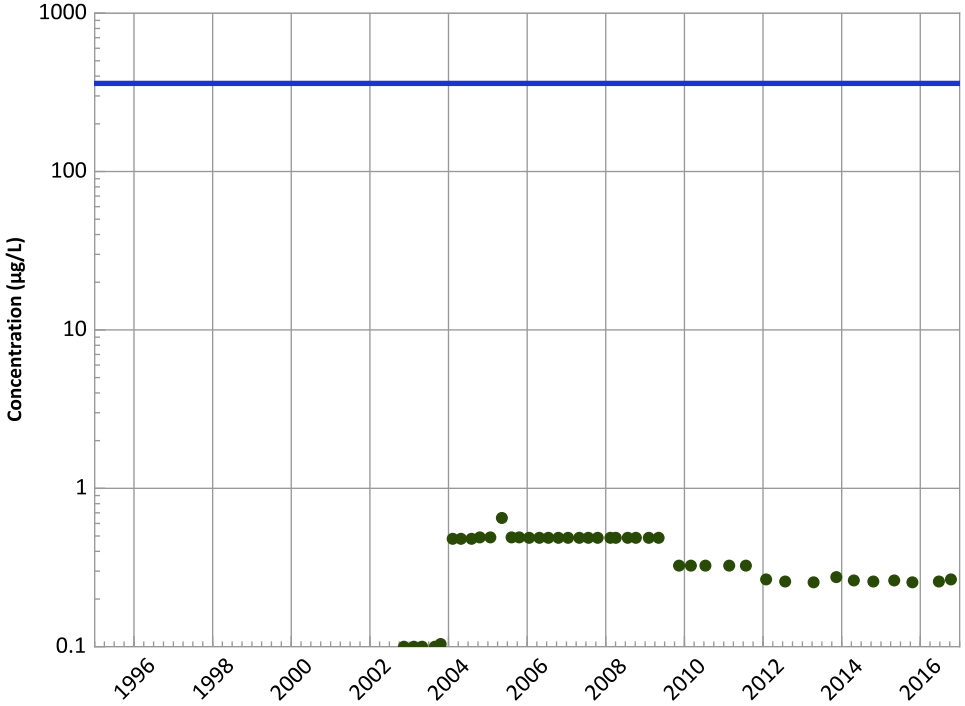


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

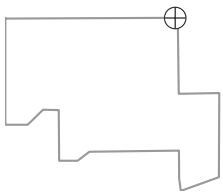
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

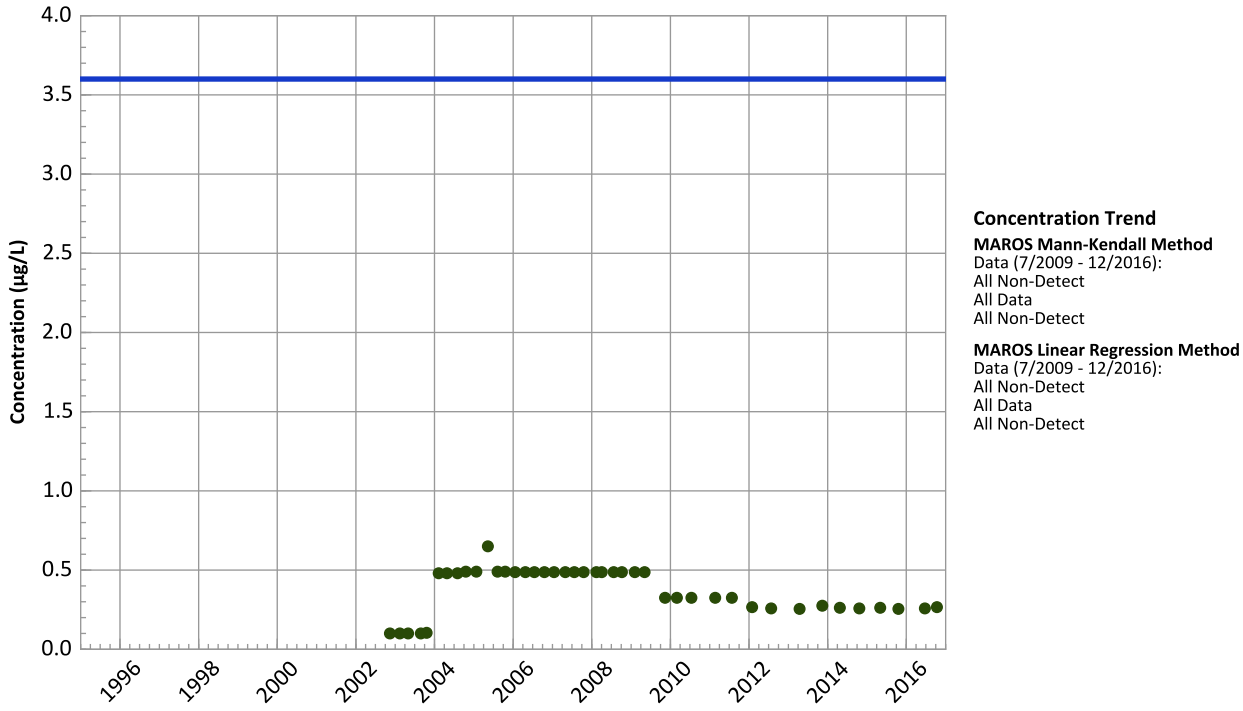
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

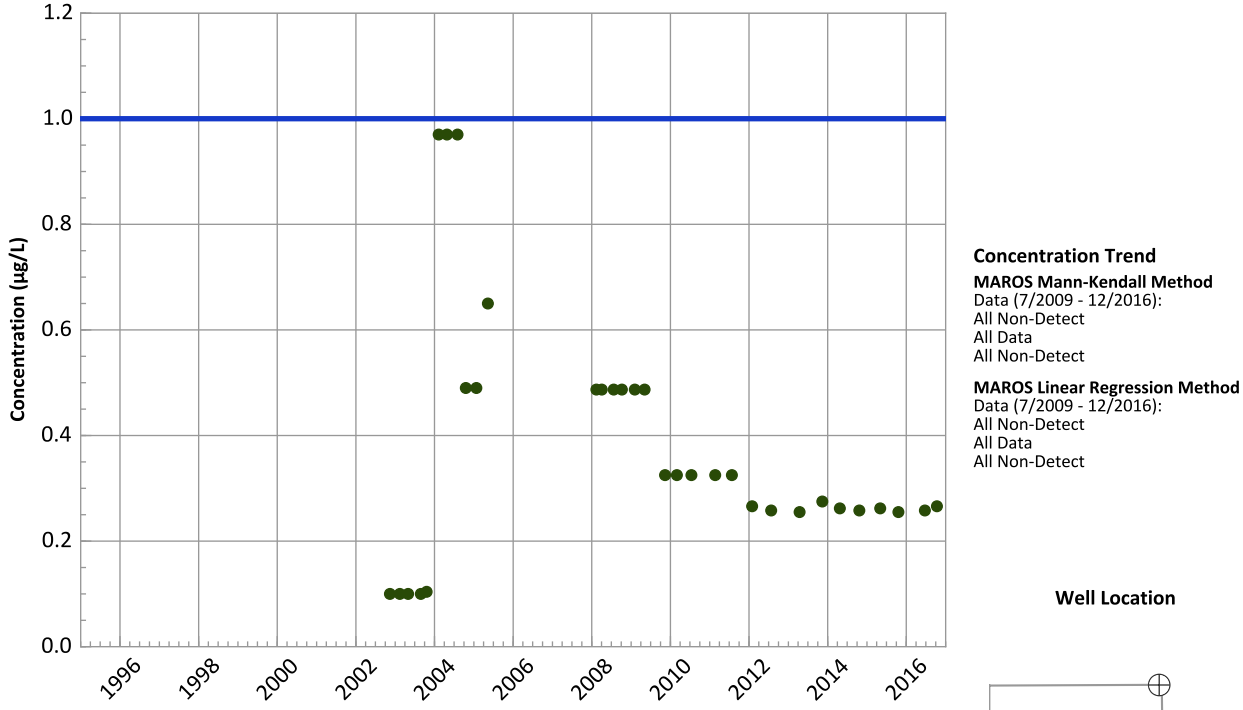


PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



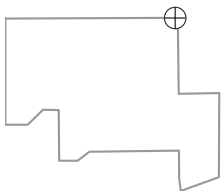
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

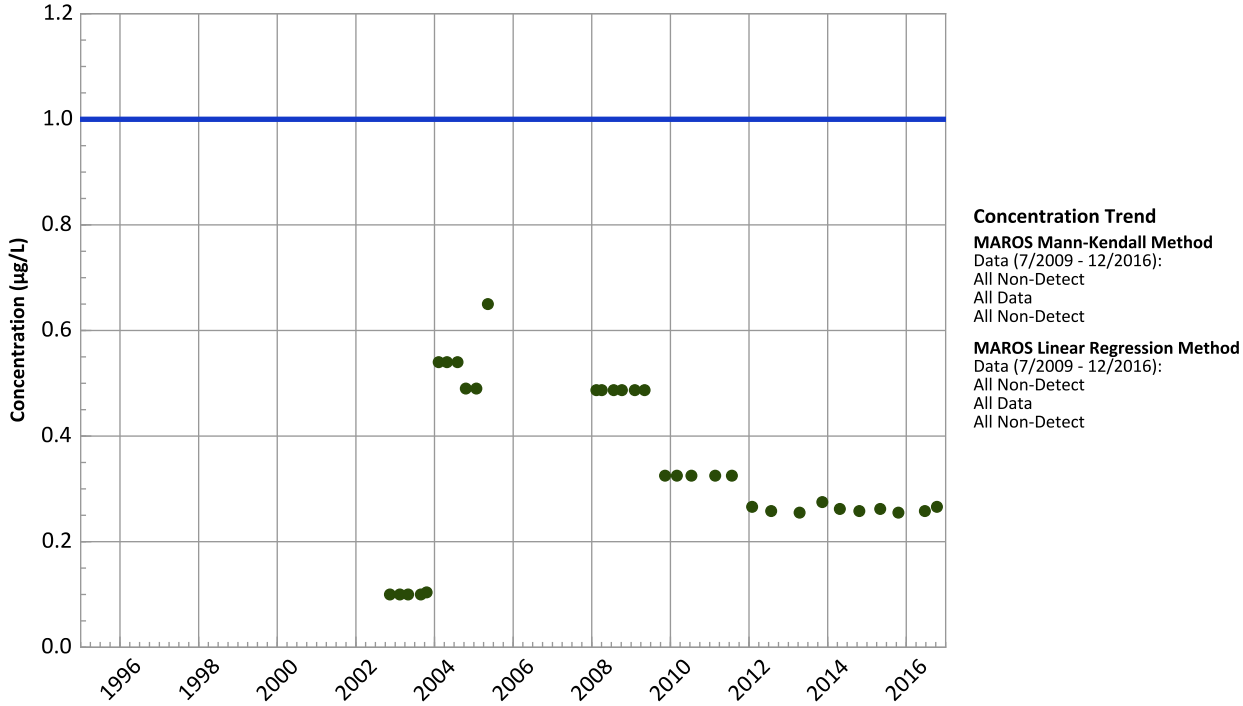
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

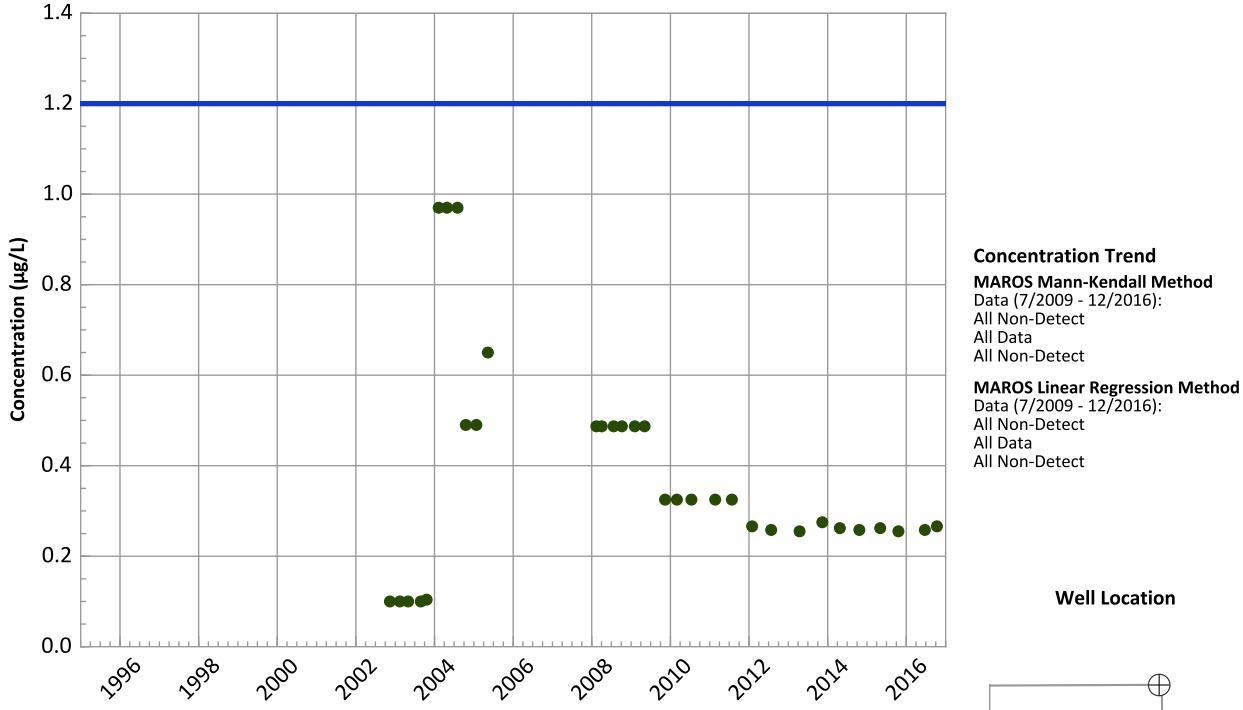


PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



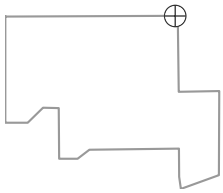
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

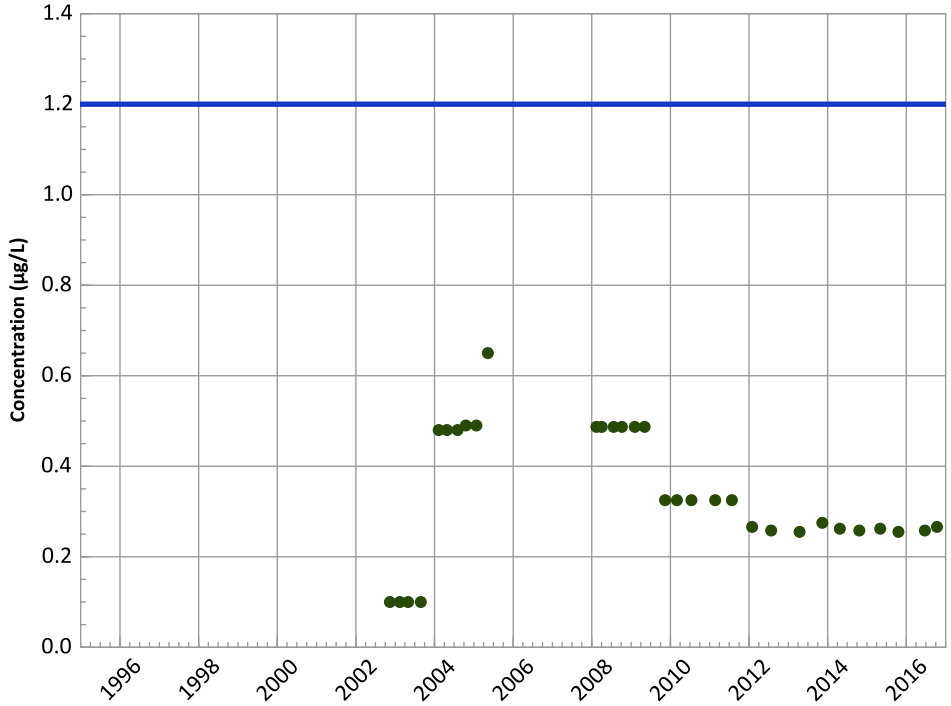
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

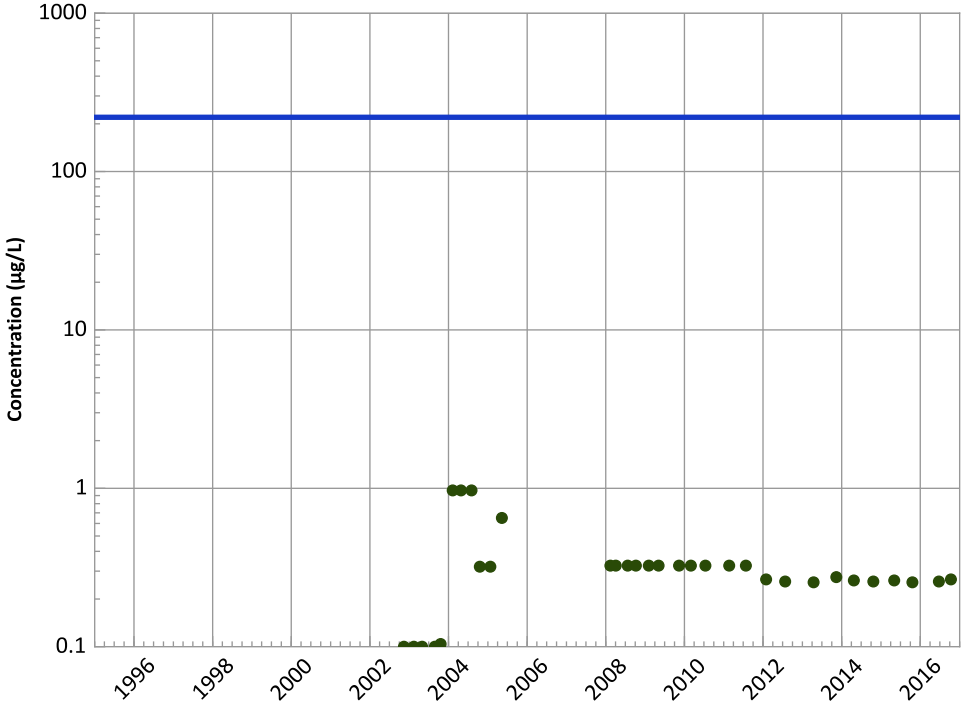


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

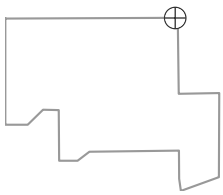
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

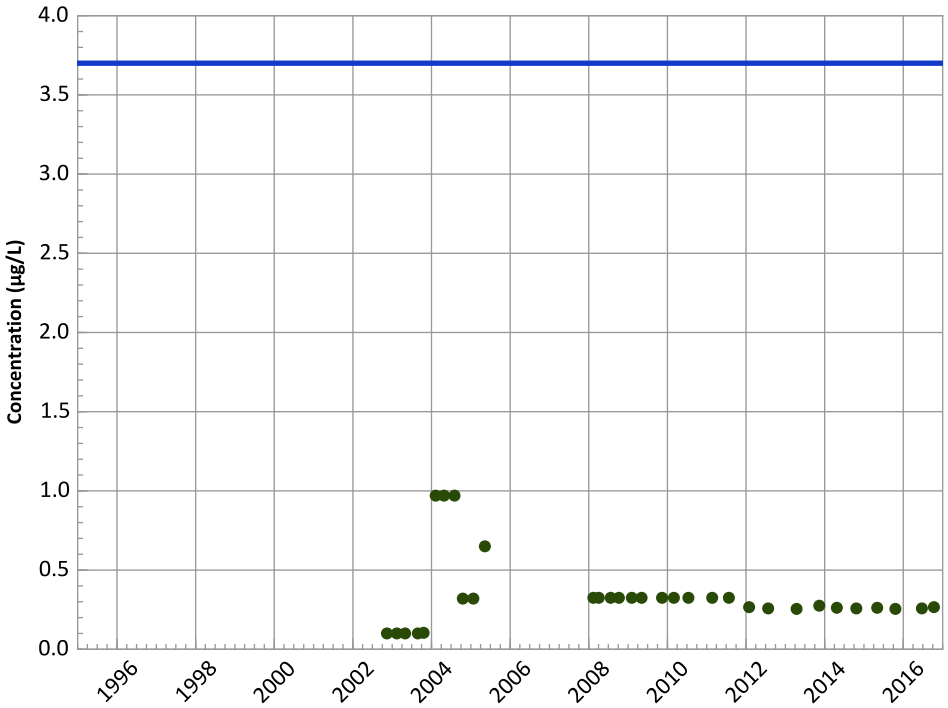
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

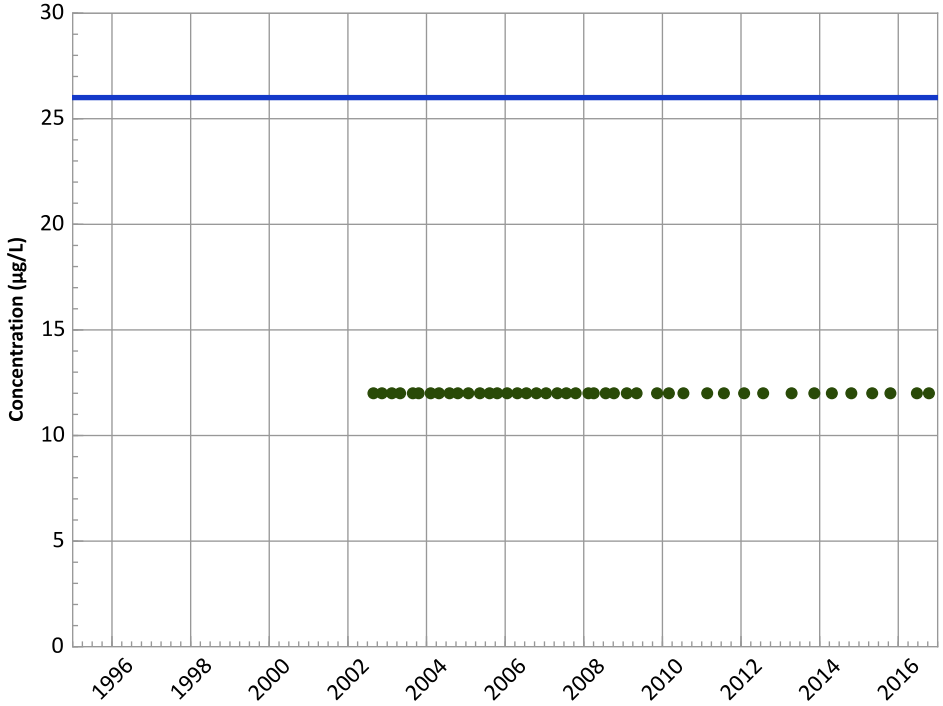


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

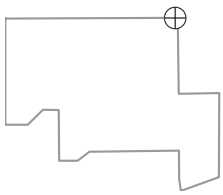
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

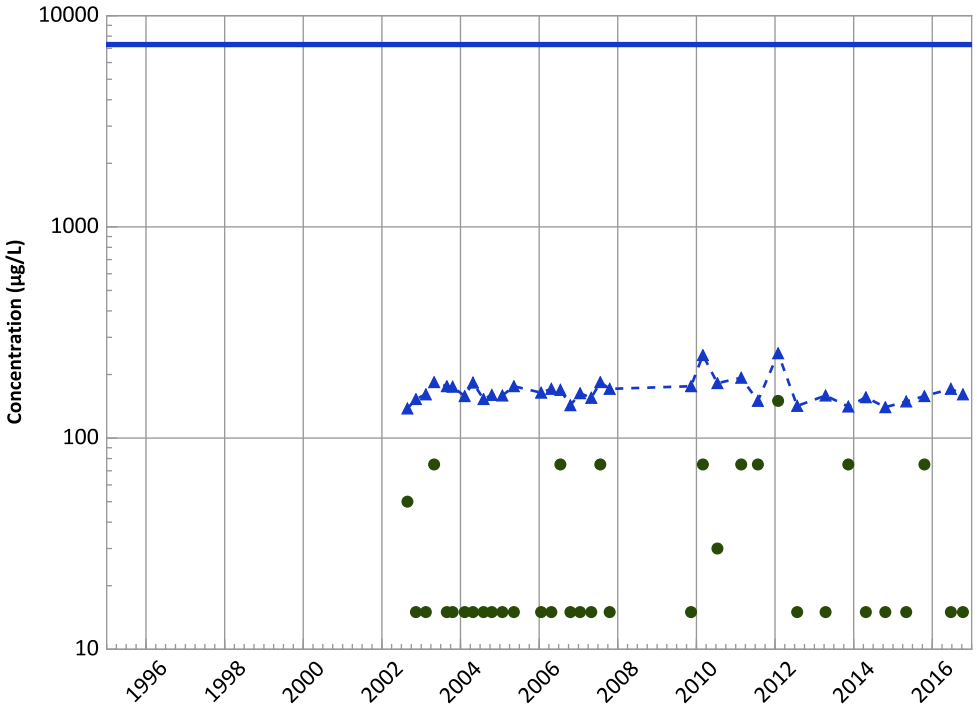
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

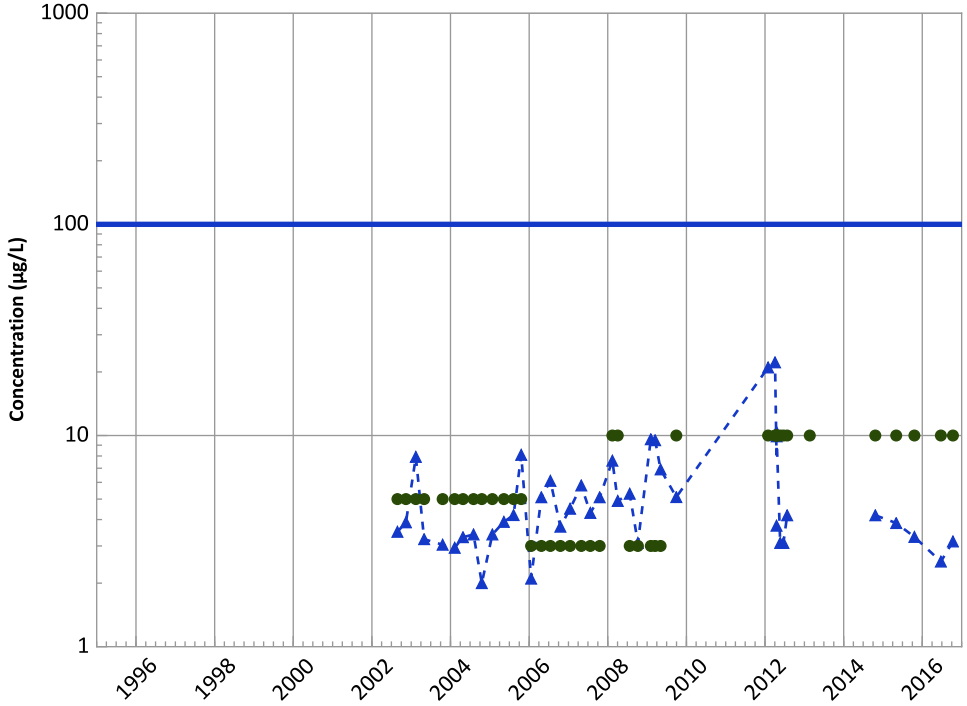


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

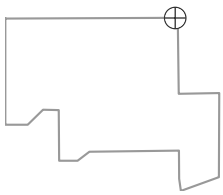
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

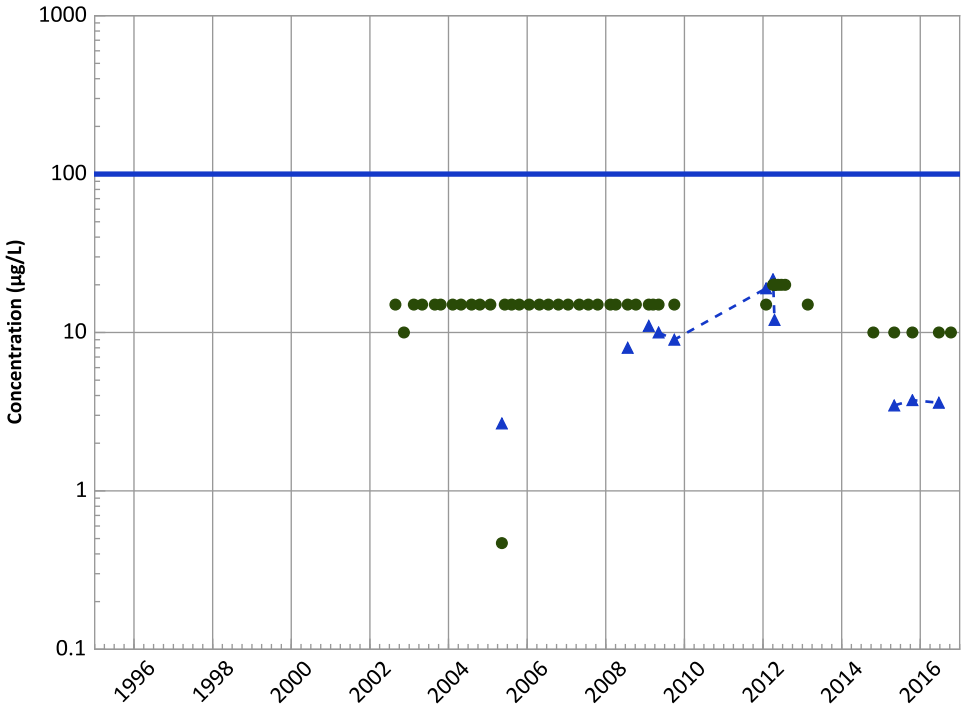
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

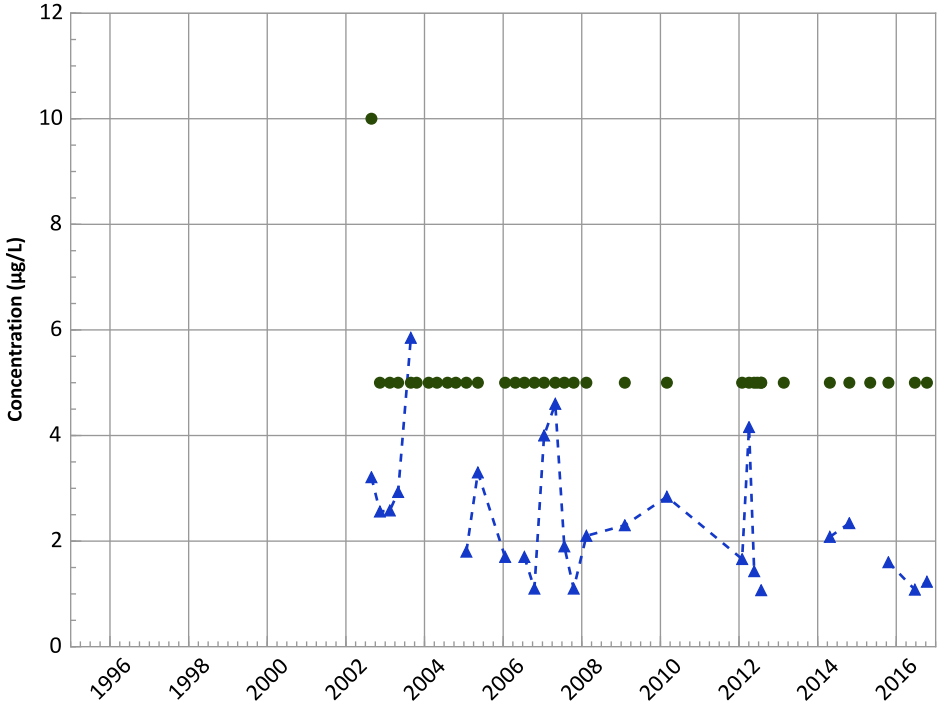


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Stable

Manganese Trend



Concentration Trend

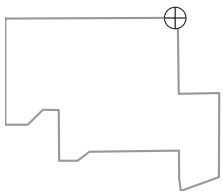
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

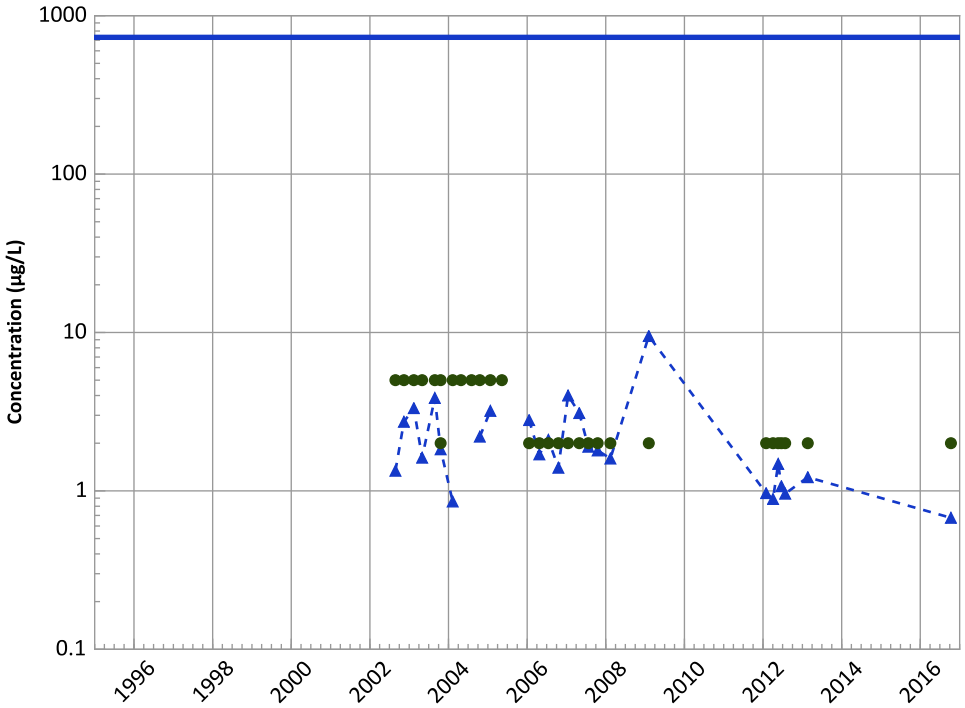
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

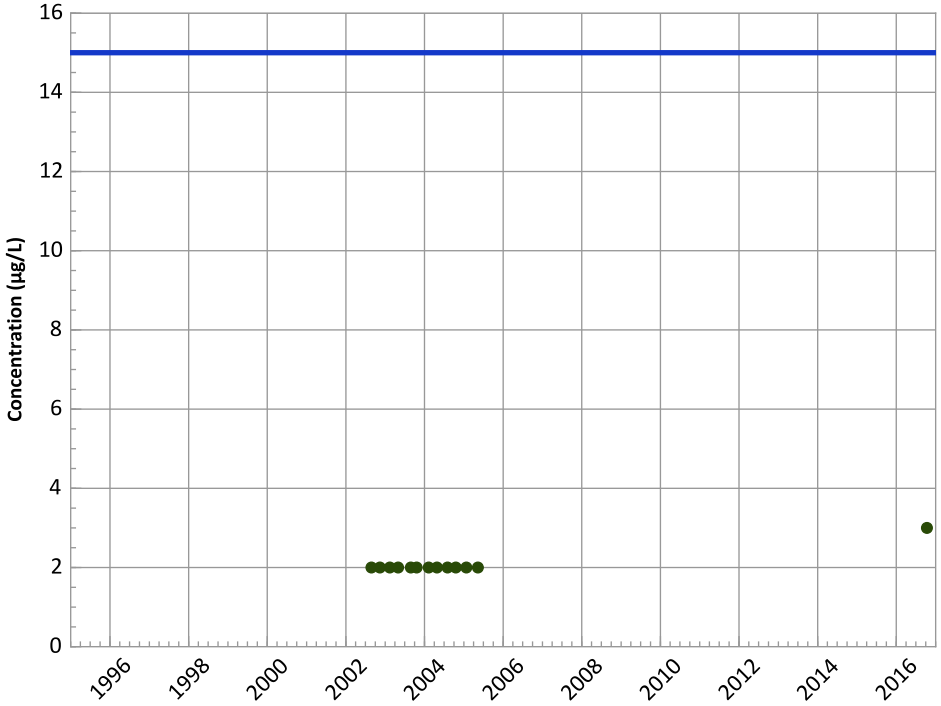


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Decreasing

Antimony Trend



Concentration Trend

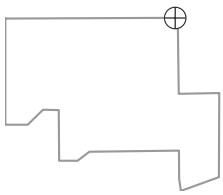
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

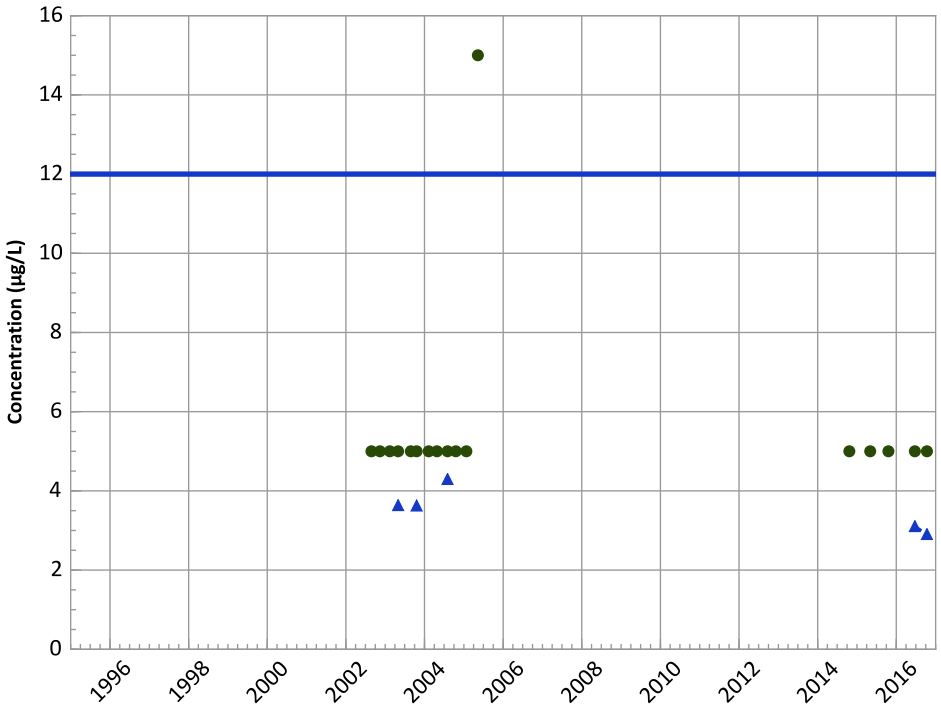
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

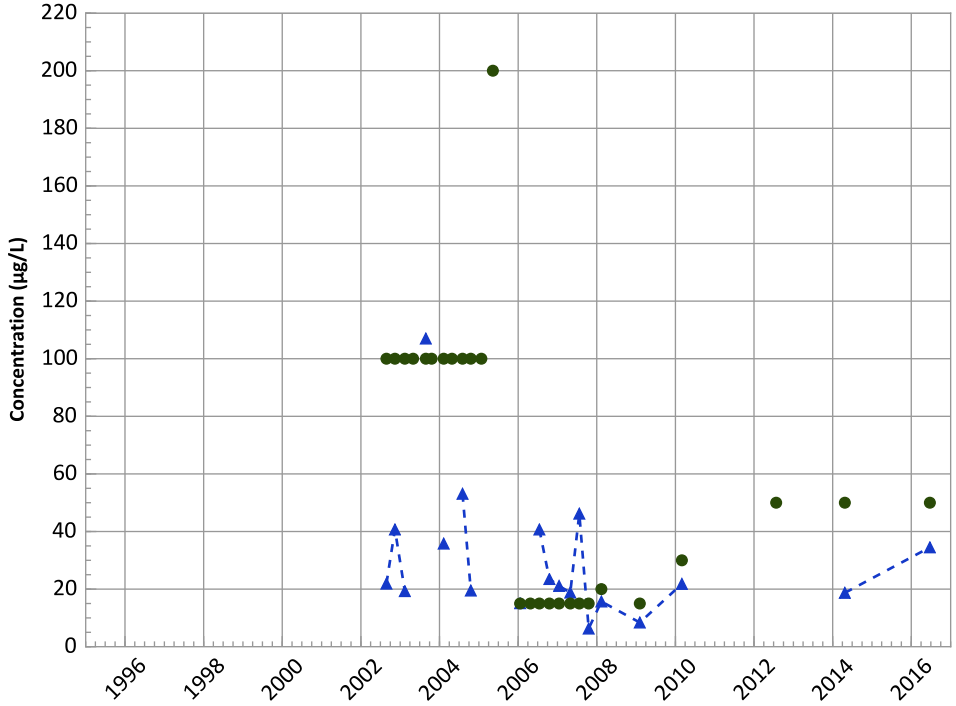


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Aluminum Trend



Concentration Trend

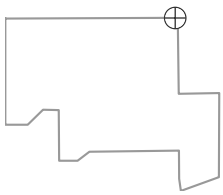
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

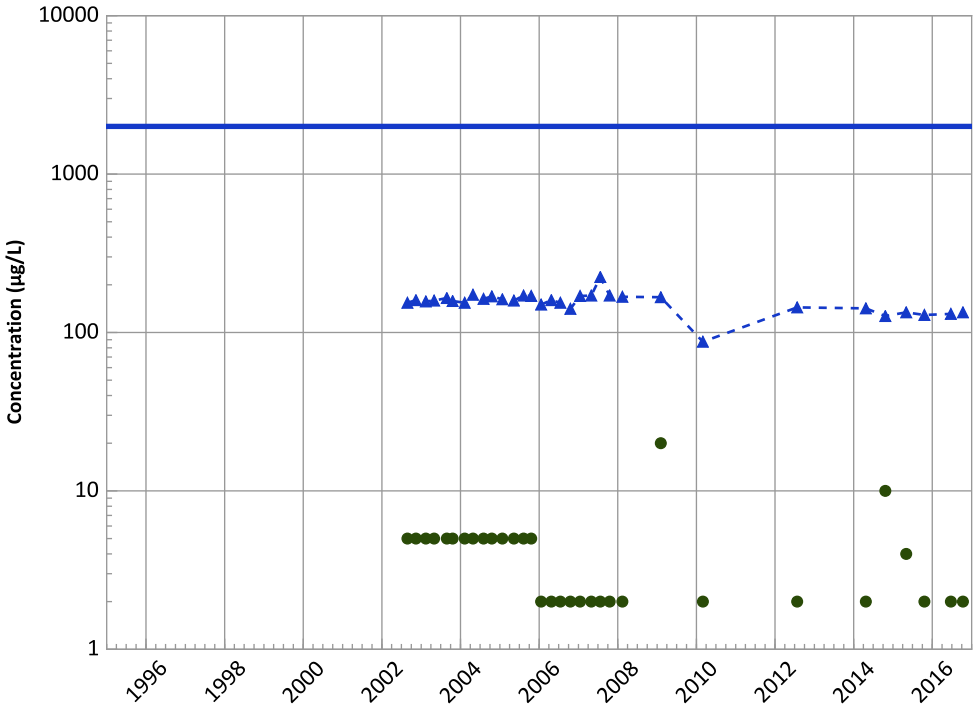
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

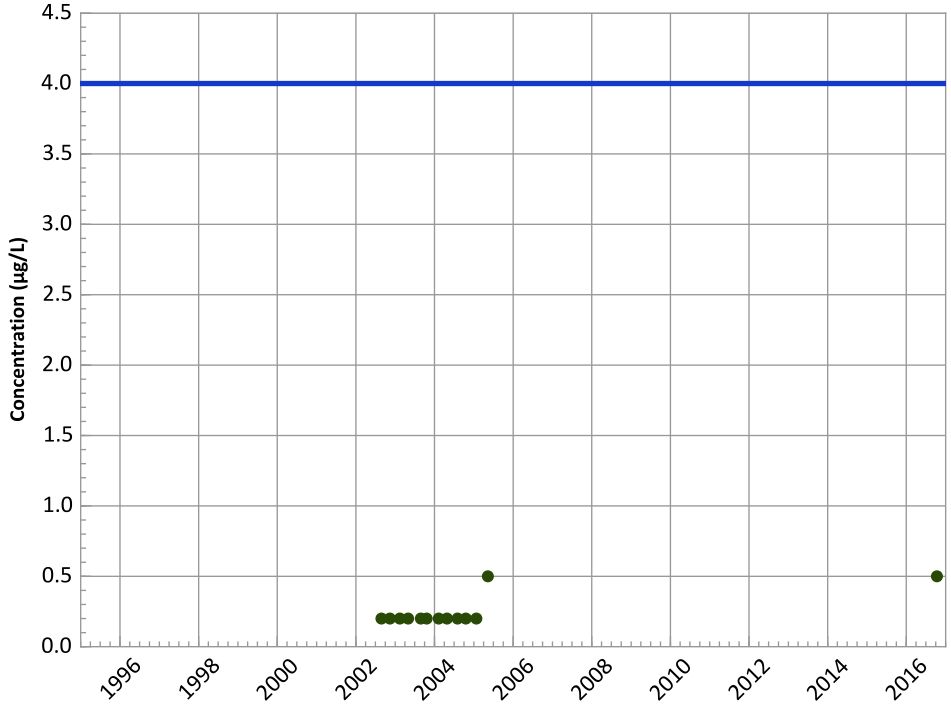


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Beryllium Trend



Concentration Trend

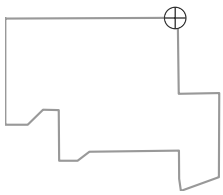
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

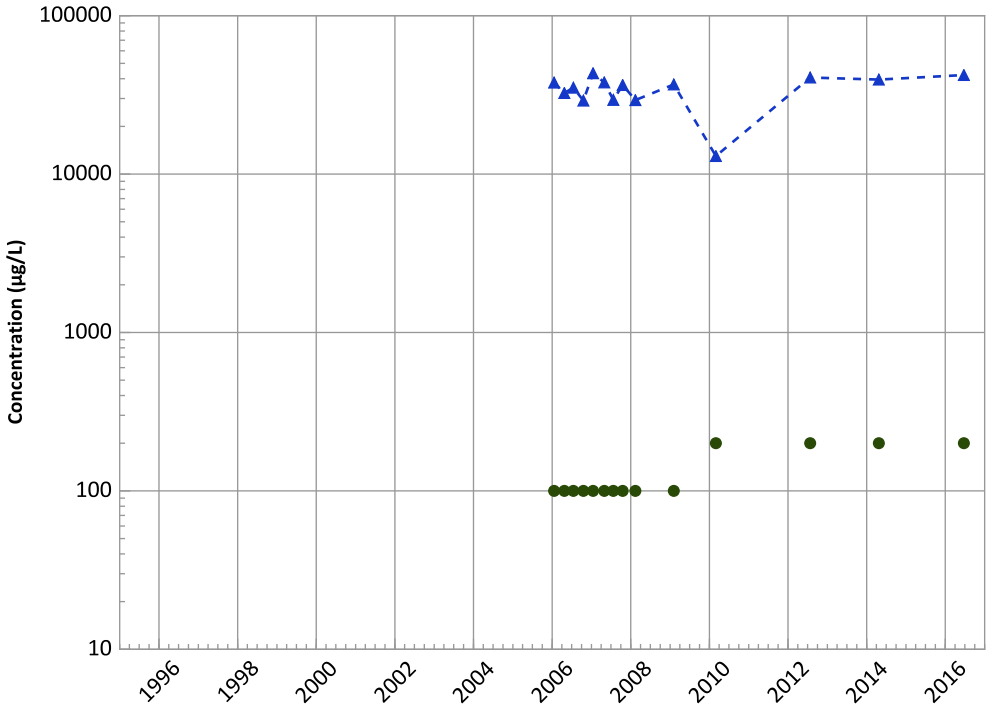
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

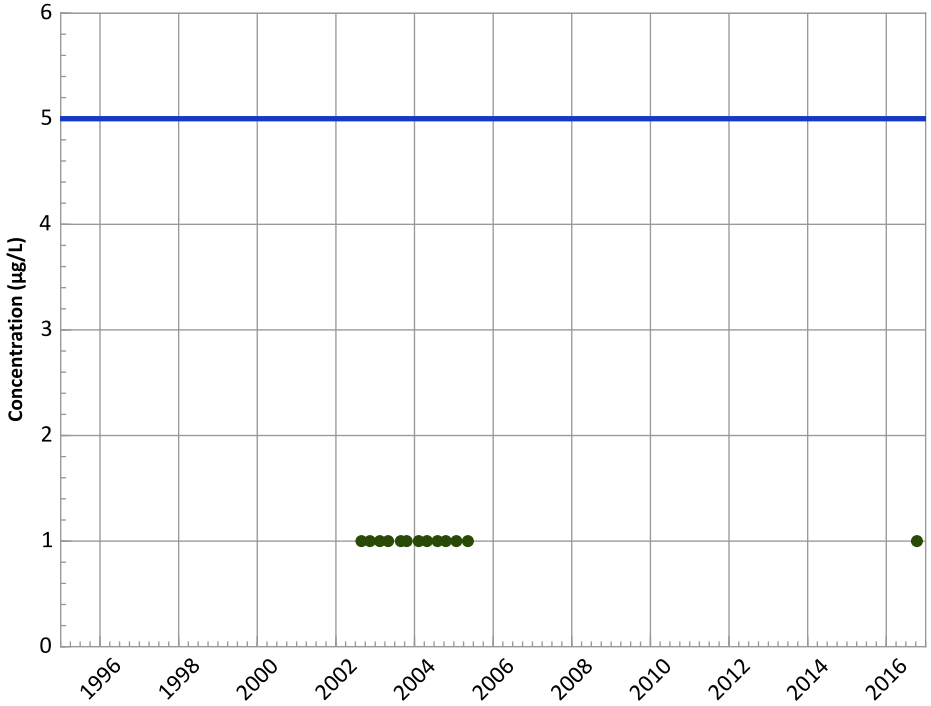


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
No Trend

Cadmium Trend



Concentration Trend

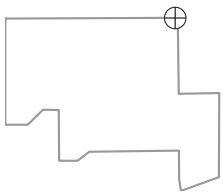
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

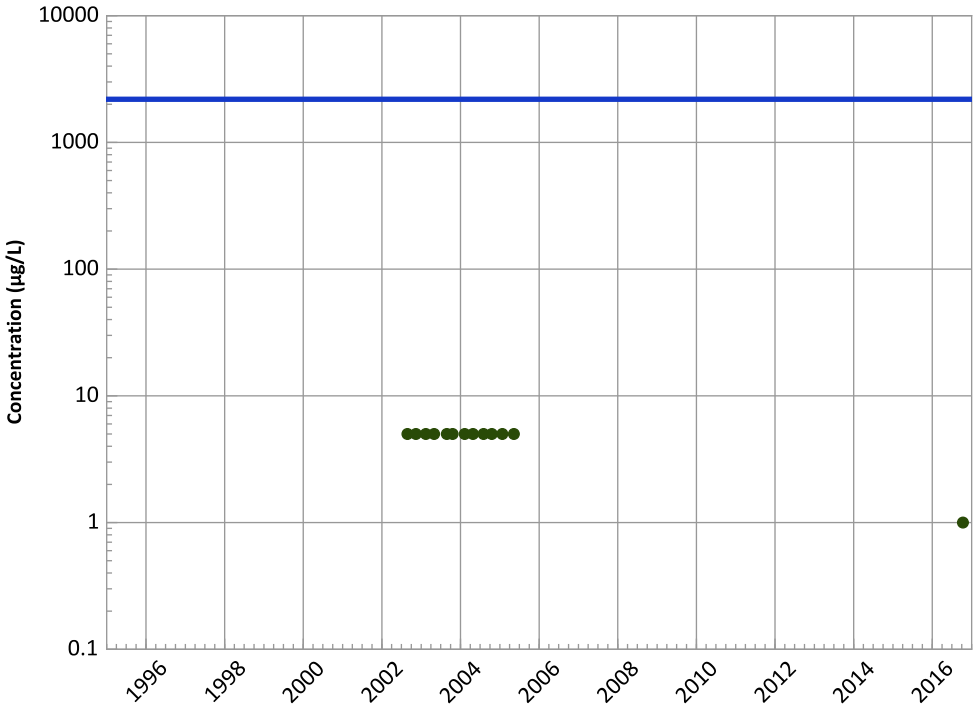
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Cobalt Trend

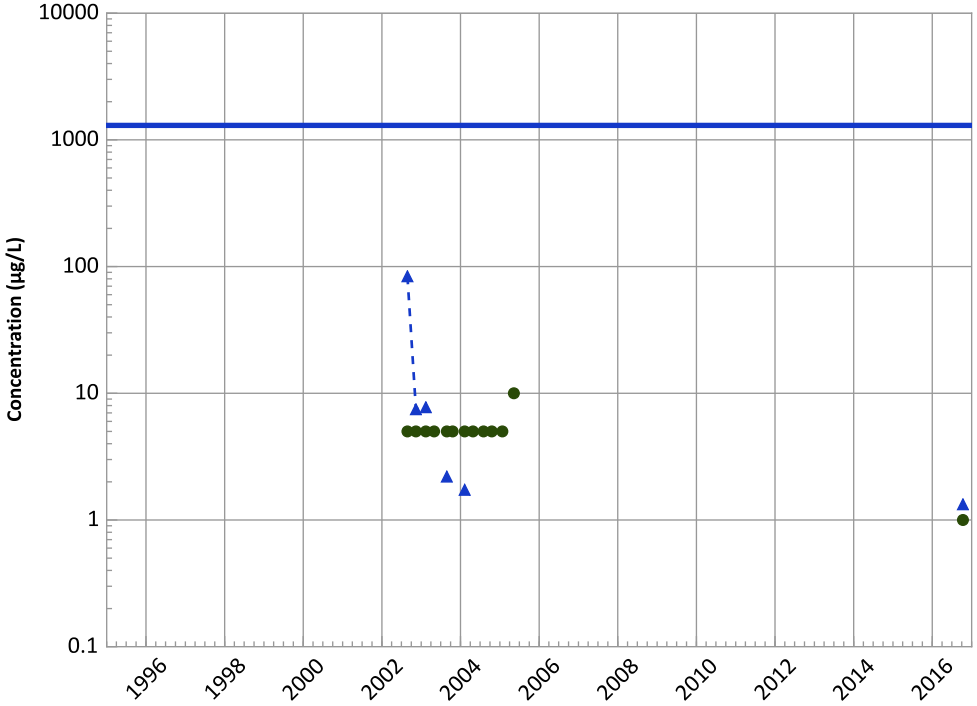


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Copper Trend



Concentration Trend

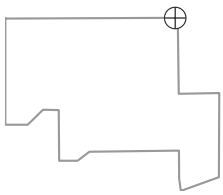
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

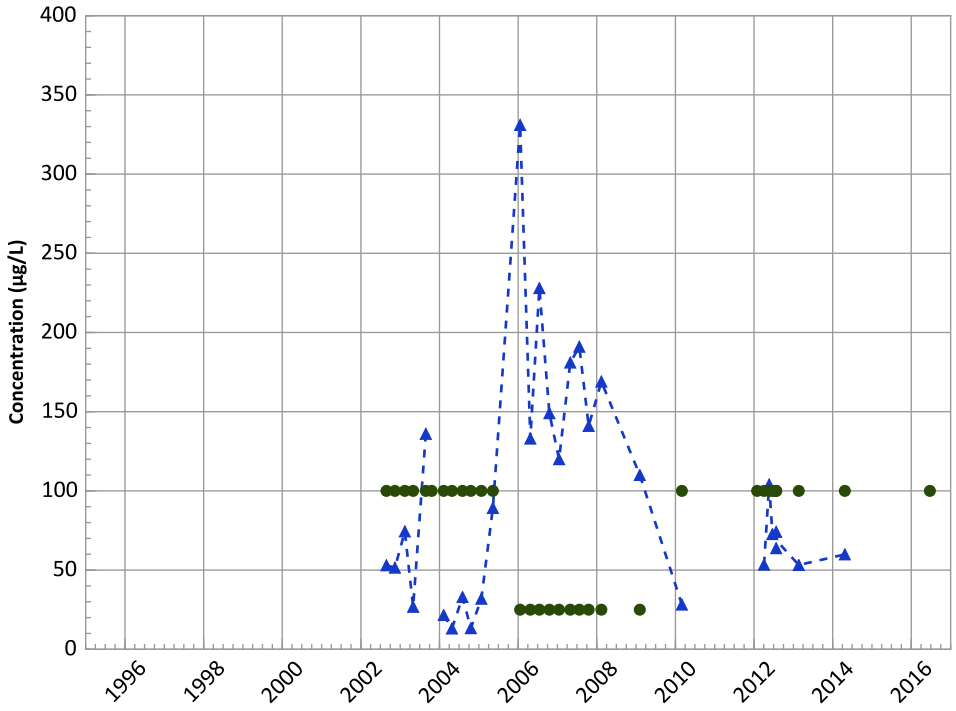
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

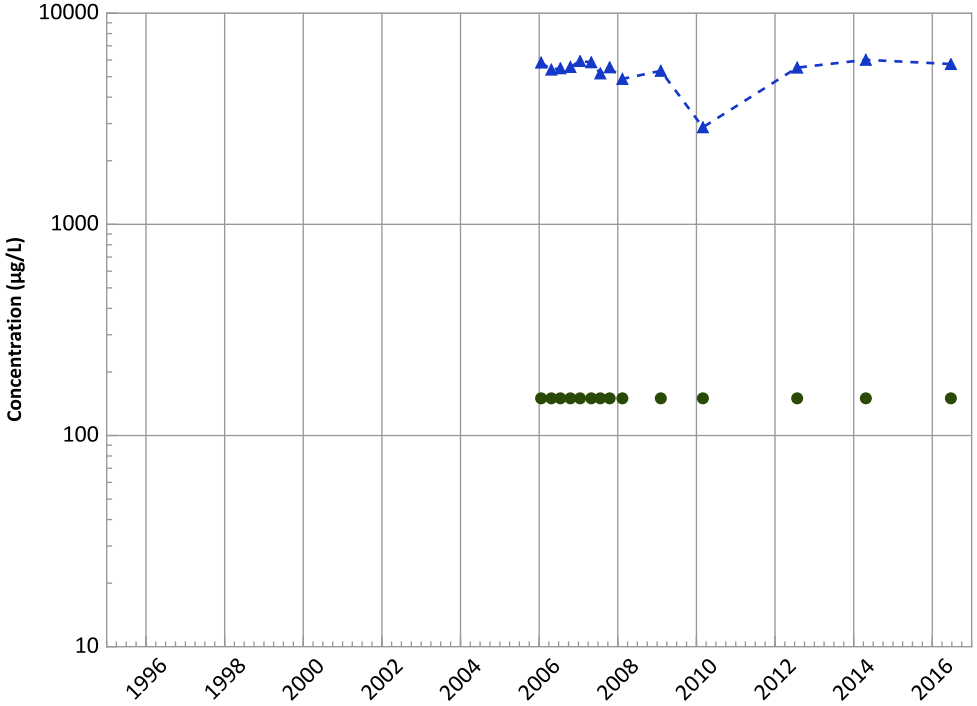


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
No Trend

Potassium Trend



Concentration Trend

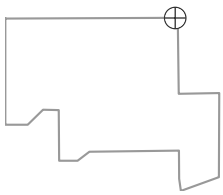
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

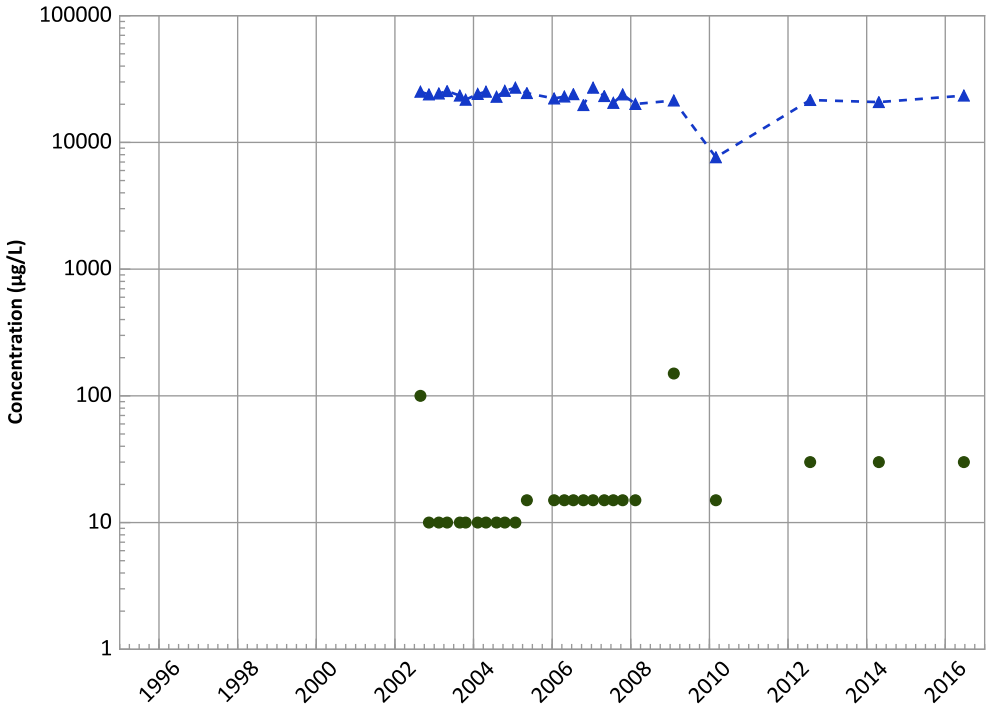
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

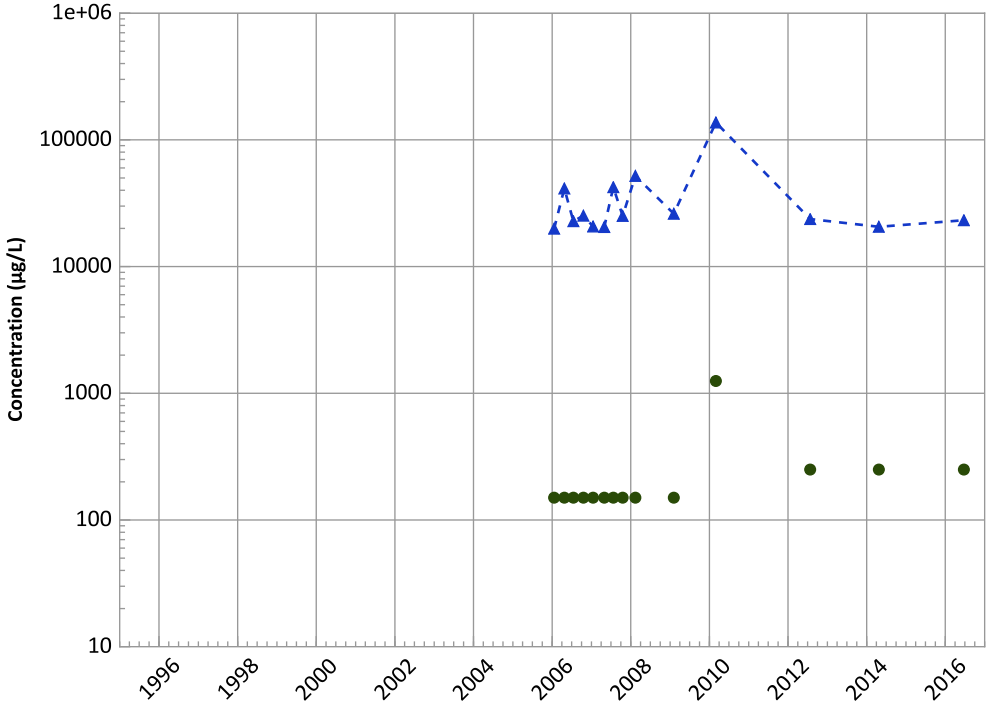


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Decreasing

Sodium Trend



Concentration Trend

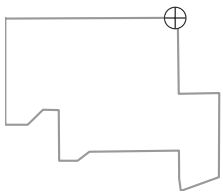
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

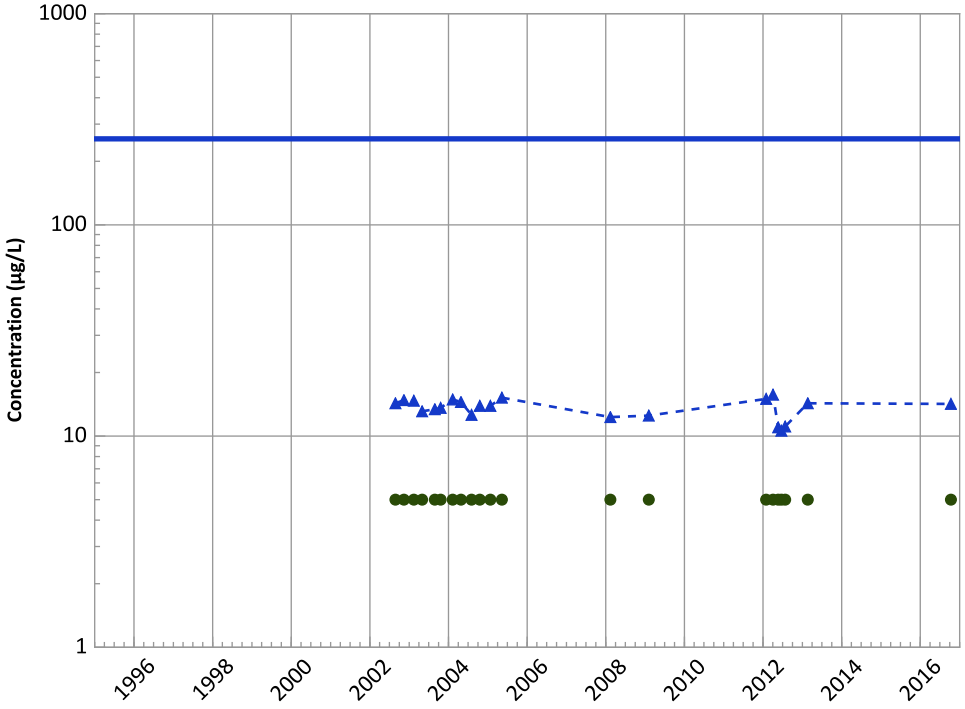
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

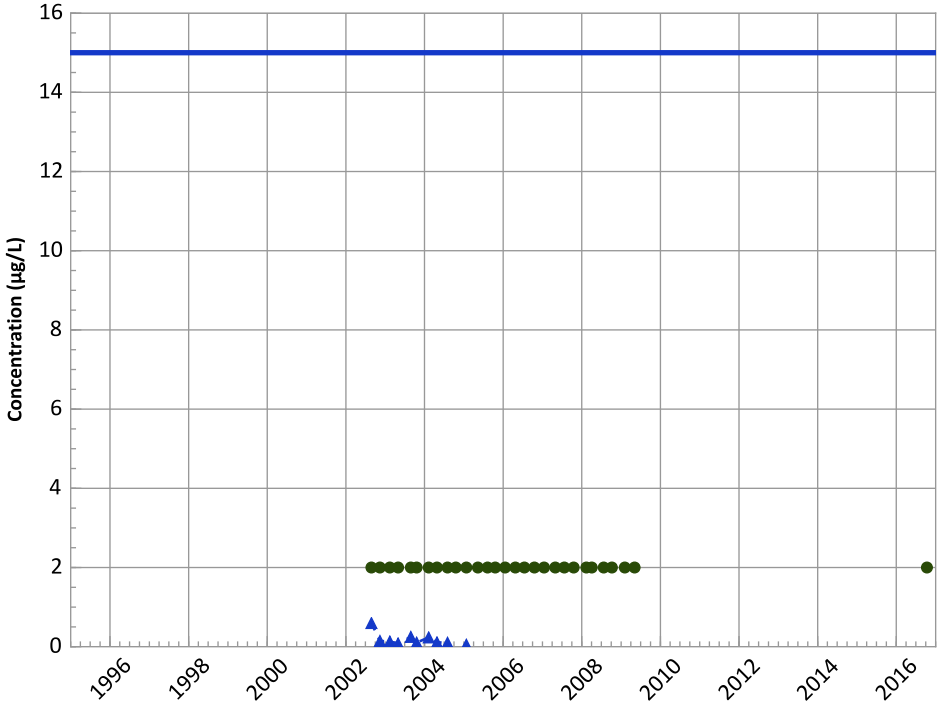


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Decreasing

Lead Trend



Concentration Trend

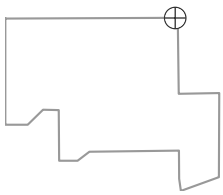
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

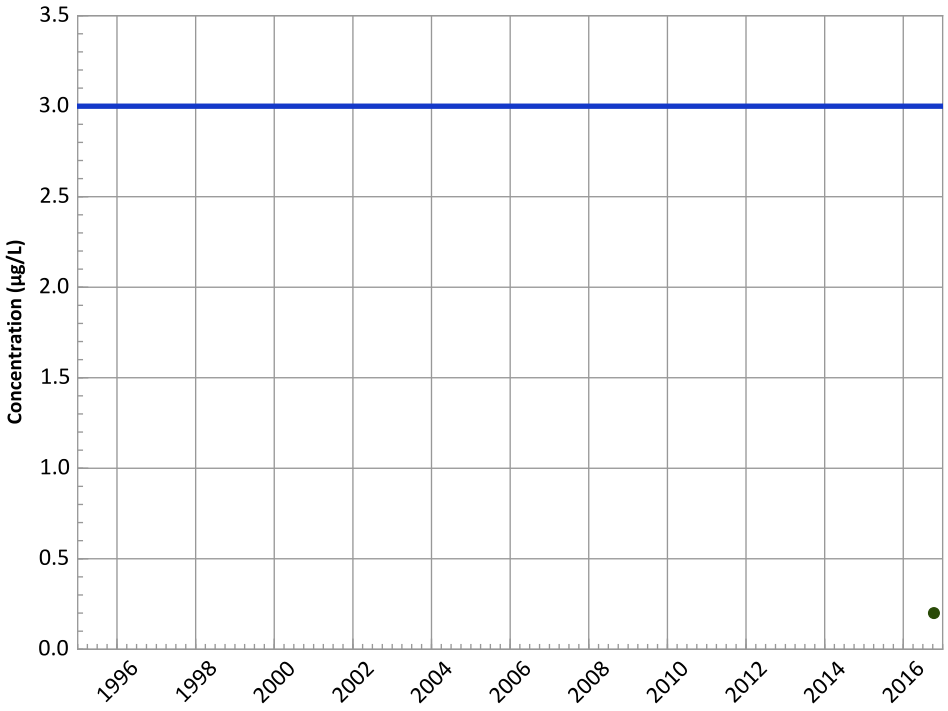
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Mercury Trend

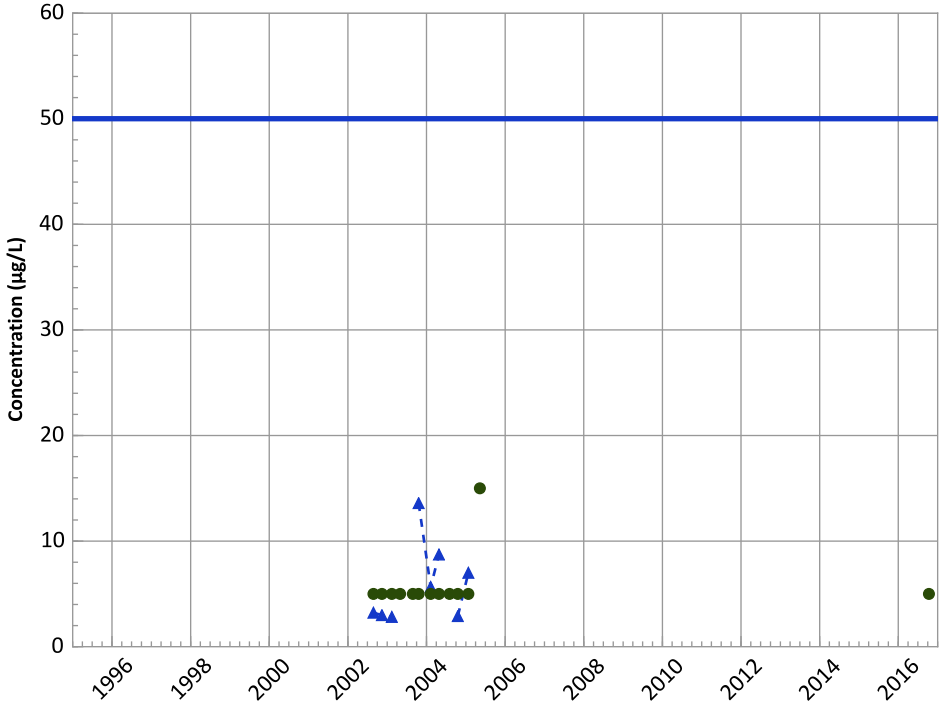


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Selenium Trend



Concentration Trend

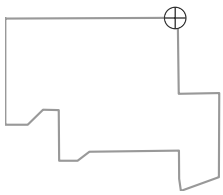
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

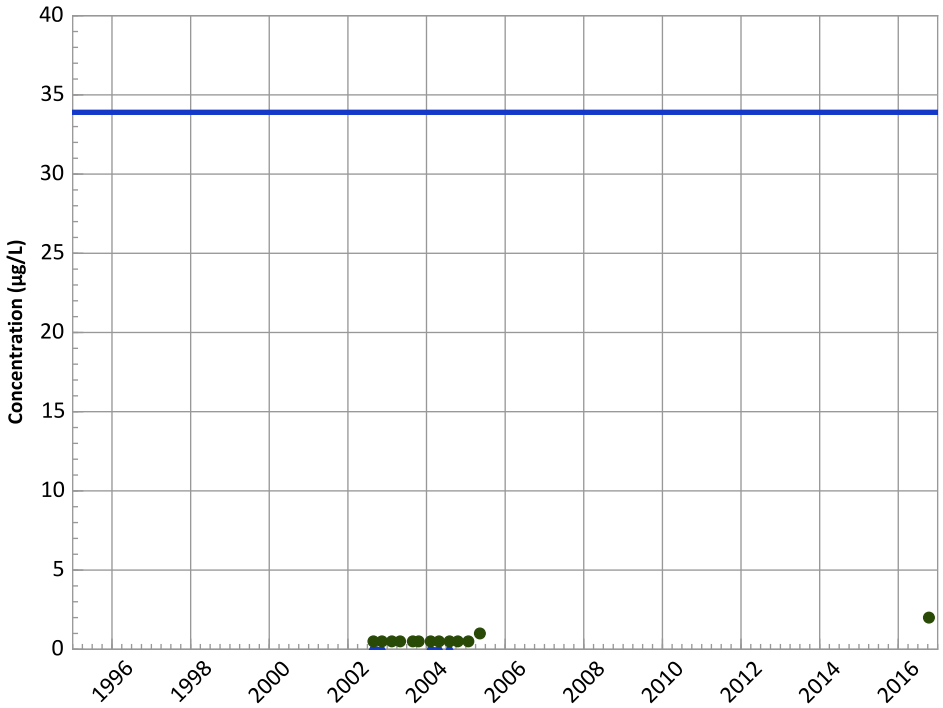
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Thallium Trend

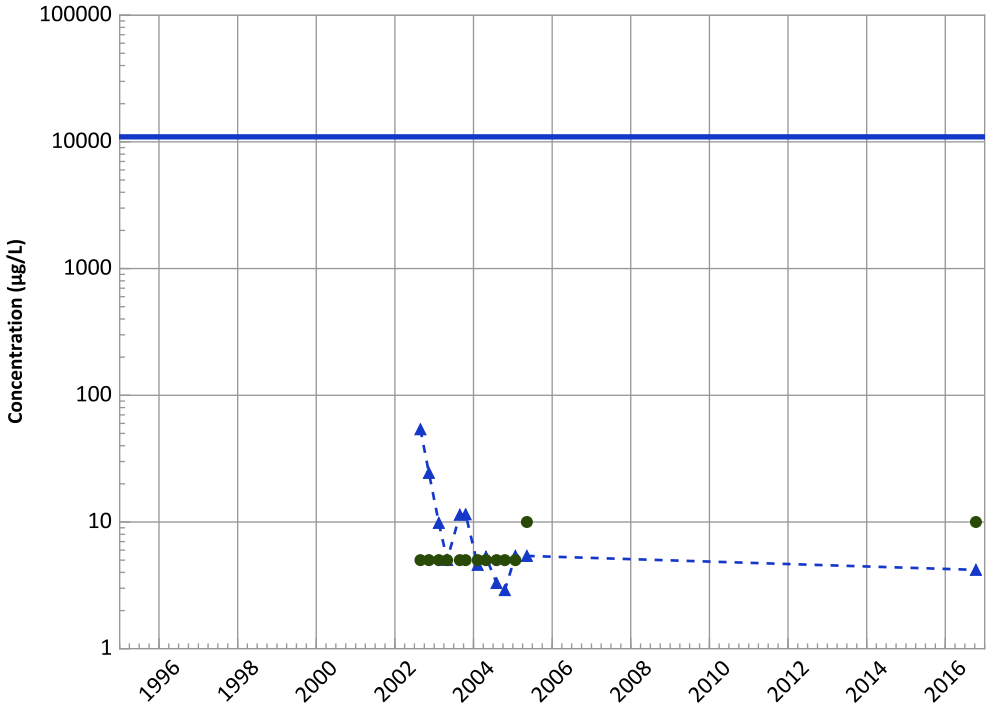


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Zinc Trend



Concentration Trend

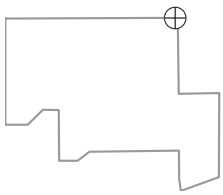
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

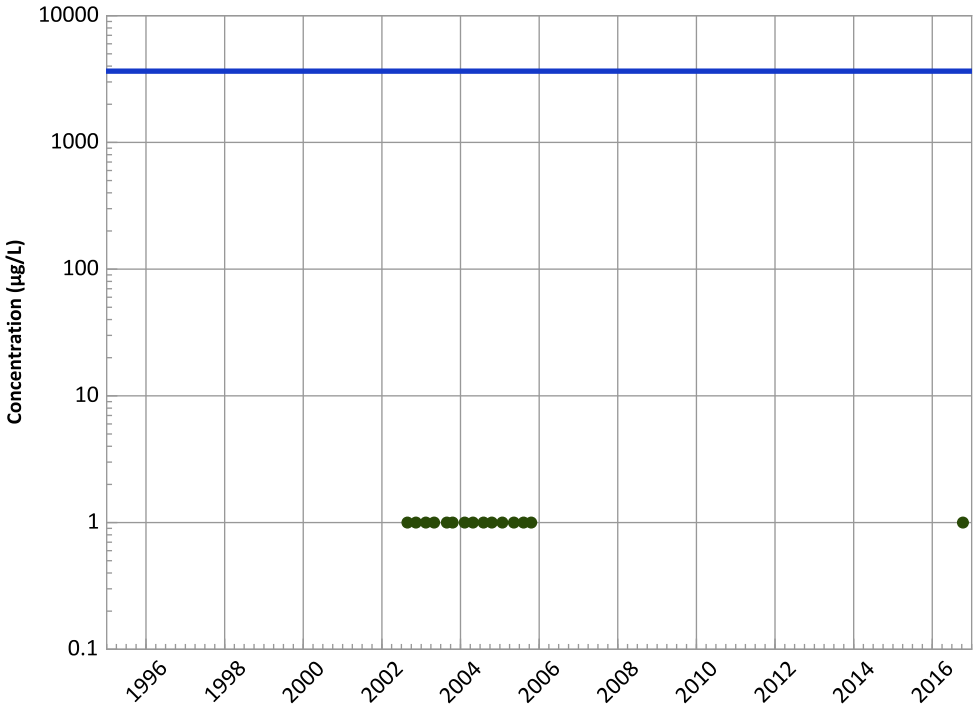
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1-Dichloroethane Trend

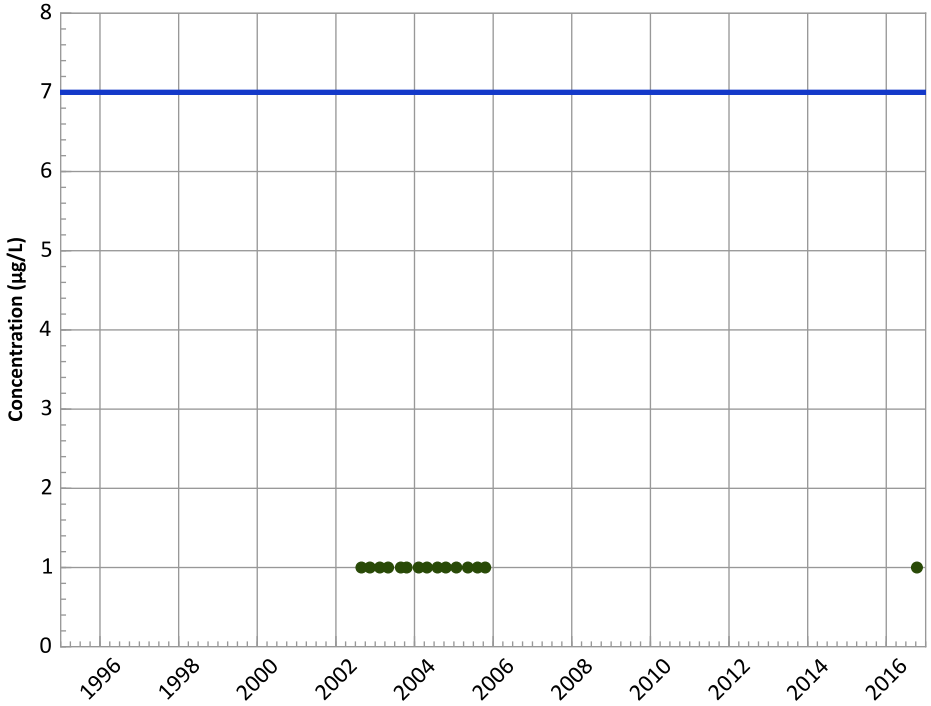


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1-Dichloroethene Trend



Concentration Trend

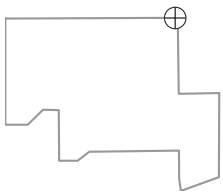
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

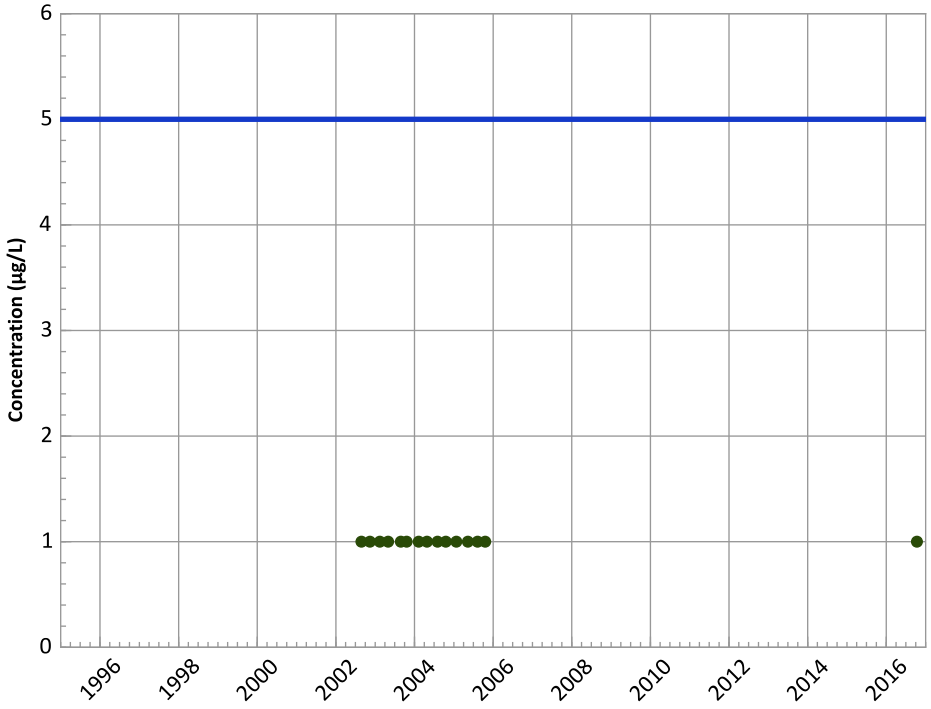
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1,2,2-Tetrachloroethane Trend

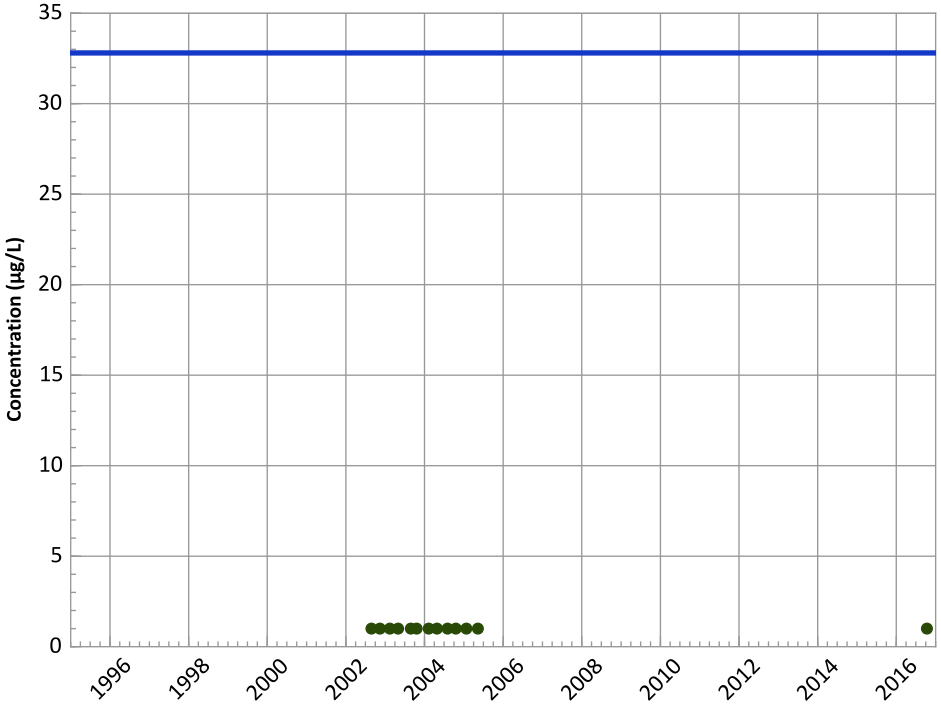


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1,1,2-Tetrachloroethane Trend



Concentration Trend

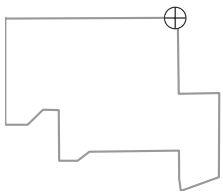
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

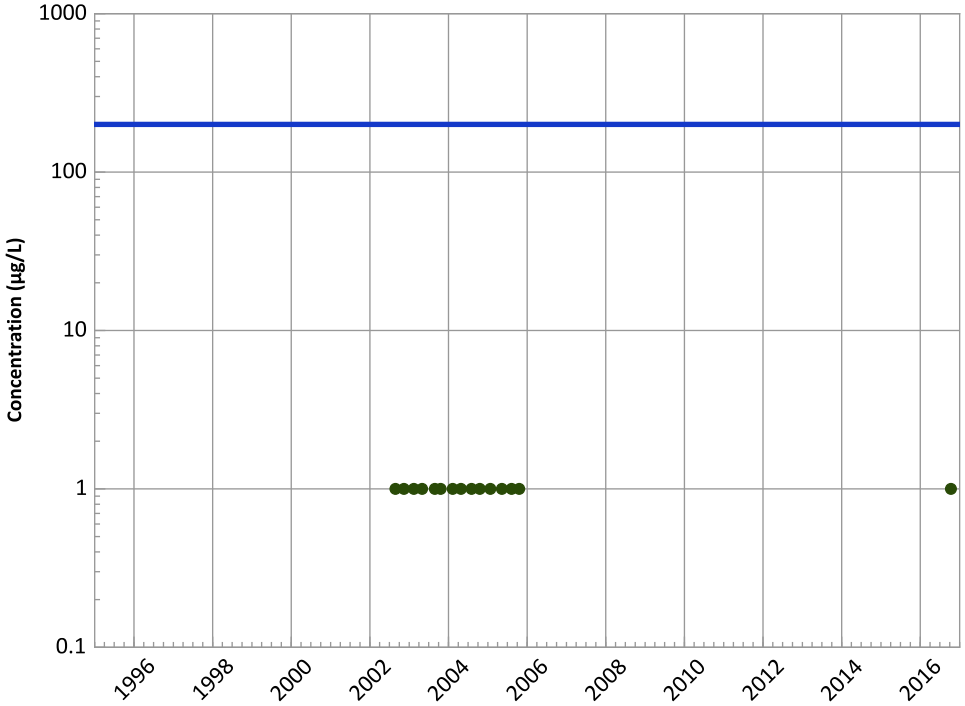
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1,1-Trichloroethane Trend

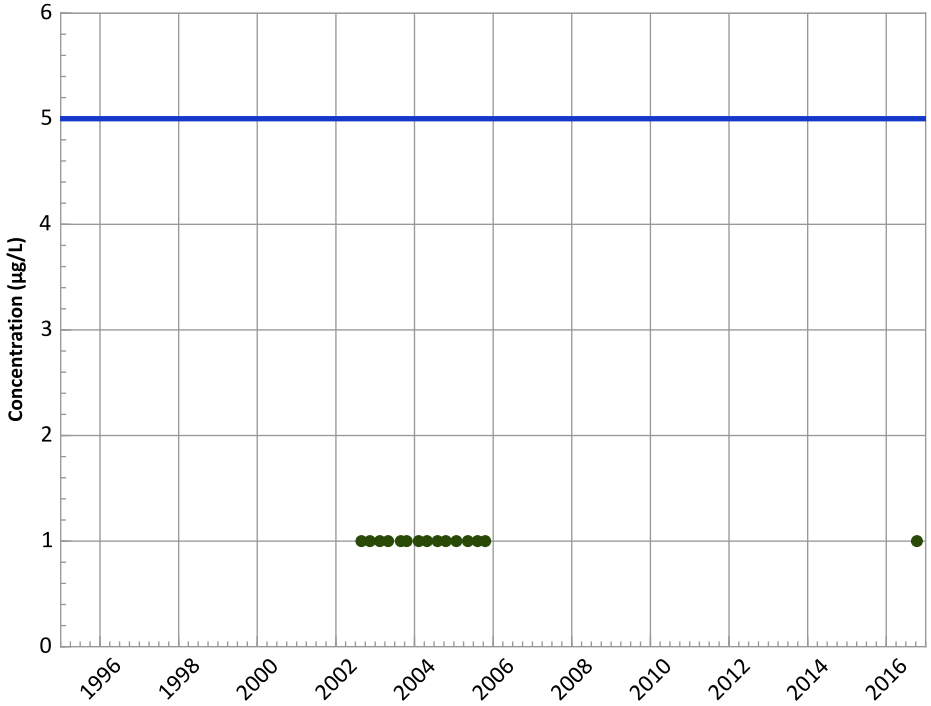


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1,2-Trichloroethane Trend



Concentration Trend

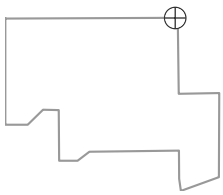
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

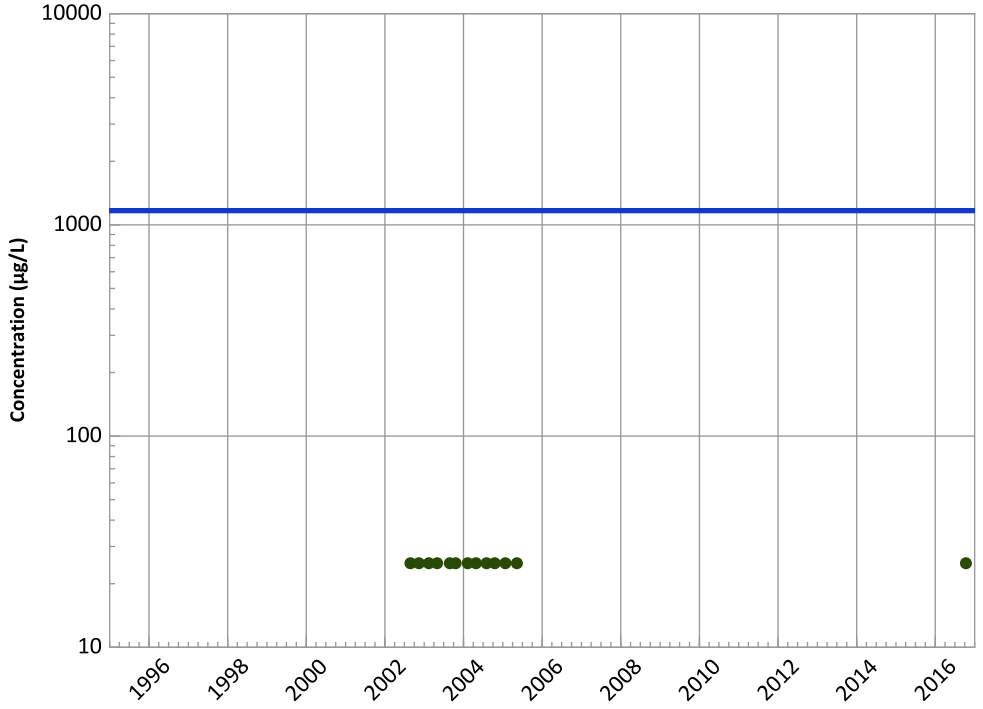
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Acetonitrile Trend

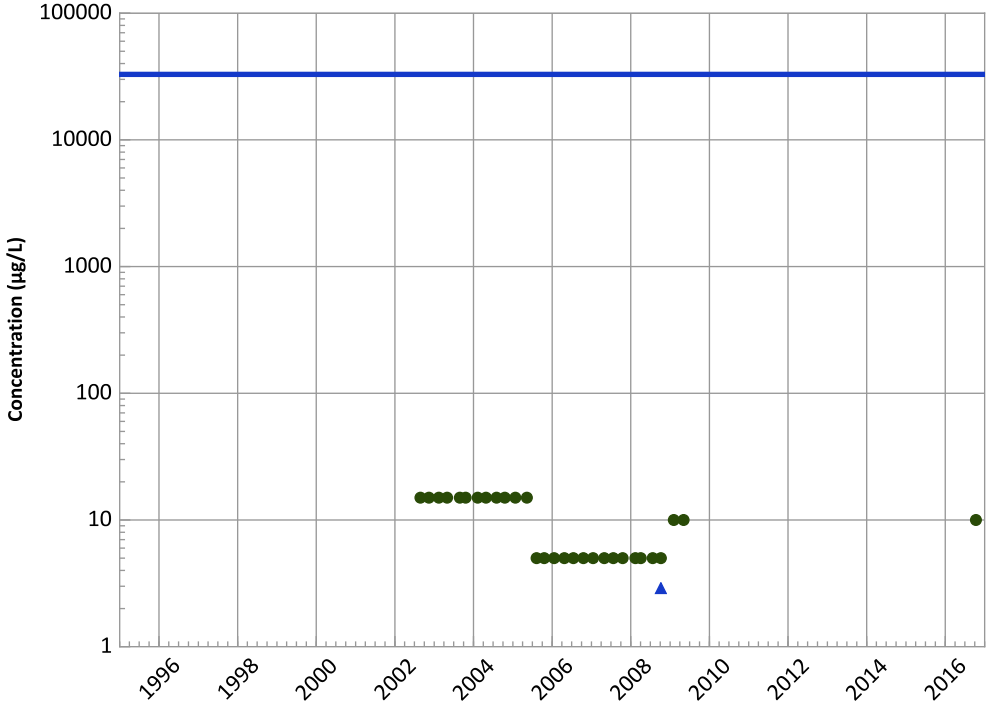


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Acetone Trend



Concentration Trend

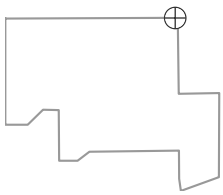
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

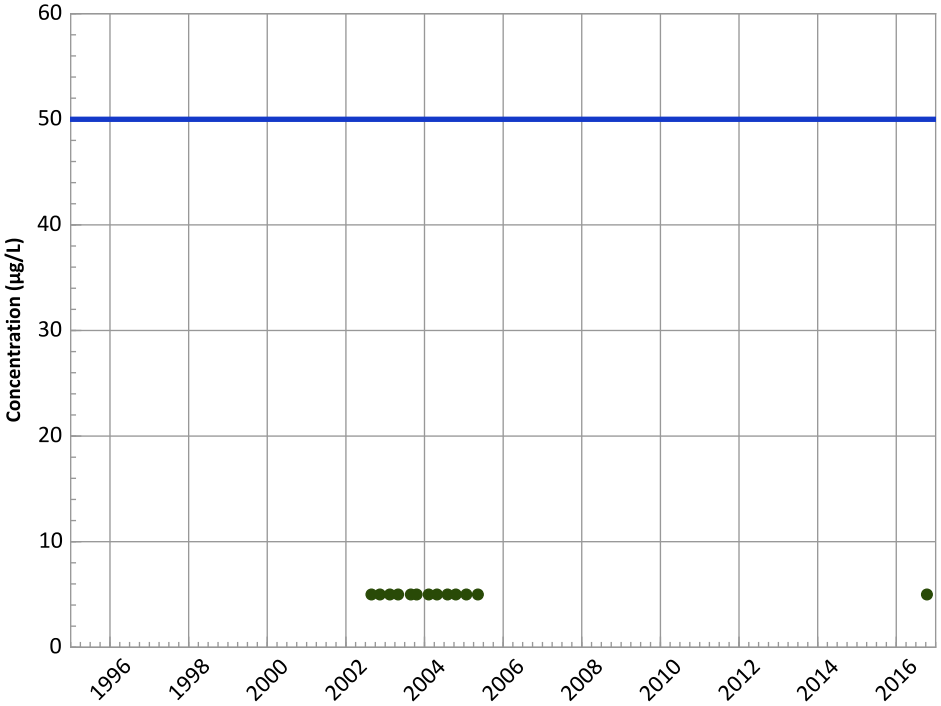
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Acrolein Trend

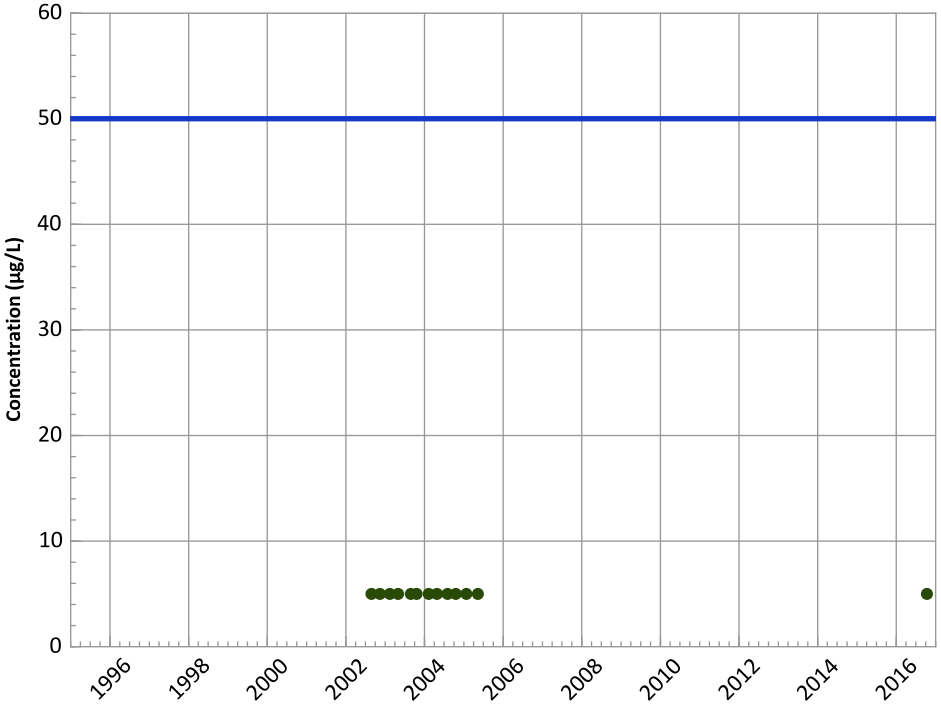


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Acrylonitrile Trend



Concentration Trend

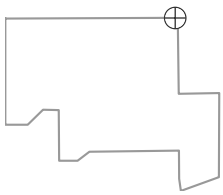
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

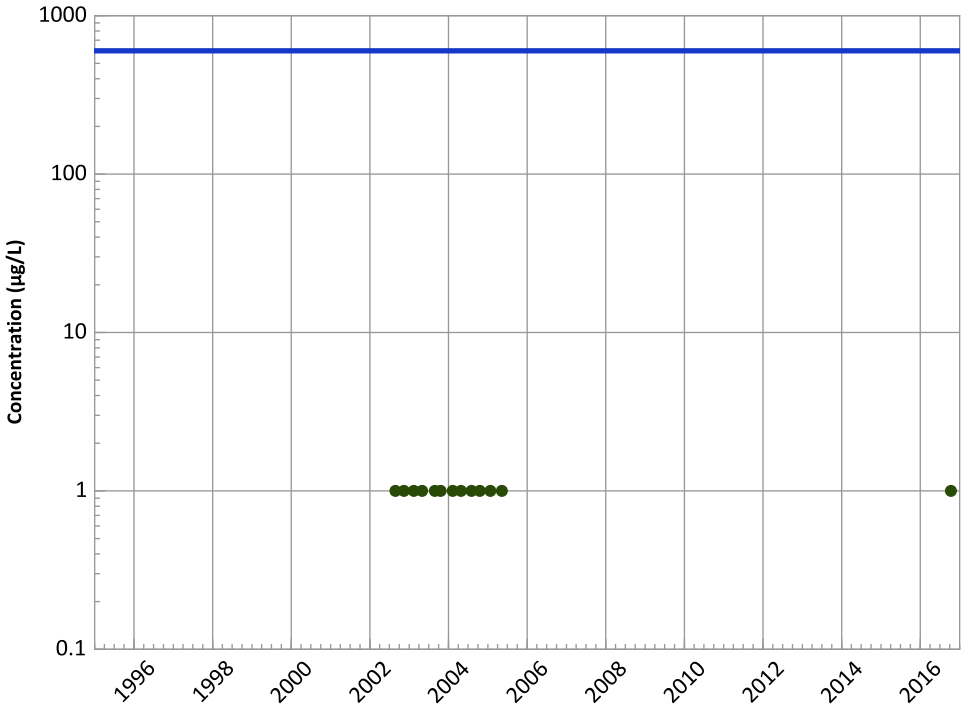
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichlorobenzene Trend

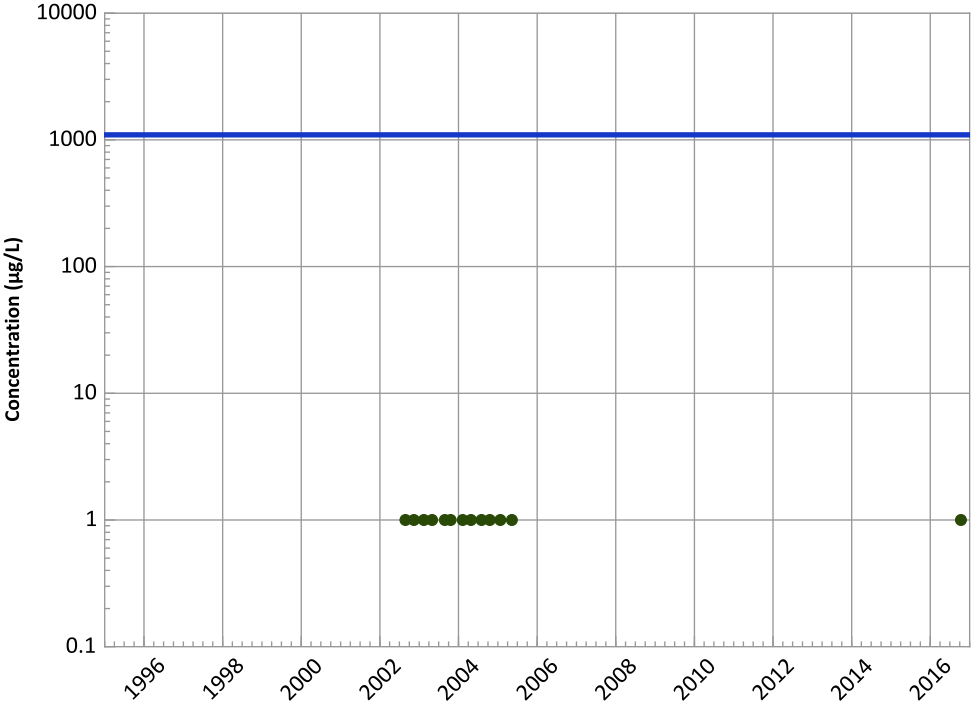


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,3-Dichlorobenzene Trend



Concentration Trend

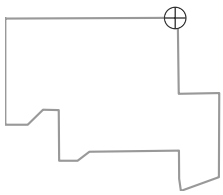
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

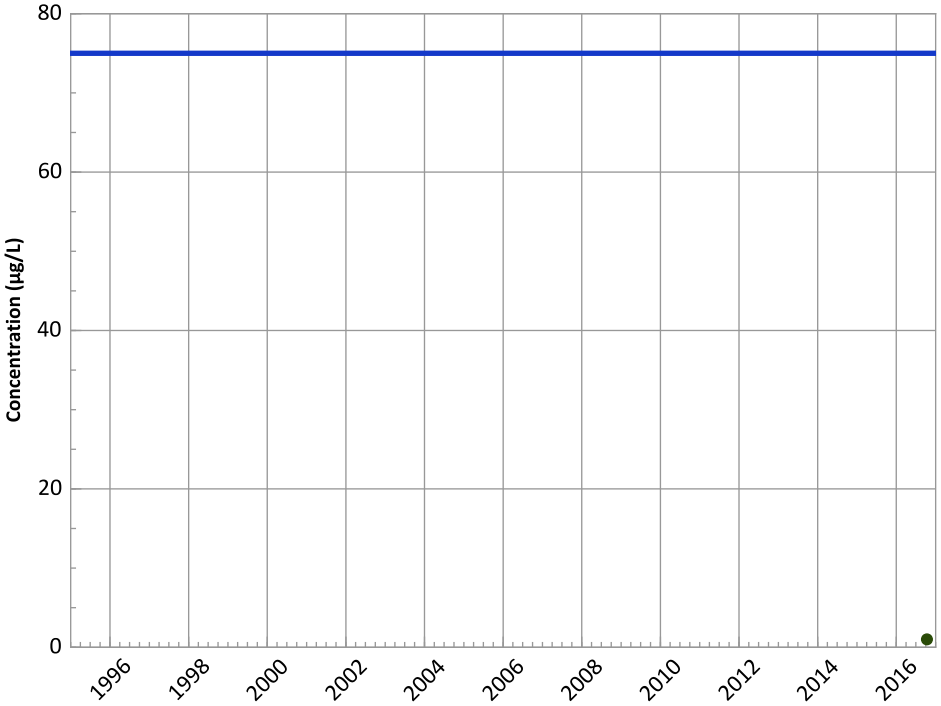
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,4-Dichlorobenzene Trend

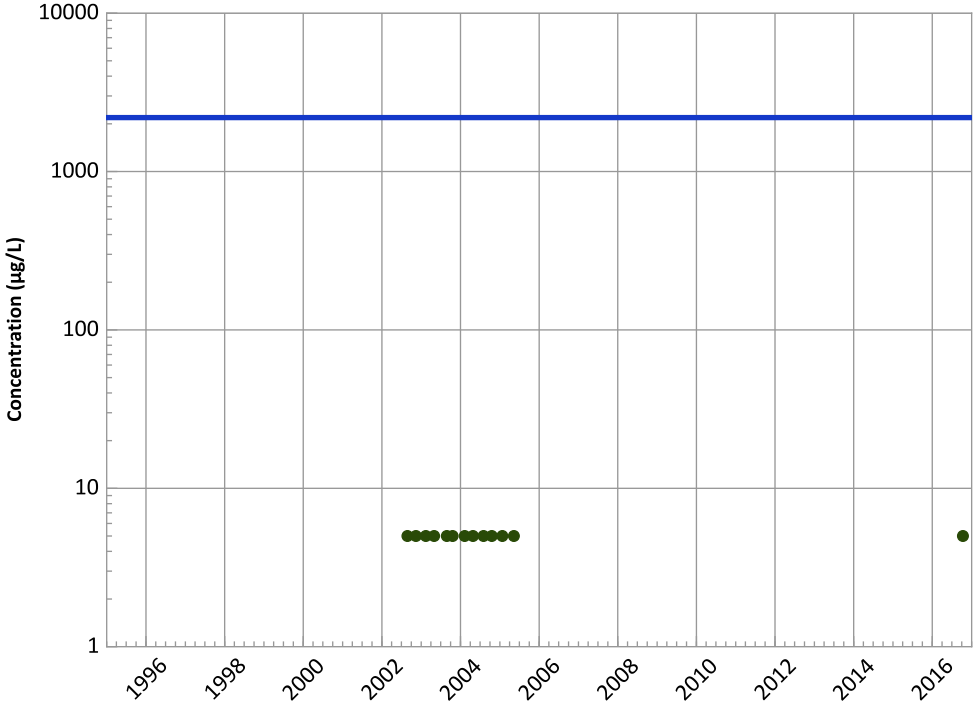


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2-Hexanone Trend



Concentration Trend

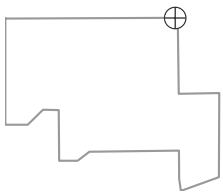
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

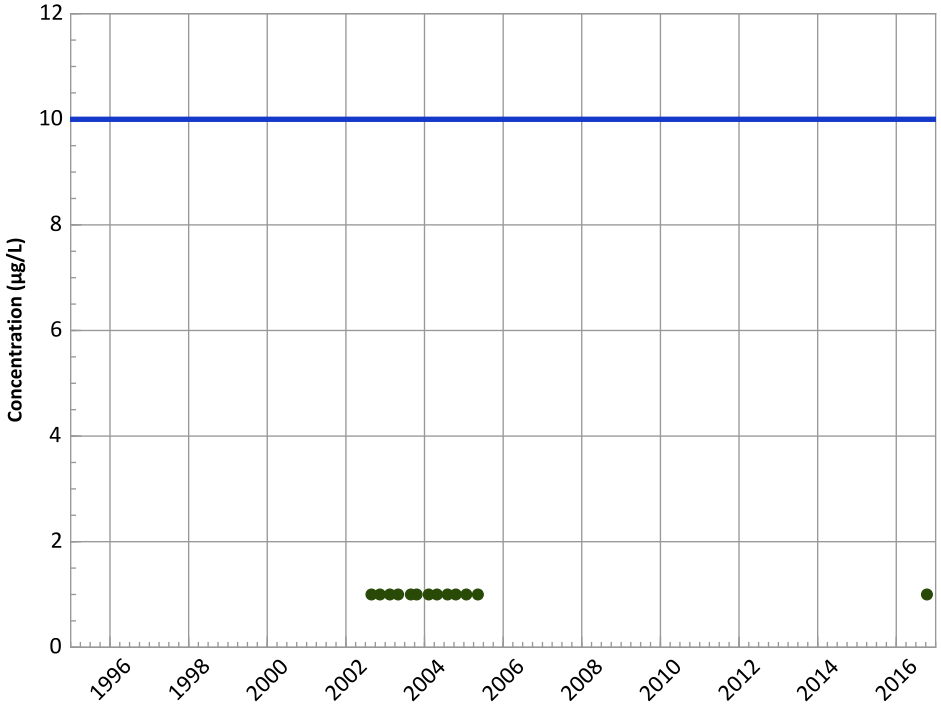
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2,3-Trichloropropane Trend

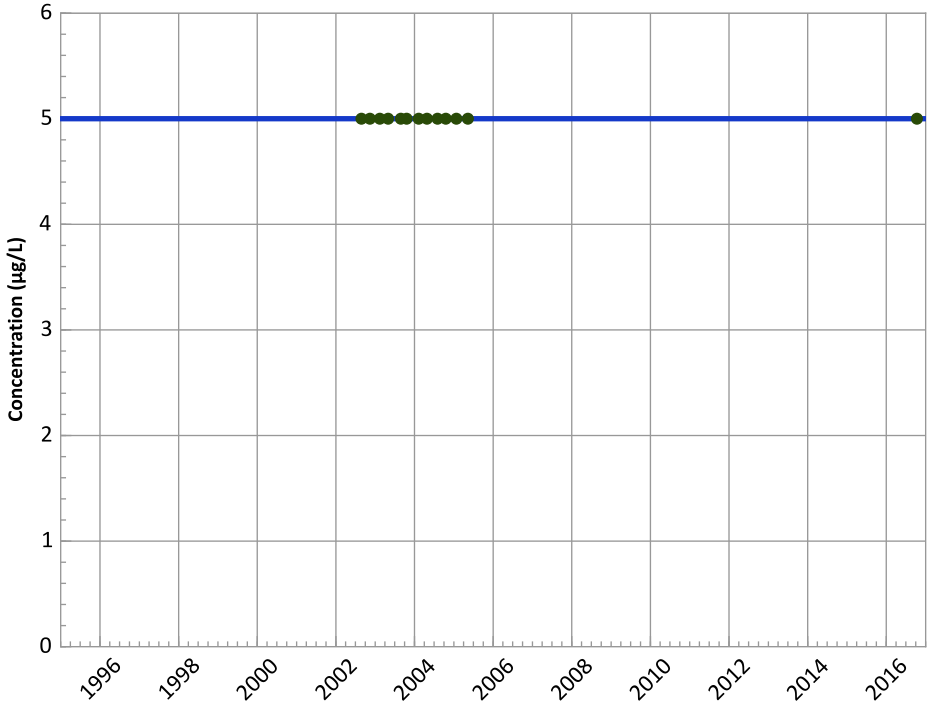


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Allyl Chloride Trend



Concentration Trend

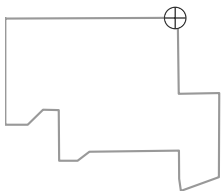
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

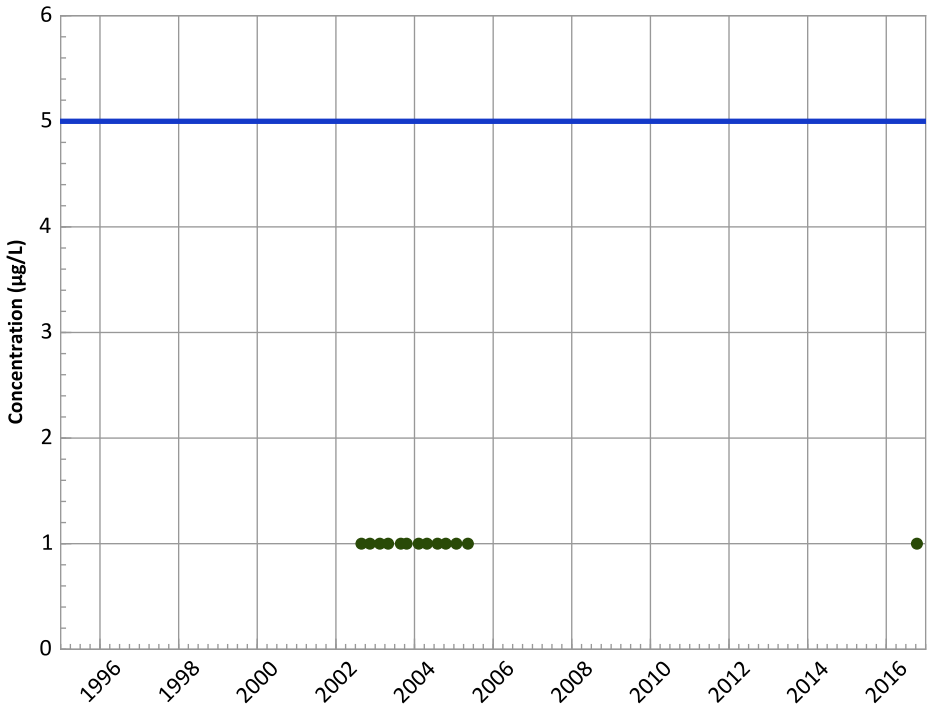
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Benzene Trend

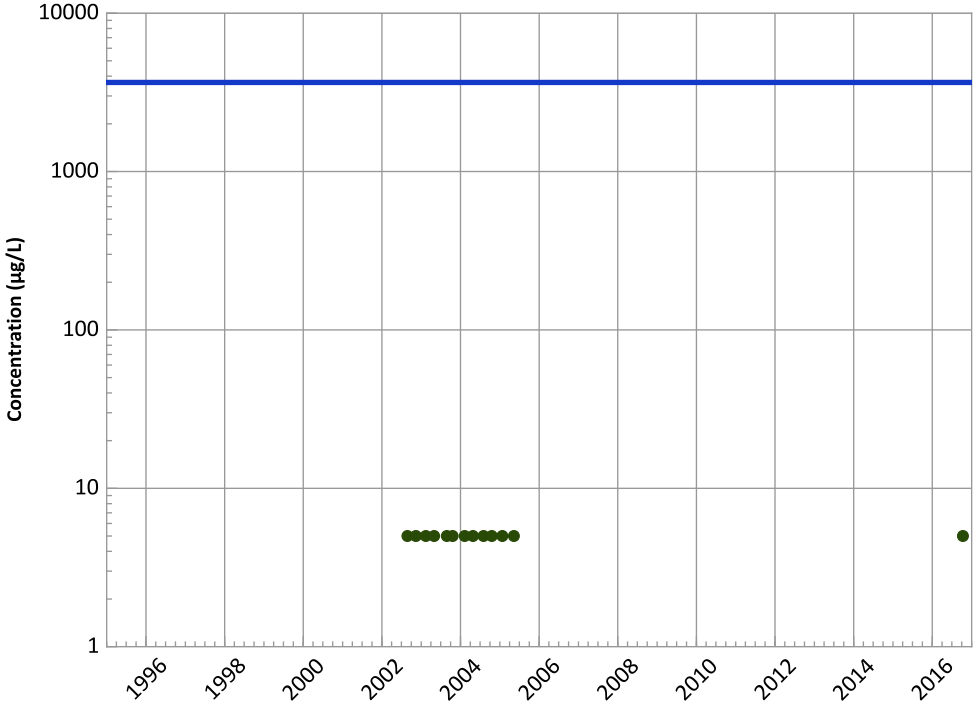


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Carbon Disulfide Trend



Concentration Trend

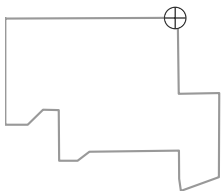
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

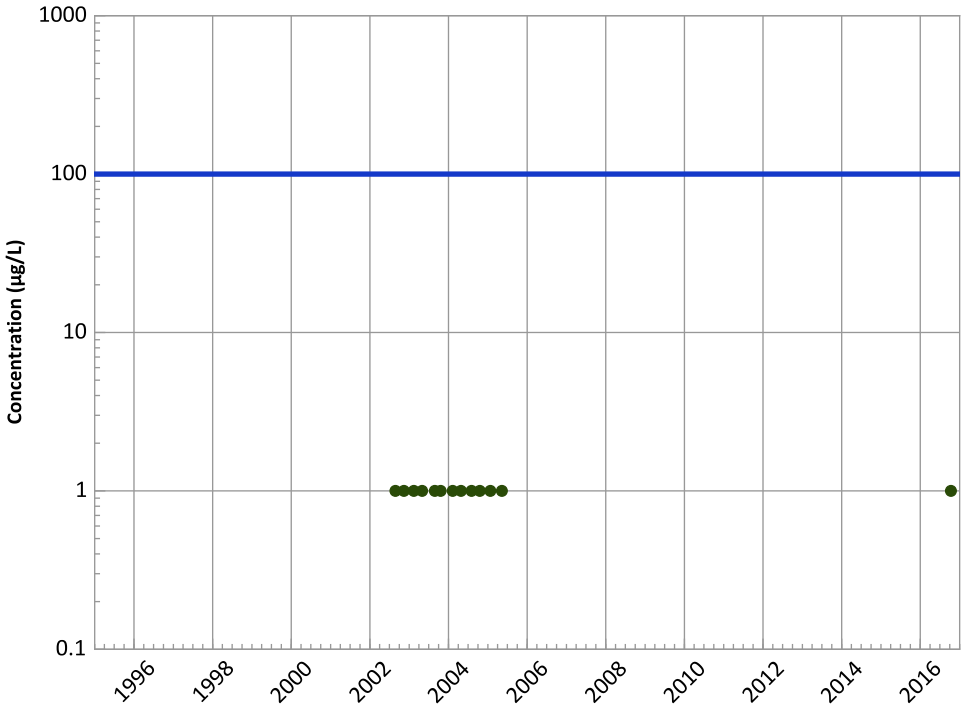
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chlorobenzene Trend

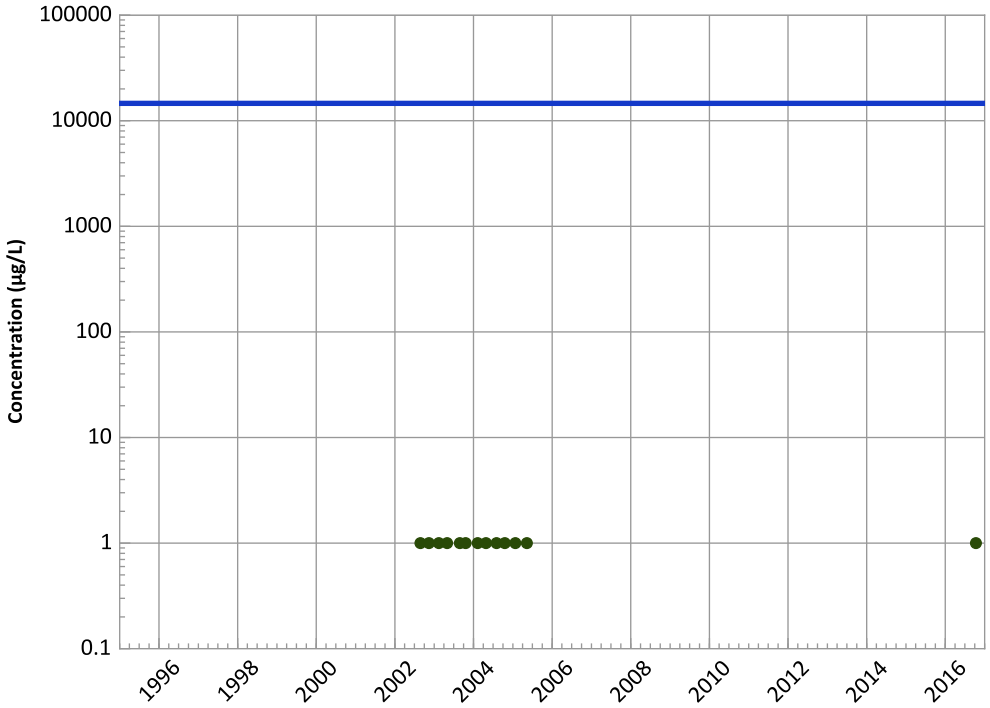


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Chloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
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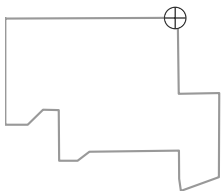
Analysis Date: 03/07/2017

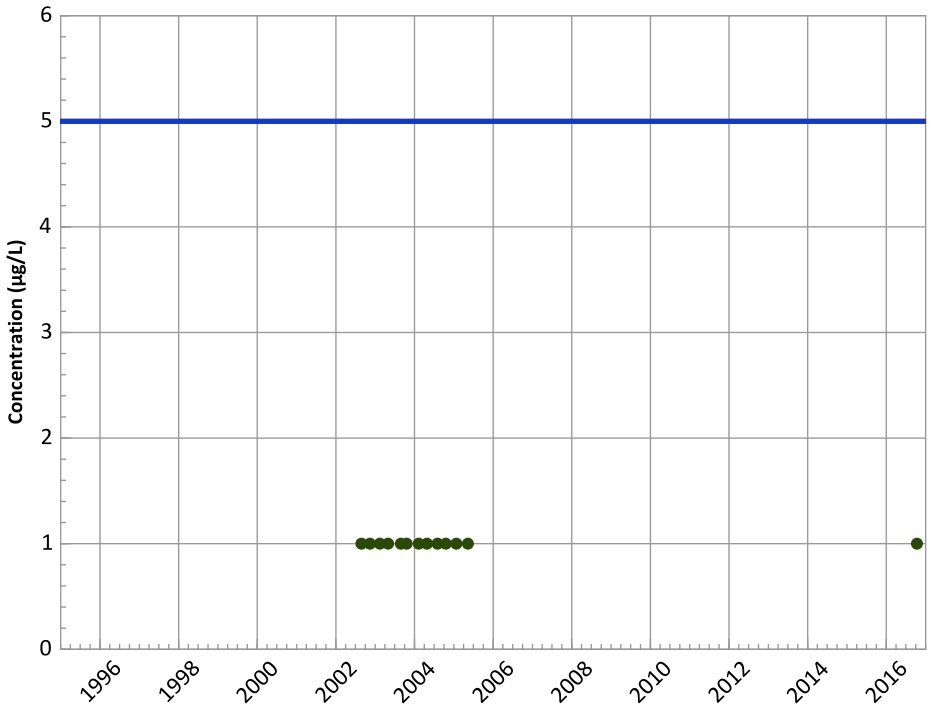
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Carbon Tetrachloride Trend

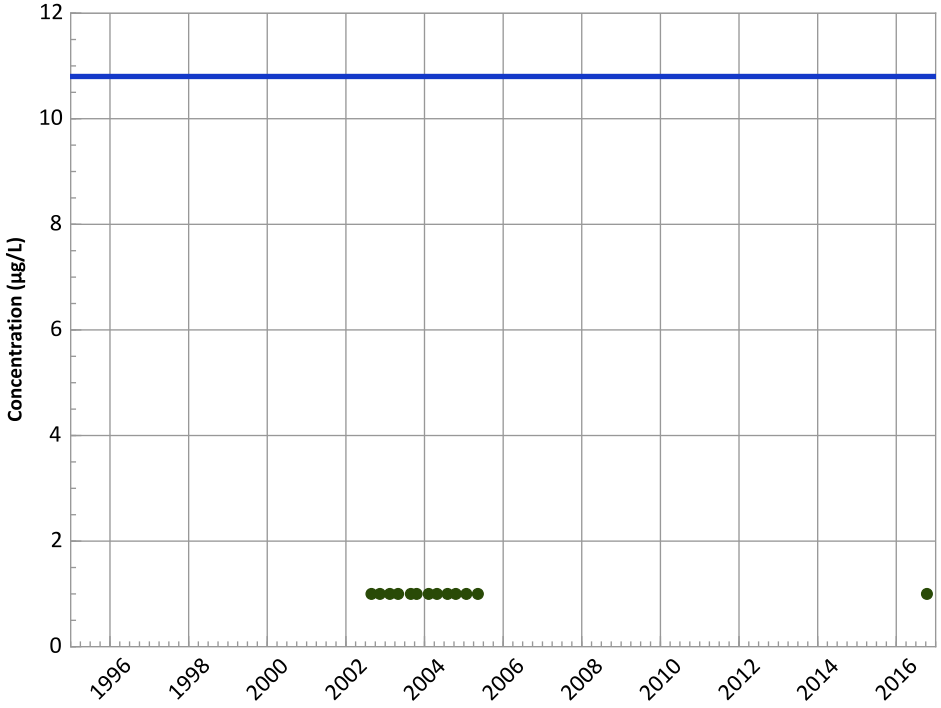


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Bromoform Trend

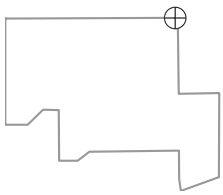


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Well Location

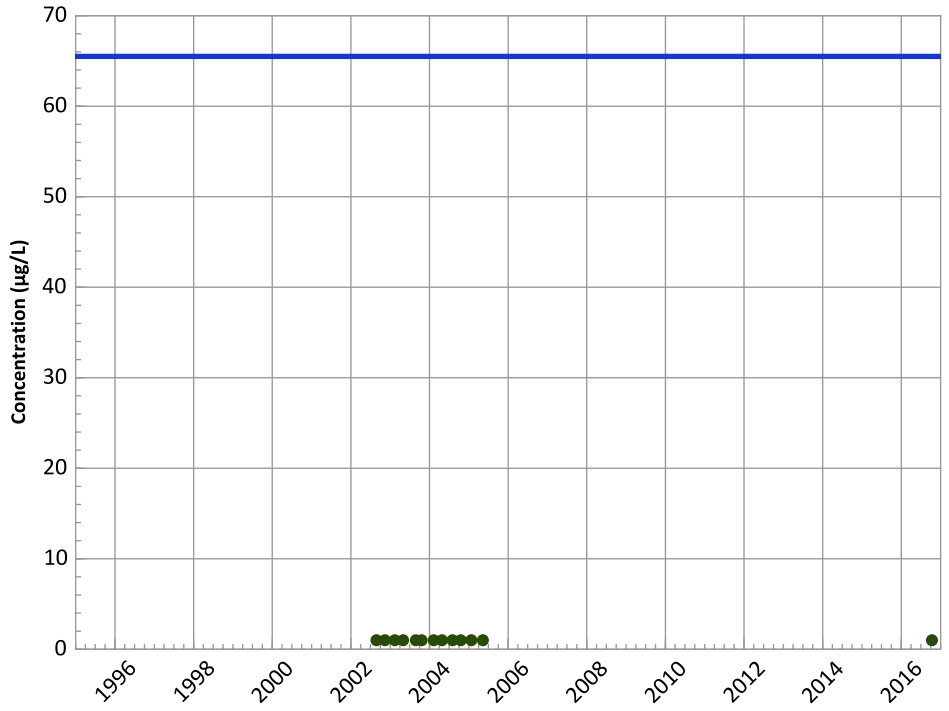


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloromethane Trend

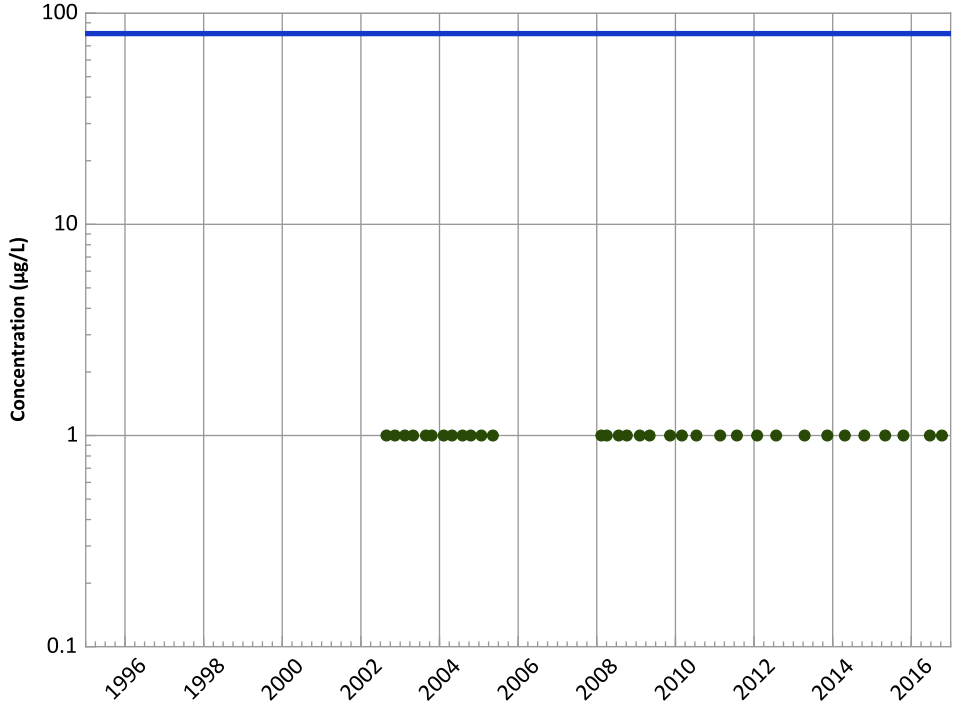


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Chloroform Trend



Concentration Trend

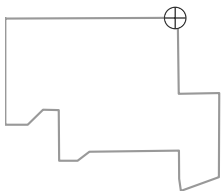
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

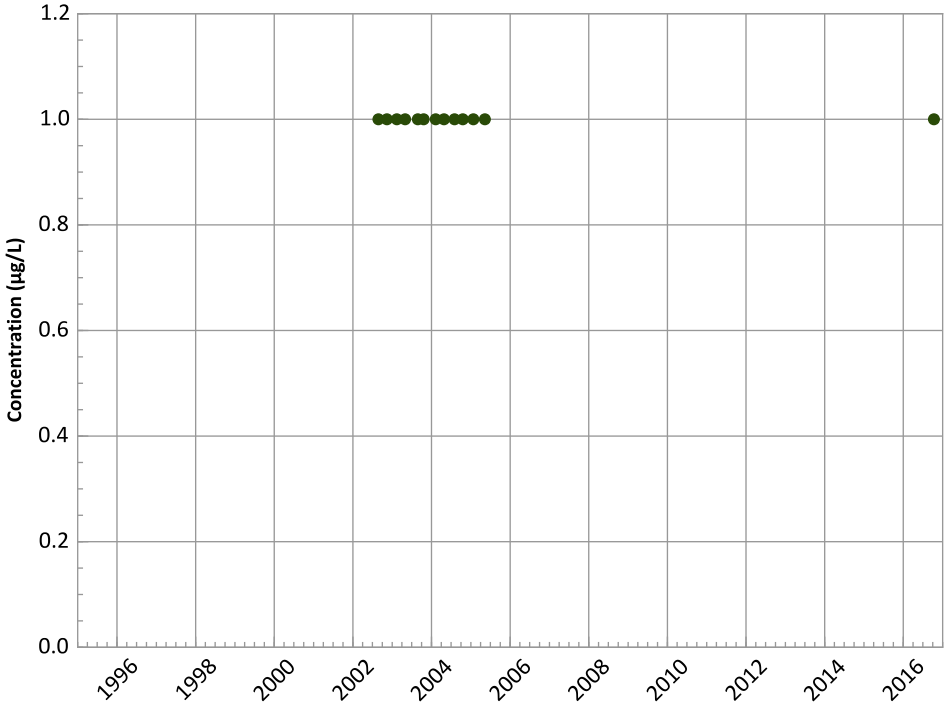
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2-Chloro-1,3-Butadiene Trend

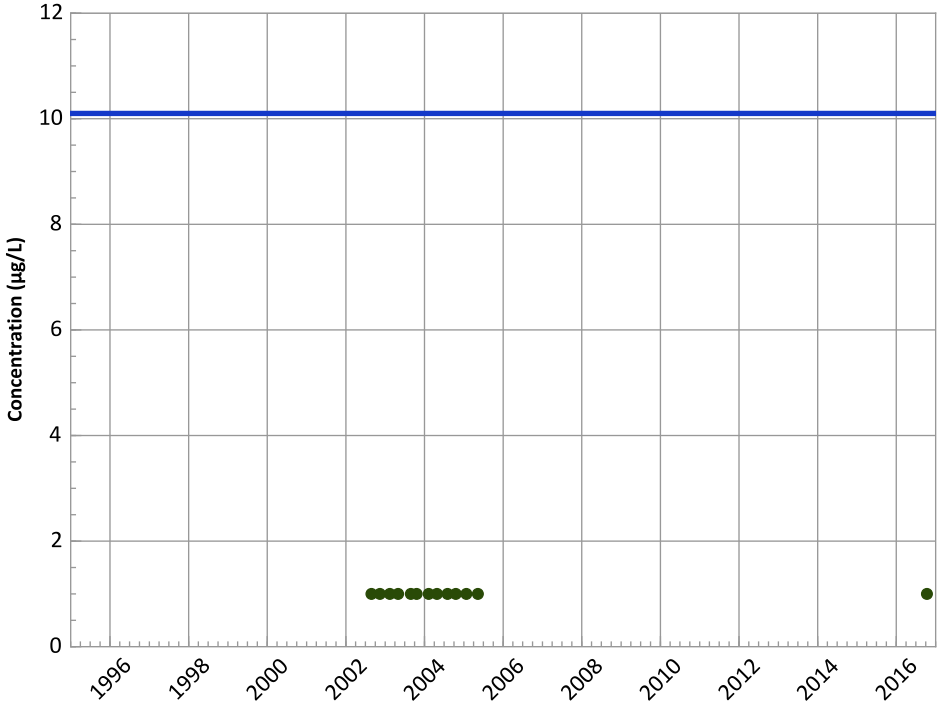


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Dibromochloromethane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
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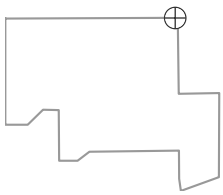
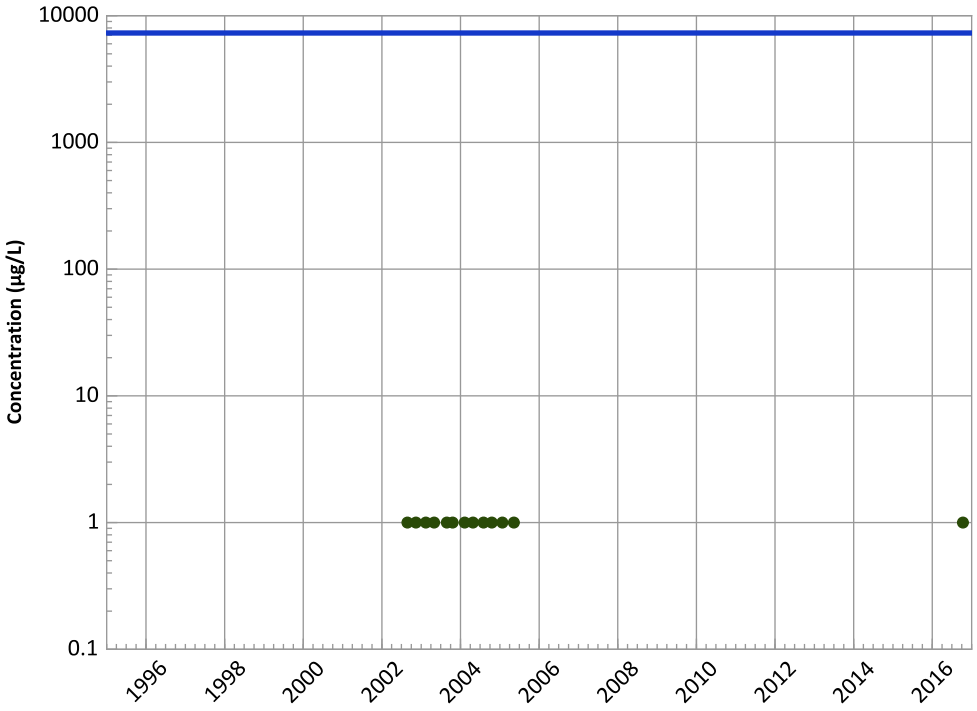
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Dichlorodifluoromethane Trend

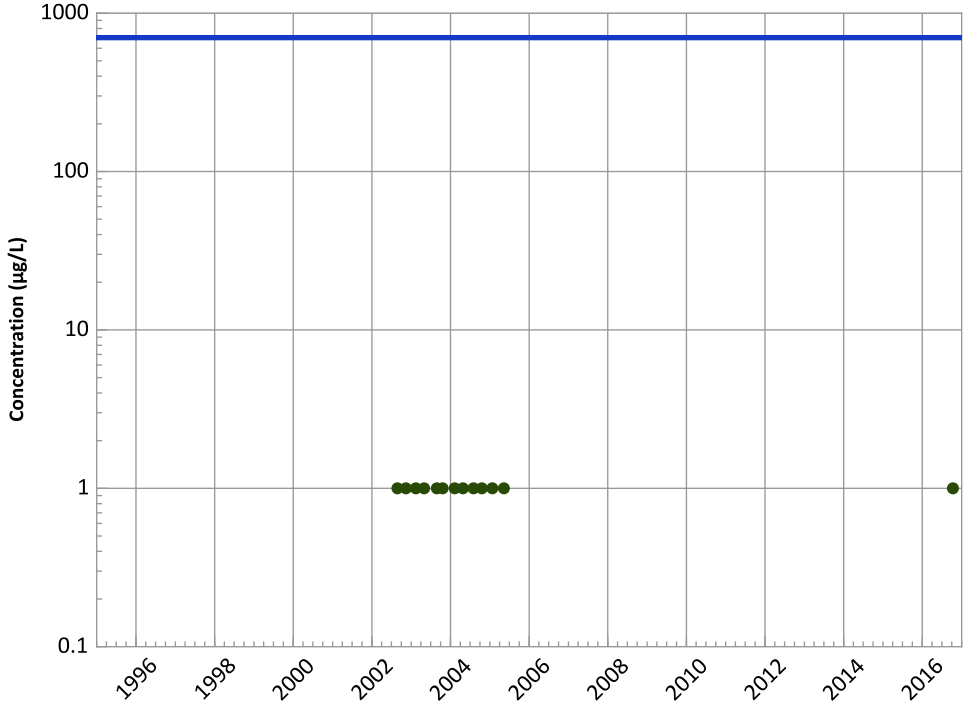


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Ethylbenzene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

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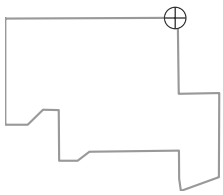
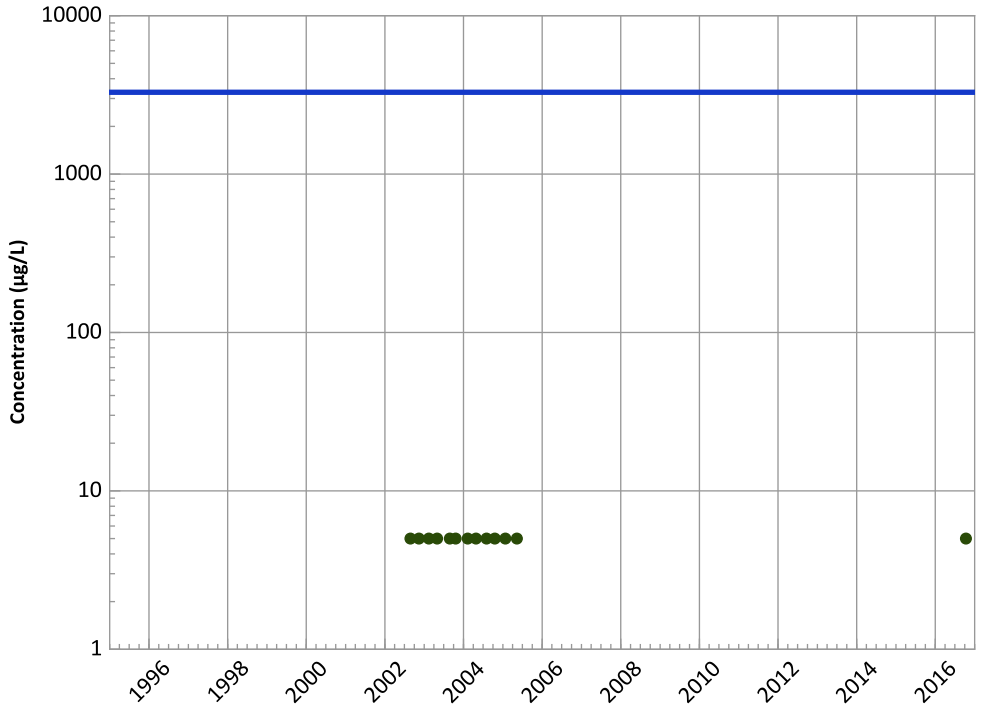
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Ethyl Methacrylate Trend

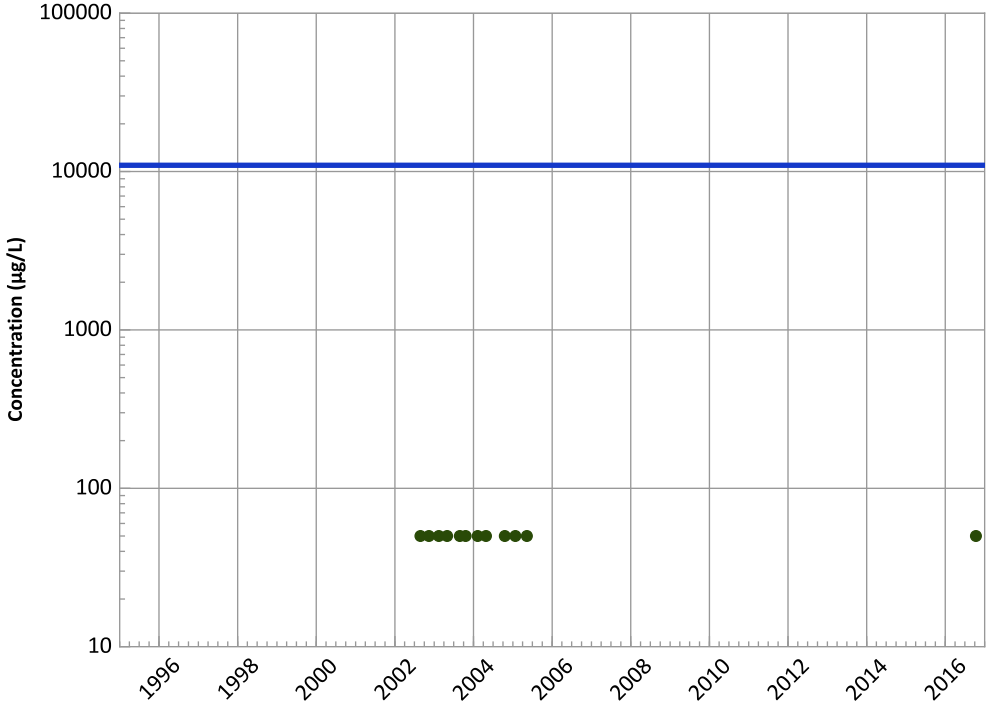


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Isobutanol Trend



Concentration Trend

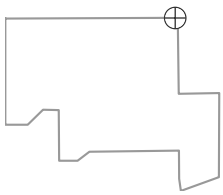
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

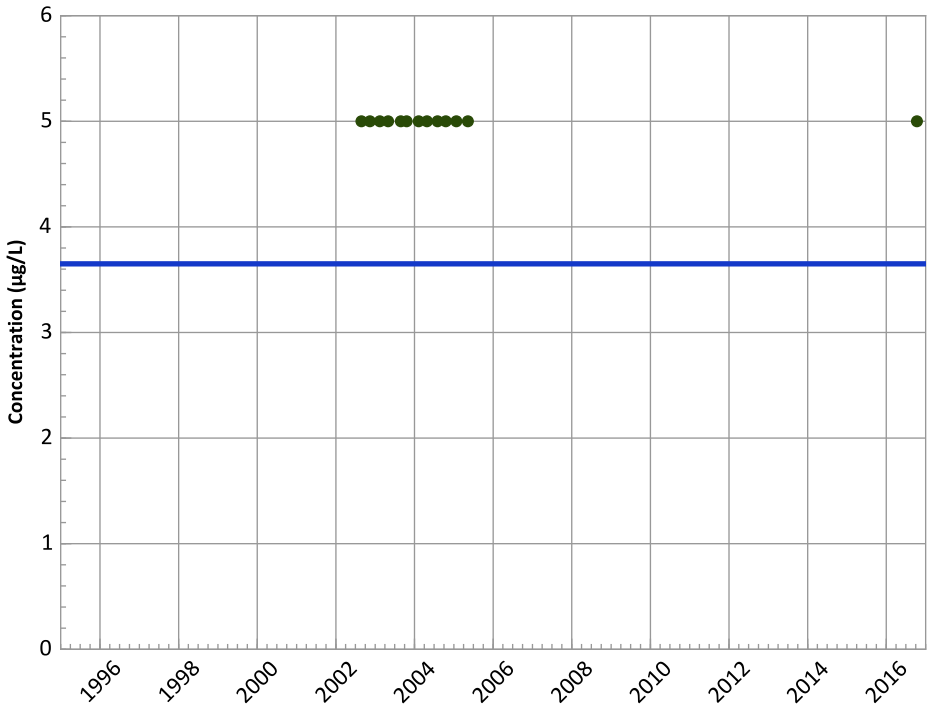
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methylacrylonitrile Trend

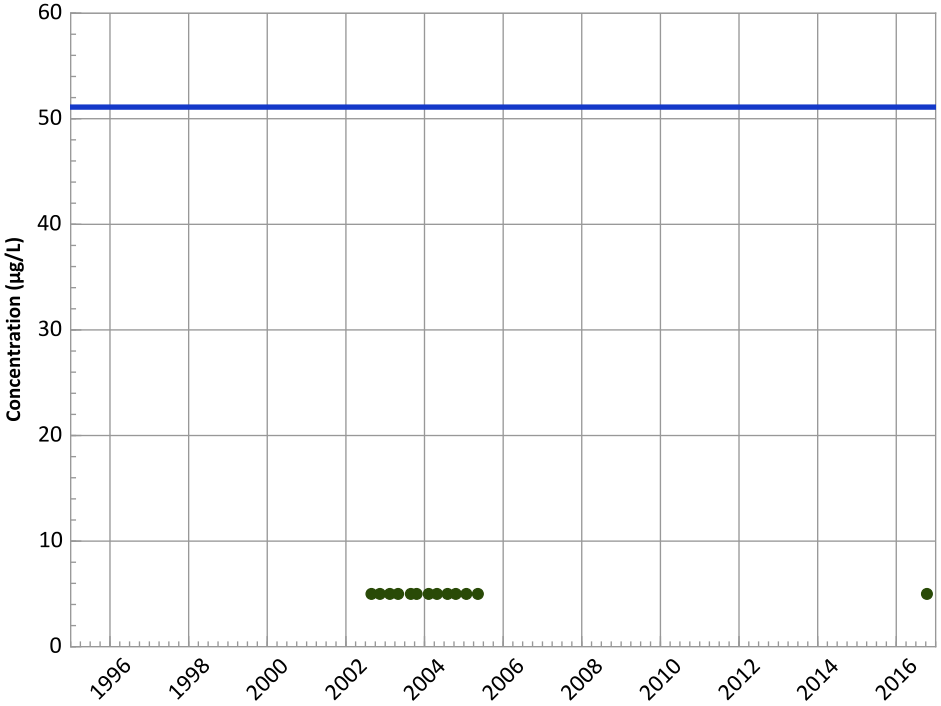


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Iodomethane (Methyl Iodide) Trend



Concentration Trend

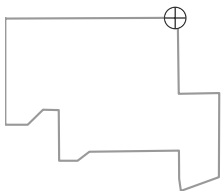
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

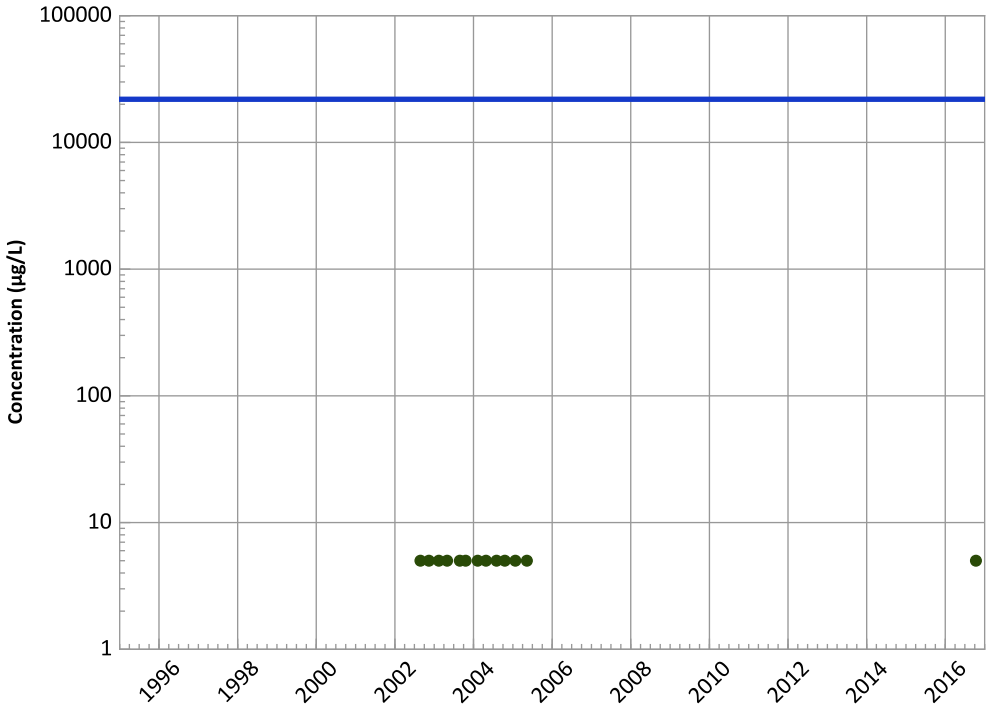
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methyl Ethyl Ketone (2-Butanone) Trend

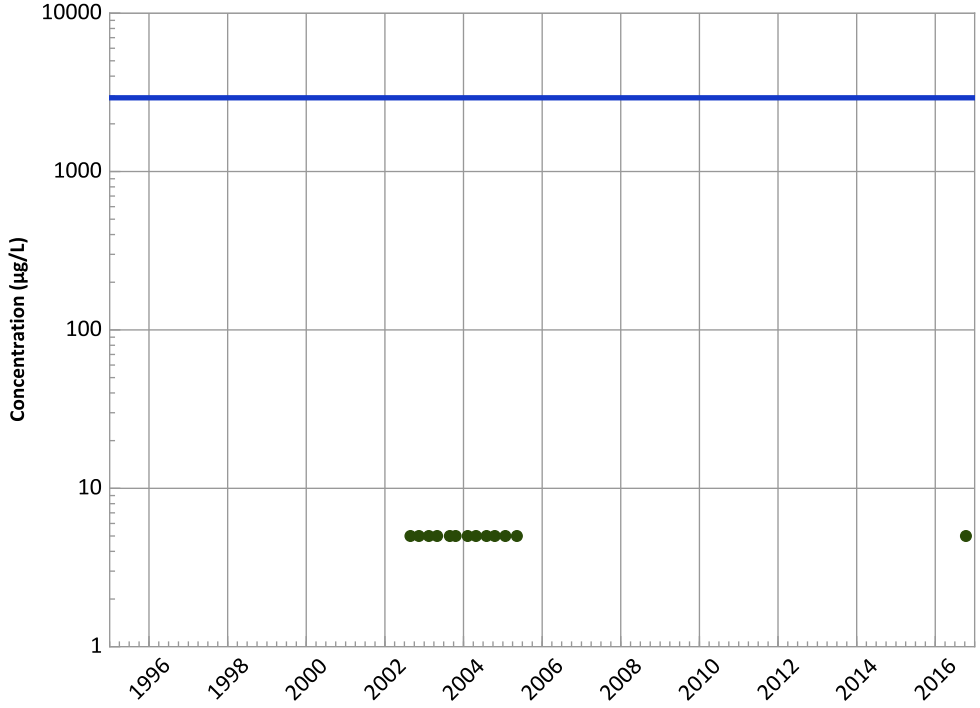


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) Trend



Concentration Trend

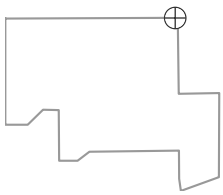
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

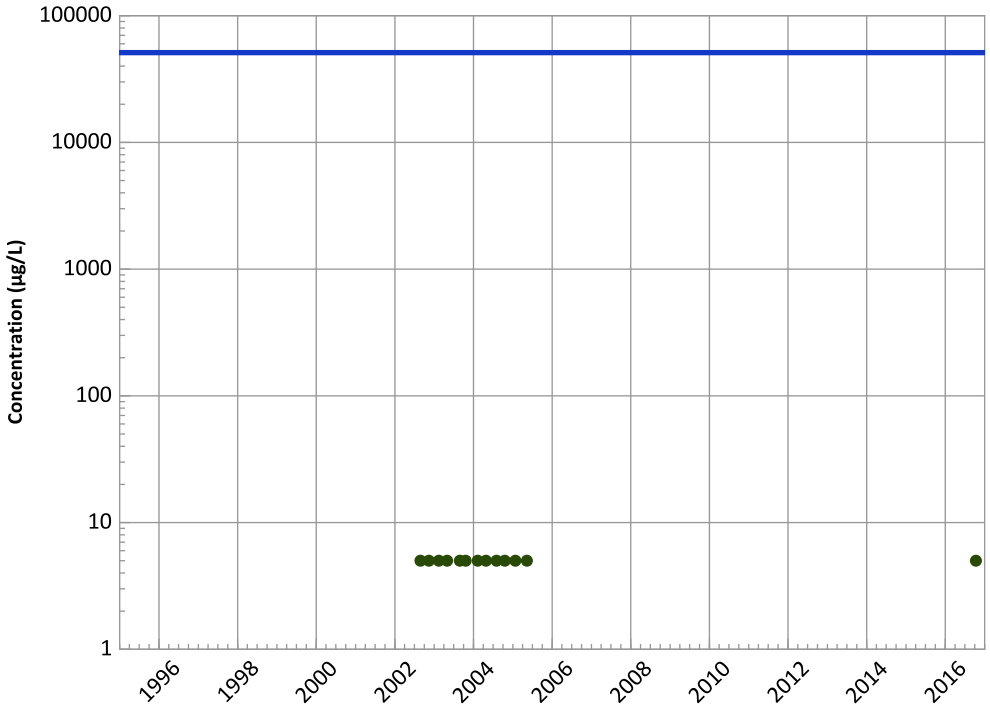
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methyl Methacrylate Trend

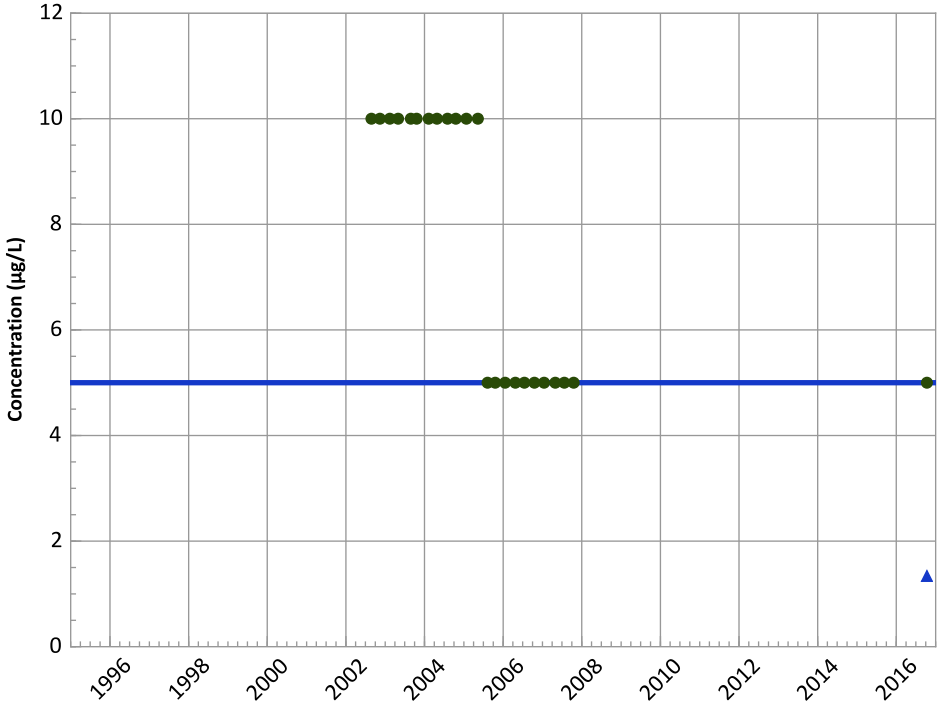


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methylene Chloride Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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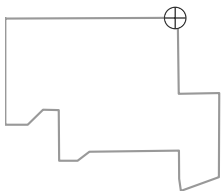
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

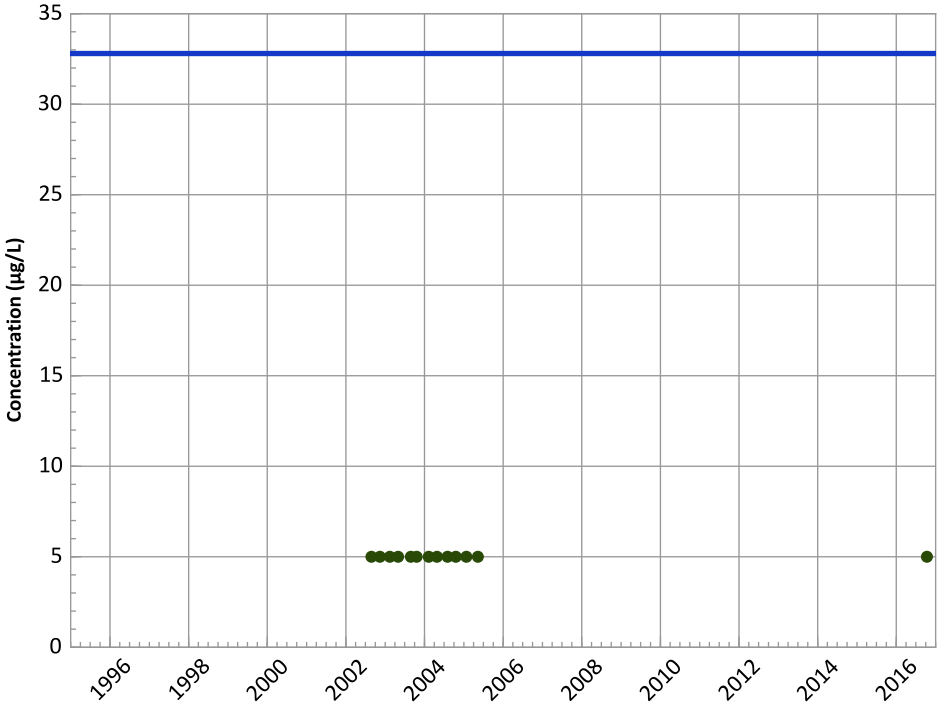
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Pentachloroethane Trend

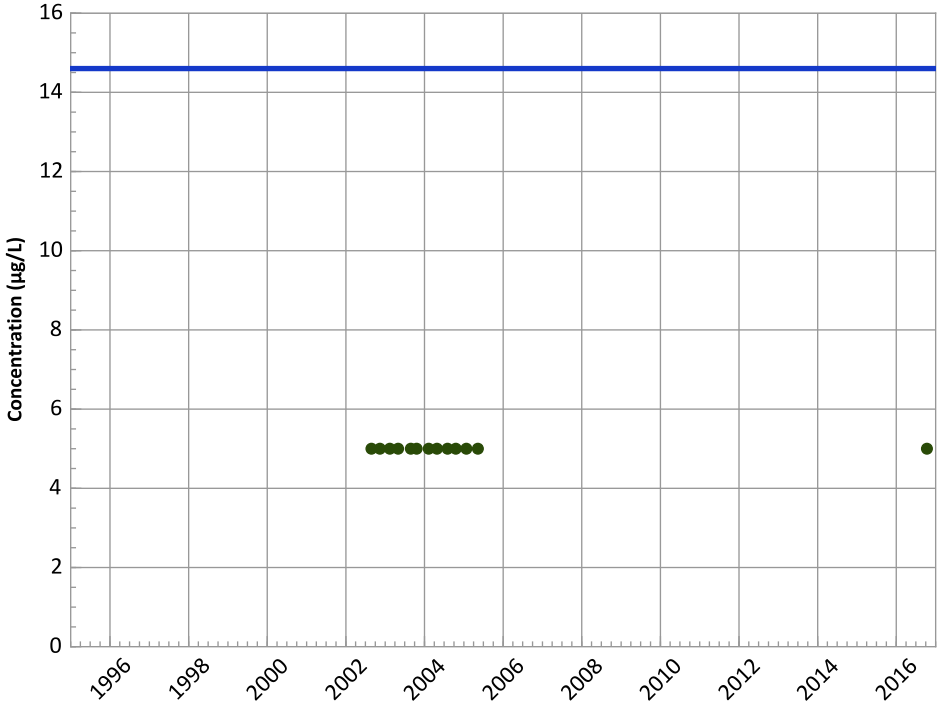


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Propane Nitrile (Propionitrile) Trend



Concentration Trend

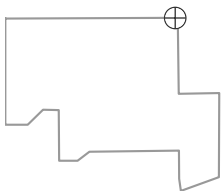
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

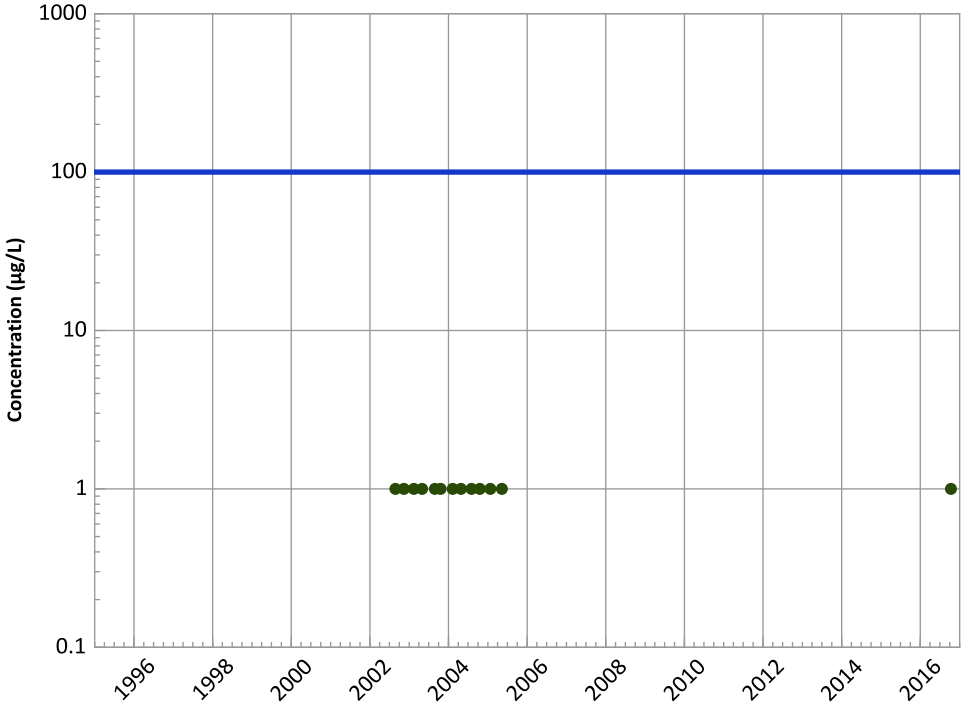
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Styrene Trend

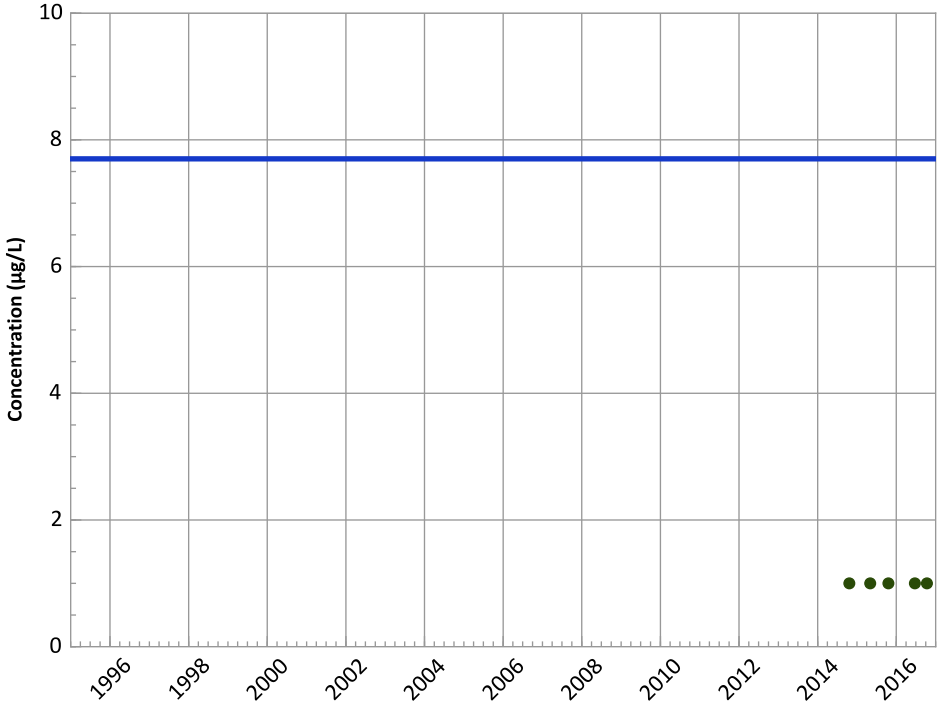


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

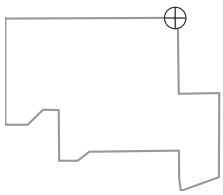
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

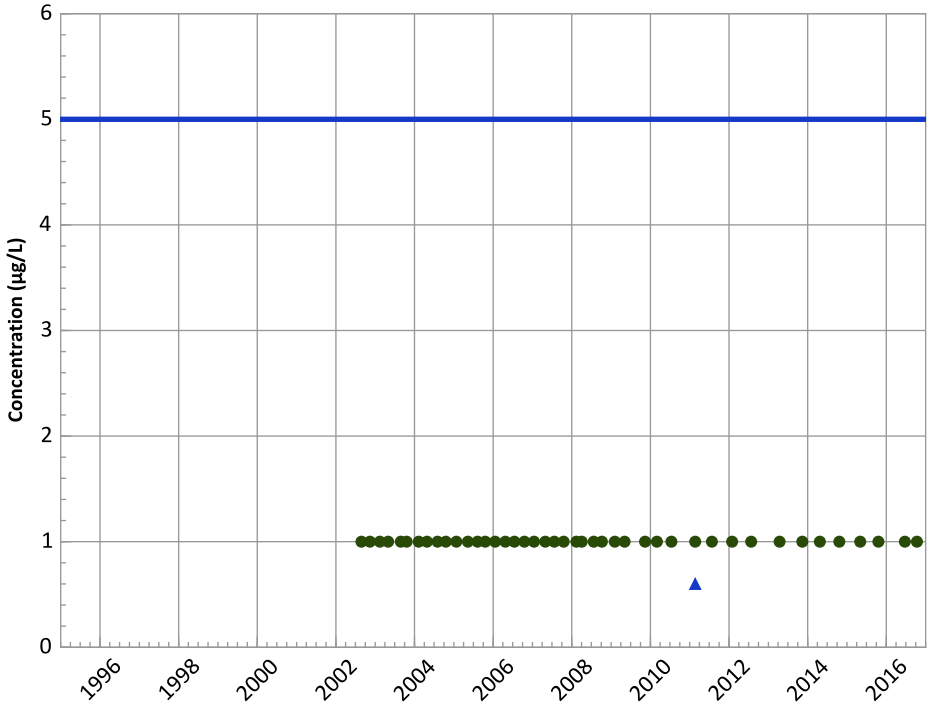
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

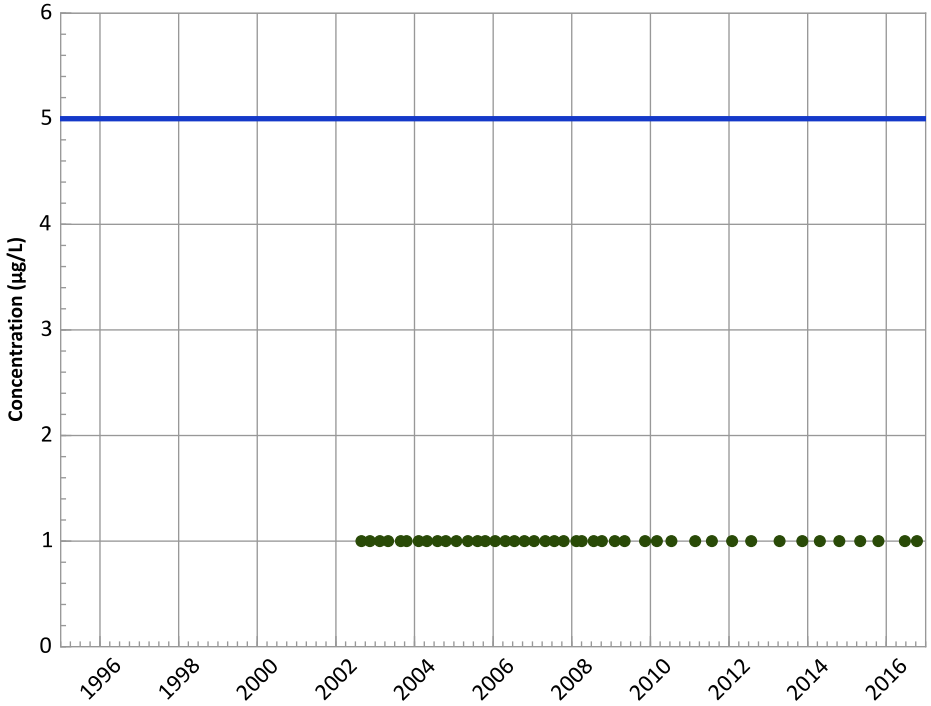


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

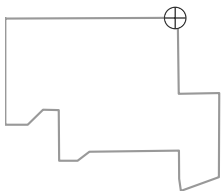
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

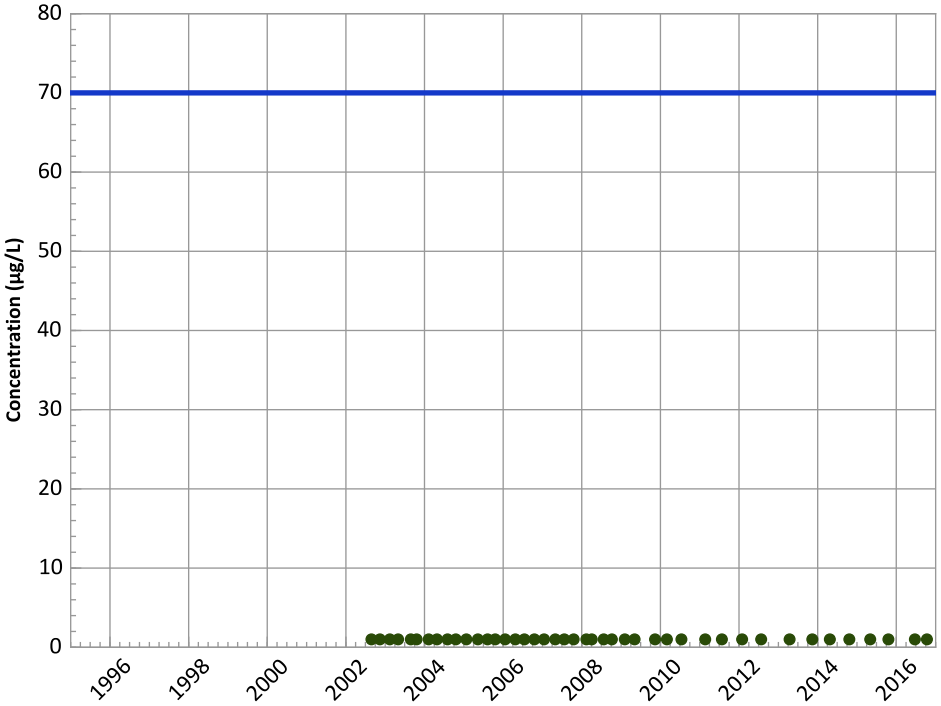
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

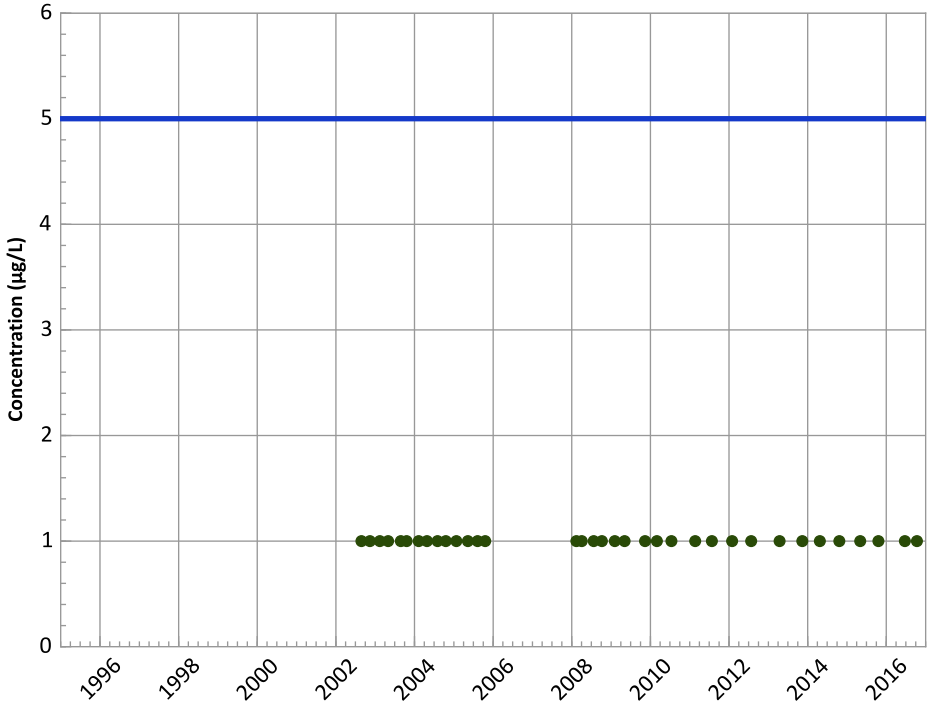


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

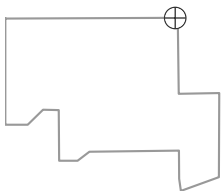
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

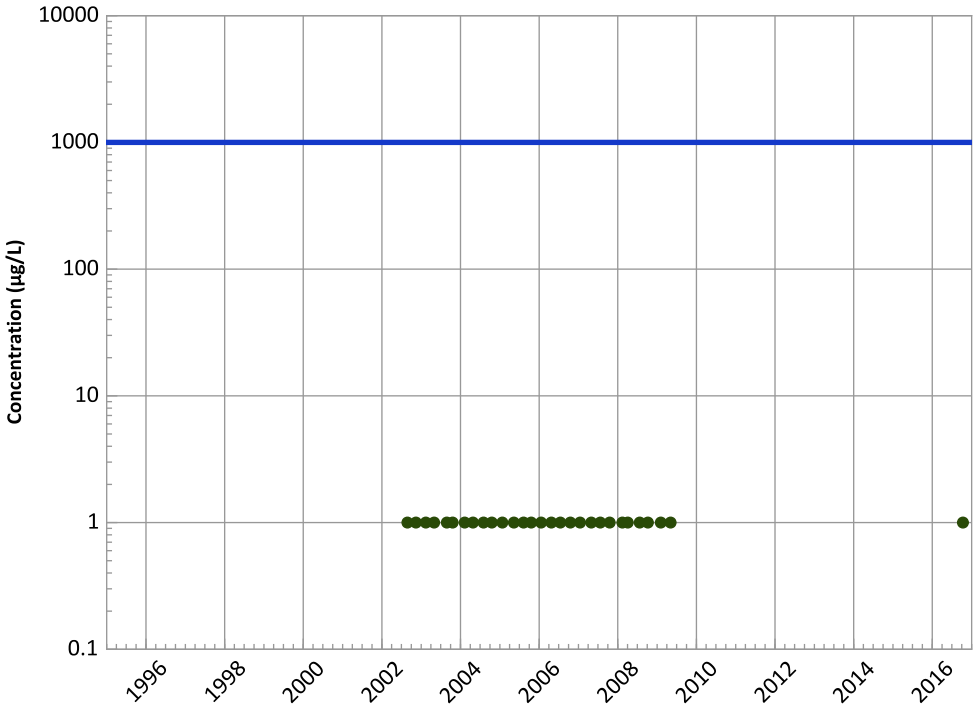
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Toluene Trend

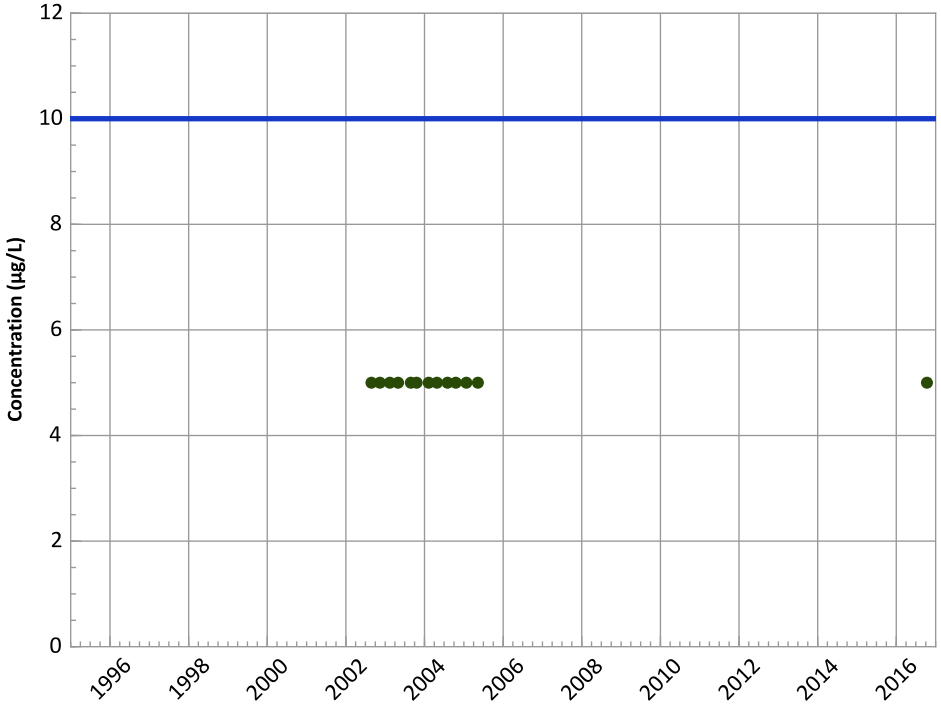


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

trans-1,4-Dichloro-2-Butene Trend



Concentration Trend

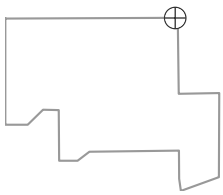
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

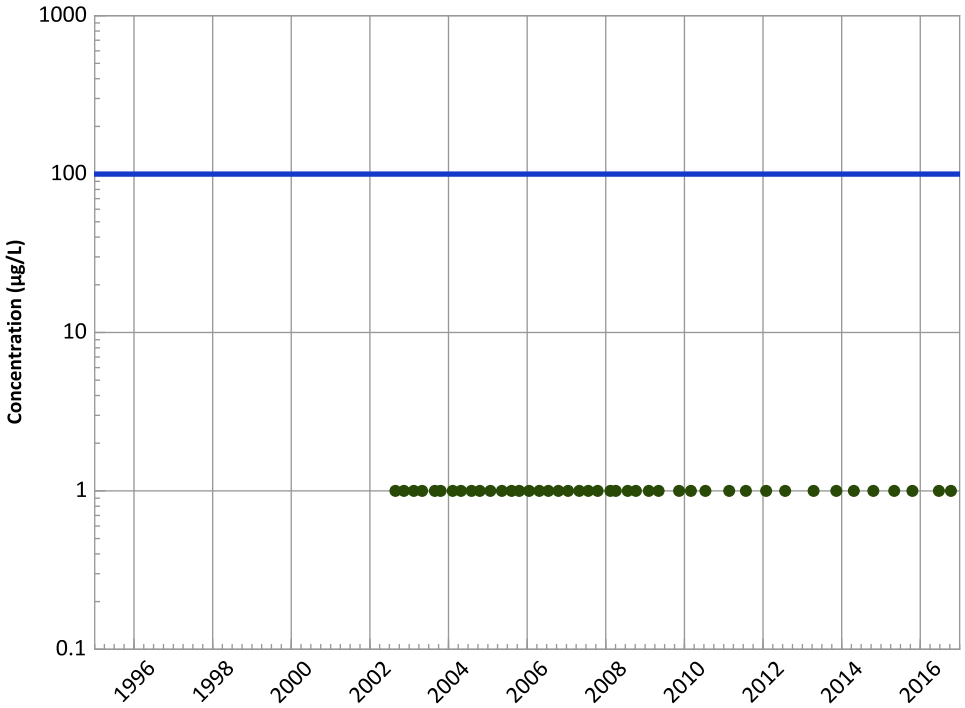
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

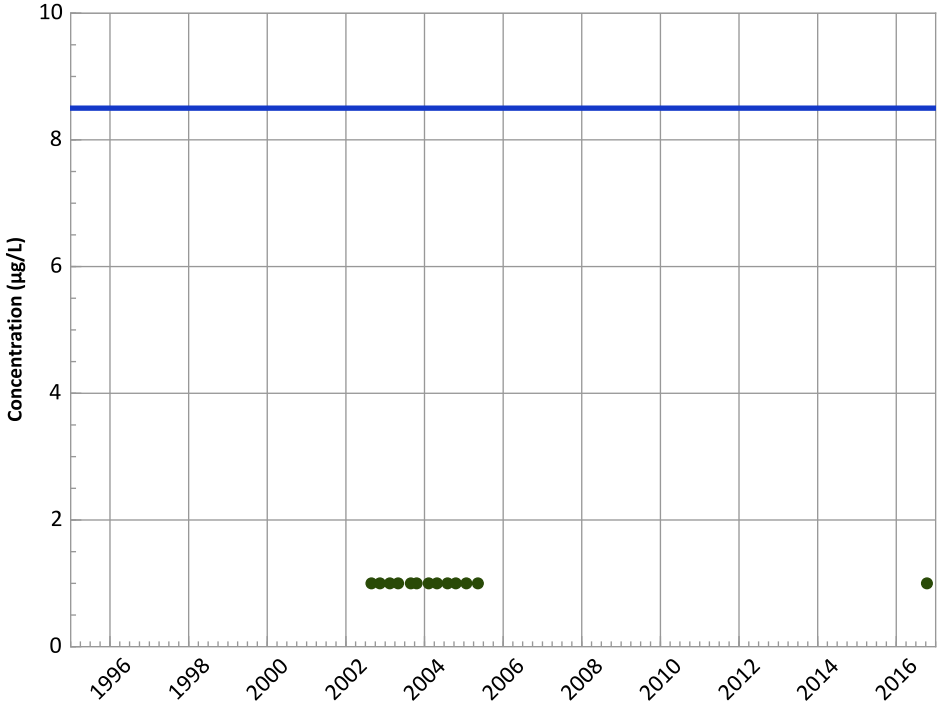


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

trans-1,3-Dichloropropene Trend



Concentration Trend

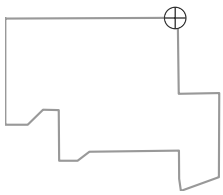
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

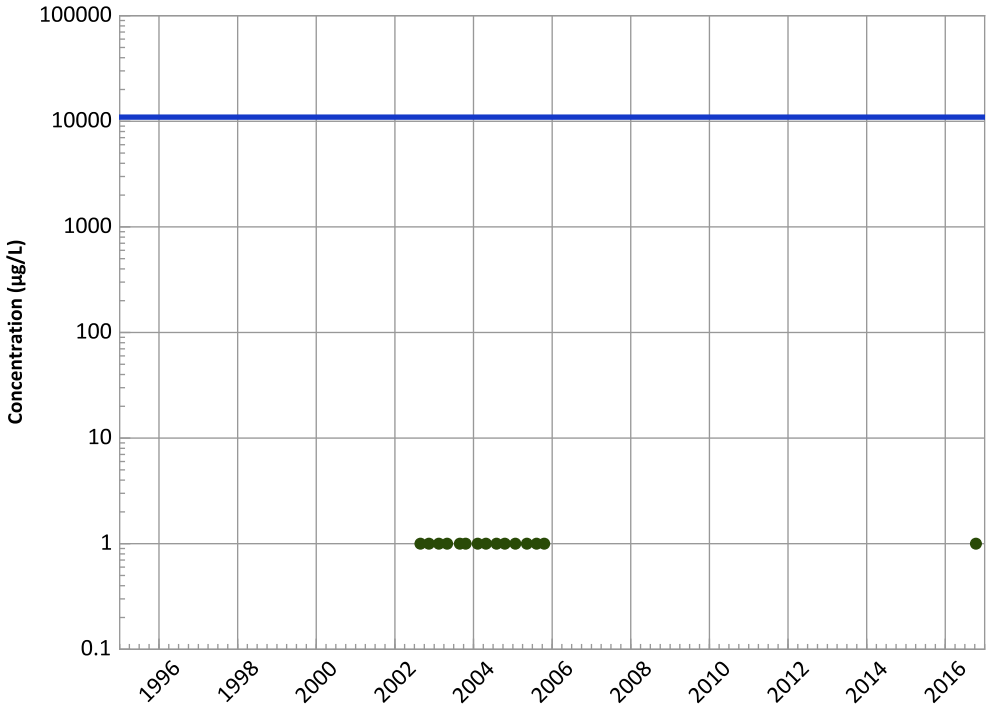
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichlorofluoromethane Trend

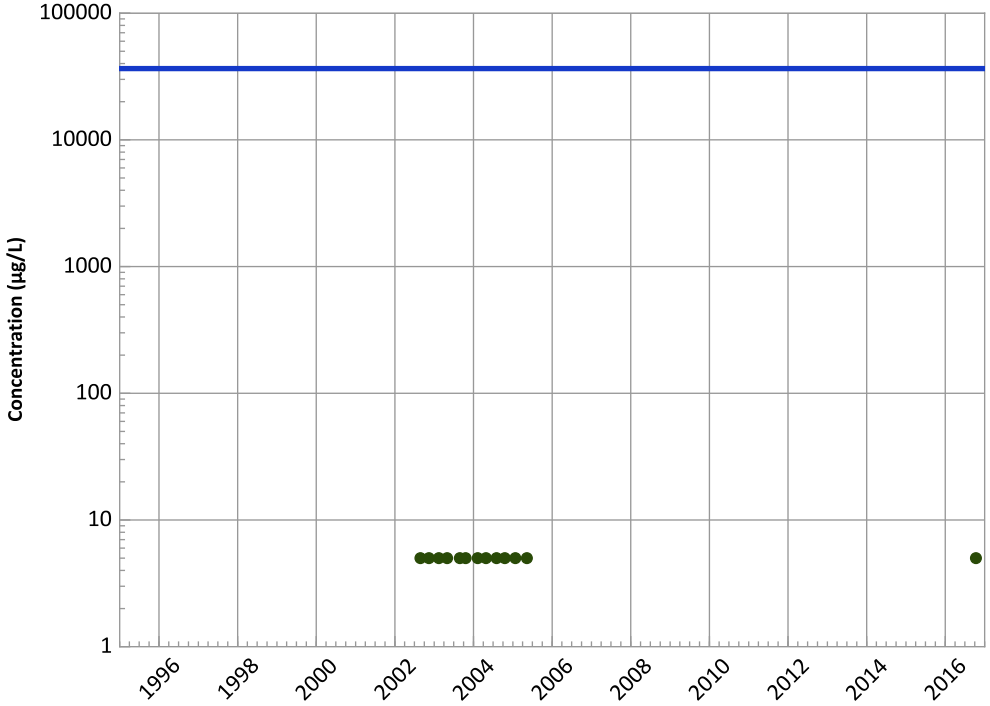


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Vinyl Acetate Trend



Concentration Trend

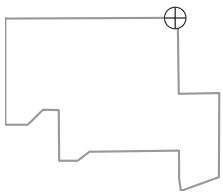
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

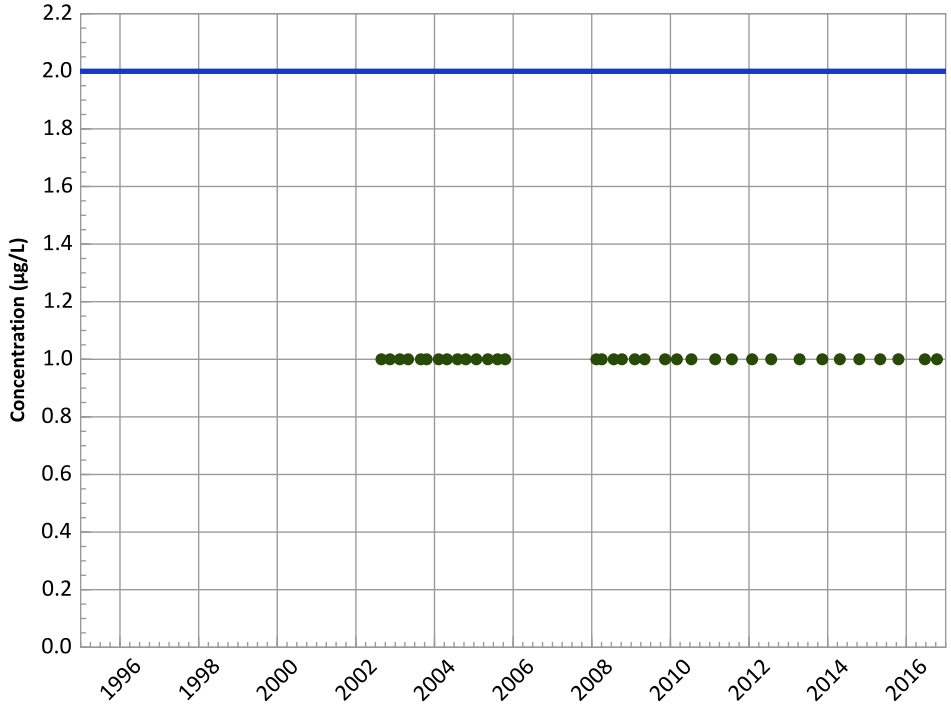
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

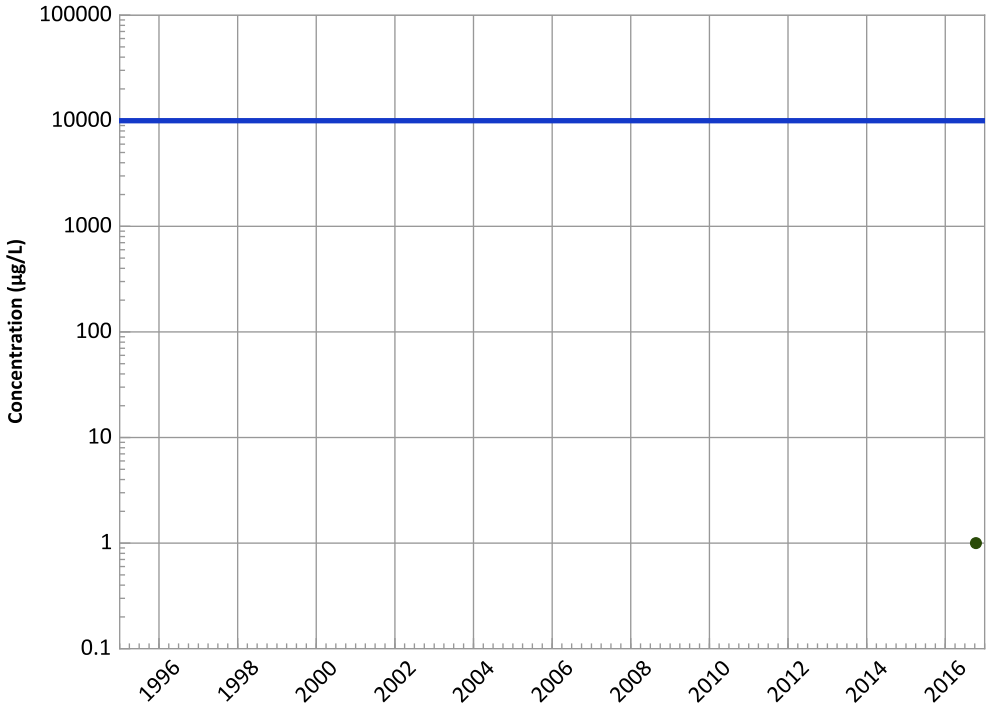


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Xylenes, Total Trend



Concentration Trend

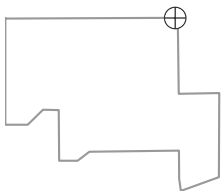
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

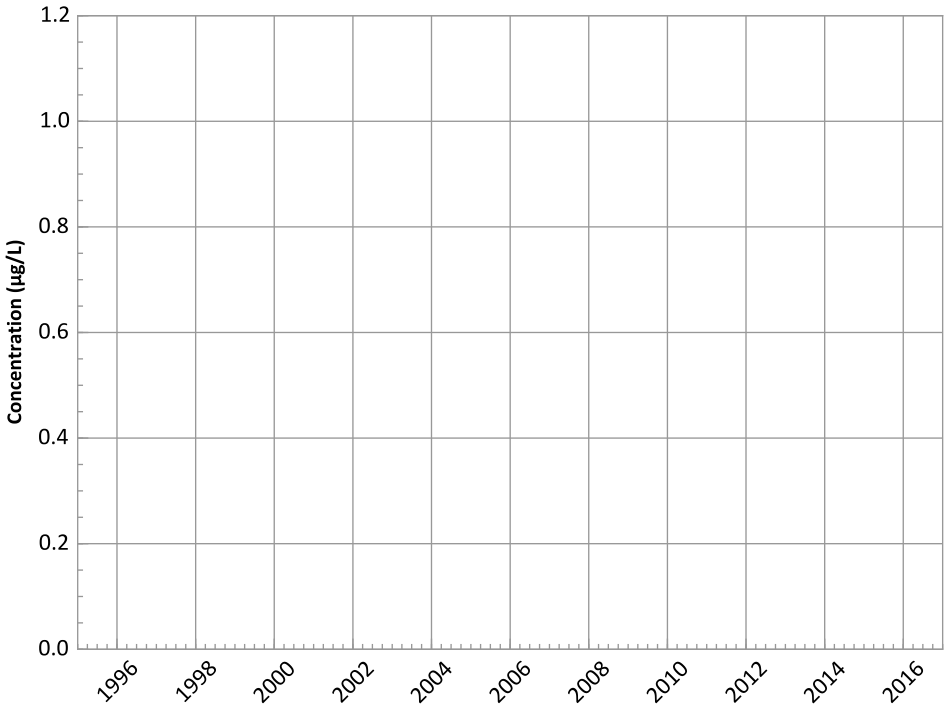
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sulfide Trend

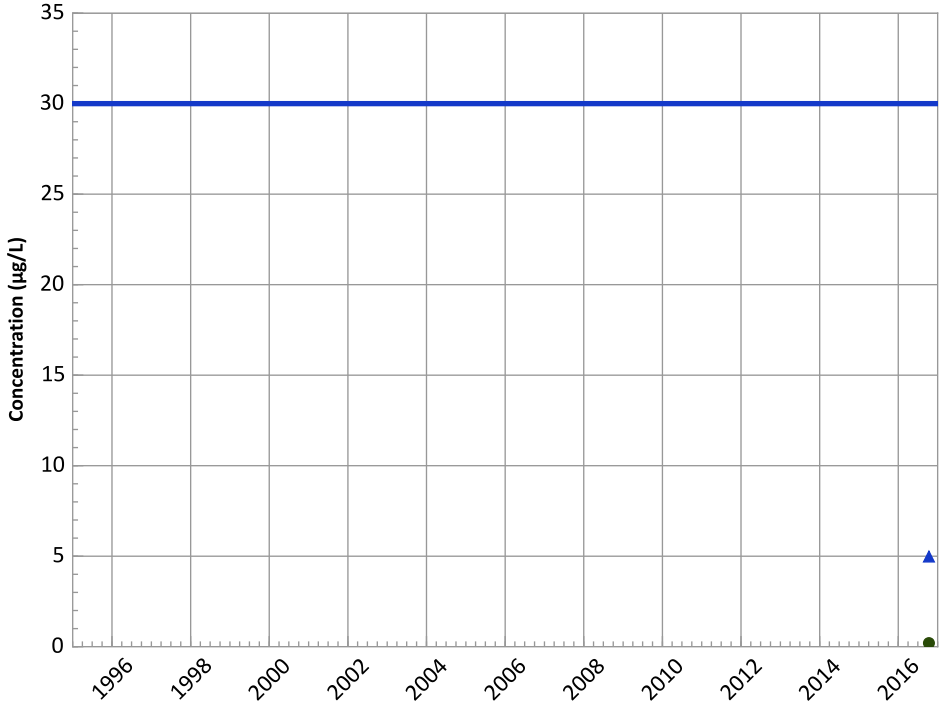


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Uranium, Total Trend



Concentration Trend

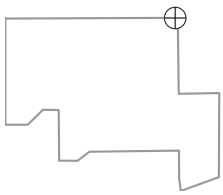
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

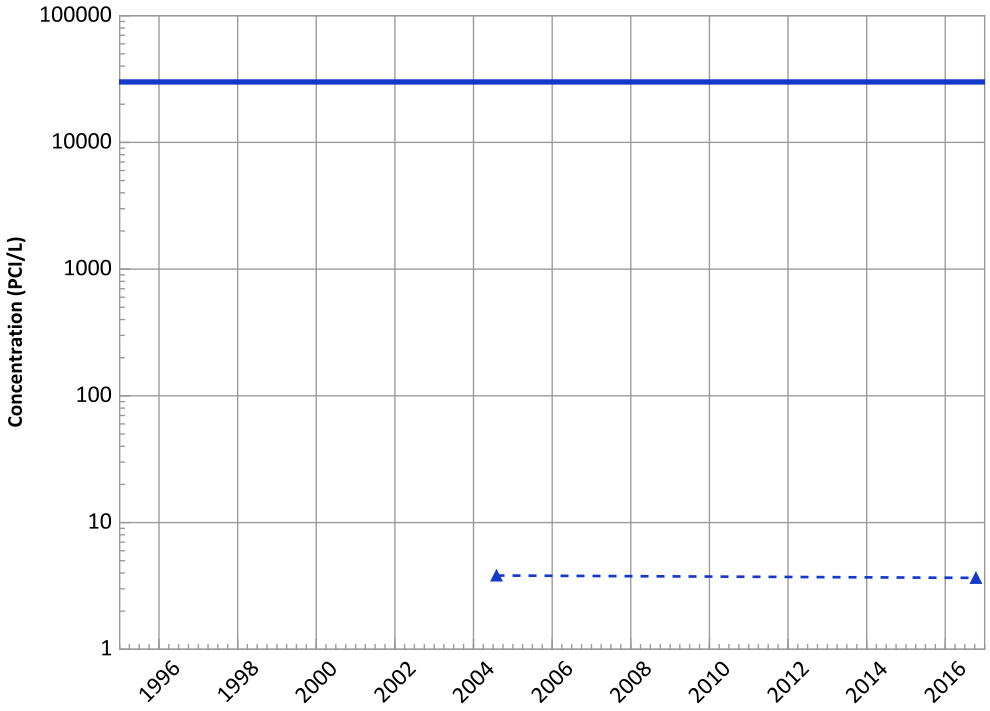
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Uranium-233/234 Trend

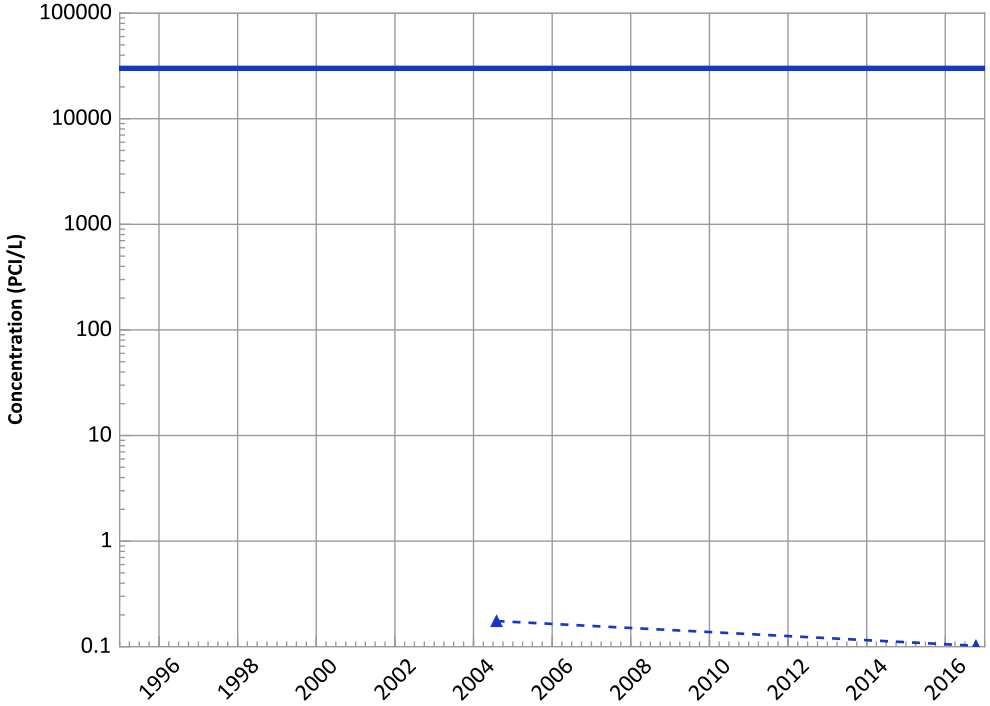


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Uranium-235/236 Trend



Concentration Trend

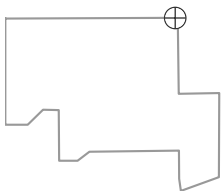
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

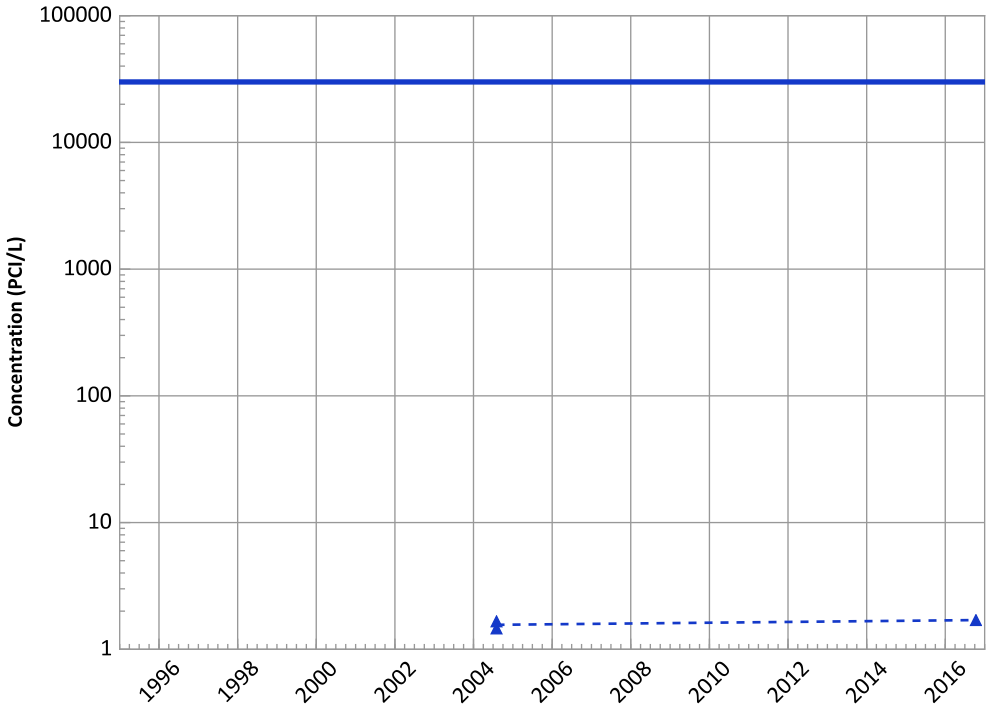
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Uranium-238 Trend

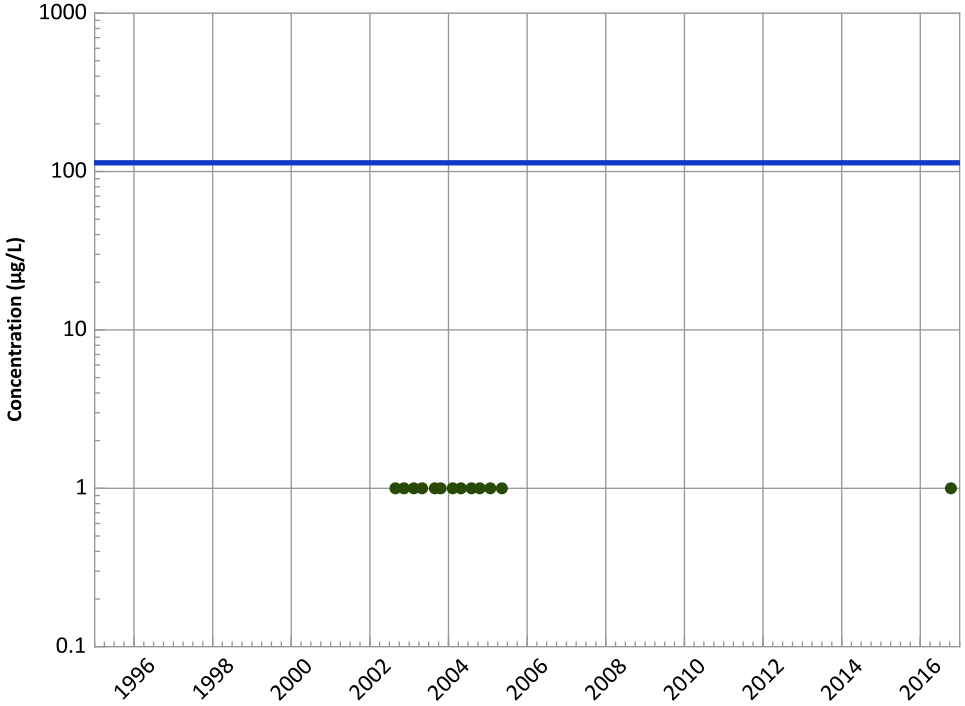


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Dibromomethane Trend



Concentration Trend

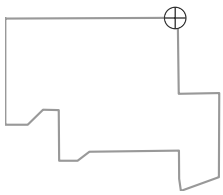
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

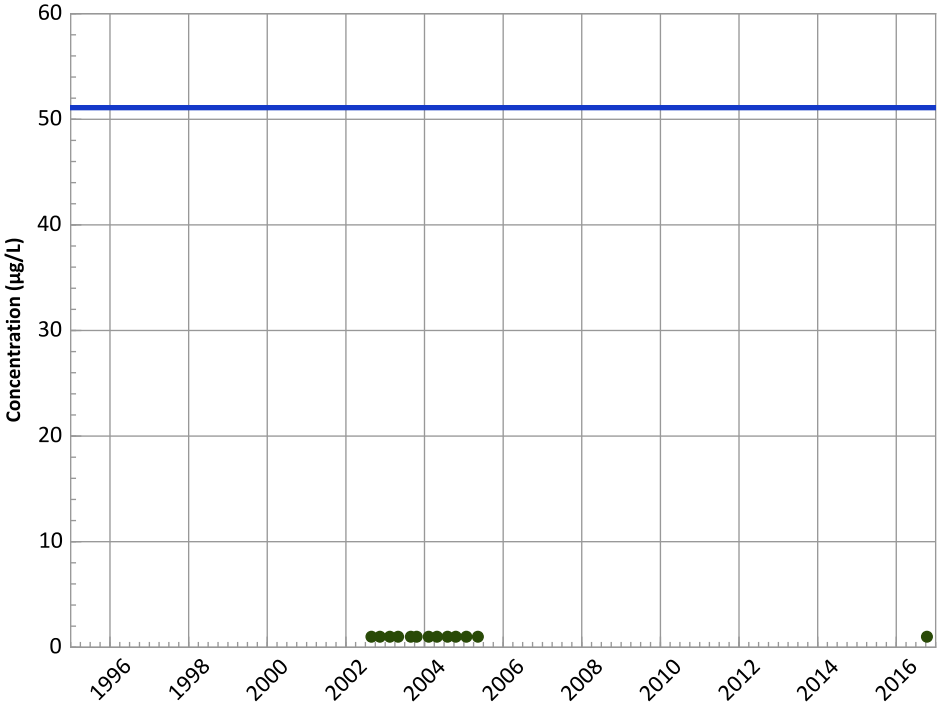
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Bromomethane Trend



Concentration Trend

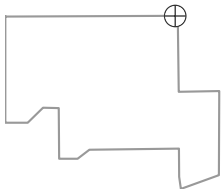
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

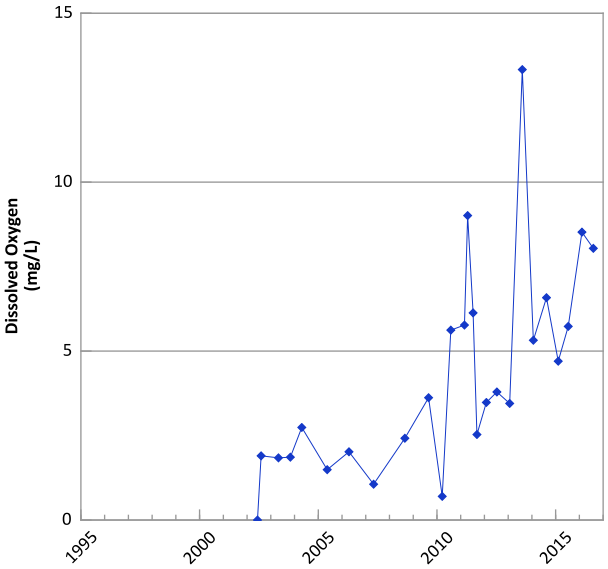
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 08/26/2002 to 10/12/2016
Analysis Date: 03/07/2017

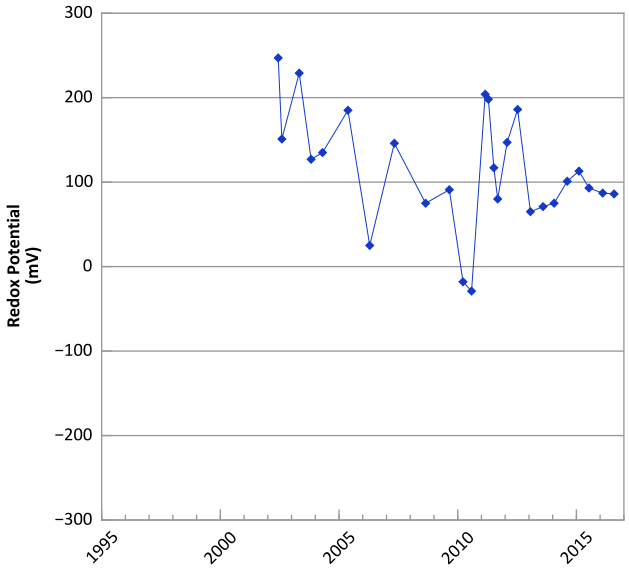
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

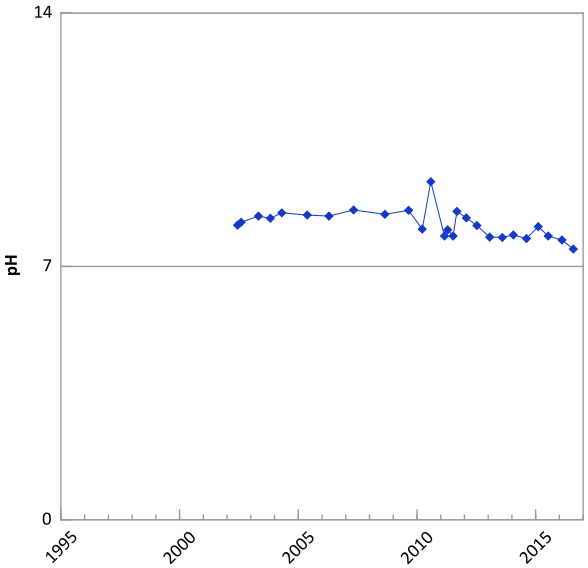
Well Location

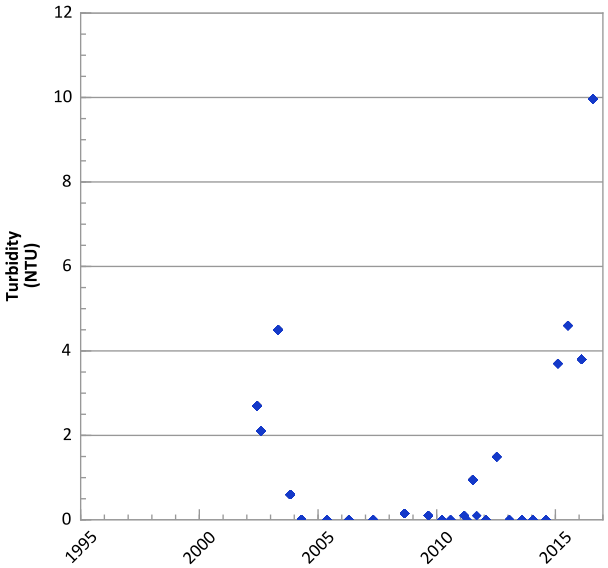


PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



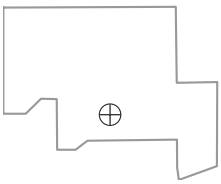






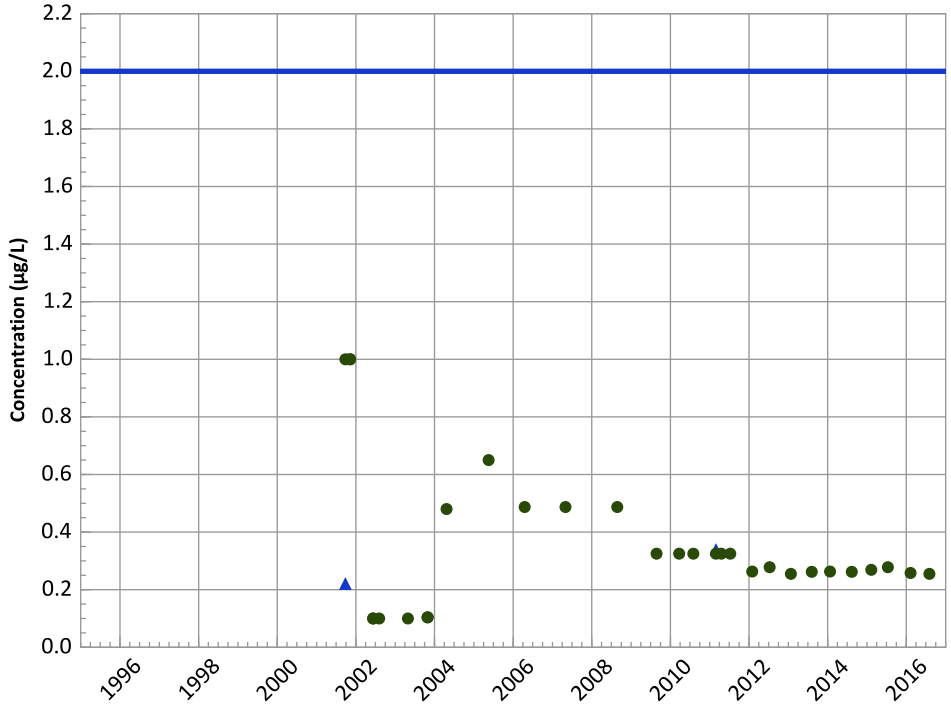
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

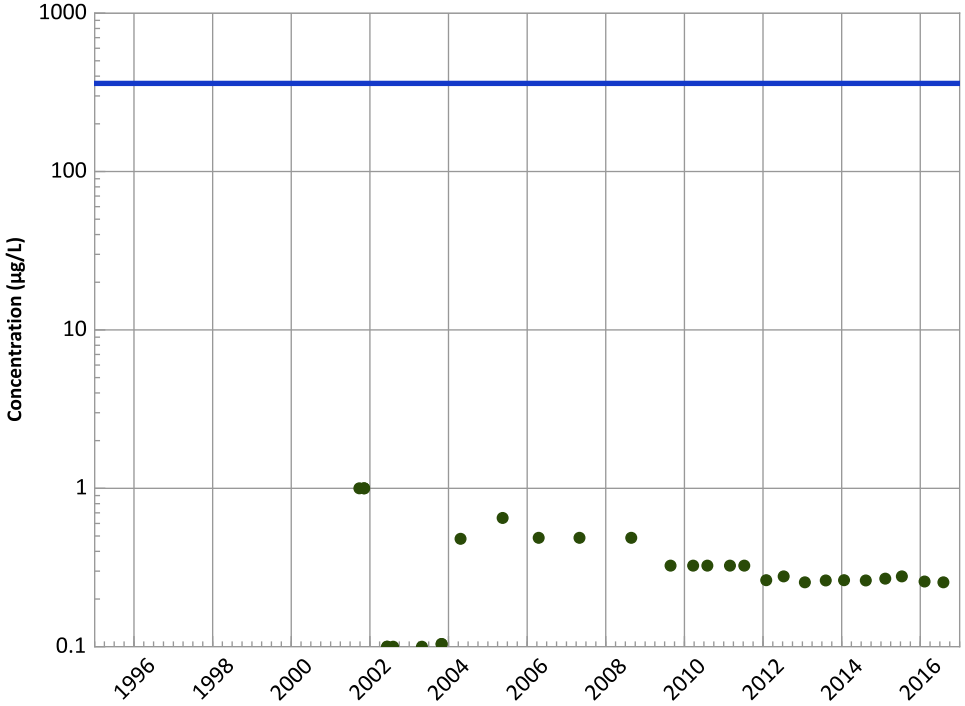


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

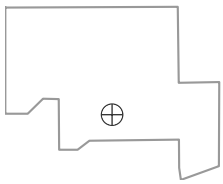
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

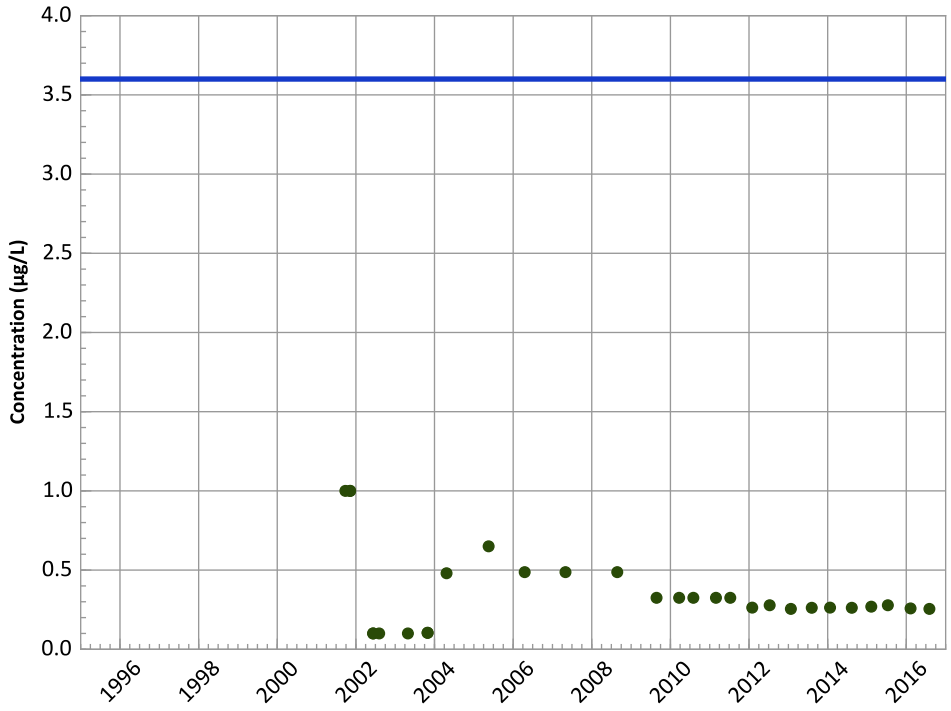
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

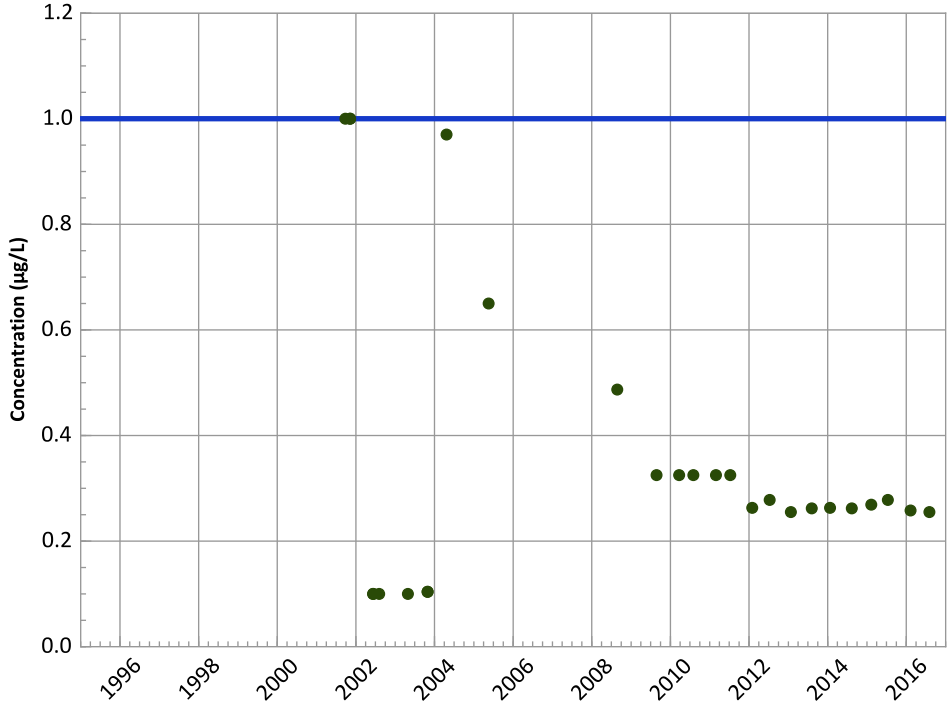


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

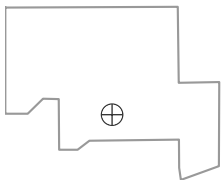
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

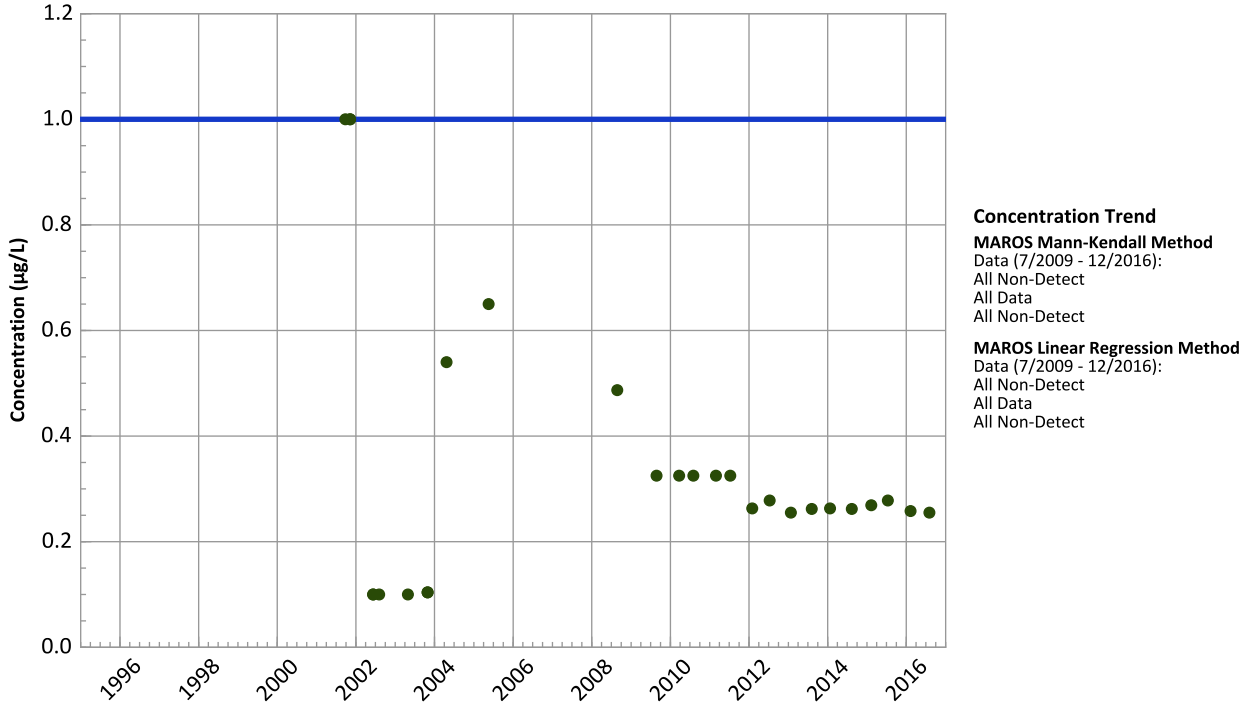
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

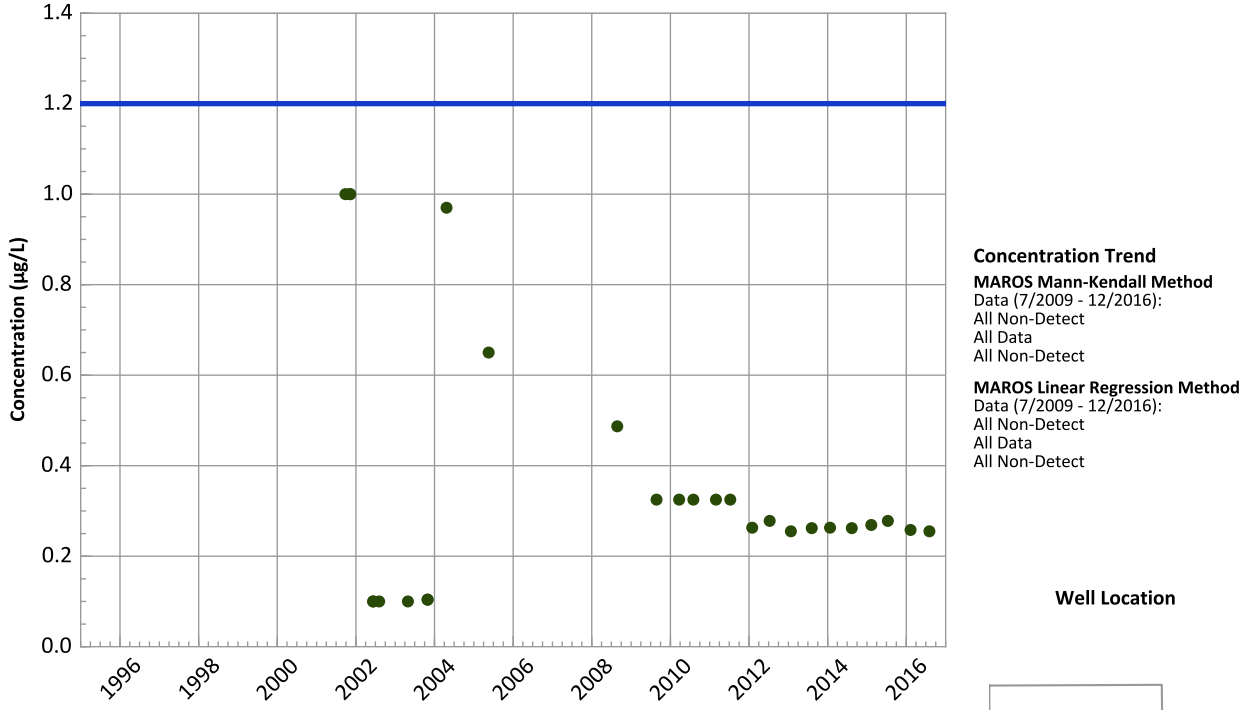


PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



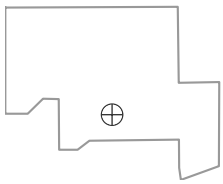
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

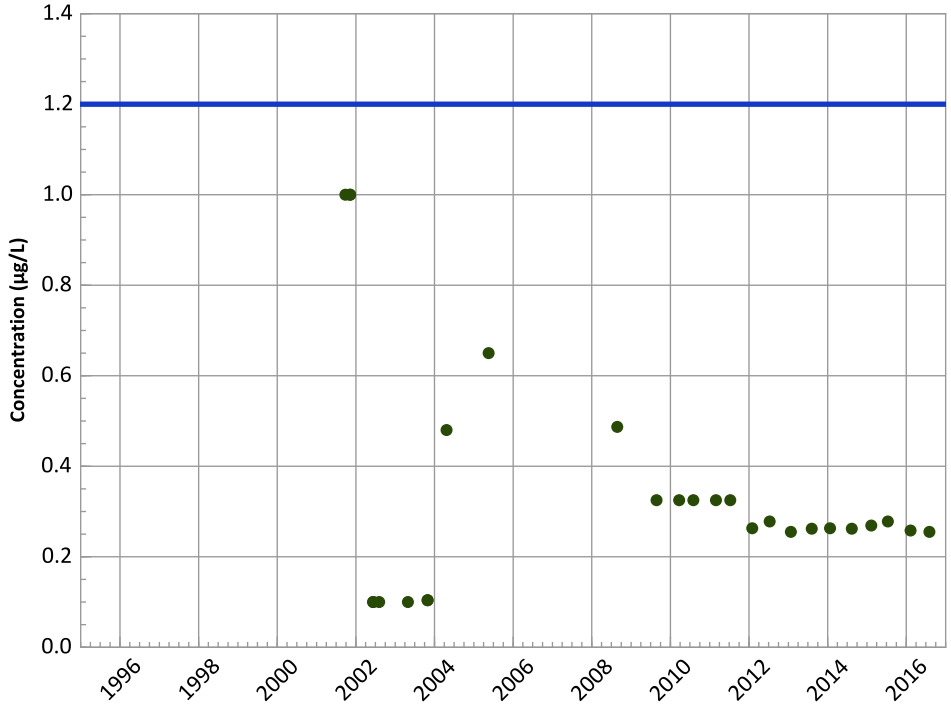
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

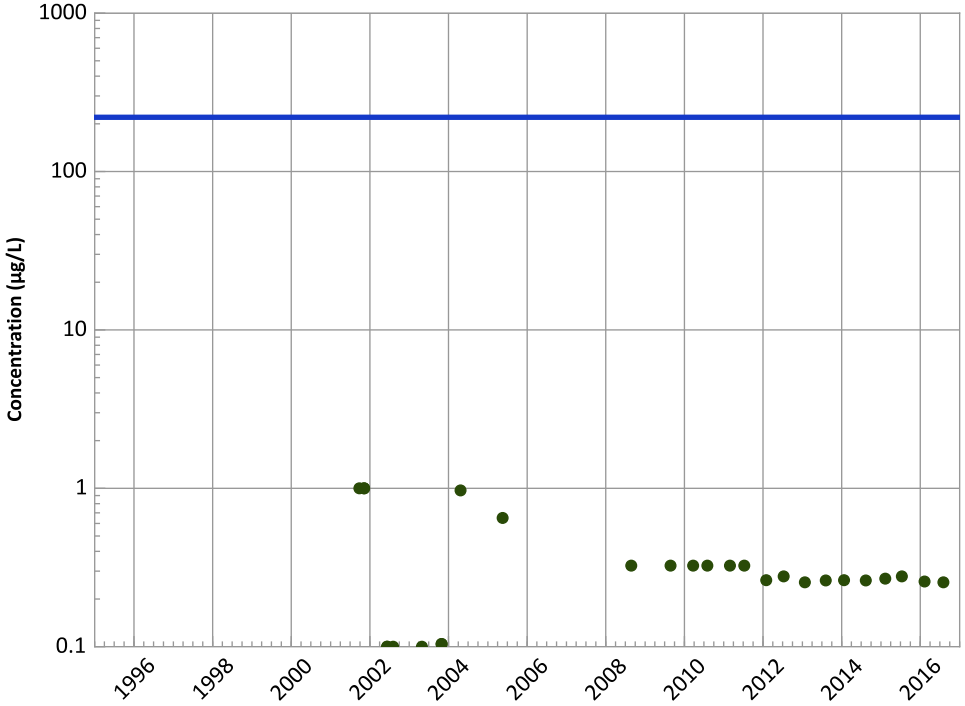


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

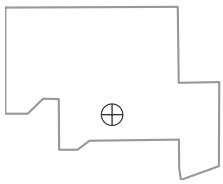
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

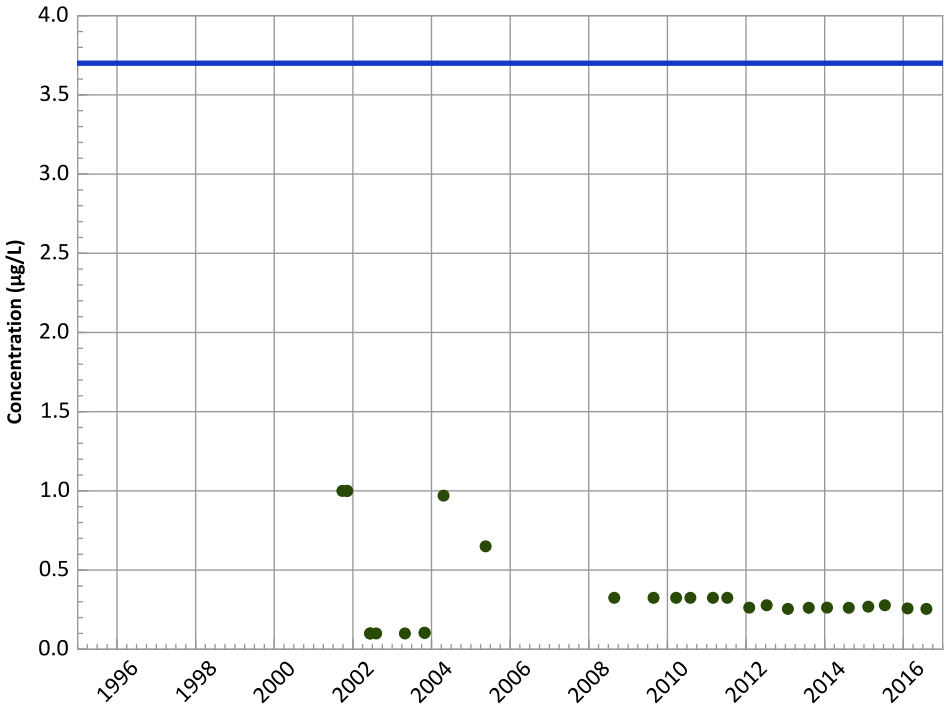
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

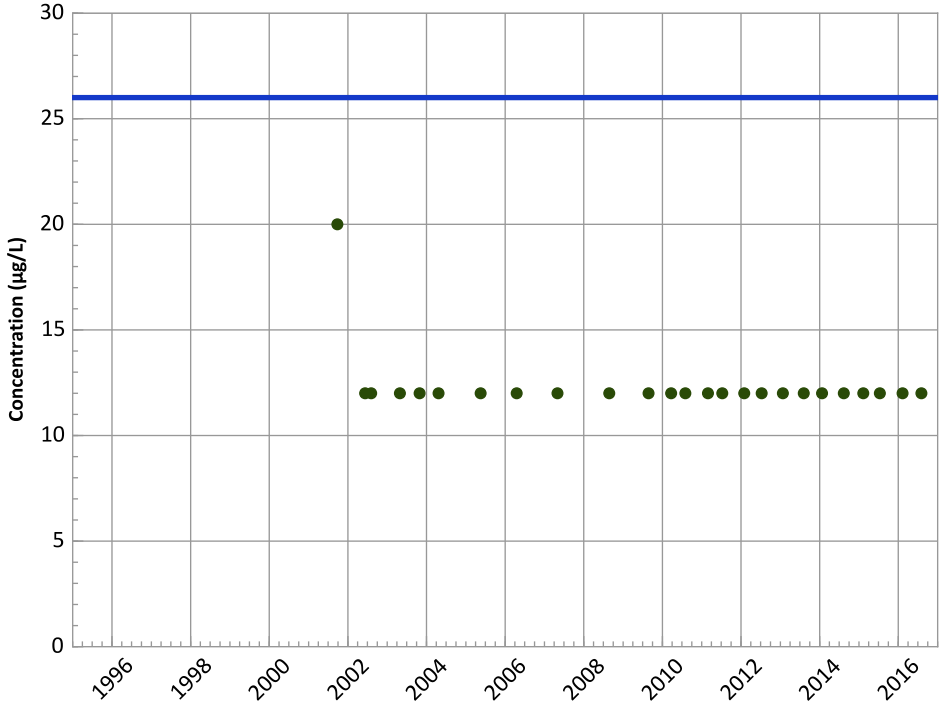


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

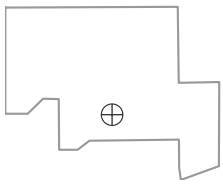
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

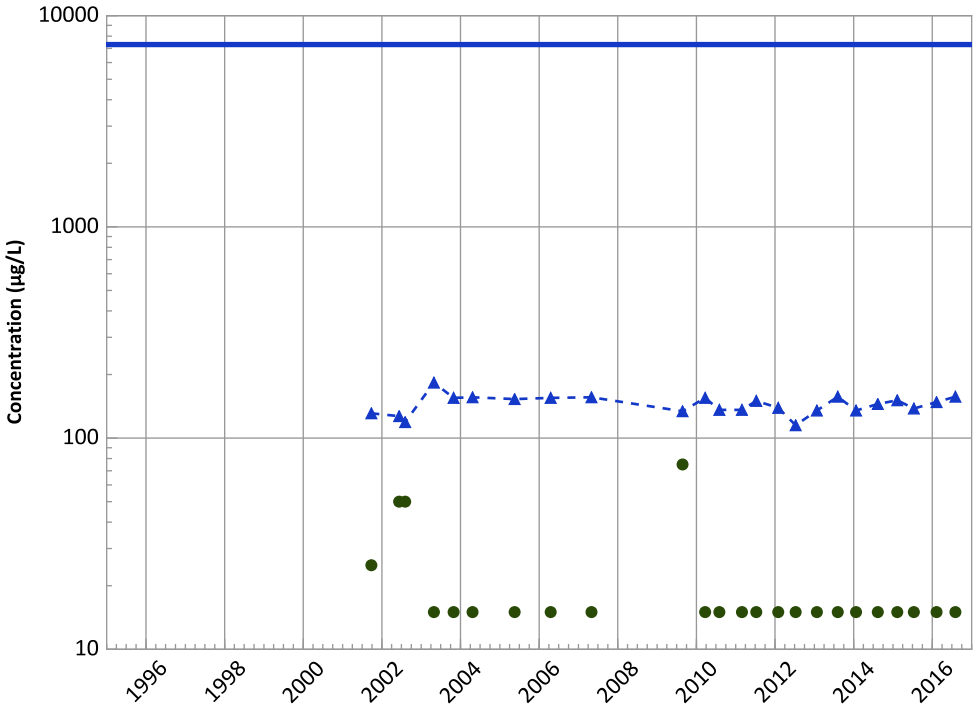
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

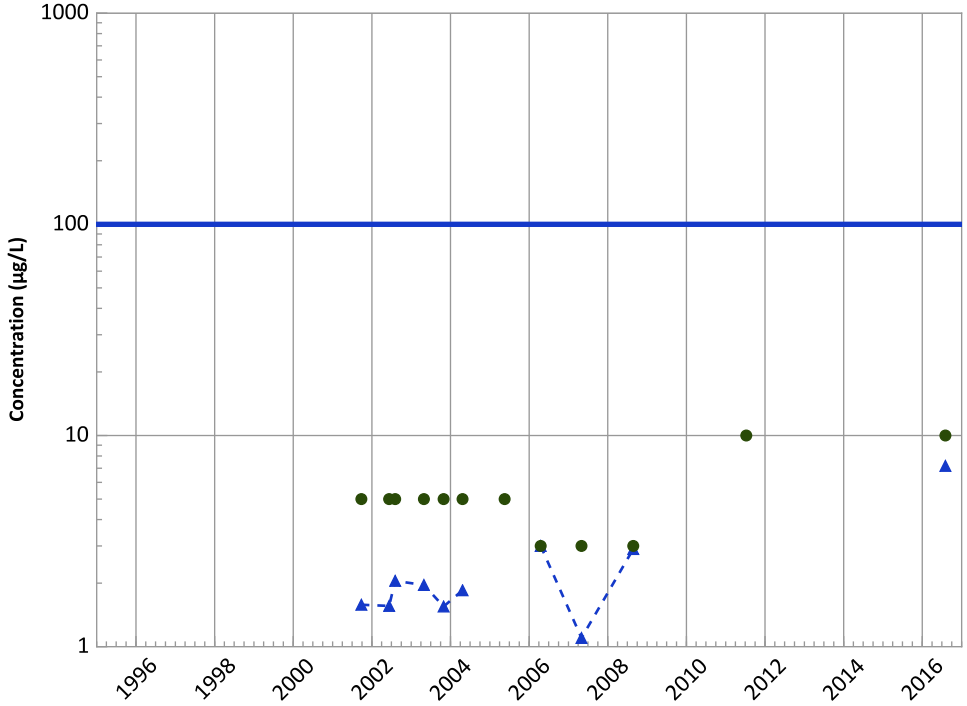


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

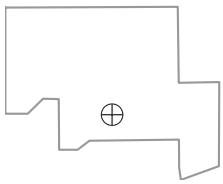
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

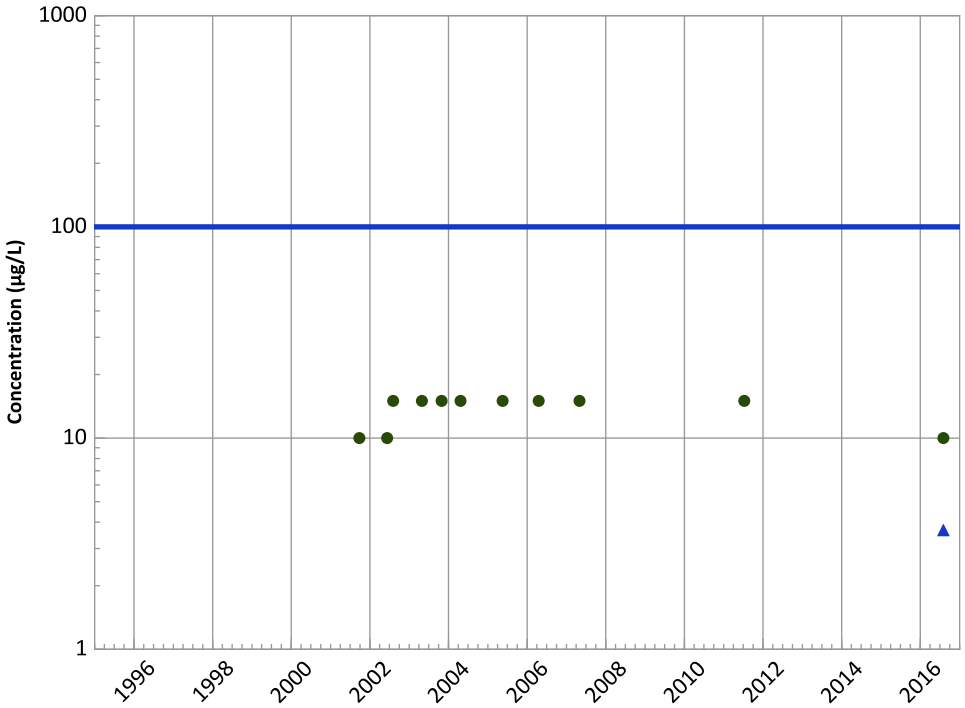
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

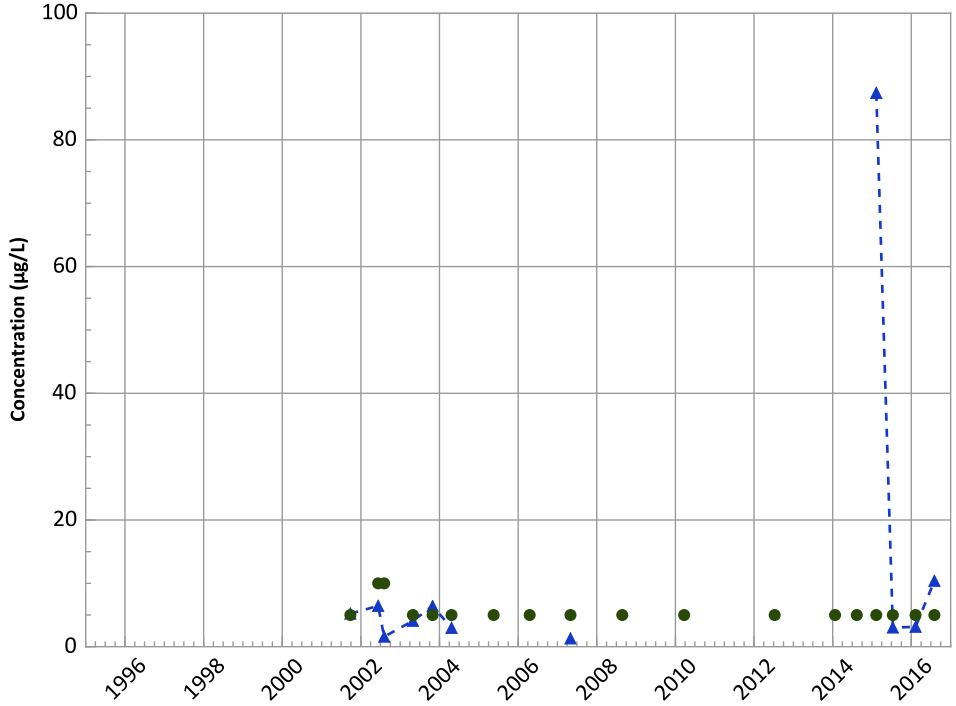


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

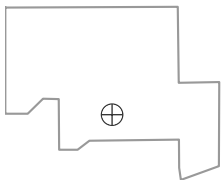
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

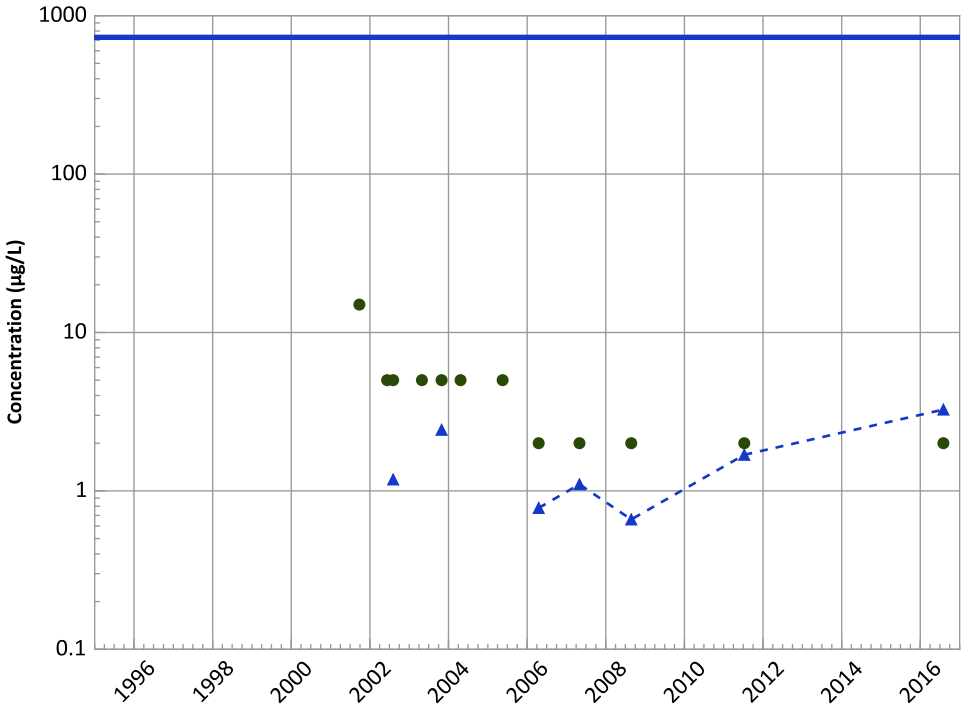
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

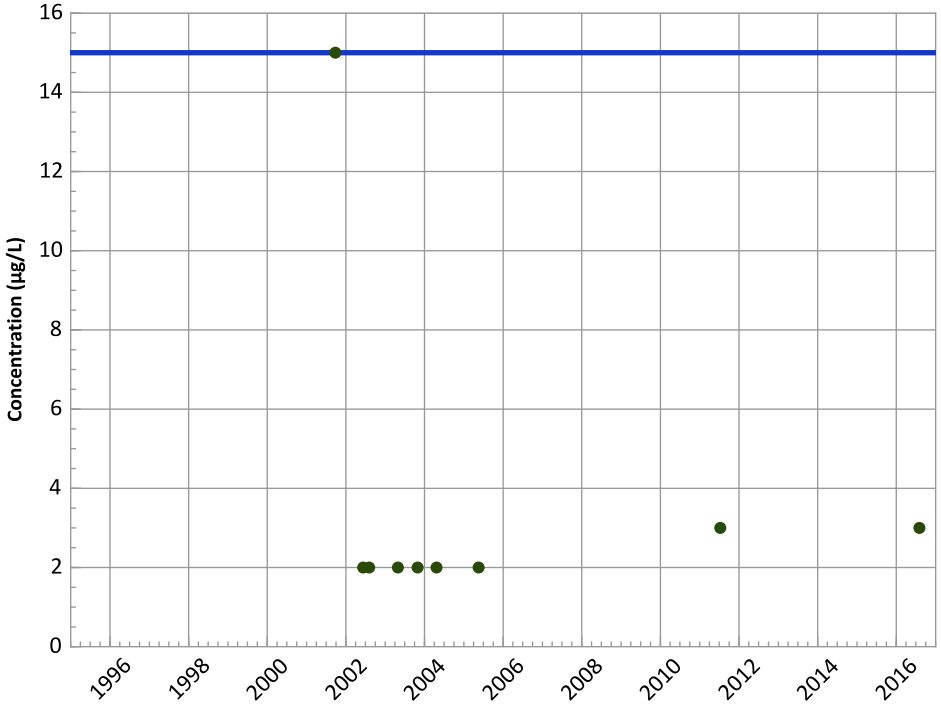


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Antimony Trend



Concentration Trend

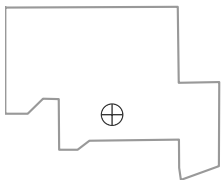
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

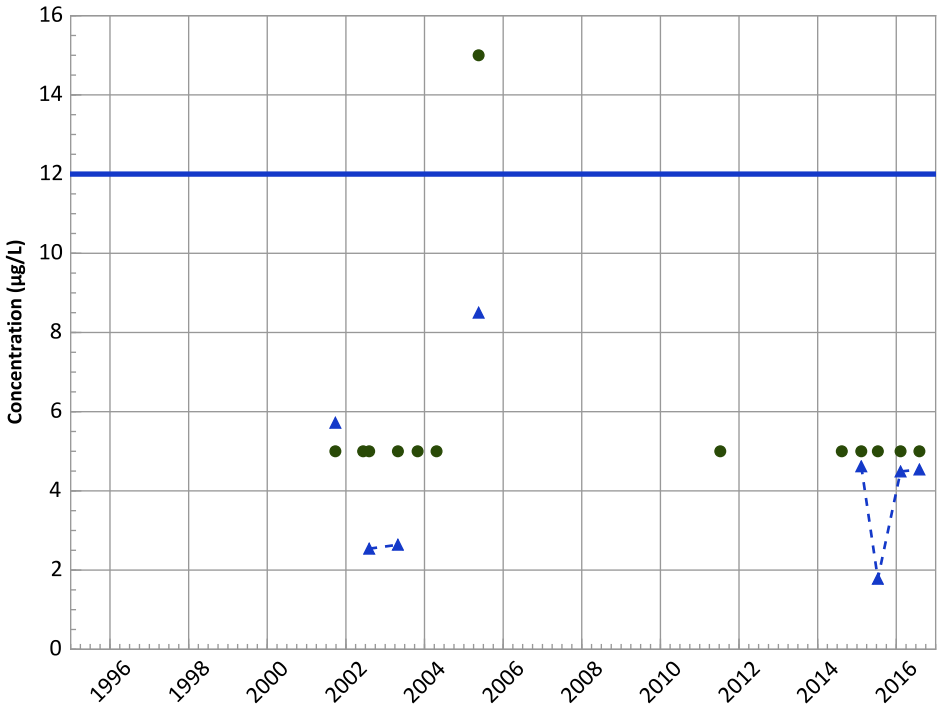
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

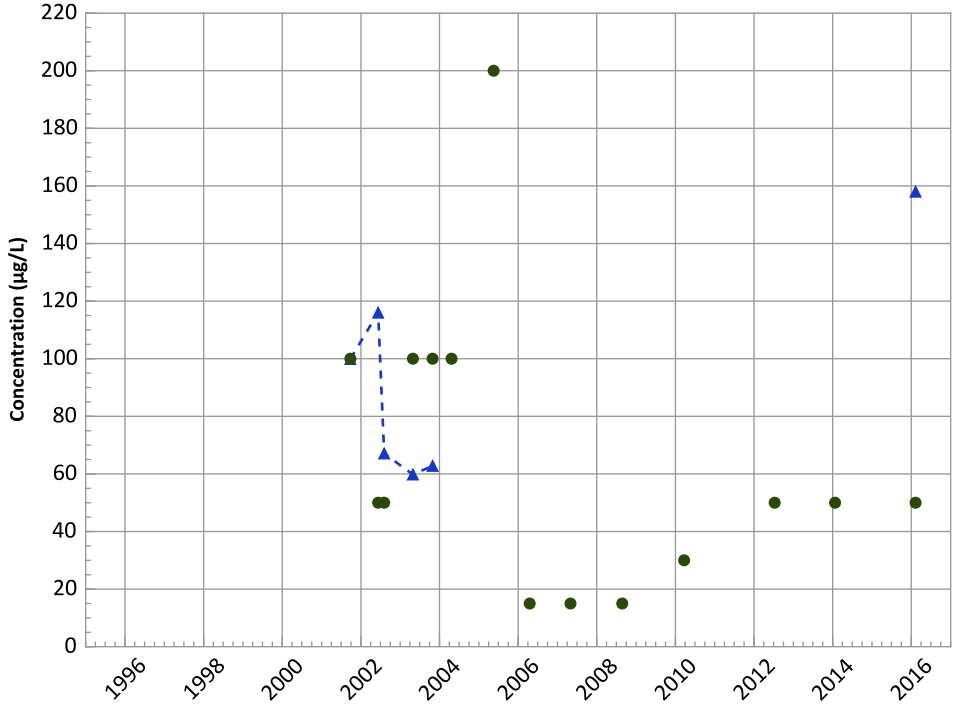


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Stable

Aluminum Trend



Concentration Trend

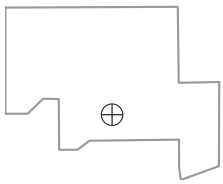
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

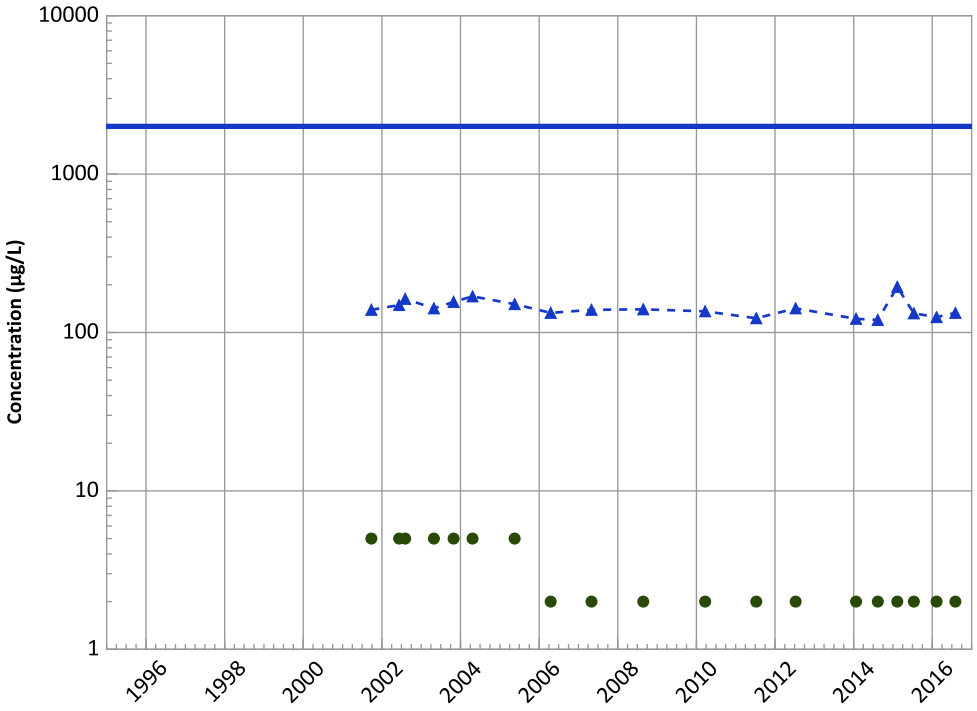
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

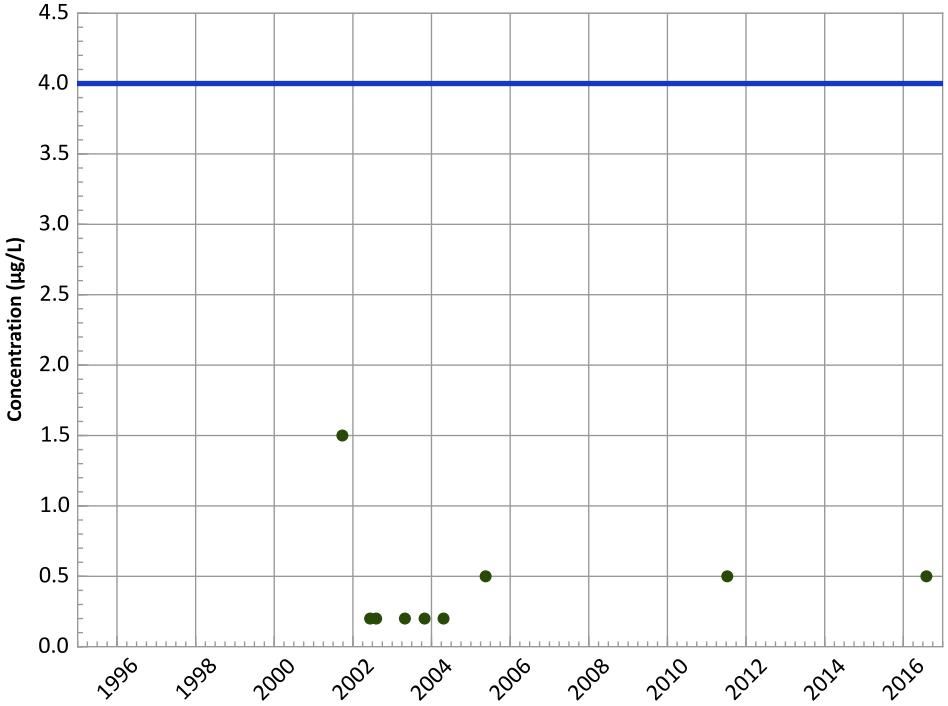


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Decreasing

Beryllium Trend



Concentration Trend

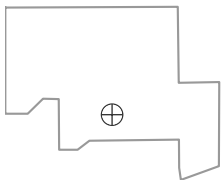
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

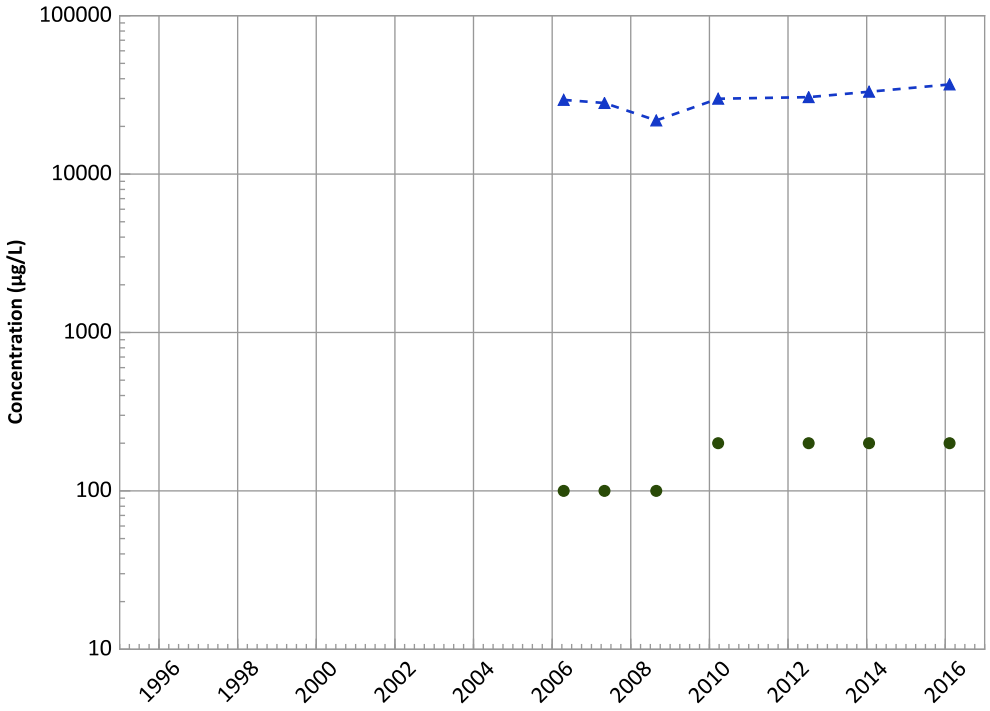
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

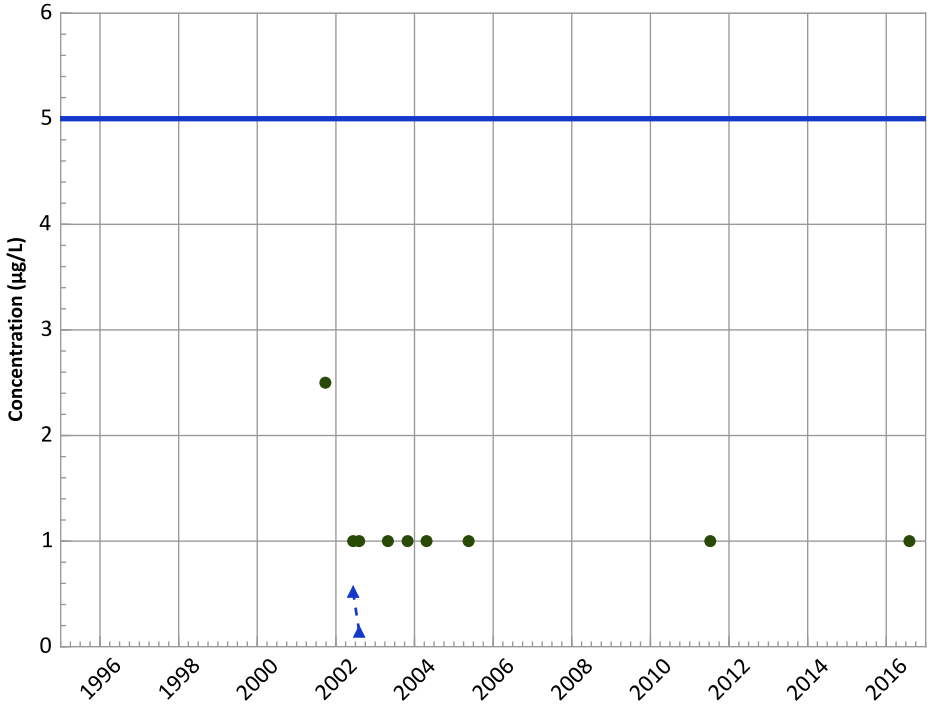


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Cadmium Trend



Concentration Trend

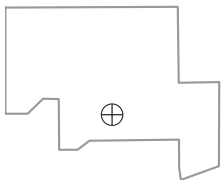
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

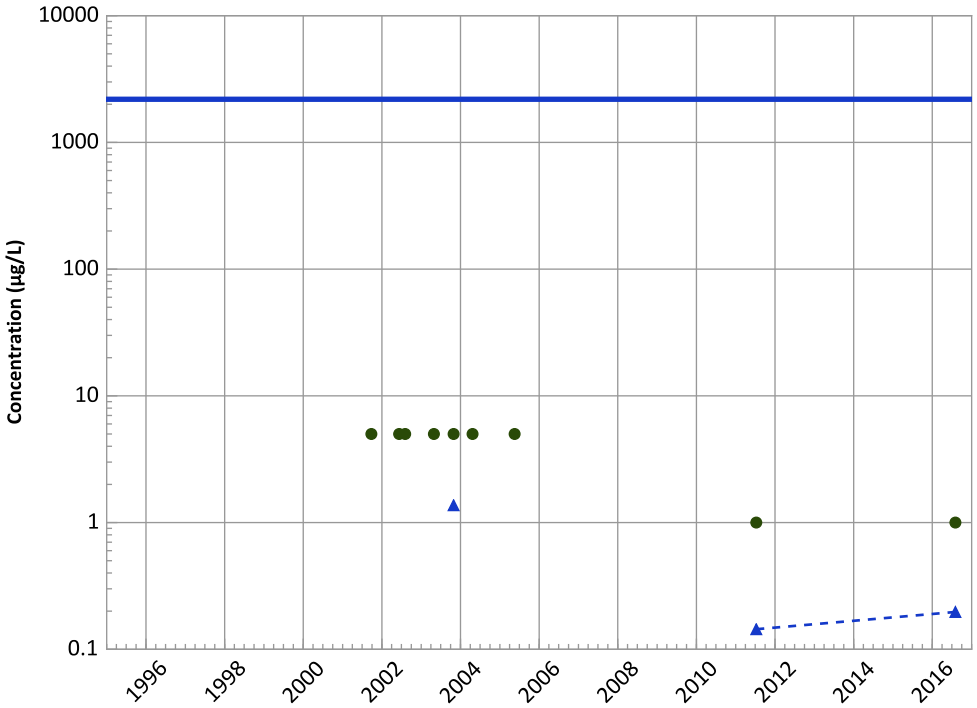
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Cobalt Trend

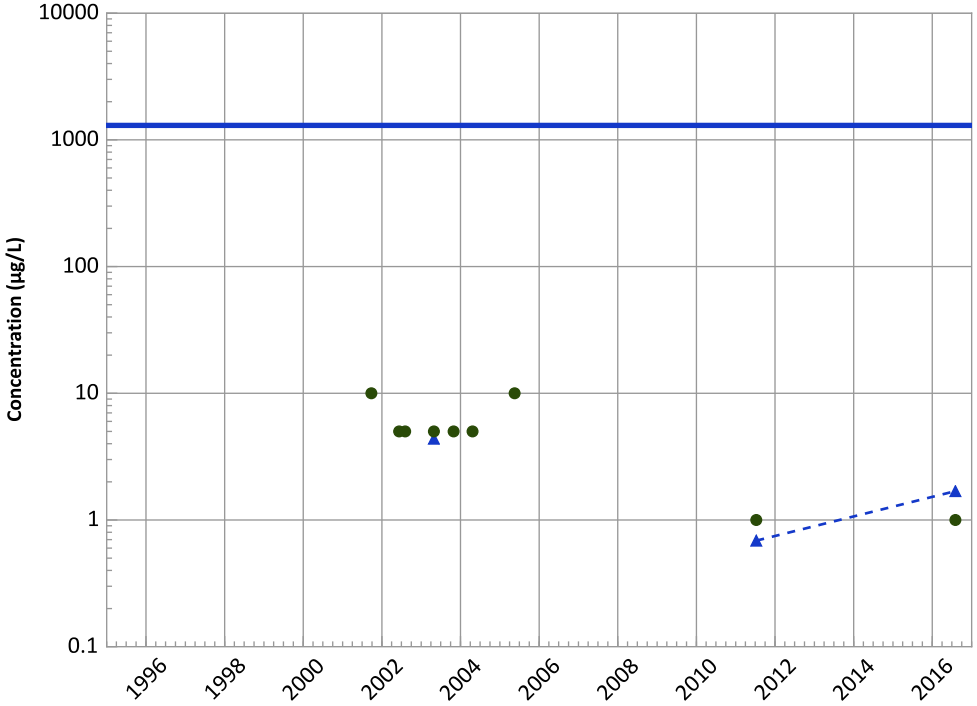


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Copper Trend



Concentration Trend

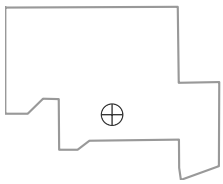
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

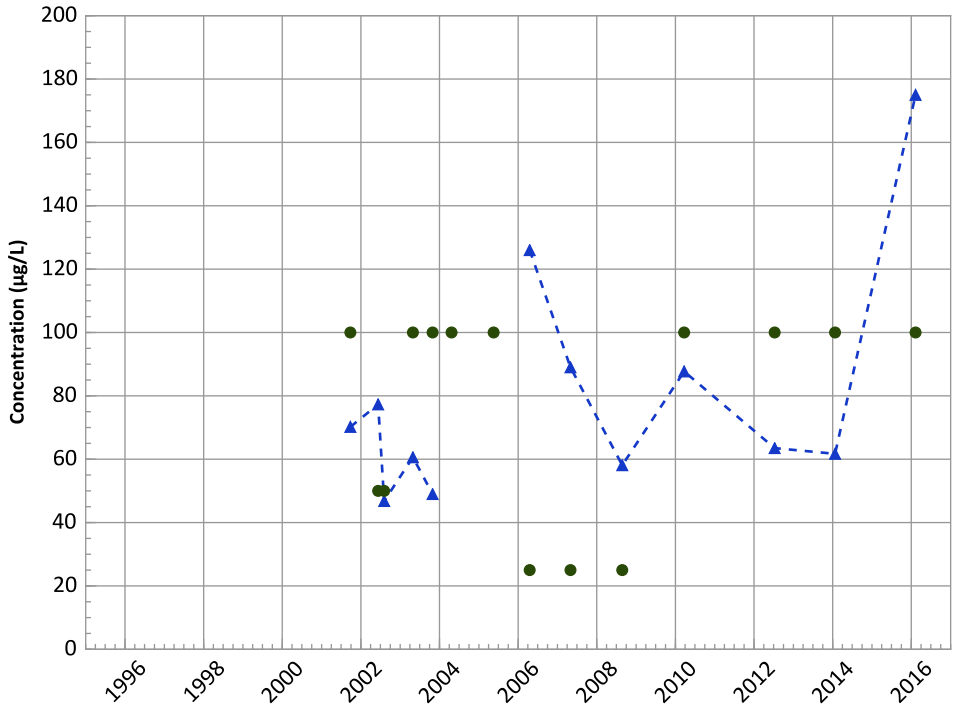
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

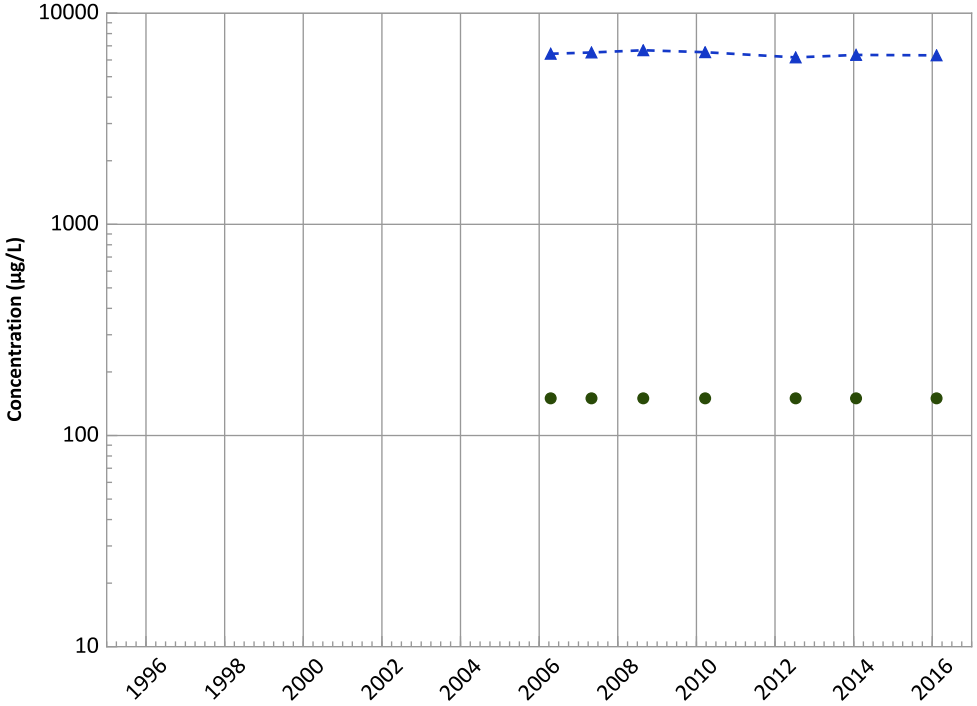


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Probably Increasing

Potassium Trend



Concentration Trend

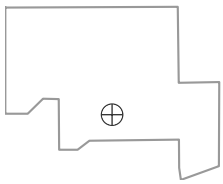
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

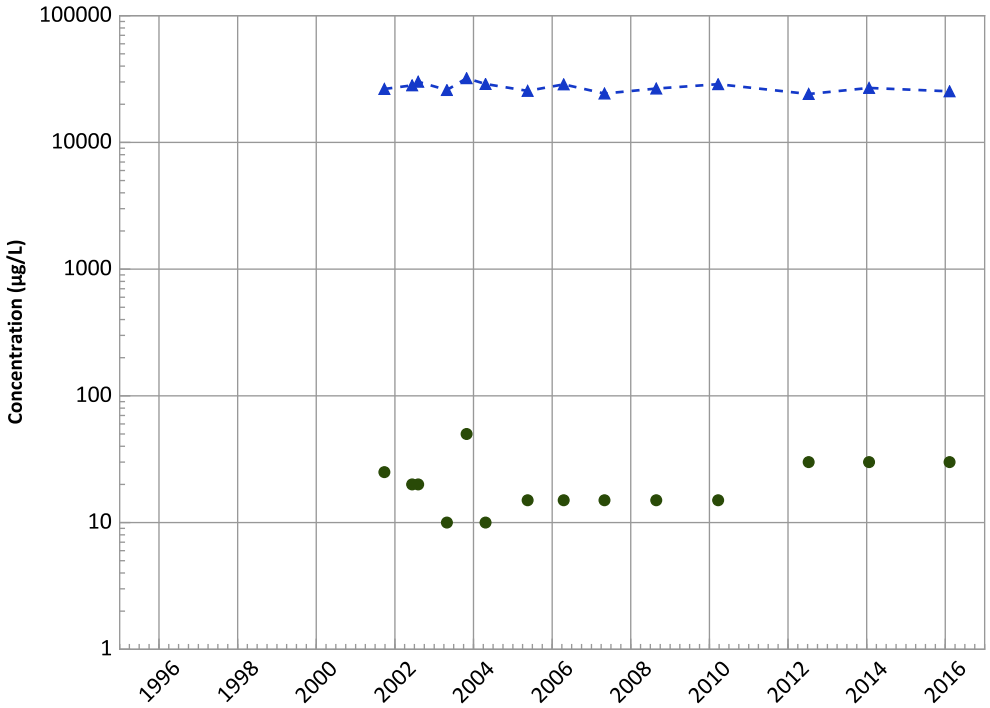
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

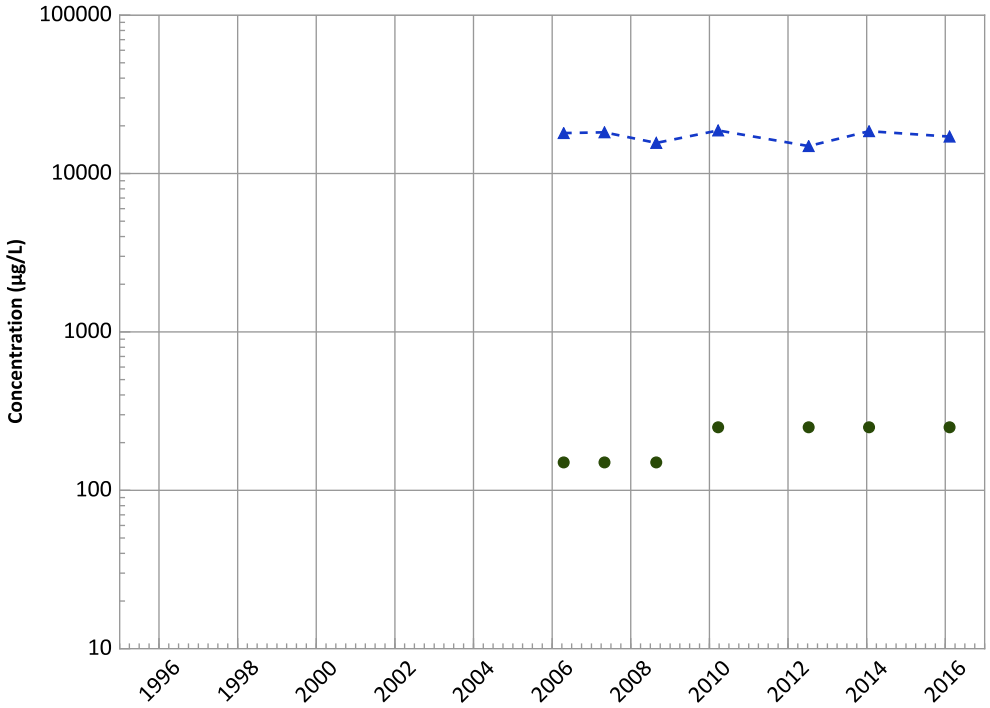


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Decreasing

Sodium Trend



Concentration Trend

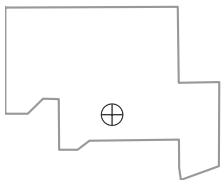
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

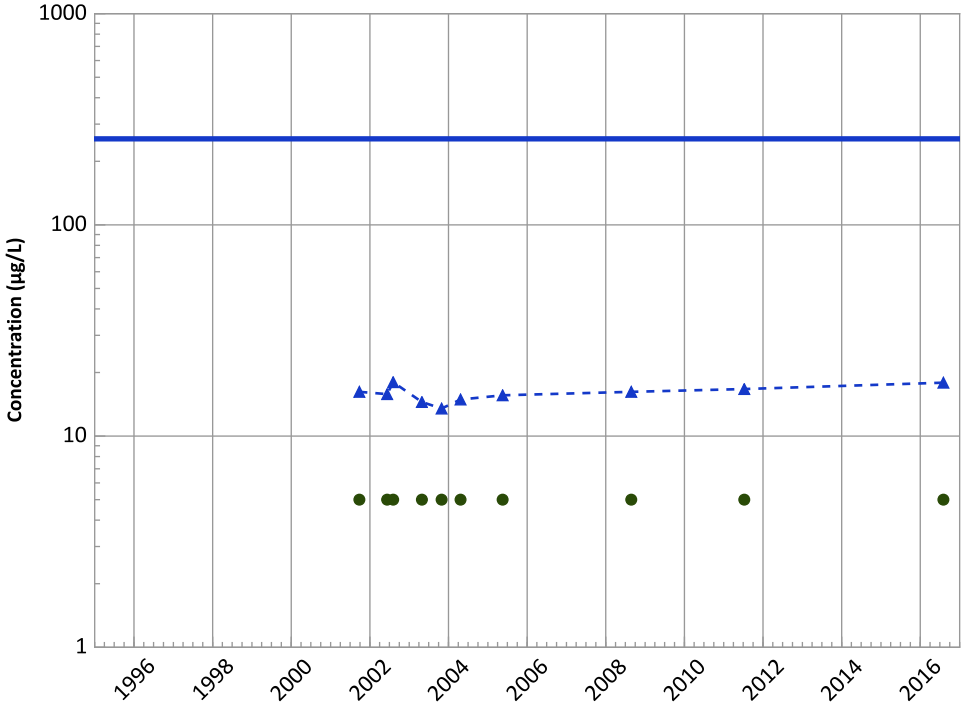
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

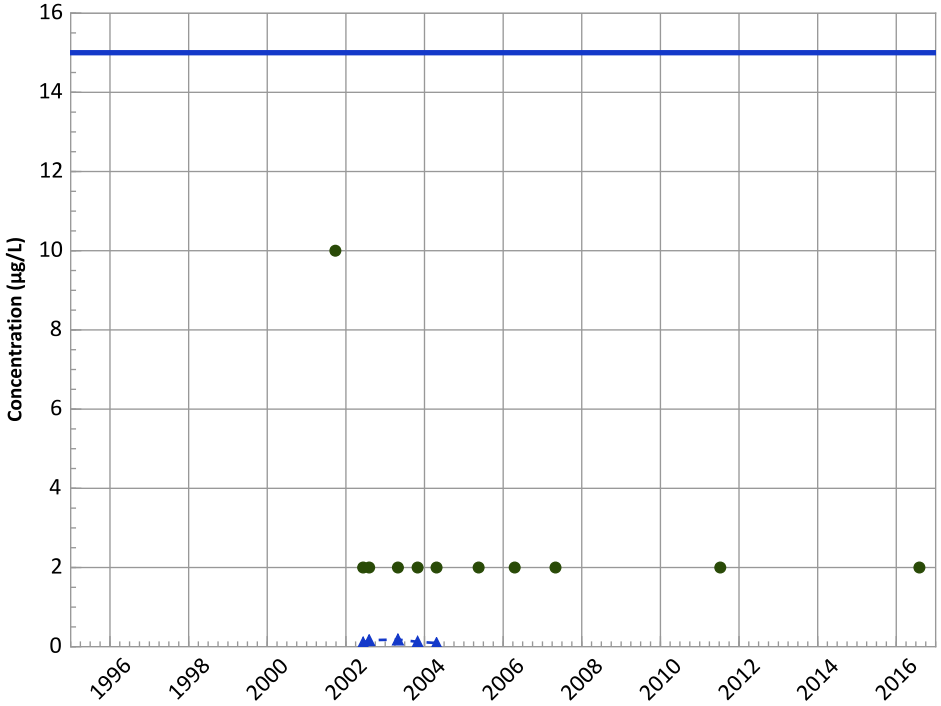


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Increasing

Lead Trend



Concentration Trend

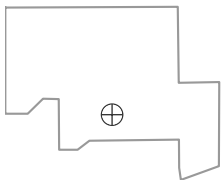
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

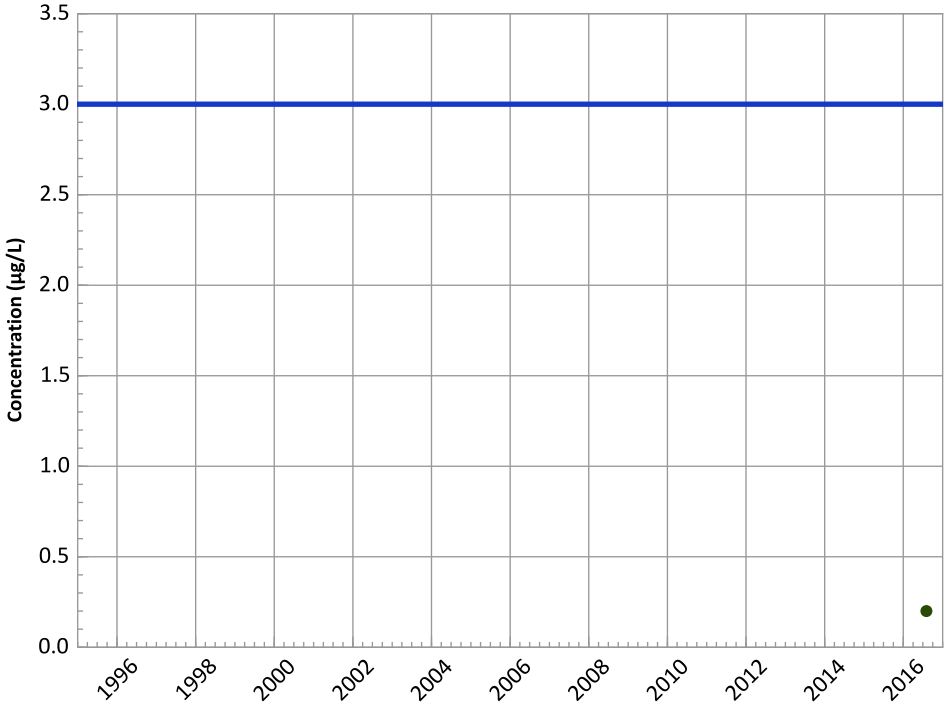
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Mercury Trend

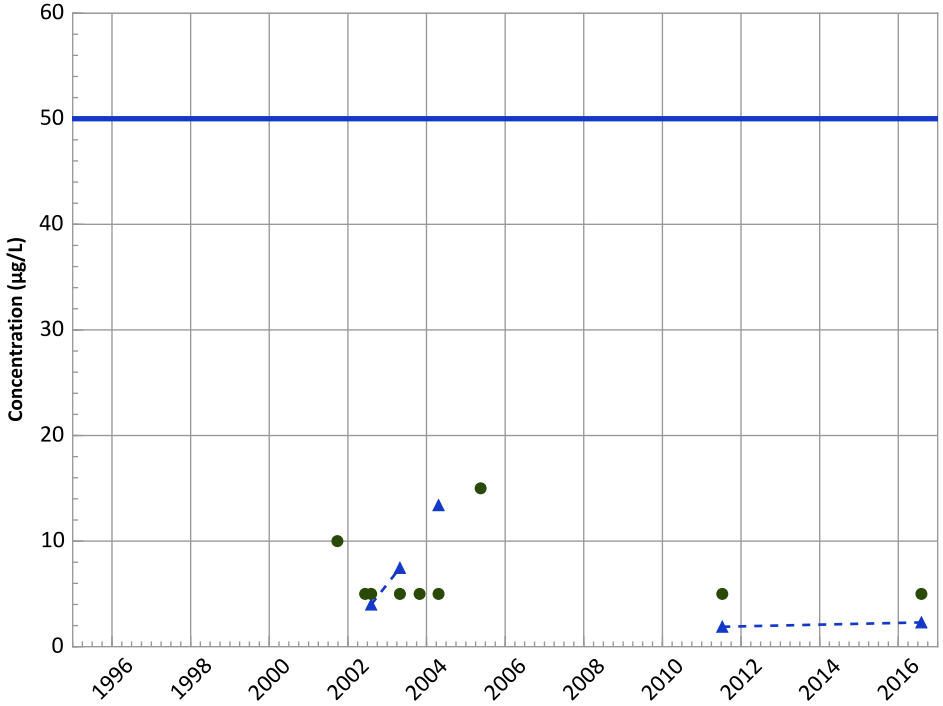


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Selenium Trend



Concentration Trend

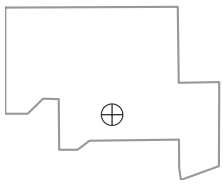
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

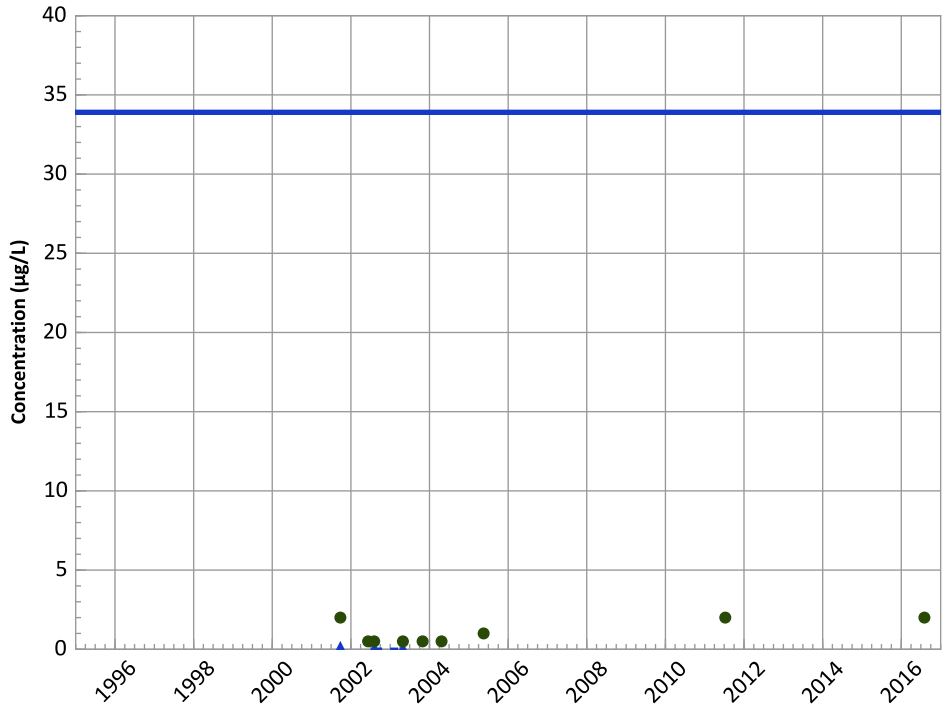
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Thallium Trend

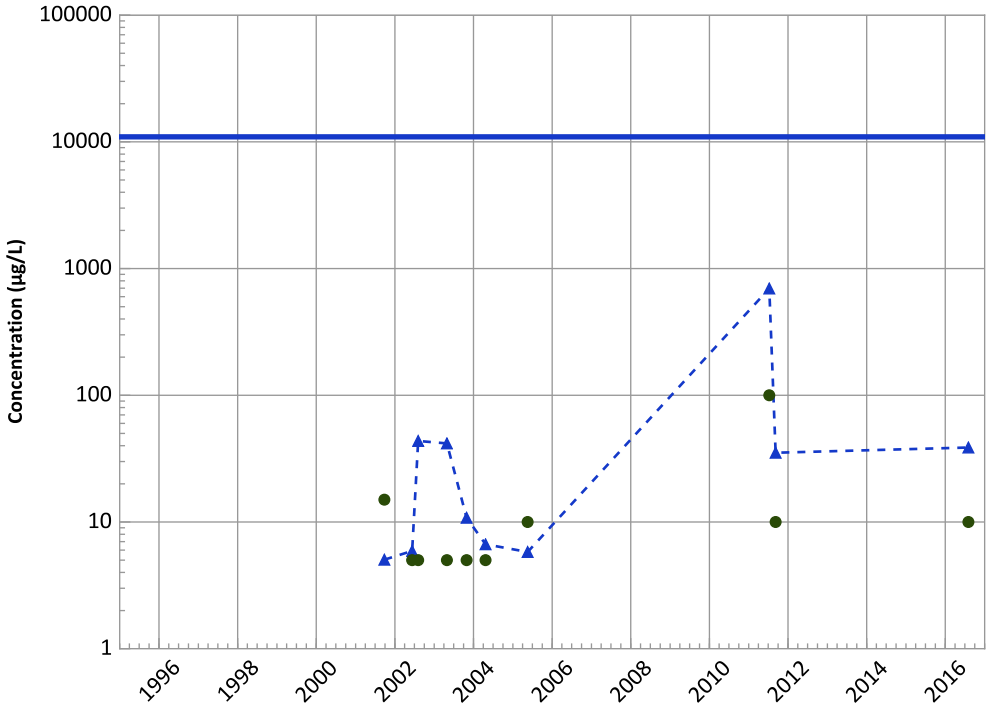


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Zinc Trend



Concentration Trend

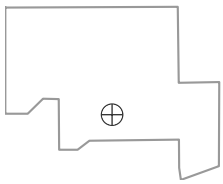
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

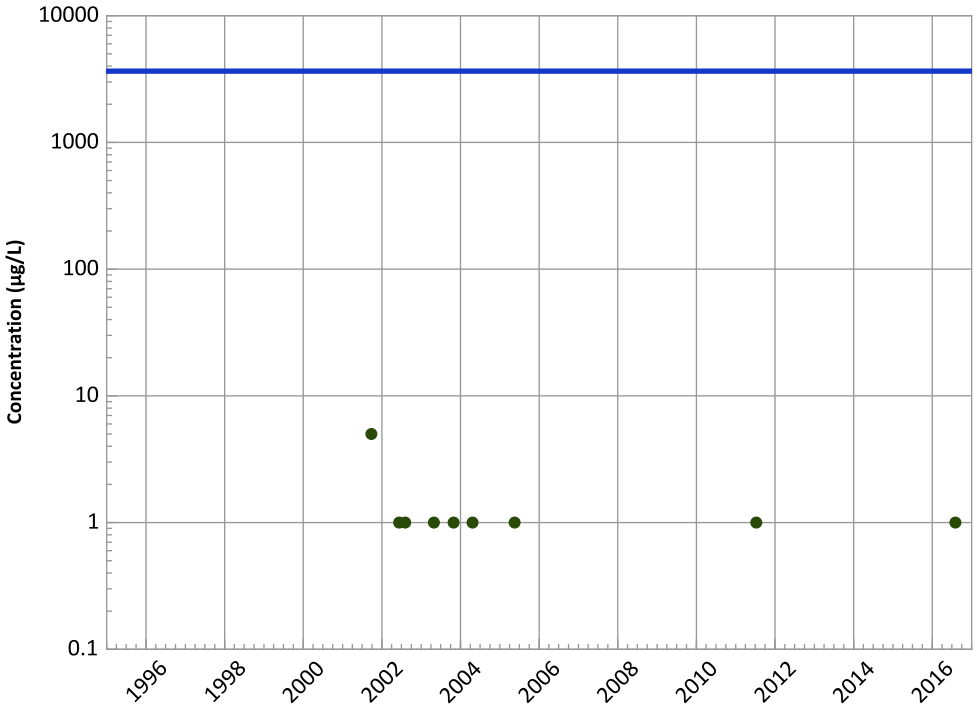
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1-Dichloroethane Trend

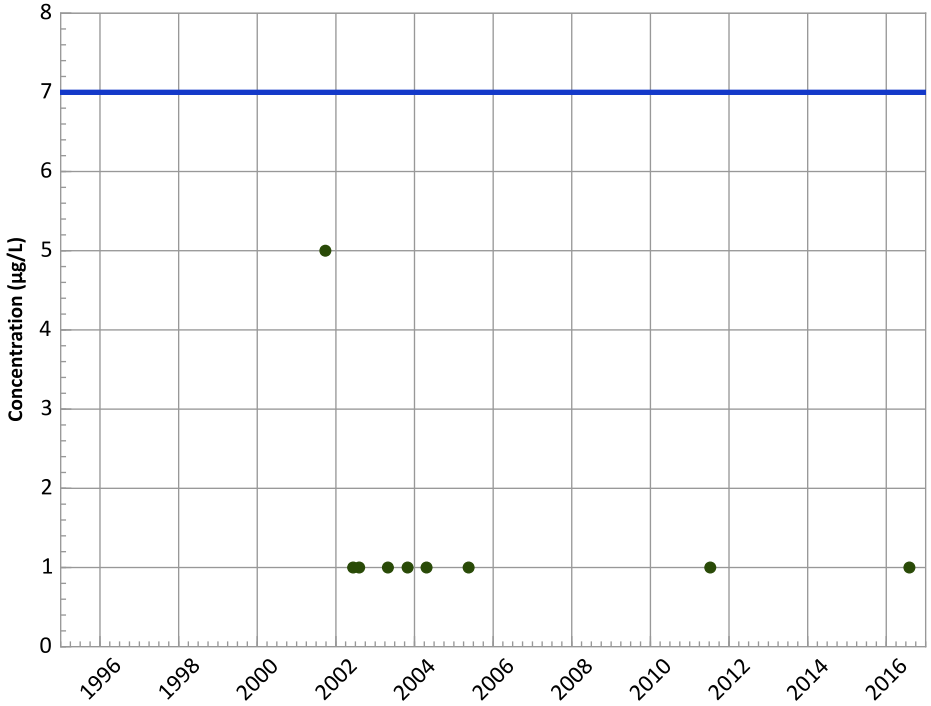


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1-Dichloroethene Trend



Concentration Trend

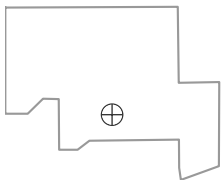
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

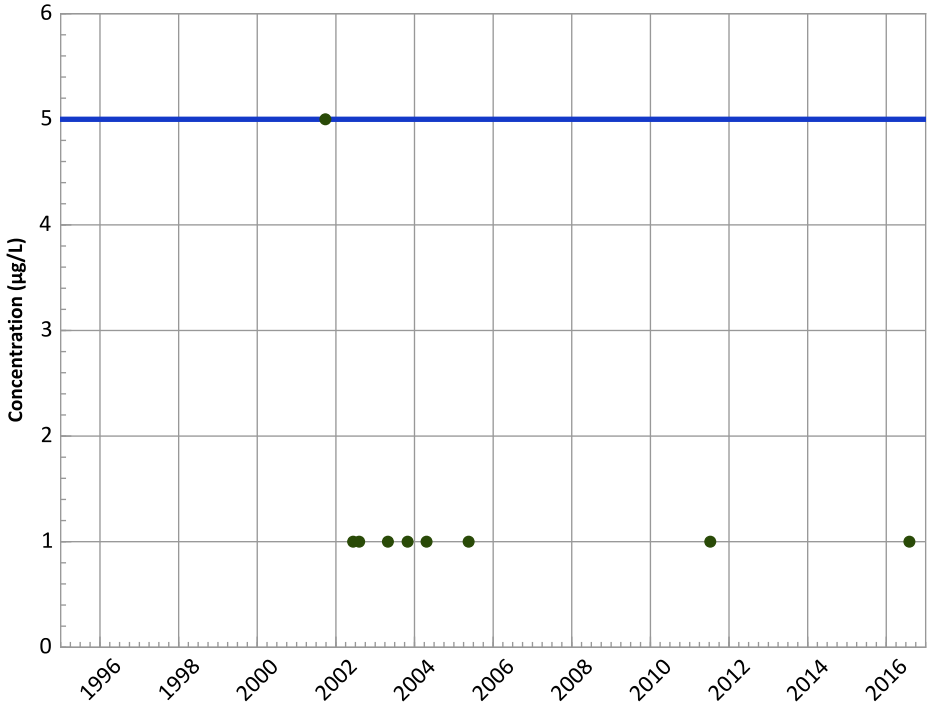
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1,2,2-Tetrachloroethane Trend

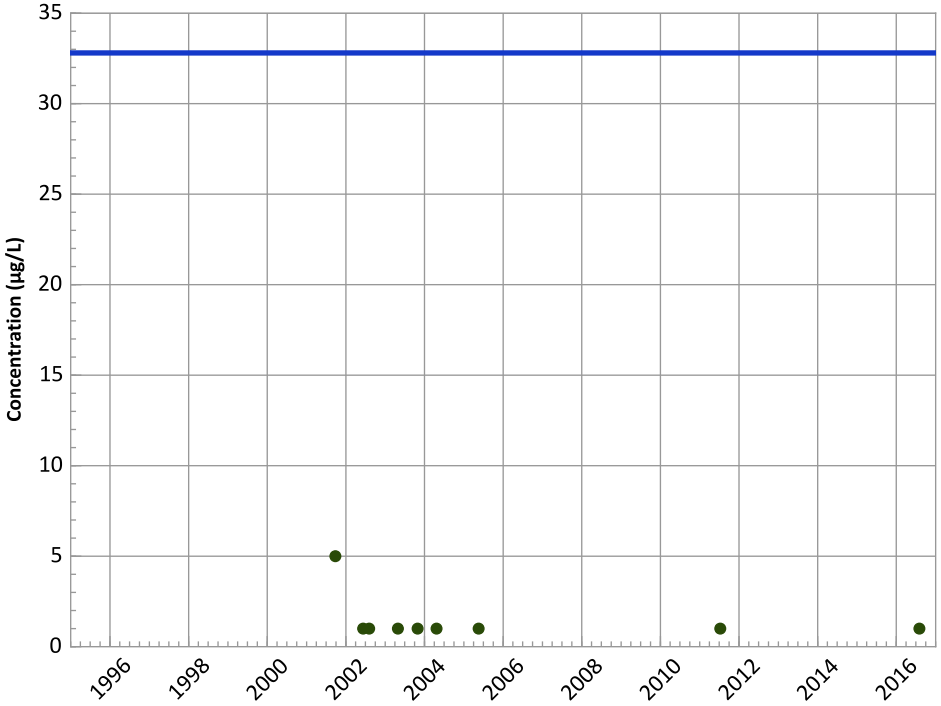


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1,1,2-Tetrachloroethane Trend



Concentration Trend

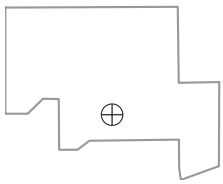
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

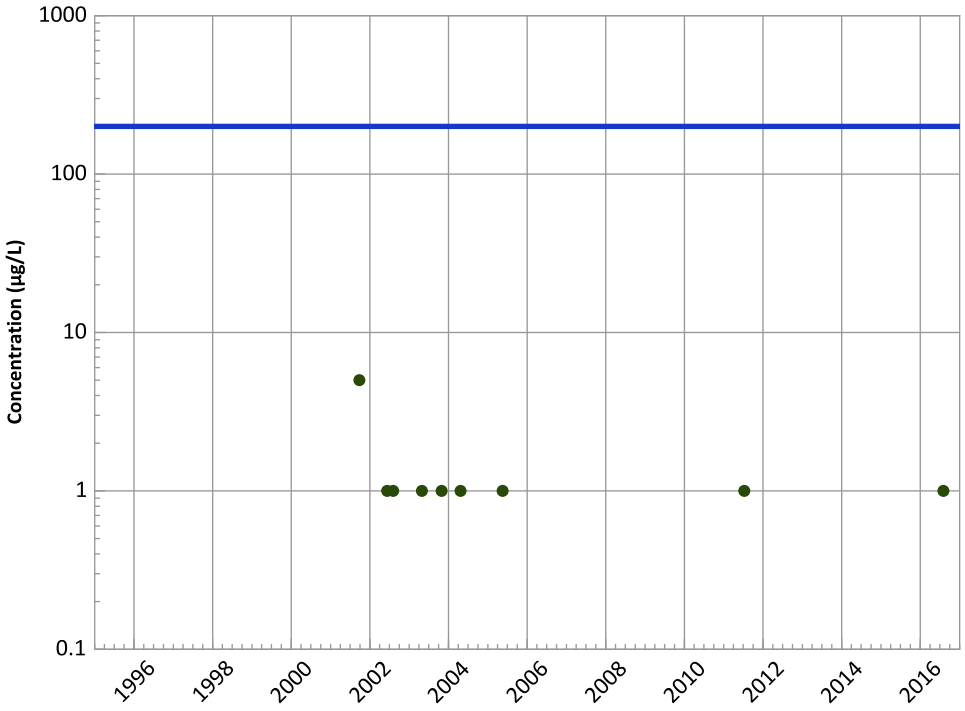
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1,1-Trichloroethane Trend

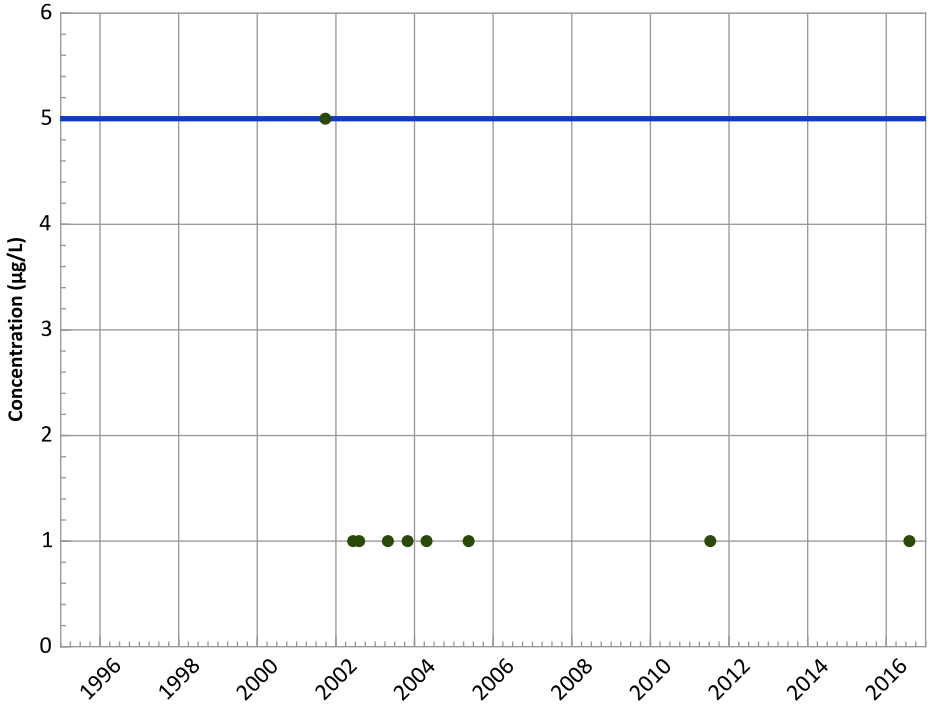


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1,2-Trichloroethane Trend



Concentration Trend

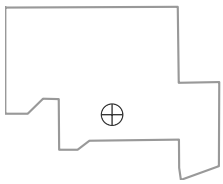
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

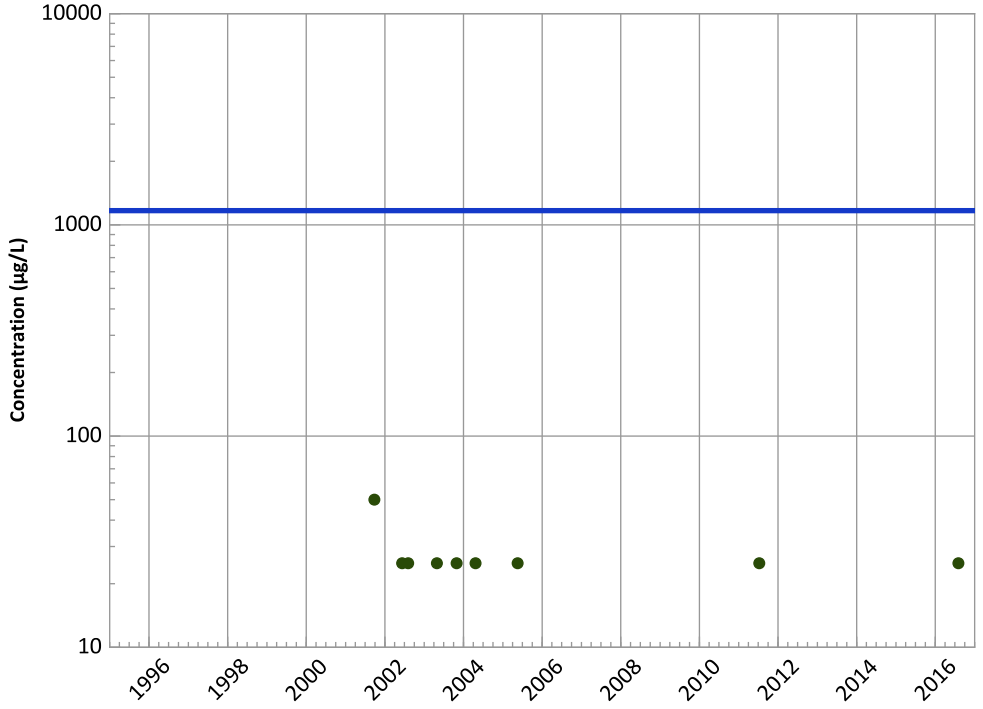
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Acetonitrile Trend

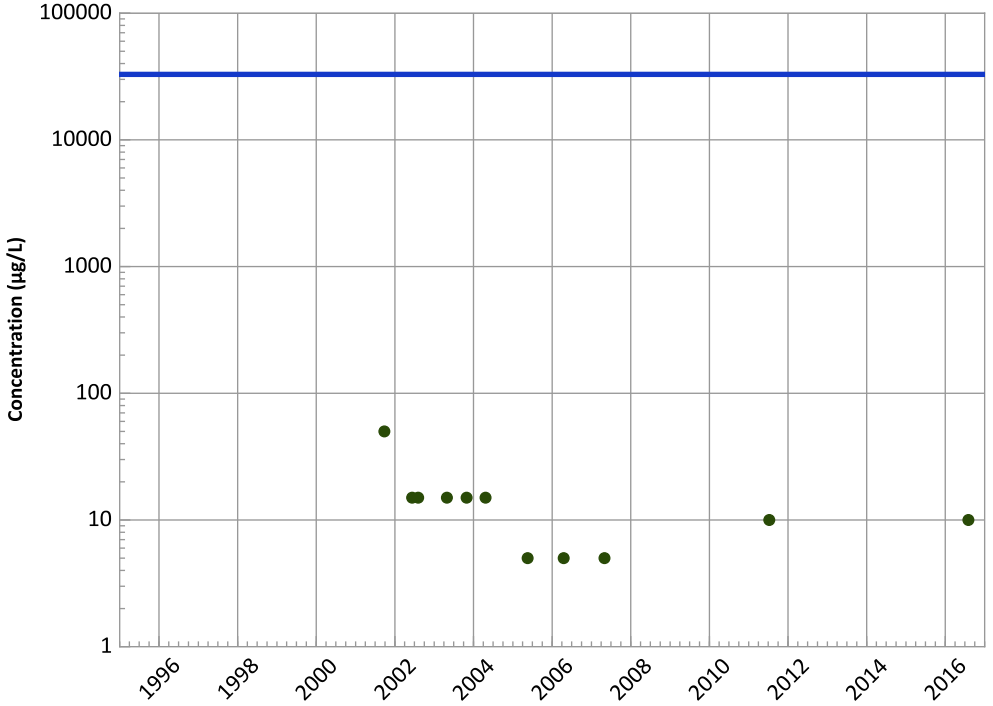


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Acetone Trend



Concentration Trend

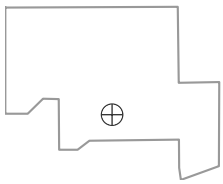
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

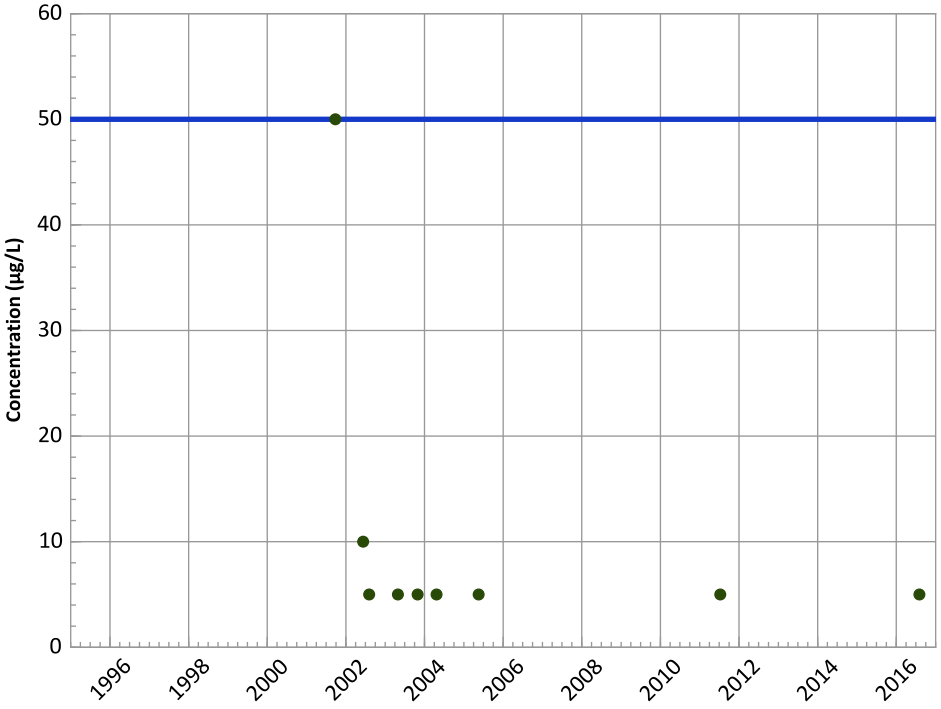
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Acrolein Trend

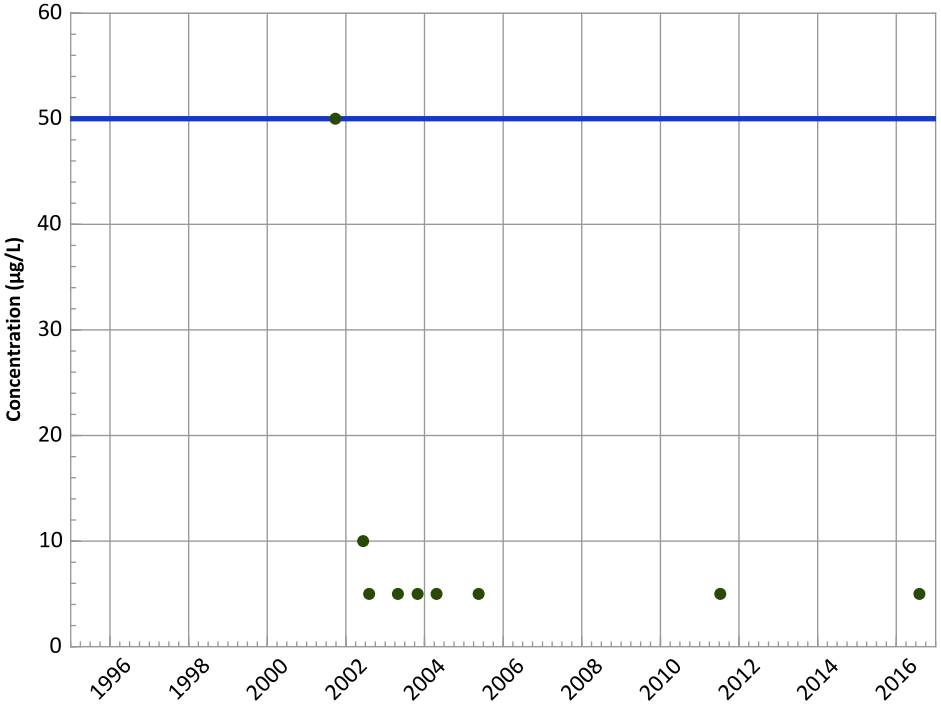


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Acrylonitrile Trend



Concentration Trend

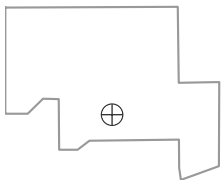
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

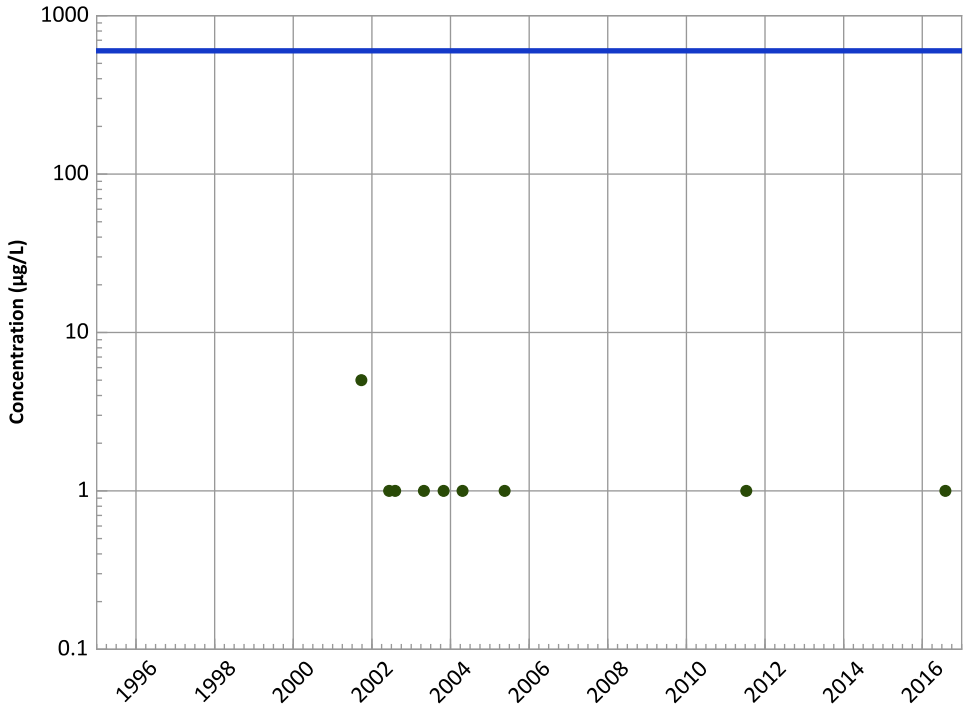
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichlorobenzene Trend

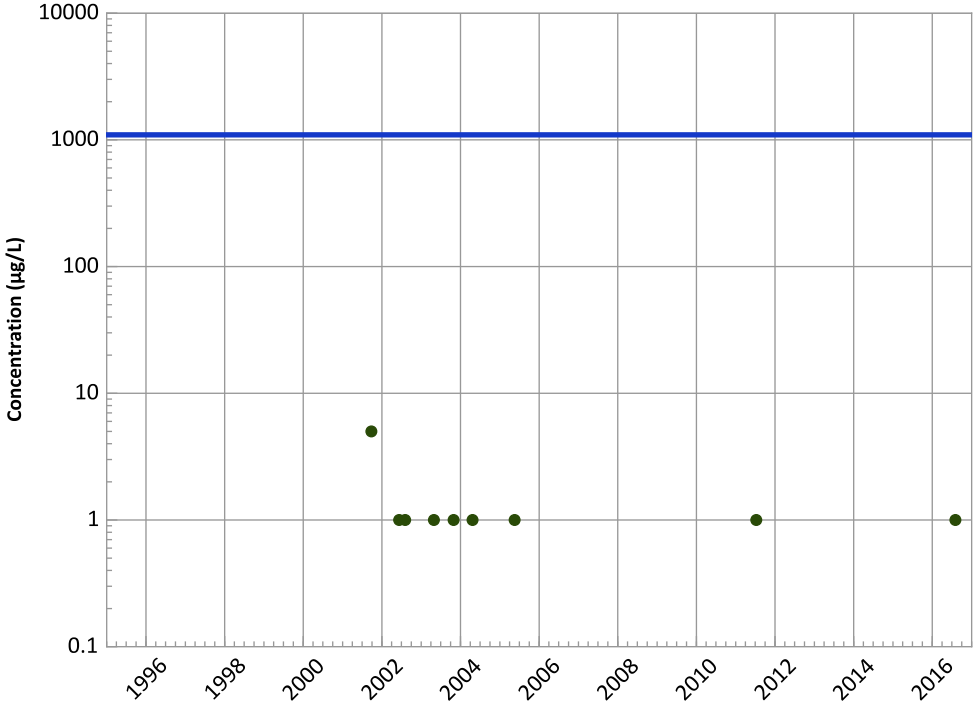


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,3-Dichlorobenzene Trend



Concentration Trend

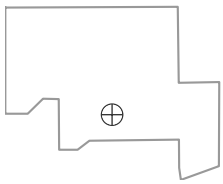
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

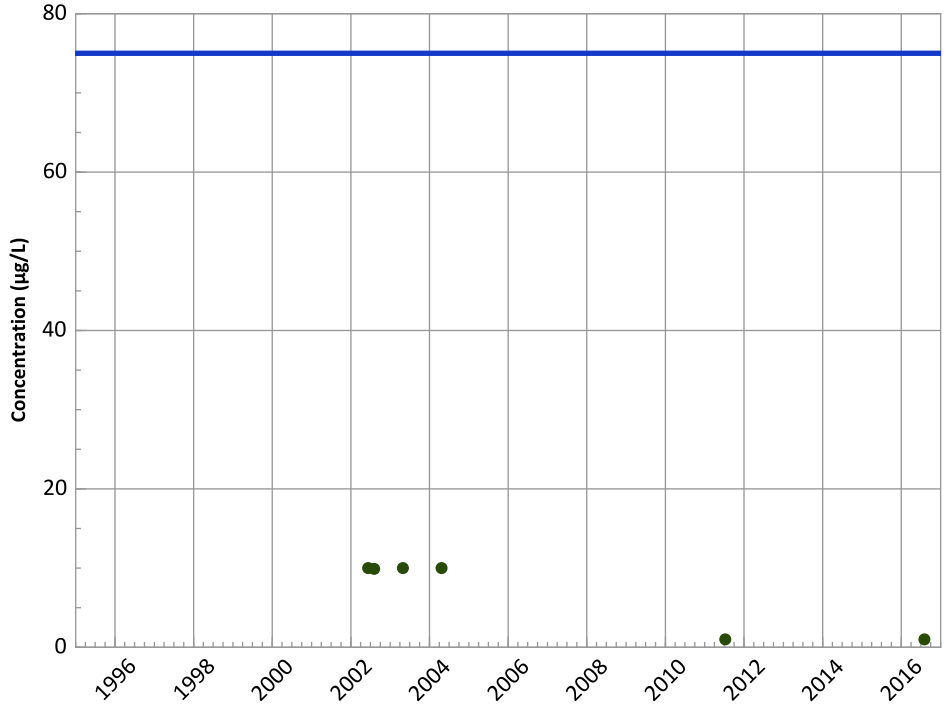
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,4-Dichlorobenzene Trend

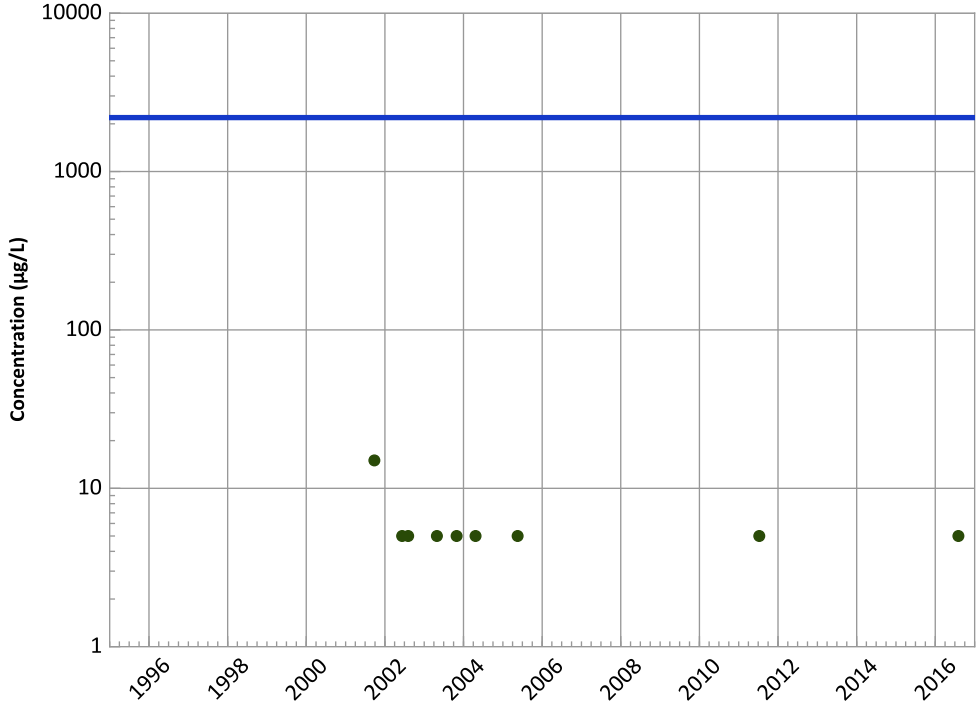


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2-Hexanone Trend



Concentration Trend

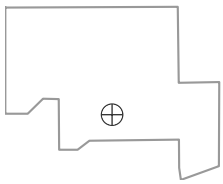
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

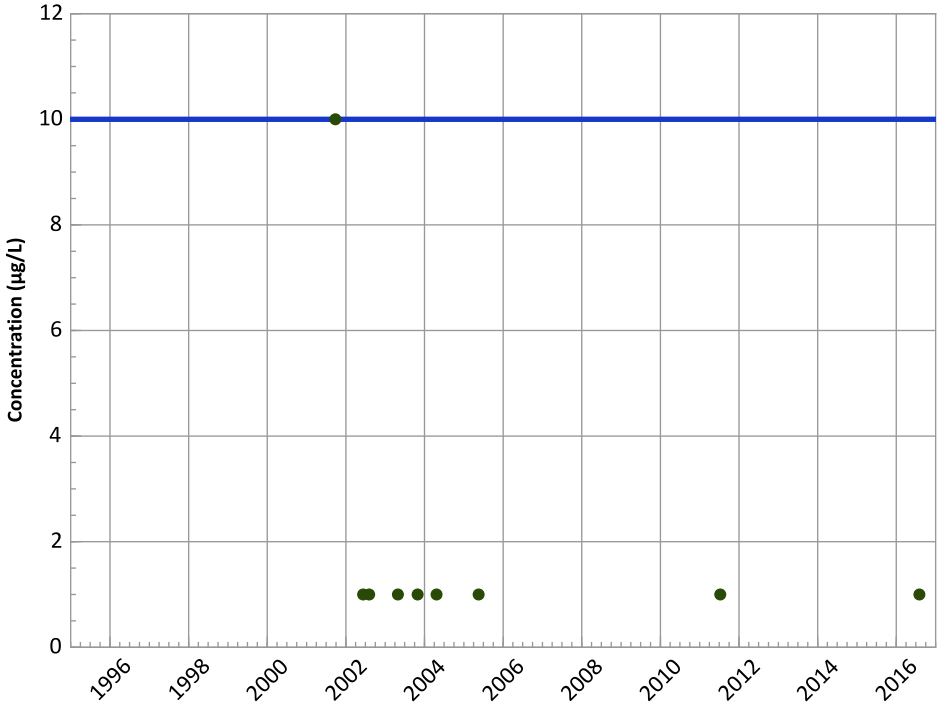
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2,3-Trichloropropane Trend

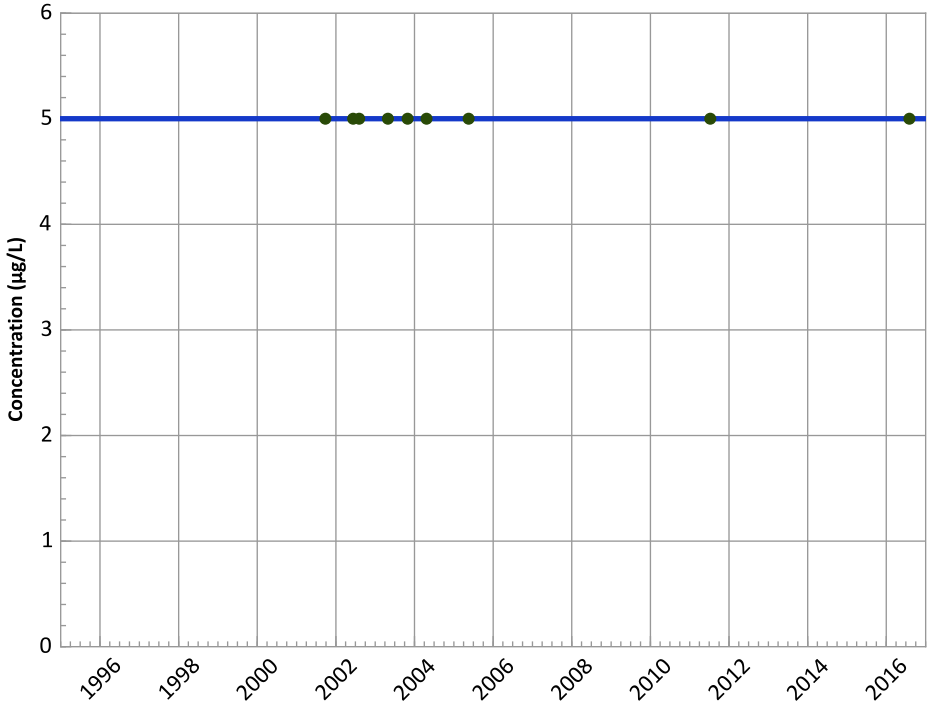


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Allyl Chloride Trend



Concentration Trend

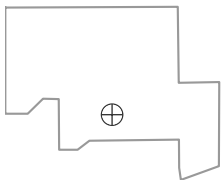
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

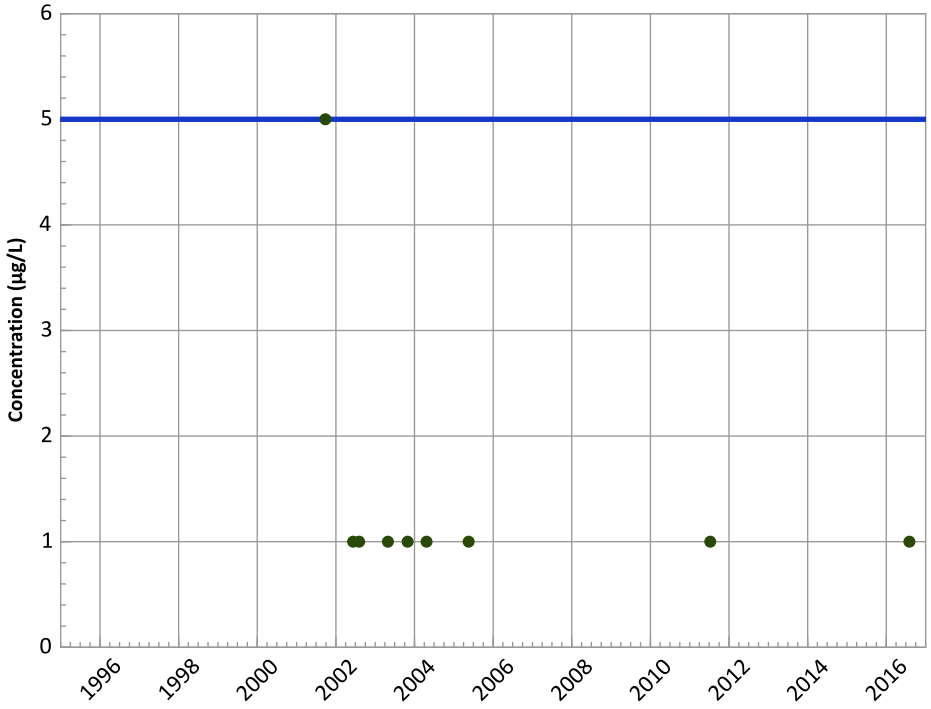
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Benzene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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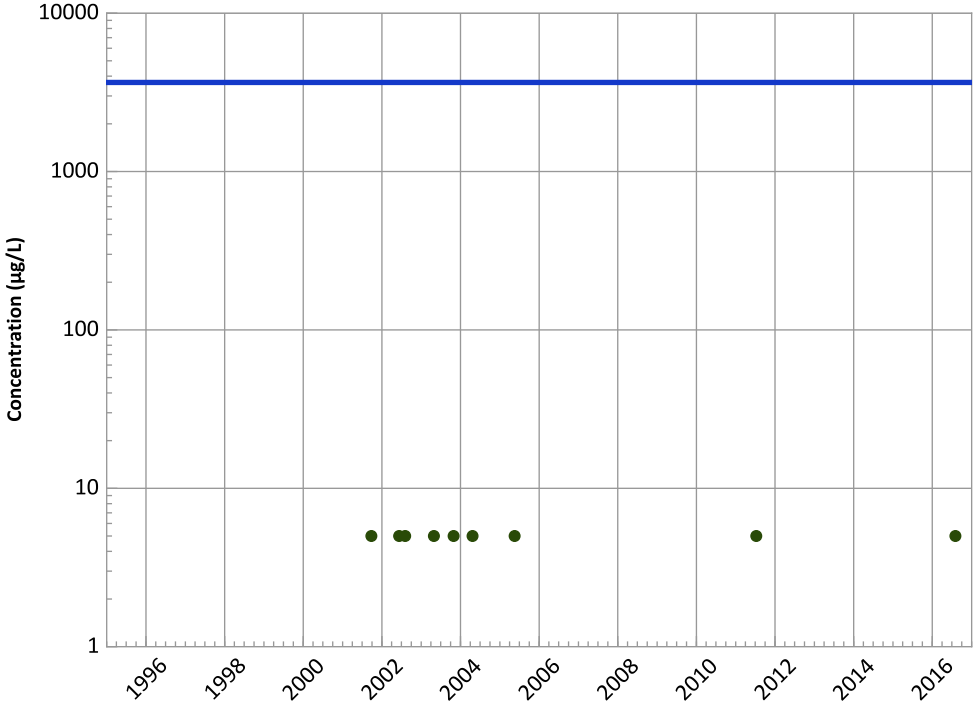
All Data
All Non-Detect

Carbon Disulfide Trend



Concentration Trend

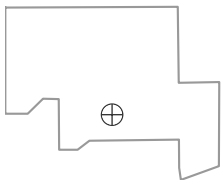
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

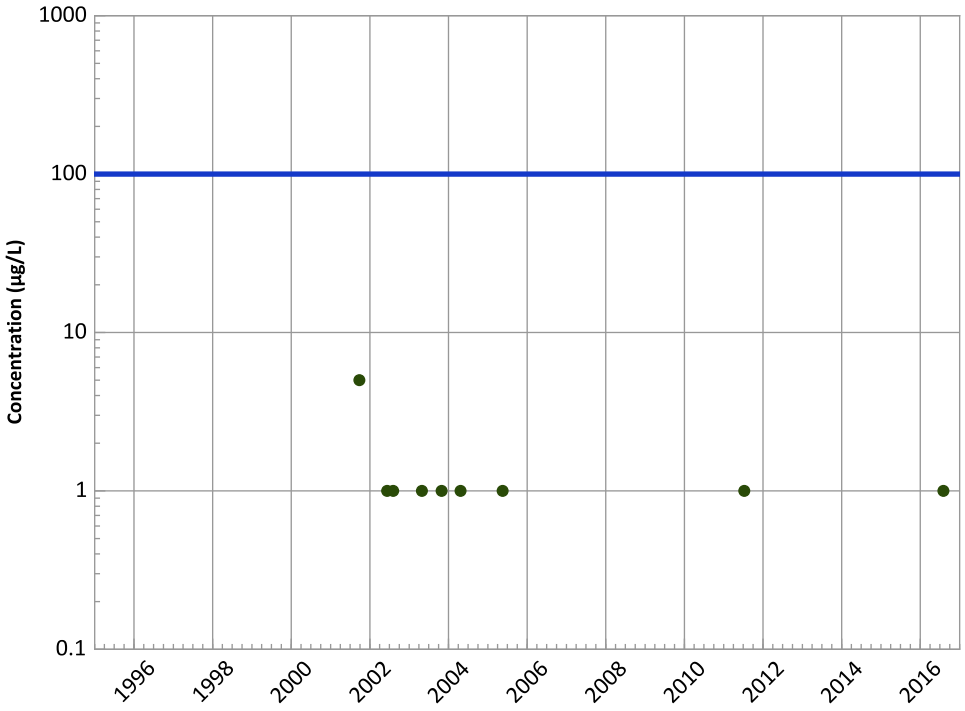
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chlorobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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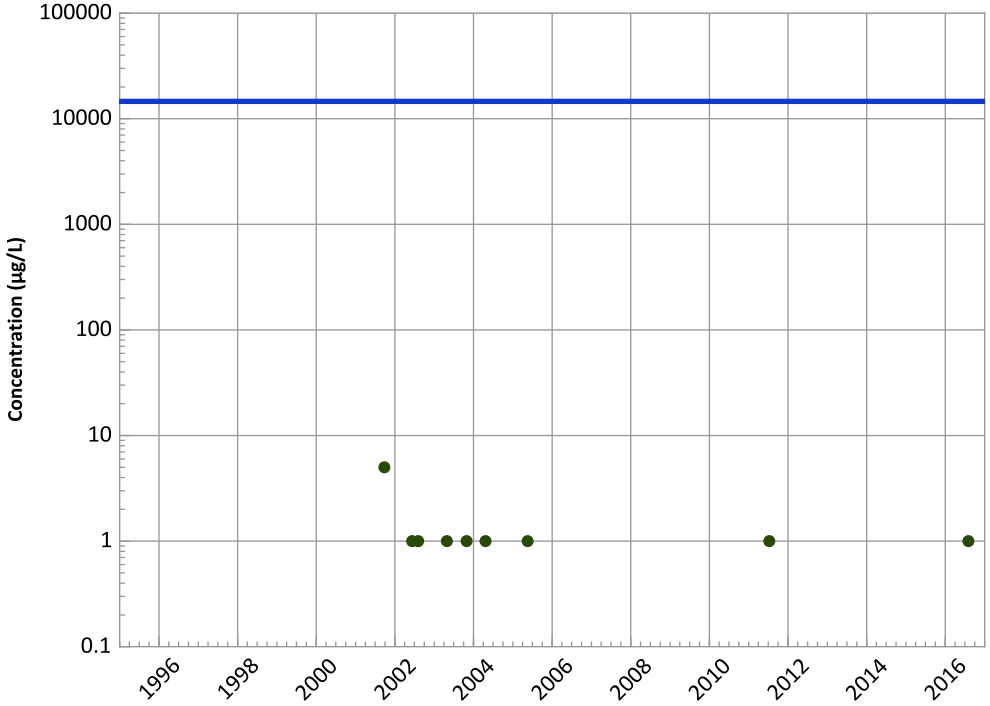
All Data
All Non-Detect

Chloroethane Trend



Concentration Trend

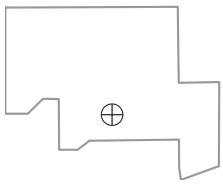
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

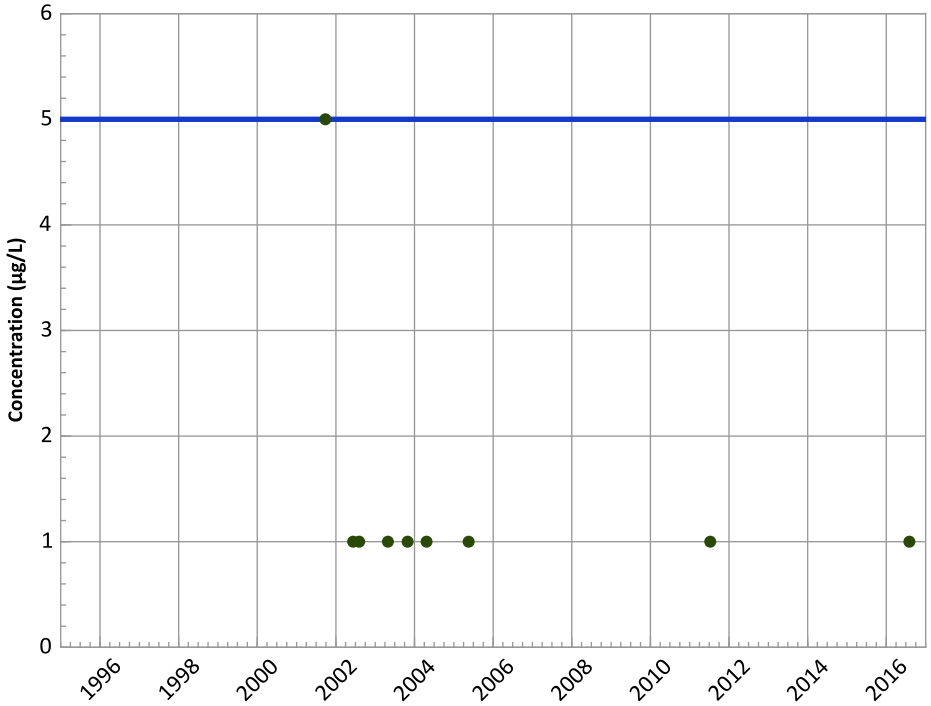
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Carbon Tetrachloride Trend

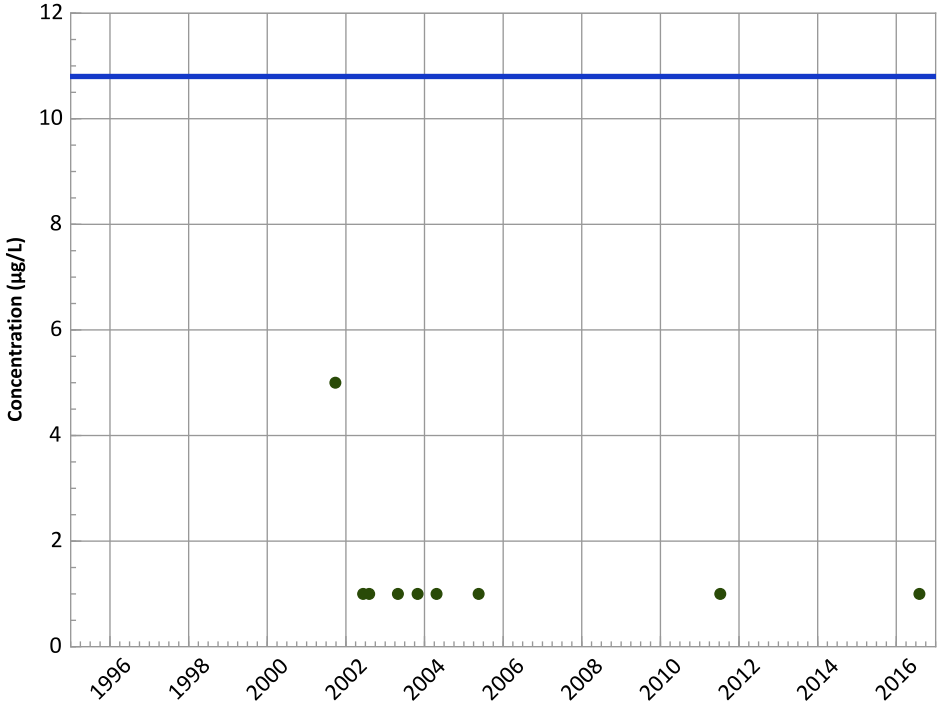


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Bromoform Trend

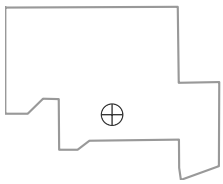


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Well Location

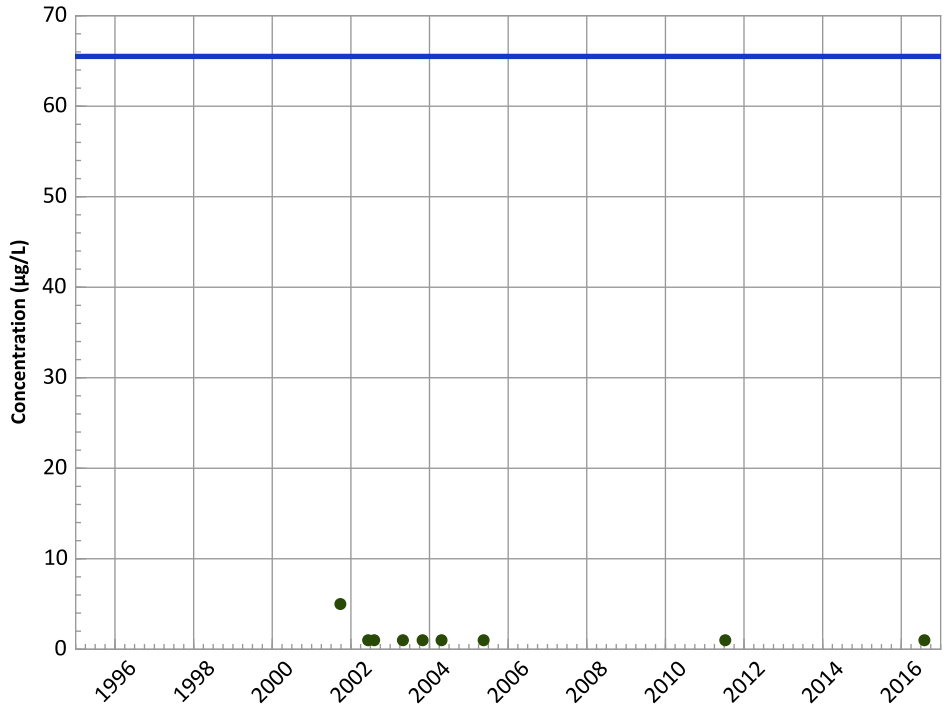


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloromethane Trend

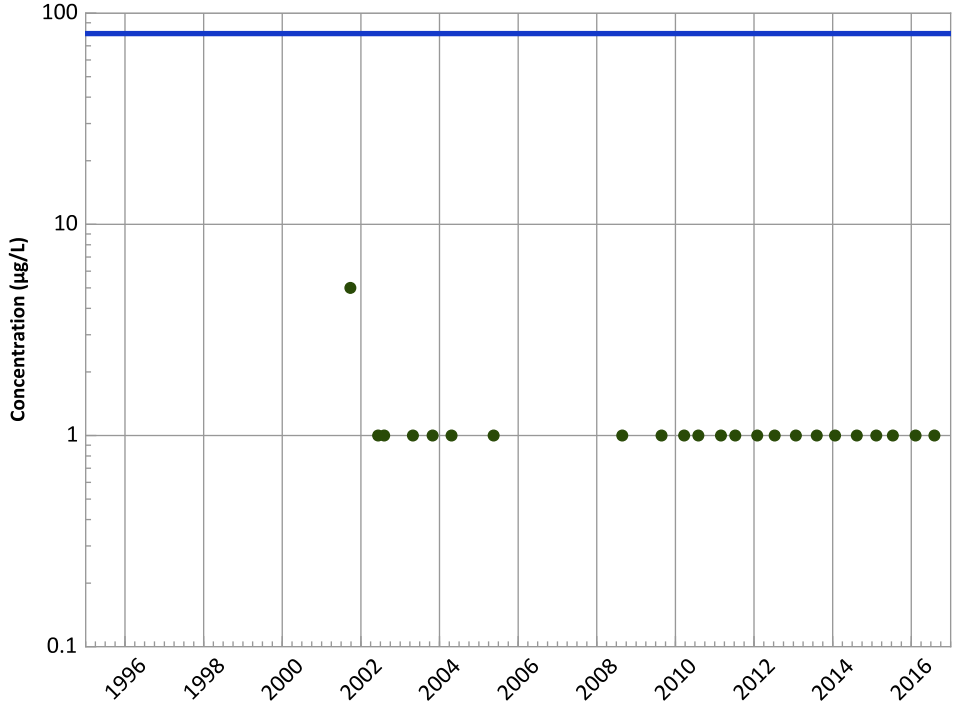


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Chloroform Trend



Concentration Trend

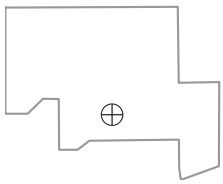
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

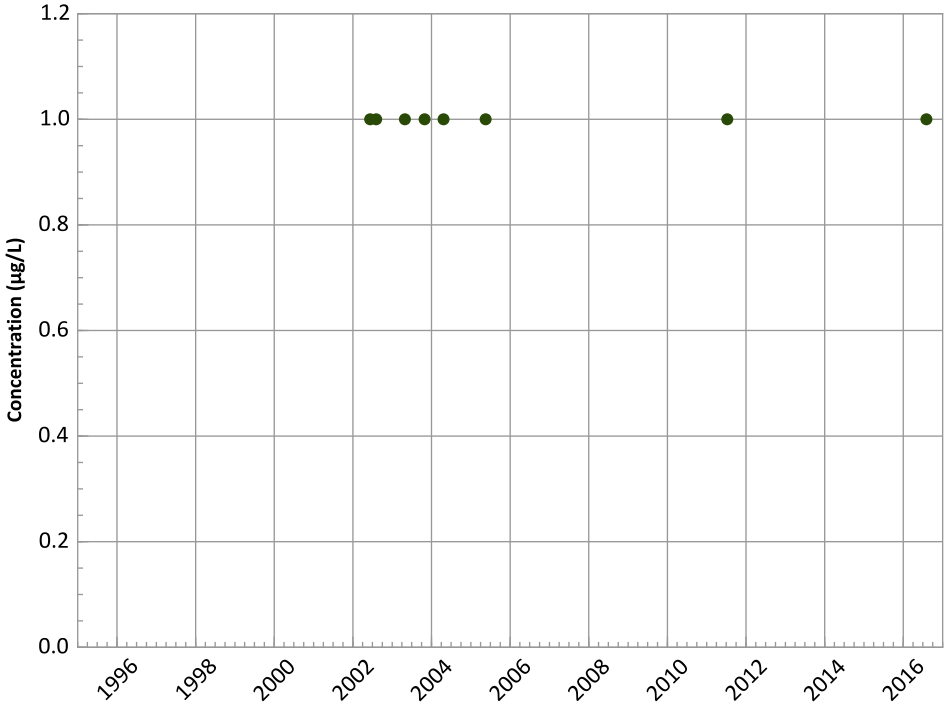
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2-Chloro-1,3-Butadiene Trend

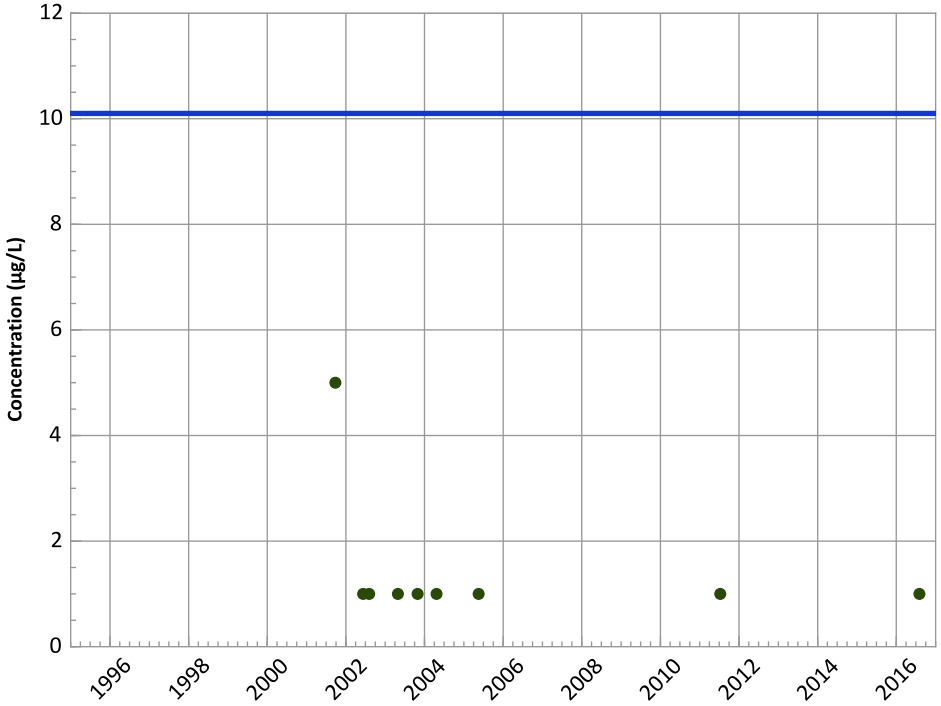


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Dibromochloromethane Trend



Concentration Trend

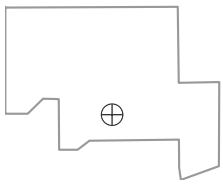
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

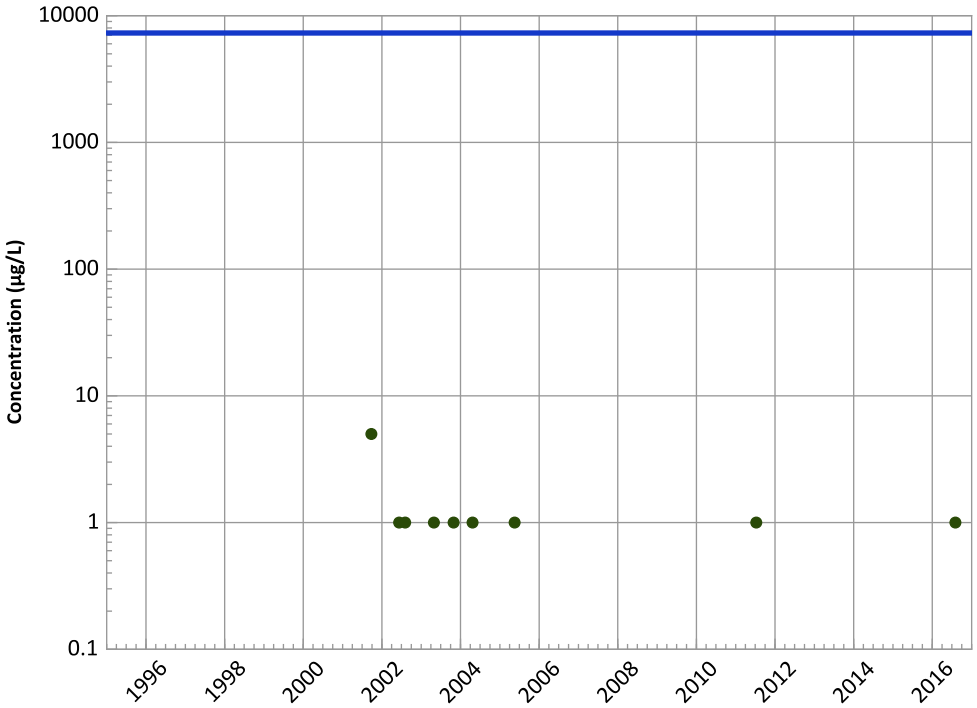
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Dichlorodifluoromethane Trend

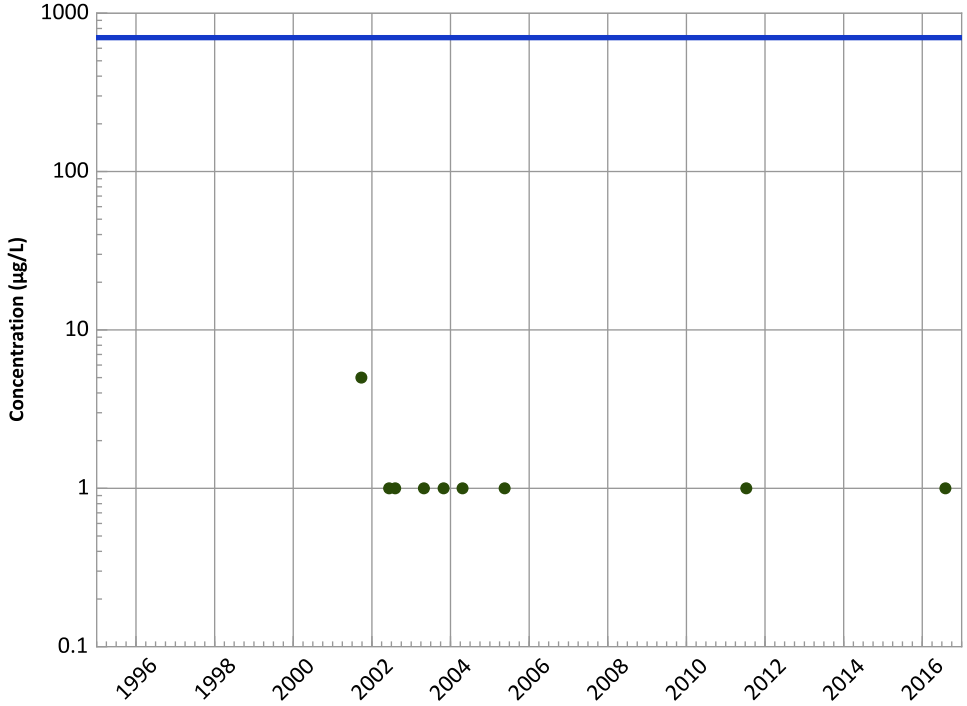


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Ethylbenzene Trend



Concentration Trend

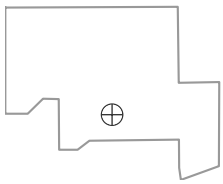
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

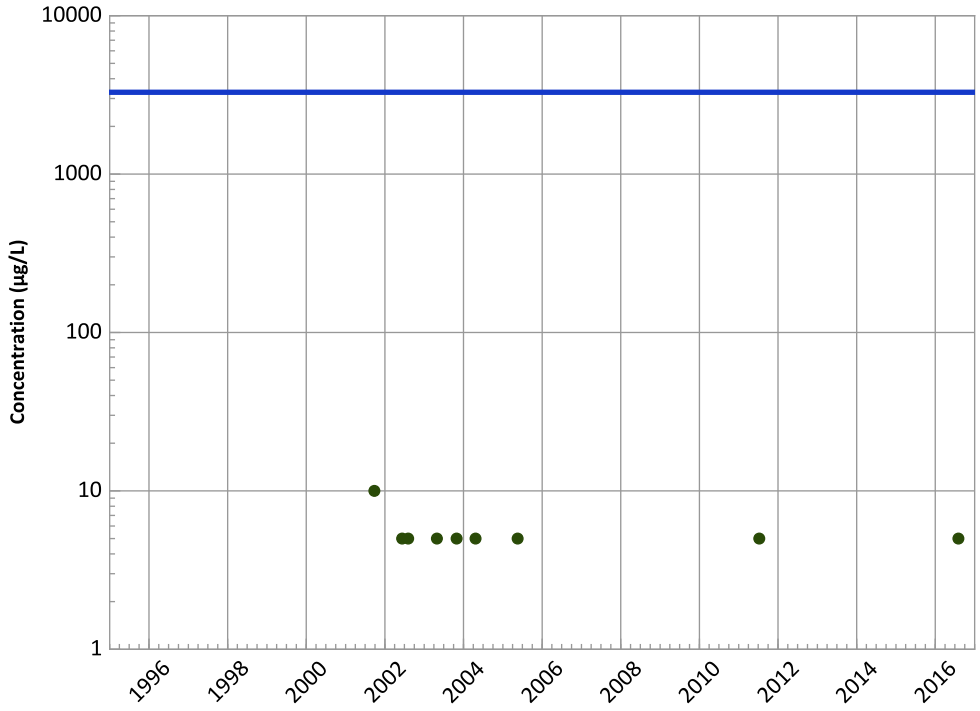
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Ethyl Methacrylate Trend

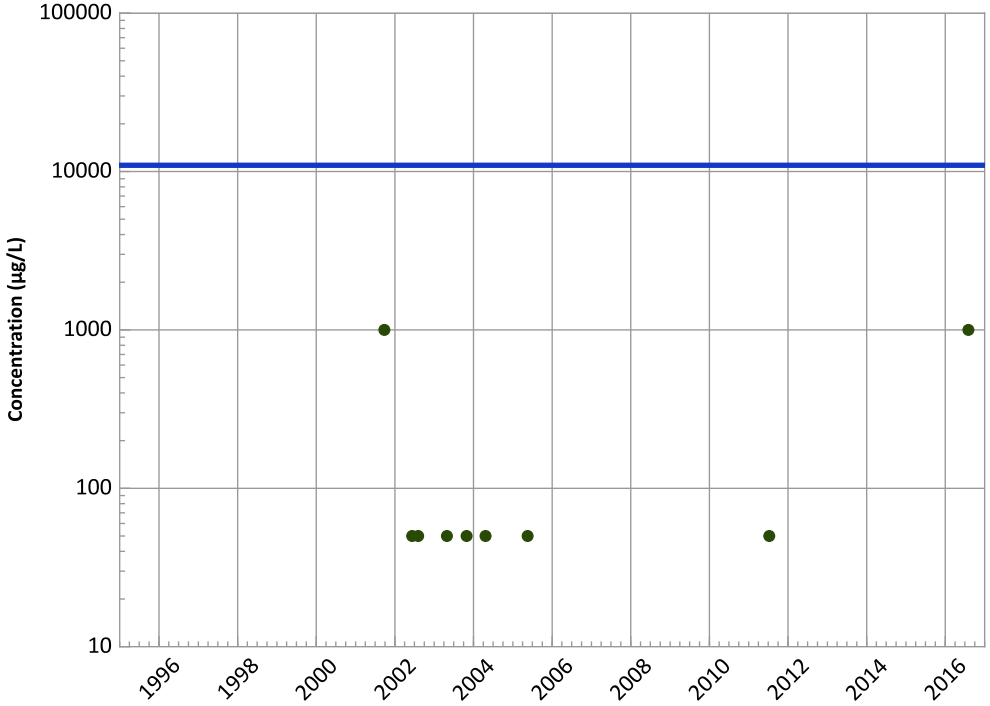


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Isobutanol Trend



Concentration Trend

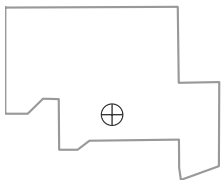
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

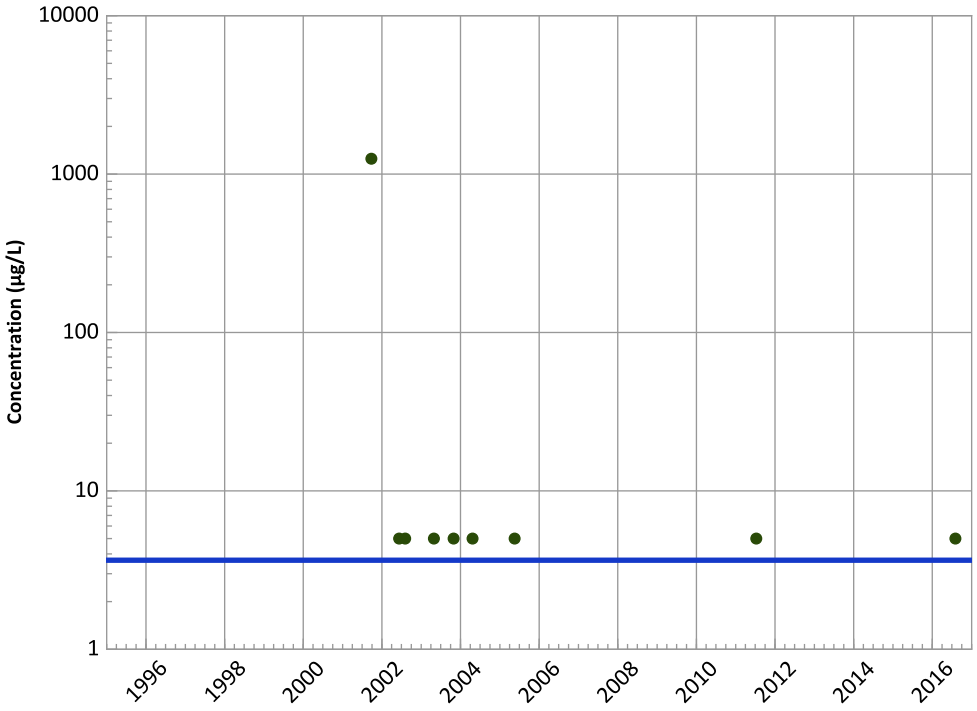
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methylacrylonitrile Trend

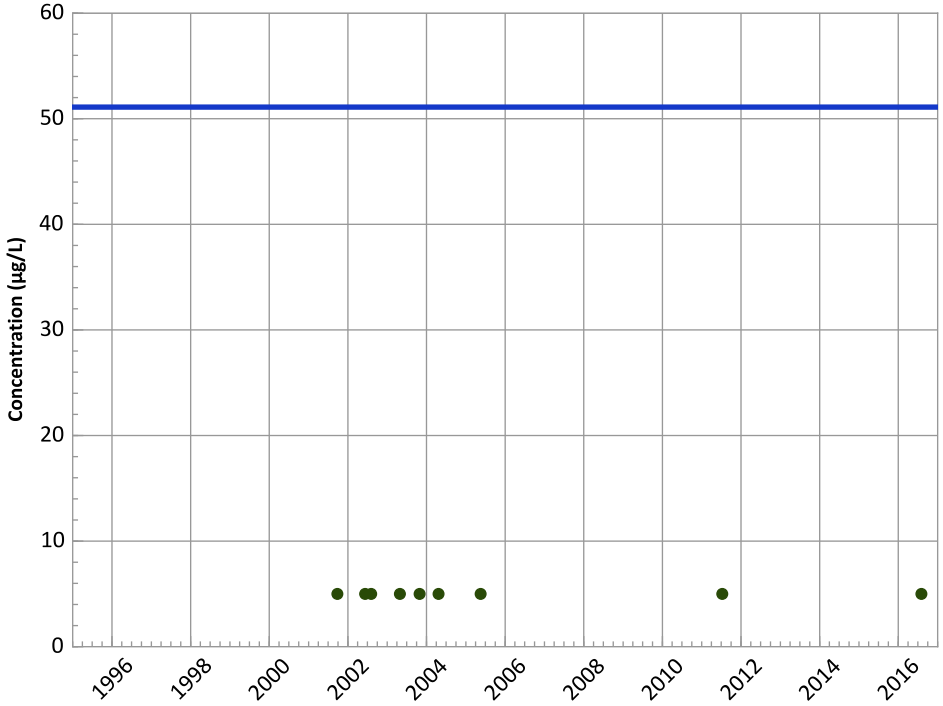


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Iodomethane (Methyl Iodide) Trend



Concentration Trend

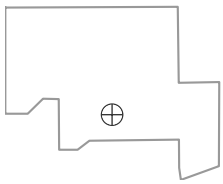
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

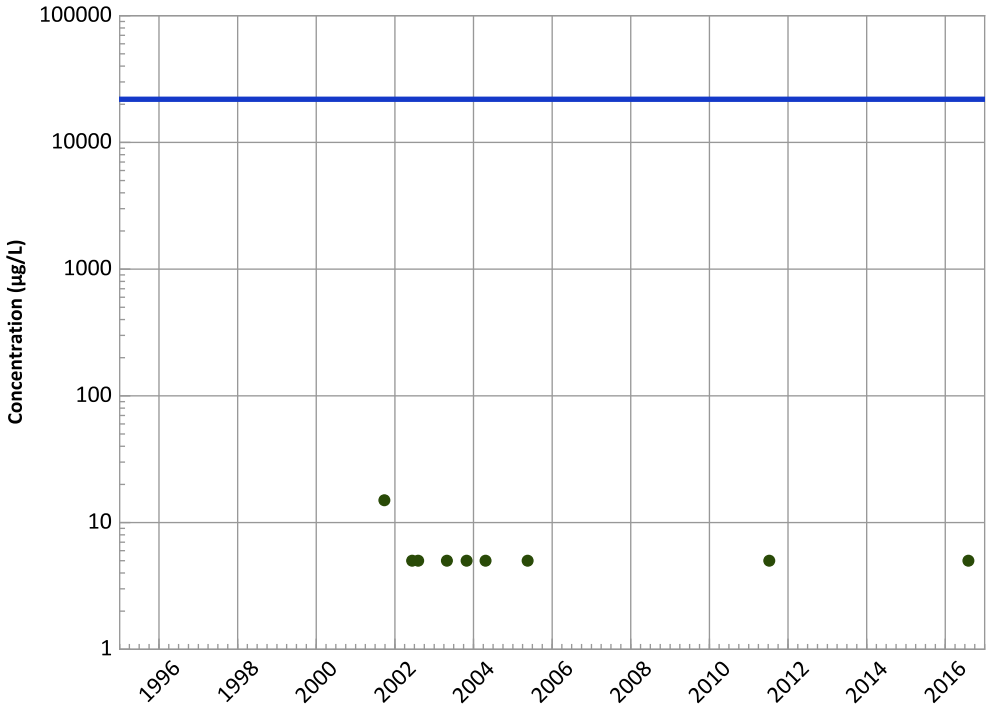
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methyl Ethyl Ketone (2-Butanone) Trend

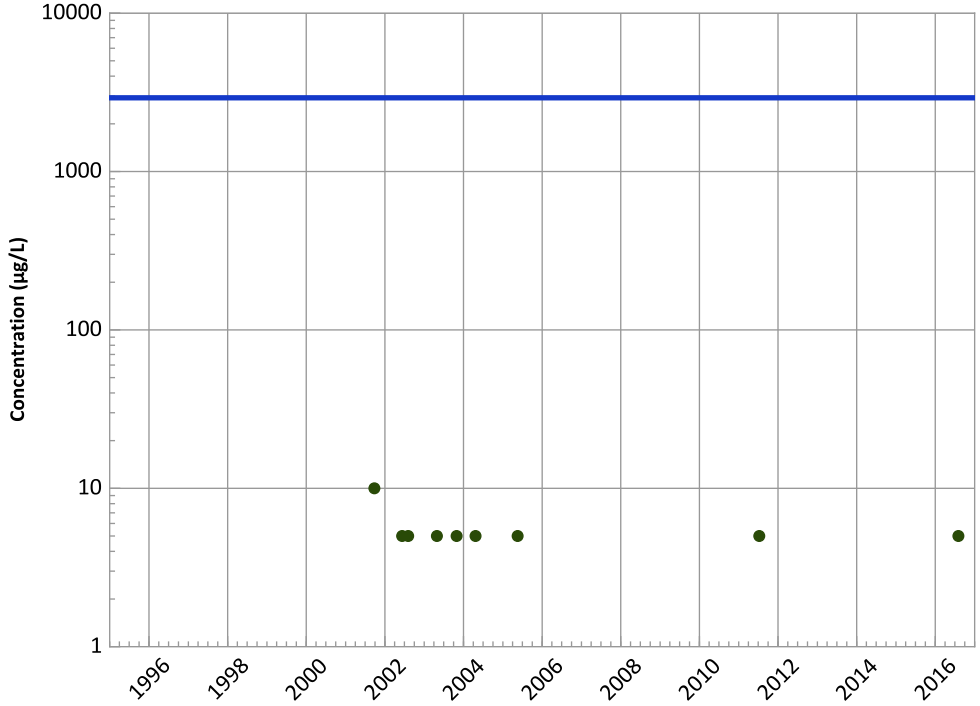


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) Trend



Concentration Trend

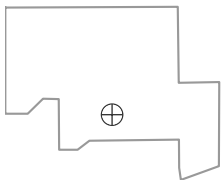
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

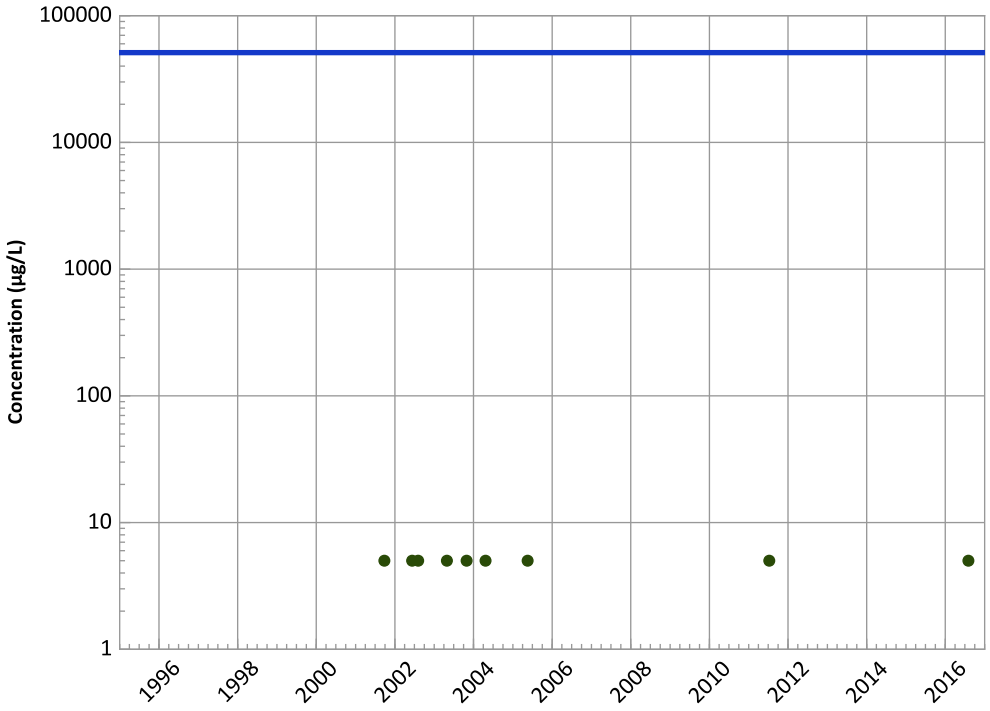
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methyl Methacrylate Trend

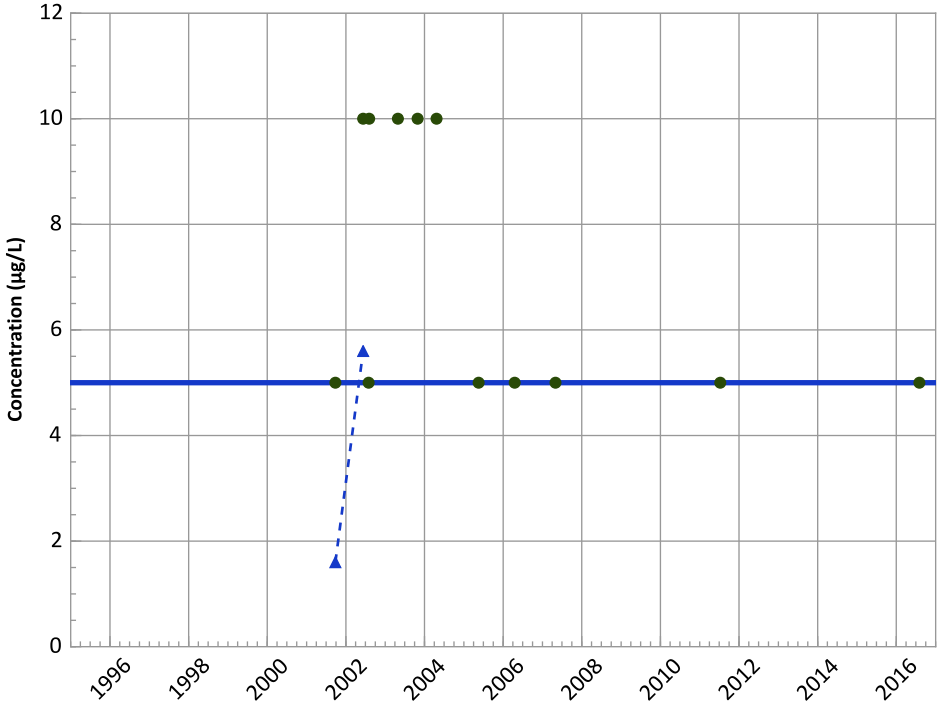


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methylene Chloride Trend



Concentration Trend

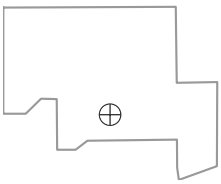
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

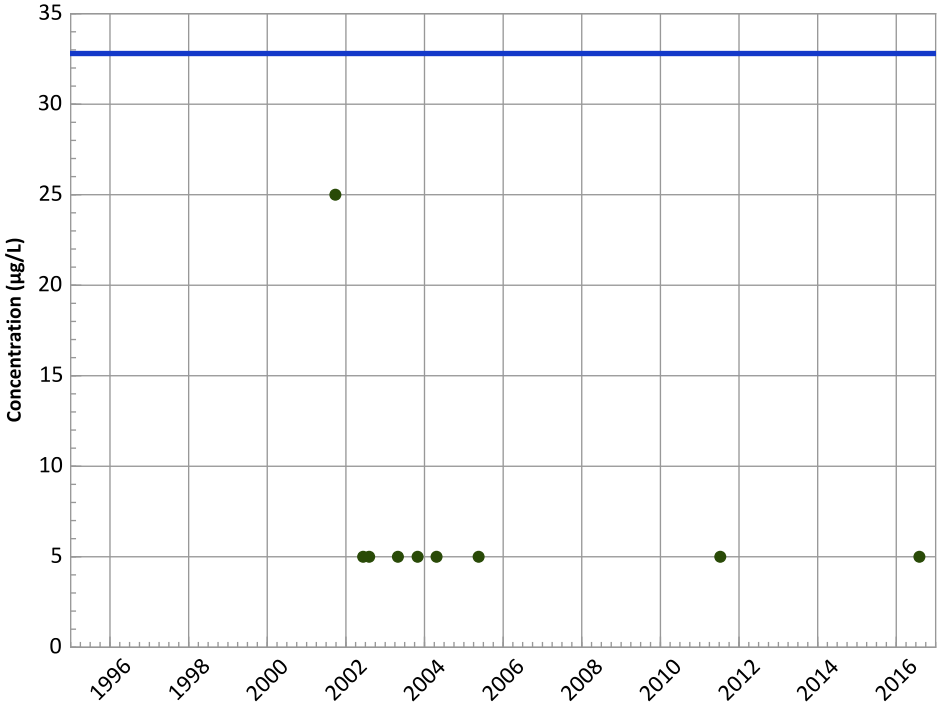
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Pentachloroethane Trend

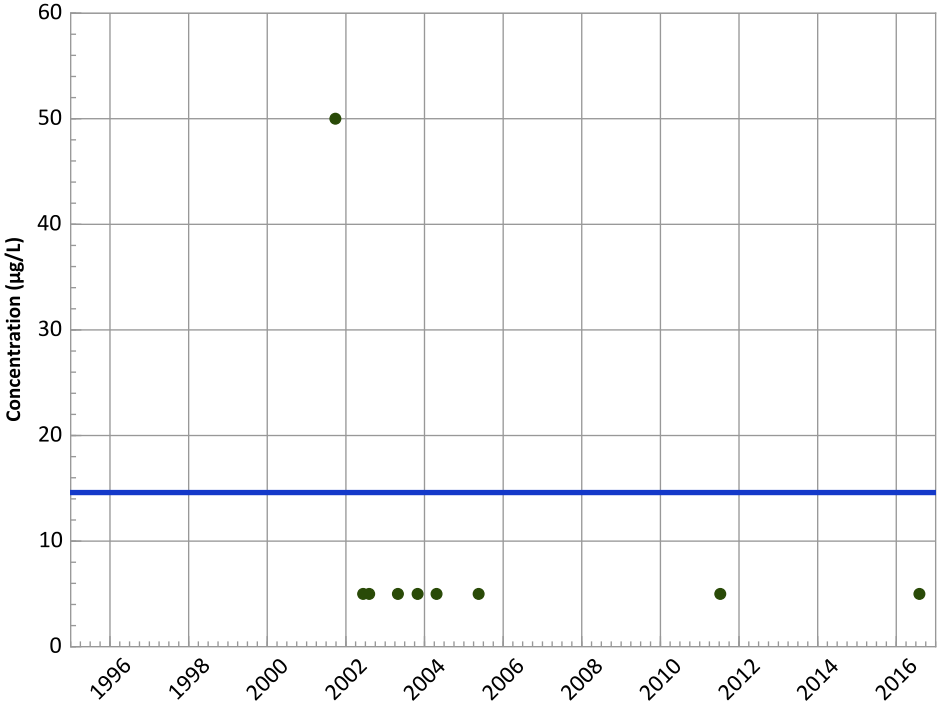


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Propane Nitrile (Propionitrile) Trend



Concentration Trend

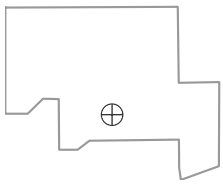
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

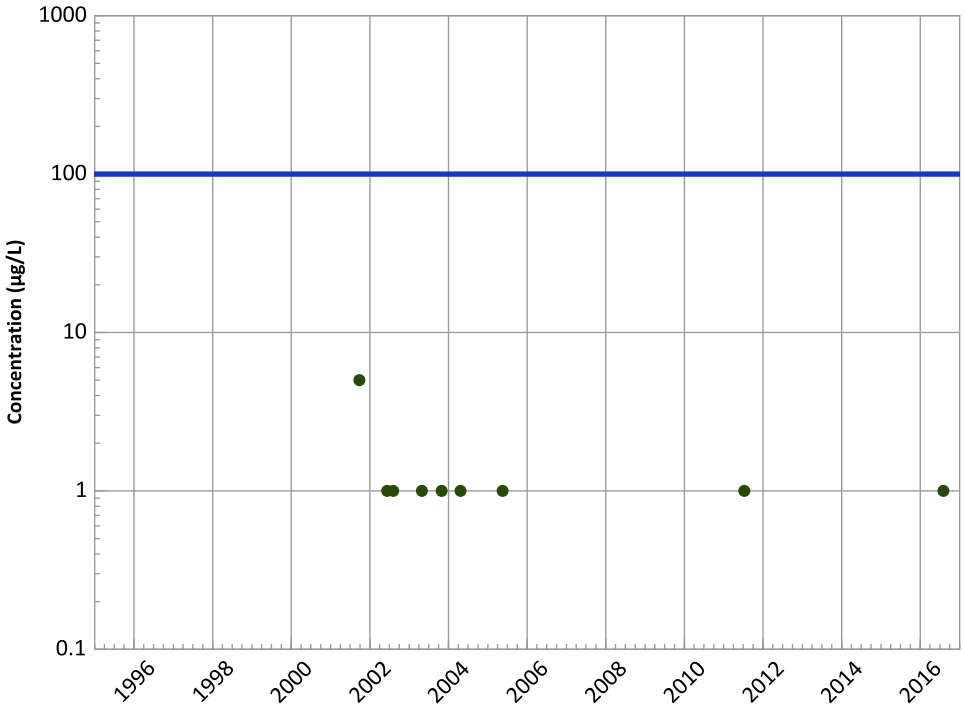
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Styrene Trend

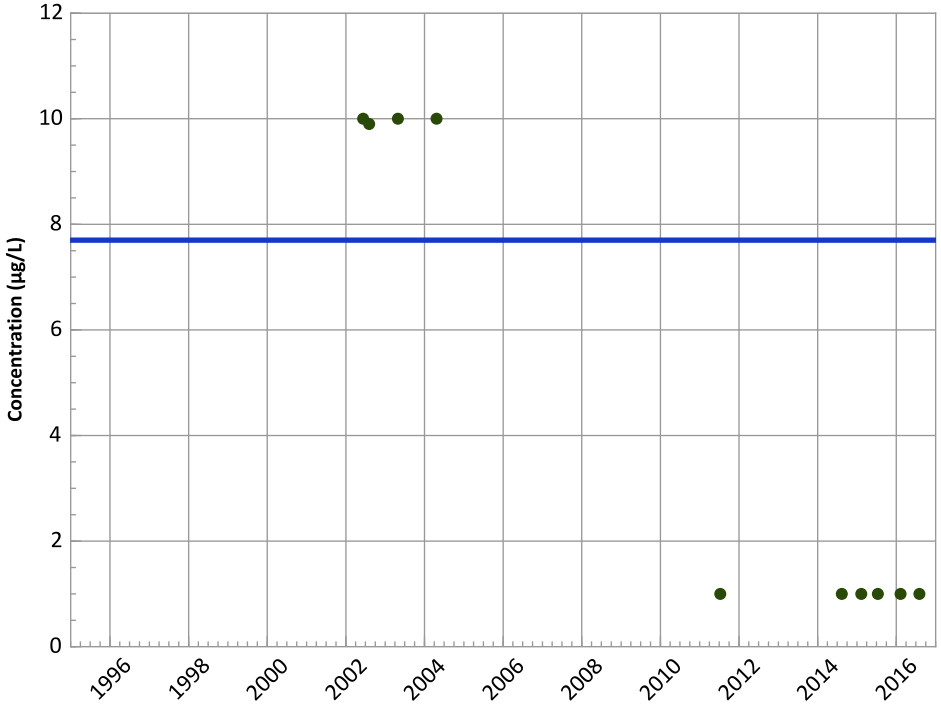


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

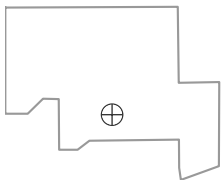
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

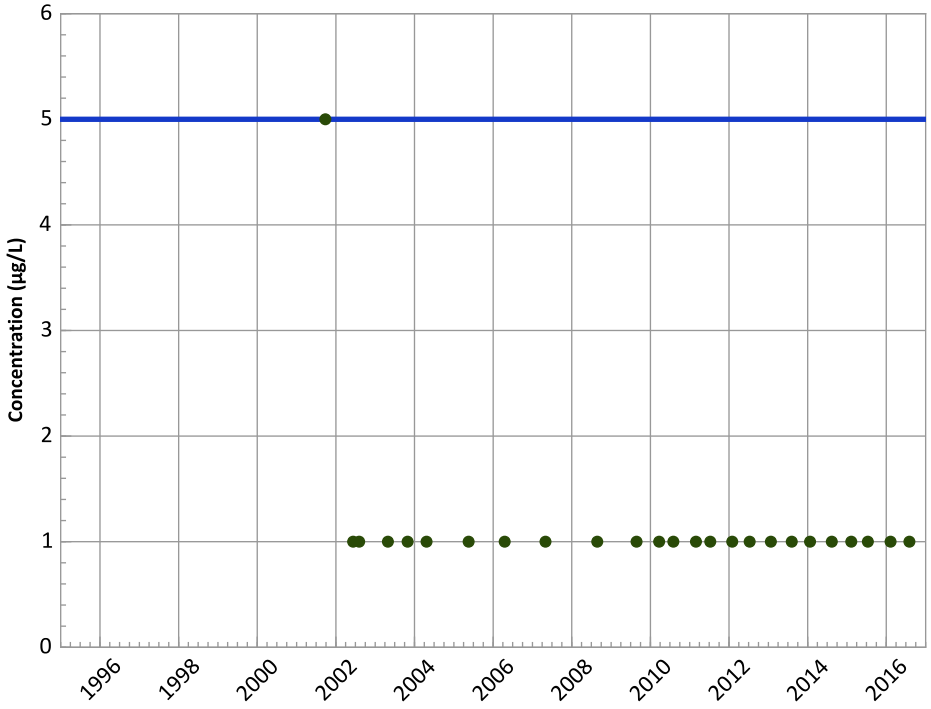
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

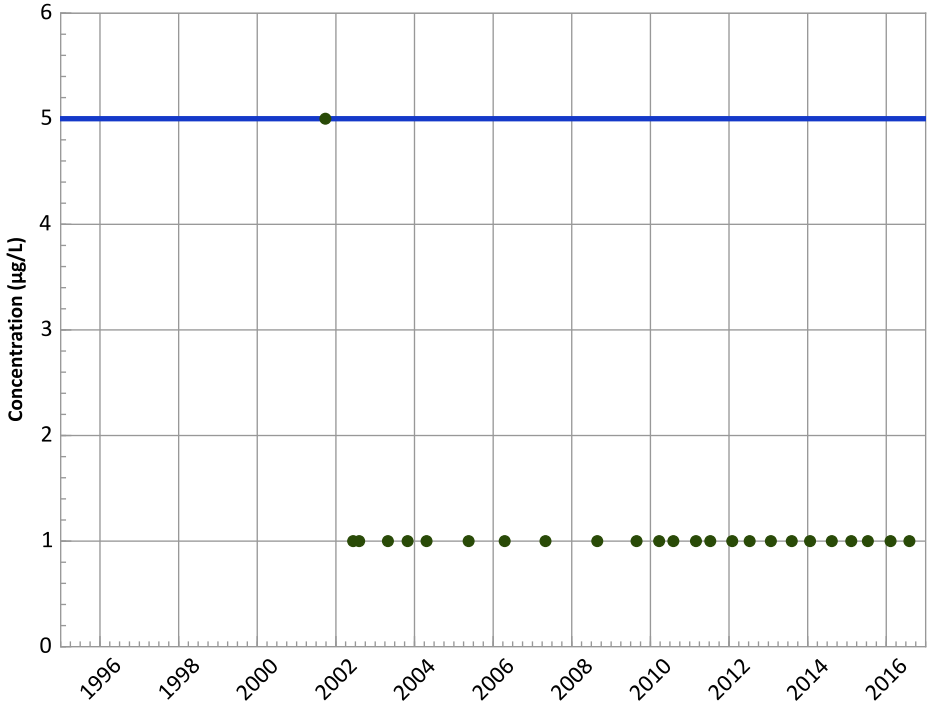


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

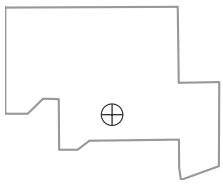
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

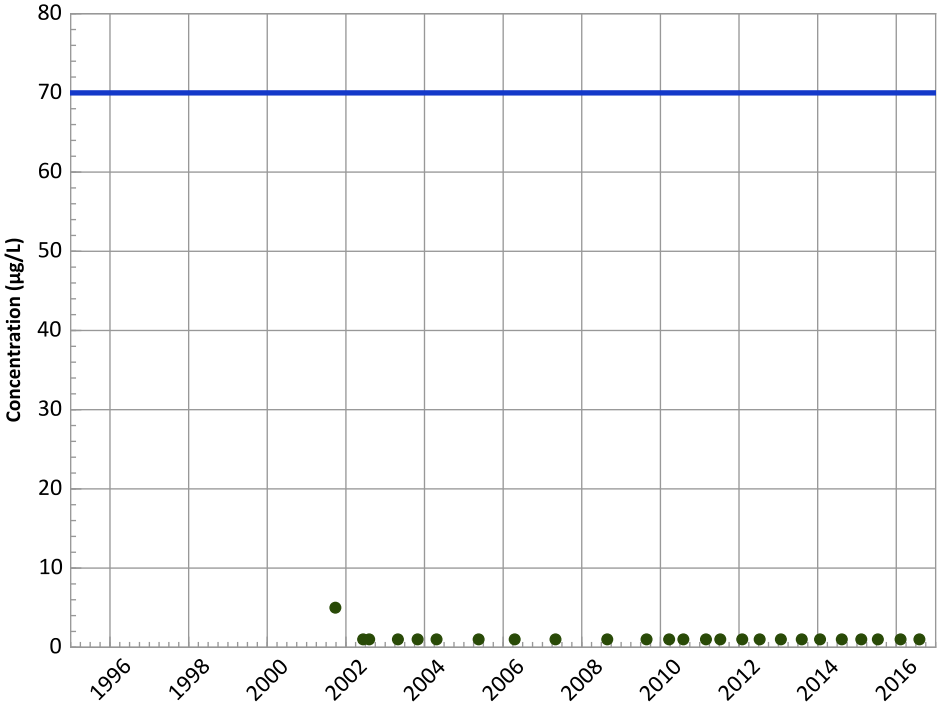
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

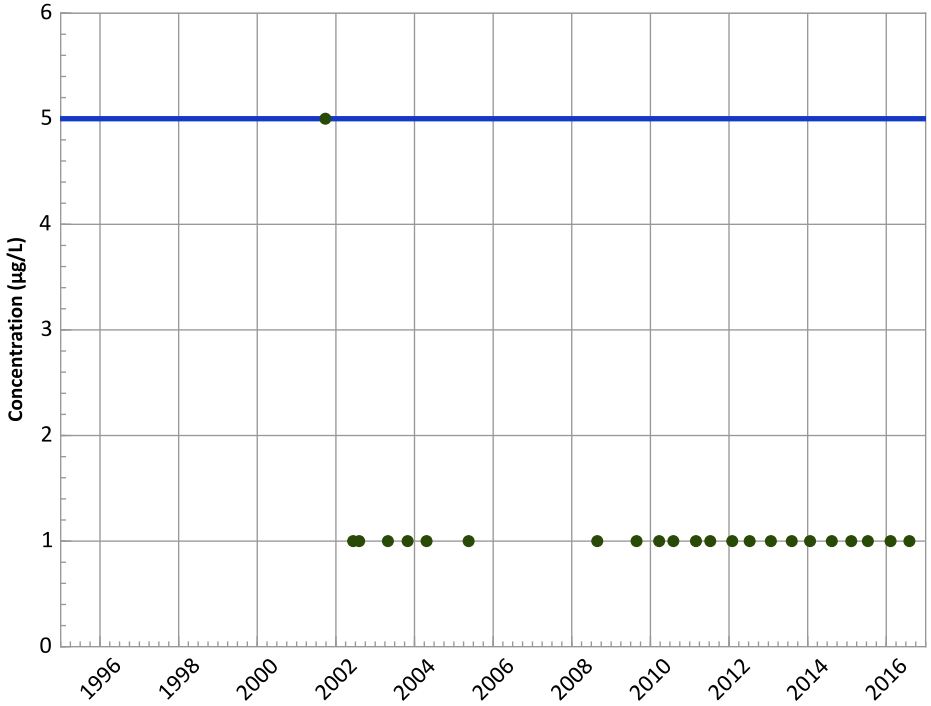


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

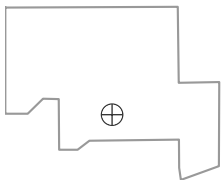
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

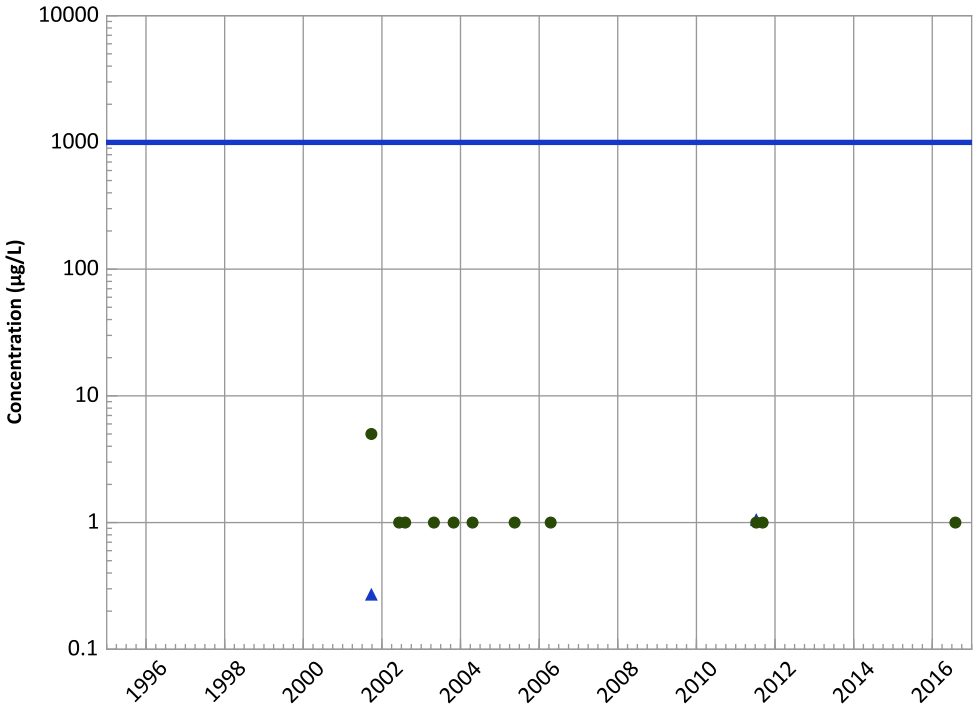
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Toluene Trend

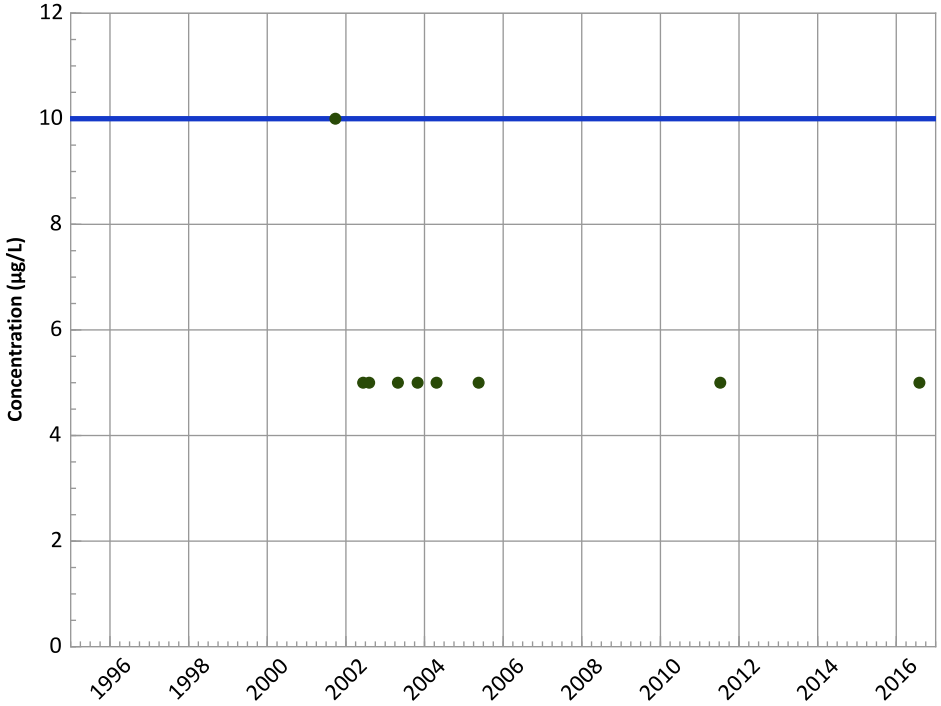


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

trans-1,4-Dichloro-2-Butene Trend



Concentration Trend

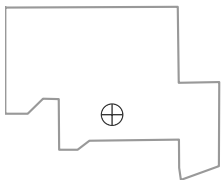
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

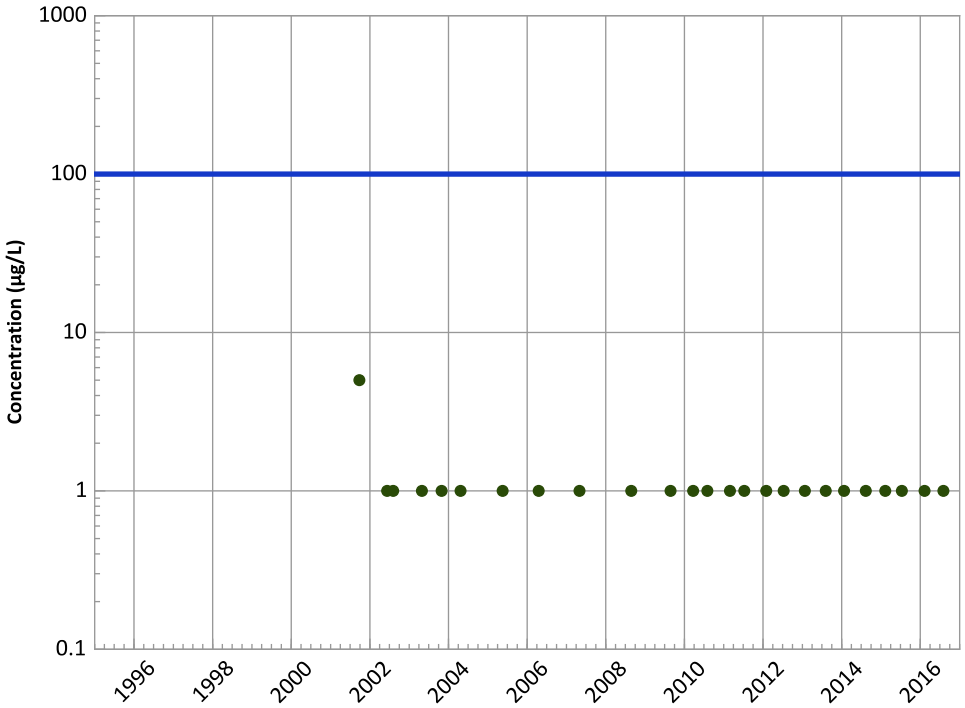
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

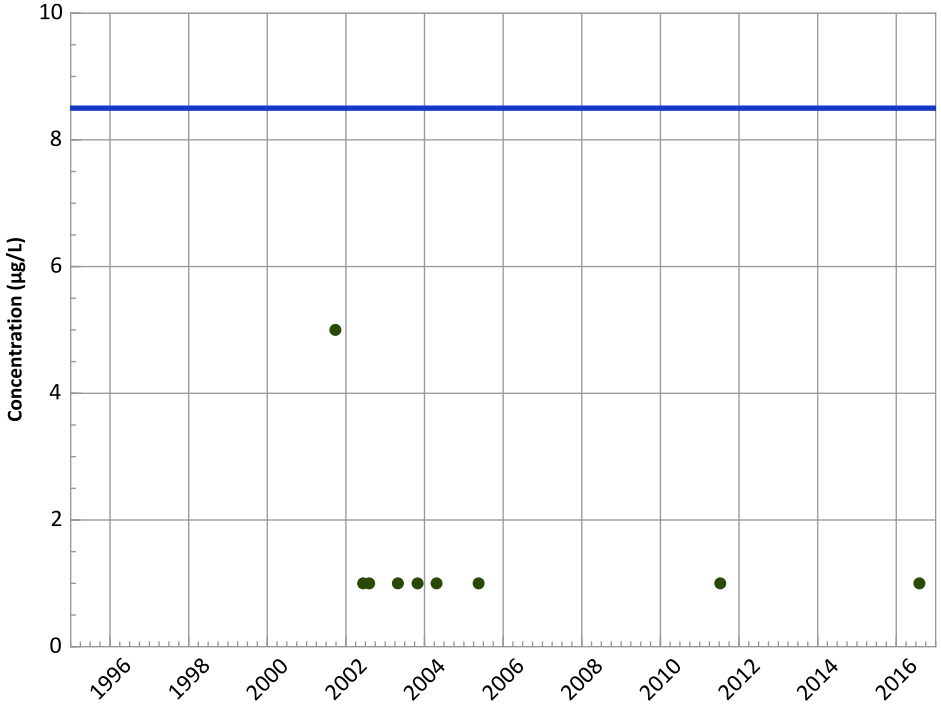


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

trans-1,3-Dichloropropene Trend



Concentration Trend

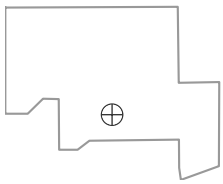
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

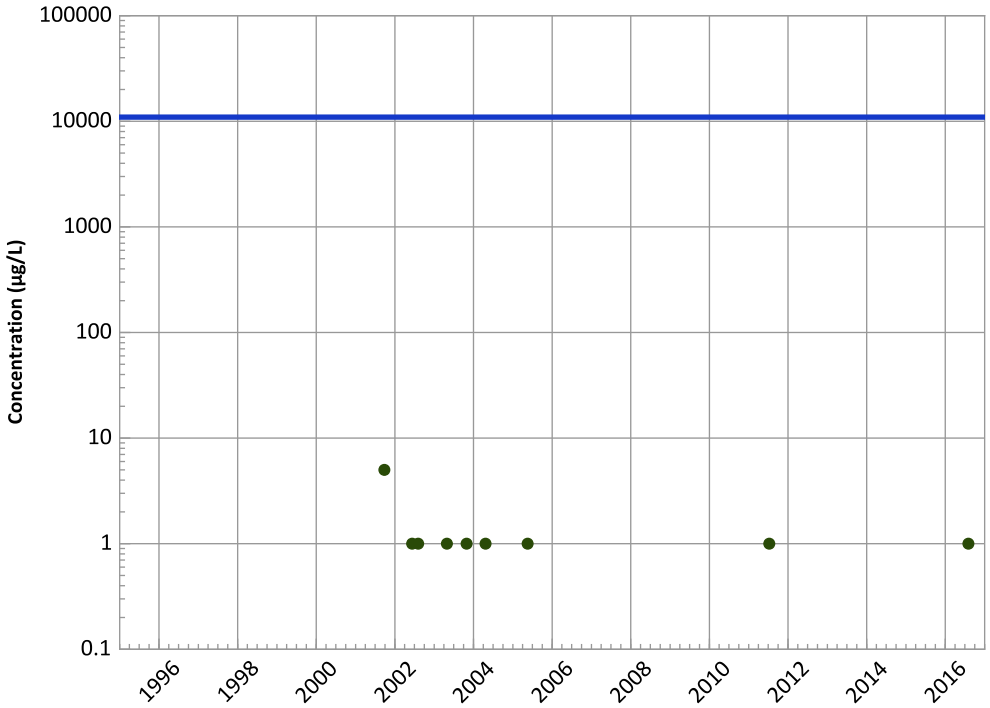
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichlorofluoromethane Trend

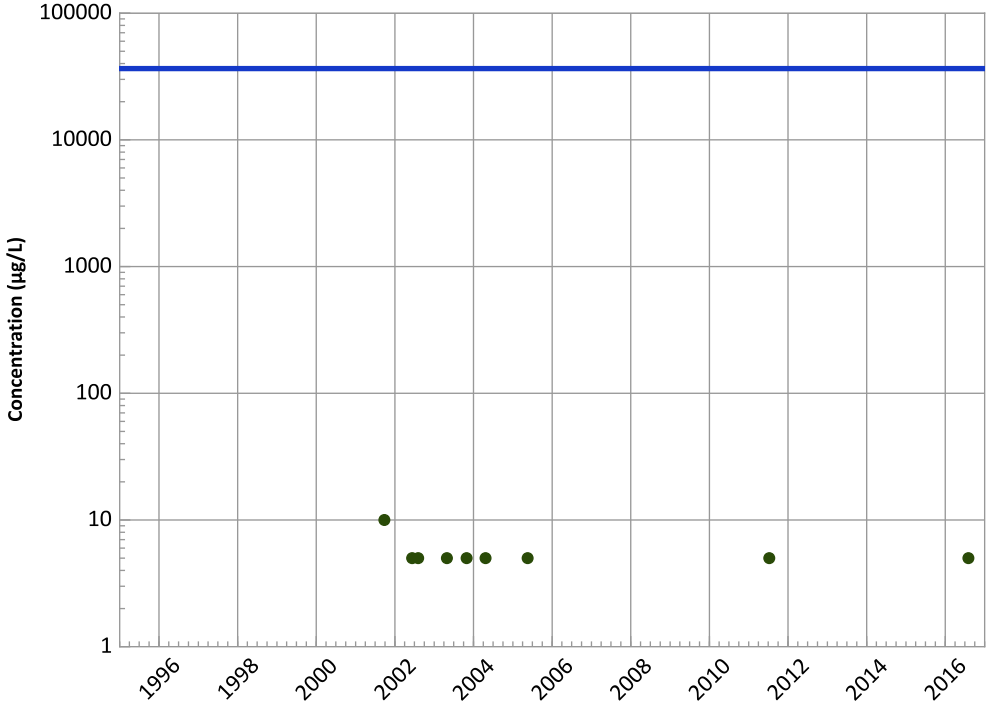


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Vinyl Acetate Trend



Concentration Trend

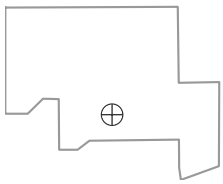
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

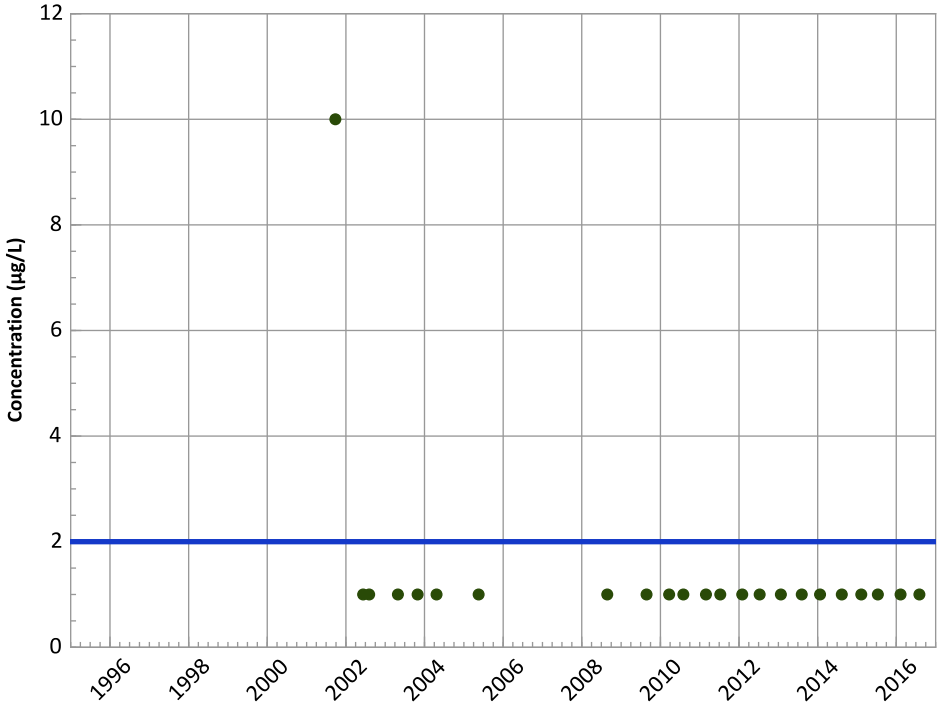
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

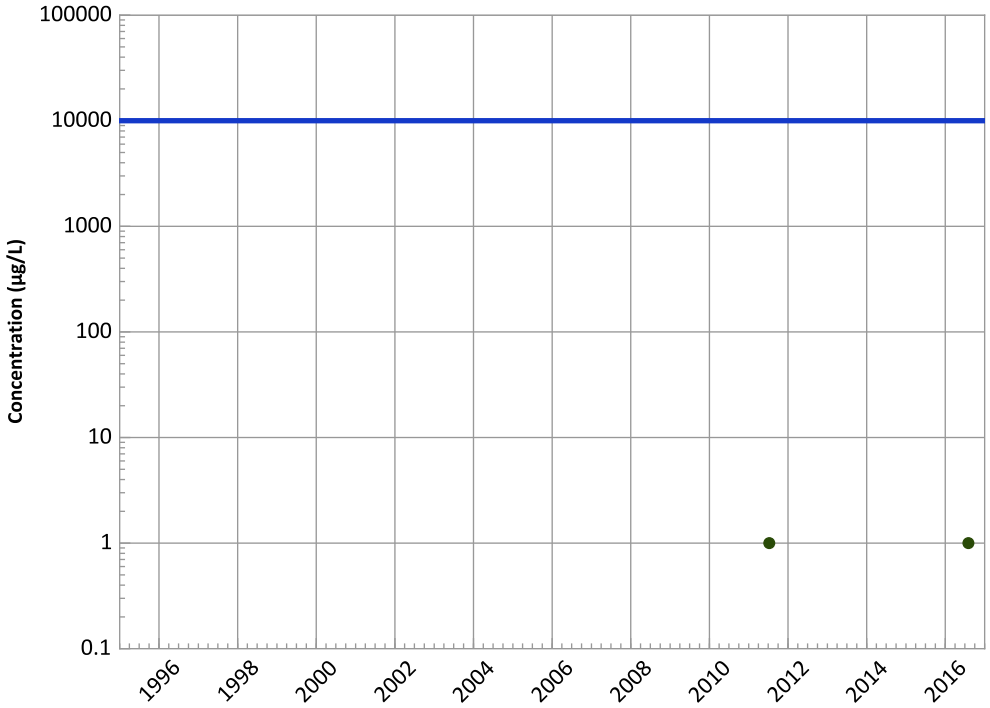


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Xylenes, Total Trend



Concentration Trend

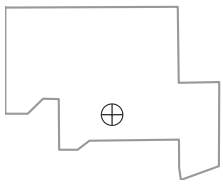
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

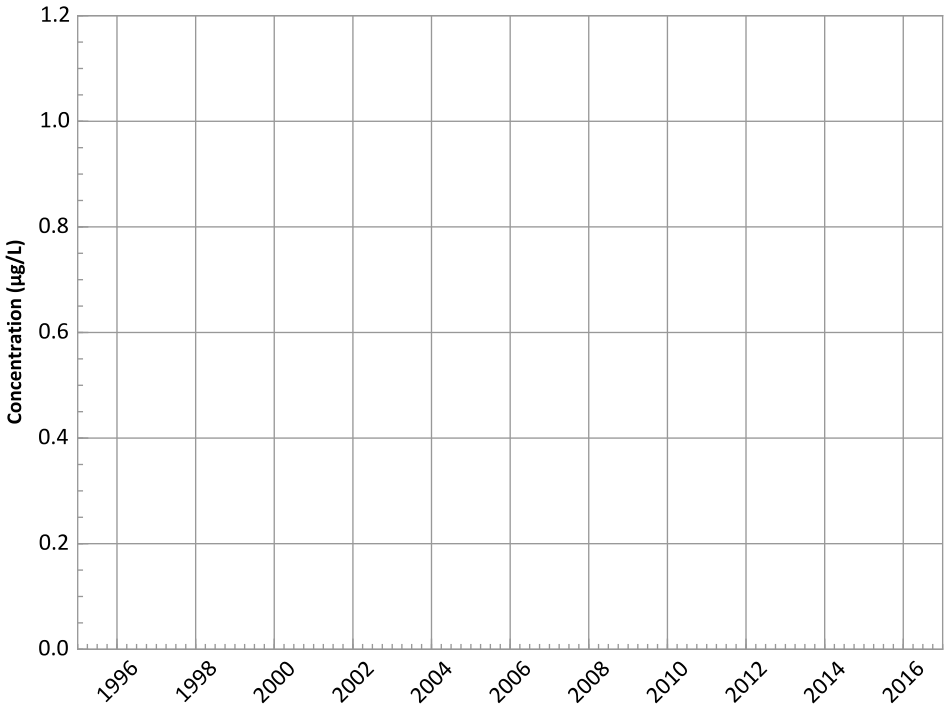
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sulfide Trend

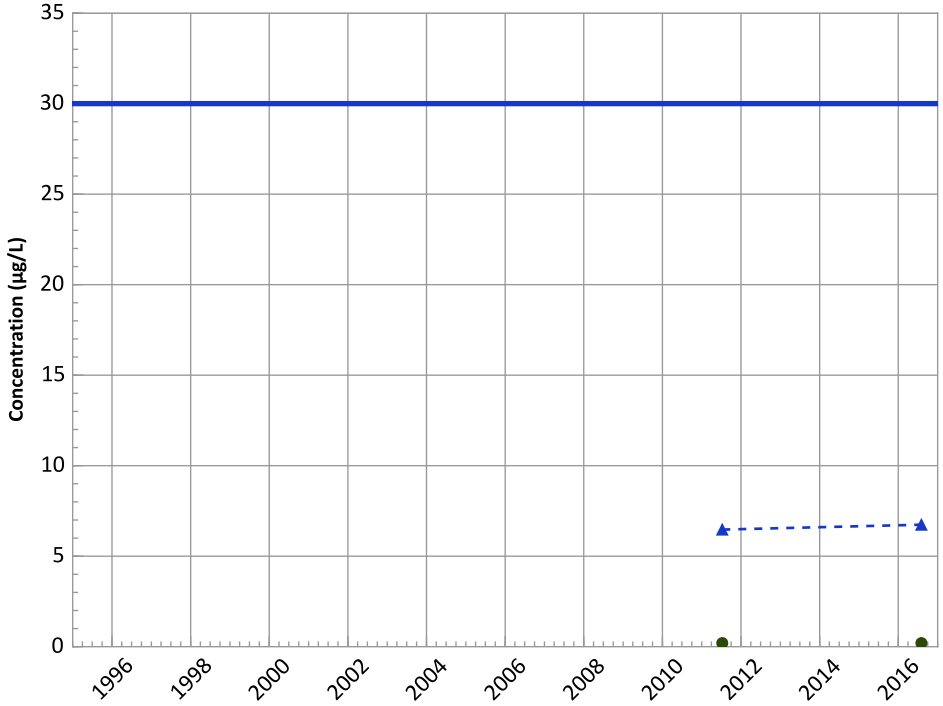


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Uranium, Total Trend



Concentration Trend

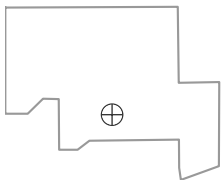
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

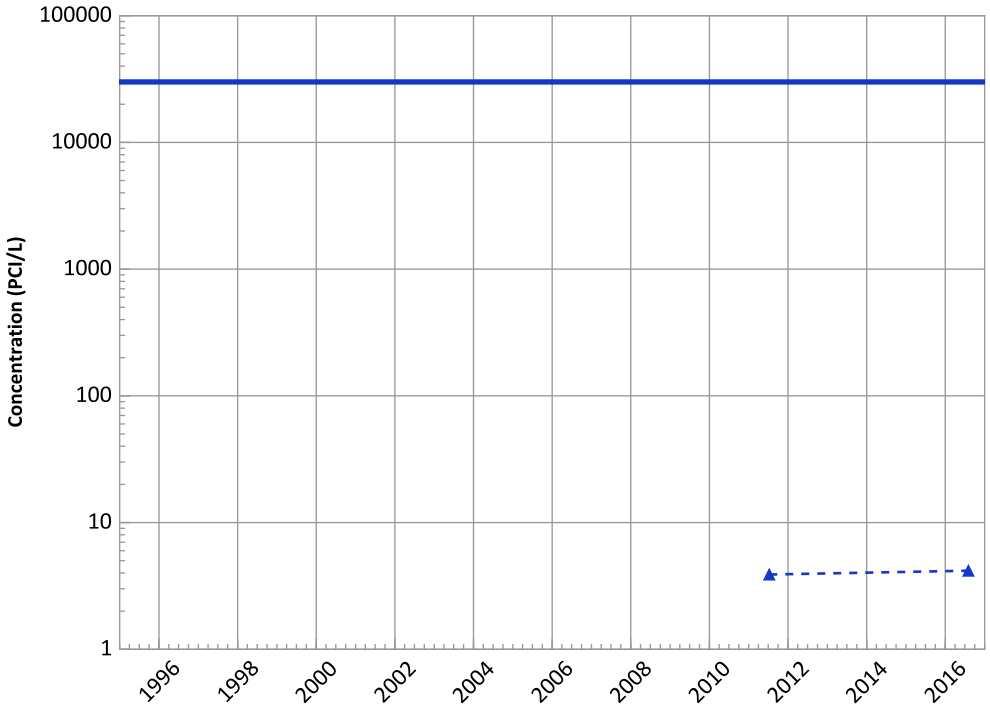
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Uranium-233/234 Trend

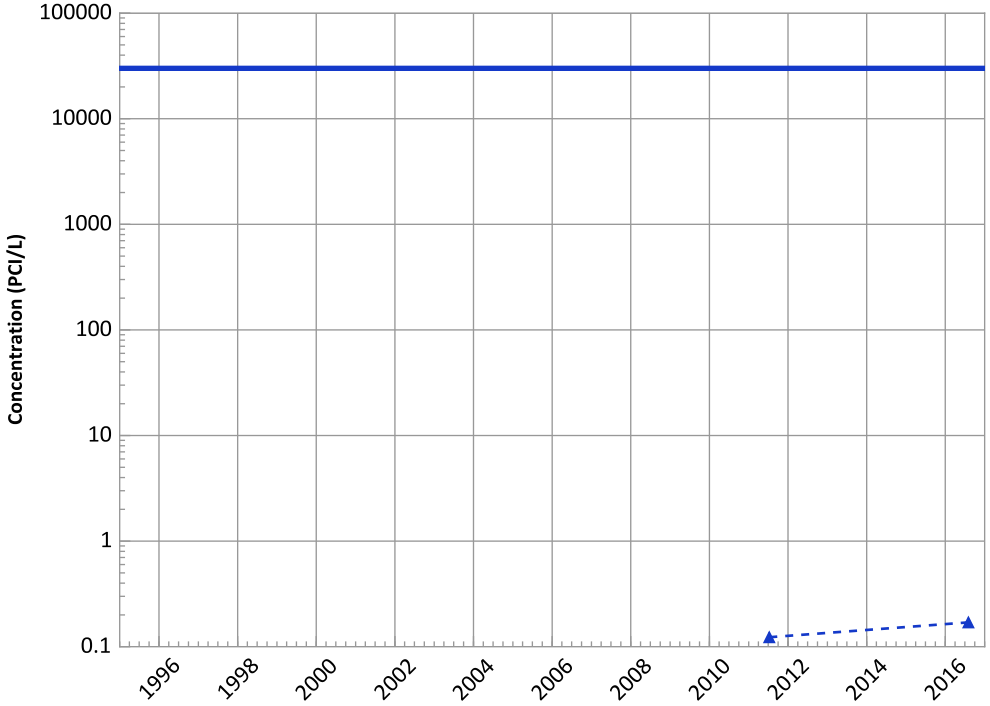


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Uranium-235/236 Trend



Concentration Trend

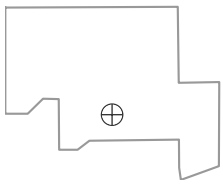
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

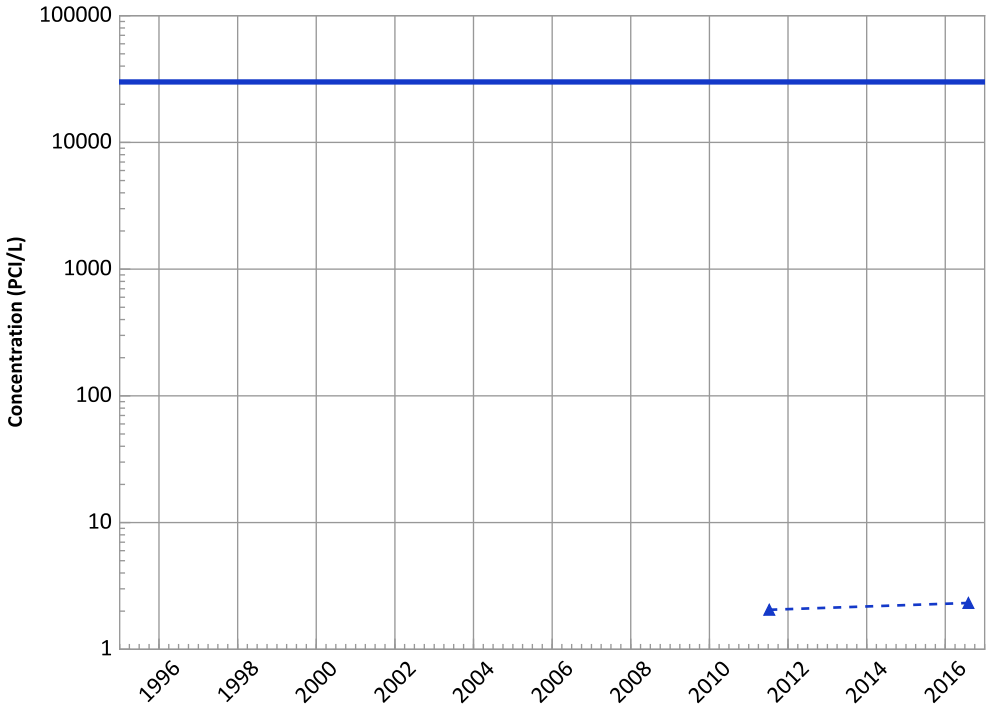
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Uranium-238 Trend

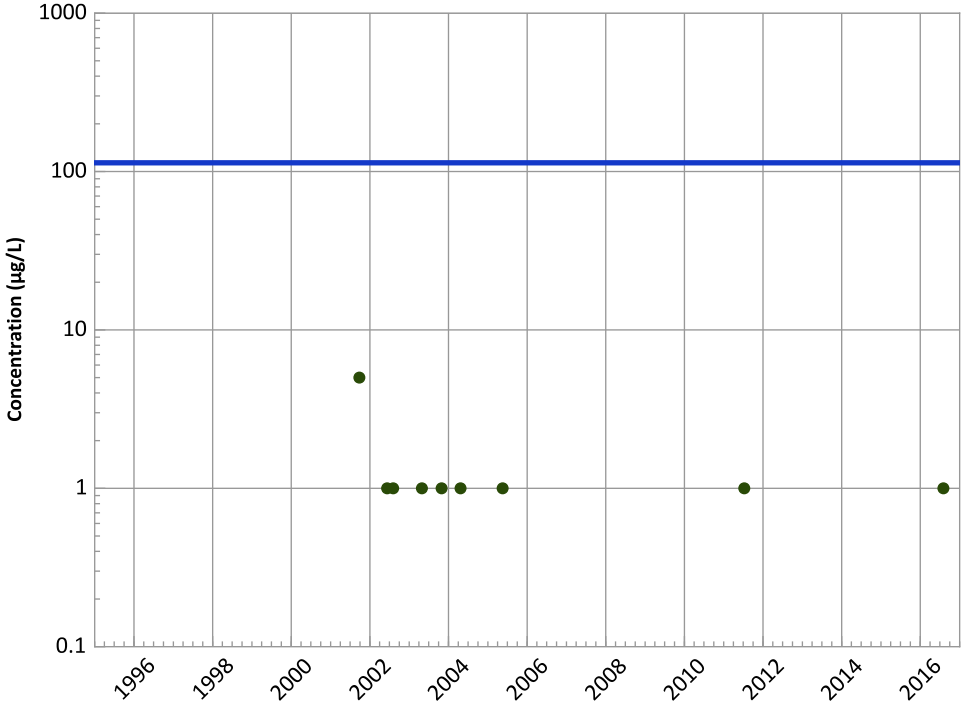


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Dibromomethane Trend



Concentration Trend

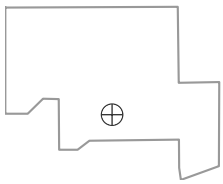
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

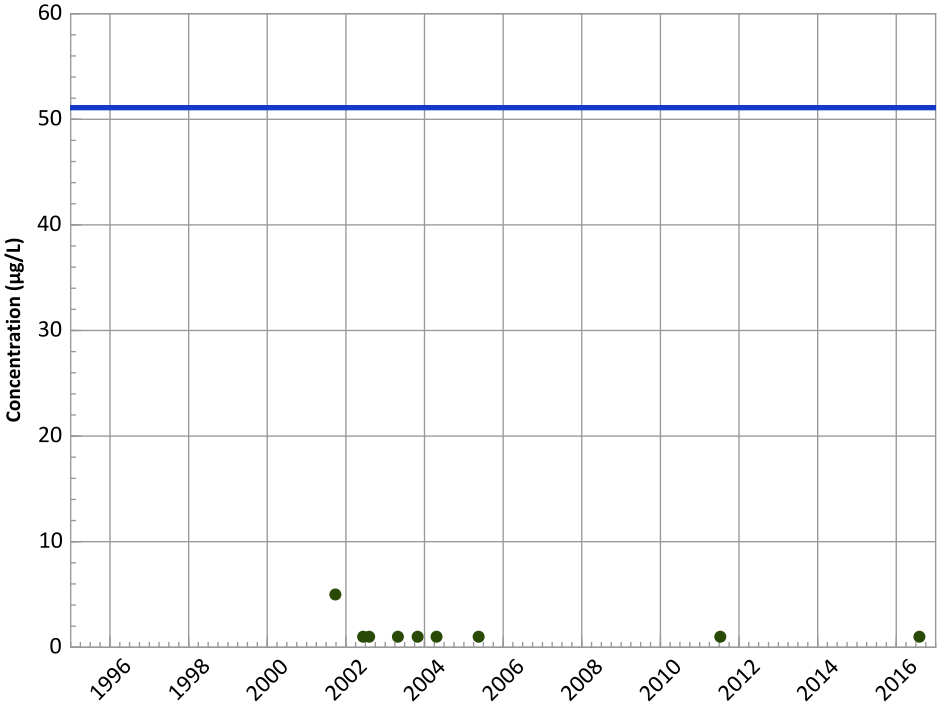
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Bromomethane Trend



Concentration Trend

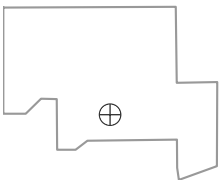
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

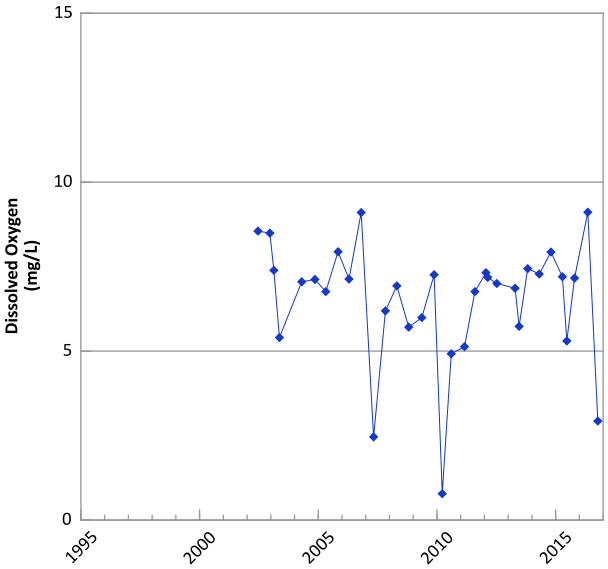
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/25/2001 to 08/03/2016
Analysis Date: 03/07/2017

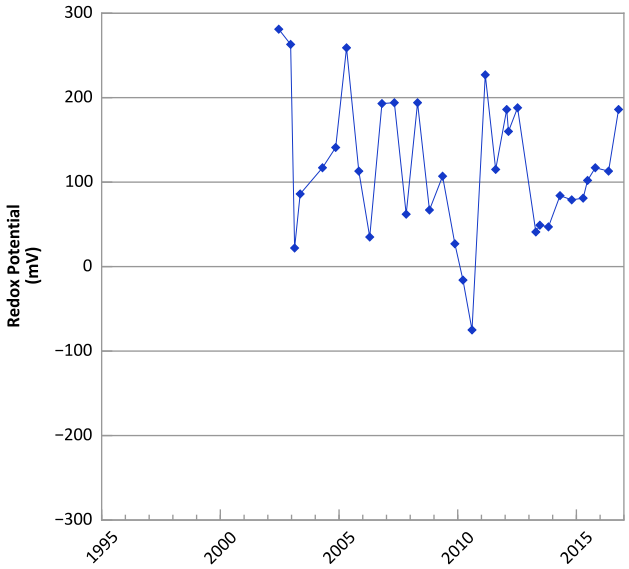
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

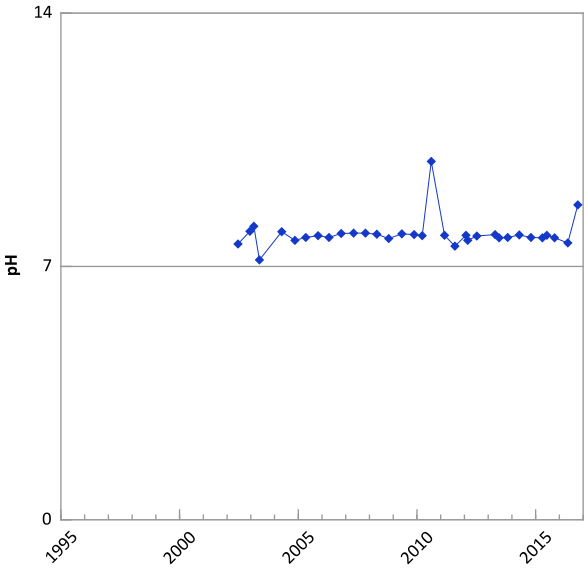
Well Location

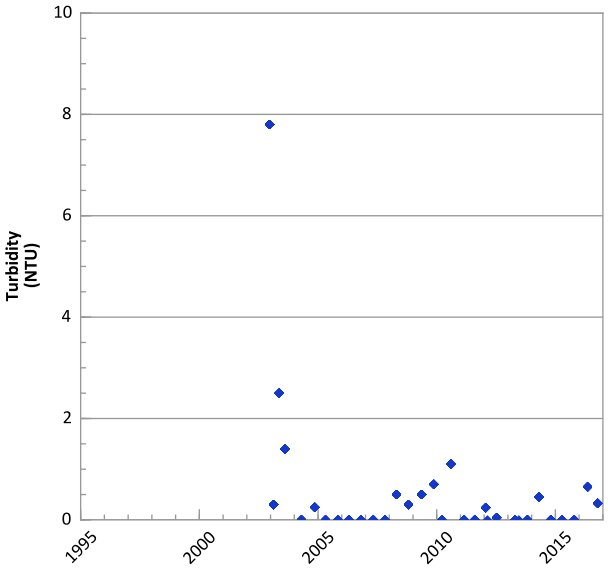


PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



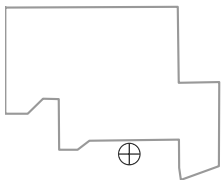






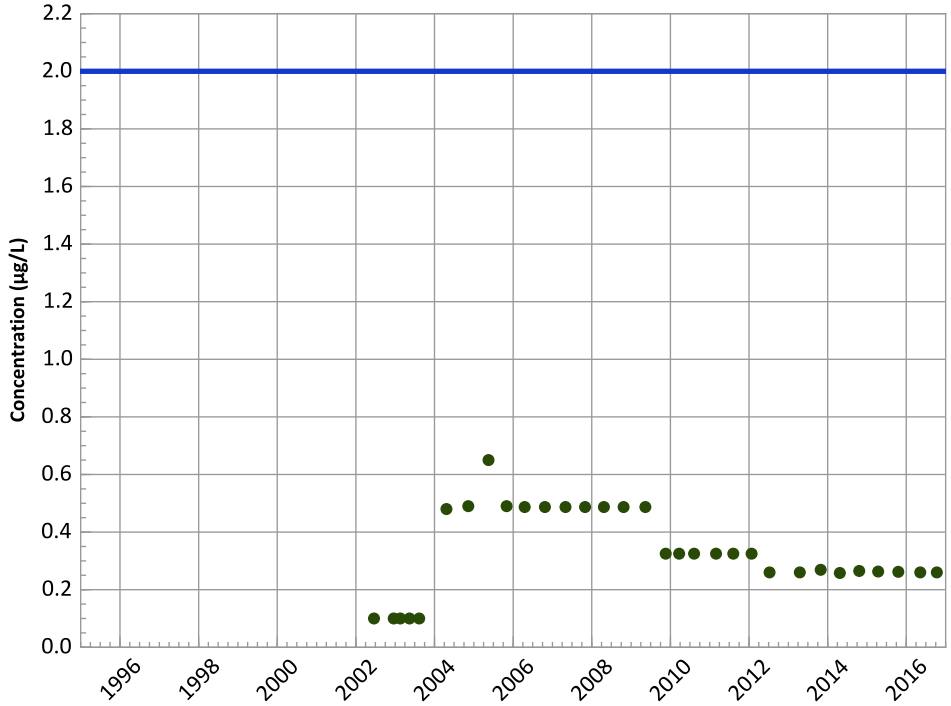
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/18/2002 to 10/11/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

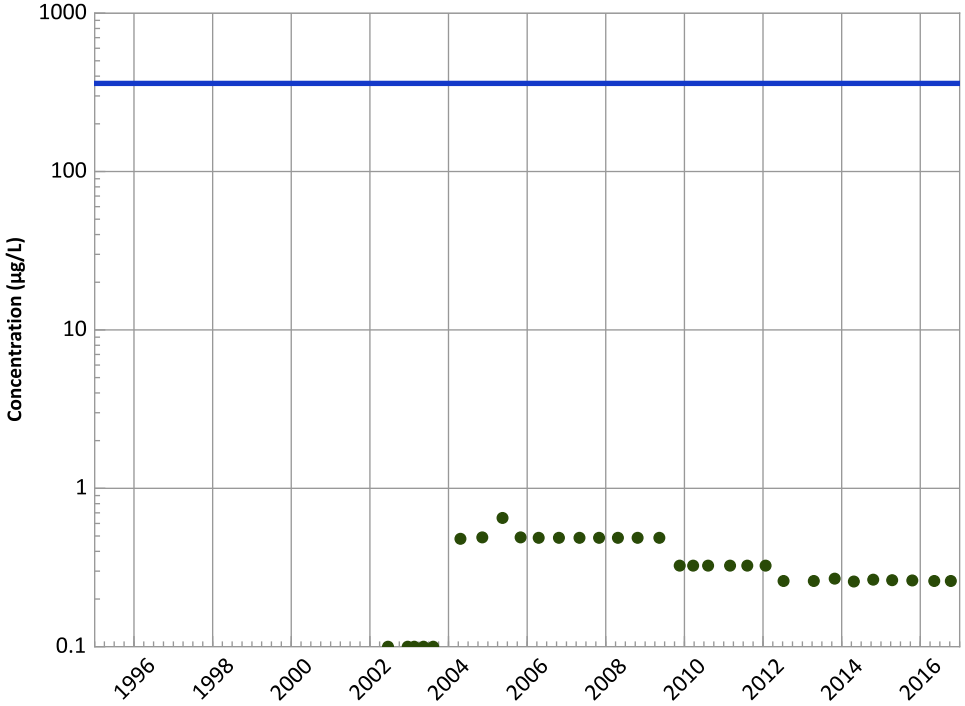


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

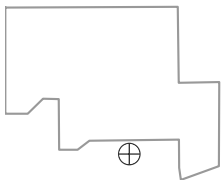
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/18/2002 to 10/11/2016
Analysis Date: 03/07/2017

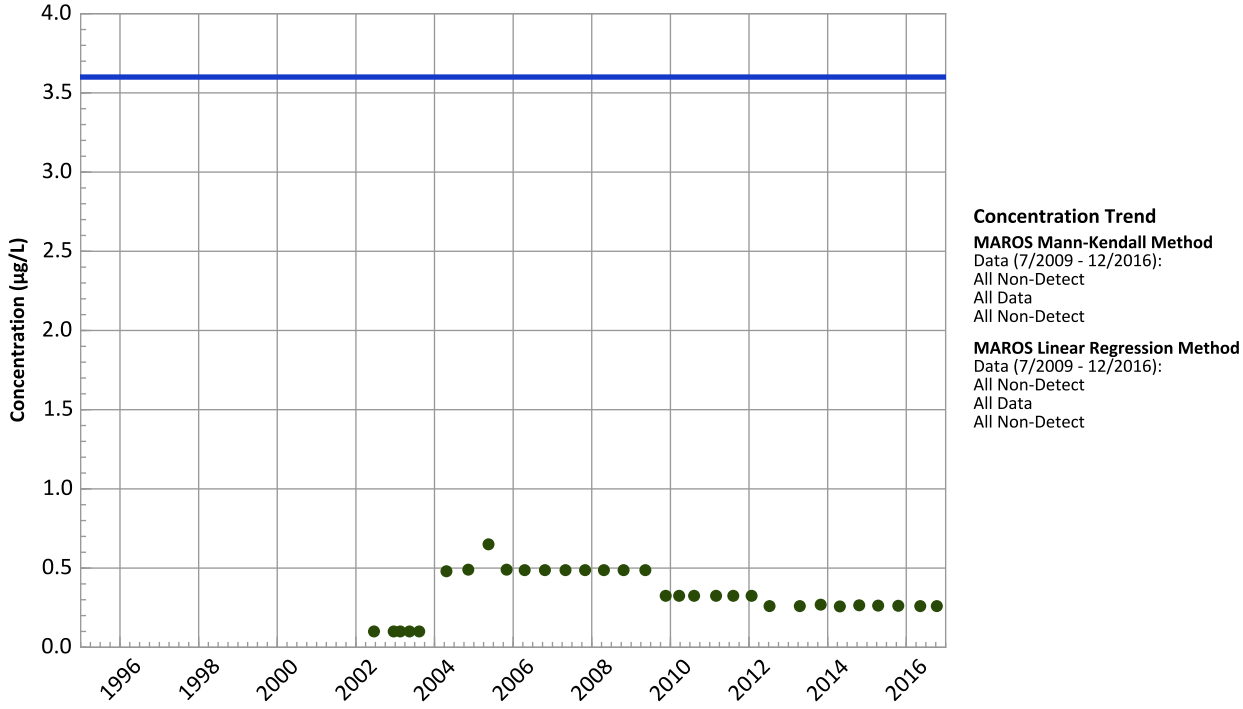
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

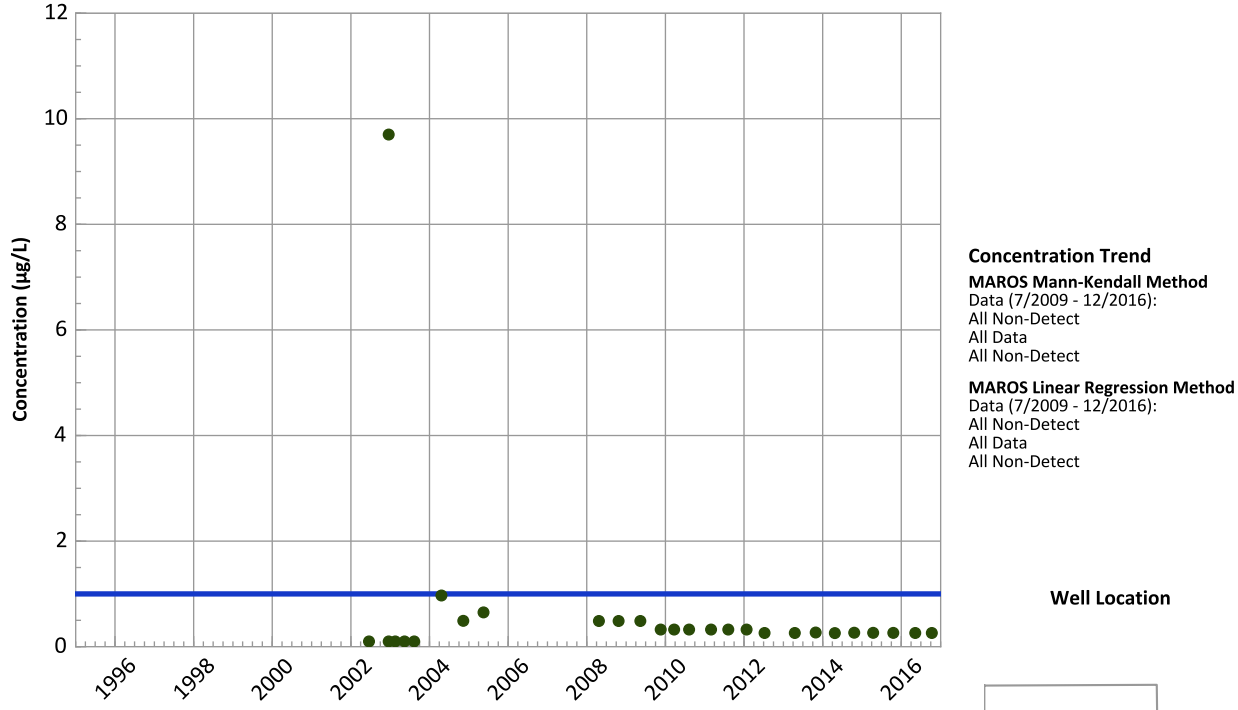


PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



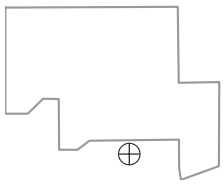
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/18/2002 to 10/11/2016
Analysis Date: 03/07/2017

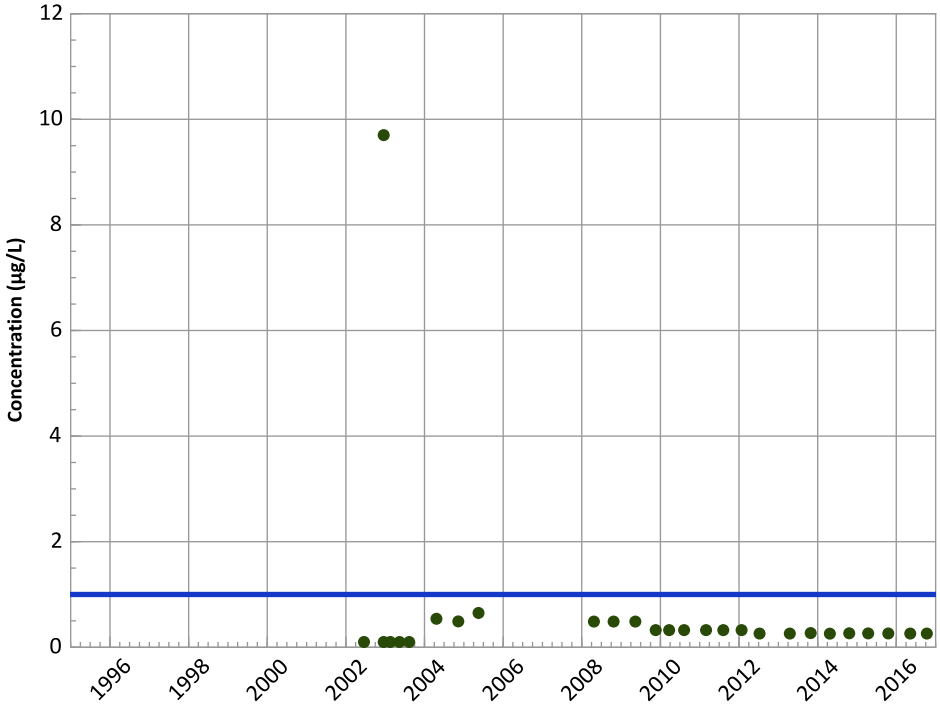
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

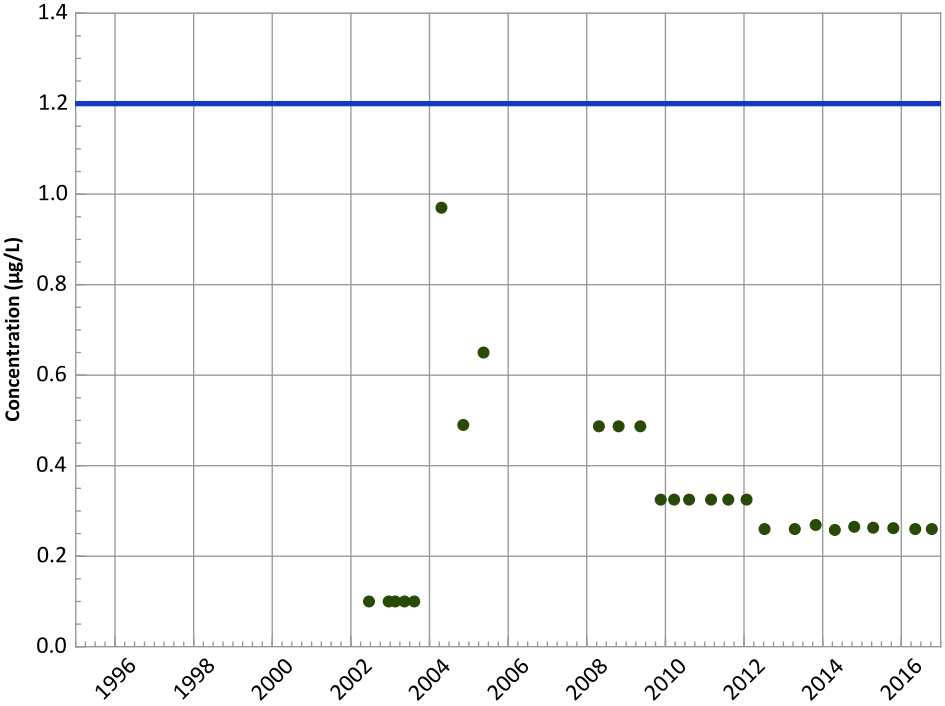


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

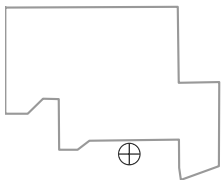
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/18/2002 to 10/11/2016
Analysis Date: 03/07/2017

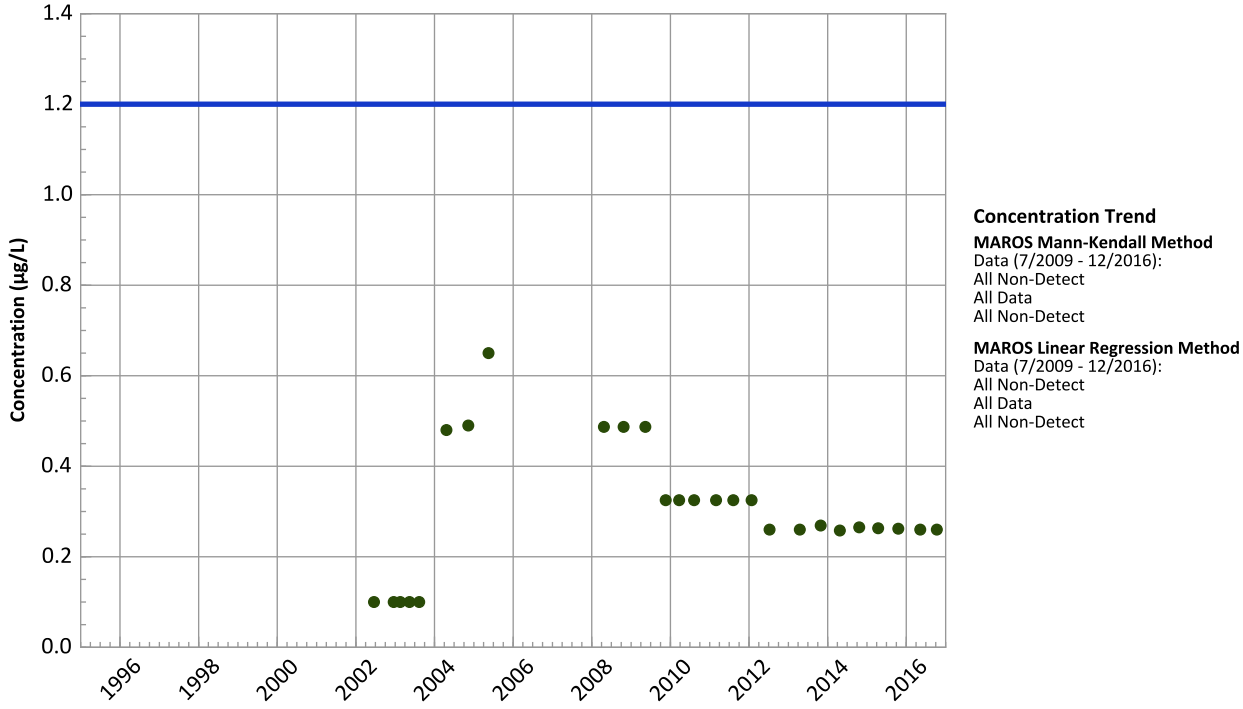
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

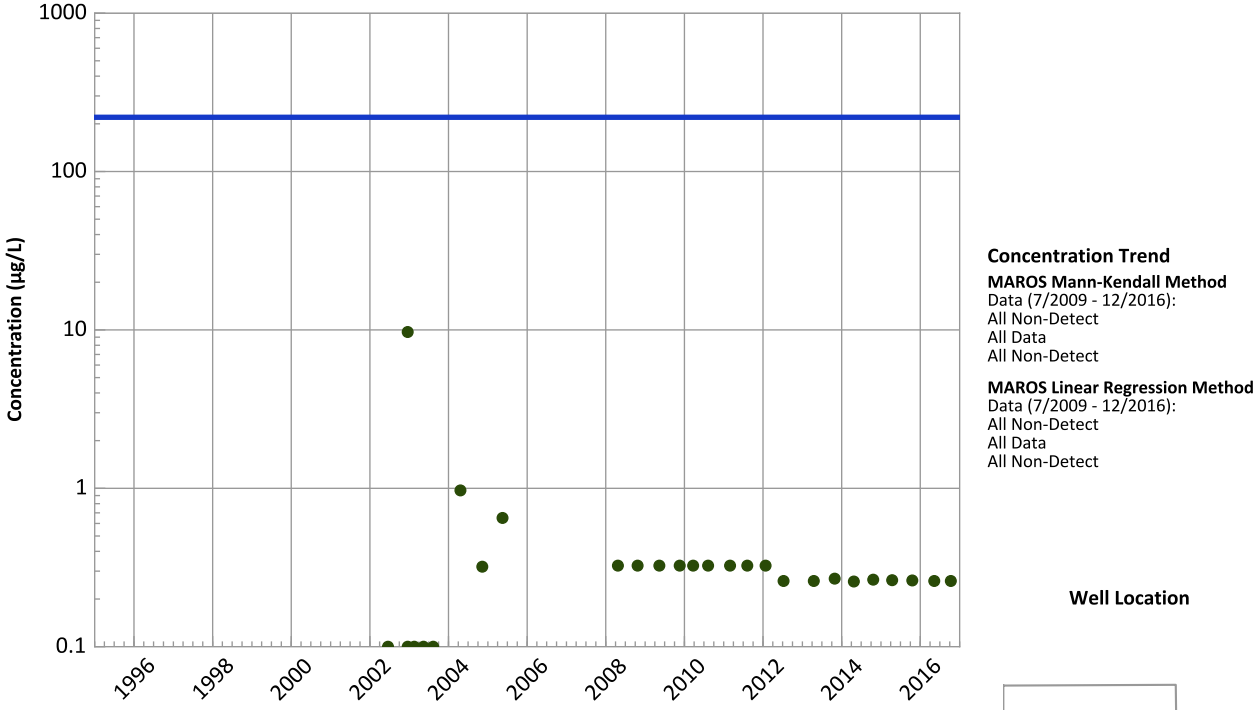


PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



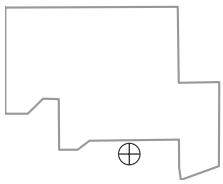
1,3,5-Trinitrobenzene Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/18/2002 to 10/11/2016
Analysis Date: 03/07/2017

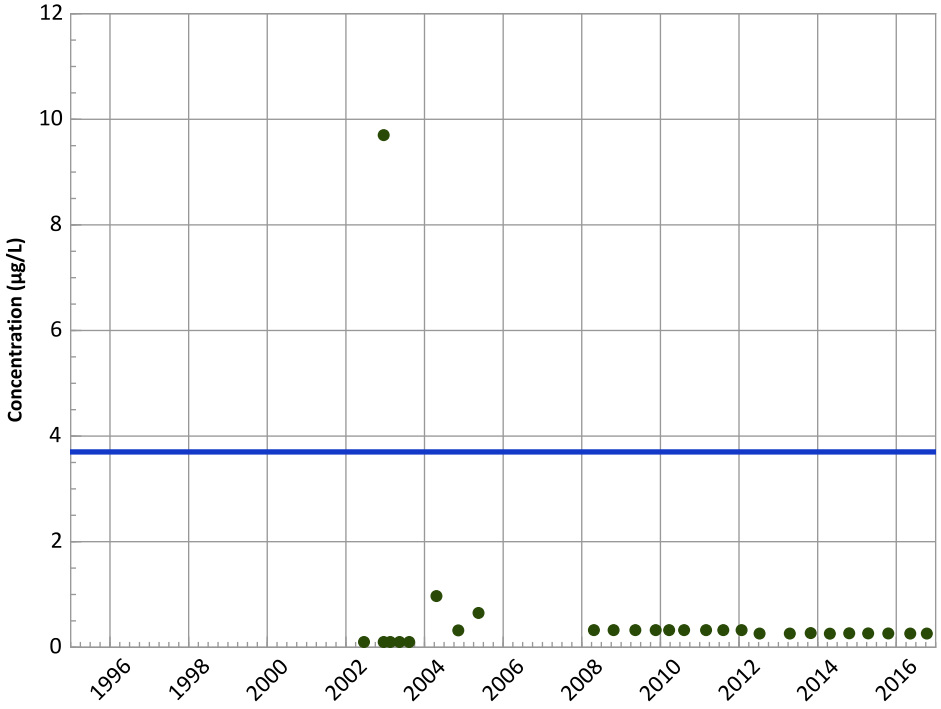
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

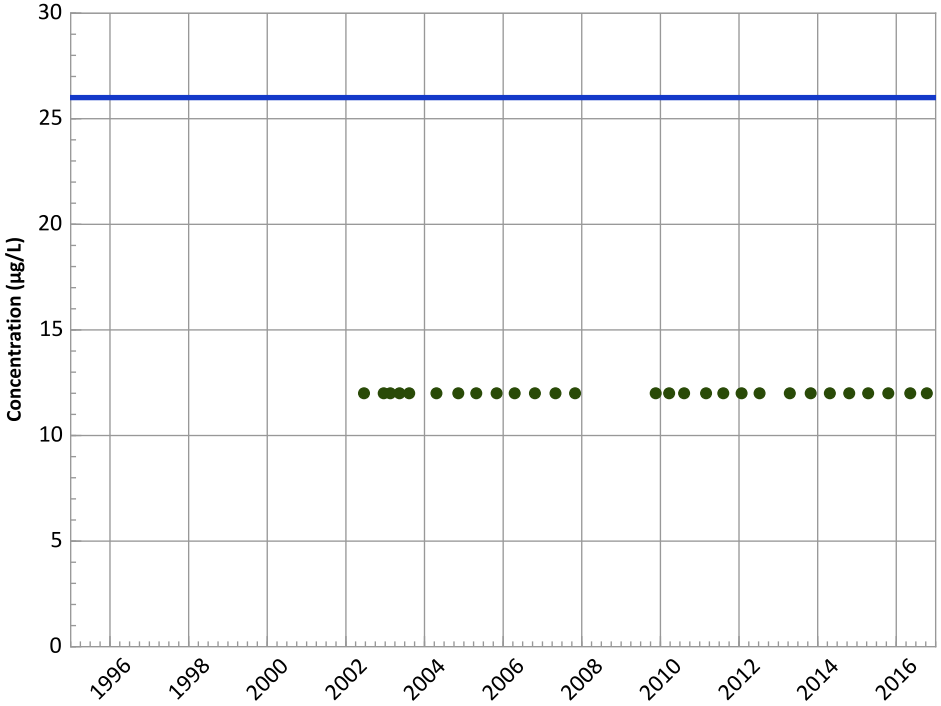


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

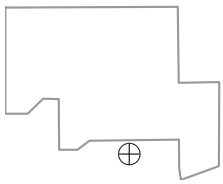
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/18/2002 to 10/11/2016
Analysis Date: 03/07/2017

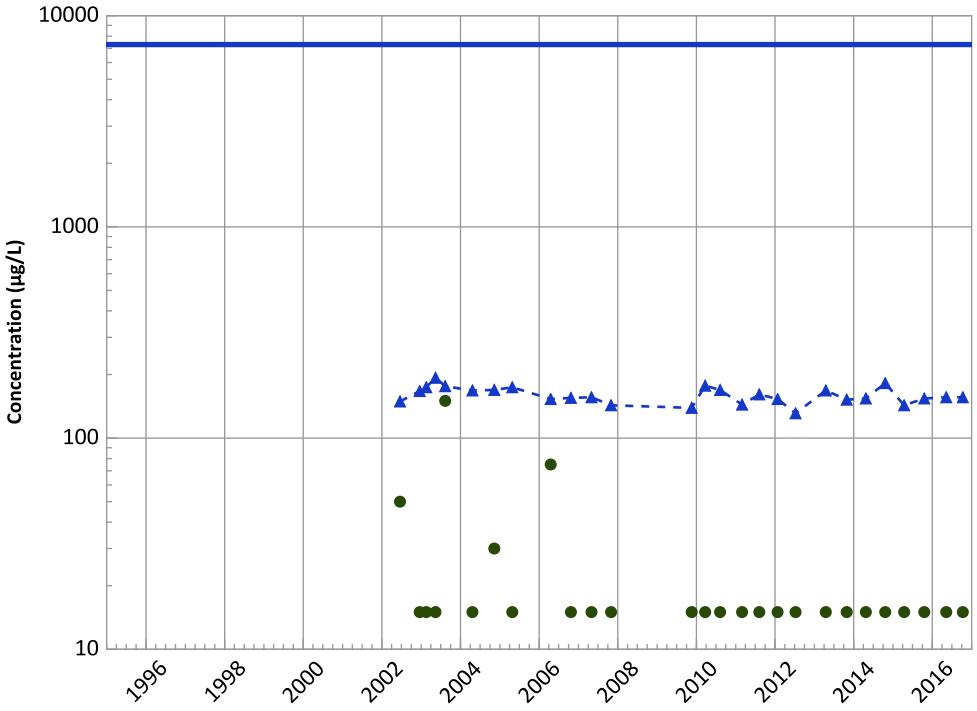
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

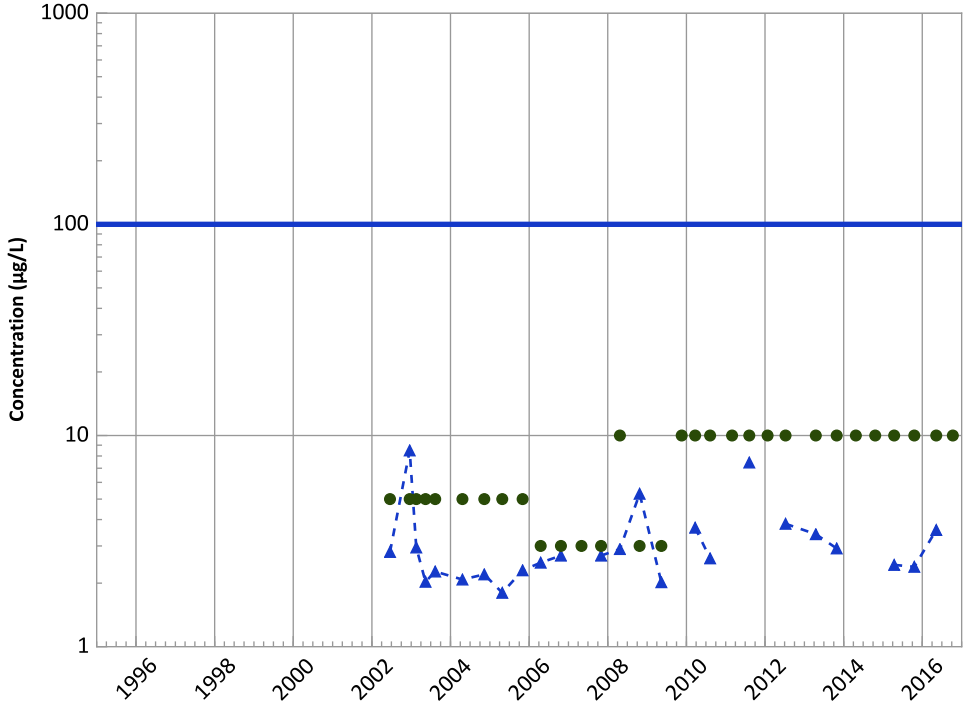


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

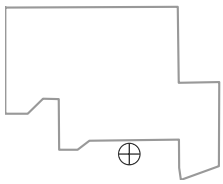
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/18/2002 to 10/11/2016
Analysis Date: 03/07/2017

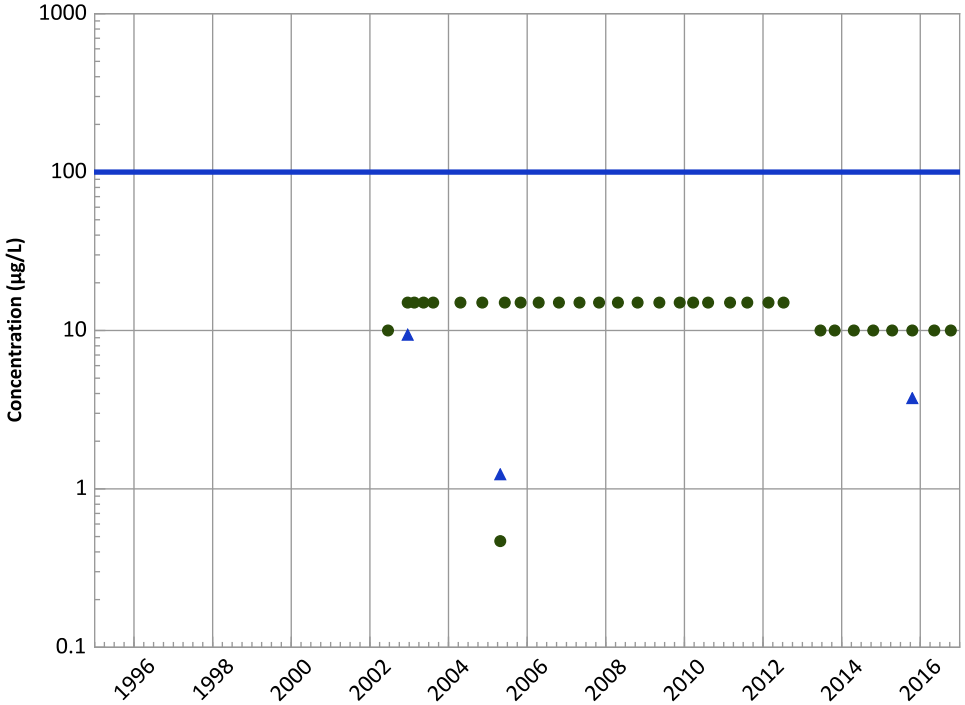
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

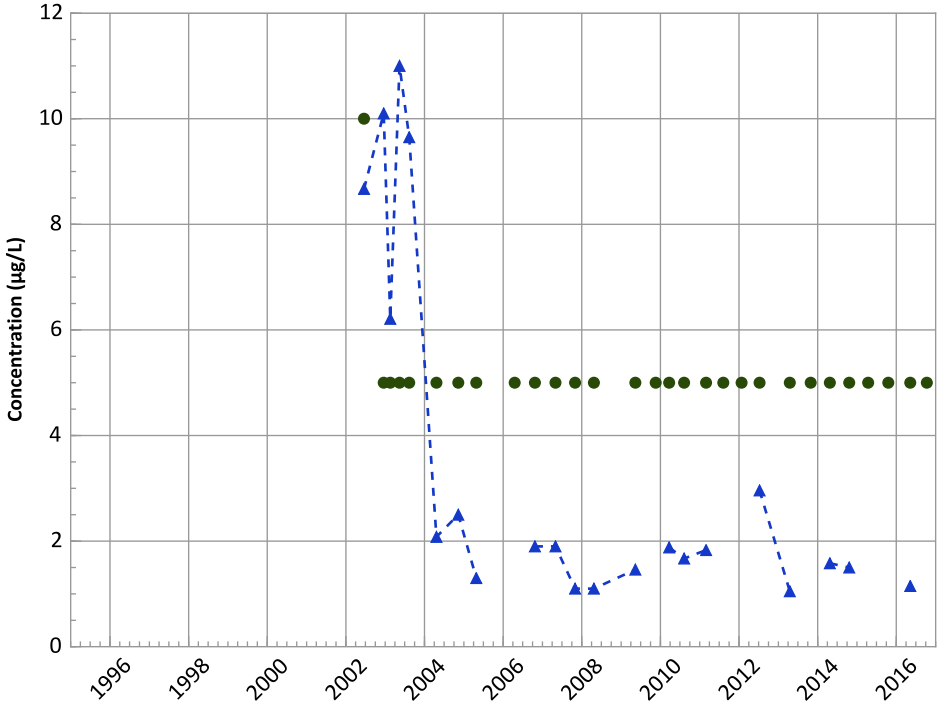


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

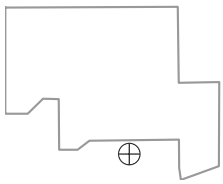
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/18/2002 to 10/11/2016
Analysis Date: 03/07/2017

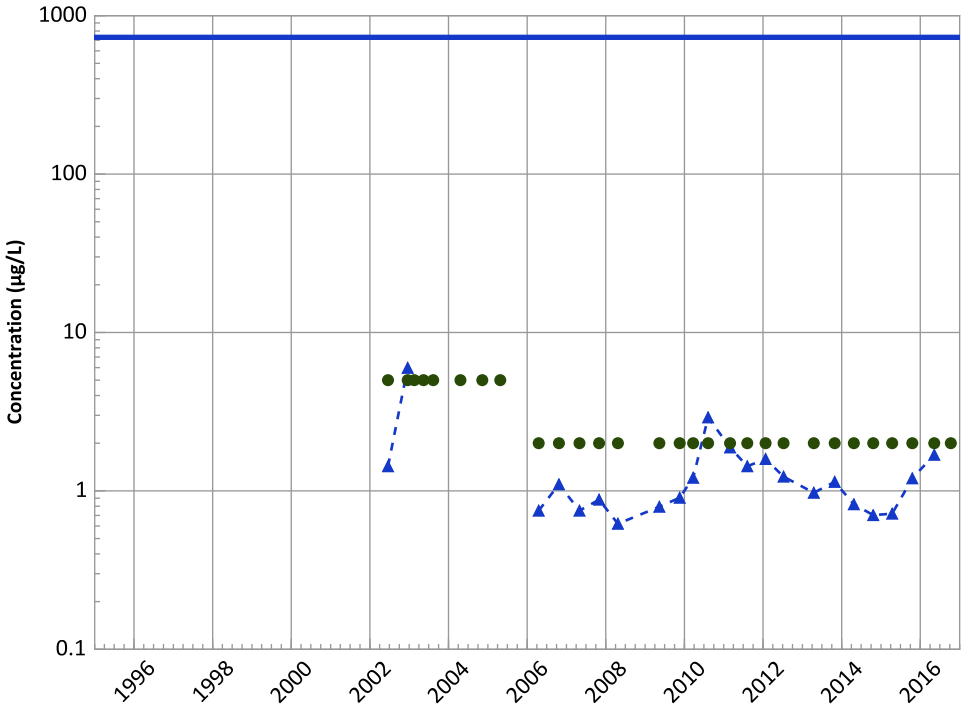
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

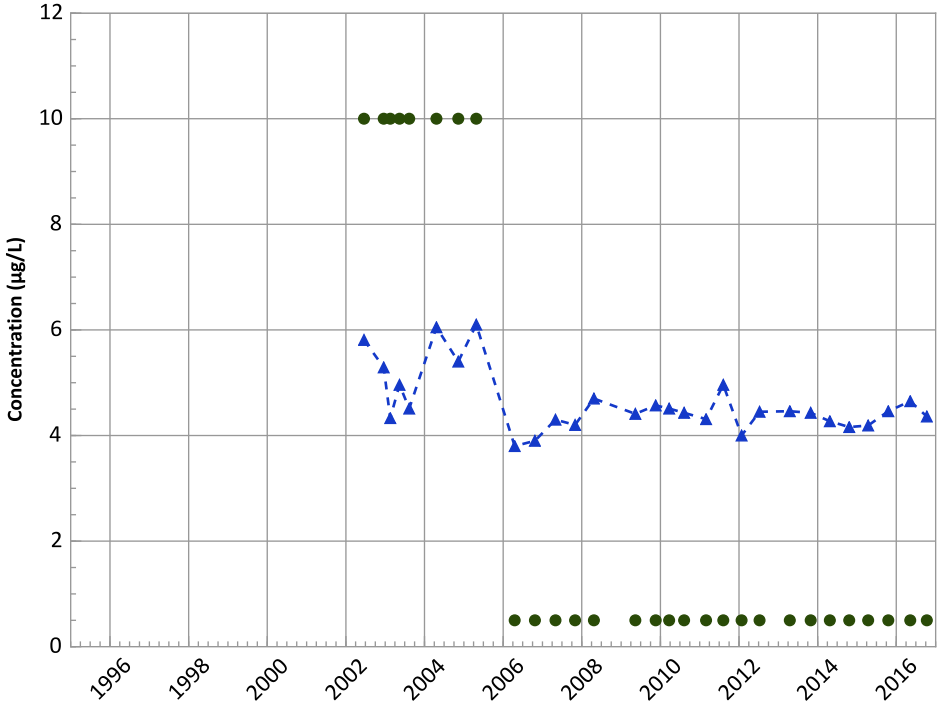


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Stable

Molybdenum Trend



Concentration Trend

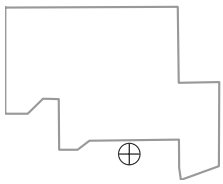
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/18/2002 to 10/11/2016
Analysis Date: 03/07/2017

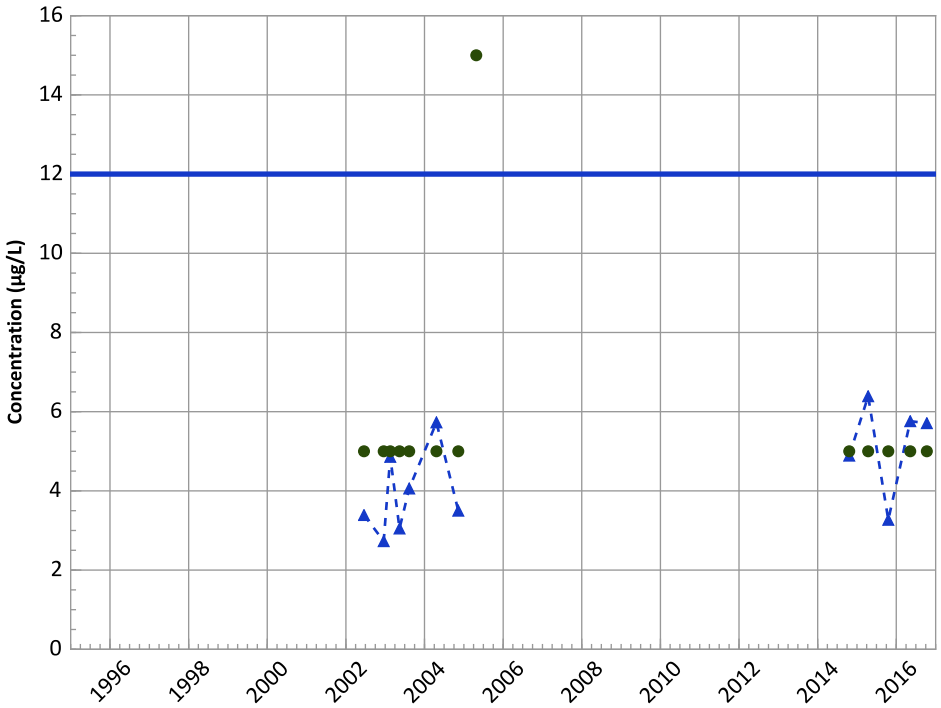
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

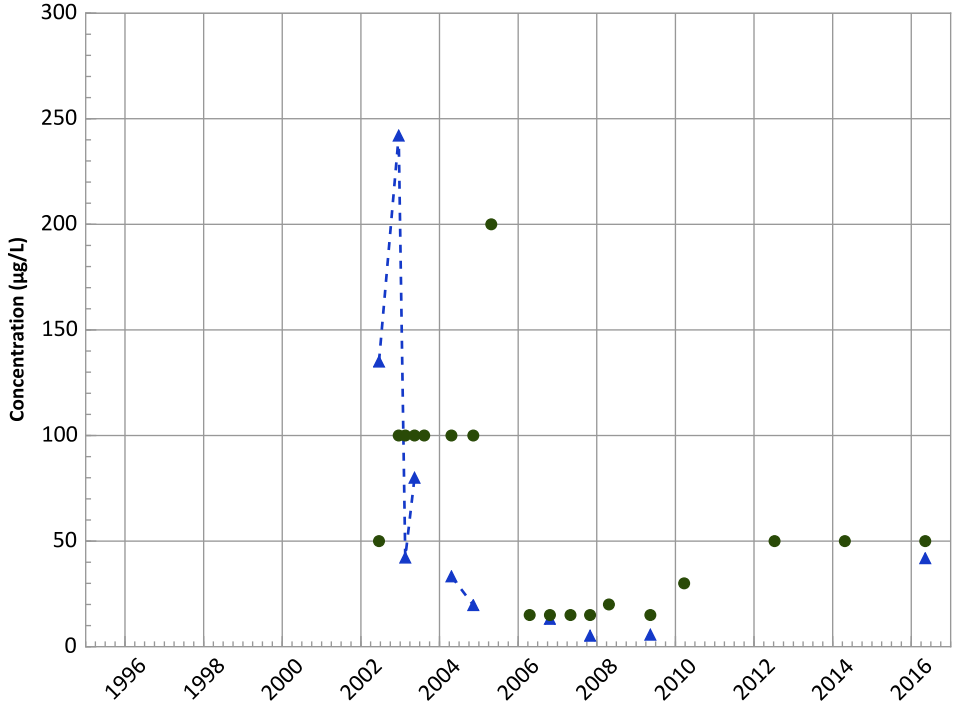


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Aluminum Trend



Concentration Trend

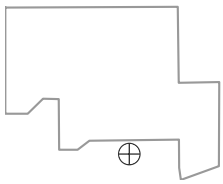
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/18/2002 to 10/11/2016
Analysis Date: 03/07/2017

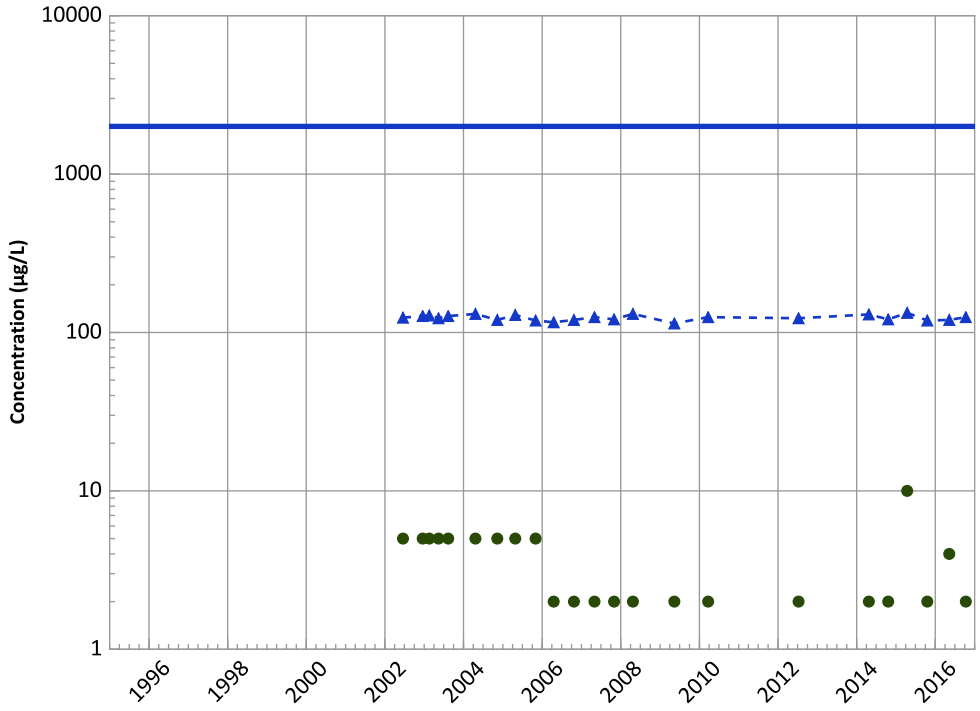
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

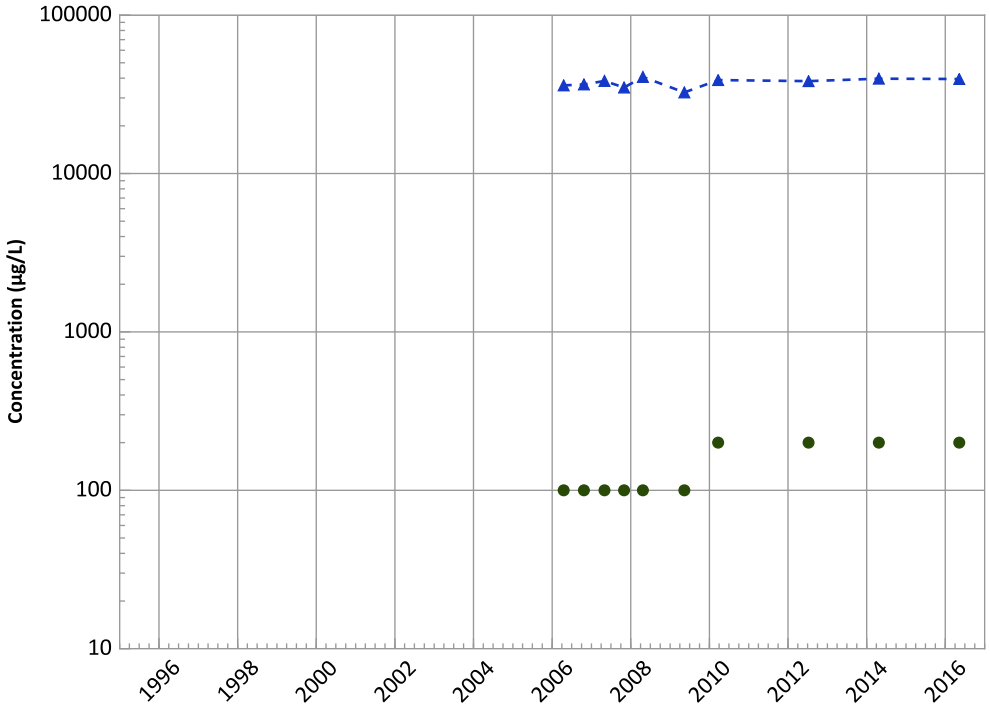


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Calcium Trend



Concentration Trend

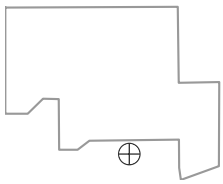
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/18/2002 to 10/11/2016
Analysis Date: 03/07/2017

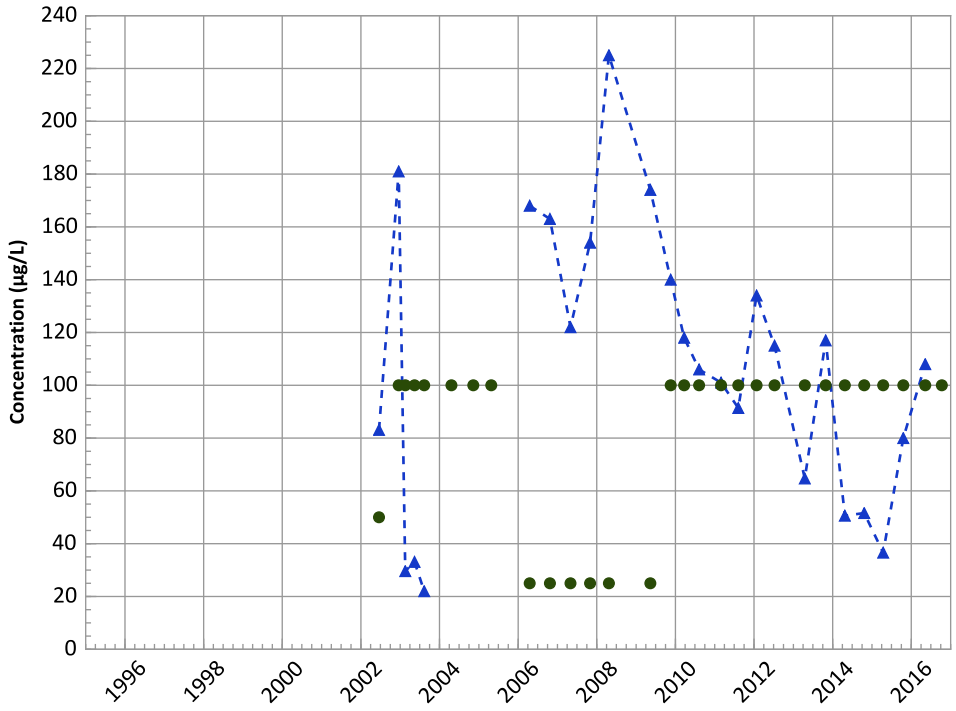
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

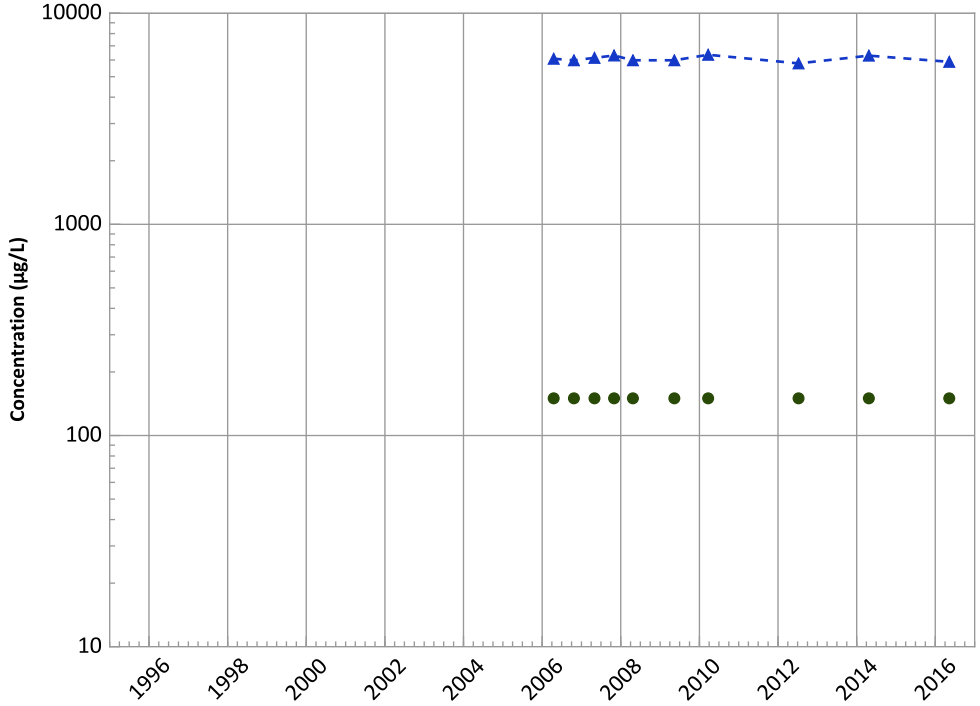


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

Potassium Trend



Concentration Trend

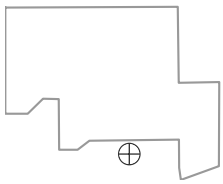
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/18/2002 to 10/11/2016
Analysis Date: 03/07/2017

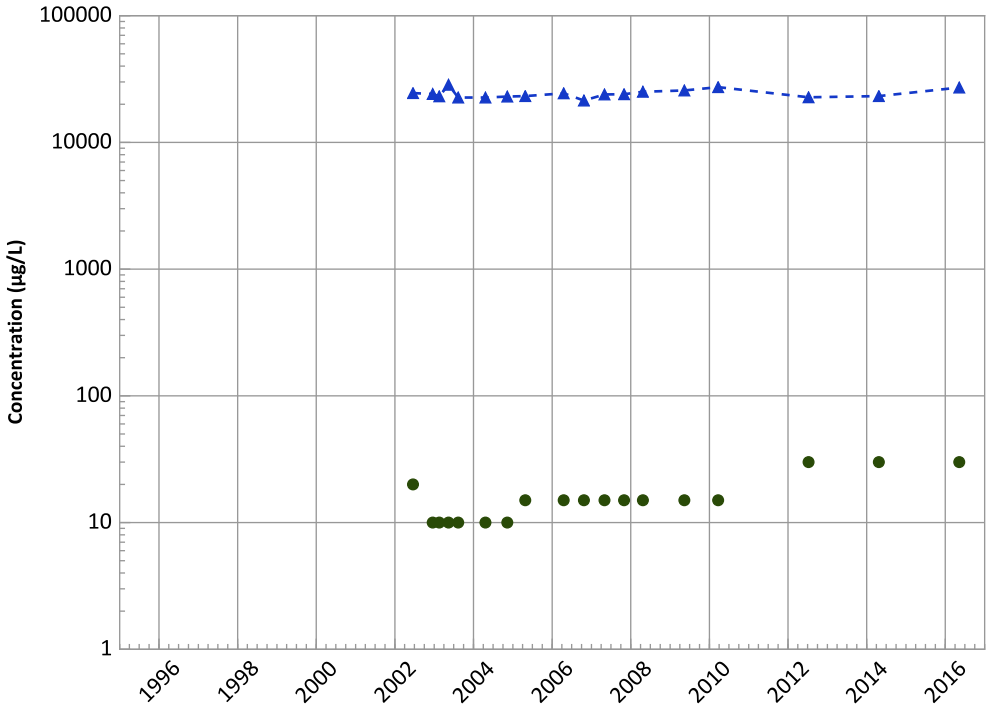
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

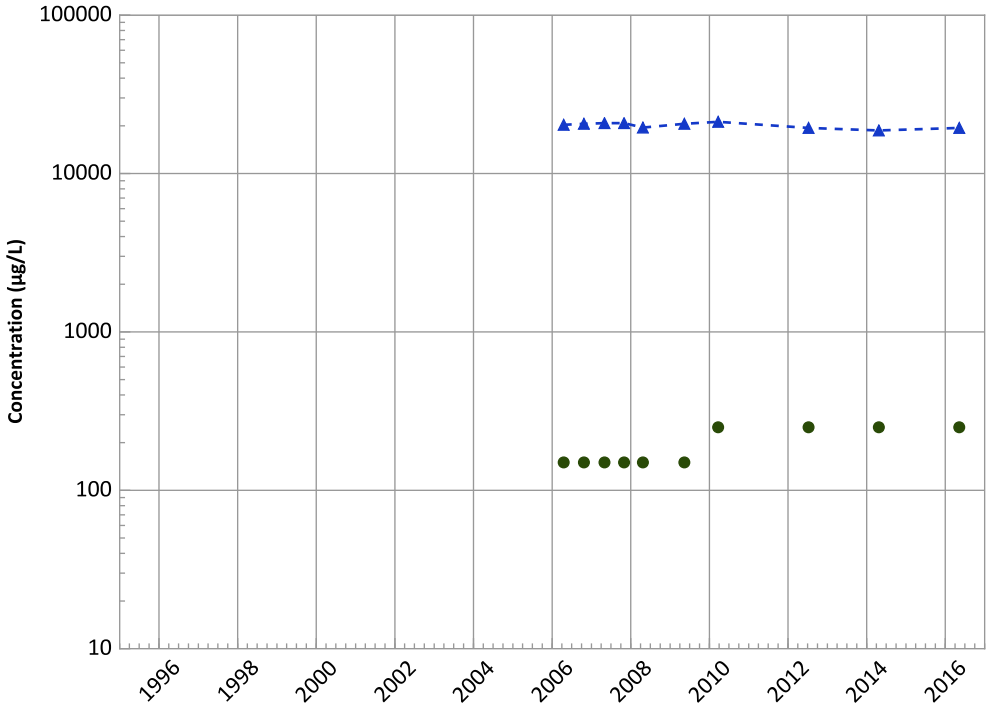


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

Sodium Trend



Concentration Trend

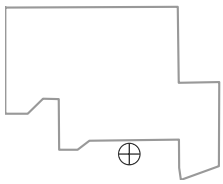
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/18/2002 to 10/11/2016
Analysis Date: 03/07/2017

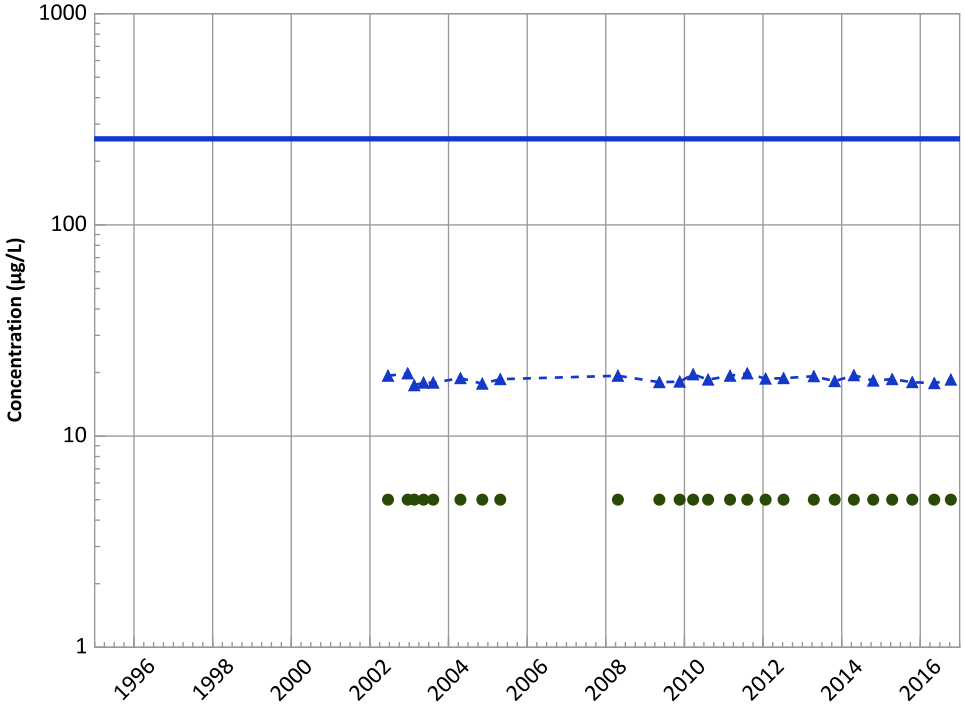
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

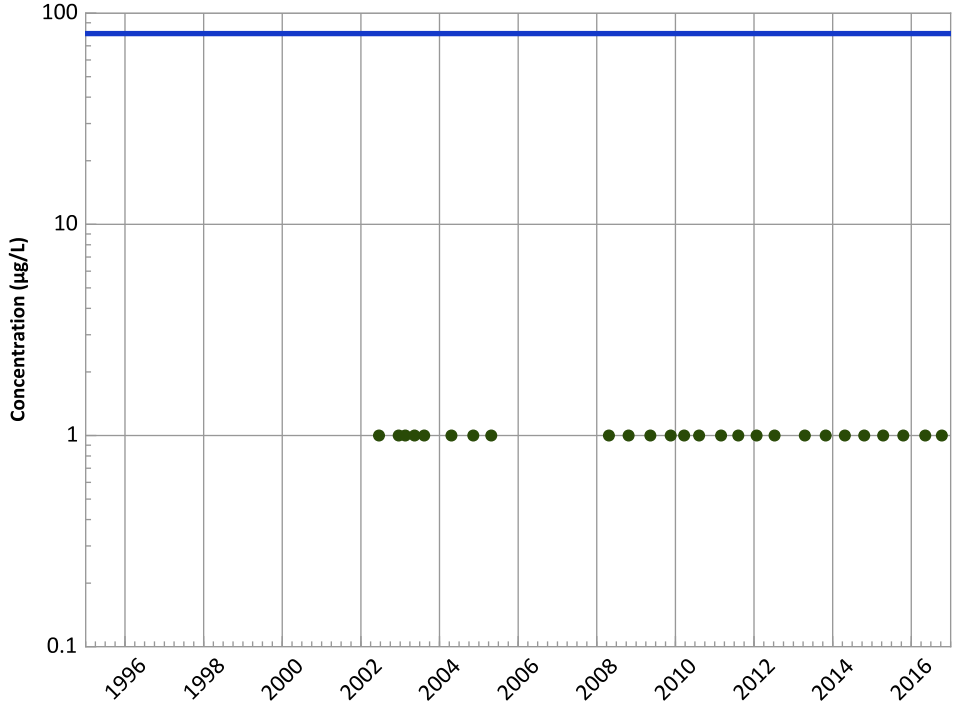


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

Chloroform Trend



Concentration Trend

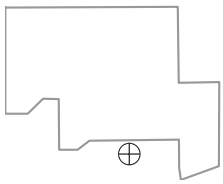
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/18/2002 to 10/11/2016
Analysis Date: 03/07/2017

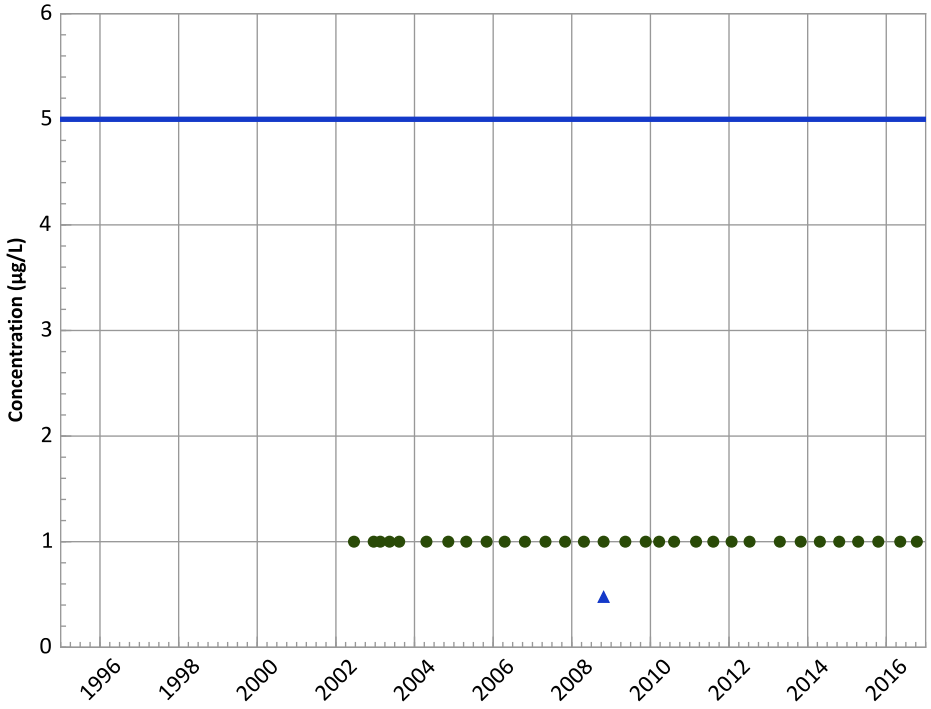
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

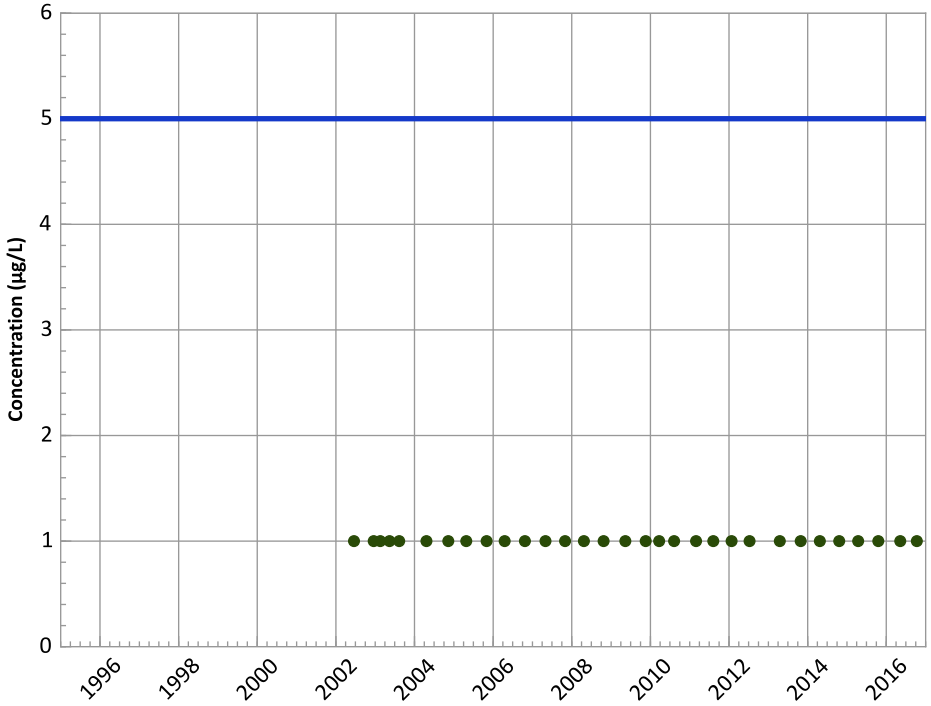


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

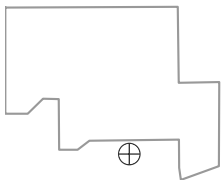
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/18/2002 to 10/11/2016
Analysis Date: 03/07/2017

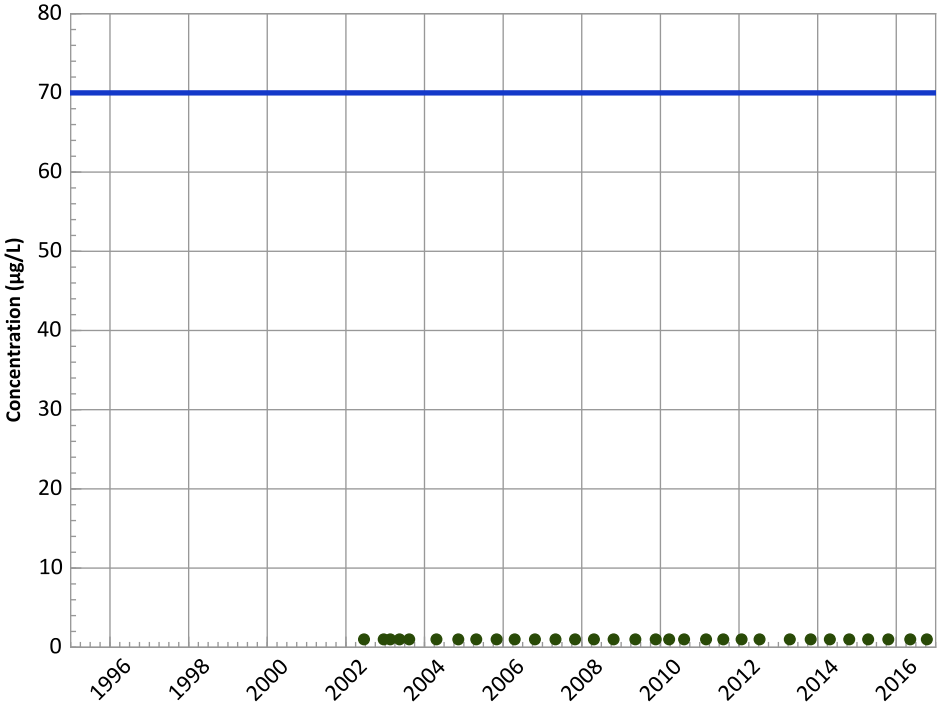
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

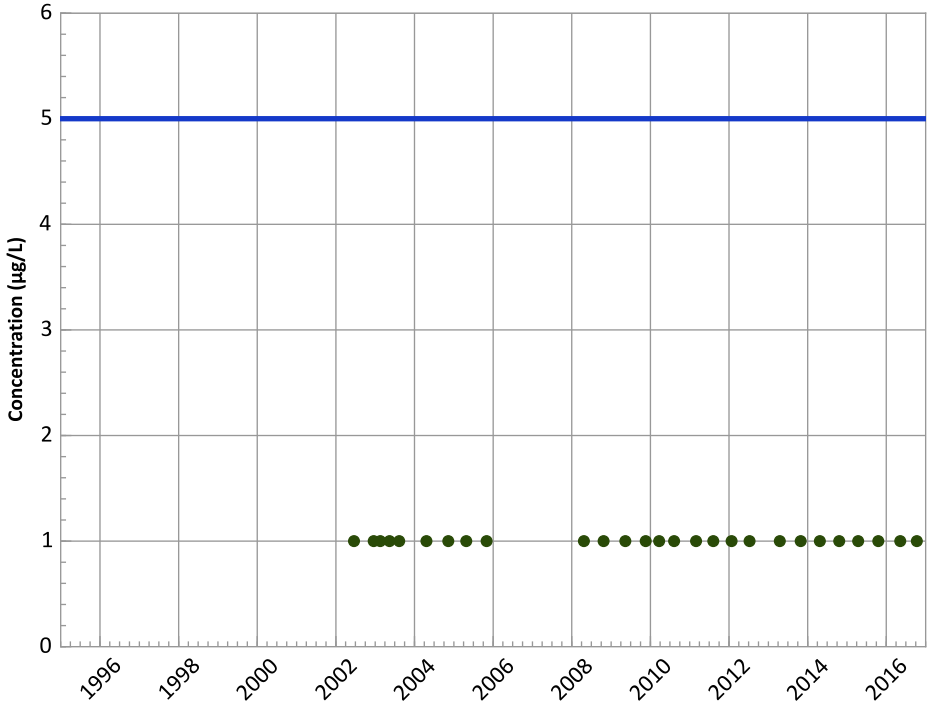


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

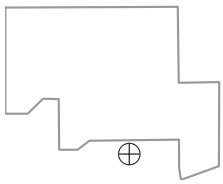
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/18/2002 to 10/11/2016
Analysis Date: 03/07/2017

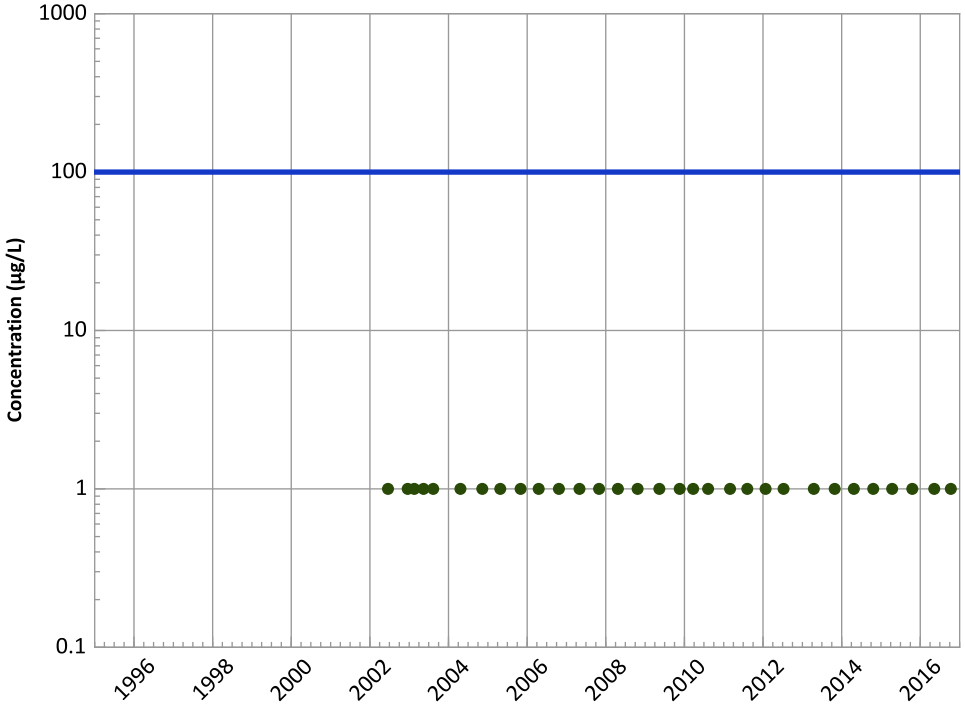
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

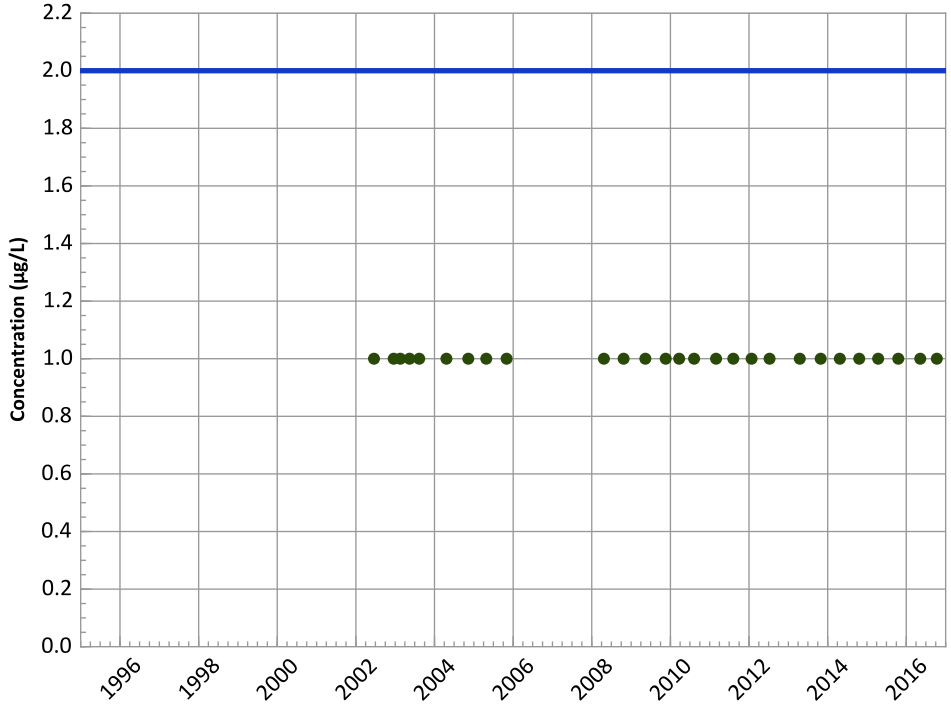


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

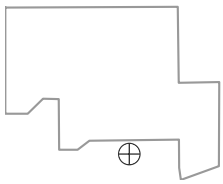
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

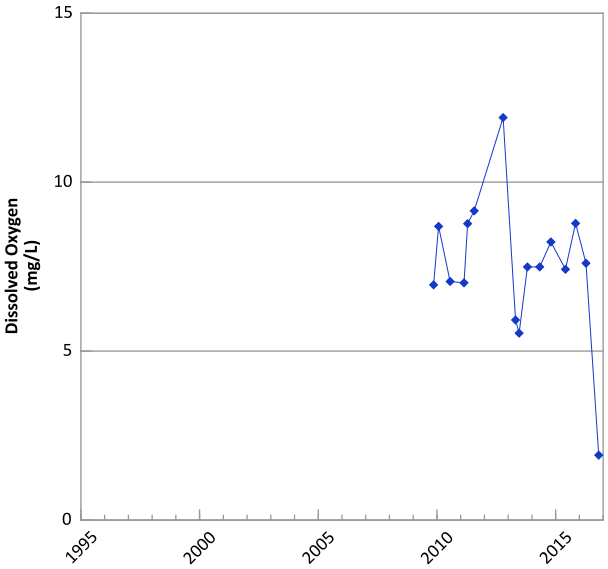
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/18/2002 to 10/11/2016
Analysis Date: 03/07/2017

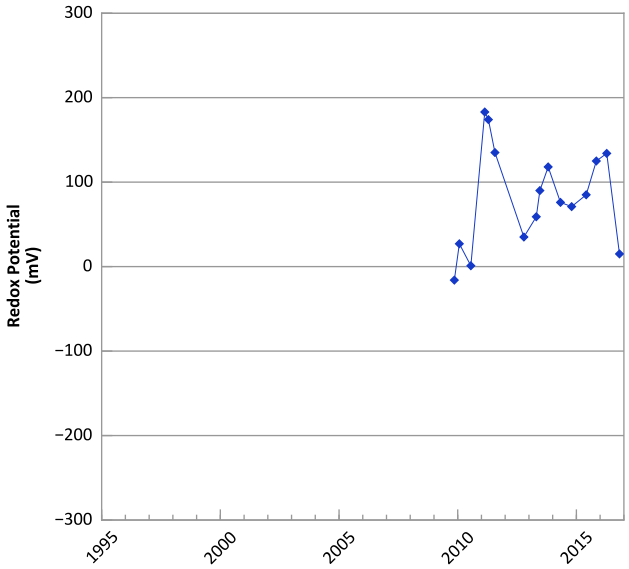
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

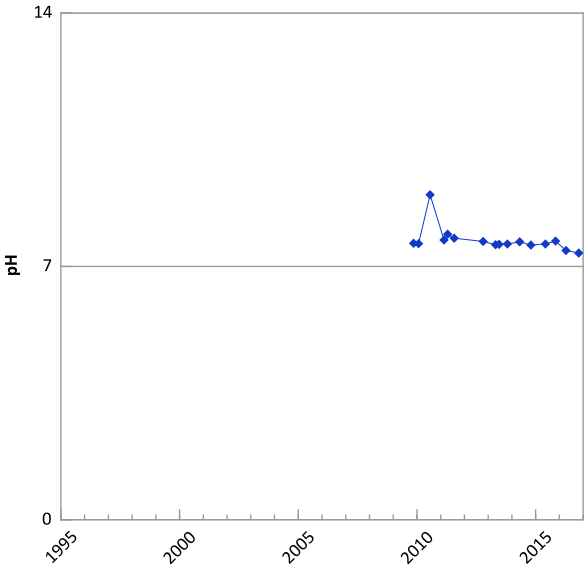
Well Location

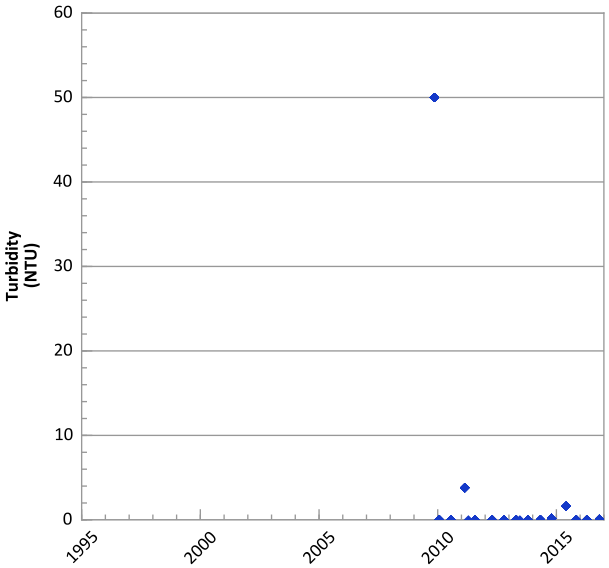


PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



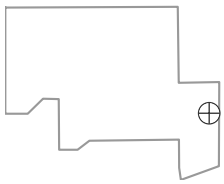






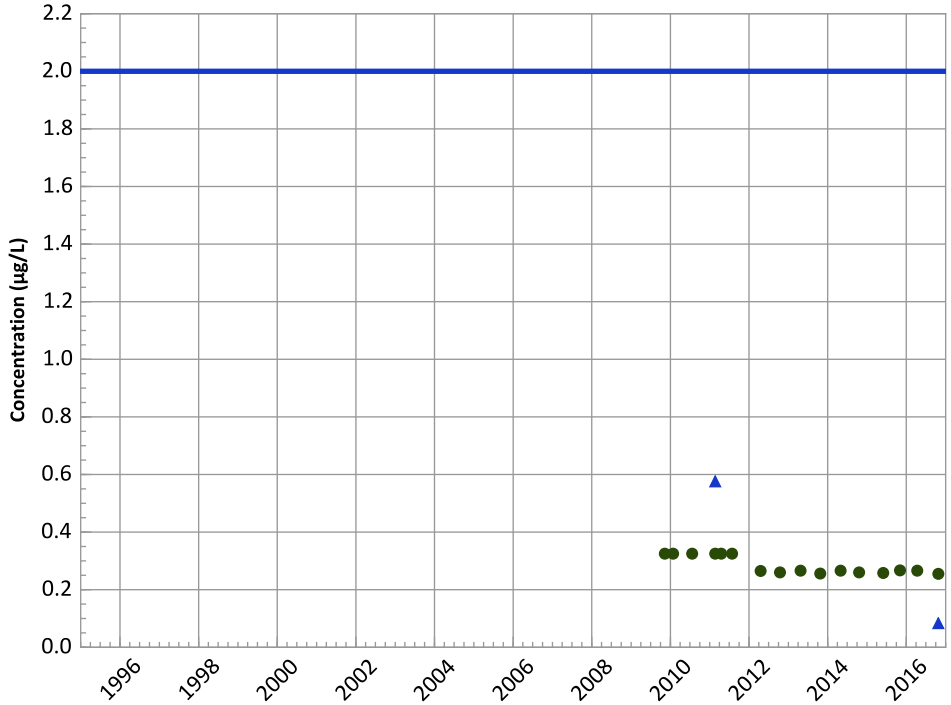
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/10/2009 to 10/25/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

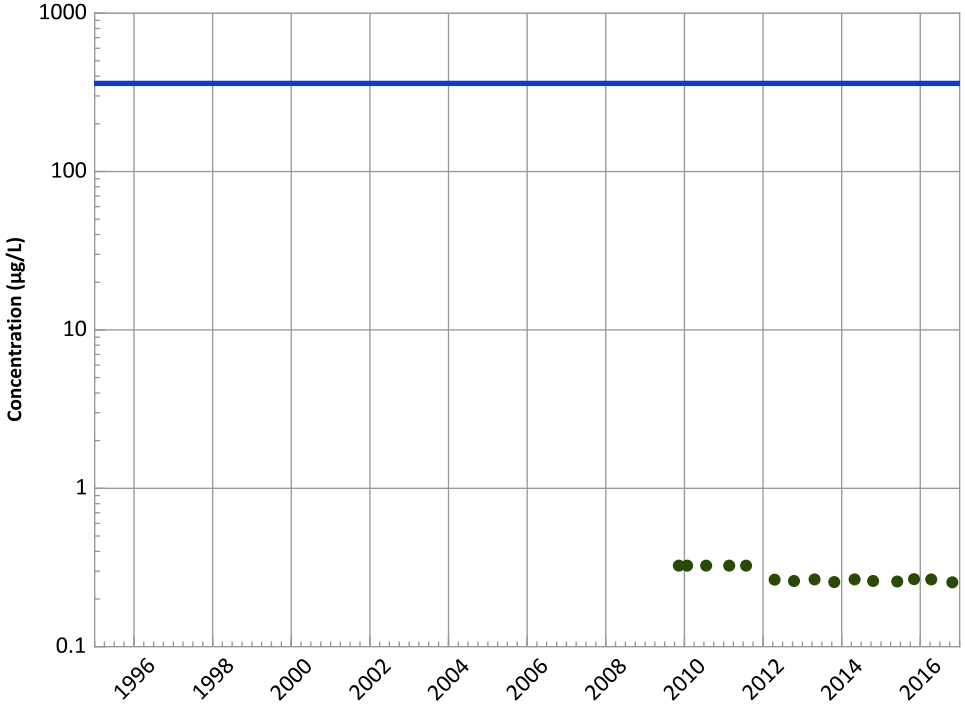


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

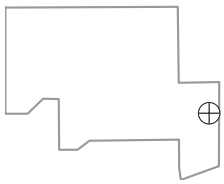
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/10/2009 to 10/25/2016
Analysis Date: 03/07/2017

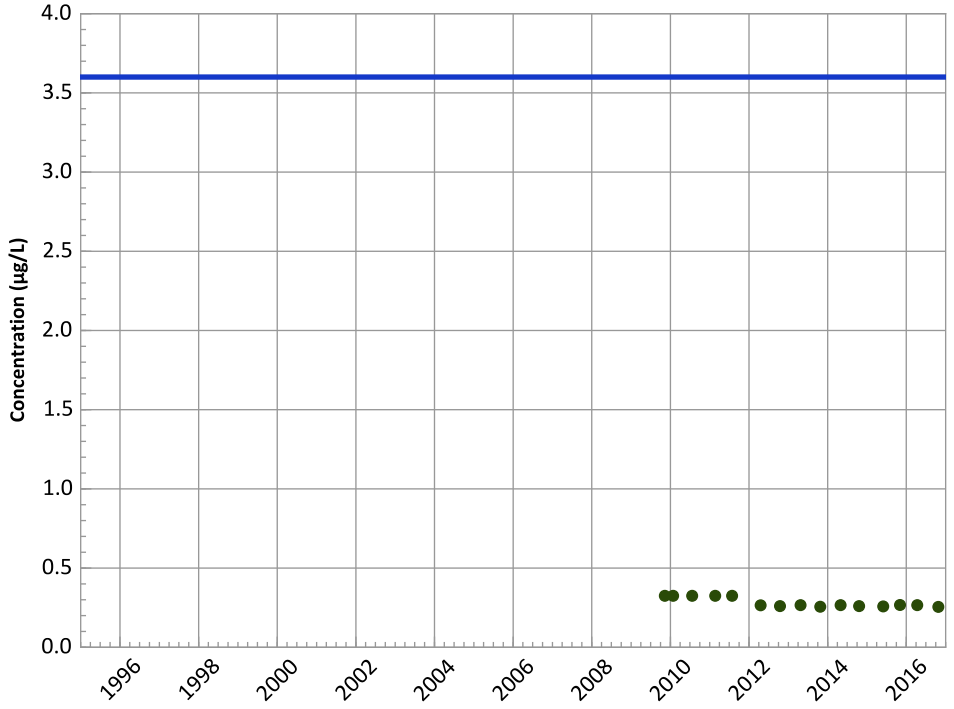
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

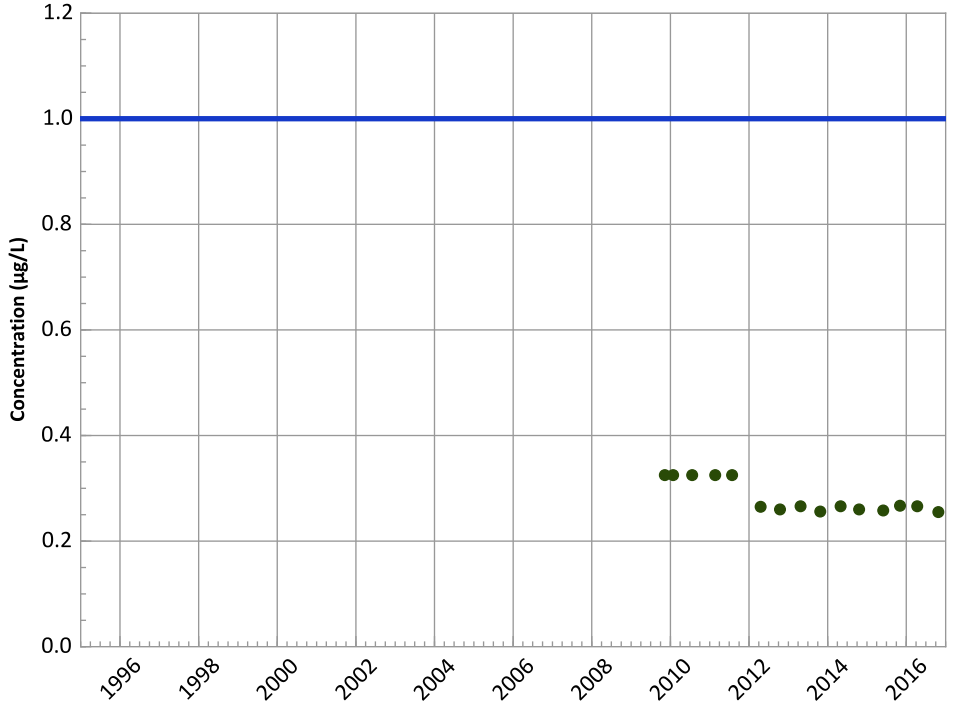


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

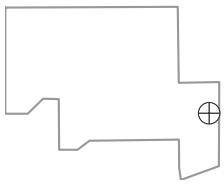
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/10/2009 to 10/25/2016
Analysis Date: 03/07/2017

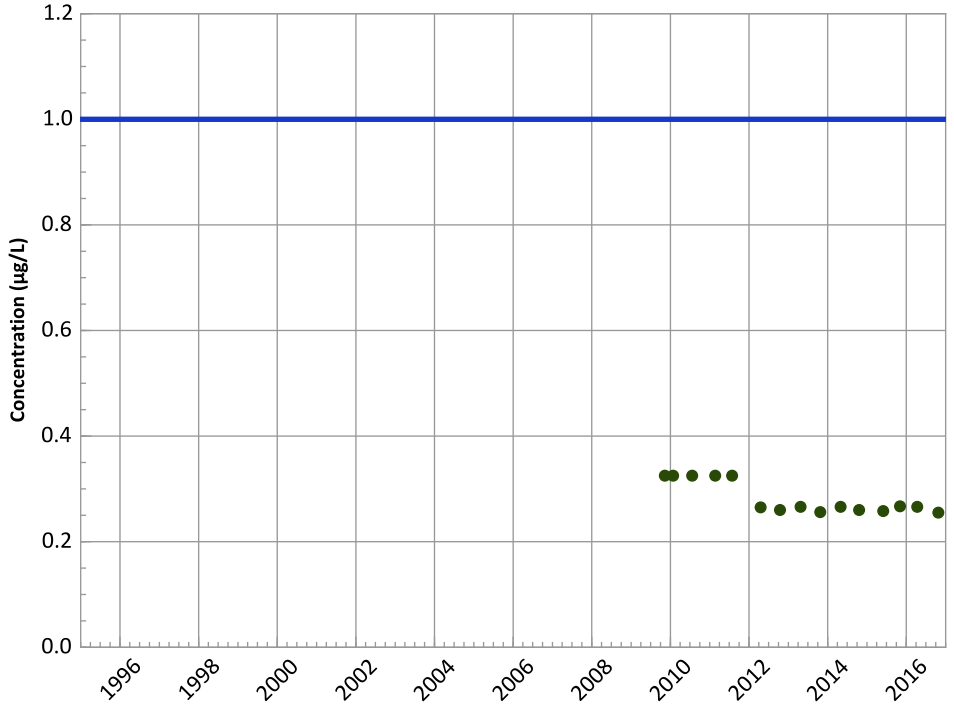
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

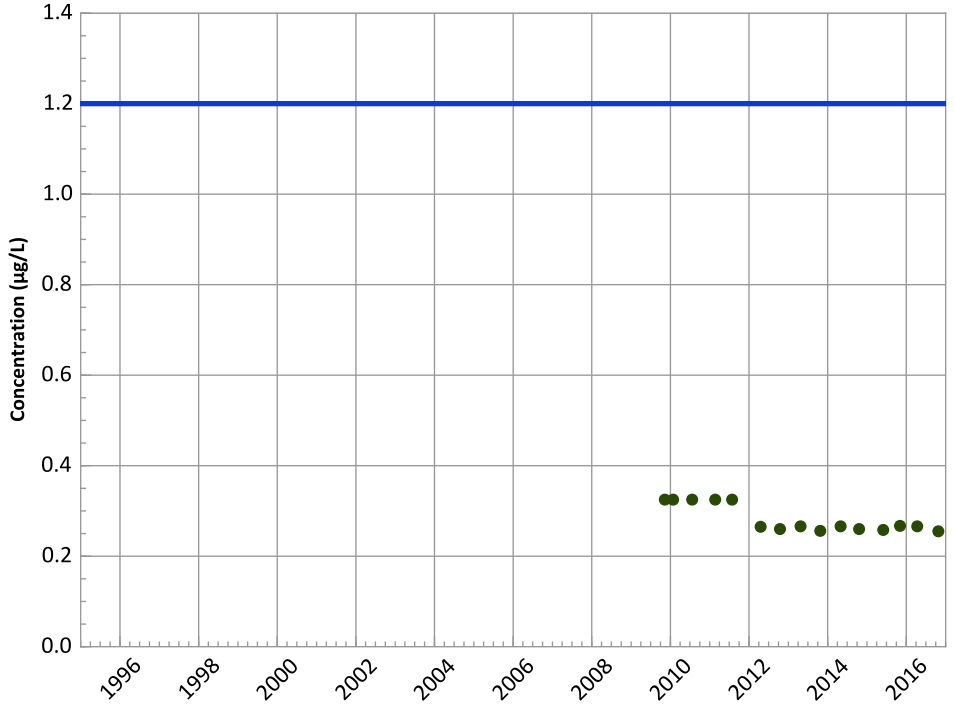


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

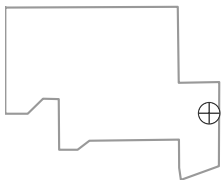
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/10/2009 to 10/25/2016
Analysis Date: 03/07/2017

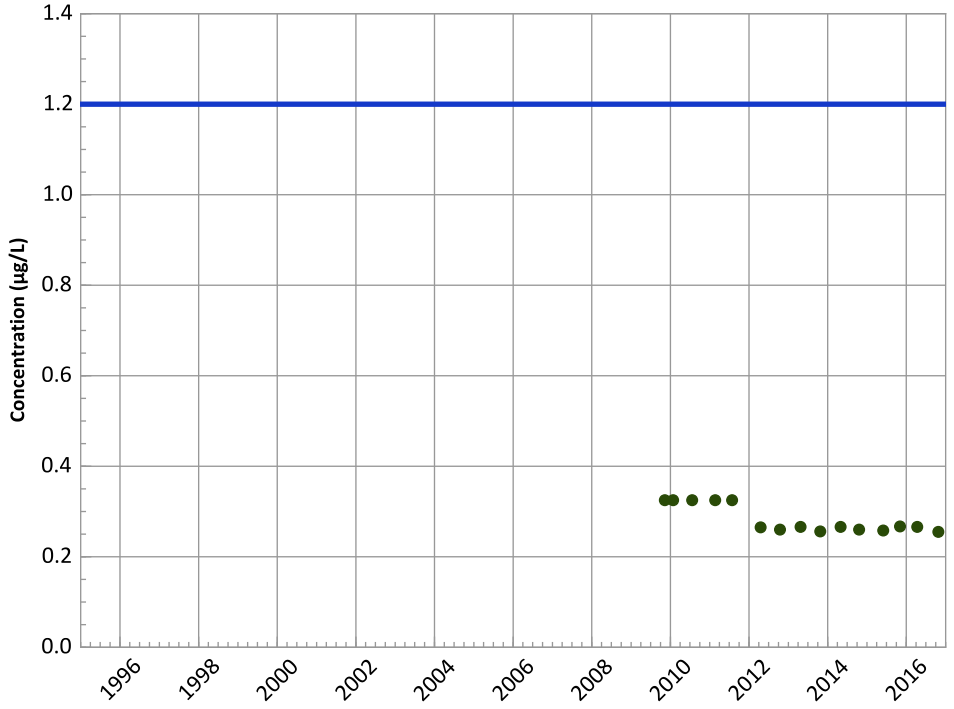
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

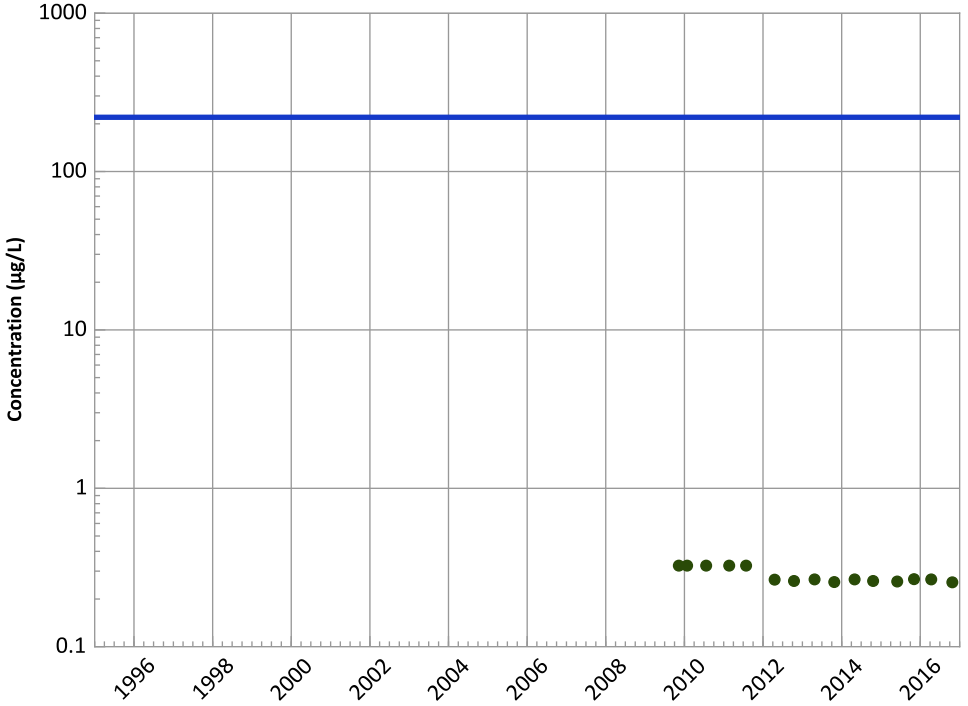


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

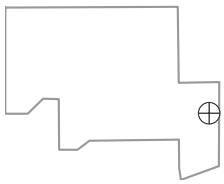
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/10/2009 to 10/25/2016
Analysis Date: 03/07/2017

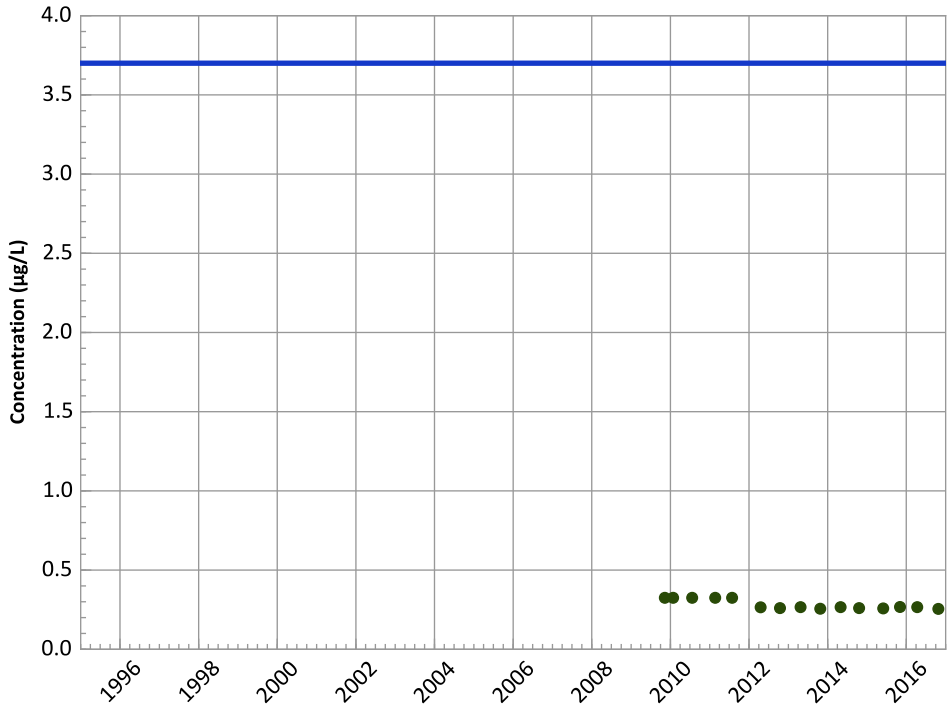
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

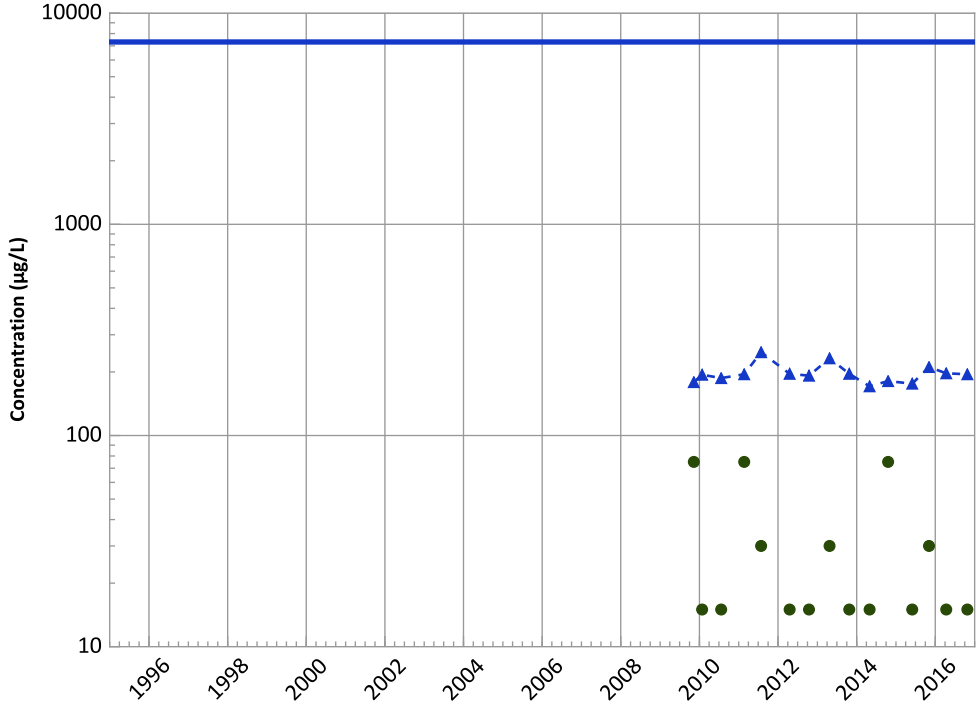


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Boron Trend



Concentration Trend

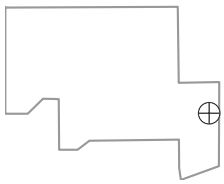
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/10/2009 to 10/25/2016
Analysis Date: 03/07/2017

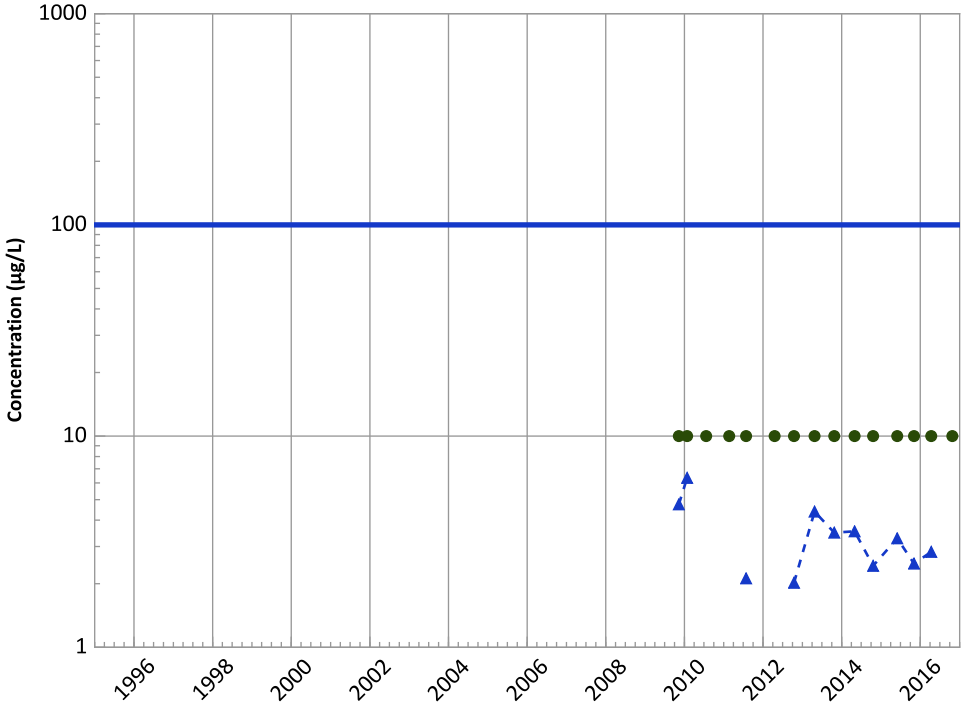
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

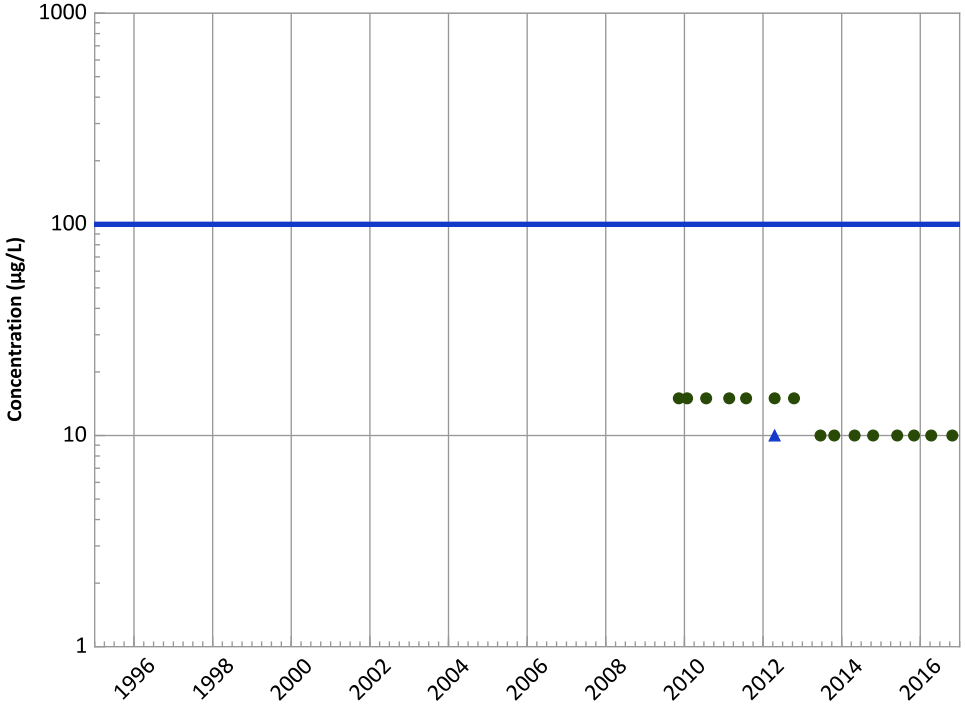


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

Chromium, Hexavalent Trend



Concentration Trend

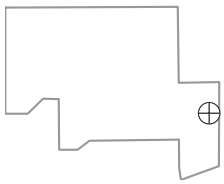
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/10/2009 to 10/25/2016
Analysis Date: 03/07/2017

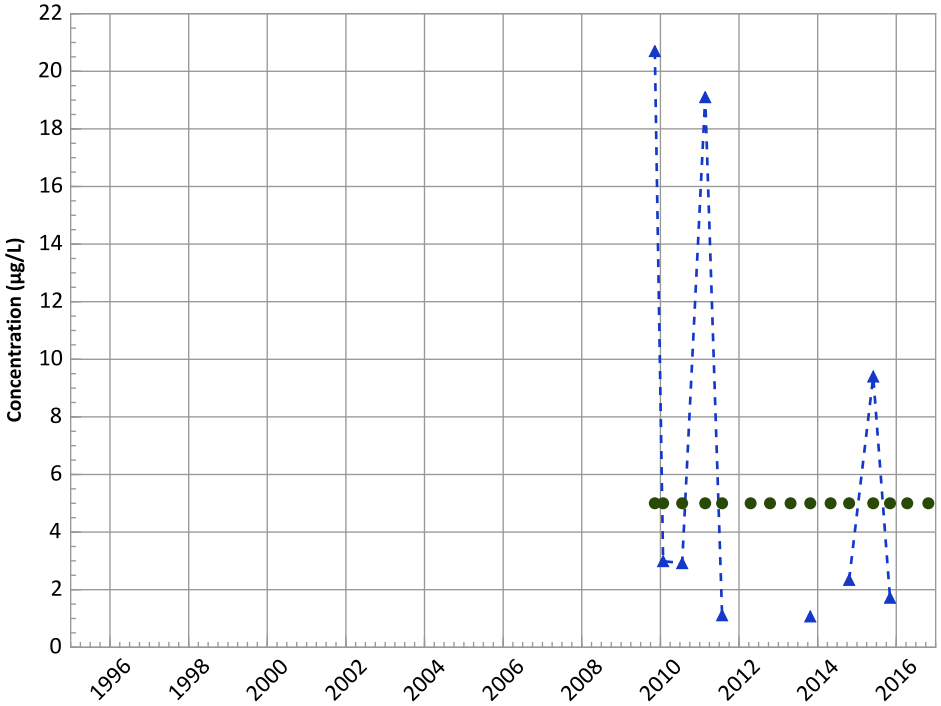
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

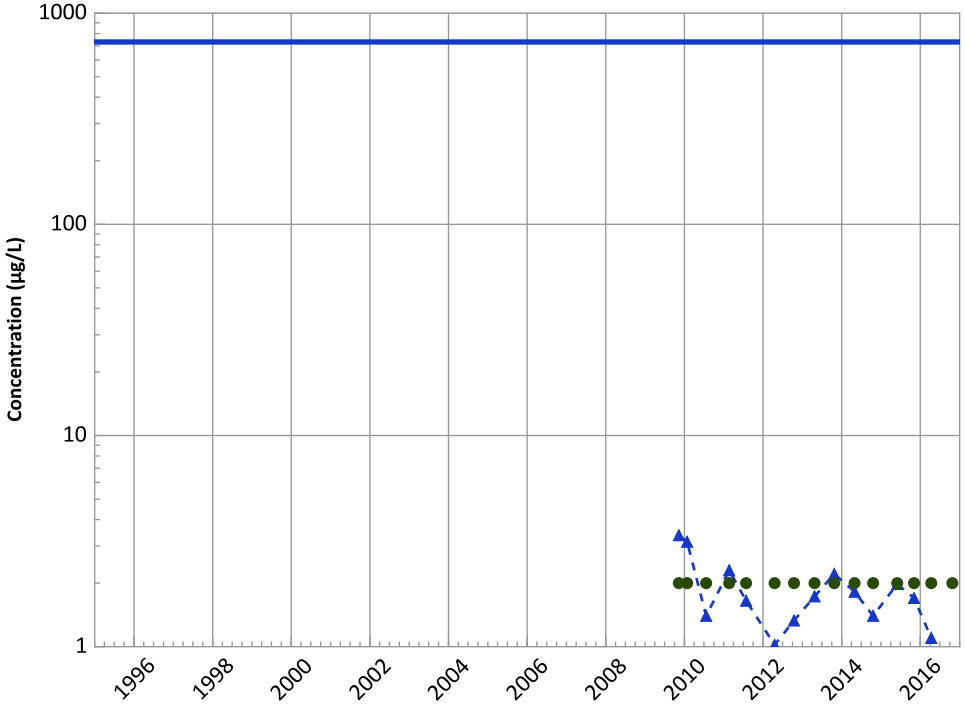


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Nickel Trend



Concentration Trend

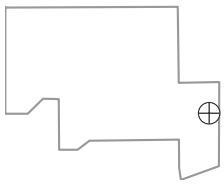
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/10/2009 to 10/25/2016
Analysis Date: 03/07/2017

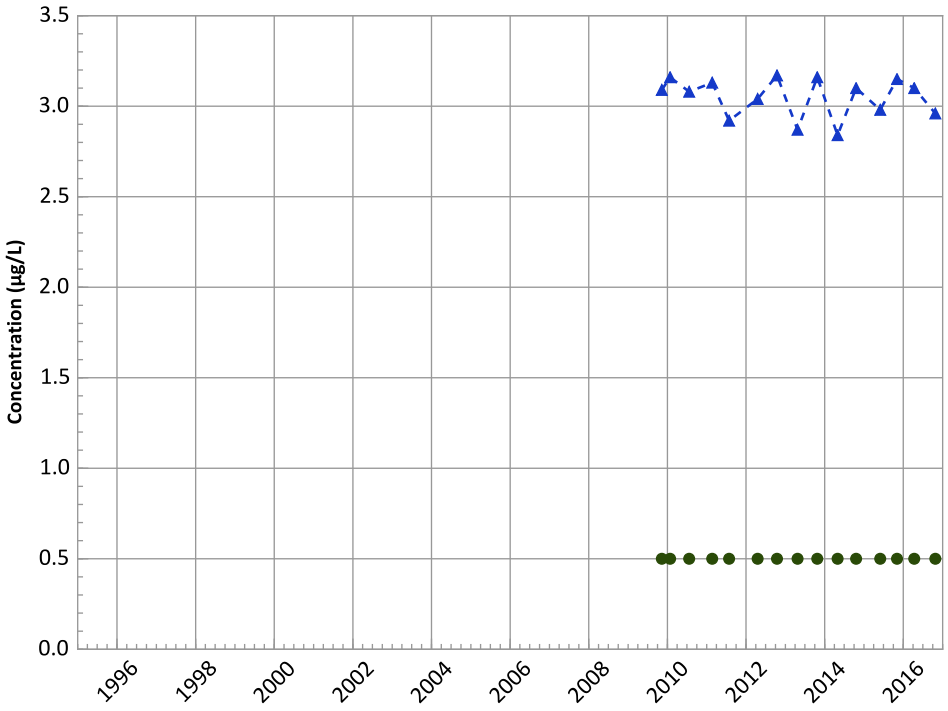
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

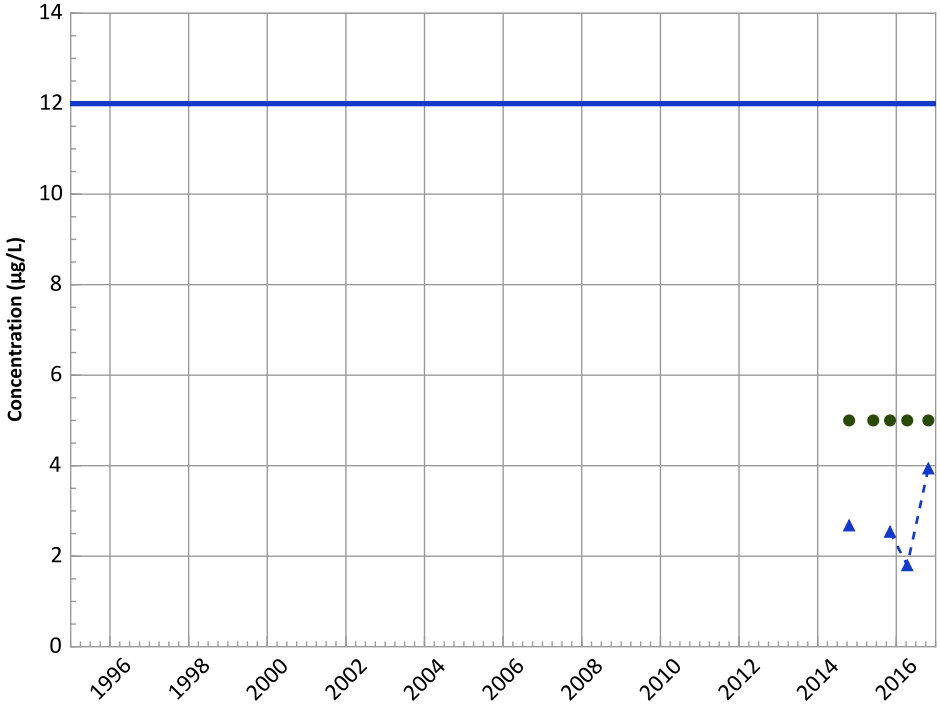


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Arsenic Trend



Concentration Trend

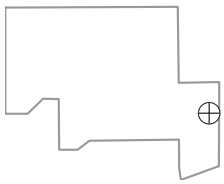
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/10/2009 to 10/25/2016
Analysis Date: 03/07/2017

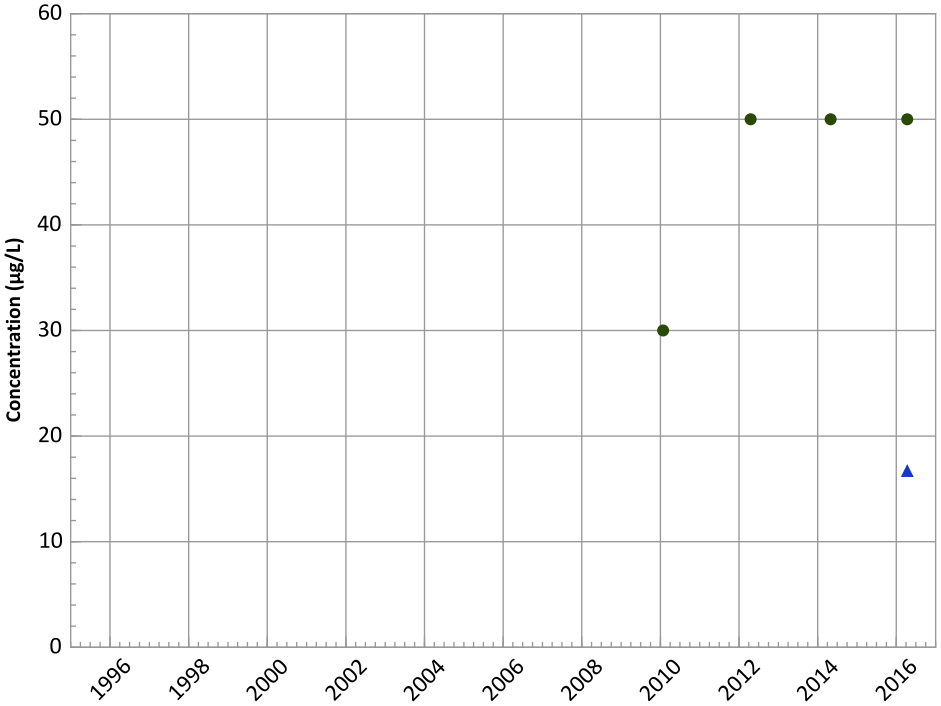
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

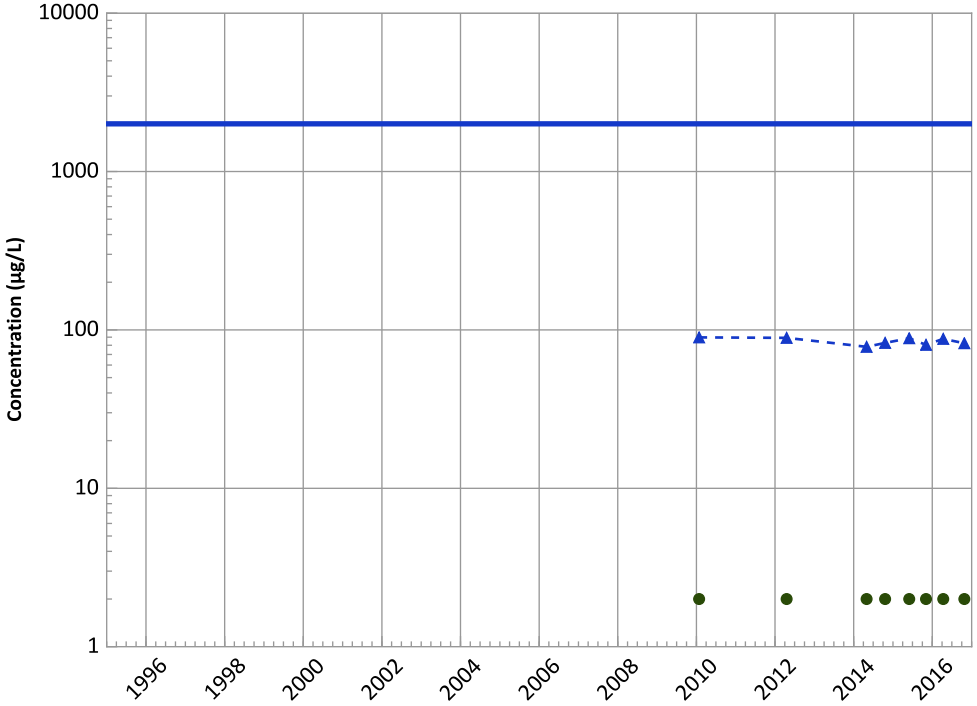


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

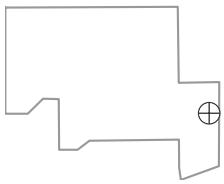
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/10/2009 to 10/25/2016
Analysis Date: 03/07/2017

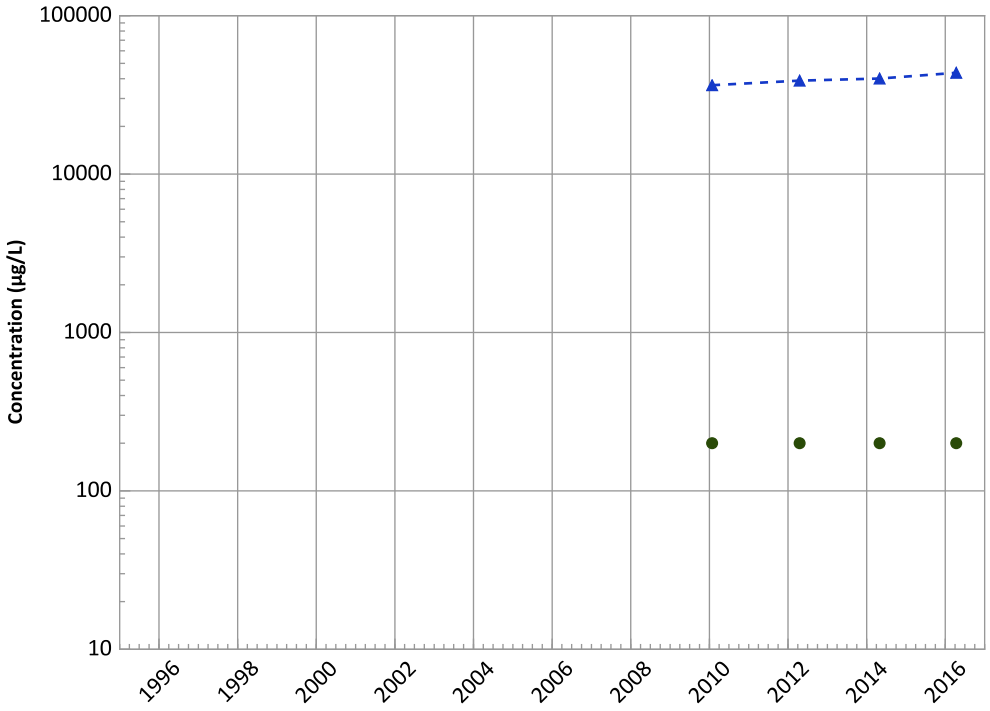
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

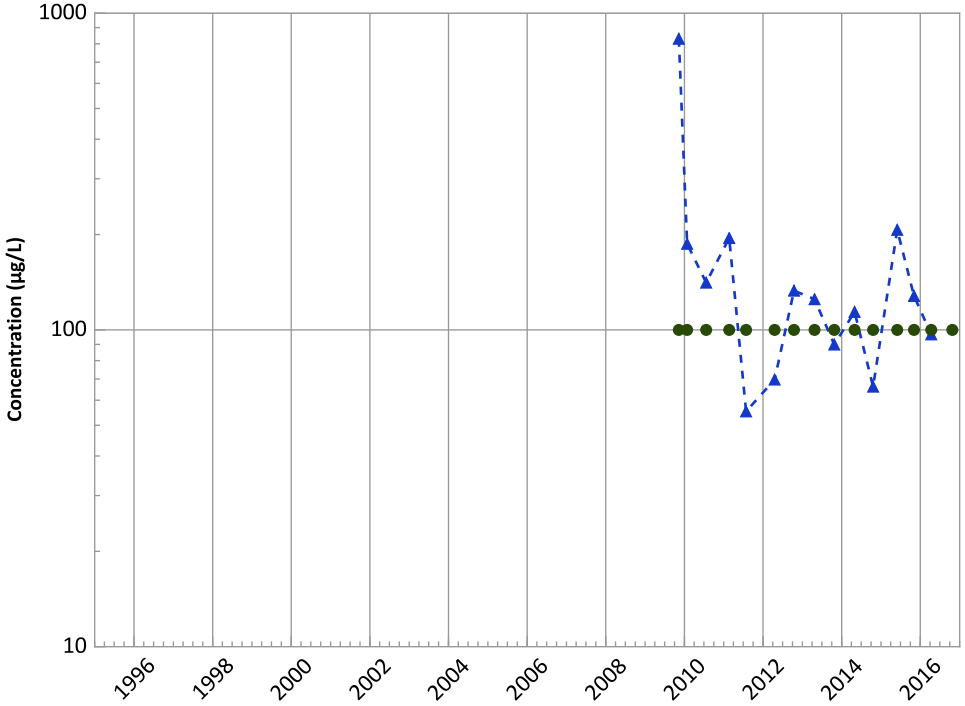


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Iron Trend



Concentration Trend

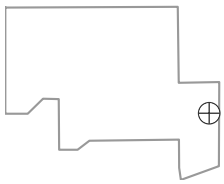
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/10/2009 to 10/25/2016
Analysis Date: 03/07/2017

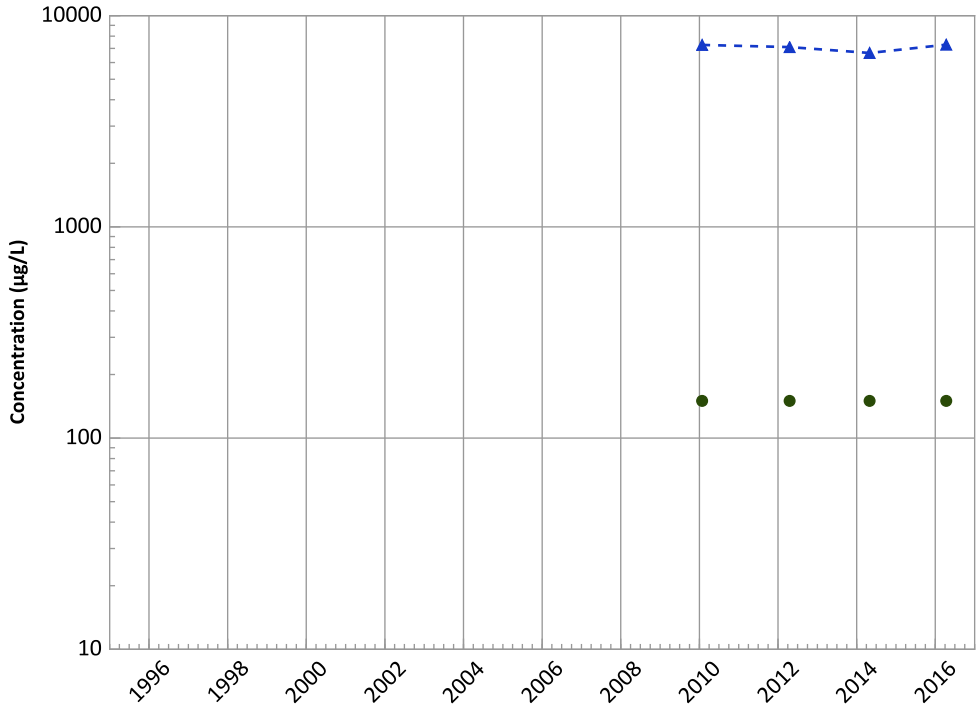
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

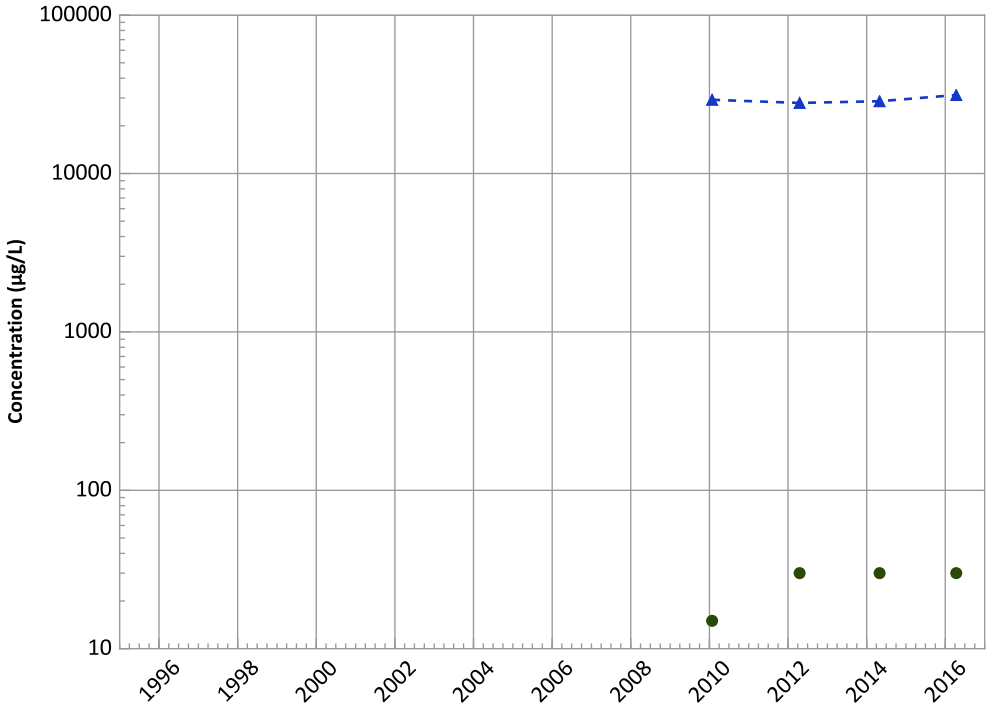


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Magnesium Trend



Concentration Trend

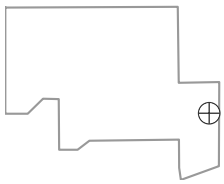
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/10/2009 to 10/25/2016
Analysis Date: 03/07/2017

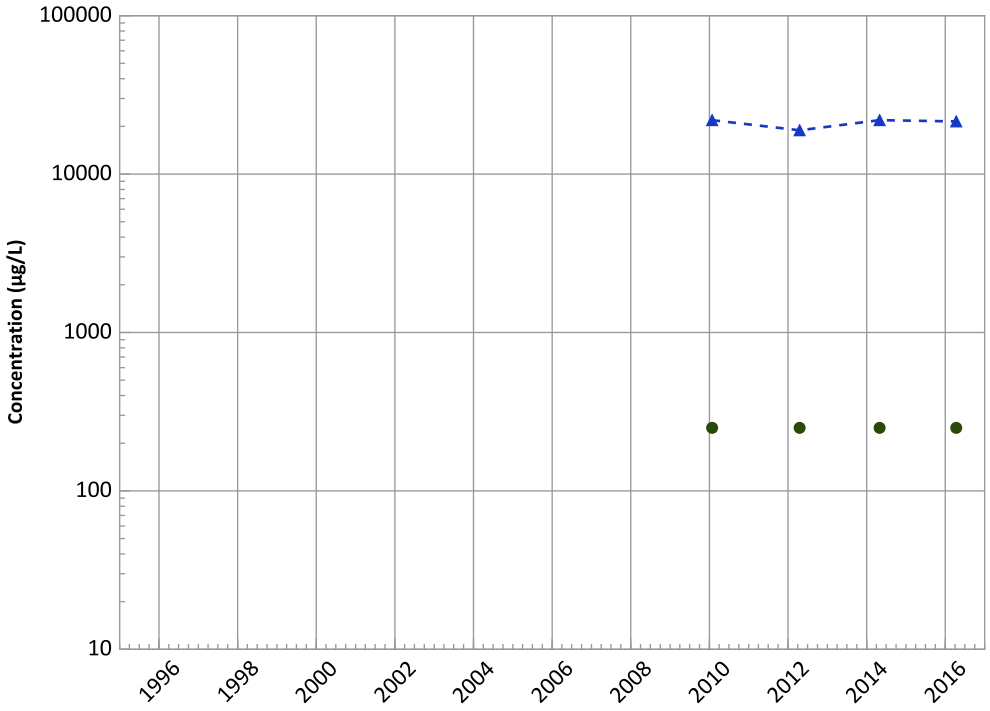
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend

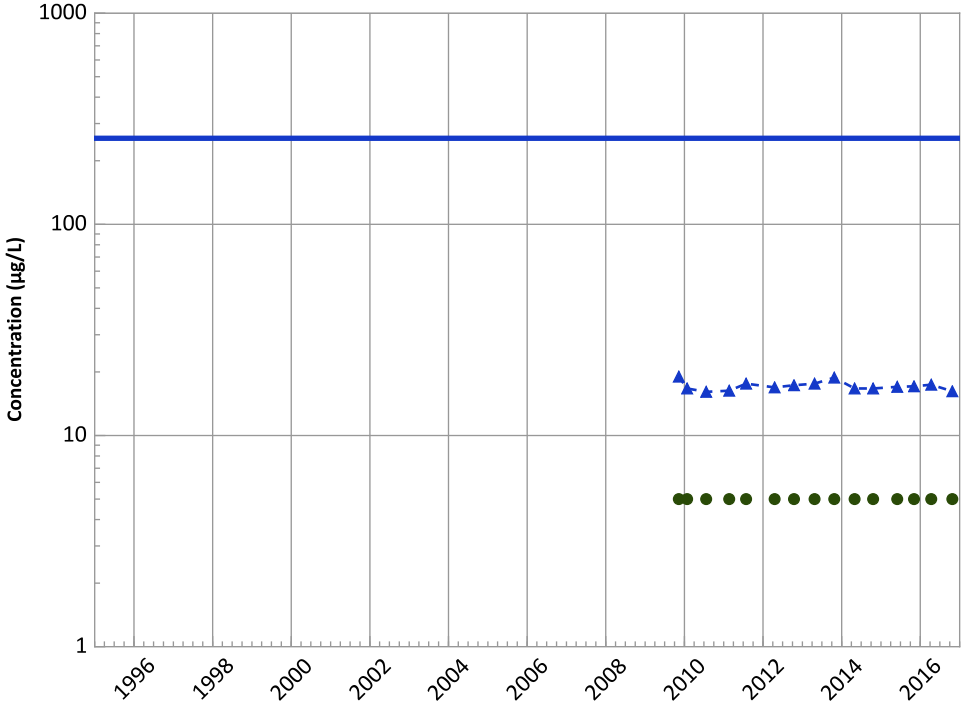


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Vanadium Trend



Concentration Trend

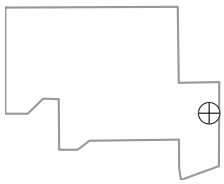
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/10/2009 to 10/25/2016
Analysis Date: 03/07/2017

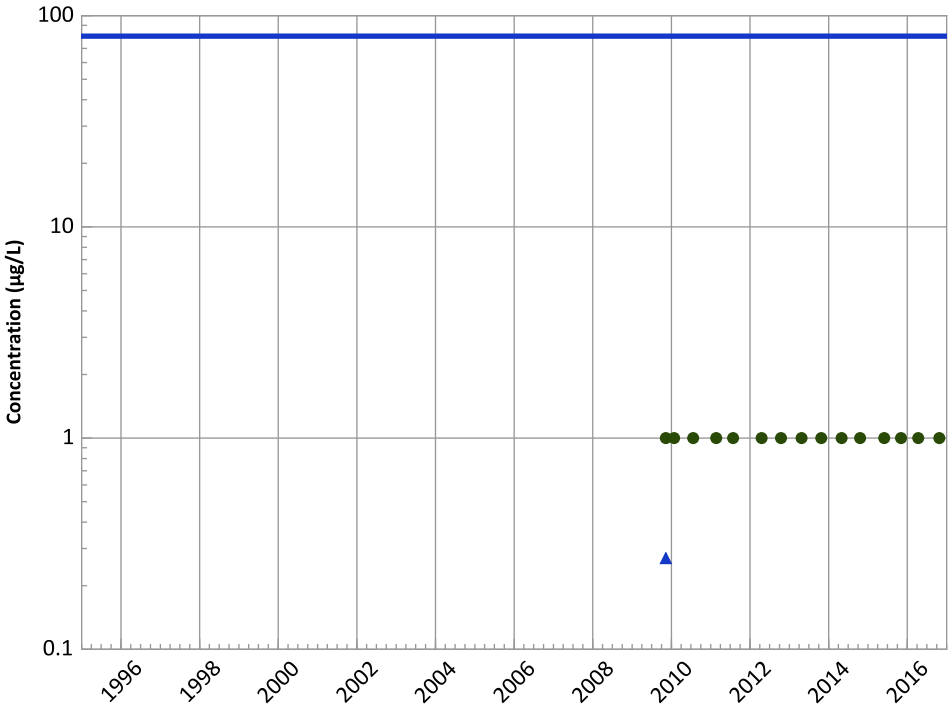
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

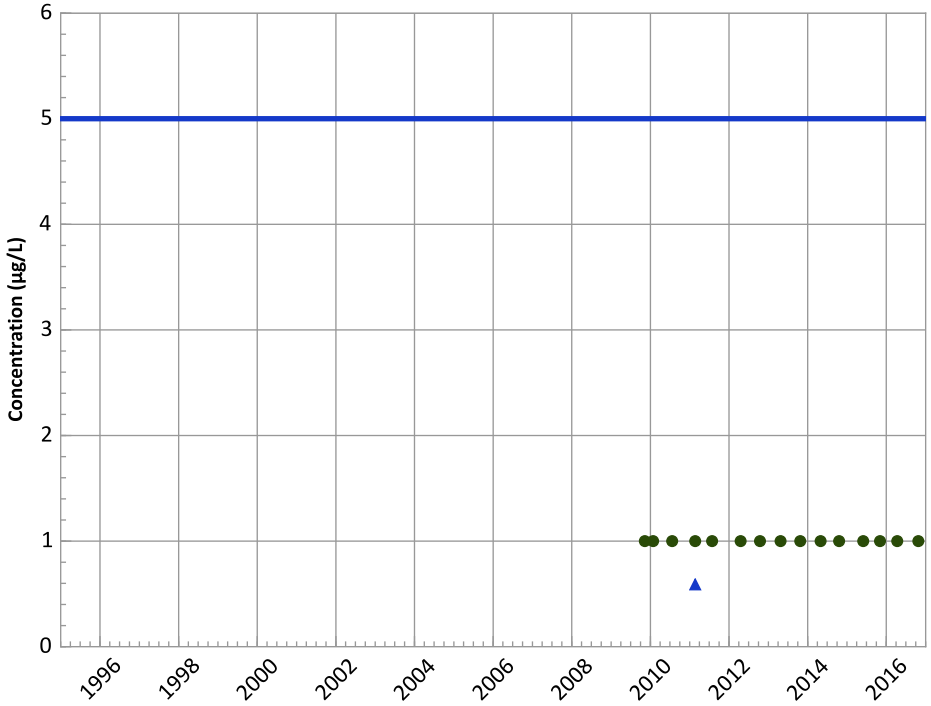


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

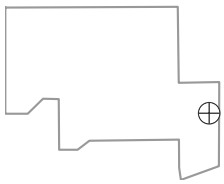
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/10/2009 to 10/25/2016
Analysis Date: 03/07/2017

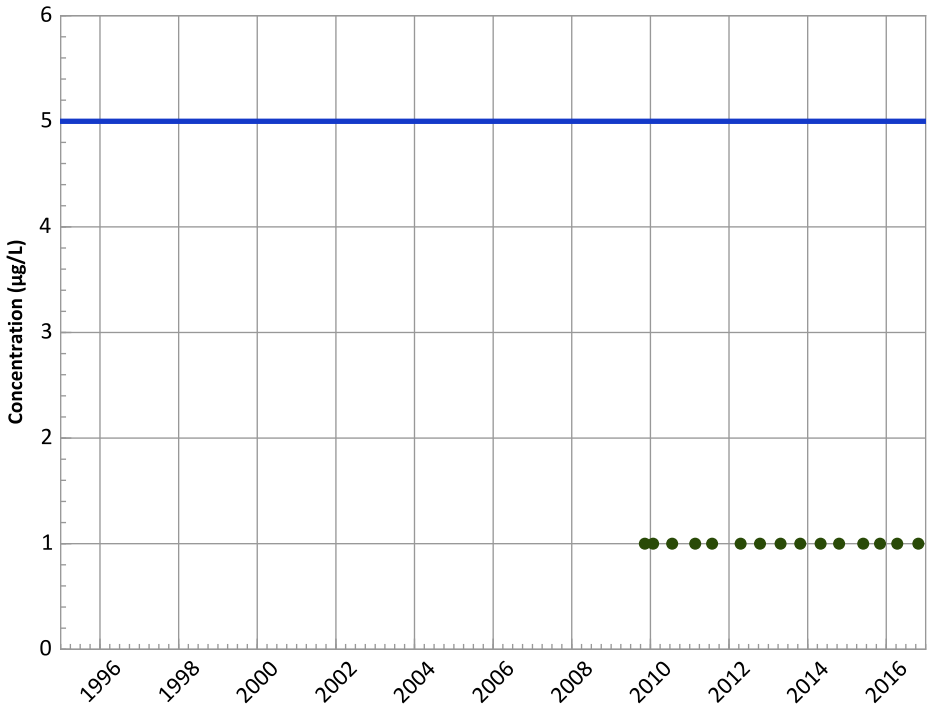
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

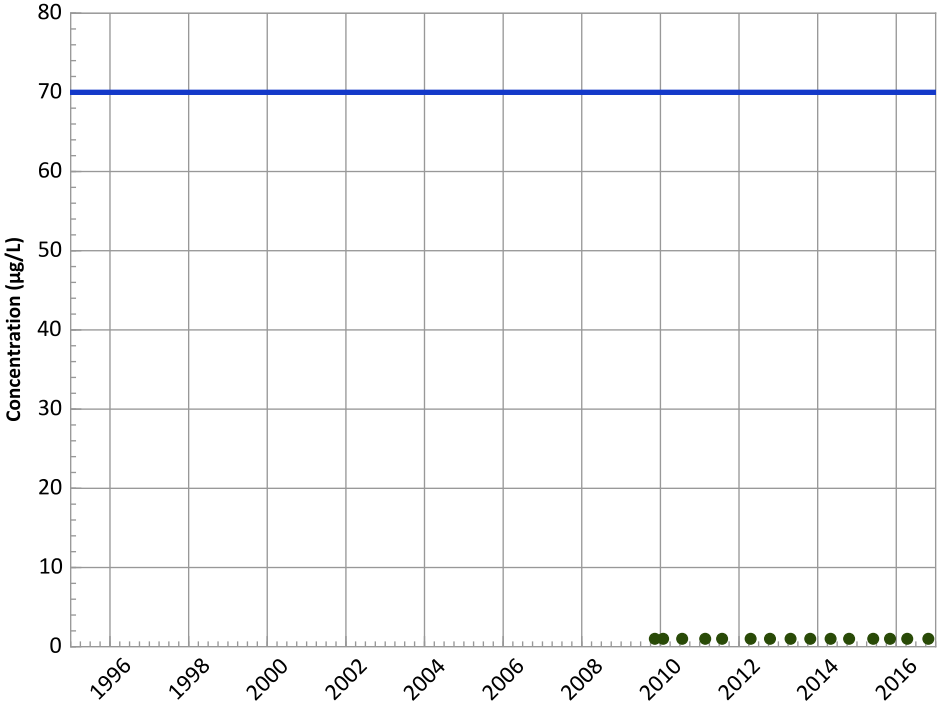


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

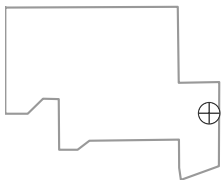
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/10/2009 to 10/25/2016
Analysis Date: 03/07/2017

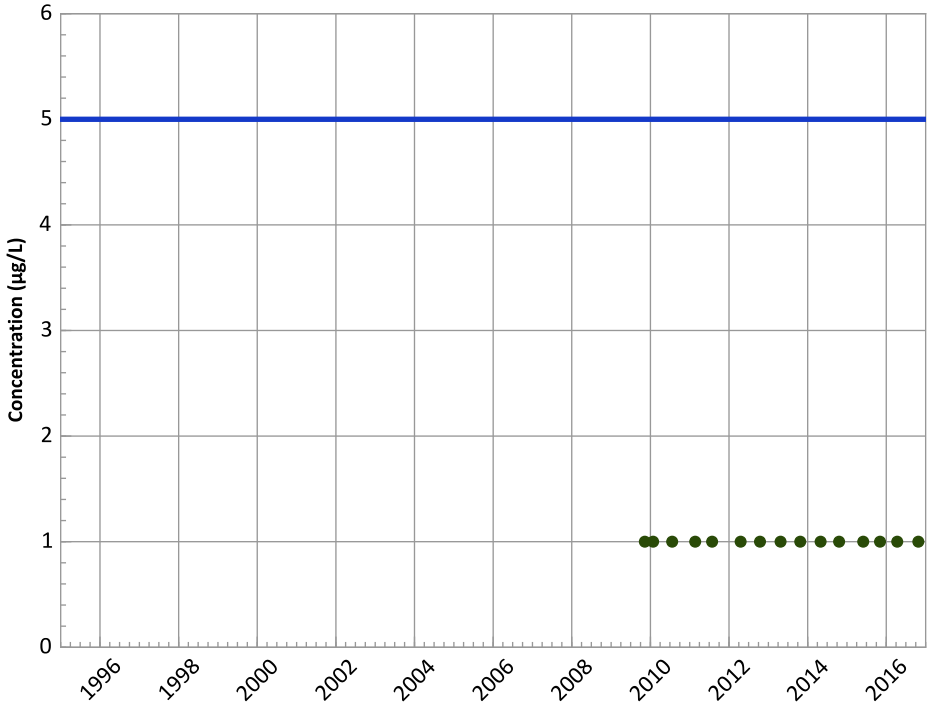
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

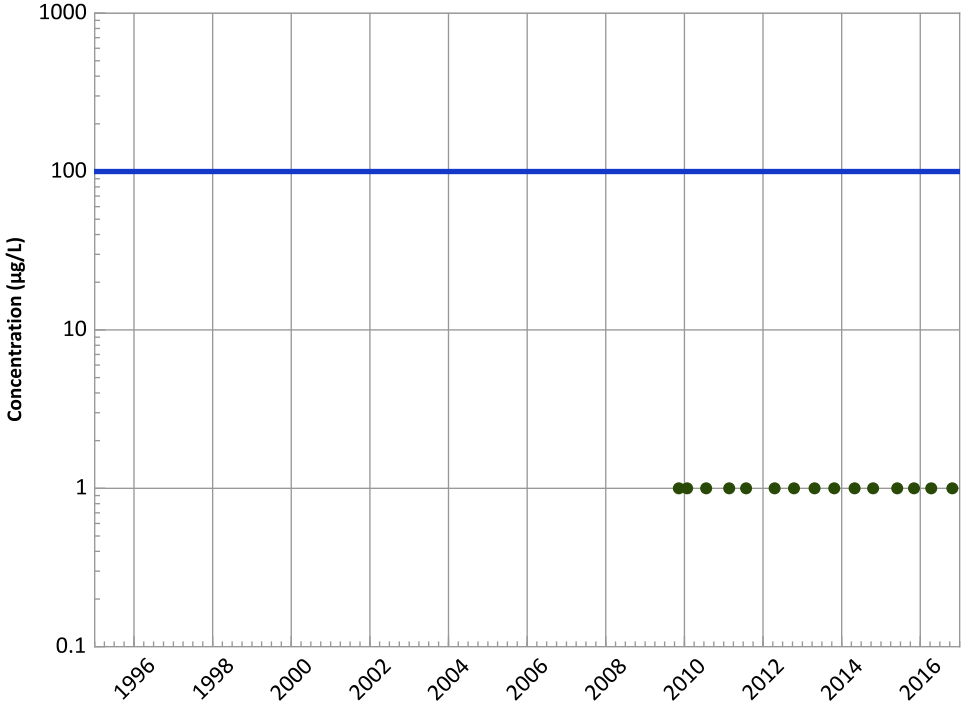


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

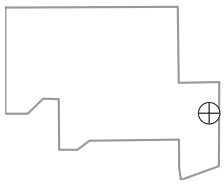
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/10/2009 to 10/25/2016
Analysis Date: 03/07/2017

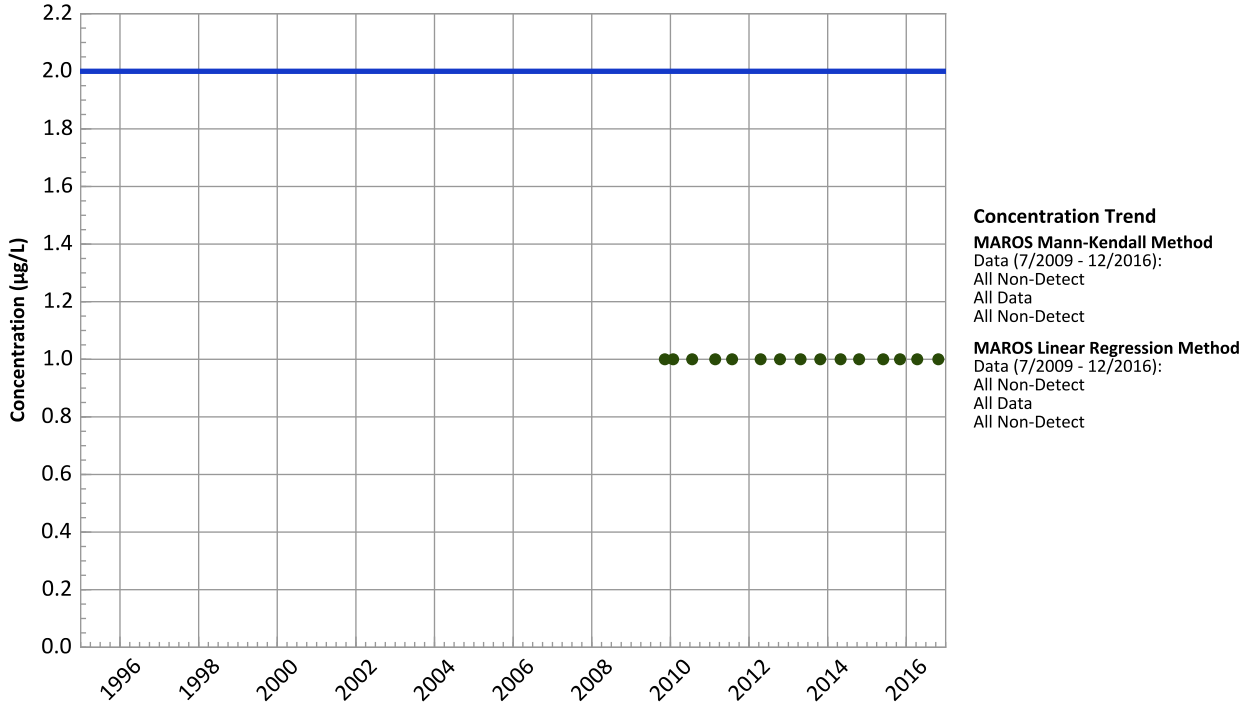
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

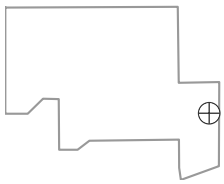
Vinyl Chloride Trend



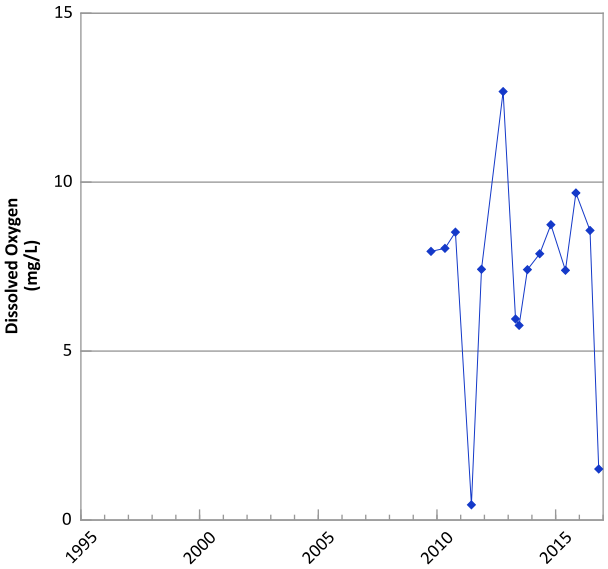
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/10/2009 to 10/25/2016
Analysis Date: 03/07/2017

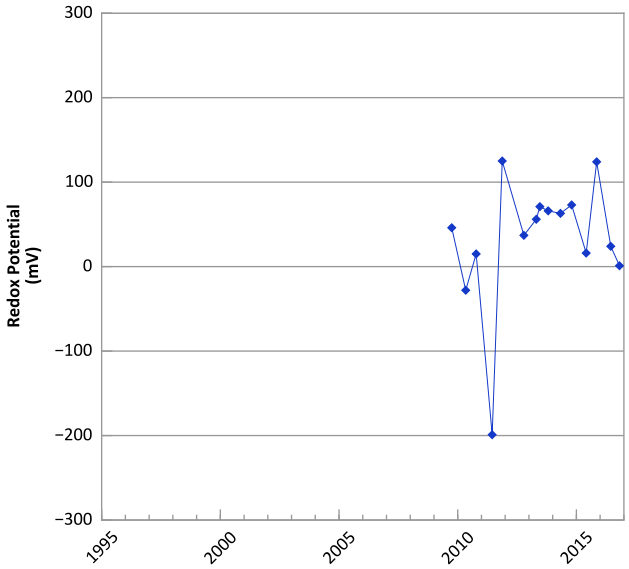
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

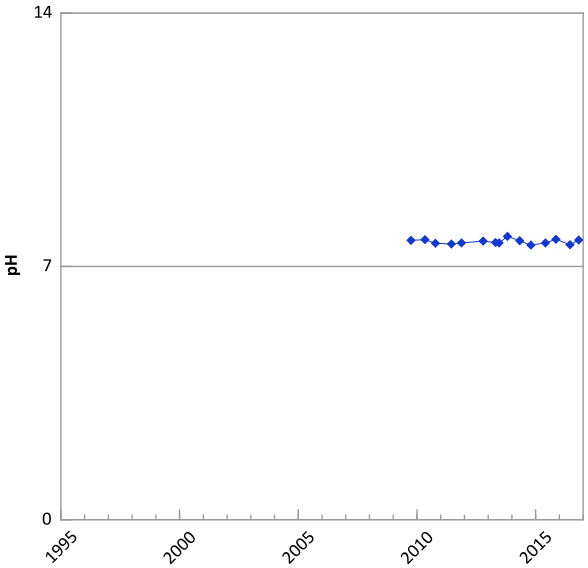
Well Location

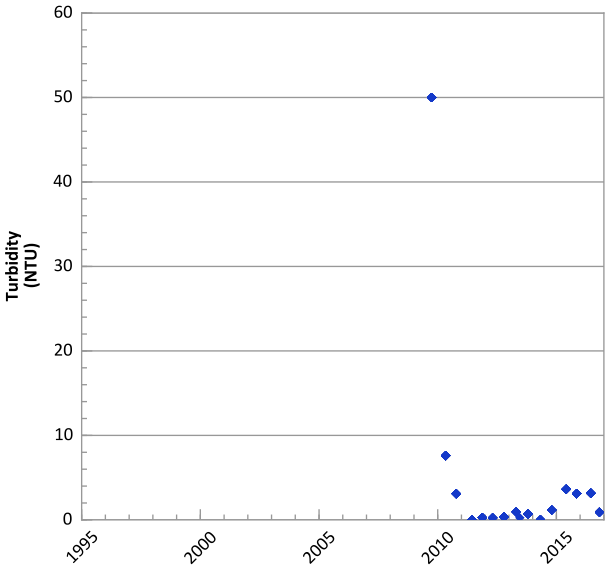


PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



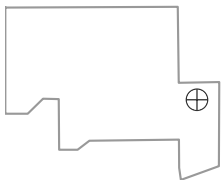






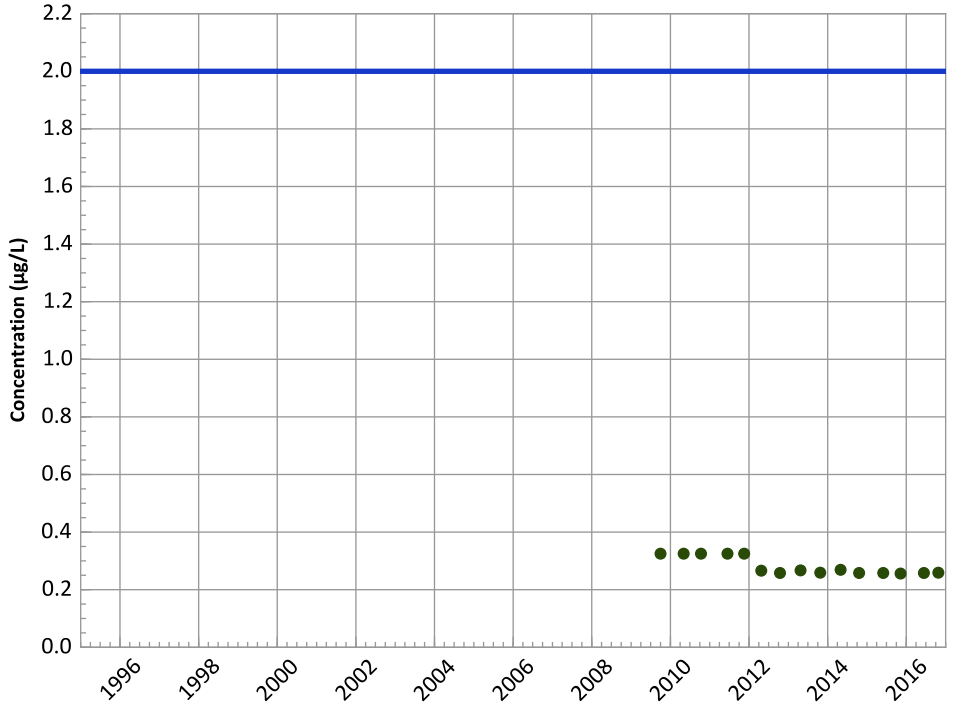
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/01/2009 to 10/25/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

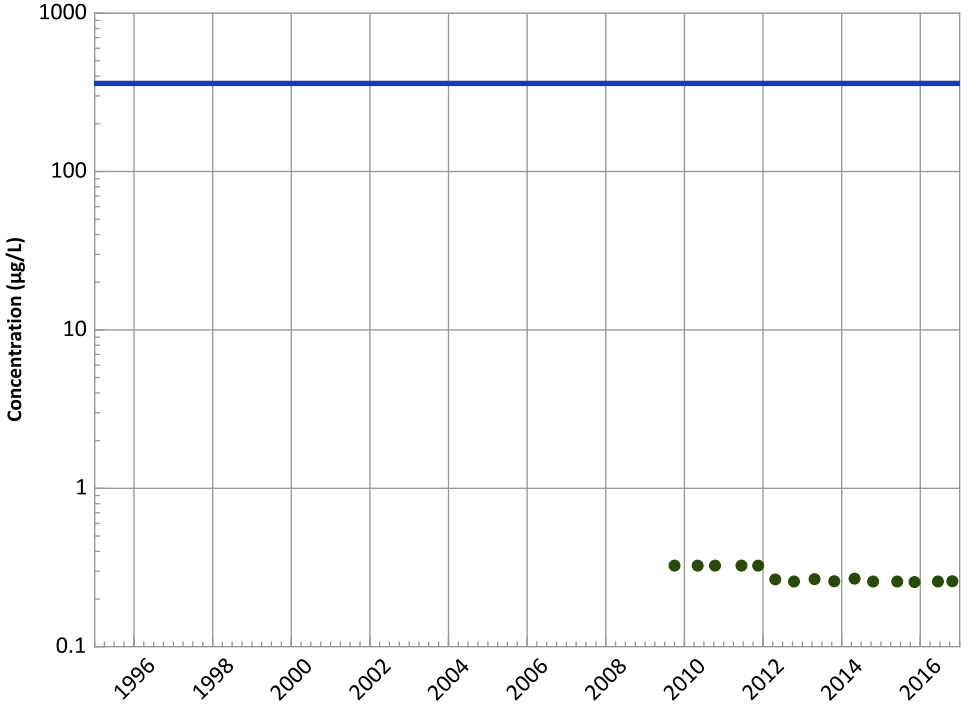


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

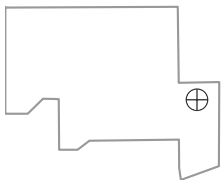
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/01/2009 to 10/25/2016
Analysis Date: 03/07/2017

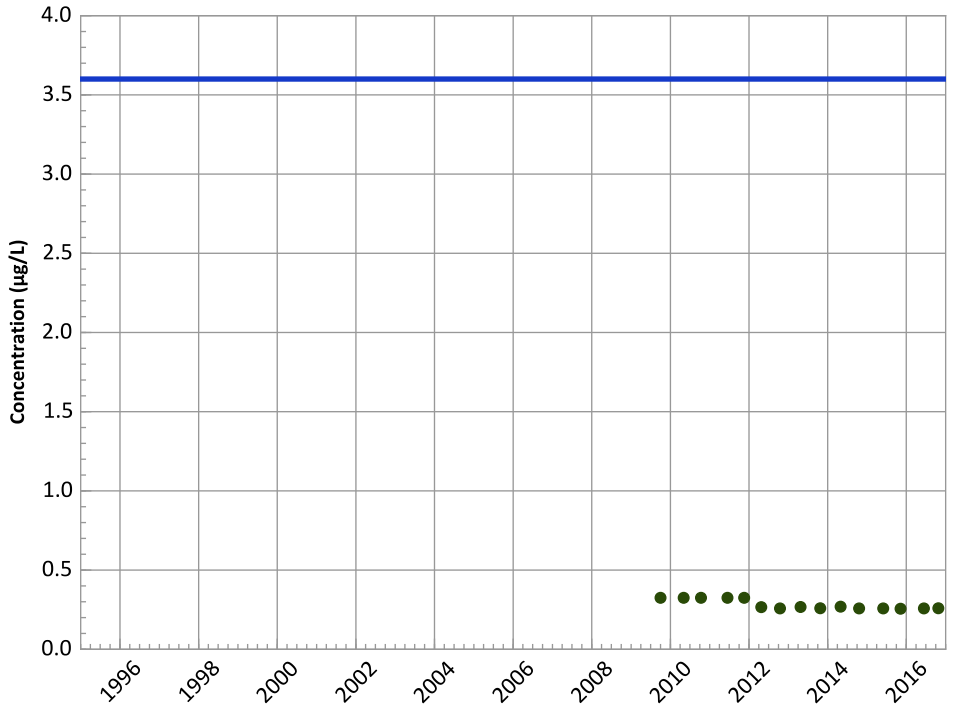
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

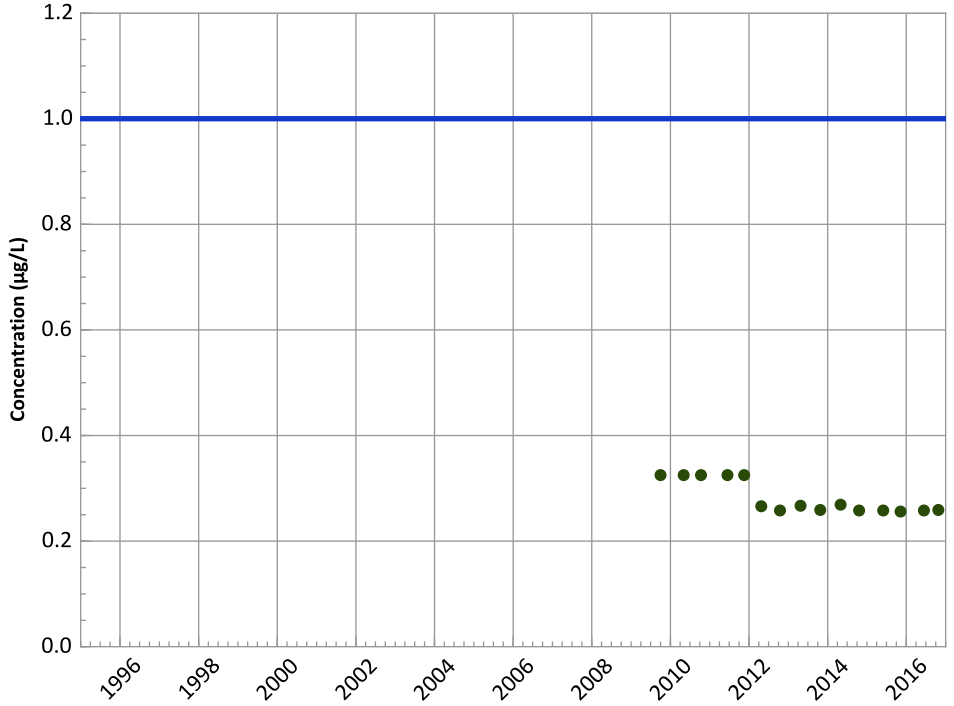


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

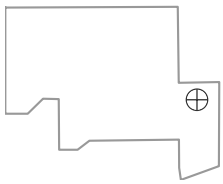
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/01/2009 to 10/25/2016
Analysis Date: 03/07/2017

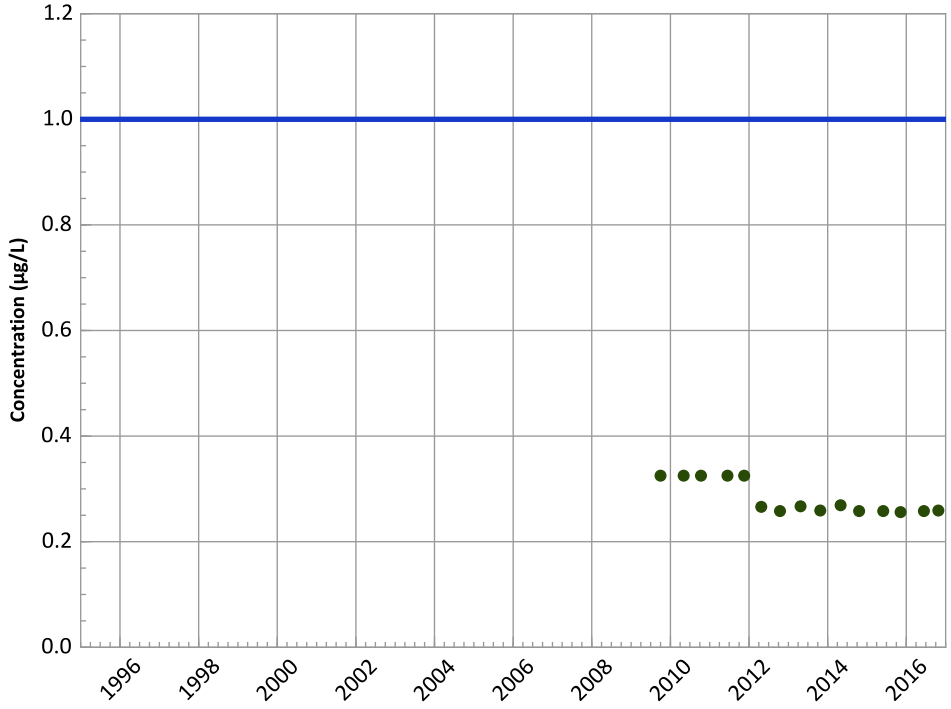
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

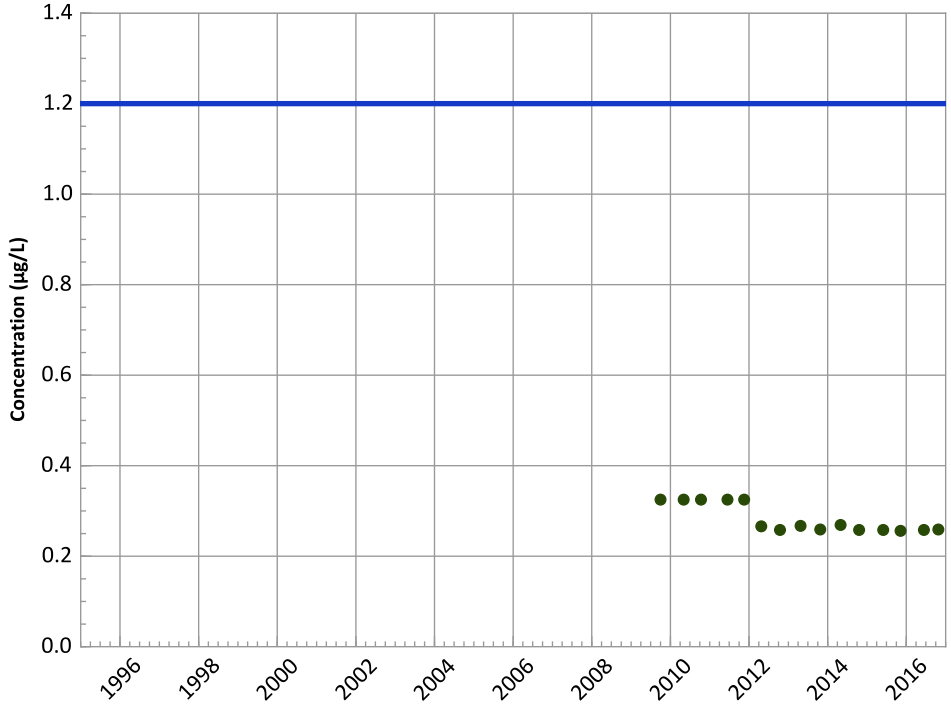


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

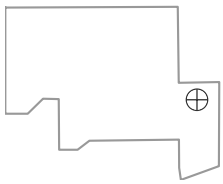
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/01/2009 to 10/25/2016
Analysis Date: 03/07/2017

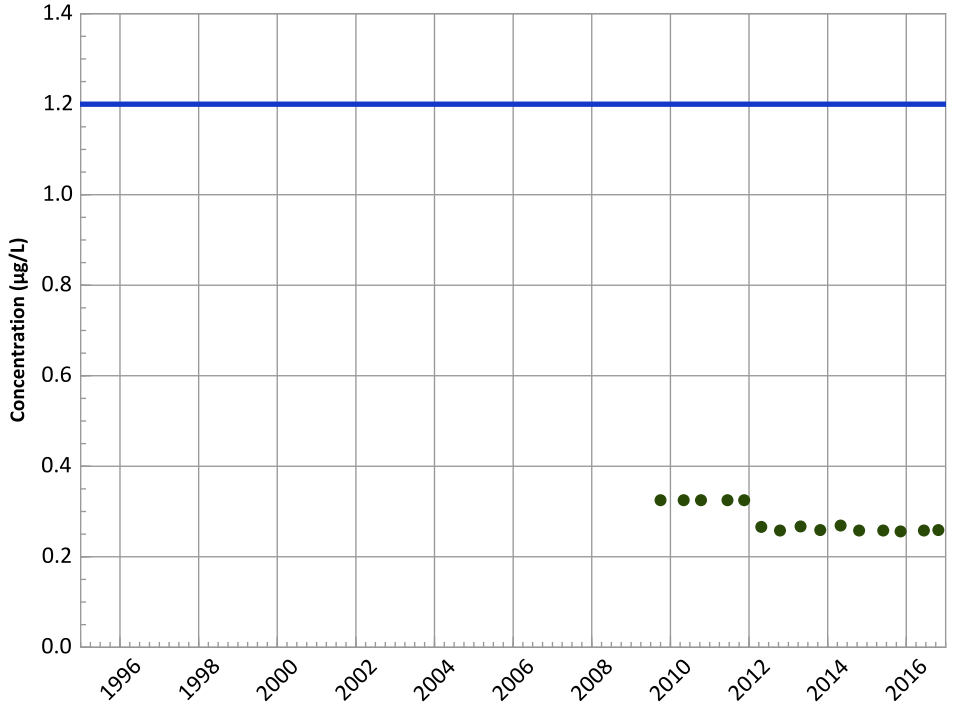
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

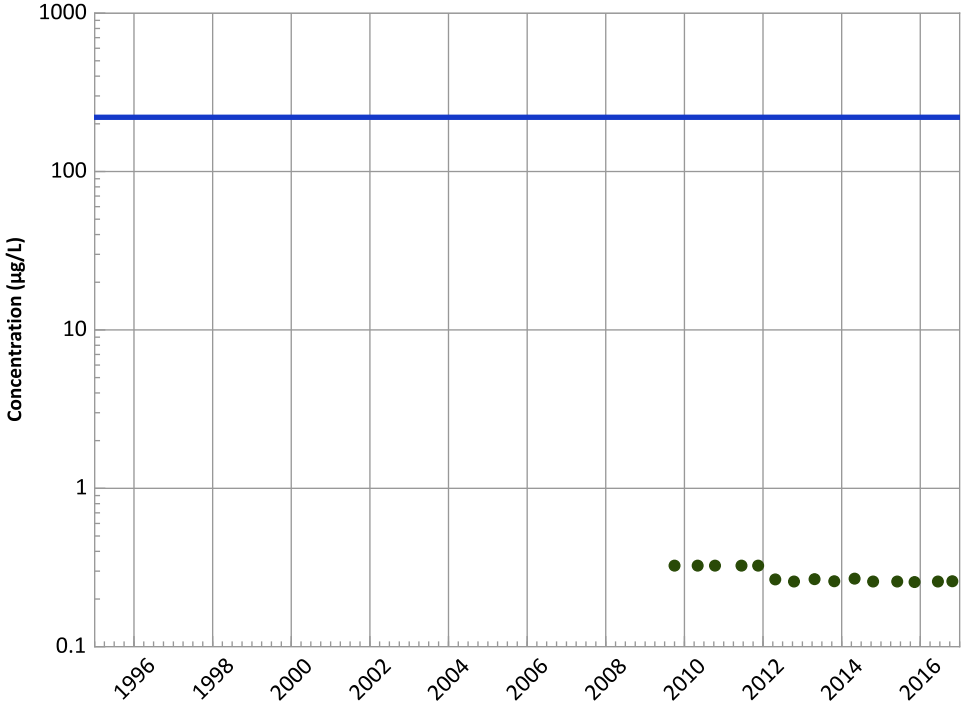


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

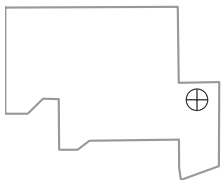
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/01/2009 to 10/25/2016
Analysis Date: 03/07/2017

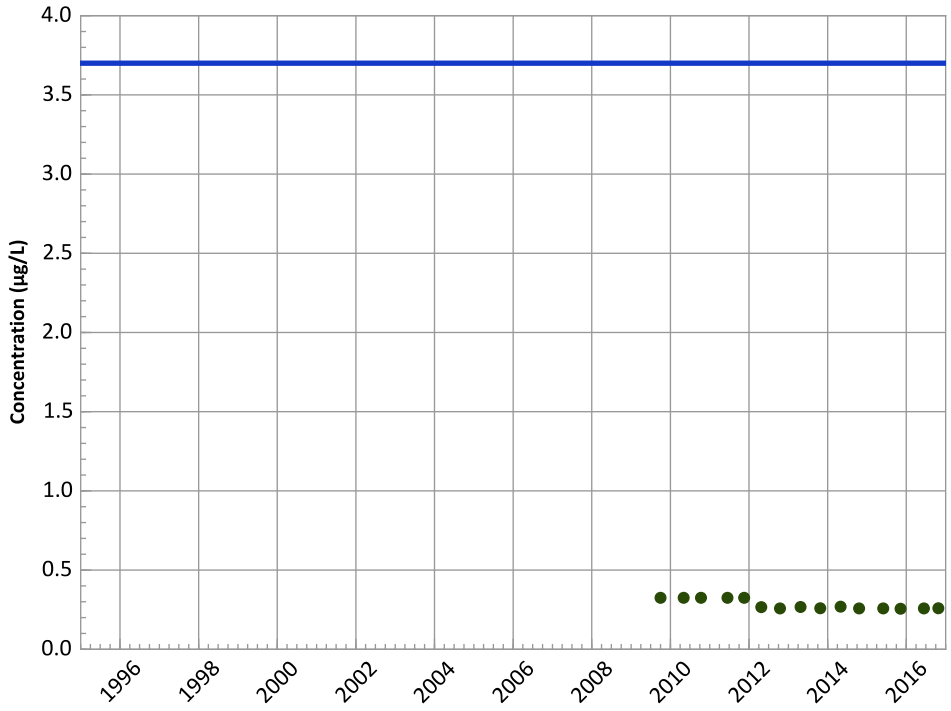
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

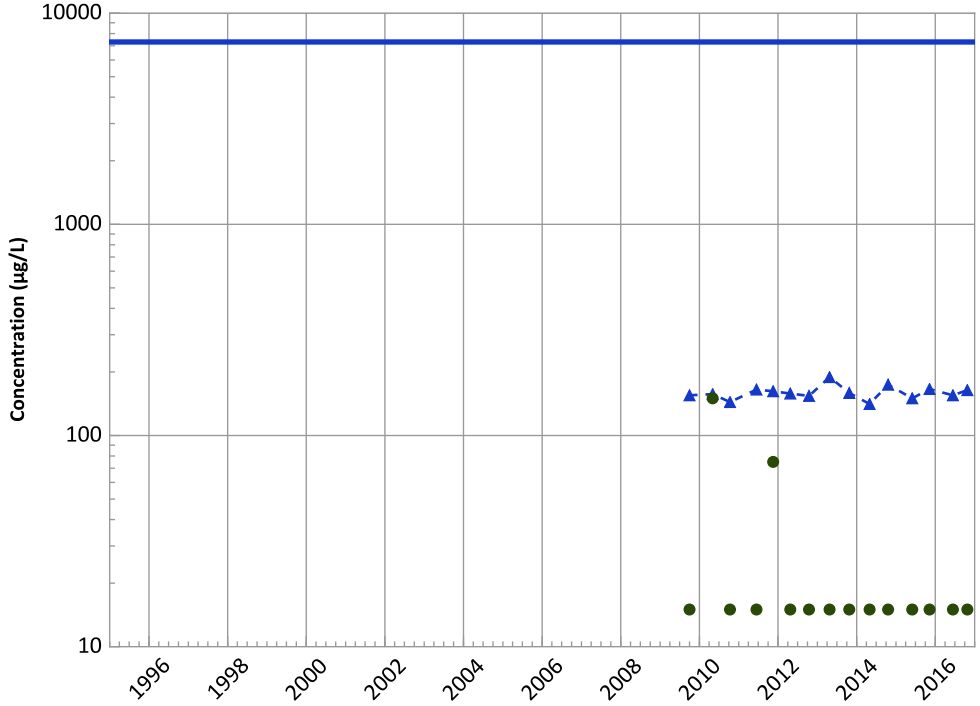


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Boron Trend



Concentration Trend

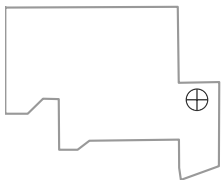
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/01/2009 to 10/25/2016
Analysis Date: 03/07/2017

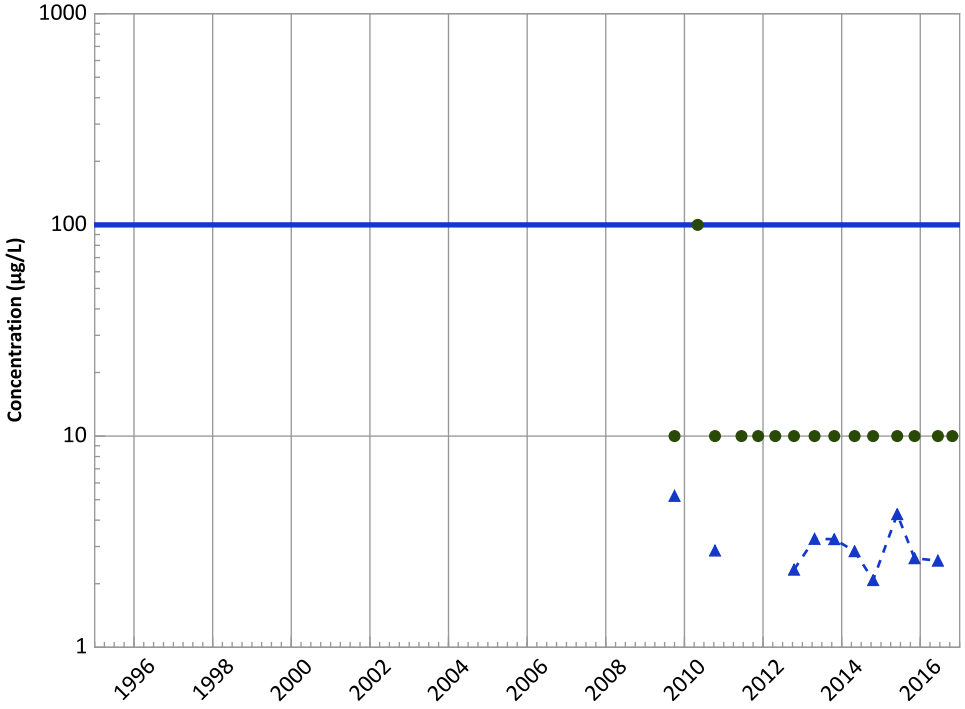
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

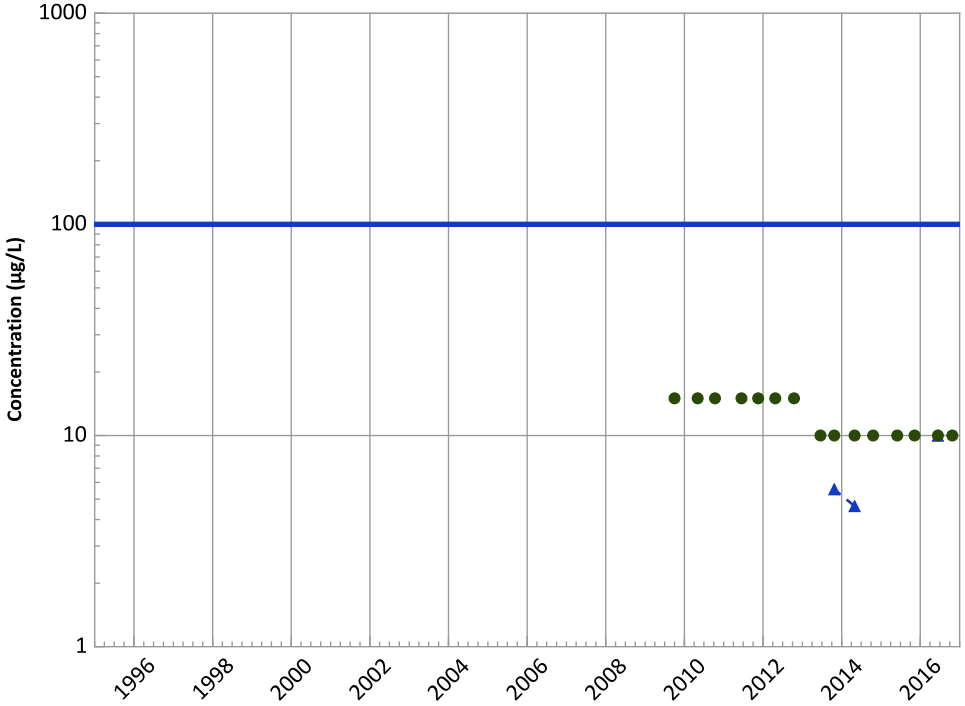


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

Chromium, Hexavalent Trend



Concentration Trend

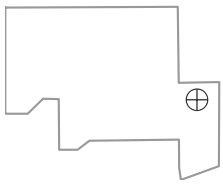
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/01/2009 to 10/25/2016
Analysis Date: 03/07/2017

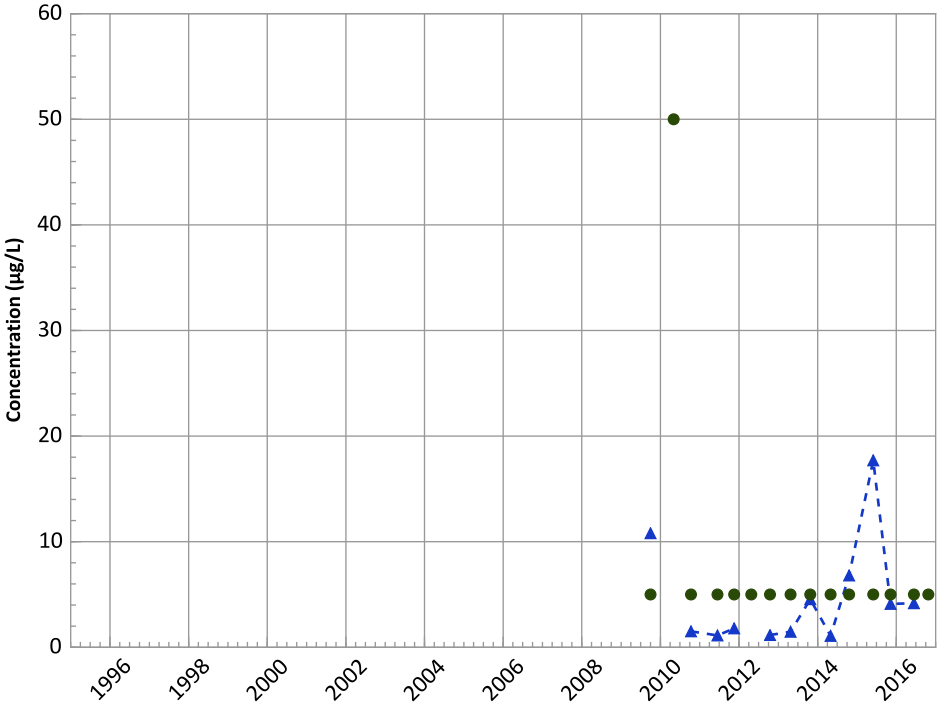
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

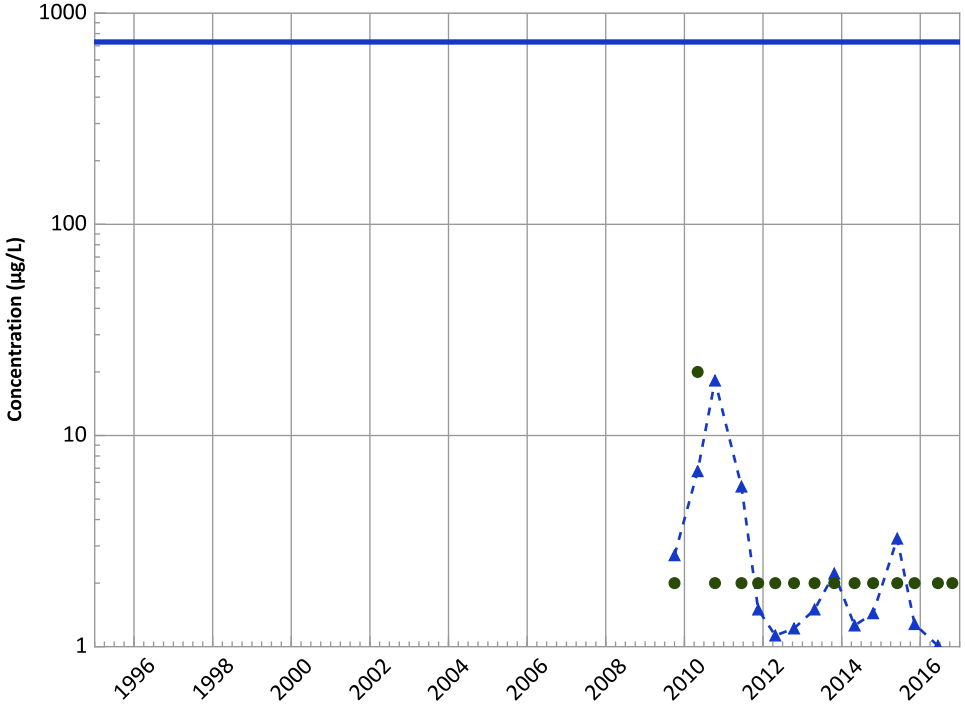


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Nickel Trend



Concentration Trend

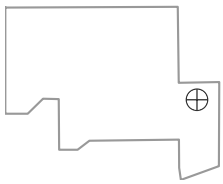
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/01/2009 to 10/25/2016
Analysis Date: 03/07/2017

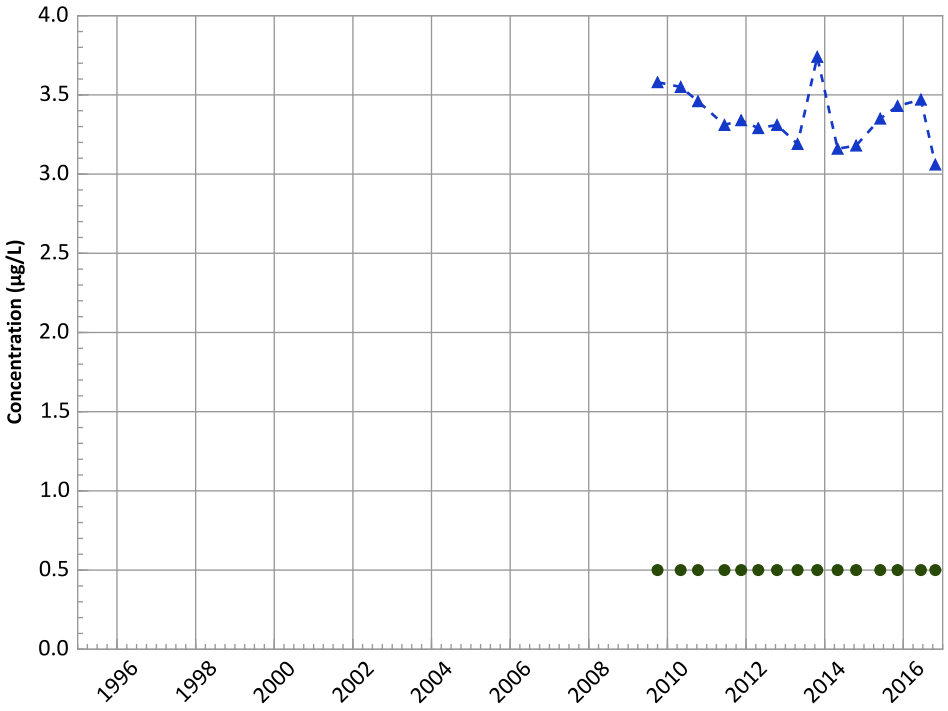
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

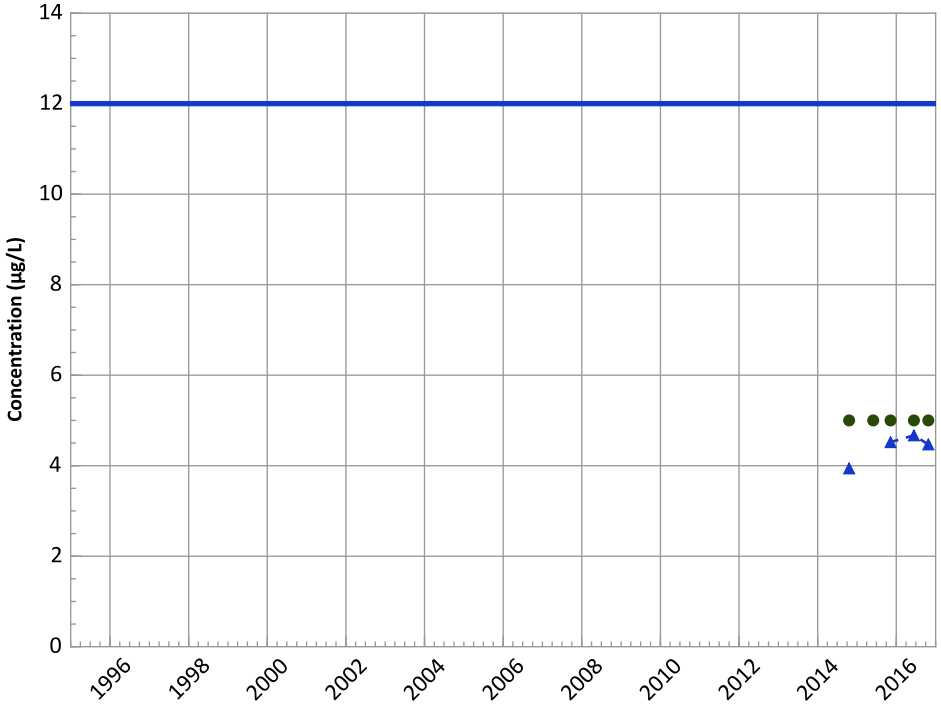


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

Arsenic Trend



Concentration Trend

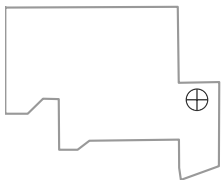
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/01/2009 to 10/25/2016
Analysis Date: 03/07/2017

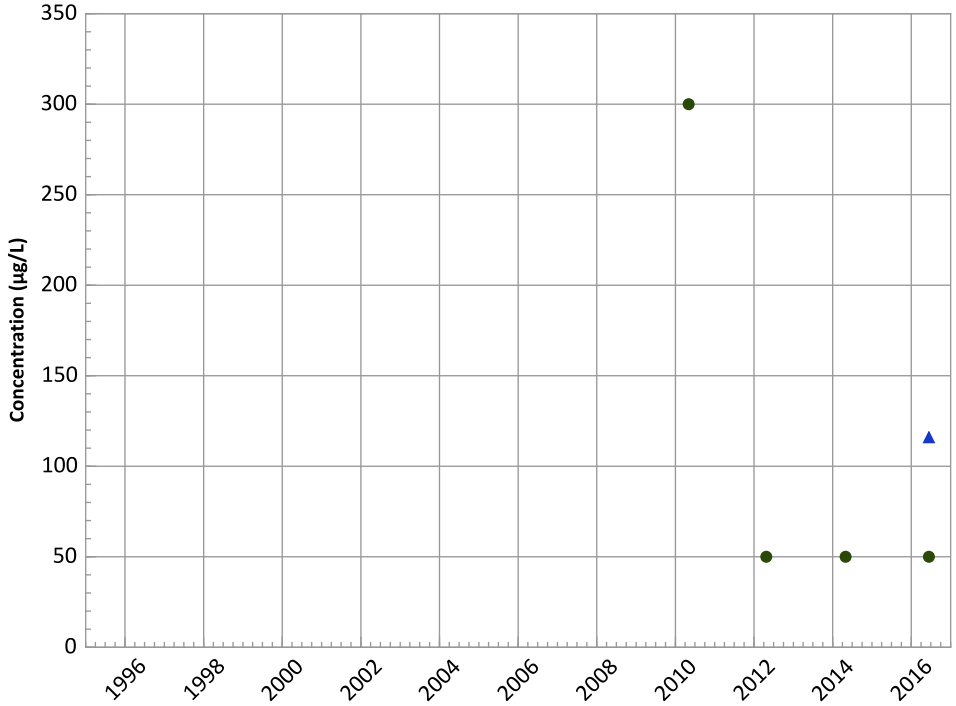
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

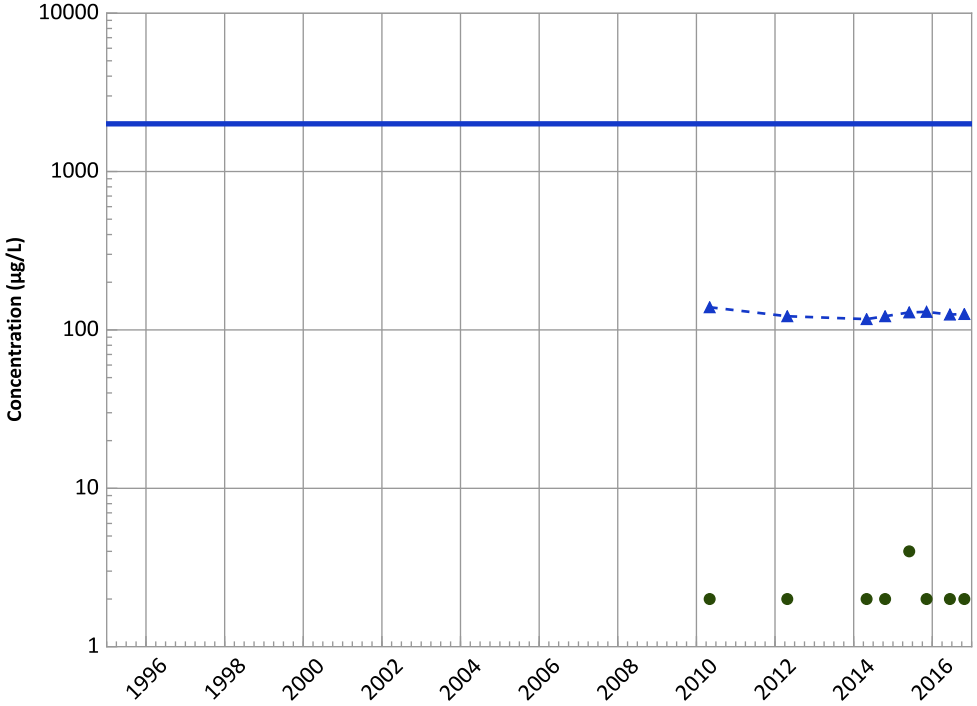


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Barium Trend

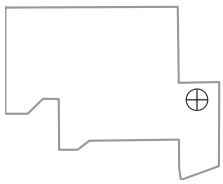


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Well Location

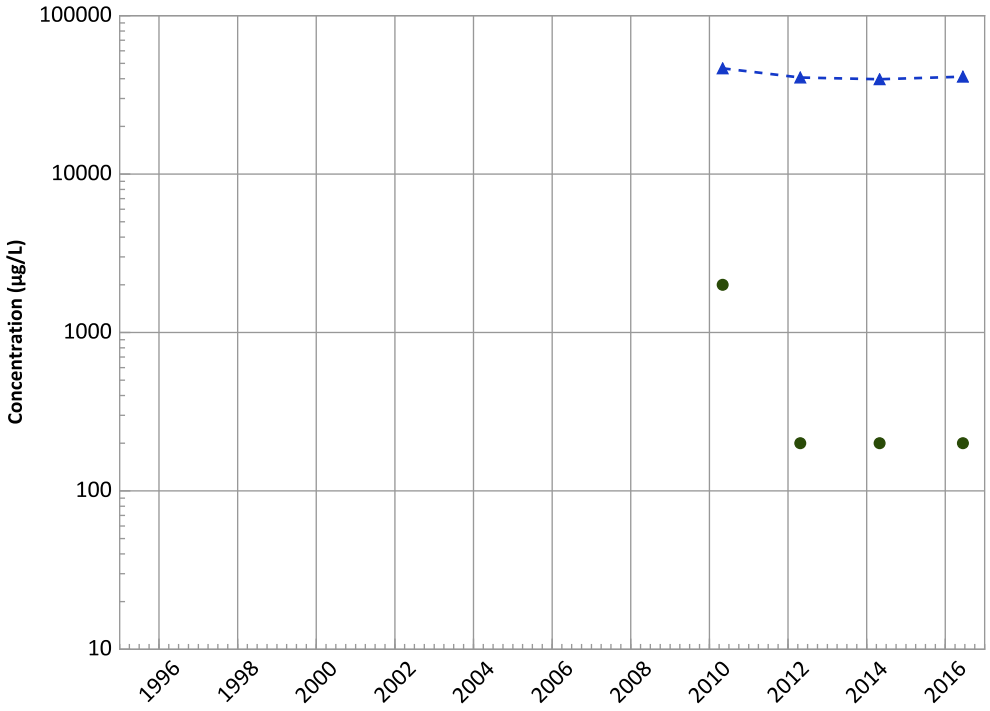


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/01/2009 to 10/25/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

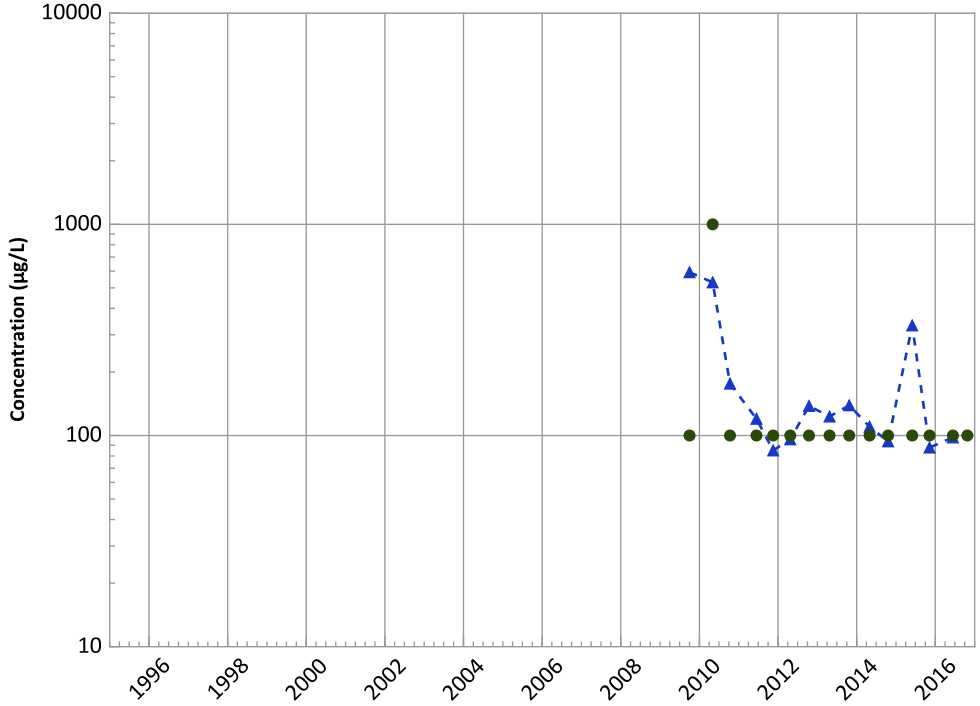


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Iron Trend



Concentration Trend

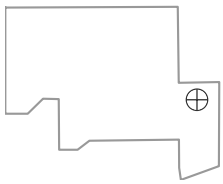
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/01/2009 to 10/25/2016
Analysis Date: 03/07/2017

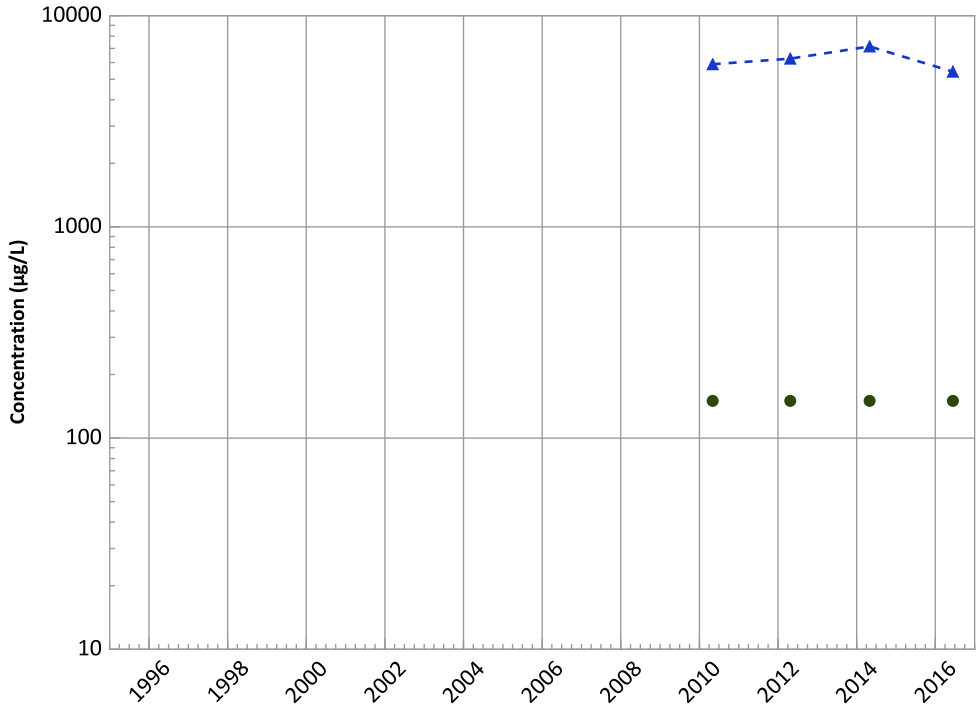
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

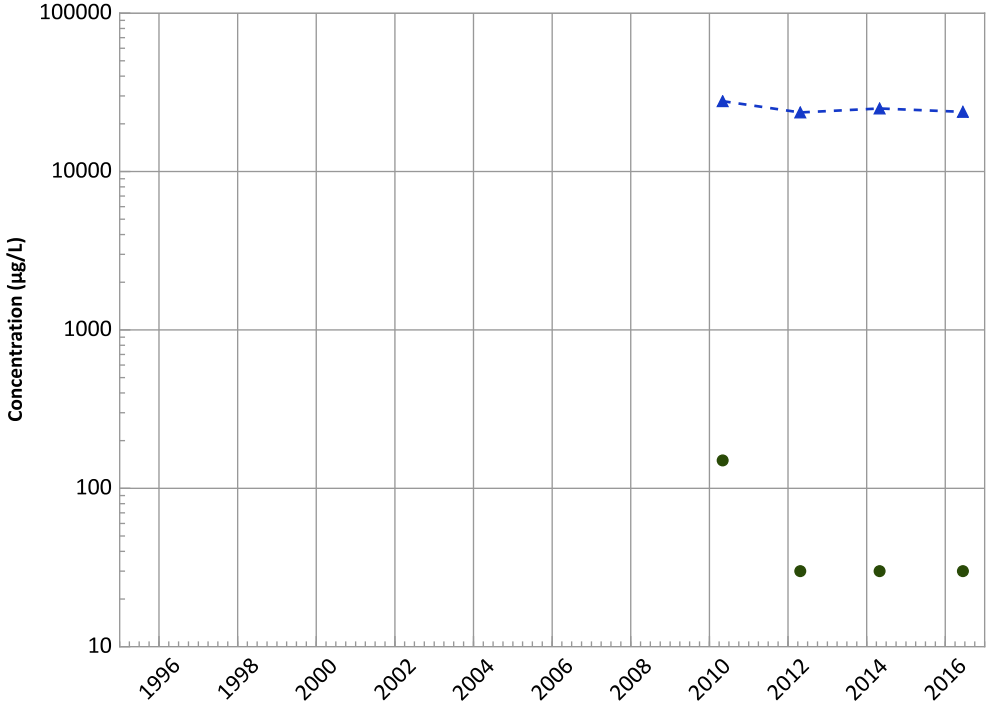


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Magnesium Trend



Concentration Trend

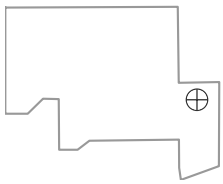
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/01/2009 to 10/25/2016
Analysis Date: 03/07/2017

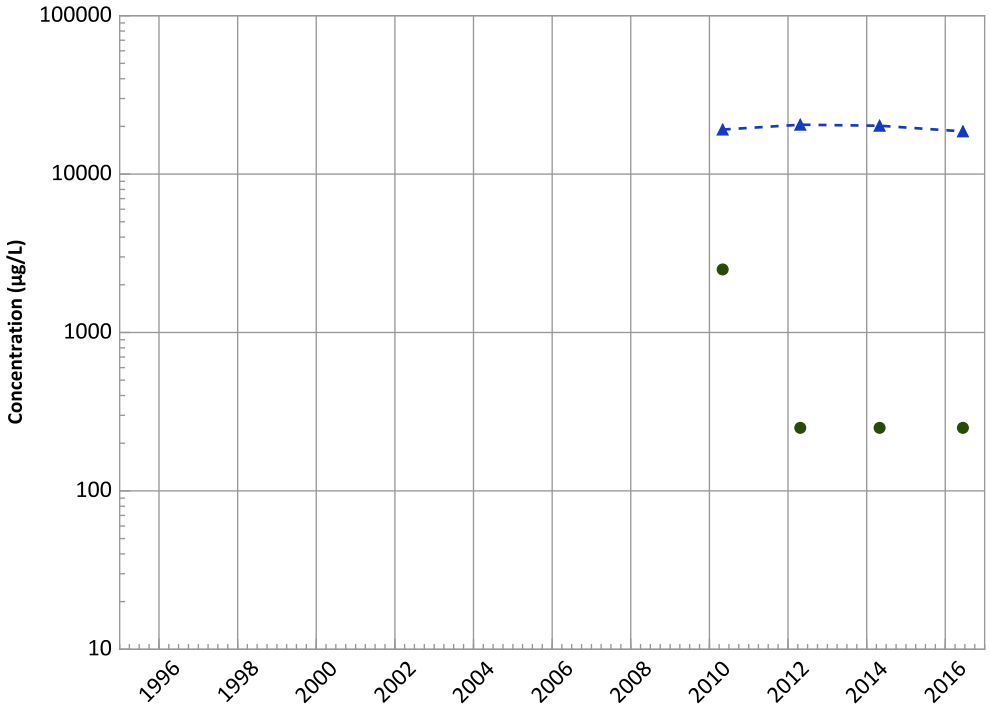
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend

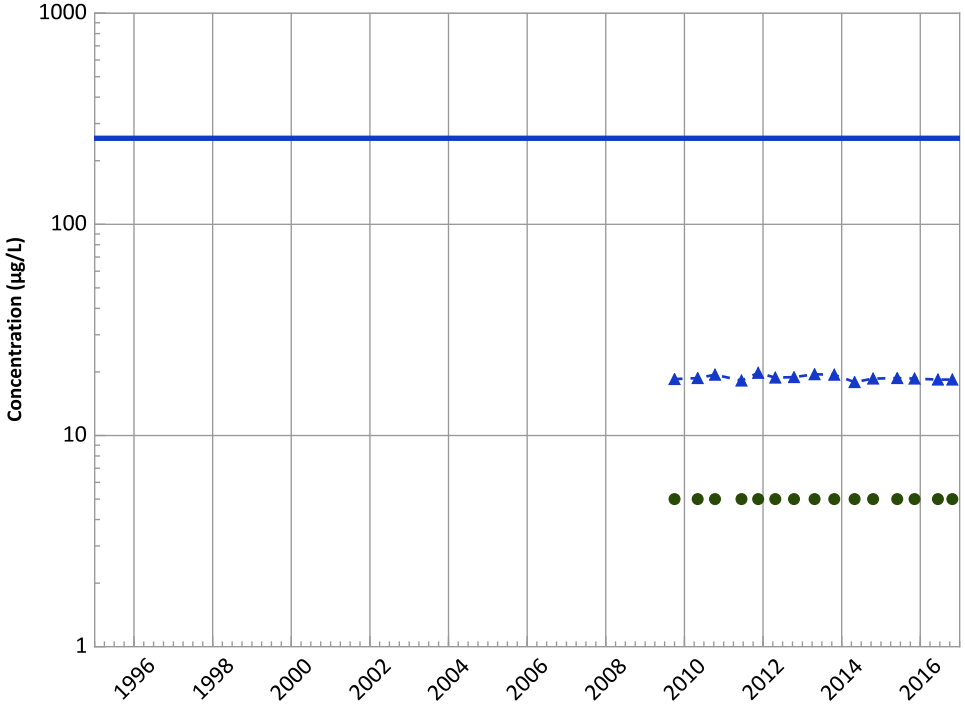


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Vanadium Trend



Concentration Trend

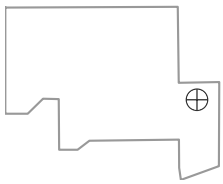
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/01/2009 to 10/25/2016
Analysis Date: 03/07/2017

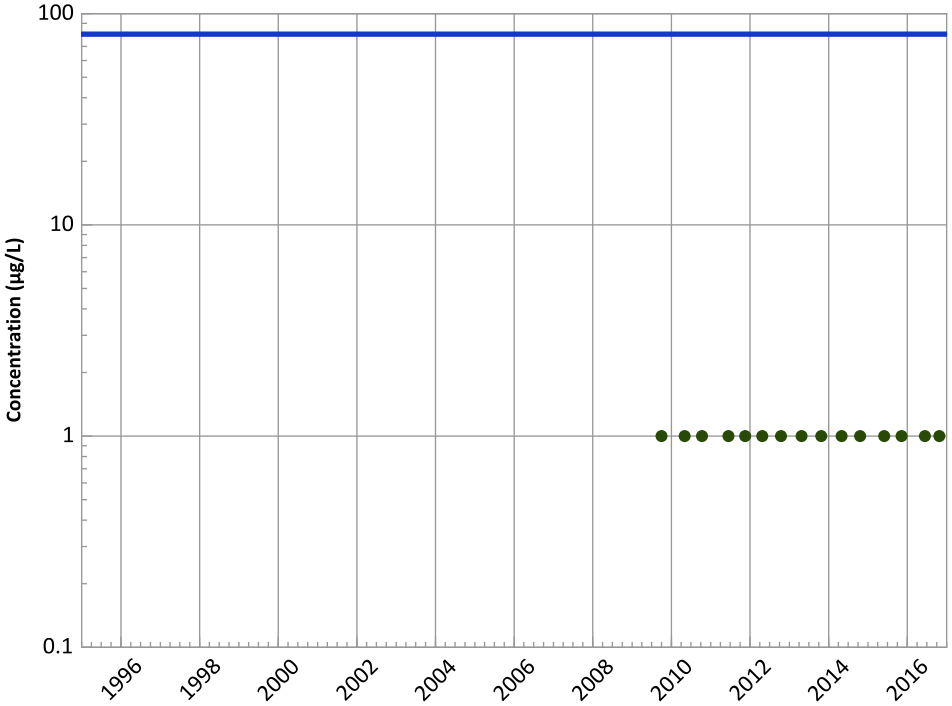
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

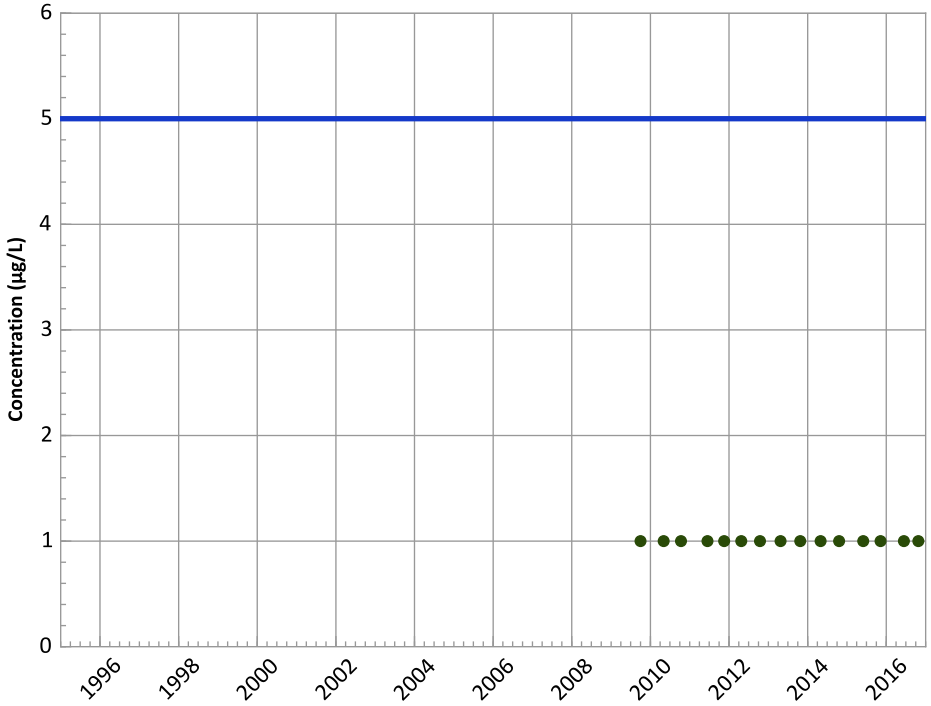


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

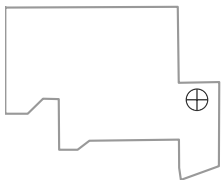
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/01/2009 to 10/25/2016
Analysis Date: 03/07/2017

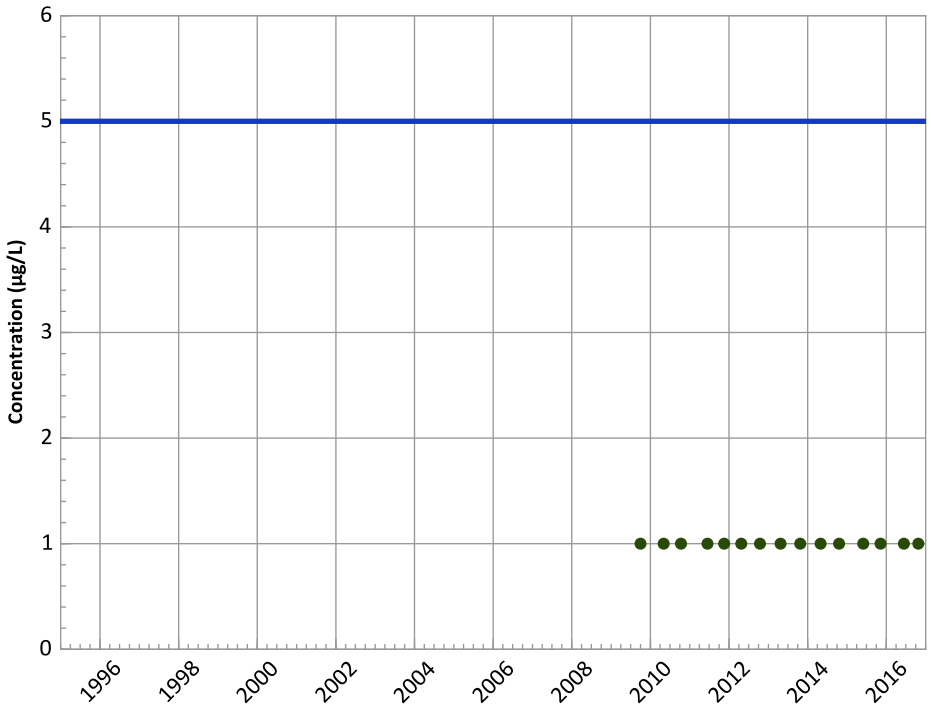
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

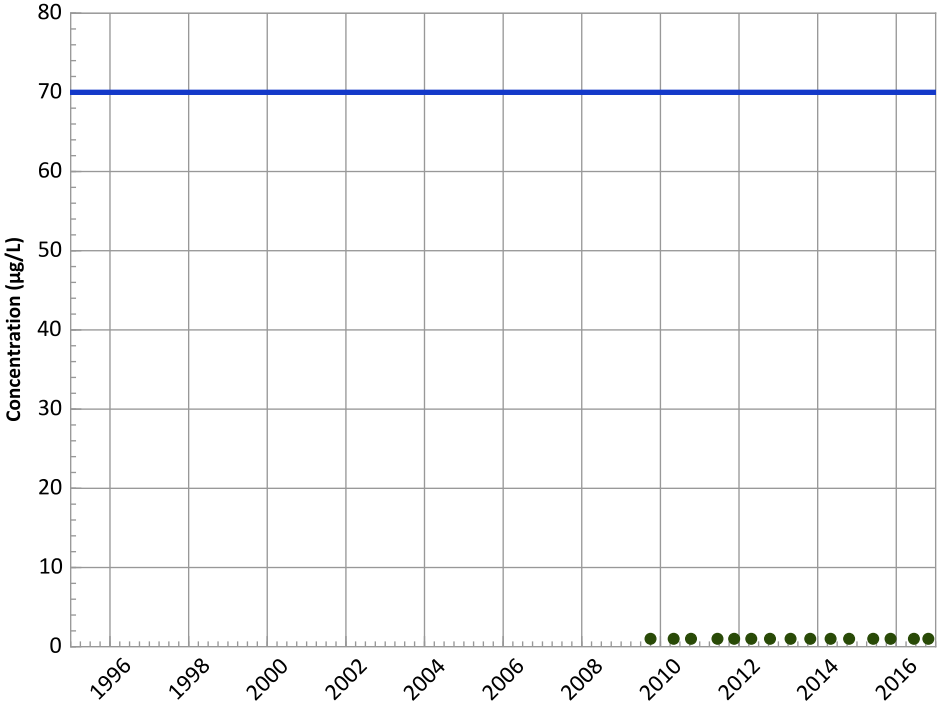


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

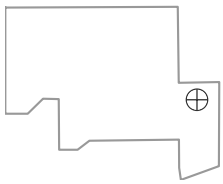
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/01/2009 to 10/25/2016
Analysis Date: 03/07/2017

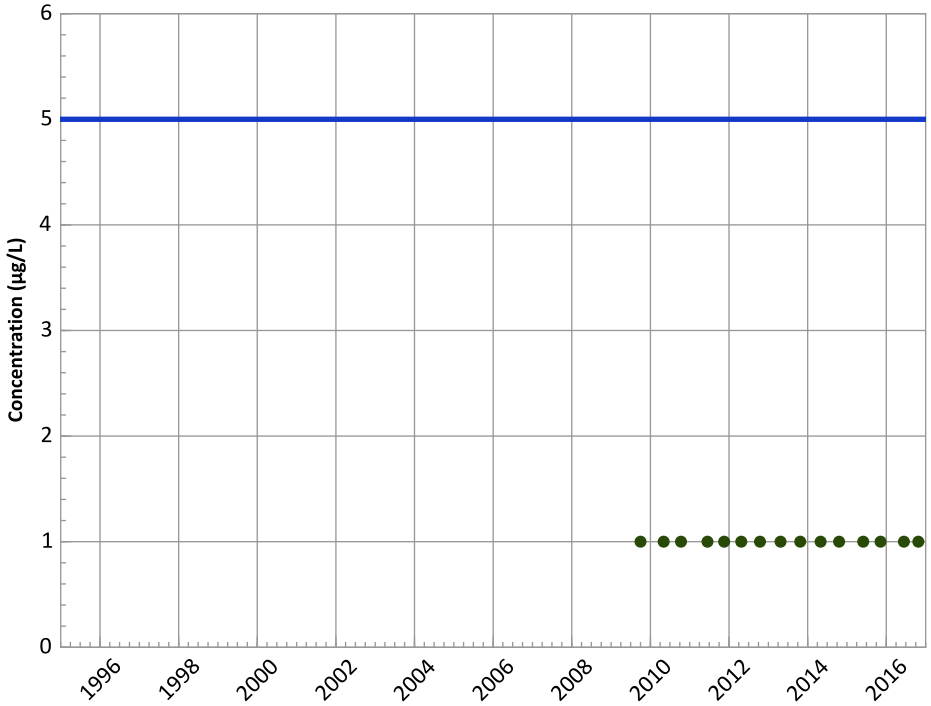
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

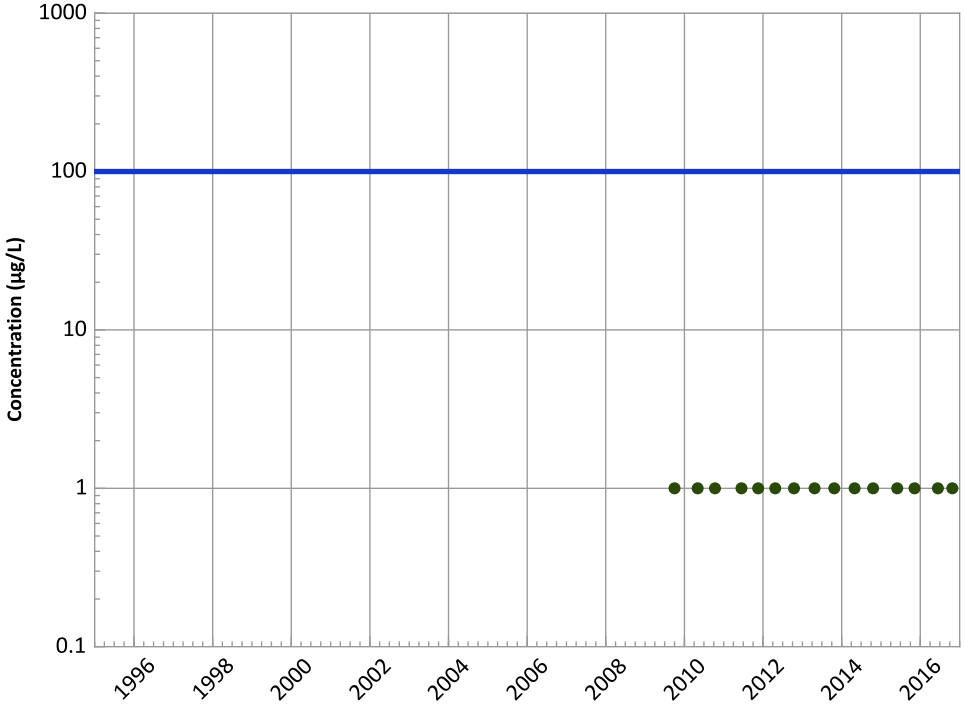


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

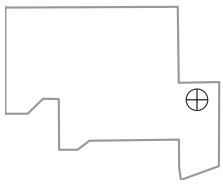
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/01/2009 to 10/25/2016
Analysis Date: 03/07/2017

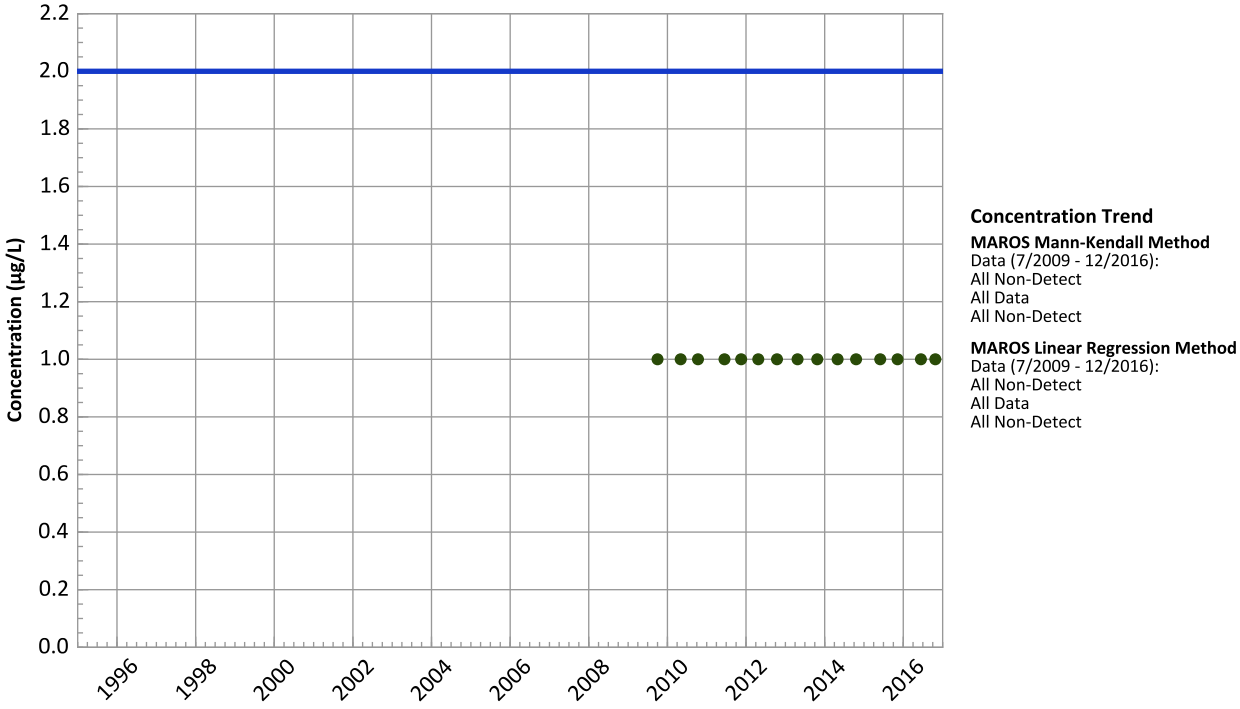
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

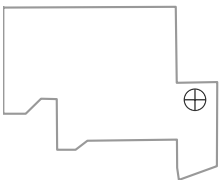
Vinyl Chloride Trend



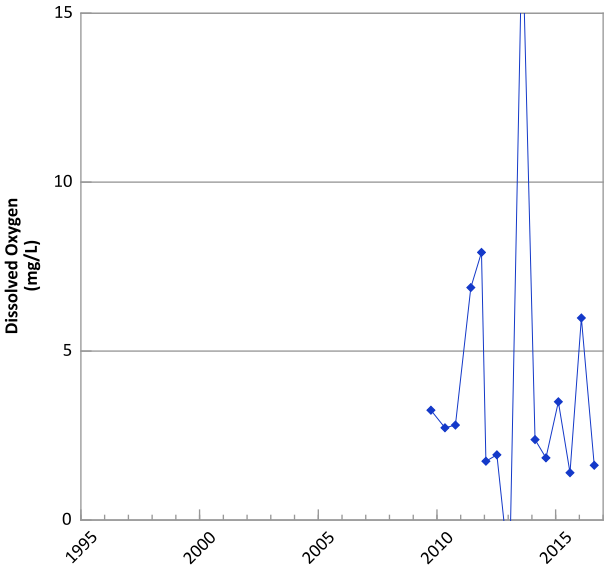
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/01/2009 to 10/25/2016
Analysis Date: 03/07/2017

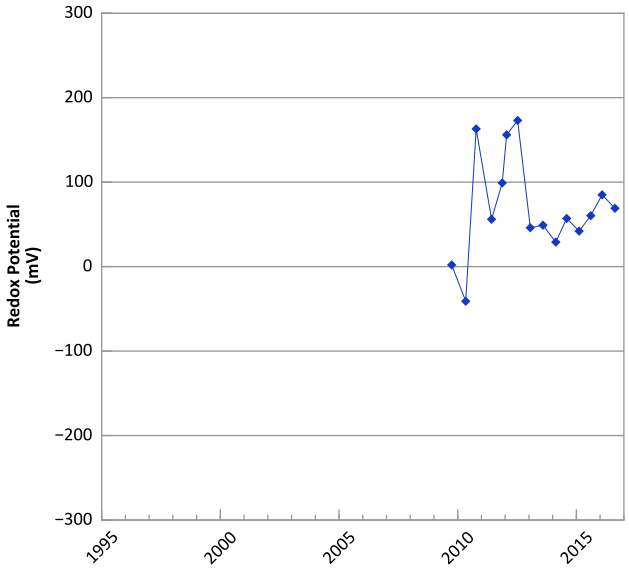
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

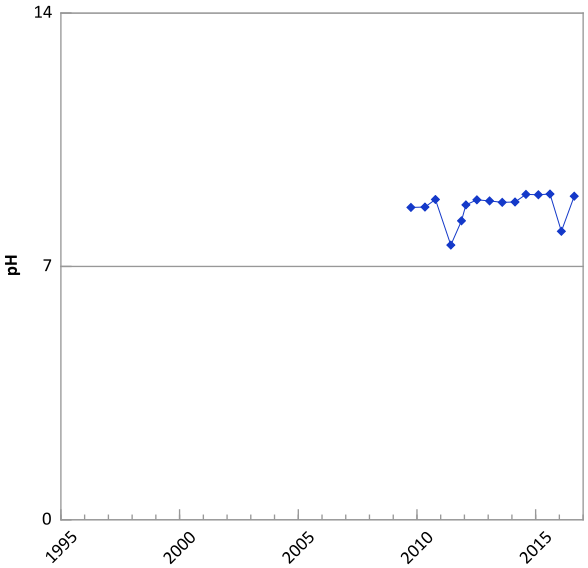
Well Location

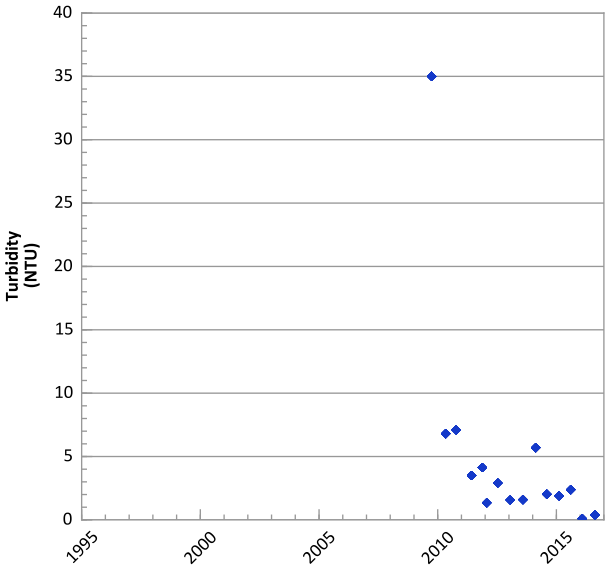


PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



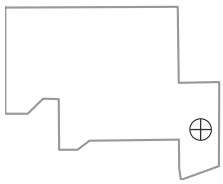






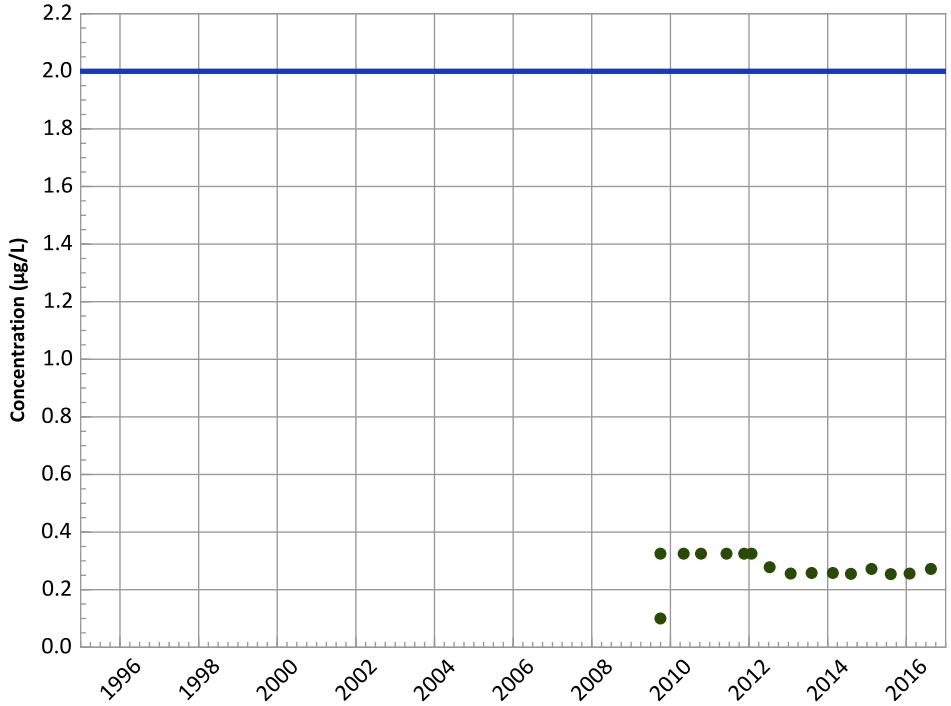
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/30/2009 to 08/17/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

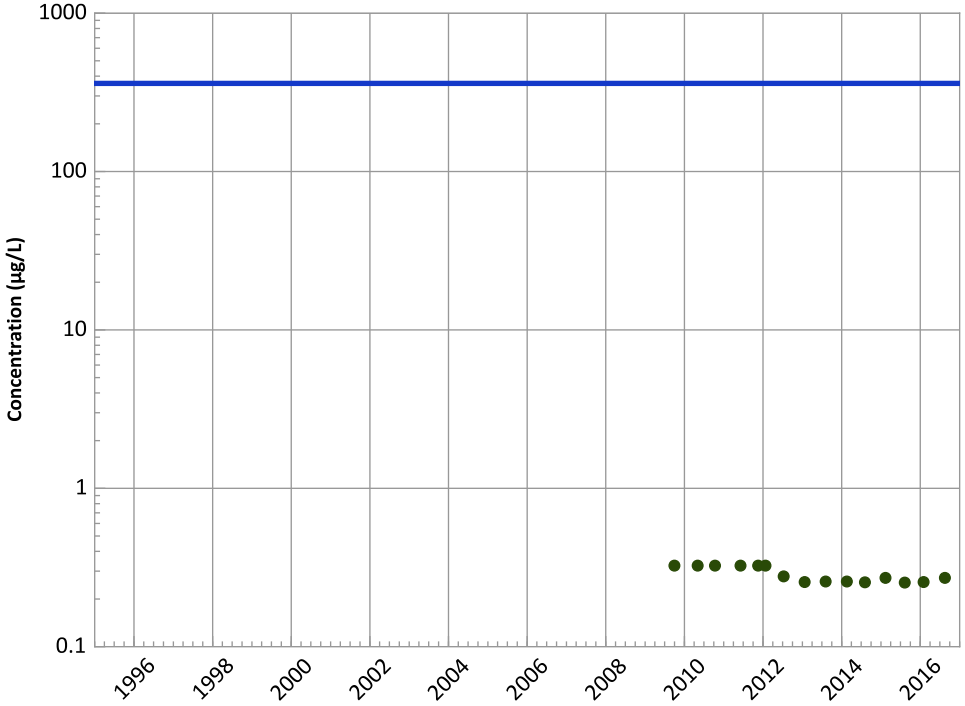


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

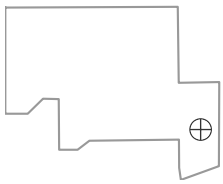
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/30/2009 to 08/17/2016
Analysis Date: 03/07/2017

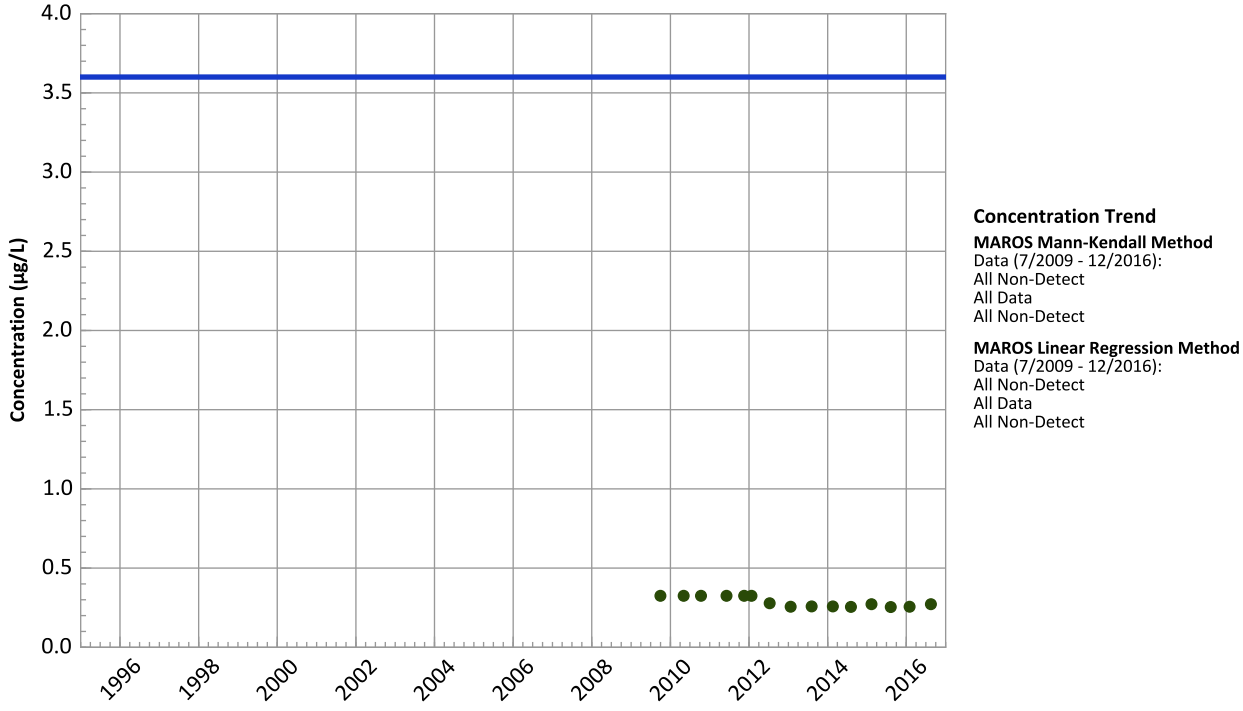
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location

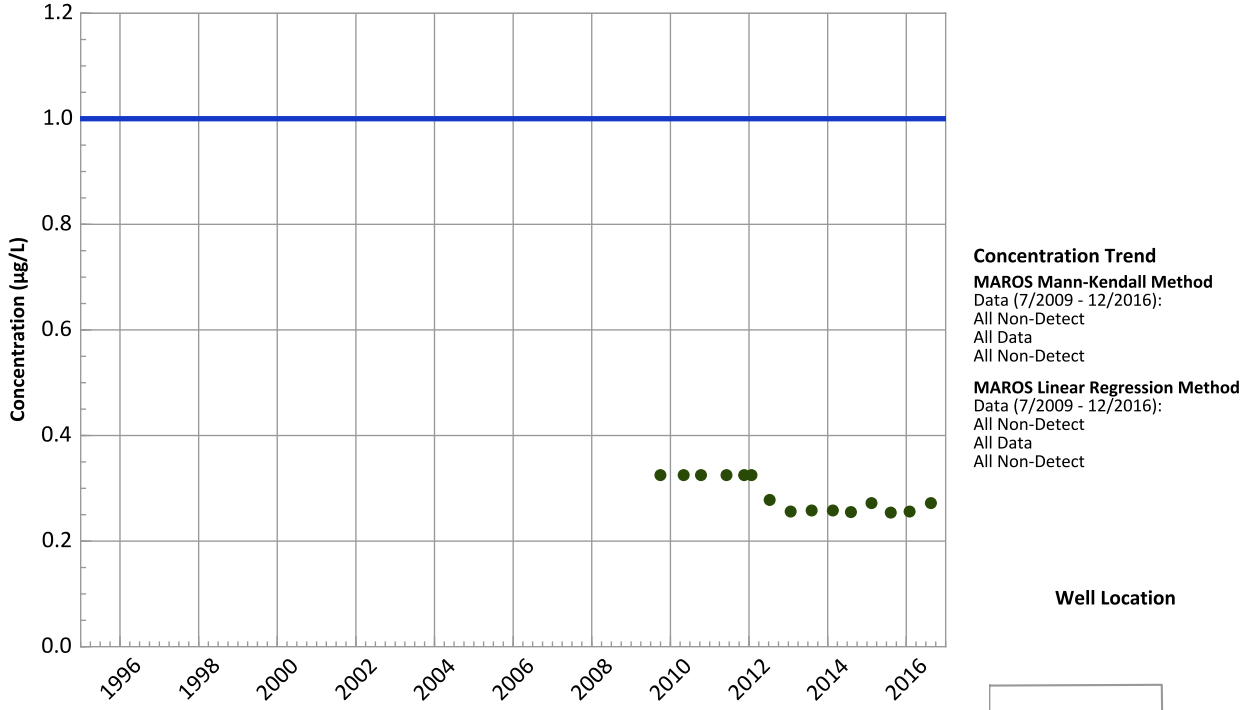


PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



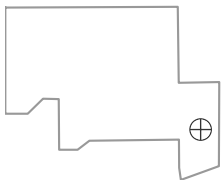
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/30/2009 to 08/17/2016
Analysis Date: 03/07/2017

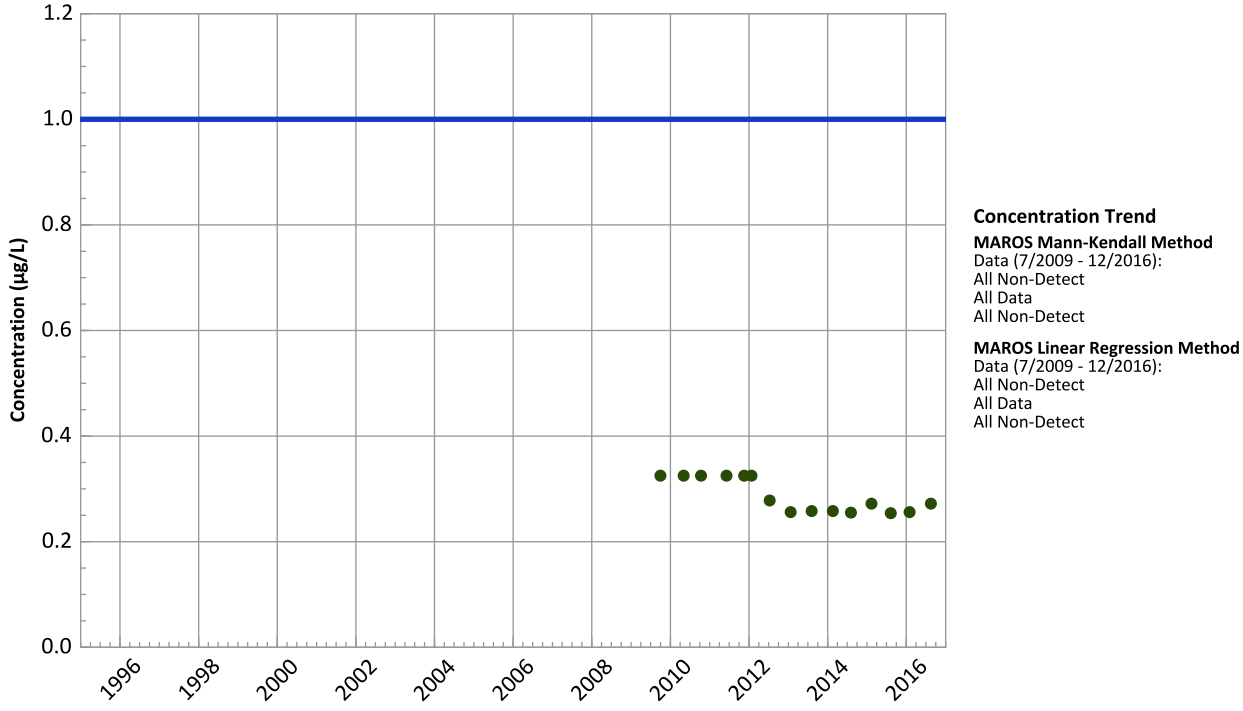
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

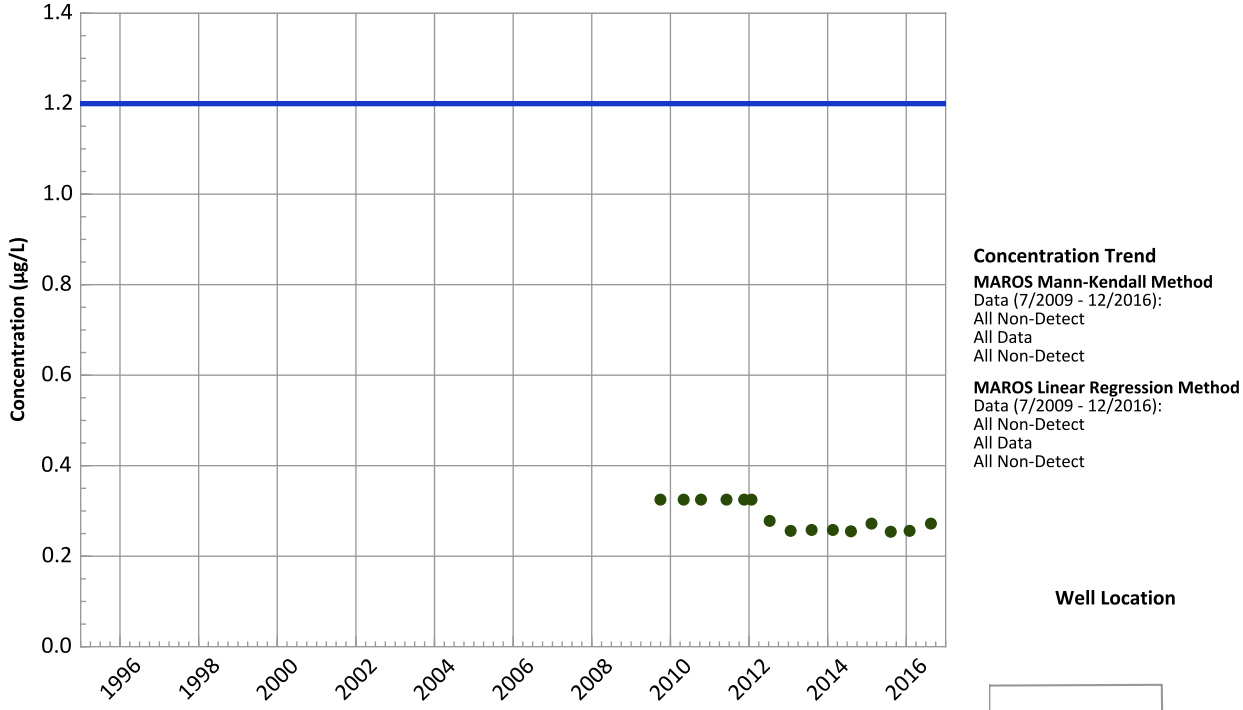


PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



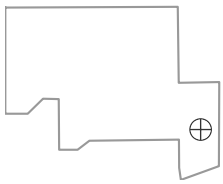
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/30/2009 to 08/17/2016
Analysis Date: 03/07/2017

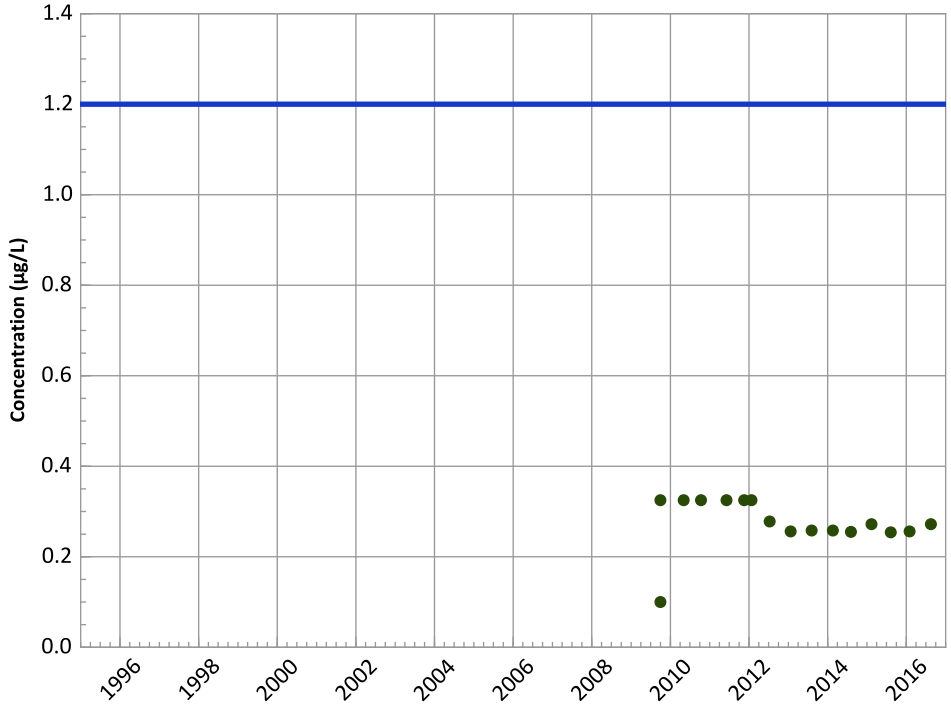
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

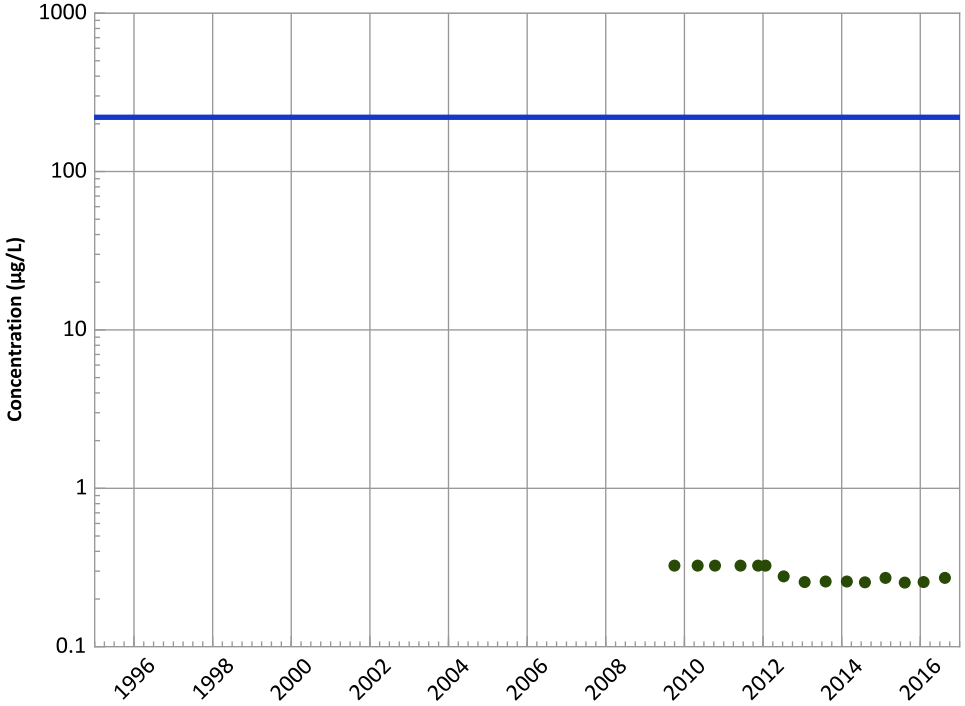


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

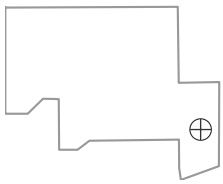
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/30/2009 to 08/17/2016
Analysis Date: 03/07/2017

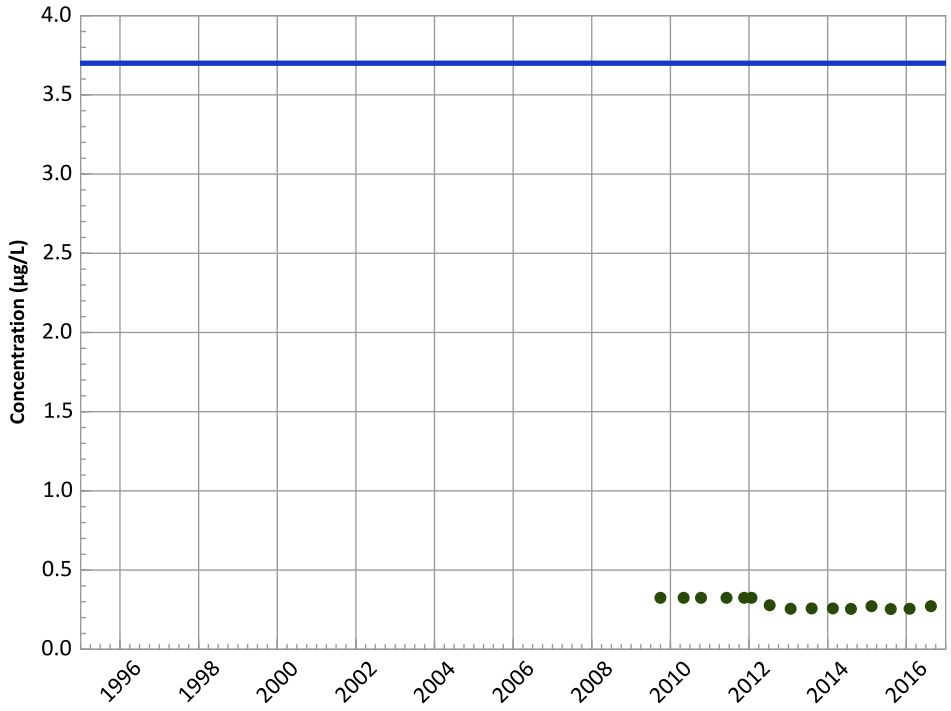
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

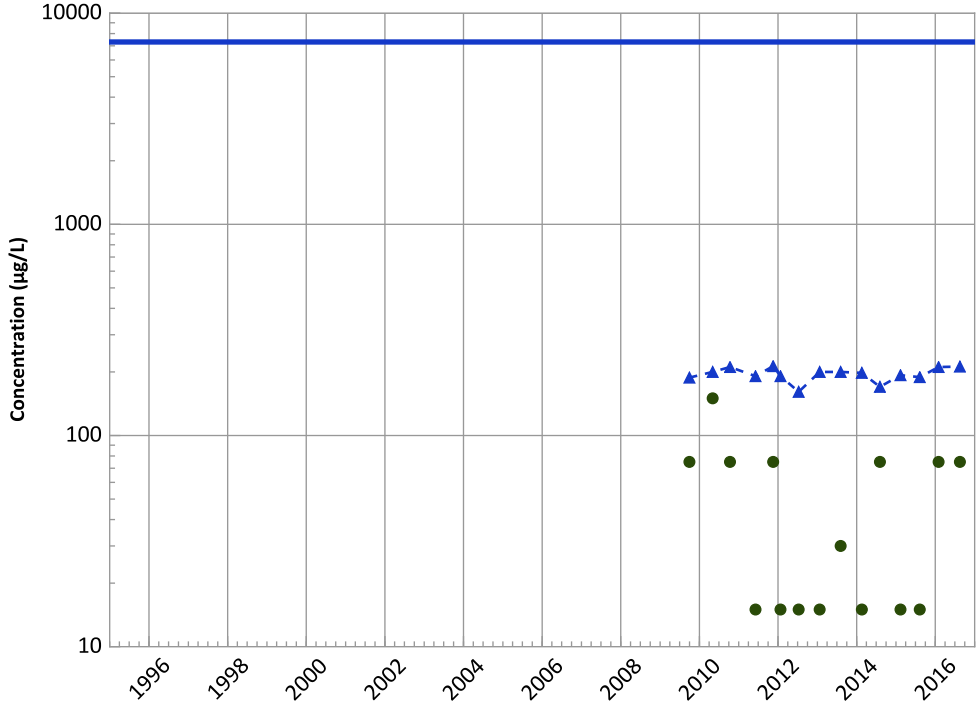


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Boron Trend



Concentration Trend

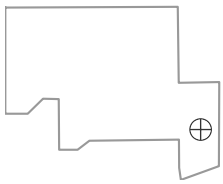
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/30/2009 to 08/17/2016
Analysis Date: 03/07/2017

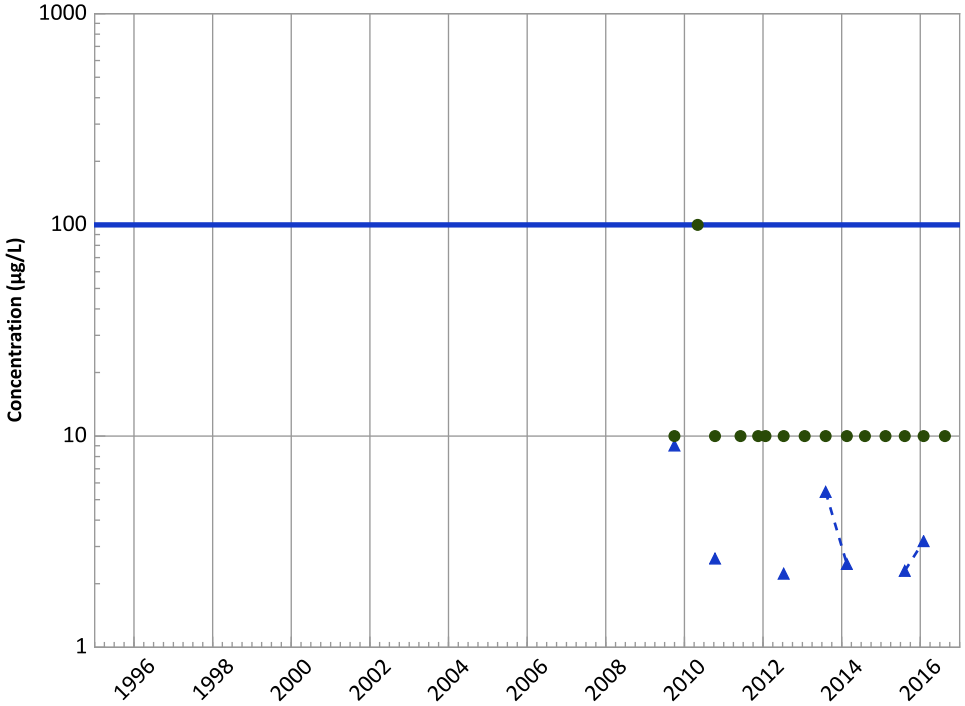
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

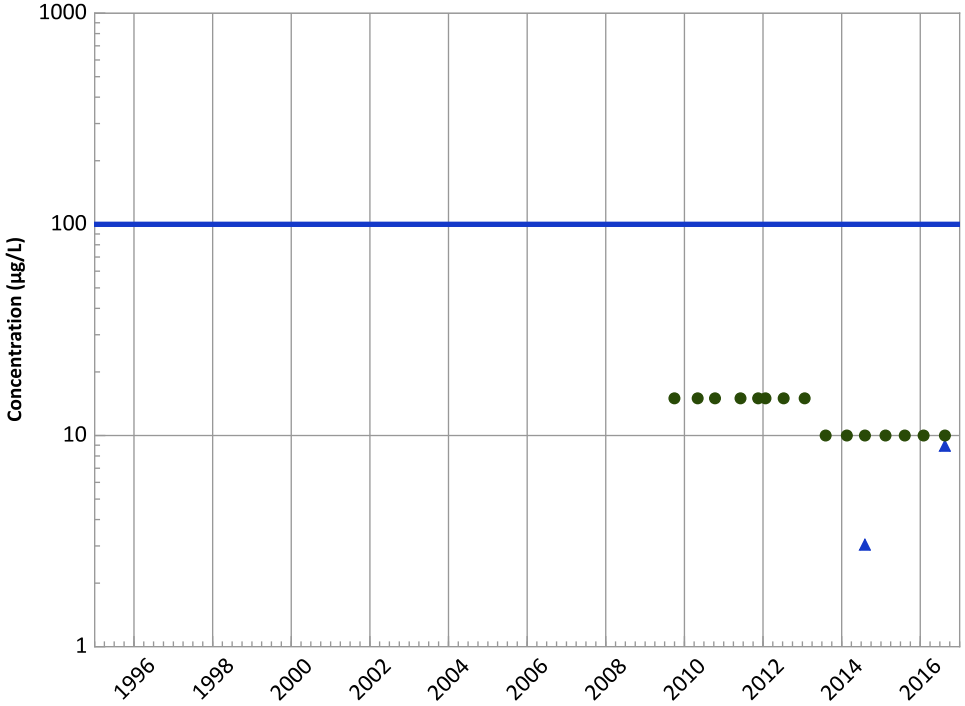


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Chromium, Hexavalent Trend



Concentration Trend

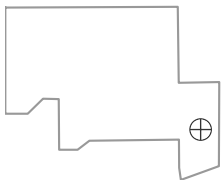
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/30/2009 to 08/17/2016
Analysis Date: 03/07/2017

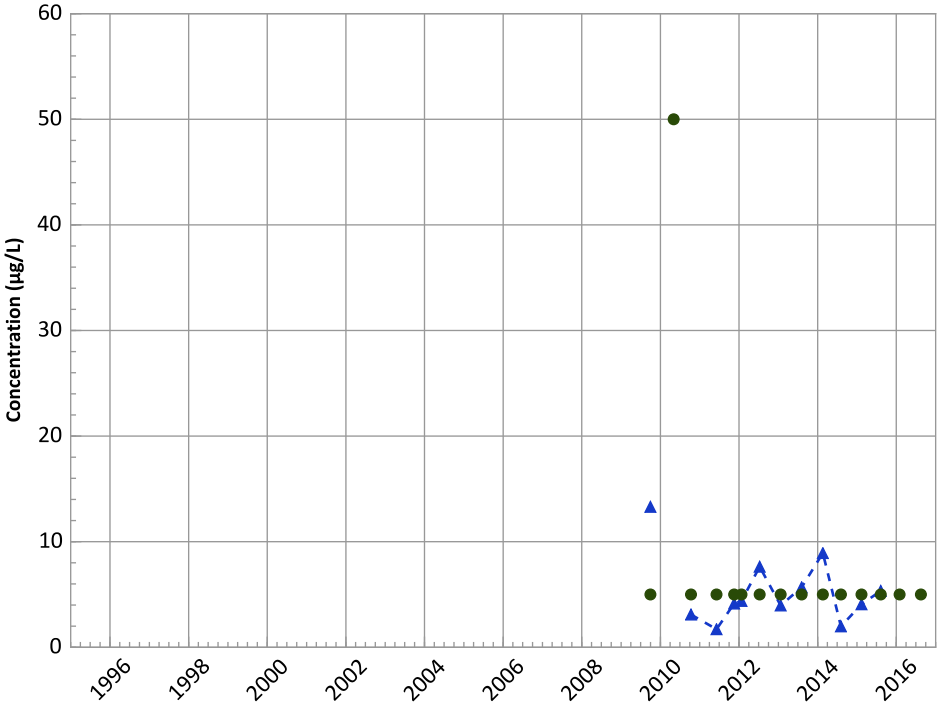
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

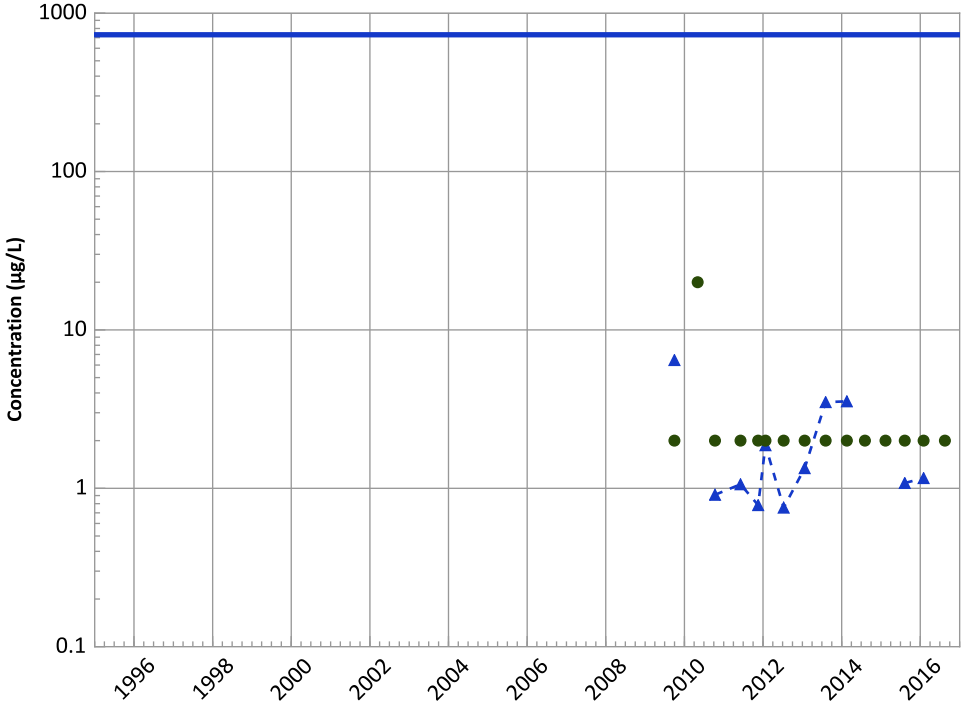


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Nickel Trend



Concentration Trend

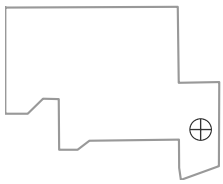
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/30/2009 to 08/17/2016
Analysis Date: 03/07/2017

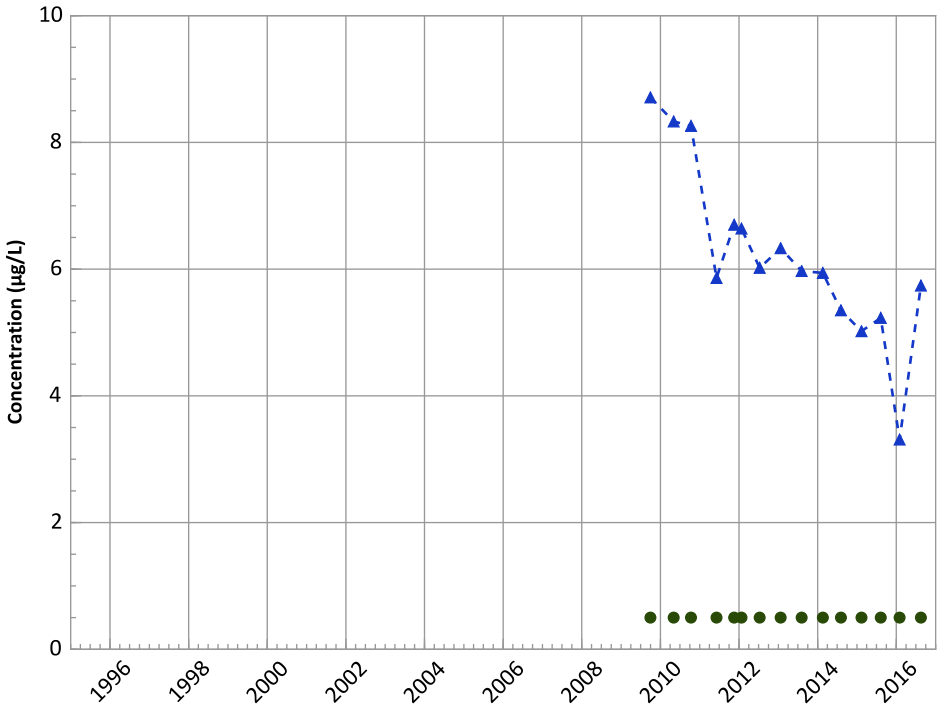
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

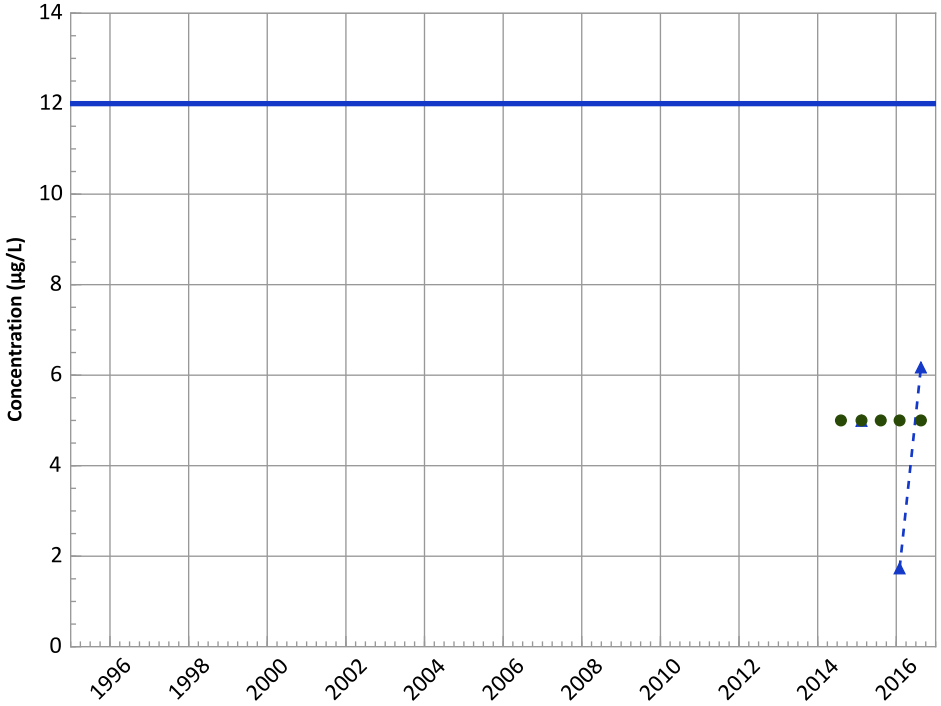


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Arsenic Trend



Concentration Trend

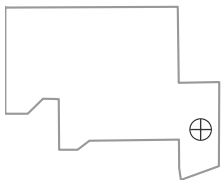
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/30/2009 to 08/17/2016
Analysis Date: 03/07/2017

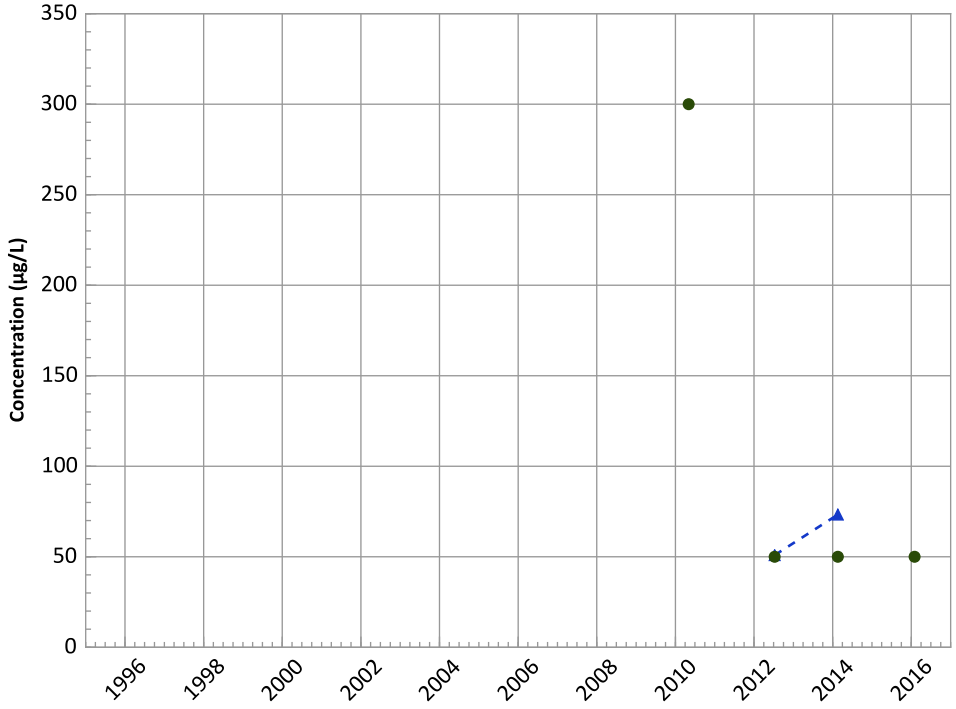
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

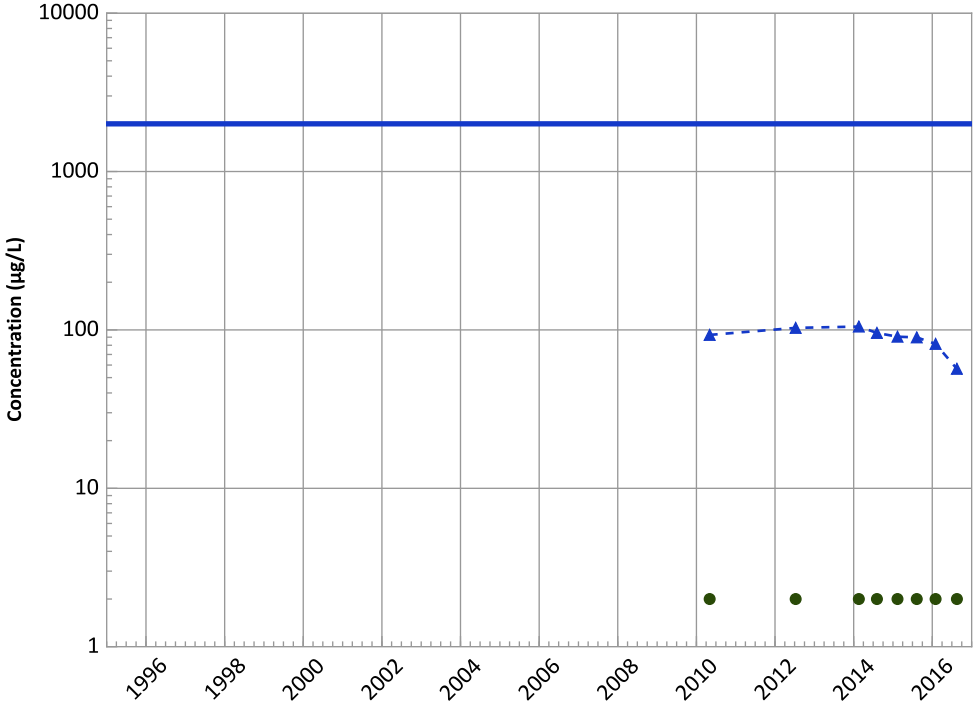


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

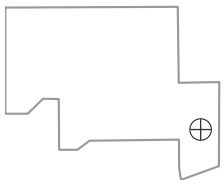
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/30/2009 to 08/17/2016
Analysis Date: 03/07/2017

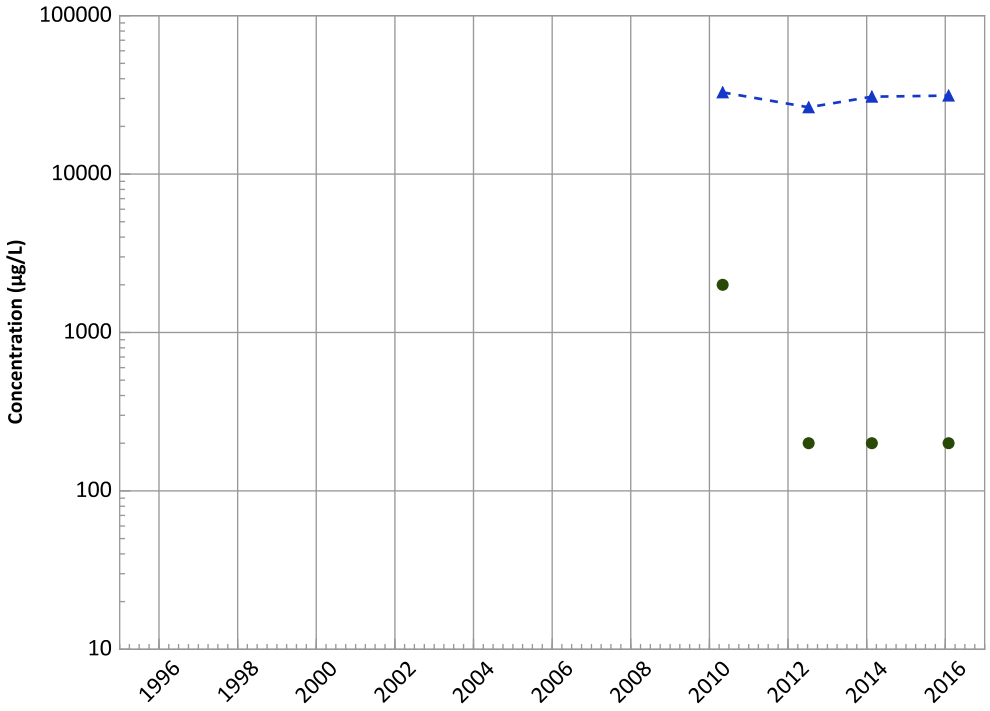
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

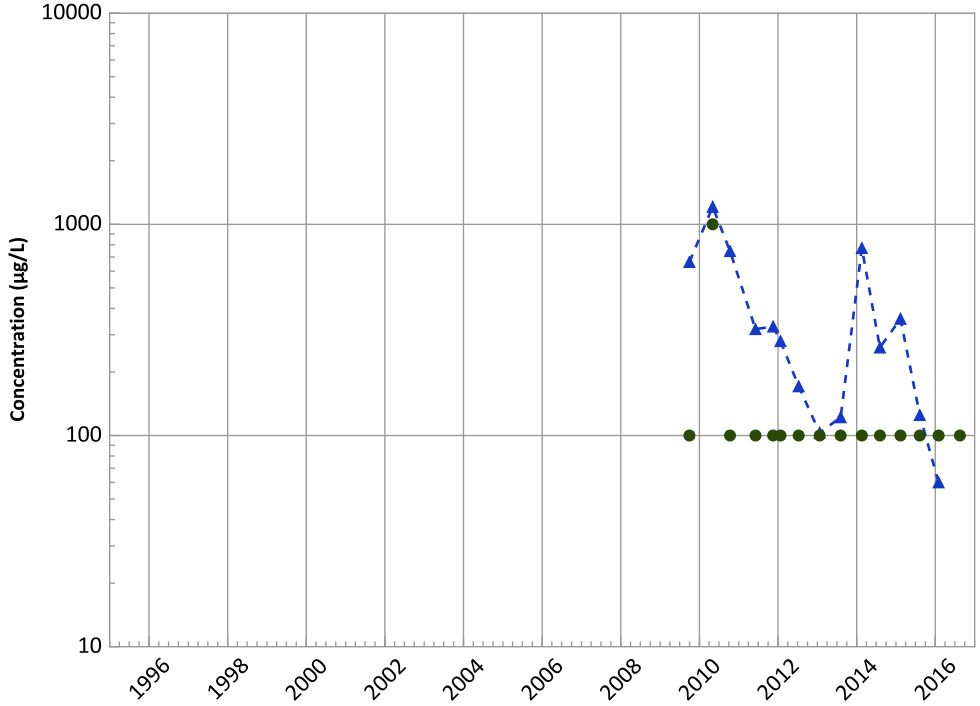


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Iron Trend



Concentration Trend

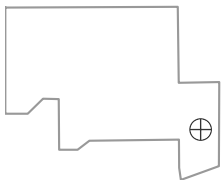
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/30/2009 to 08/17/2016
Analysis Date: 03/07/2017

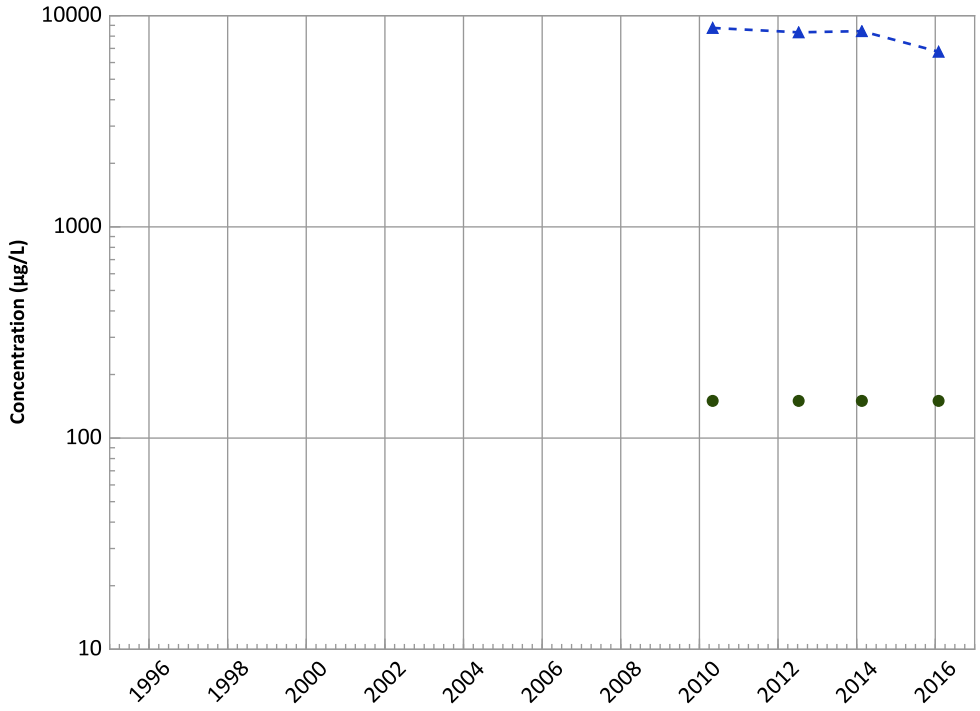
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

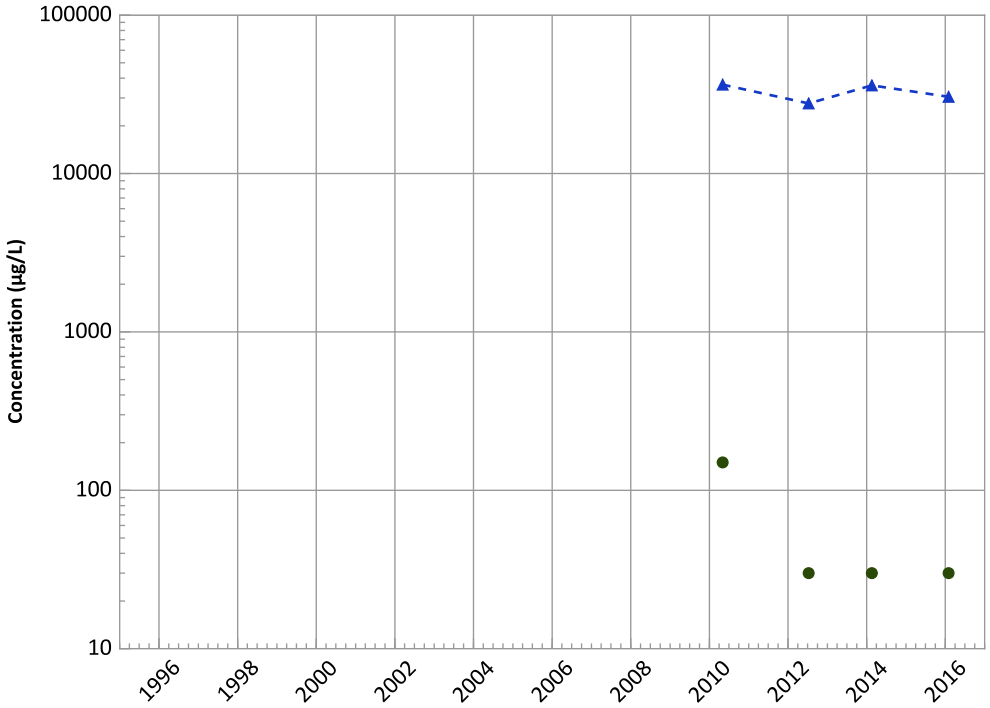


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

Magnesium Trend



Concentration Trend

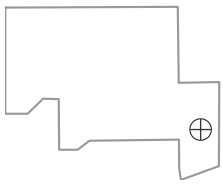
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/30/2009 to 08/17/2016
Analysis Date: 03/07/2017

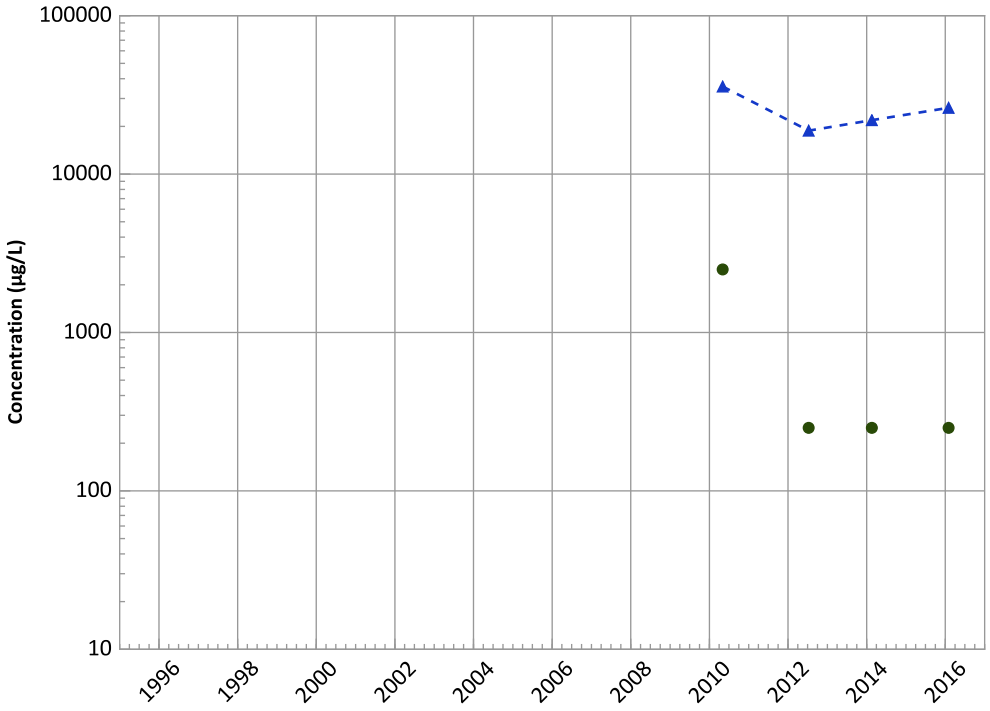
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend

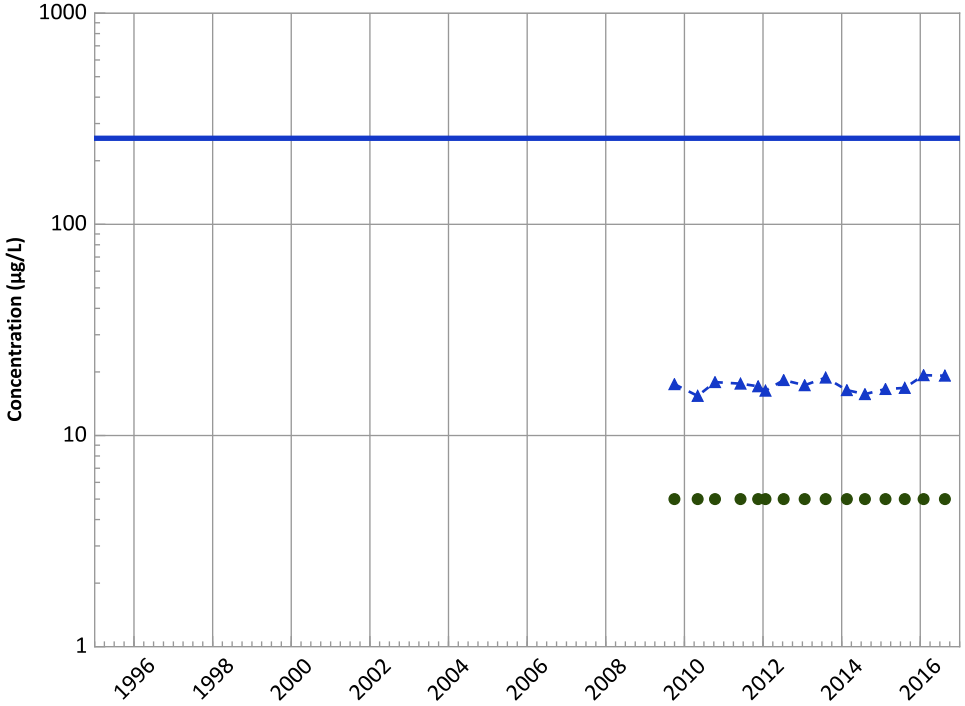


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Vanadium Trend



Concentration Trend

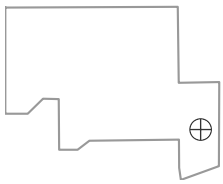
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/30/2009 to 08/17/2016
Analysis Date: 03/07/2017

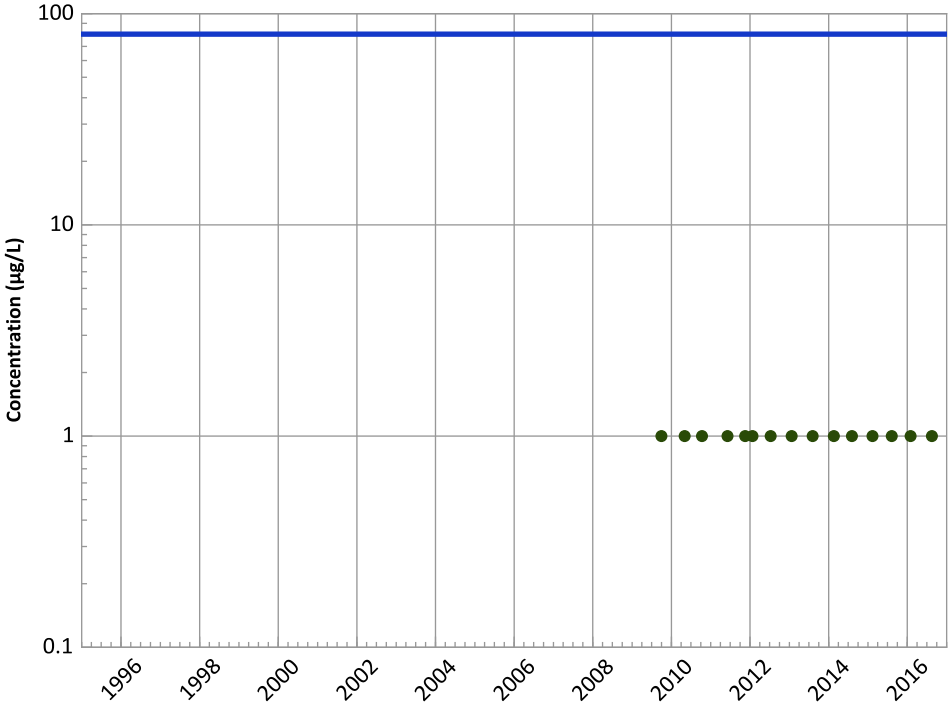
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

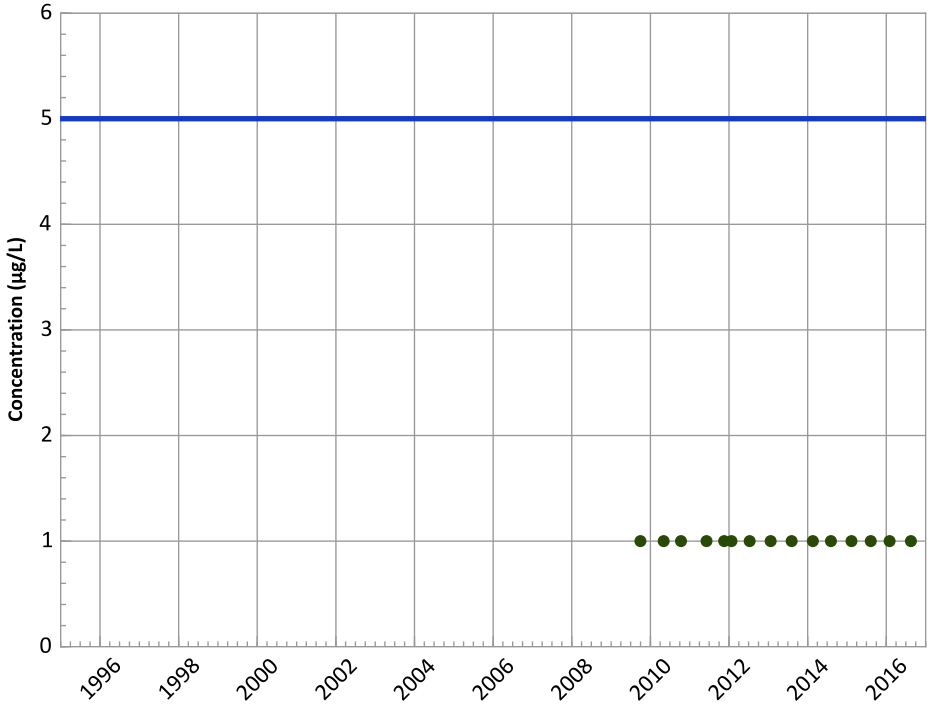


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

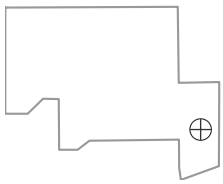
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/30/2009 to 08/17/2016
Analysis Date: 03/07/2017

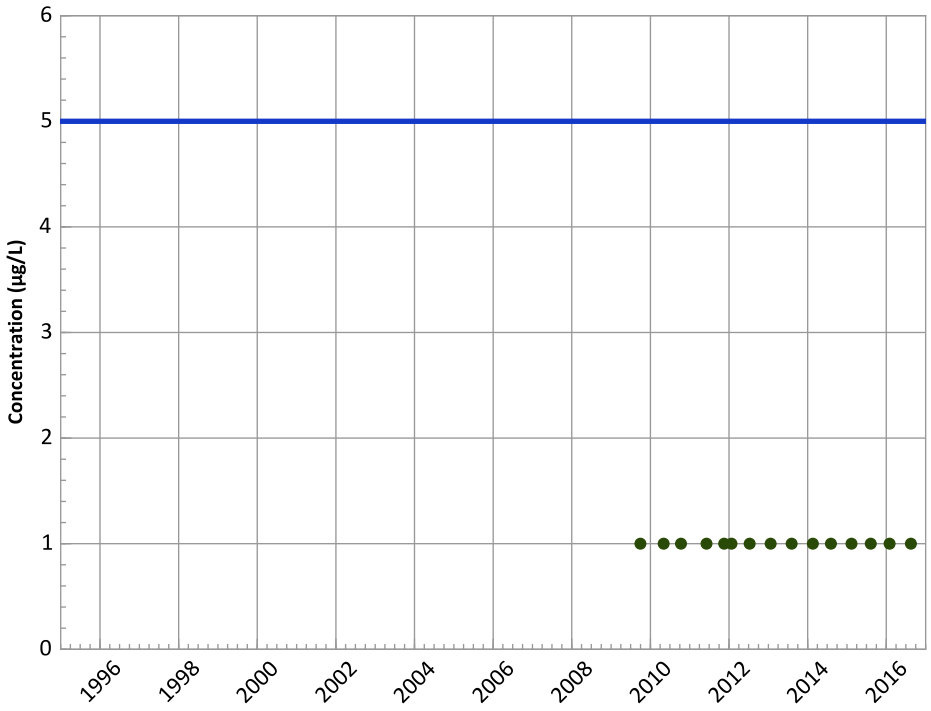
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

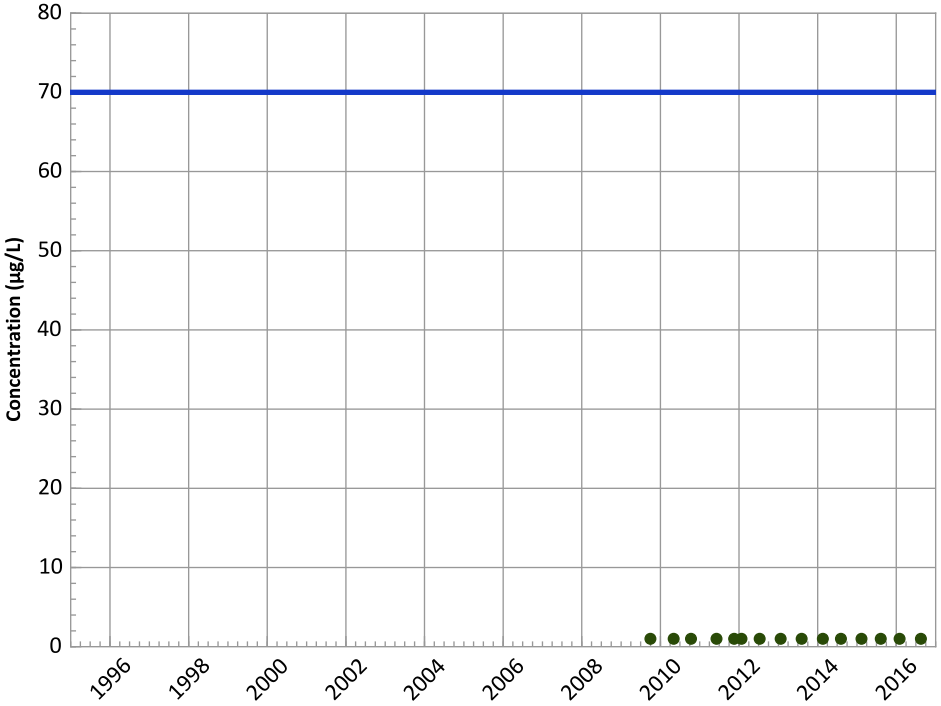


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

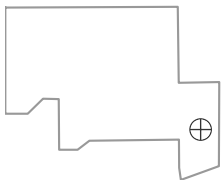
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/30/2009 to 08/17/2016
Analysis Date: 03/07/2017

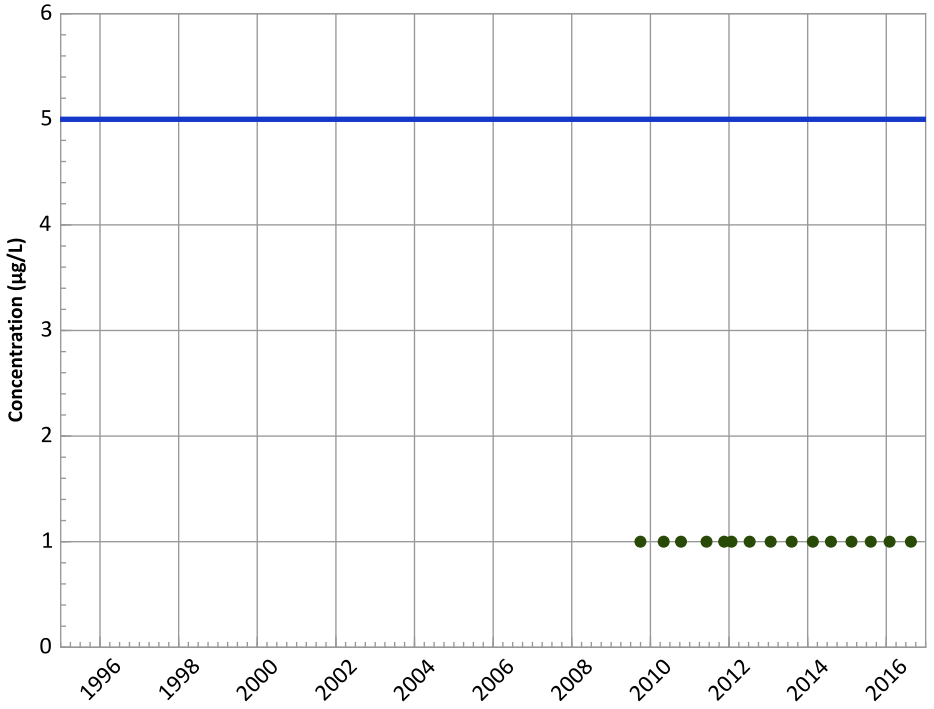
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

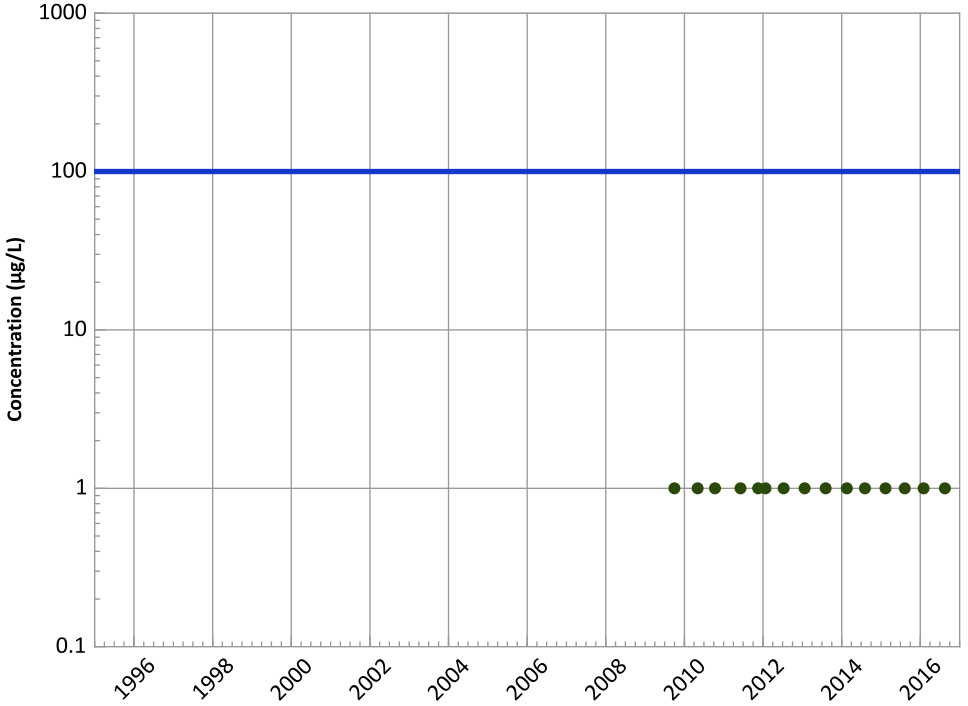


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

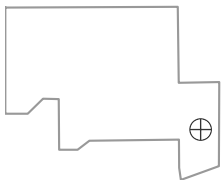
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/30/2009 to 08/17/2016
Analysis Date: 03/07/2017

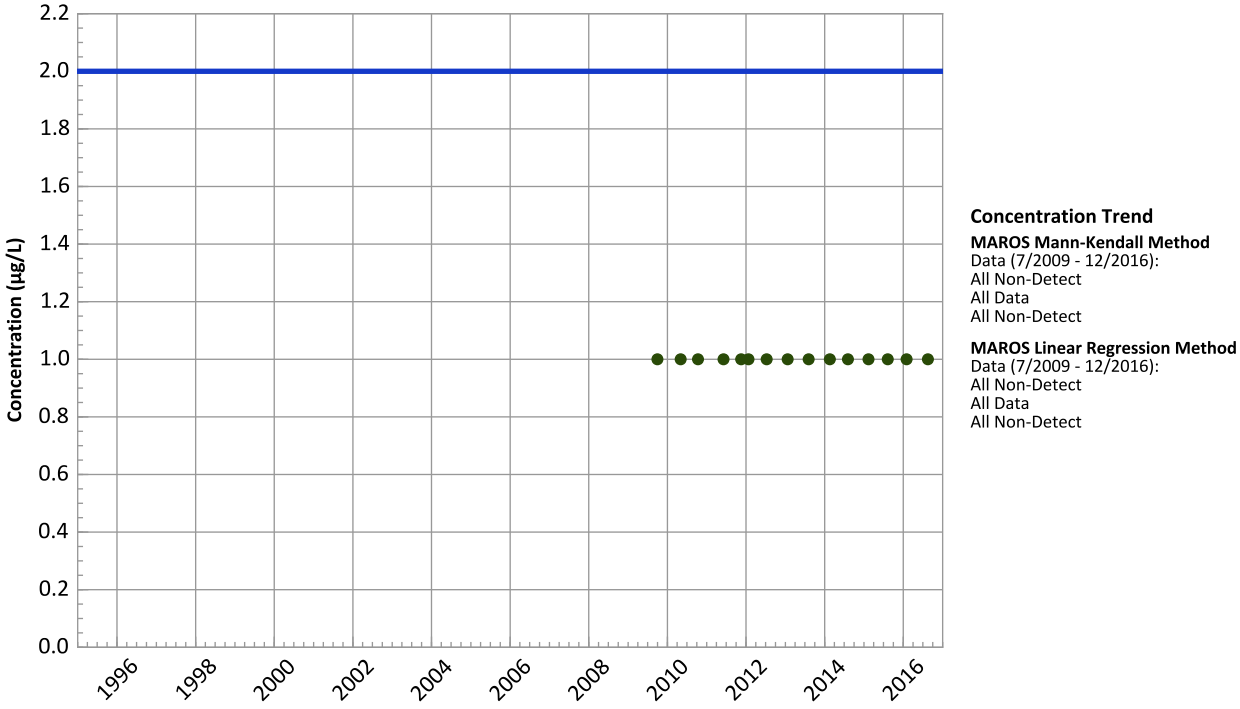
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

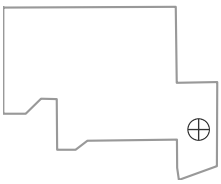
Vinyl Chloride Trend



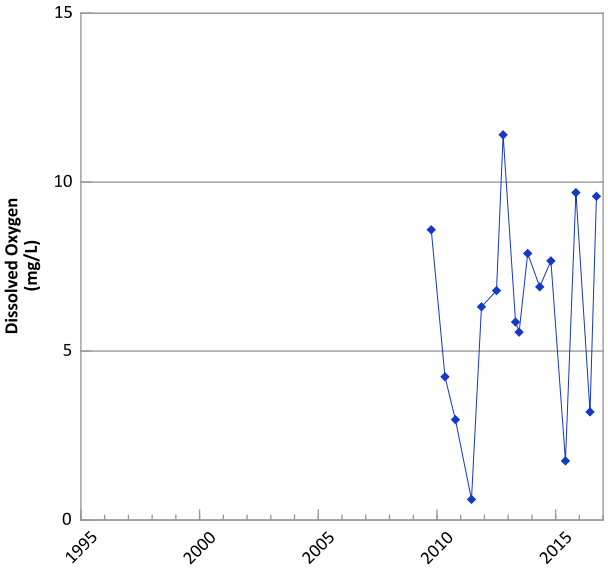
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 09/30/2009 to 08/17/2016
Analysis Date: 03/07/2017

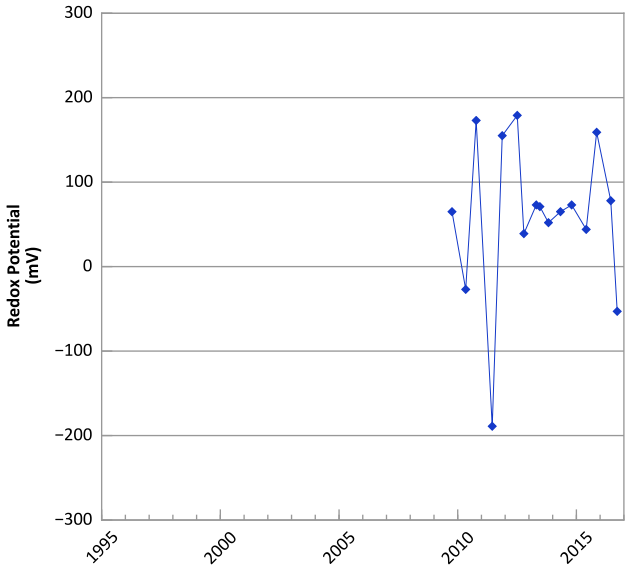
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

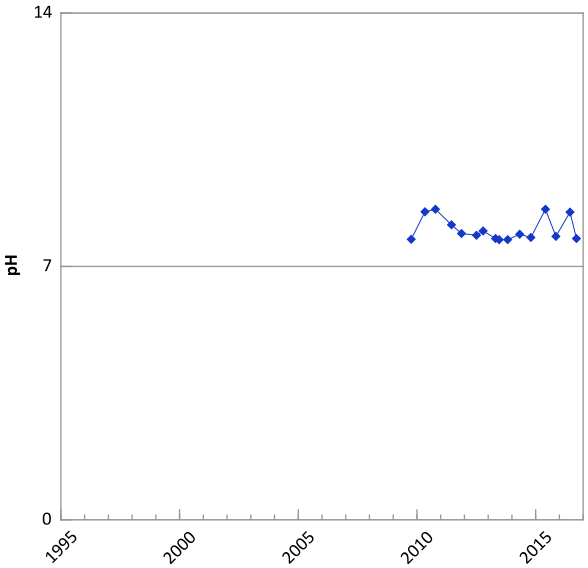
Well Location

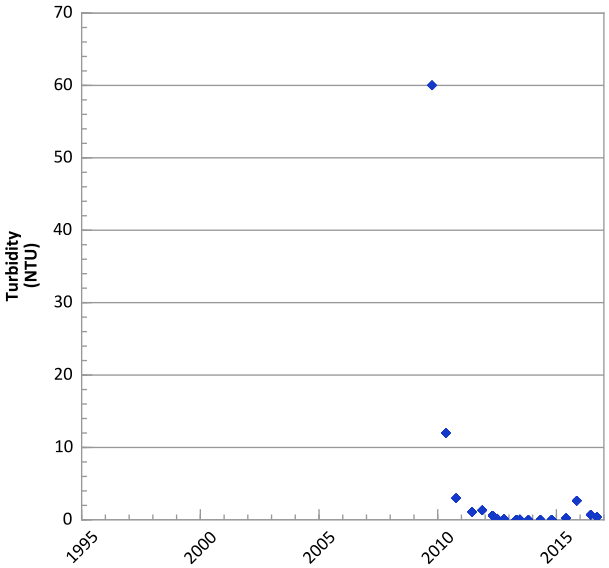


PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



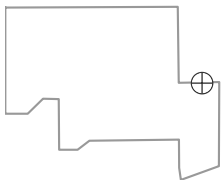






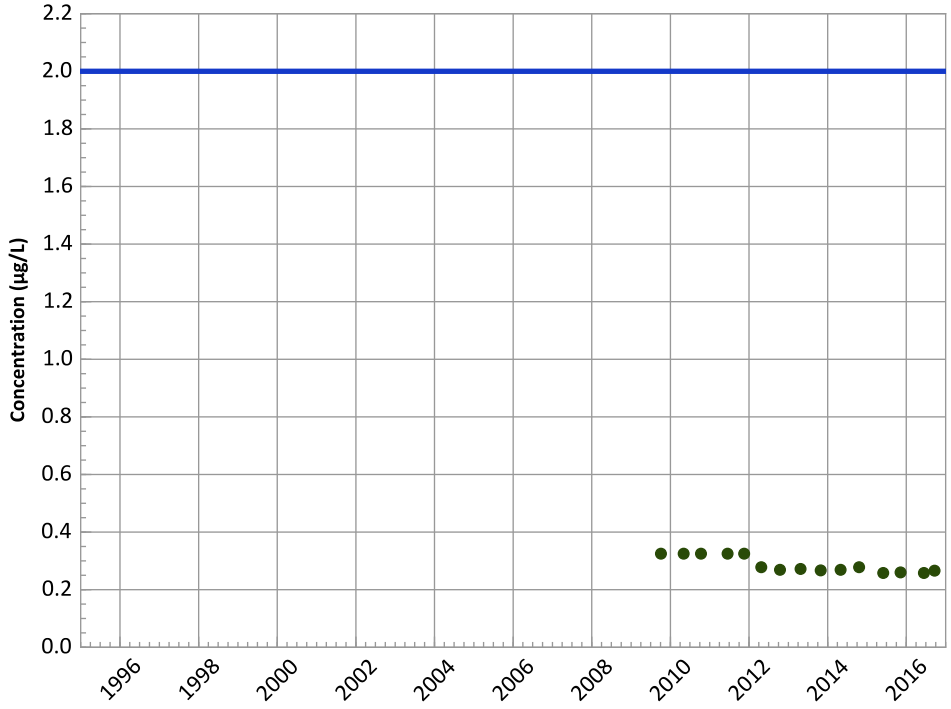
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/05/2009 to 09/20/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

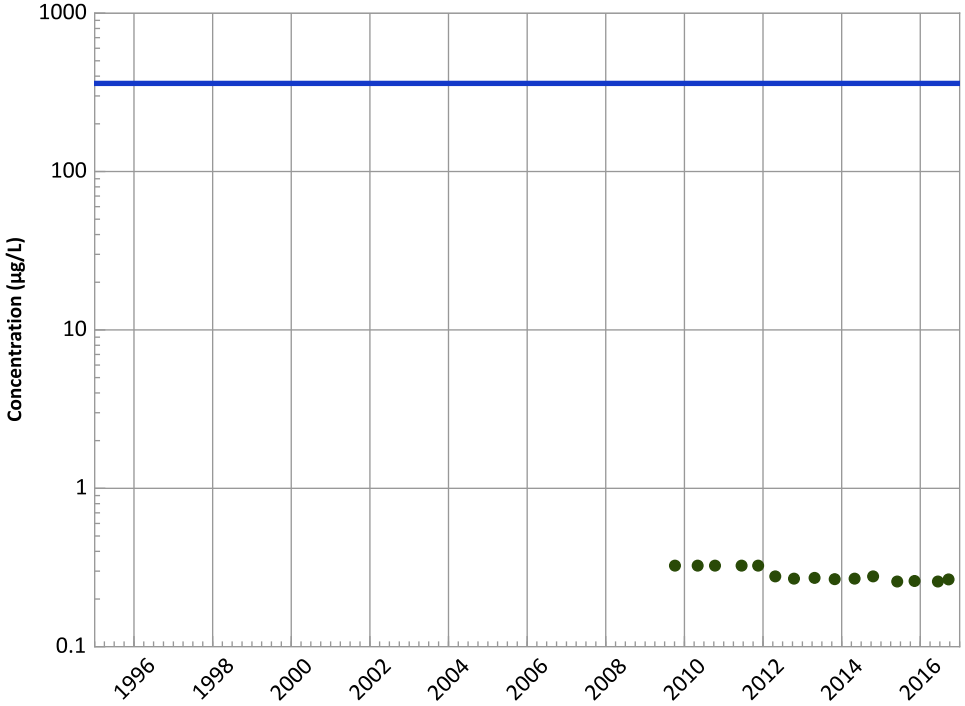


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

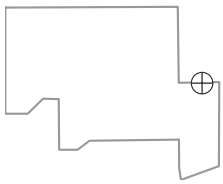
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/05/2009 to 09/20/2016
Analysis Date: 03/07/2017

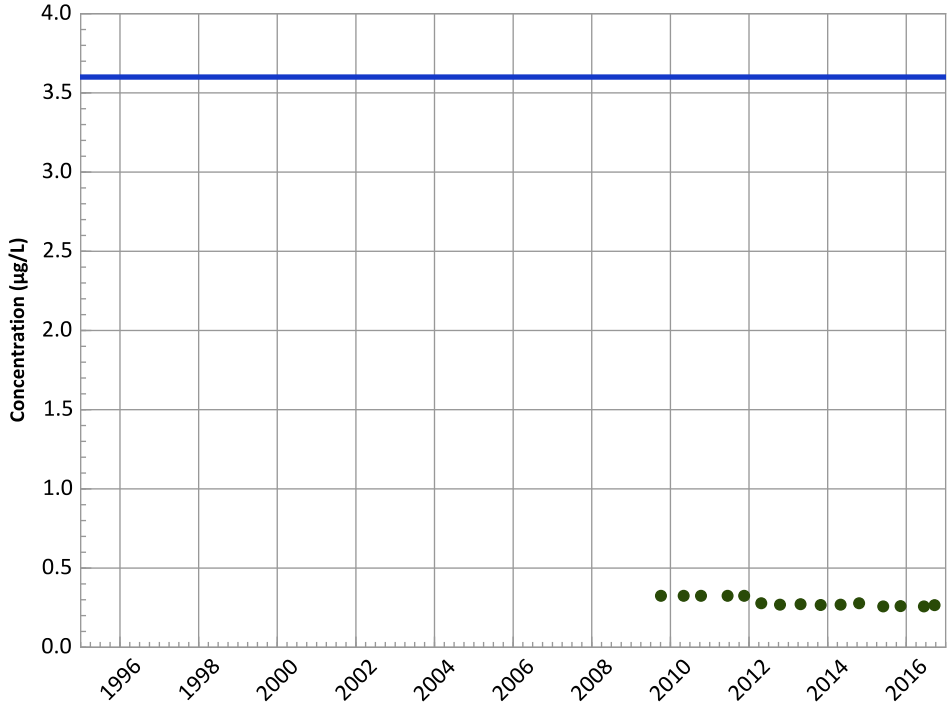
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

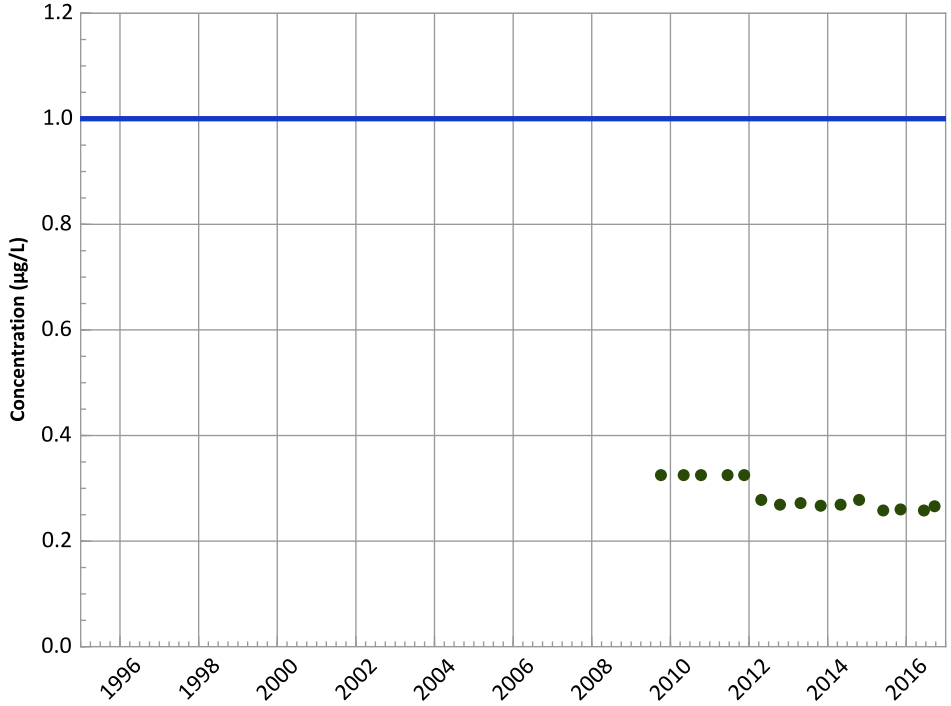


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

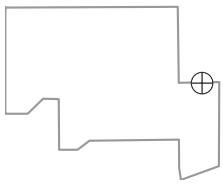
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/05/2009 to 09/20/2016
Analysis Date: 03/07/2017

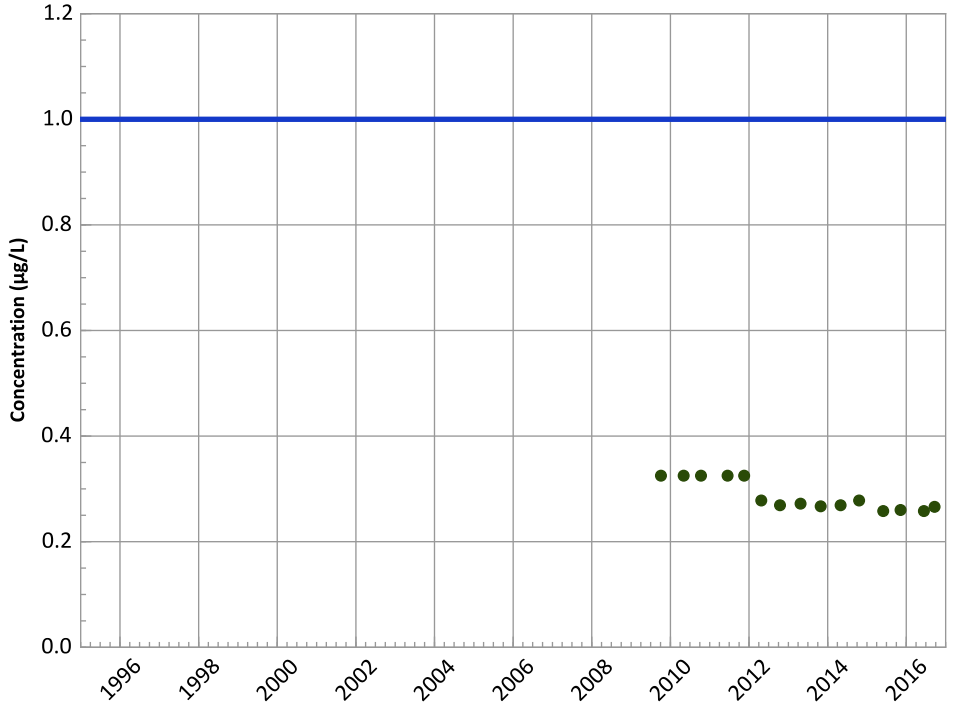
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

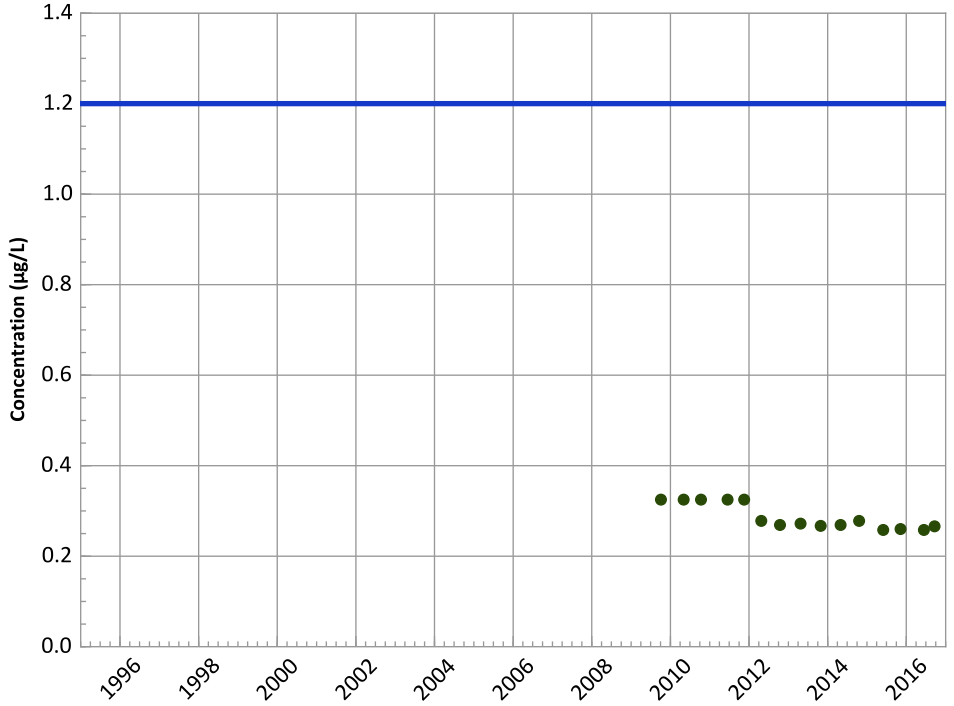


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

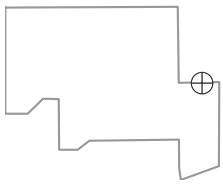
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/05/2009 to 09/20/2016
Analysis Date: 03/07/2017

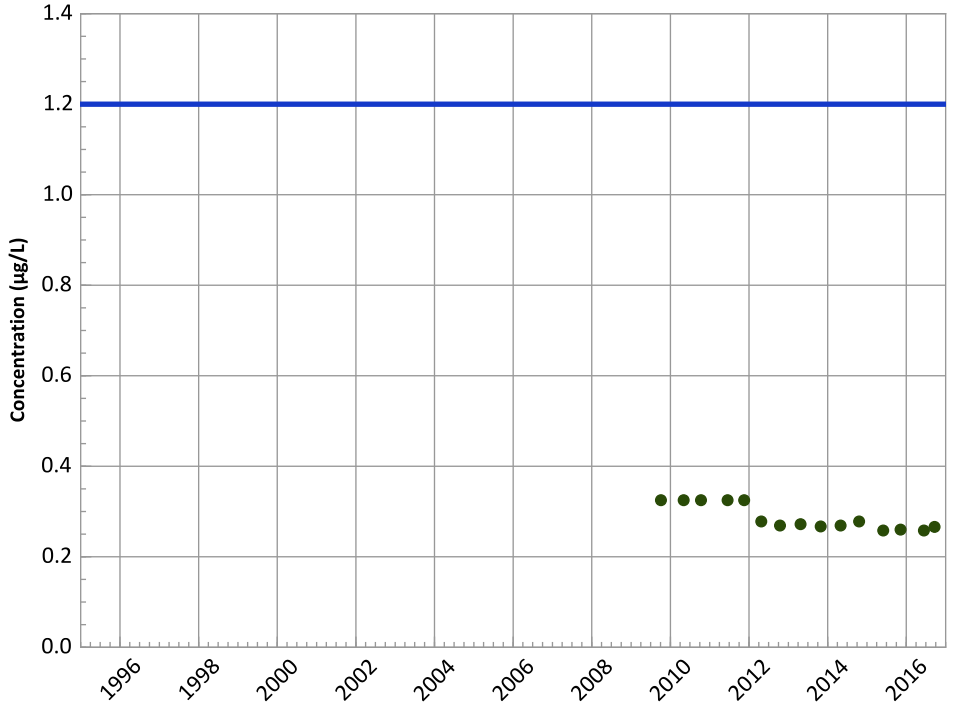
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

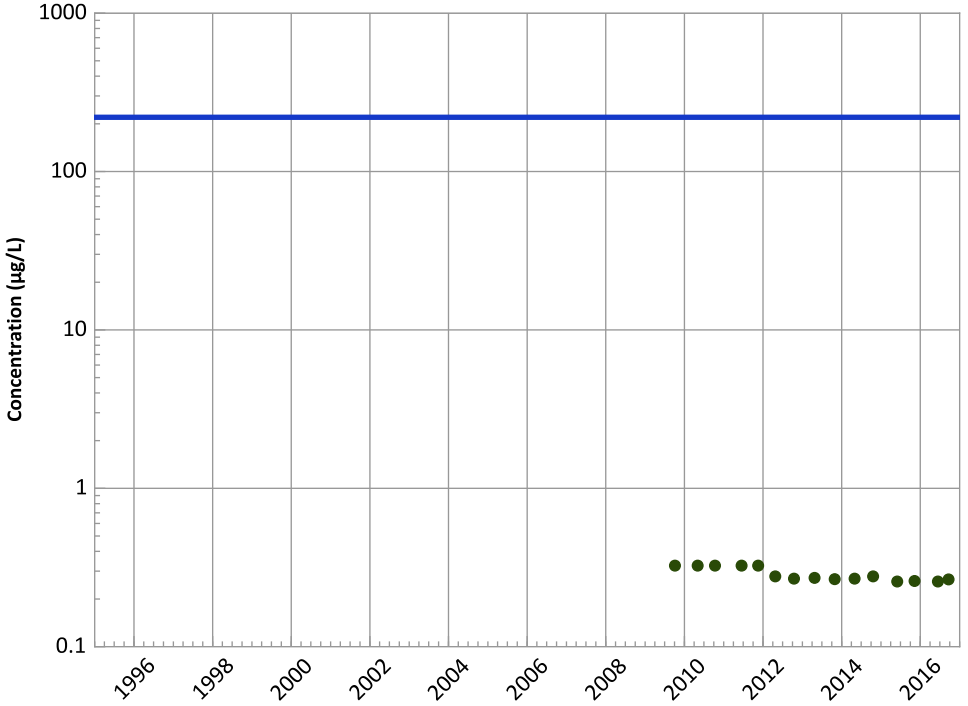


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

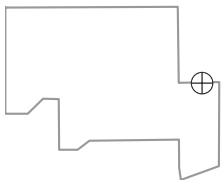
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/05/2009 to 09/20/2016
Analysis Date: 03/07/2017

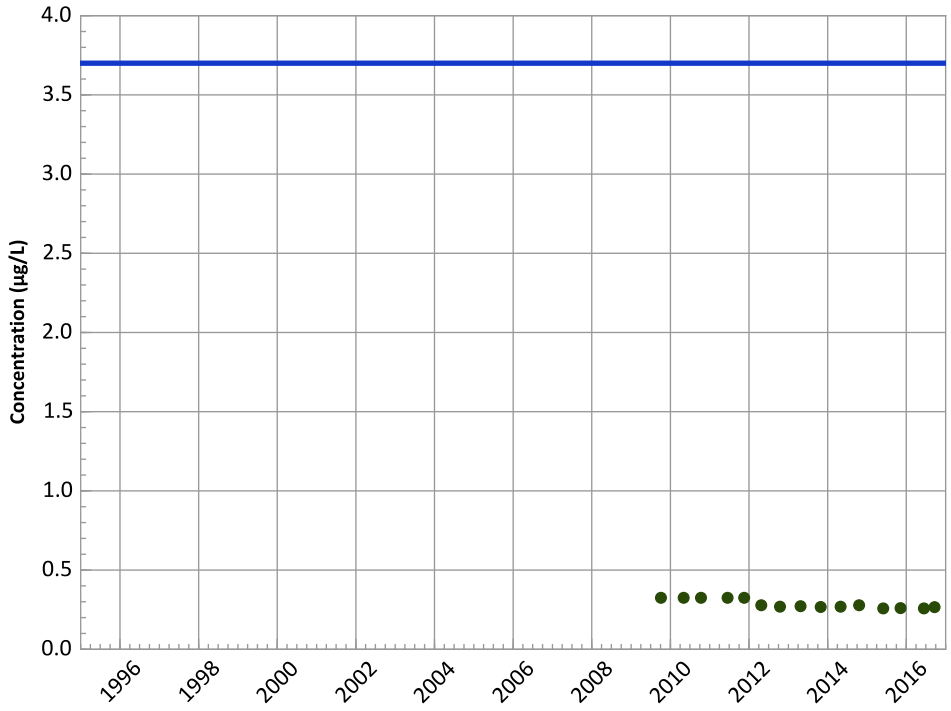
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

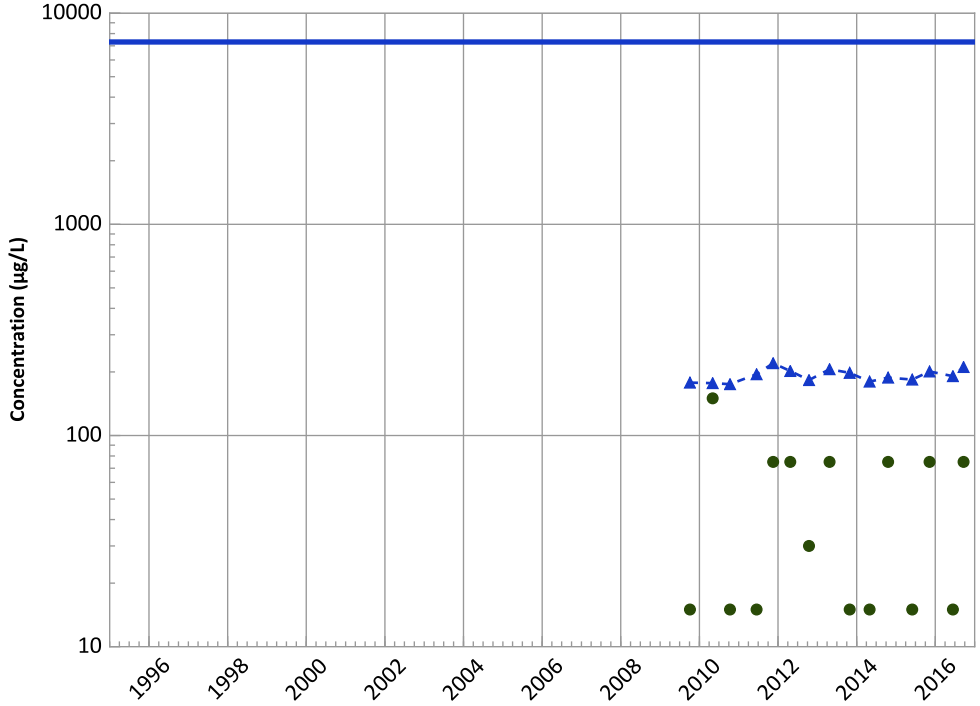


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Boron Trend



Concentration Trend

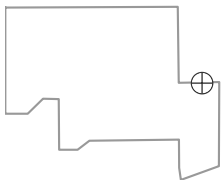
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/05/2009 to 09/20/2016
Analysis Date: 03/07/2017

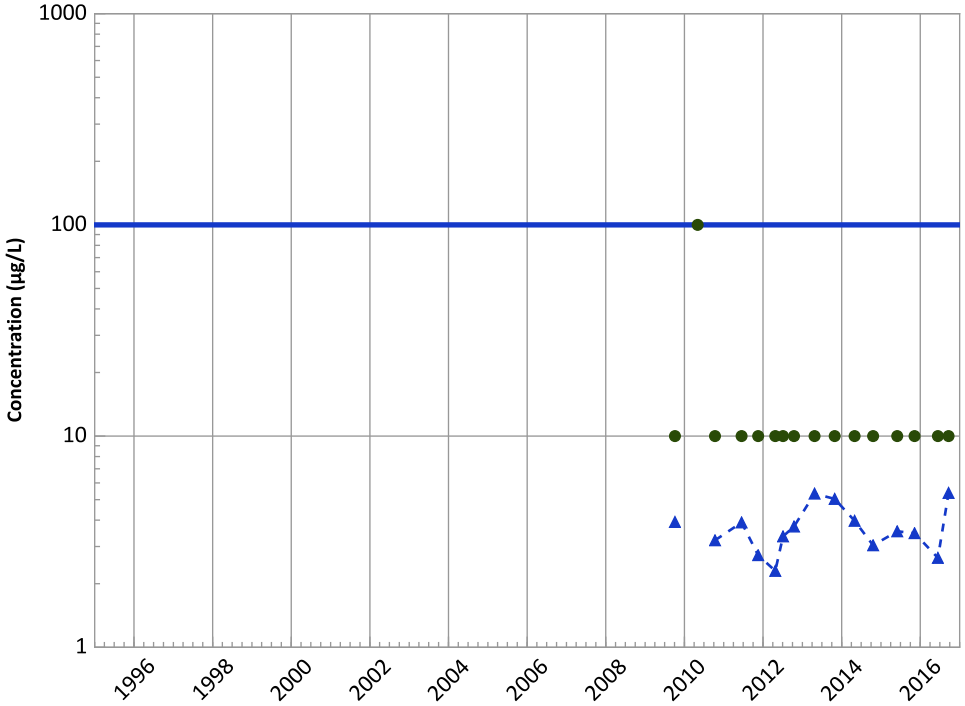
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

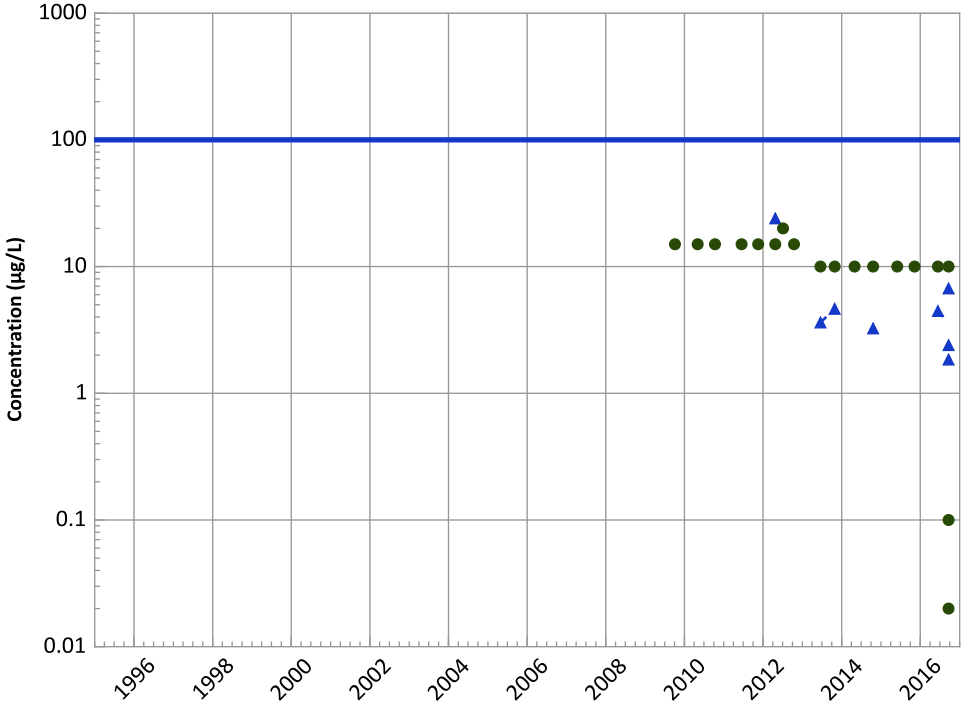


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Chromium, Hexavalent Trend



Concentration Trend

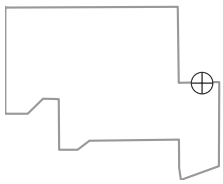
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/05/2009 to 09/20/2016
Analysis Date: 03/07/2017

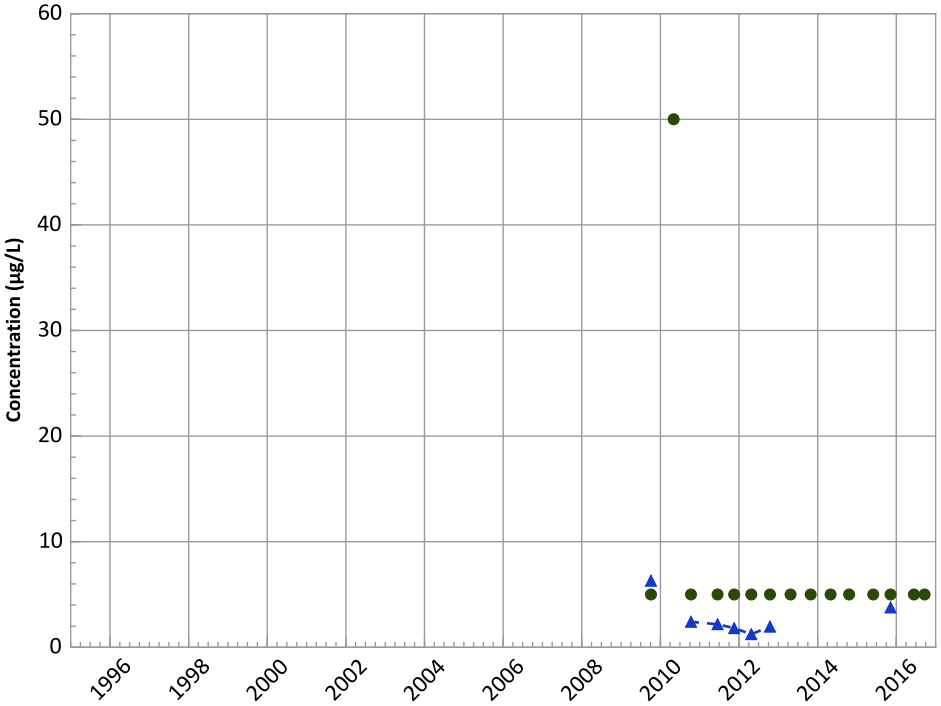
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

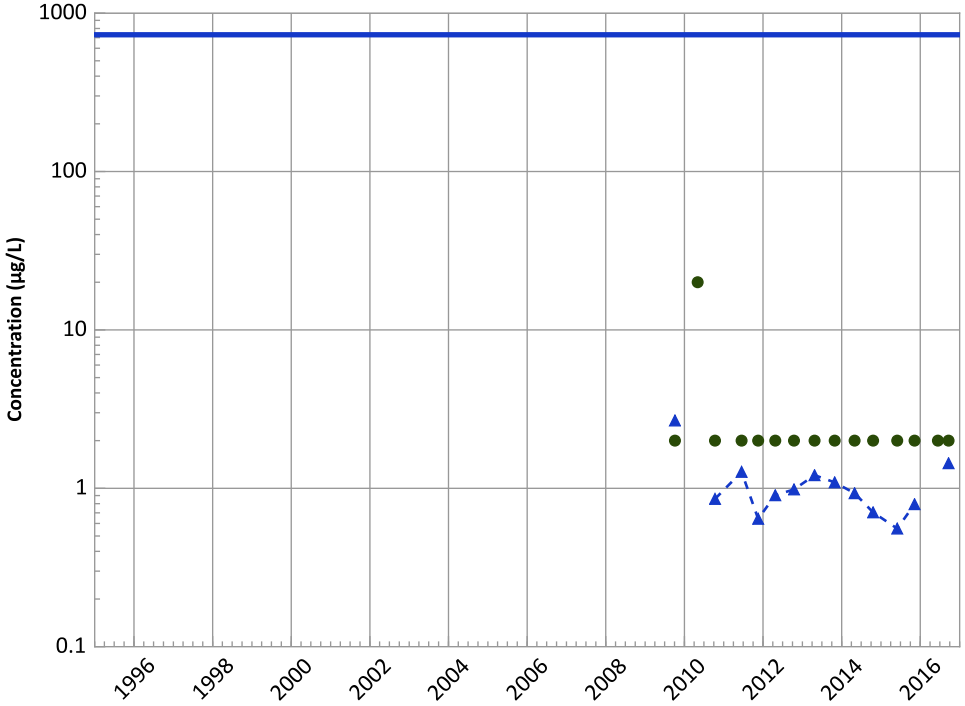


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Nickel Trend



Concentration Trend

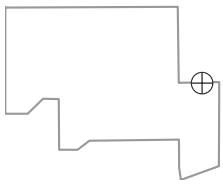
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/05/2009 to 09/20/2016
Analysis Date: 03/07/2017

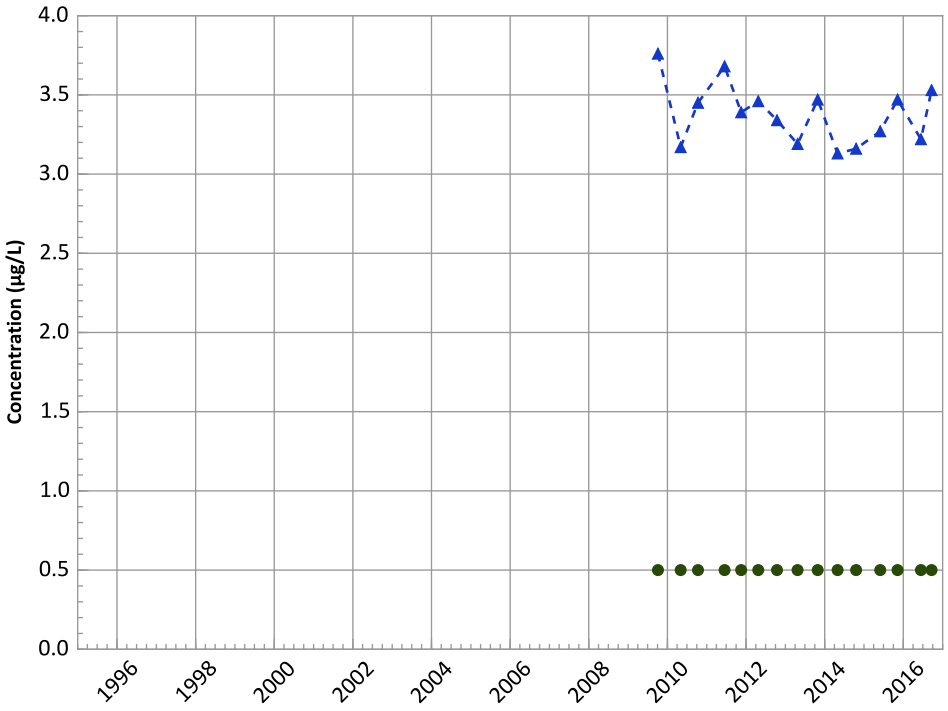
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

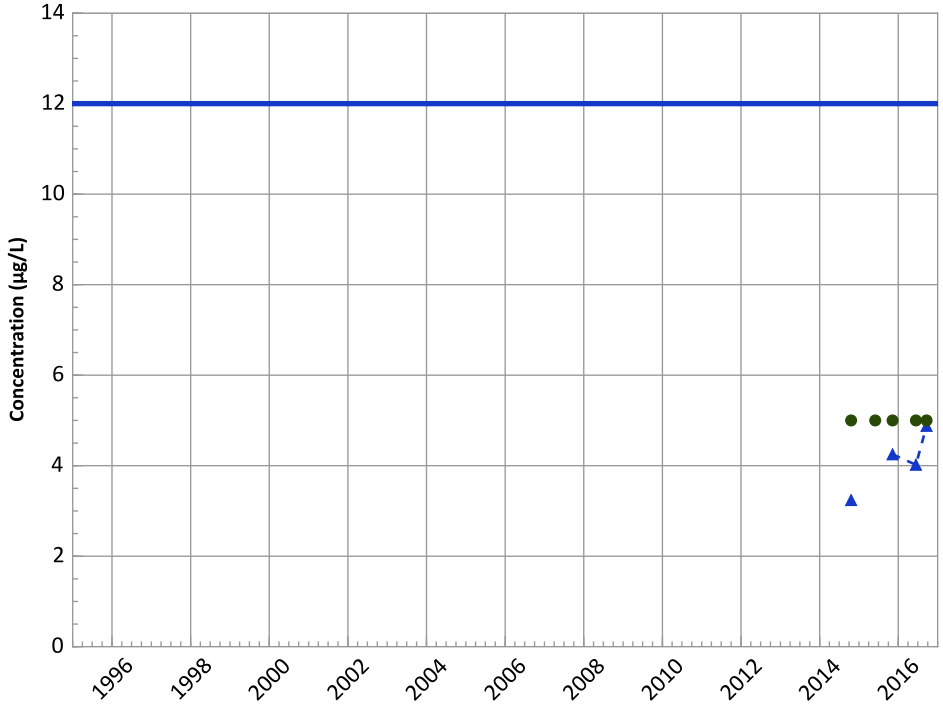


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Arsenic Trend



Concentration Trend

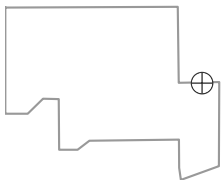
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/05/2009 to 09/20/2016
Analysis Date: 03/07/2017

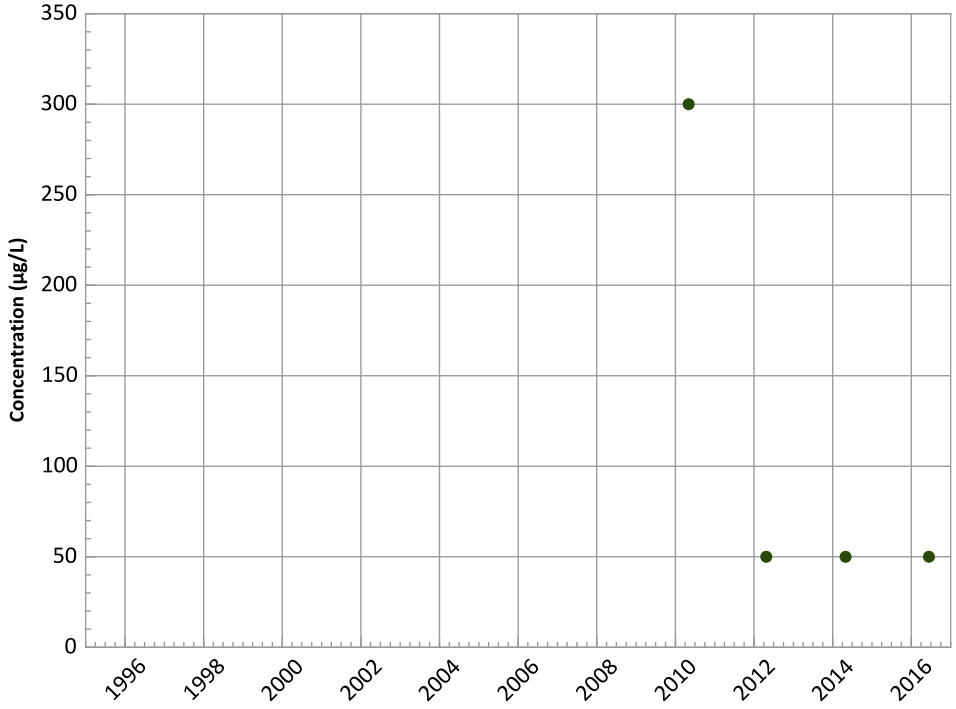
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

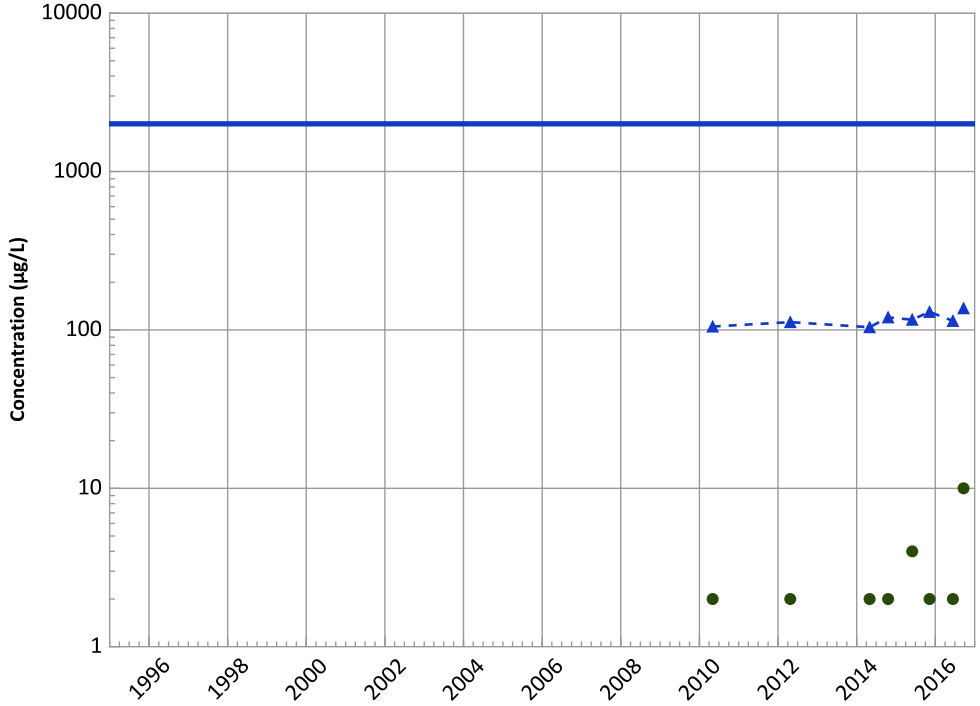


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Barium Trend



Concentration Trend

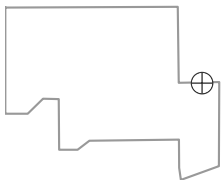
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/05/2009 to 09/20/2016
Analysis Date: 03/07/2017

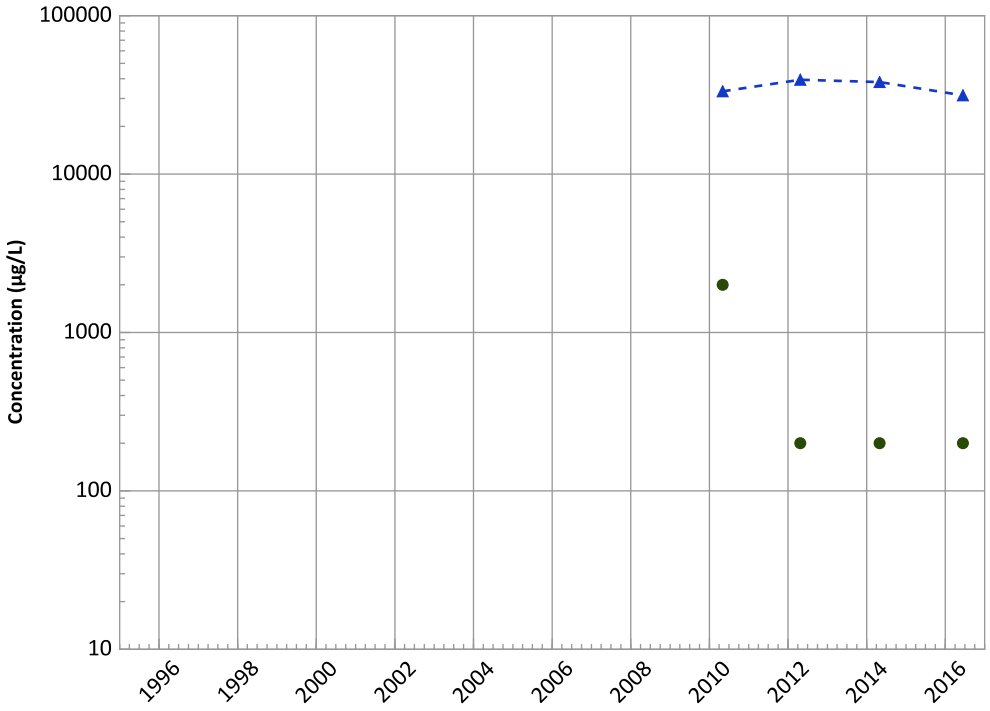
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

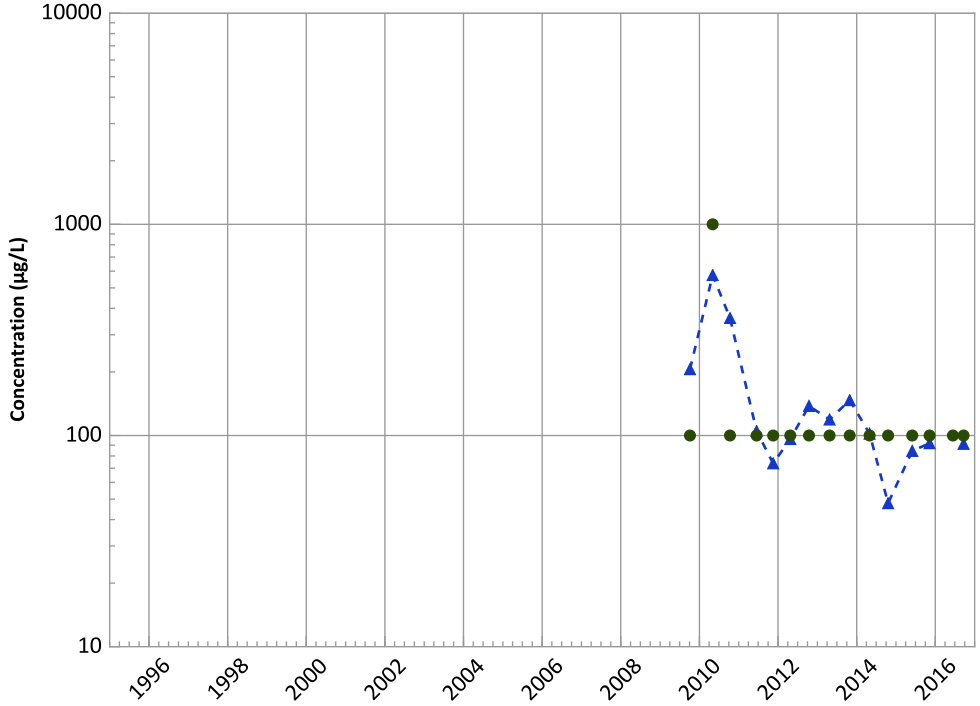


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Iron Trend



Concentration Trend

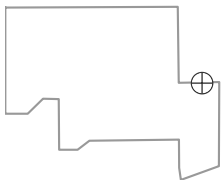
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/05/2009 to 09/20/2016
Analysis Date: 03/07/2017

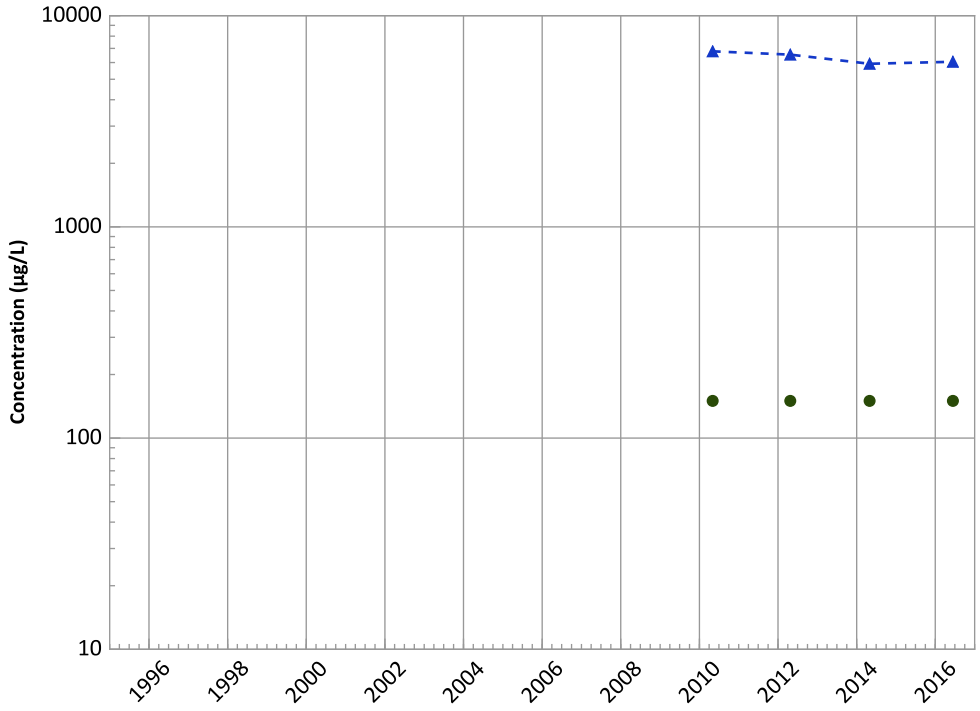
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

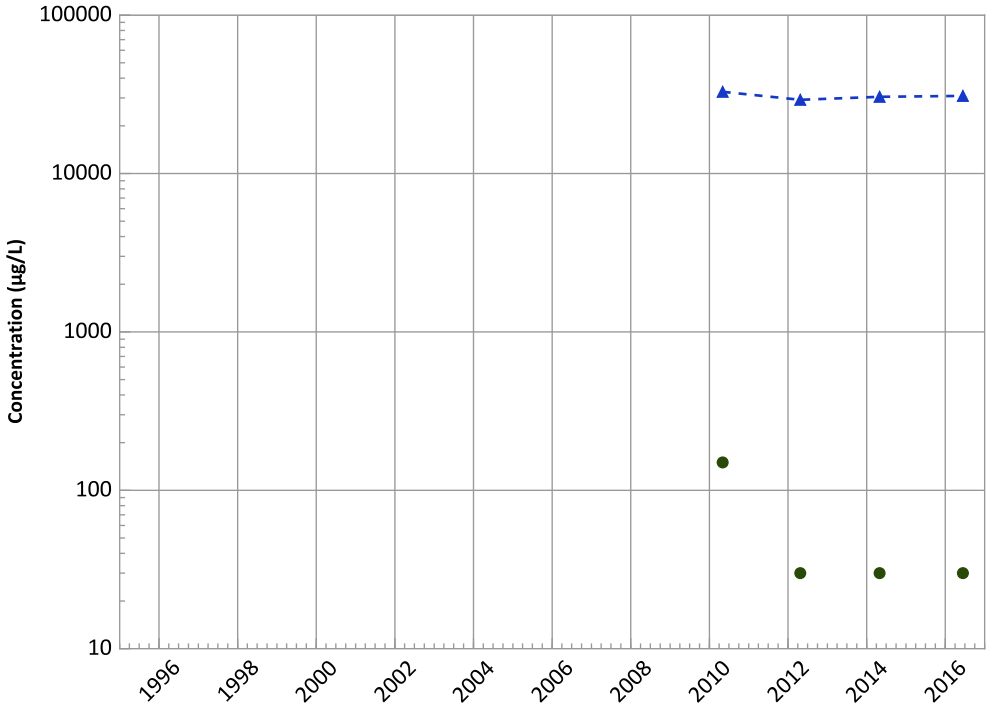


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

Magnesium Trend



Concentration Trend

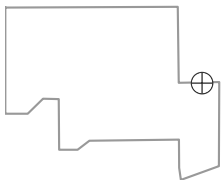
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/05/2009 to 09/20/2016
Analysis Date: 03/07/2017

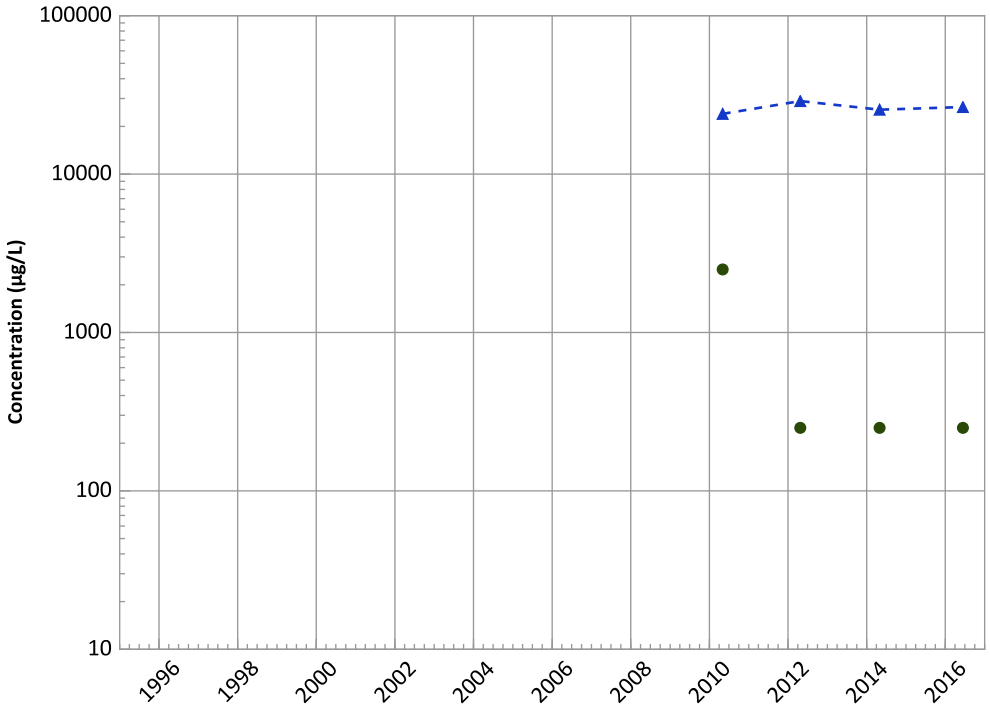
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend

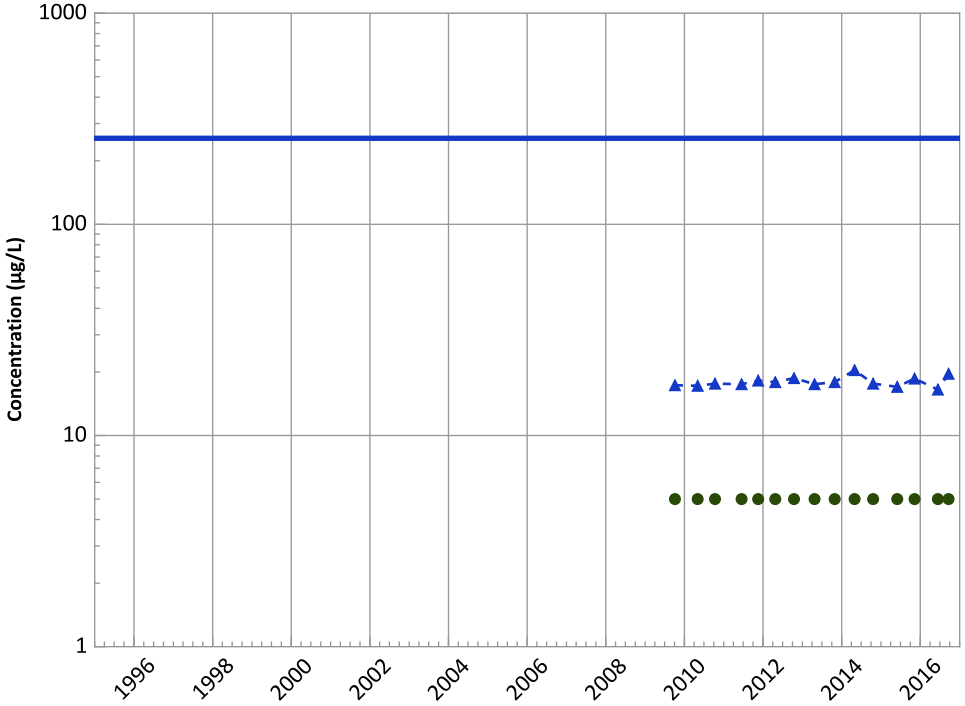


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Vanadium Trend



Concentration Trend

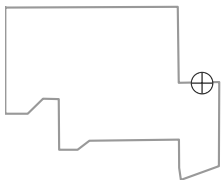
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/05/2009 to 09/20/2016
Analysis Date: 03/07/2017

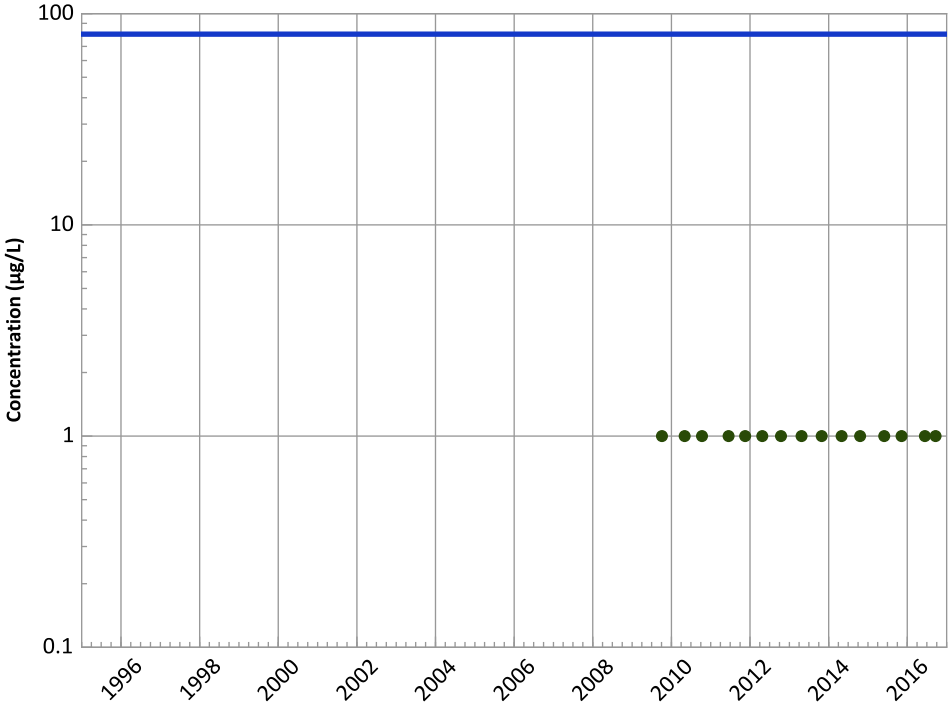
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

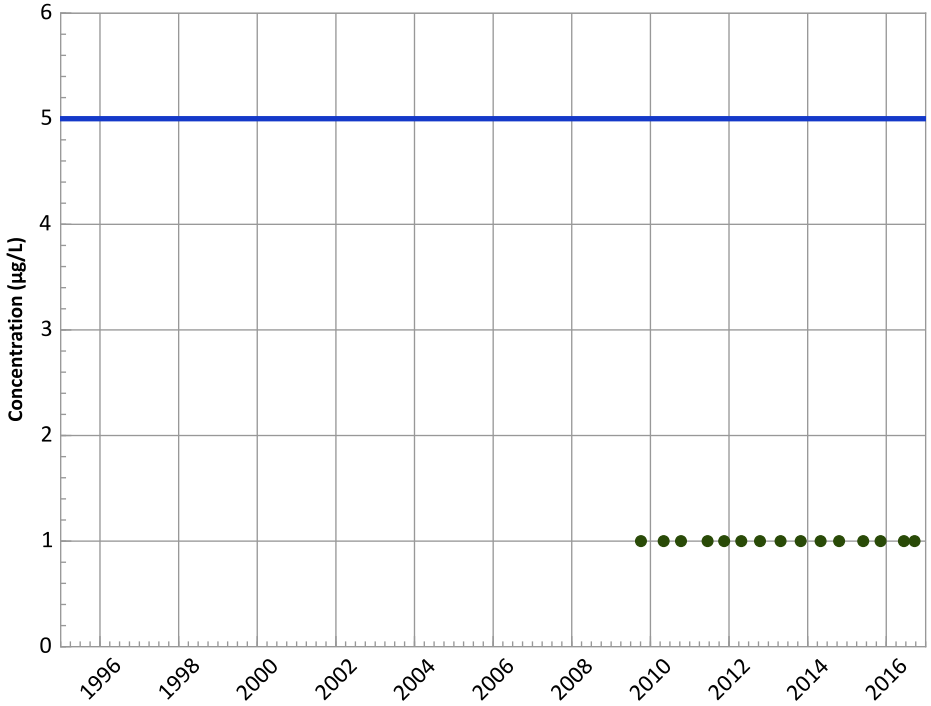


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

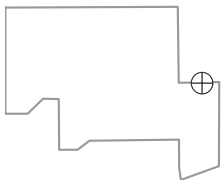
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/05/2009 to 09/20/2016
Analysis Date: 03/07/2017

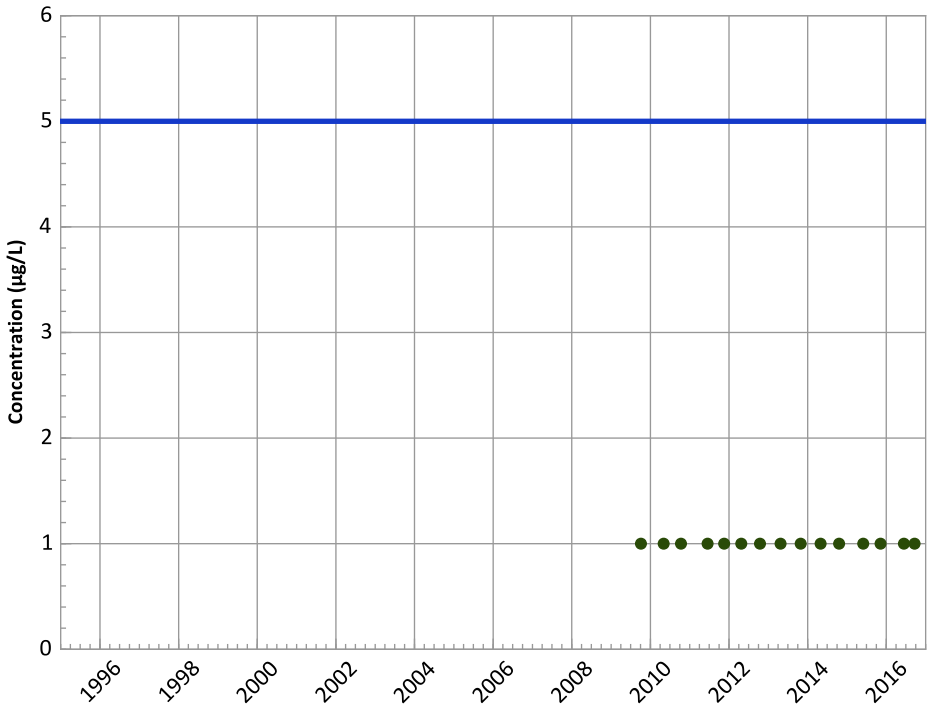
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

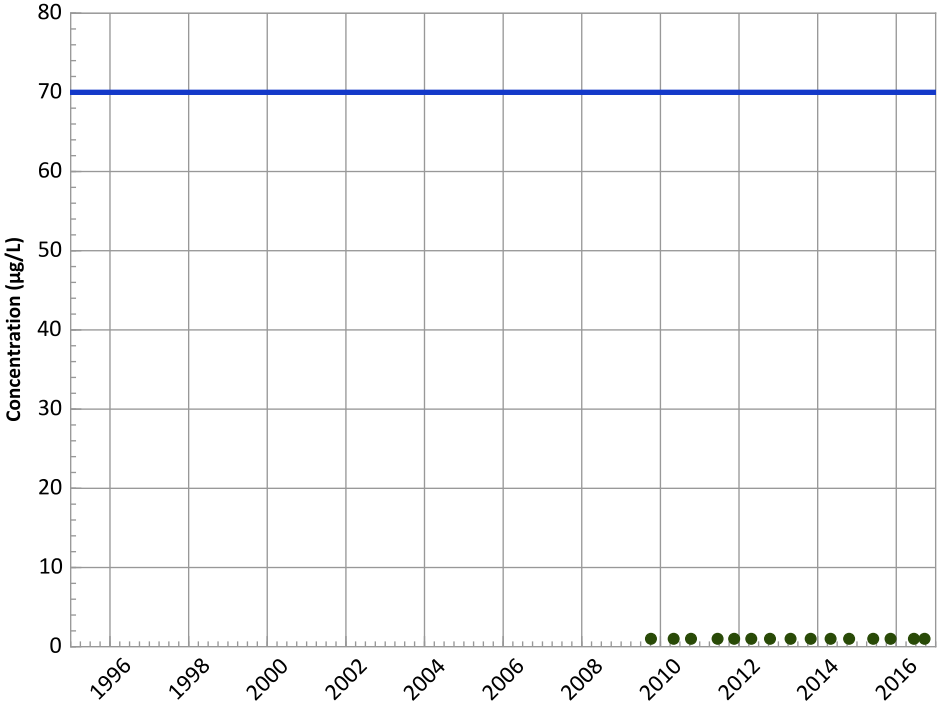


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

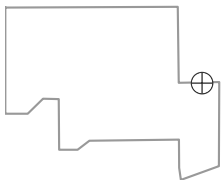
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/05/2009 to 09/20/2016
Analysis Date: 03/07/2017

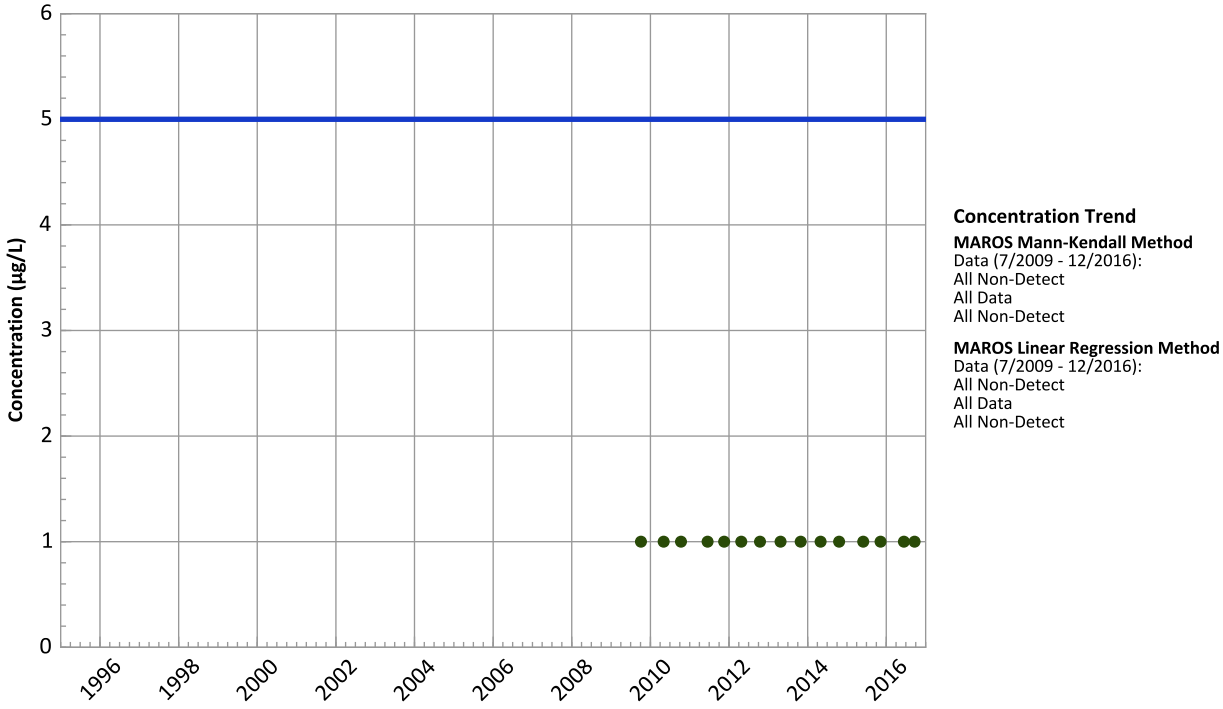
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

Well Location

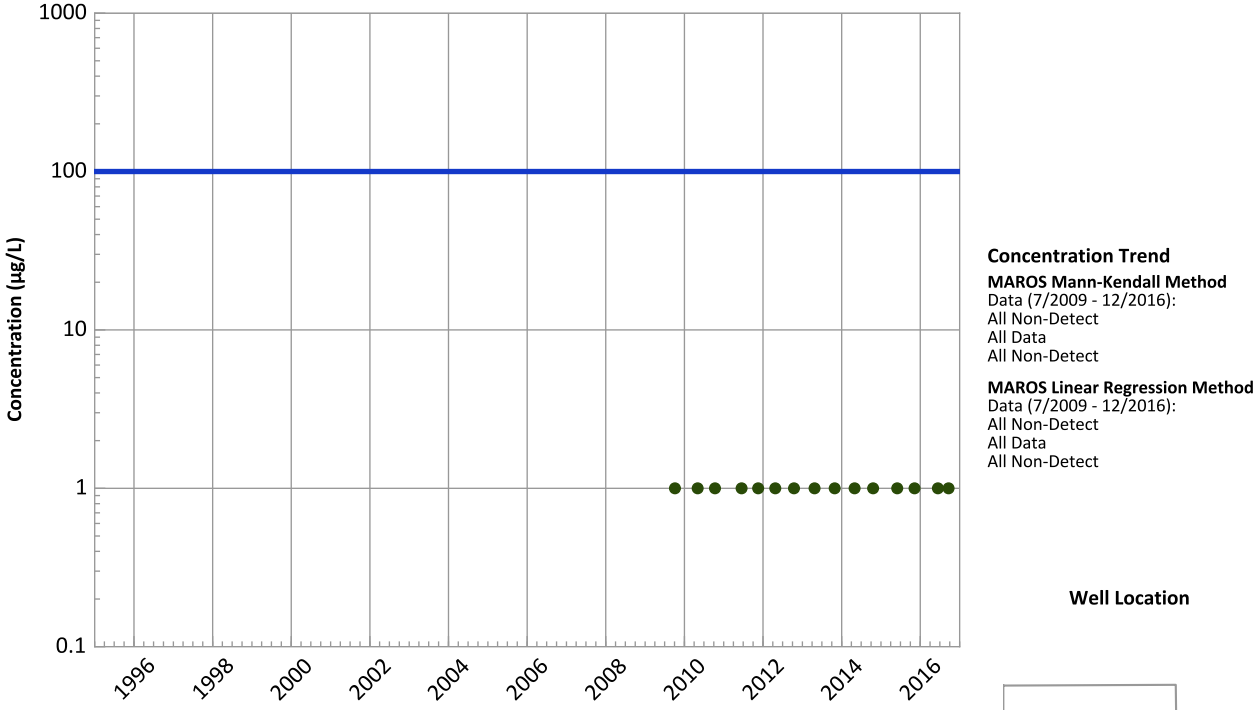


PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend



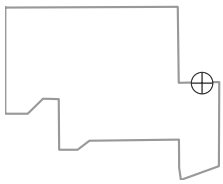
trans-1,2-Dichloroethene Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/05/2009 to 09/20/2016
Analysis Date: 03/07/2017

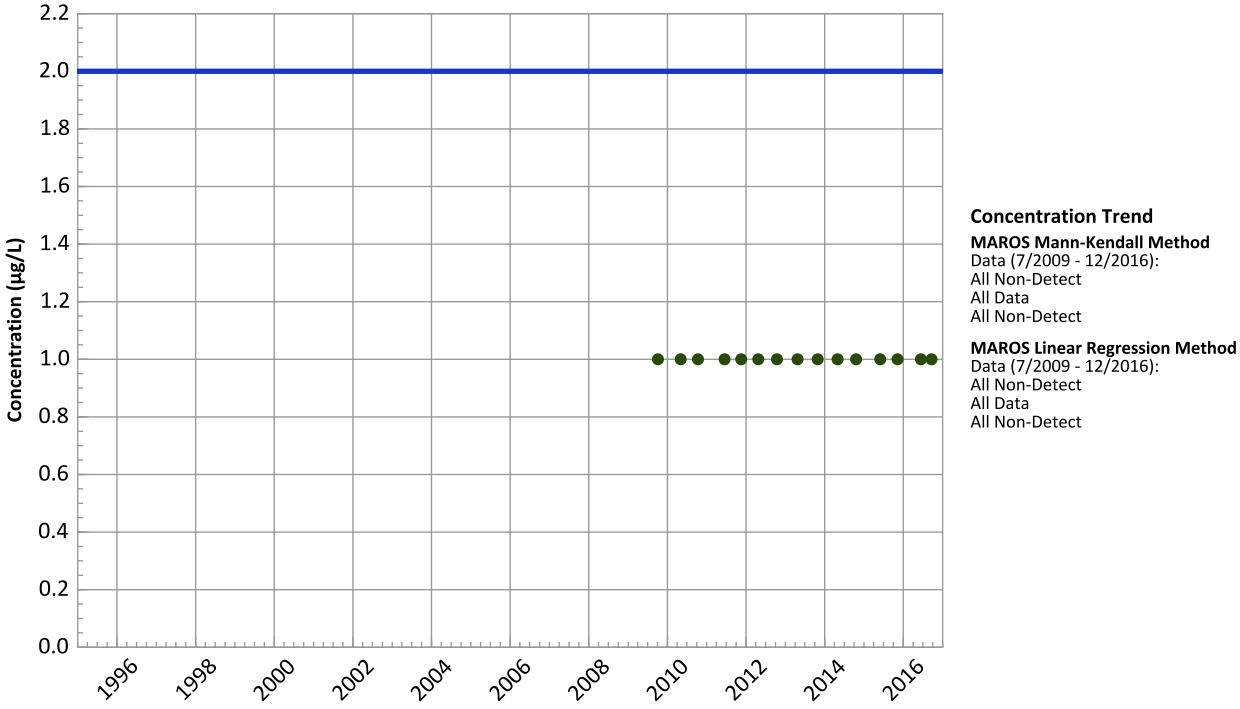
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

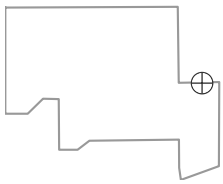
Vinyl Chloride Trend



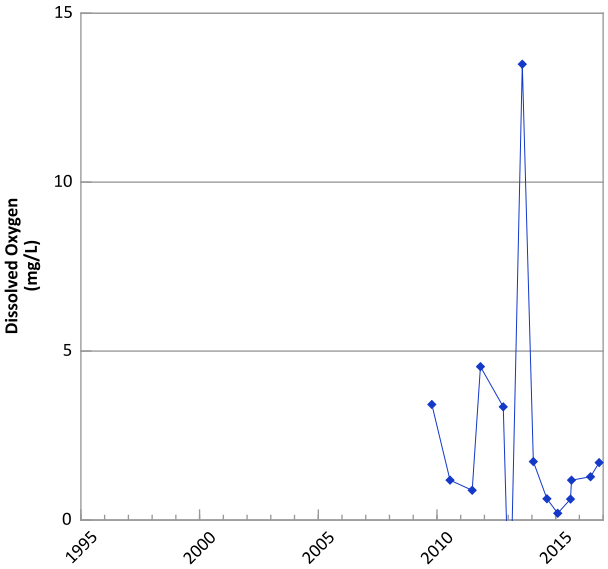
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/05/2009 to 09/20/2016
Analysis Date: 03/07/2017

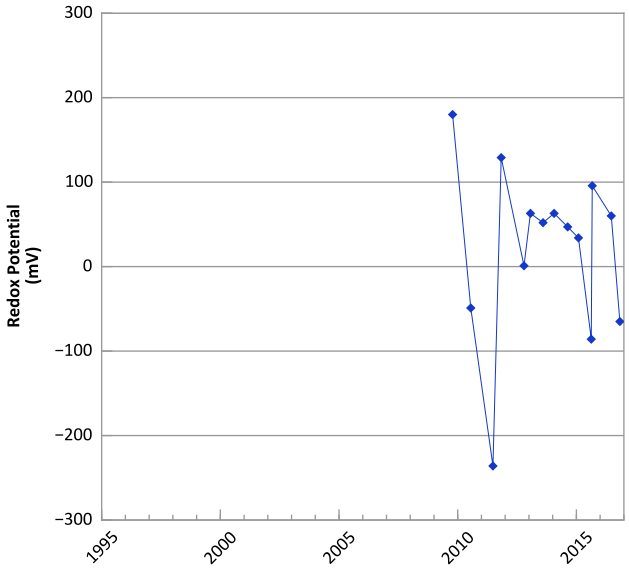
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

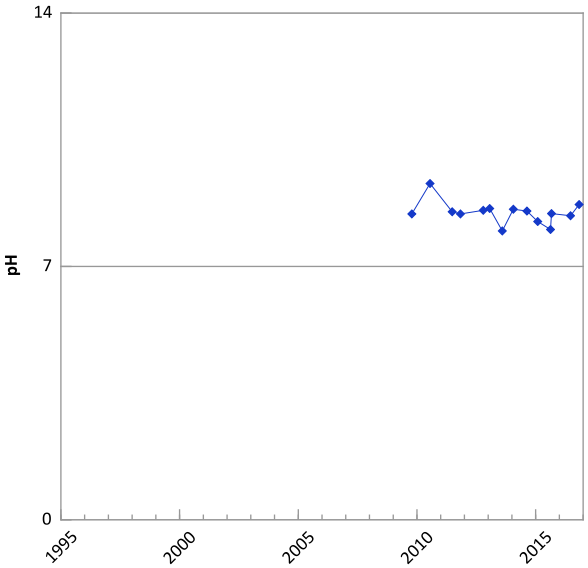
Well Location

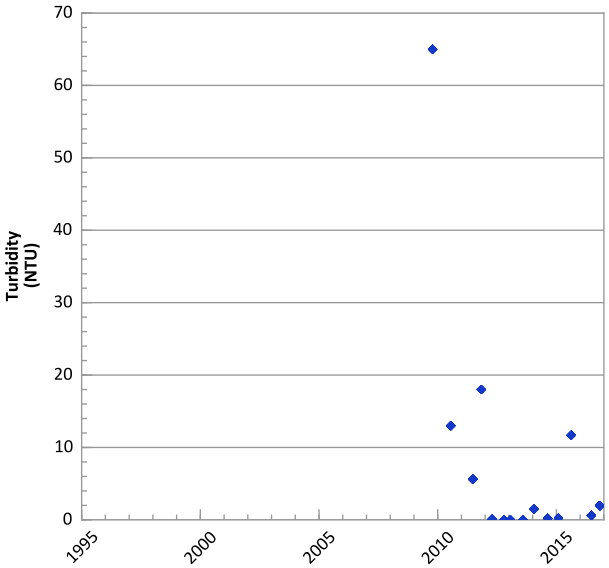


PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



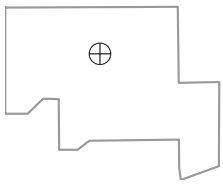






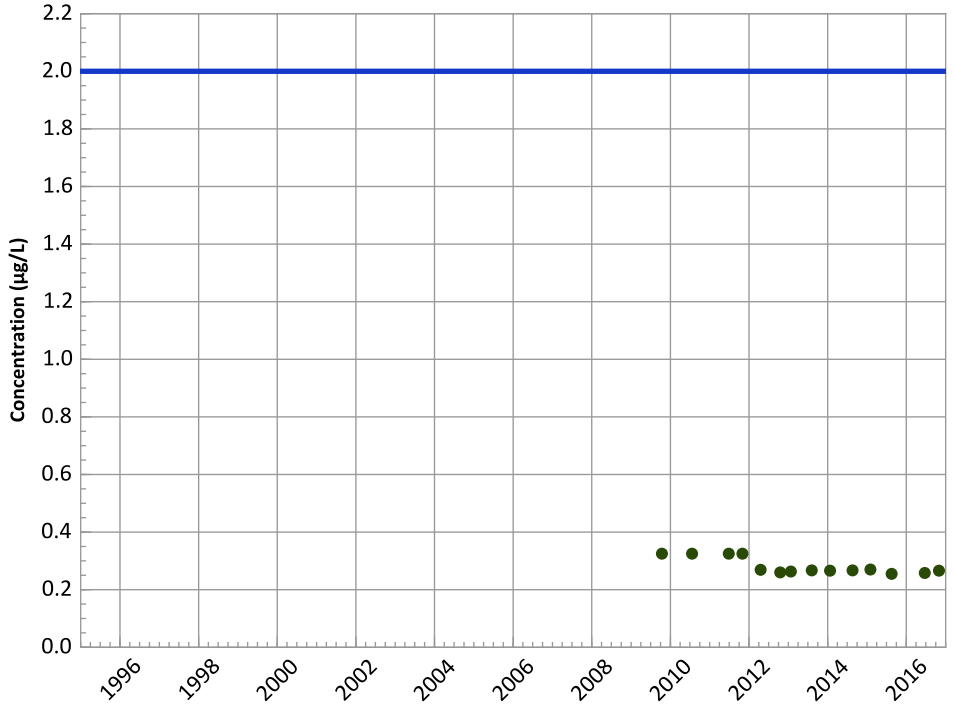
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

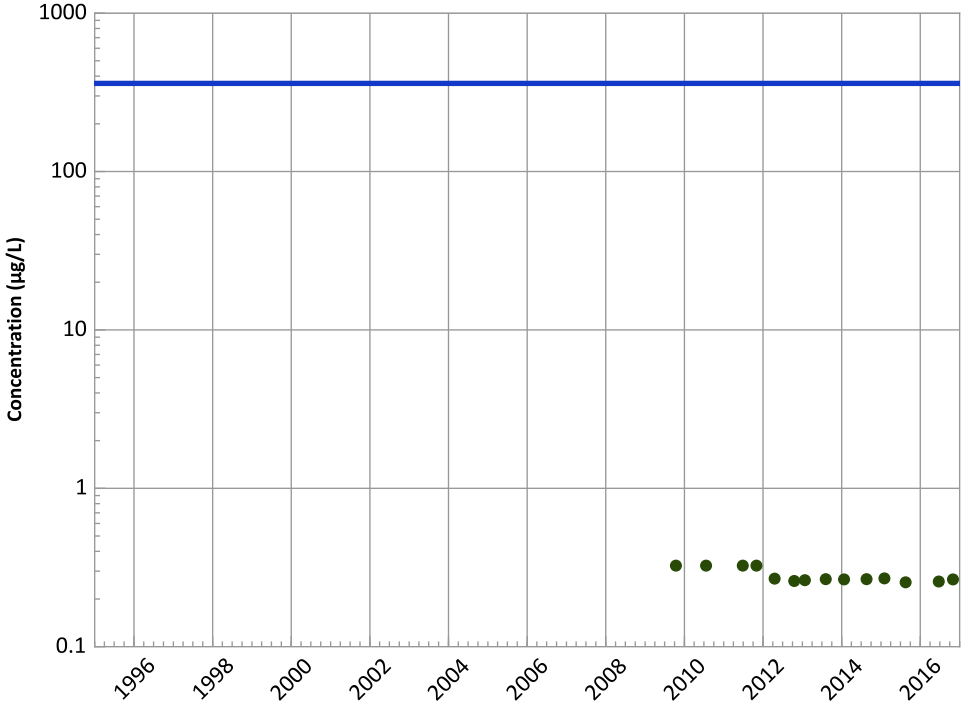


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

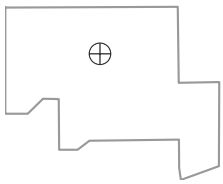
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

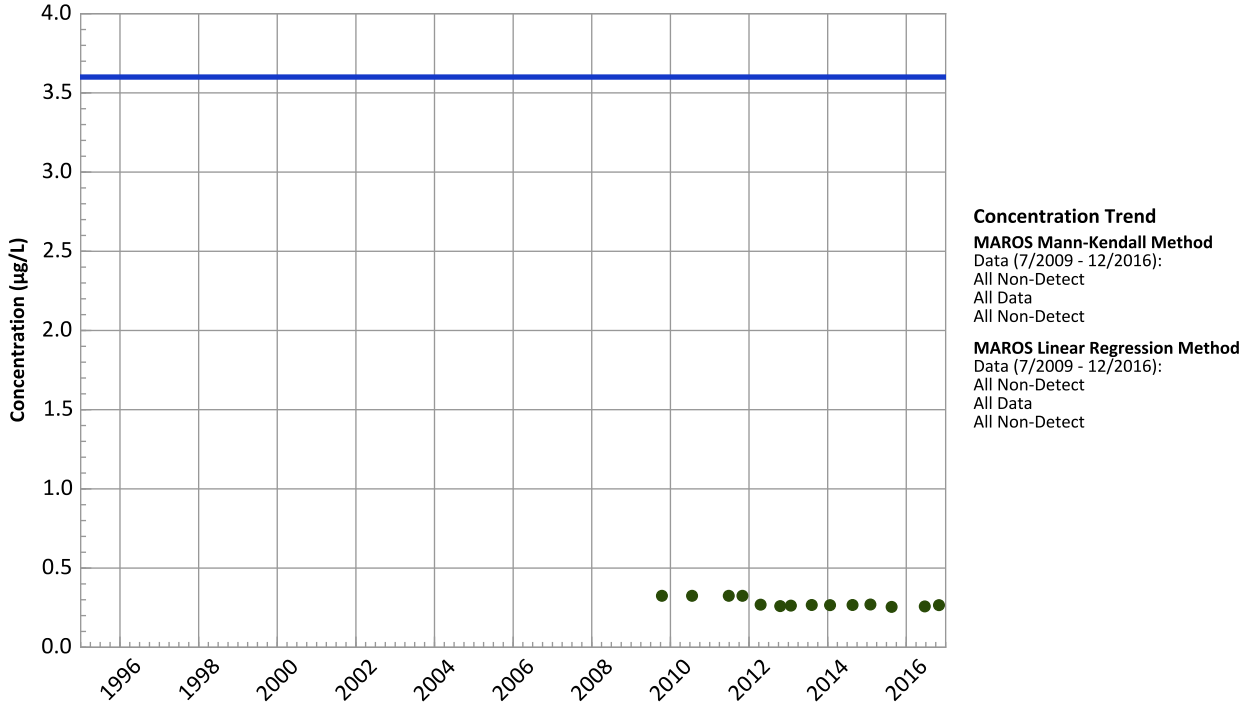
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

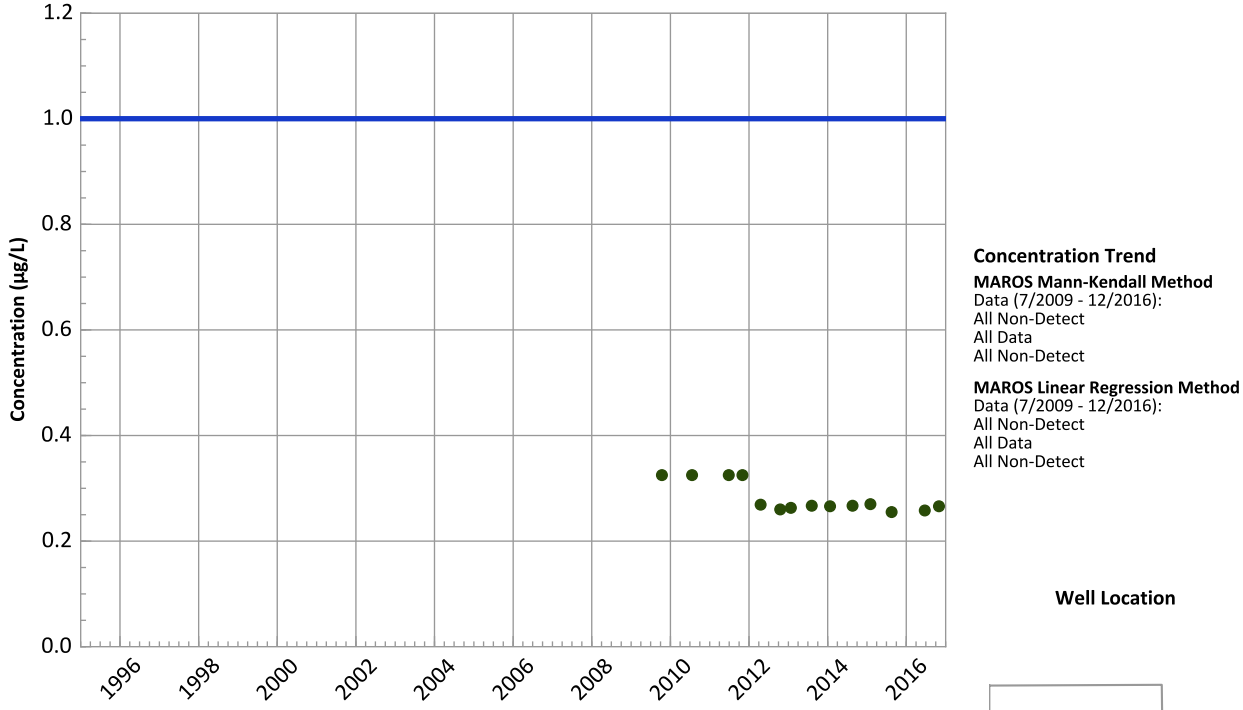


PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



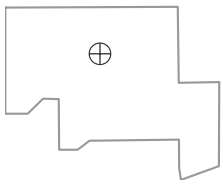
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

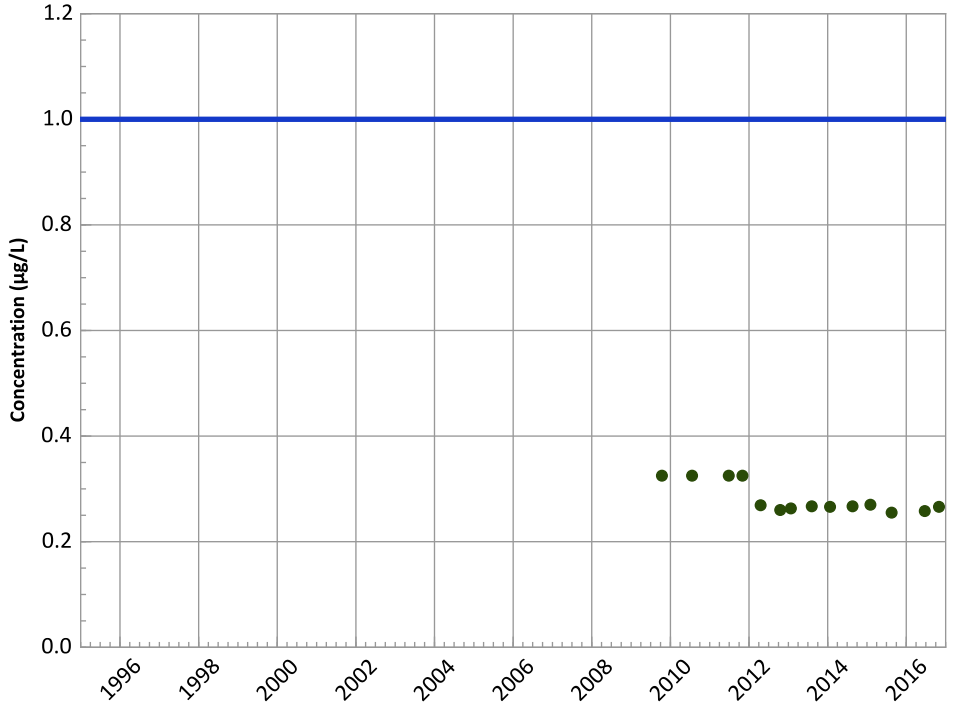
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

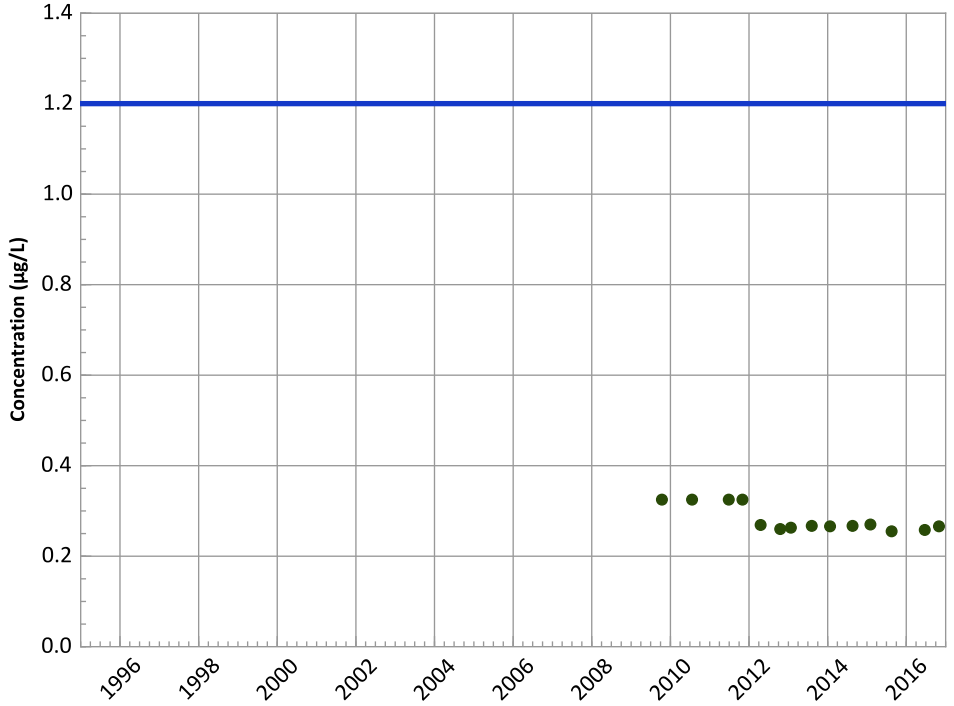


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

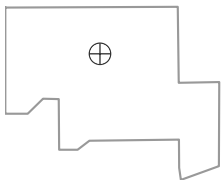
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

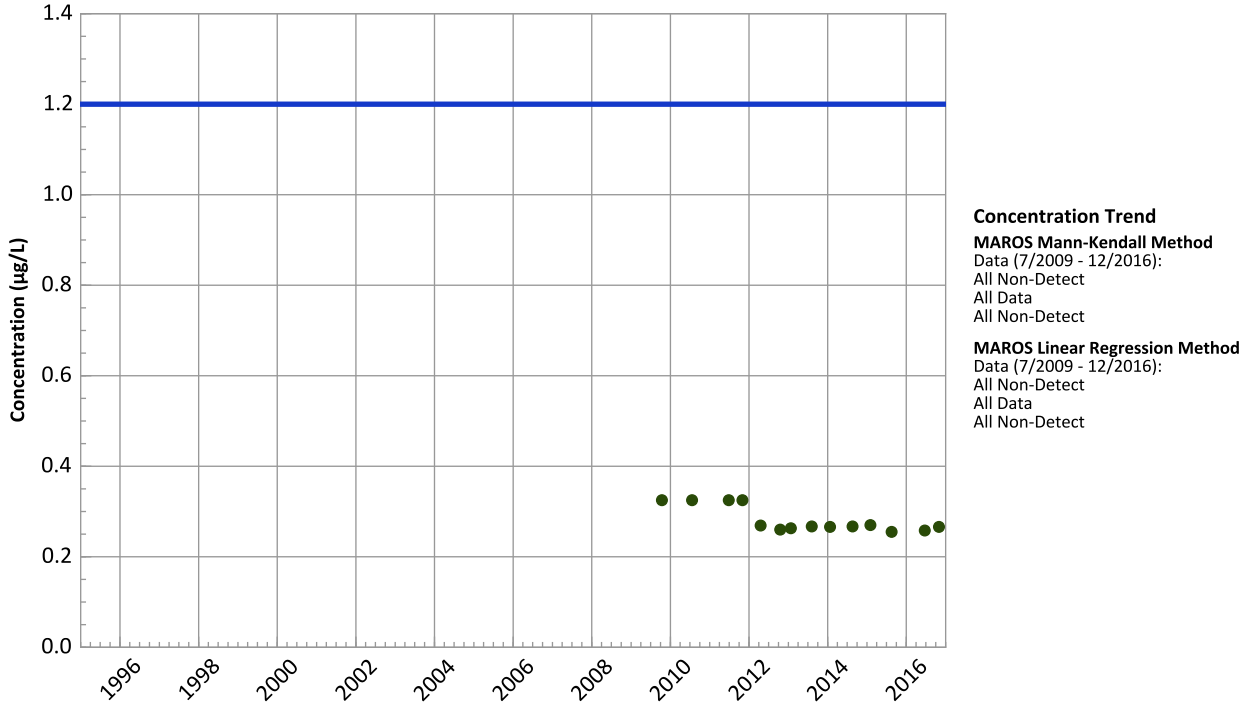
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

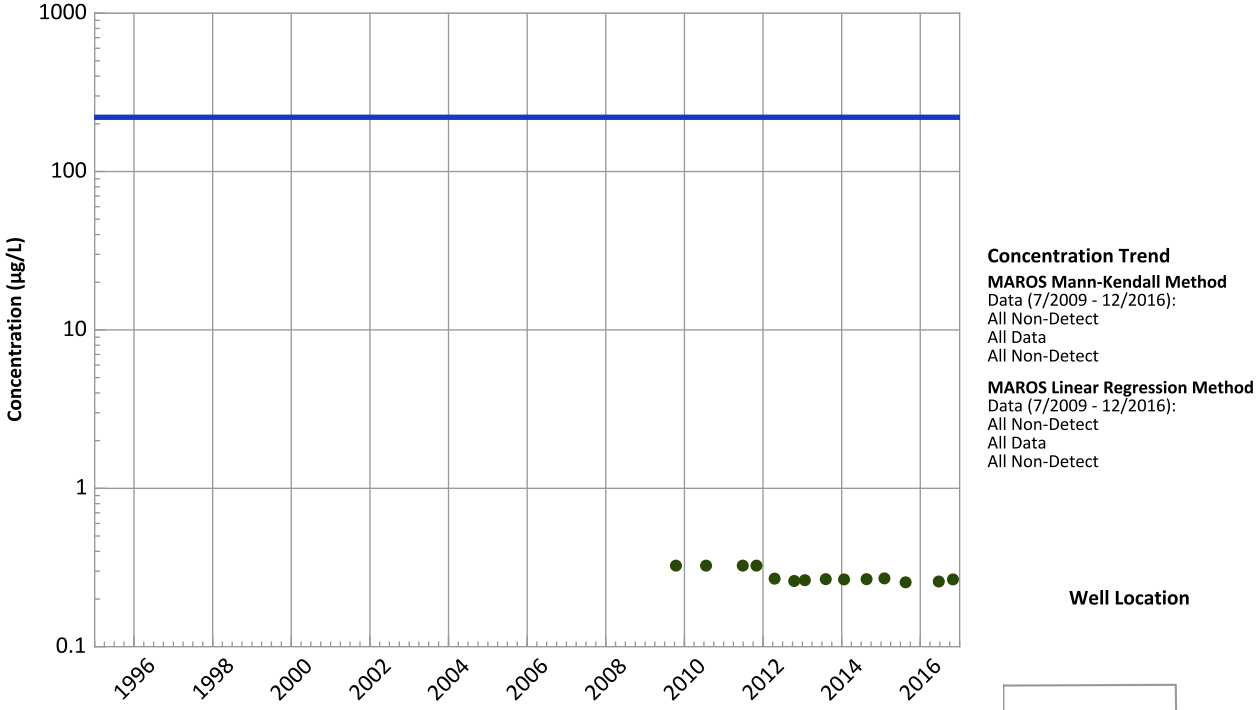


PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



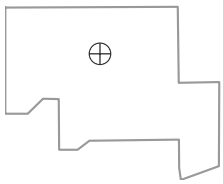
1,3,5-Trinitrobenzene Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

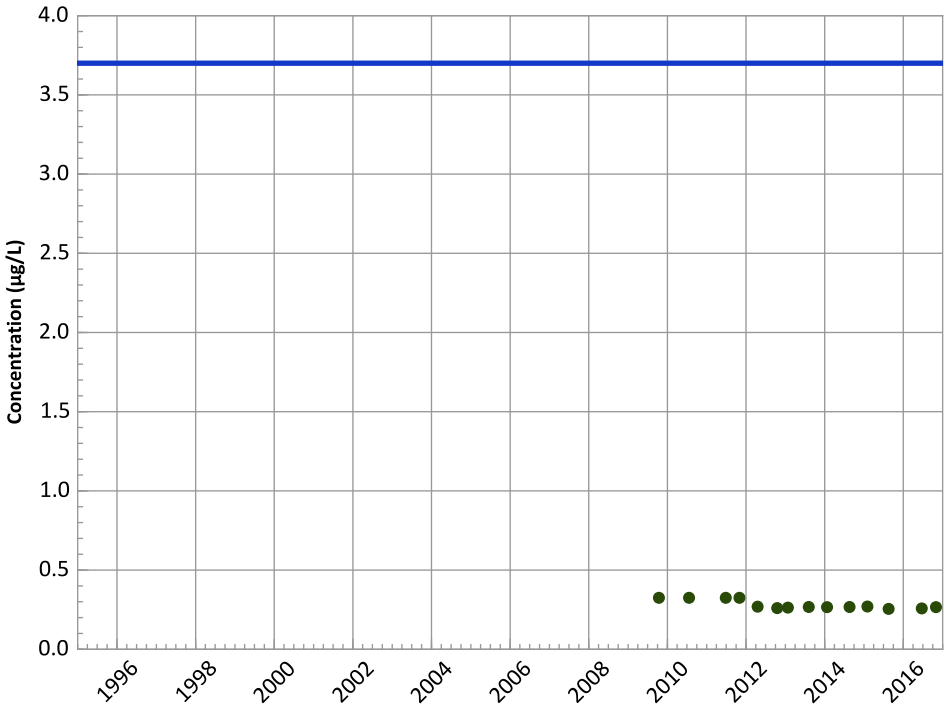
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

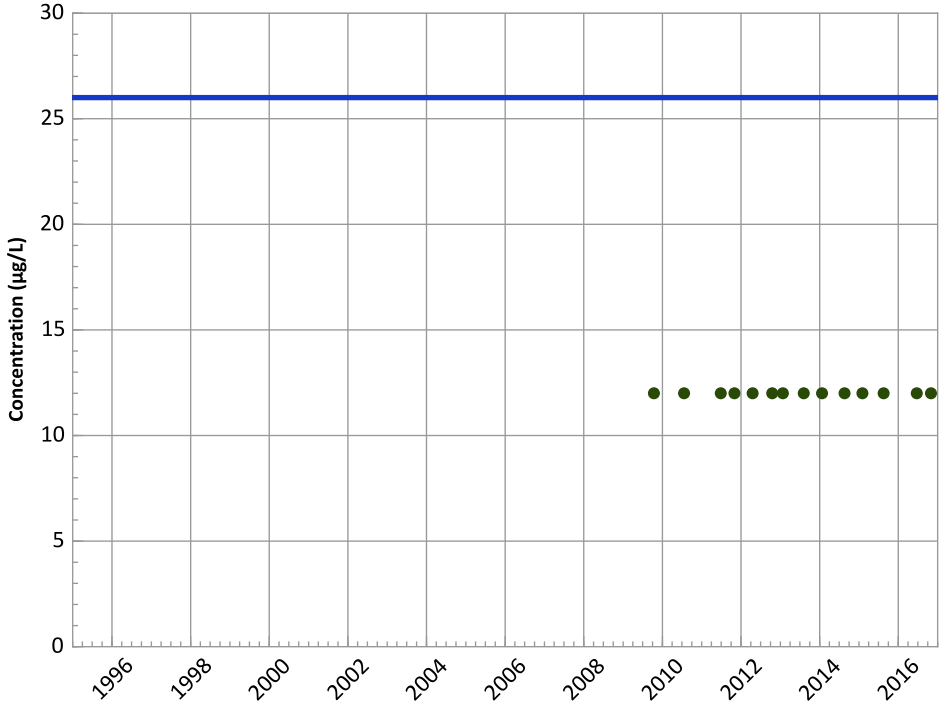


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

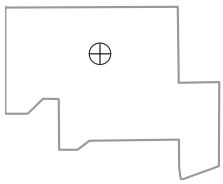
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

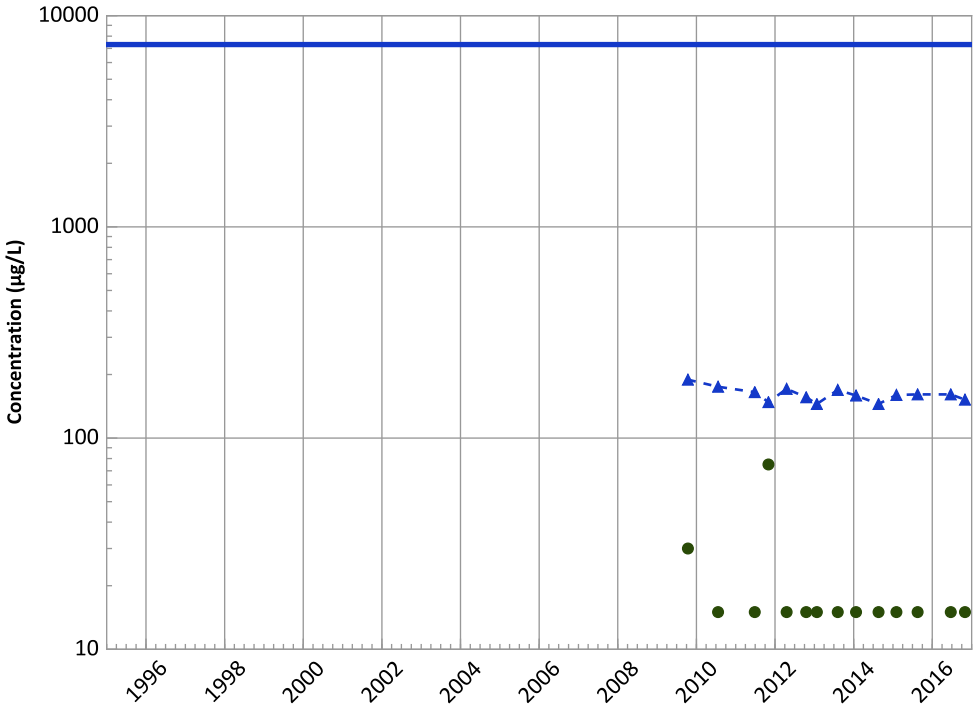
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

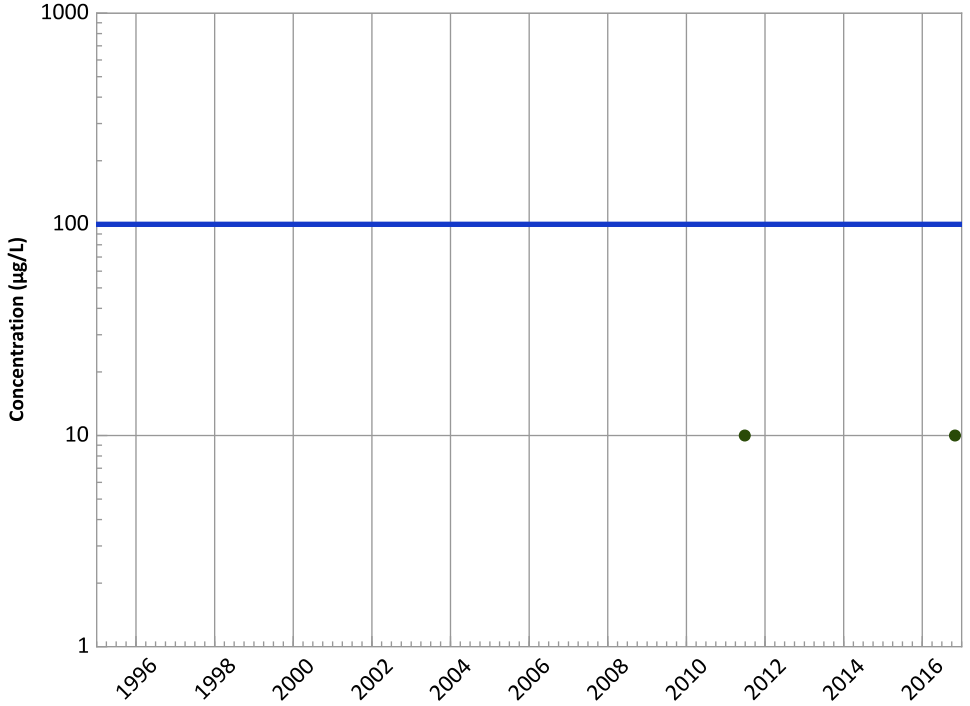


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Chromium, Total Trend



Concentration Trend

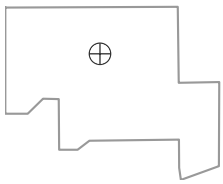
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

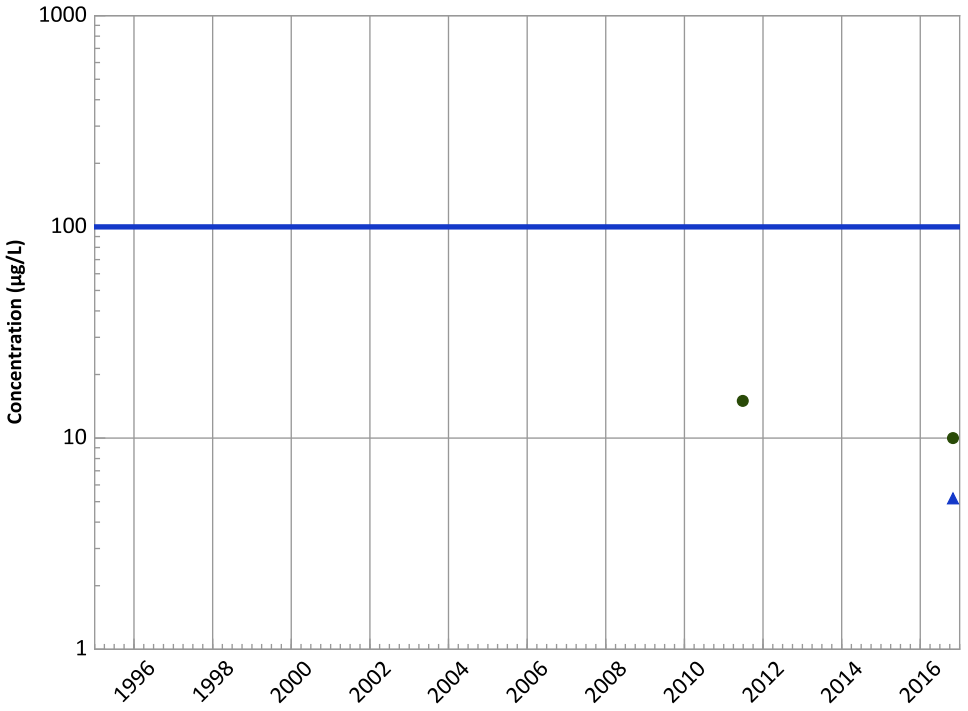
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

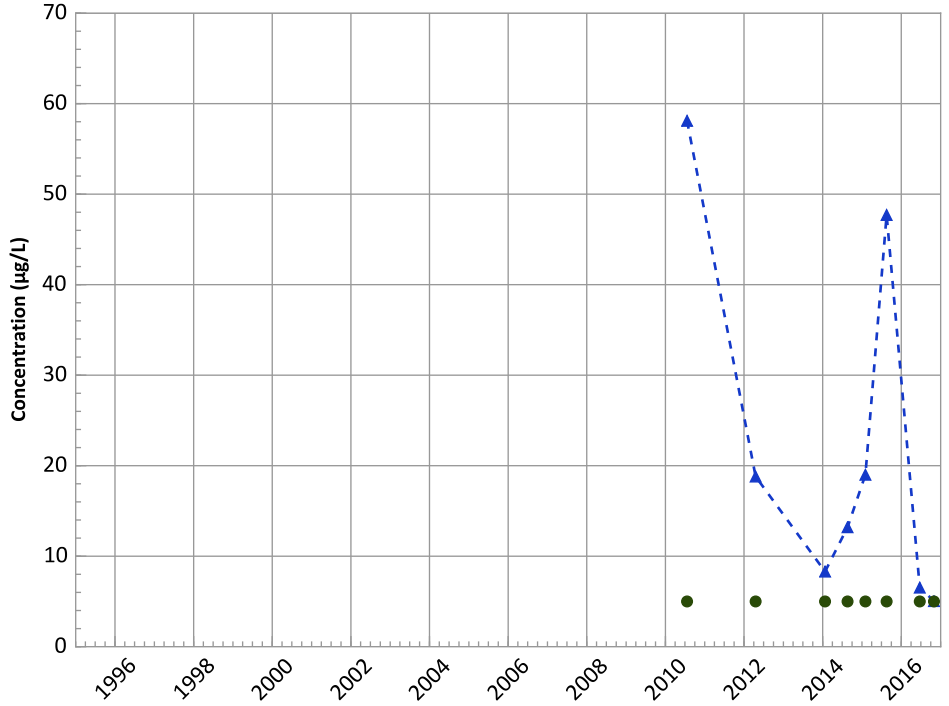


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend

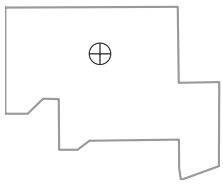


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Well Location

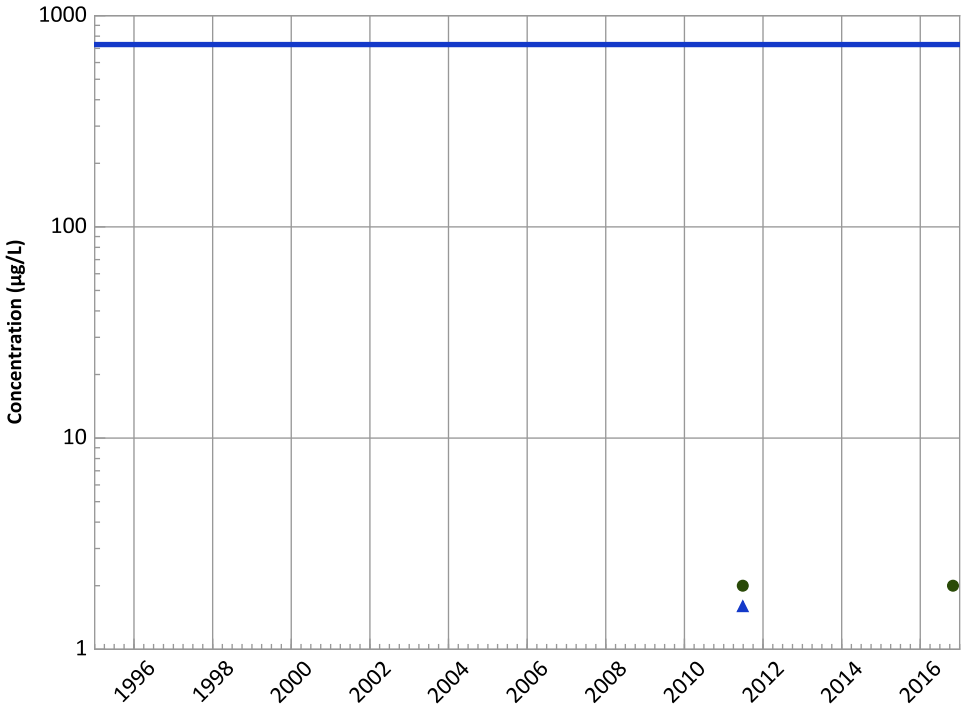


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

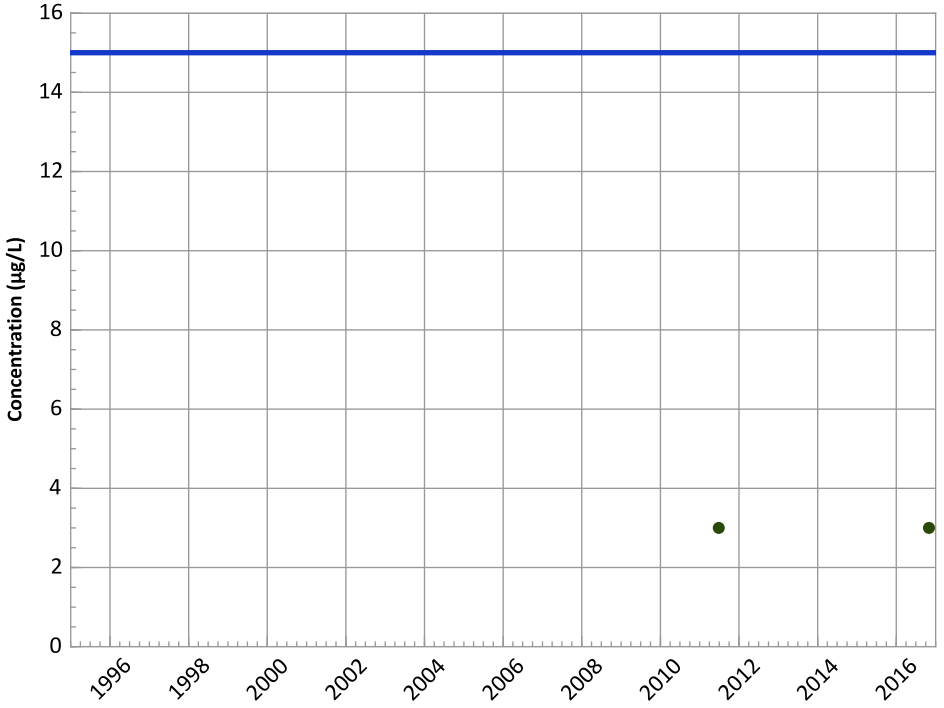


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Antimony Trend



Concentration Trend

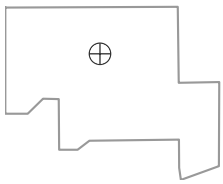
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

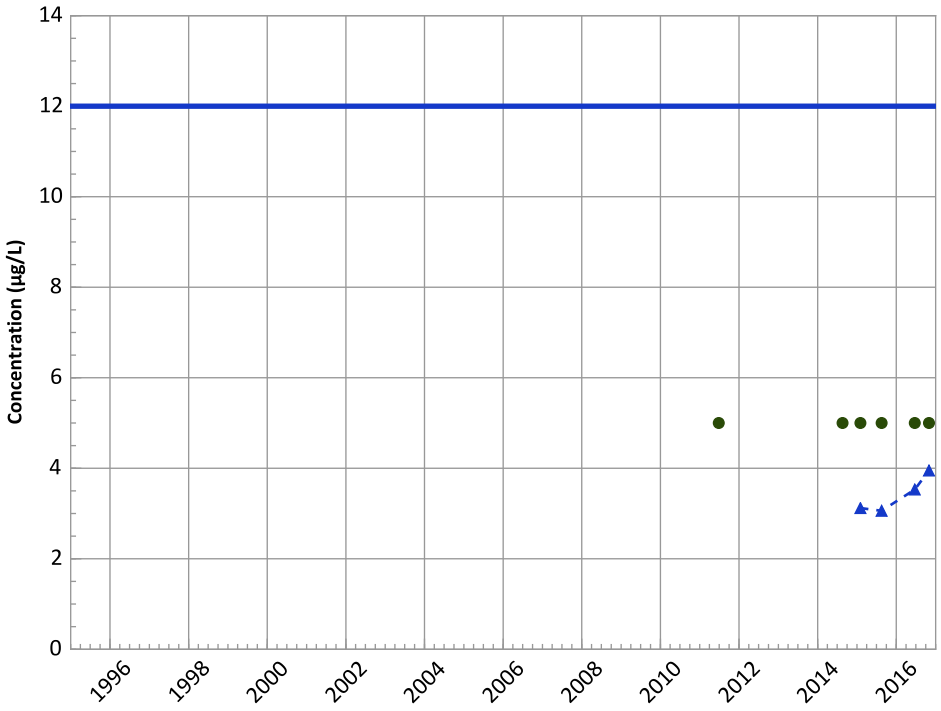
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

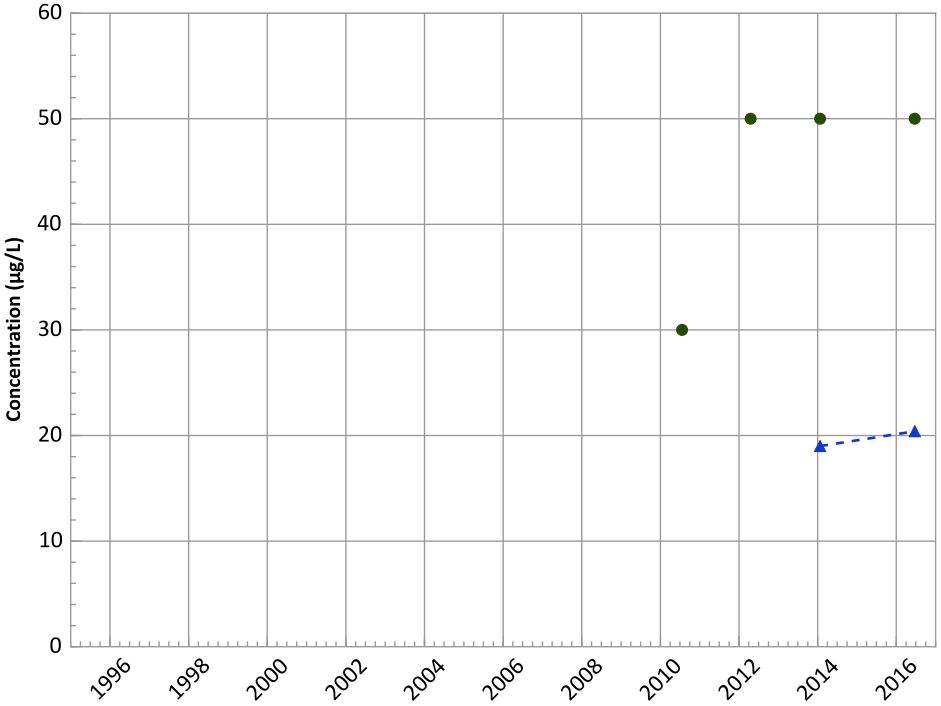


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Aluminum Trend



Concentration Trend

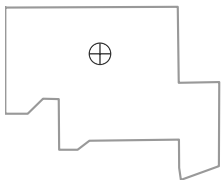
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

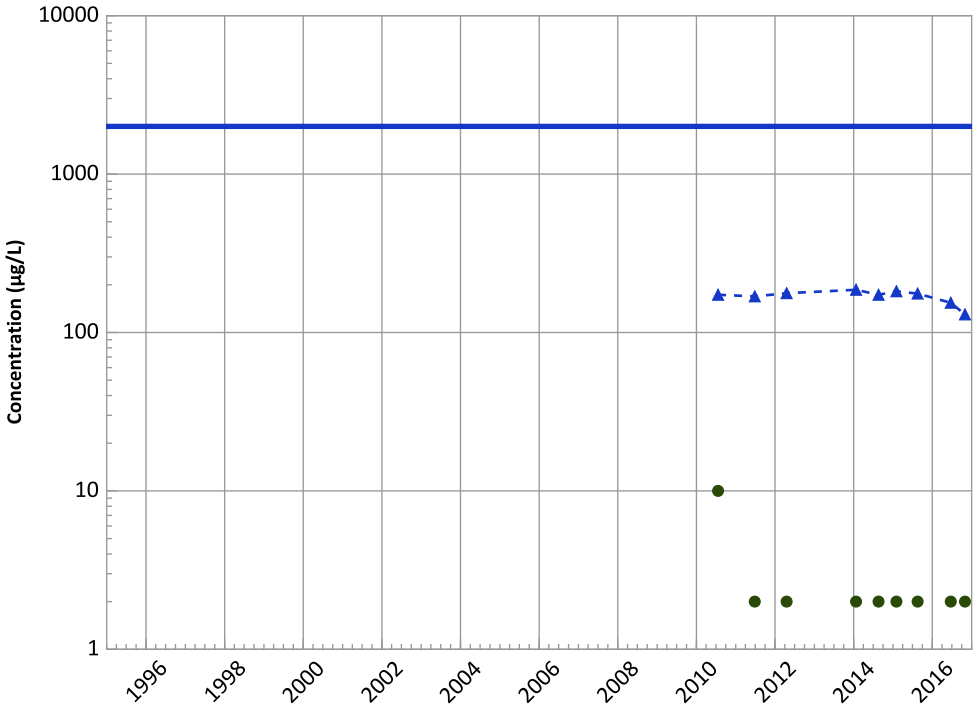
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

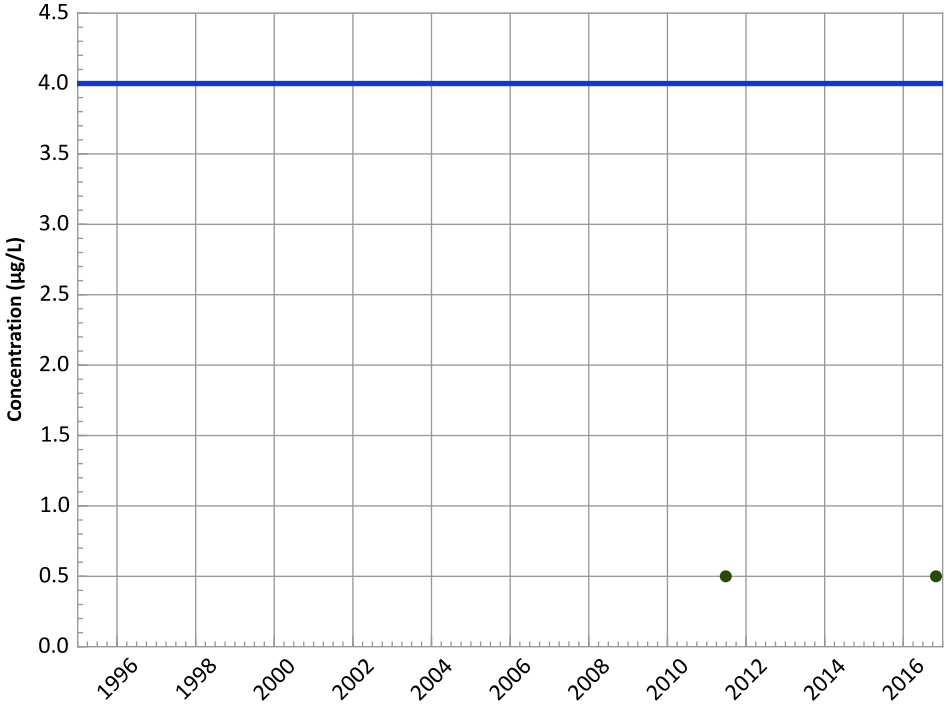


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

Beryllium Trend



Concentration Trend

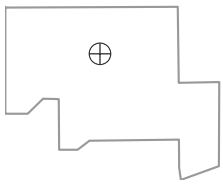
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

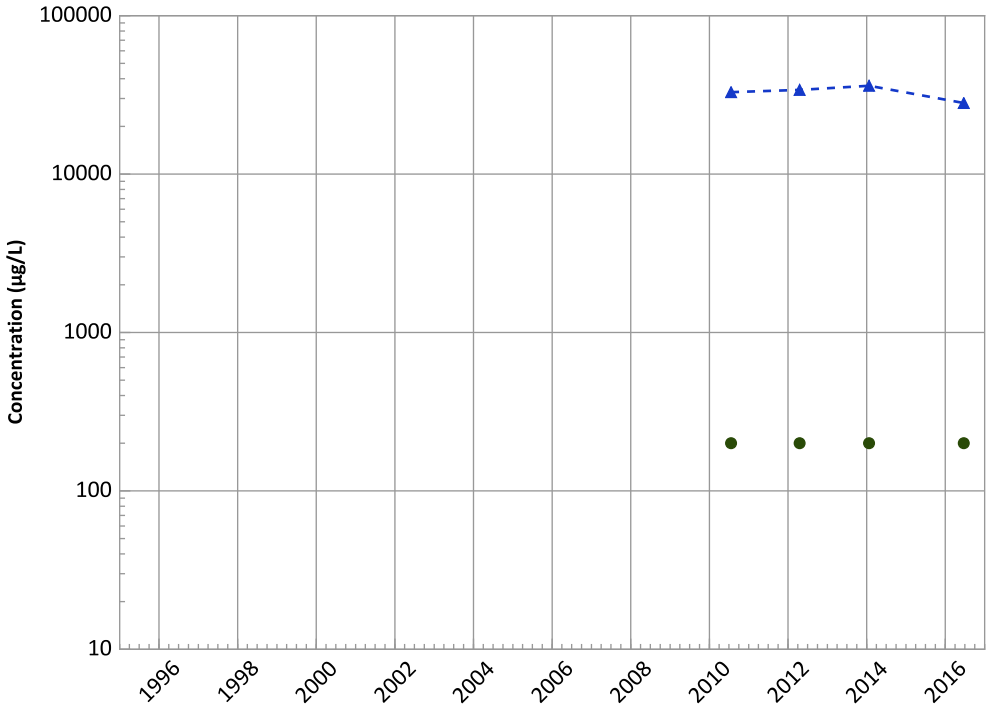
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

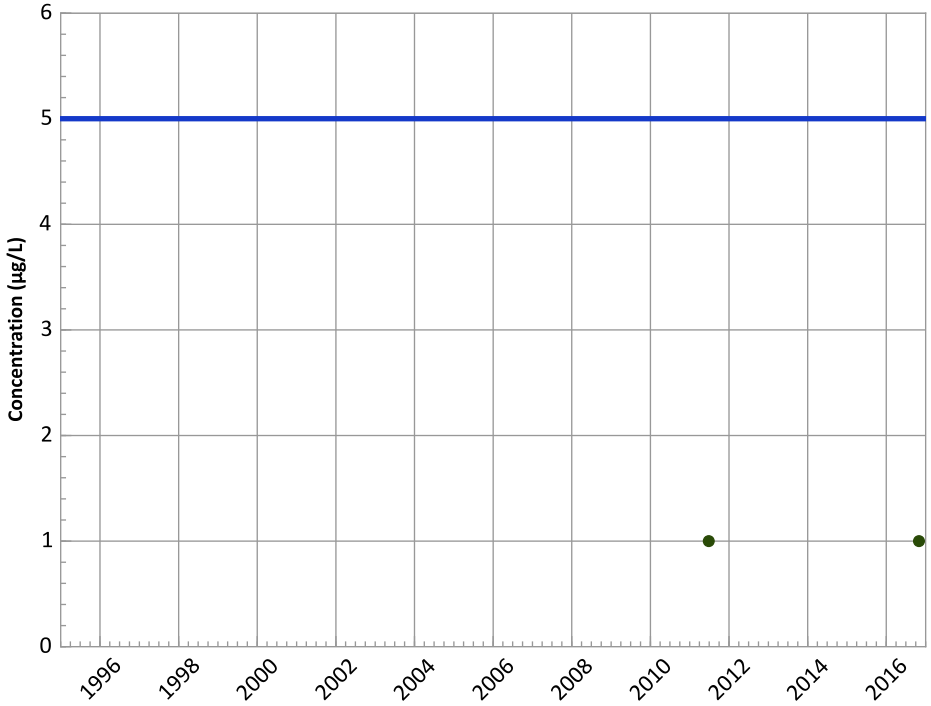


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Cadmium Trend



Concentration Trend

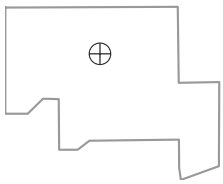
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

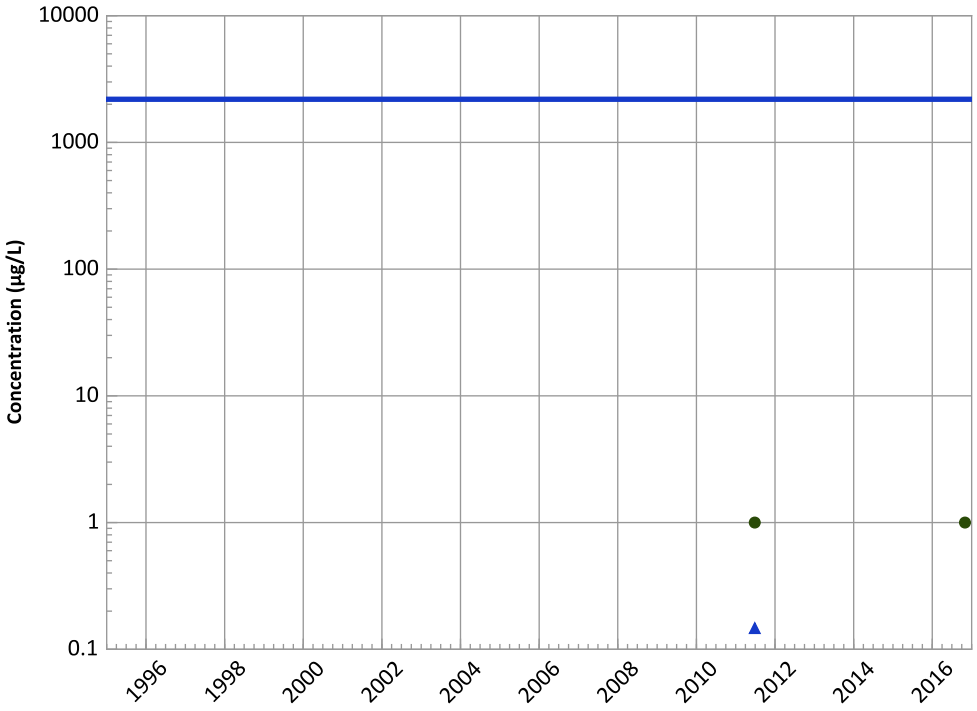
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Cobalt Trend

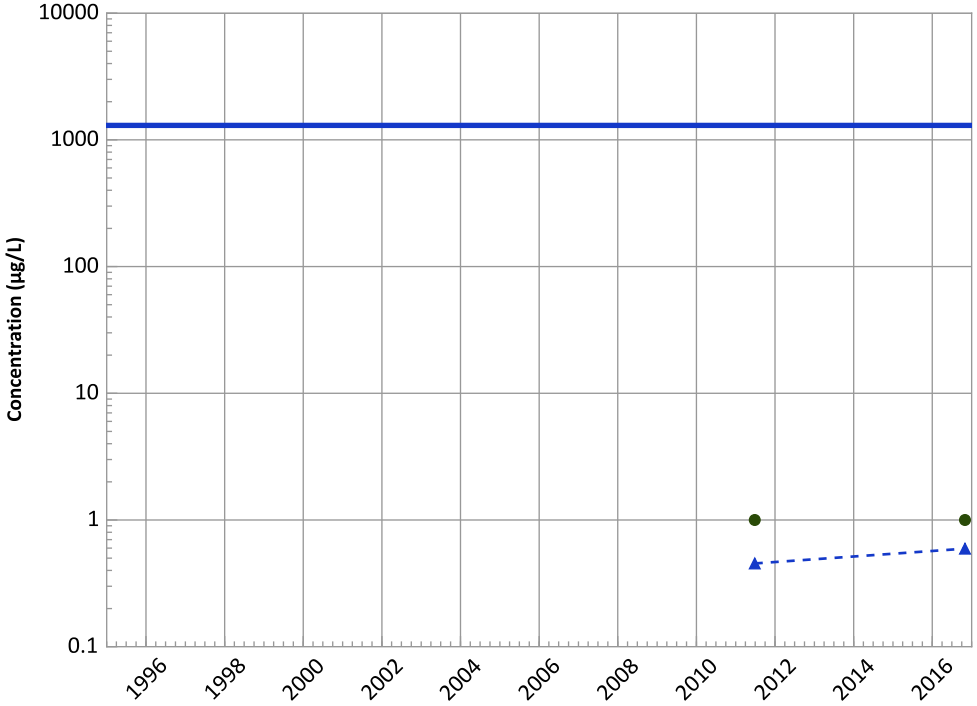


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Copper Trend



Concentration Trend

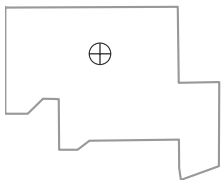
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

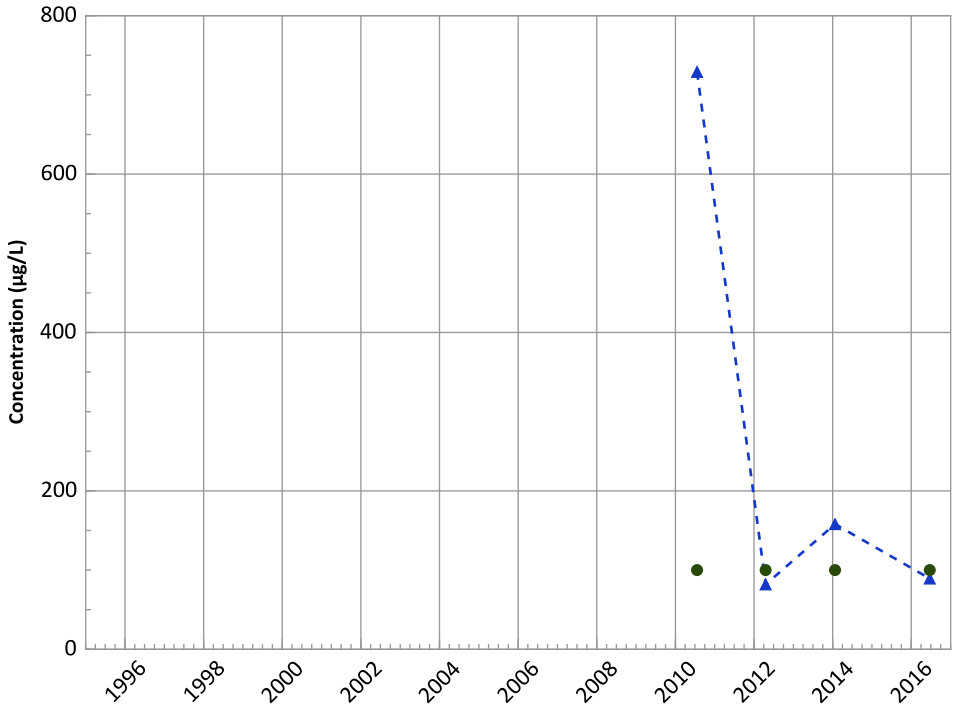
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

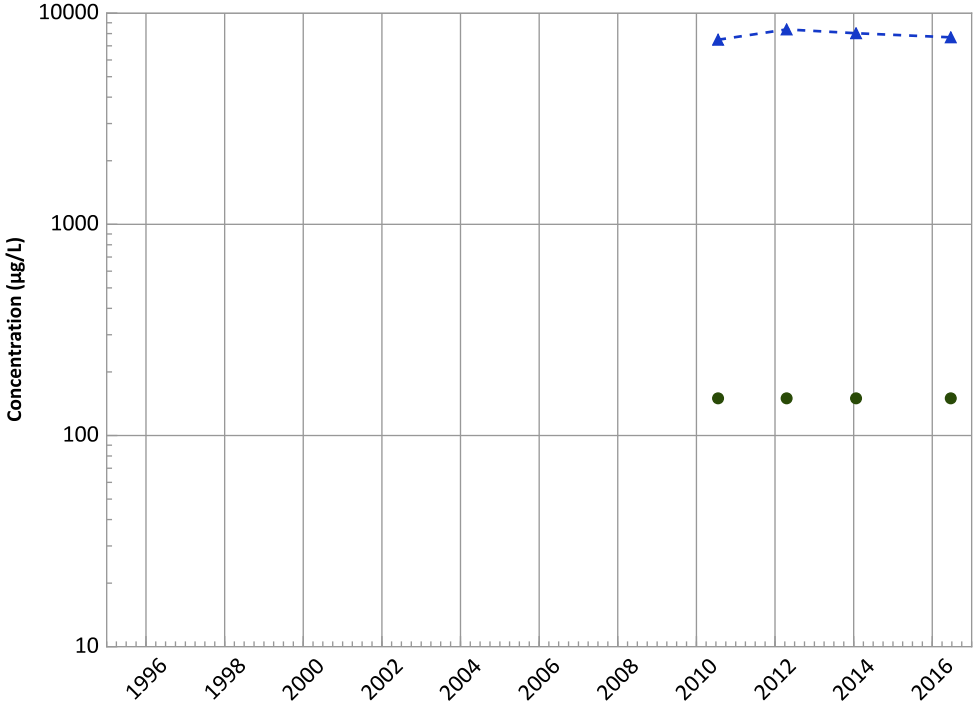


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Potassium Trend



Concentration Trend

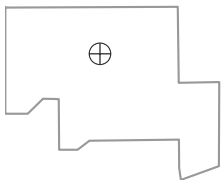
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

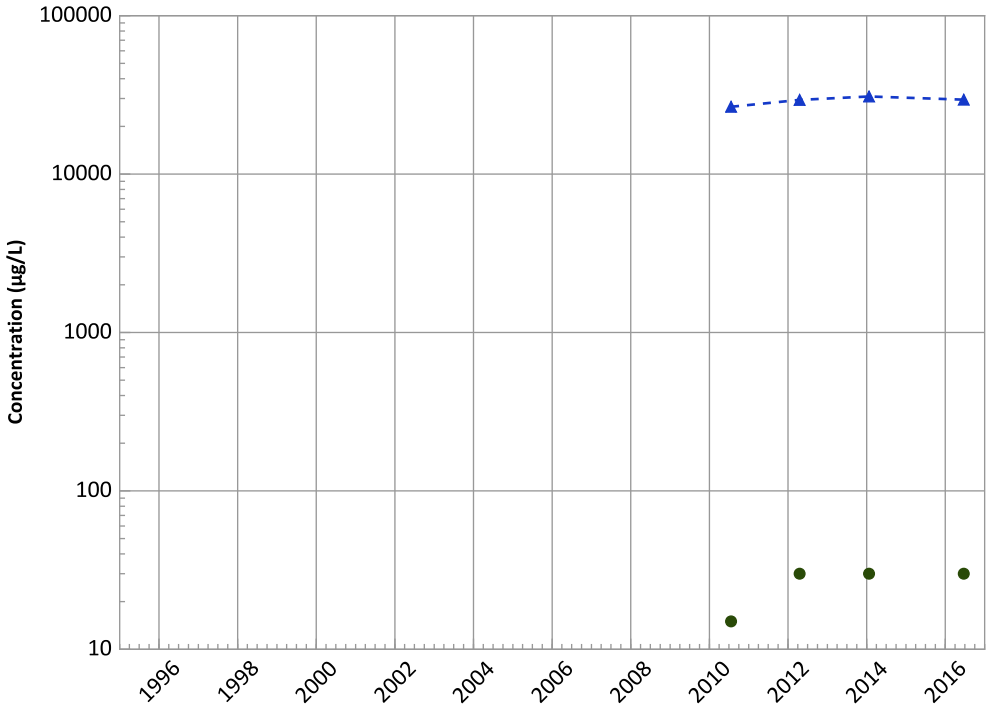
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

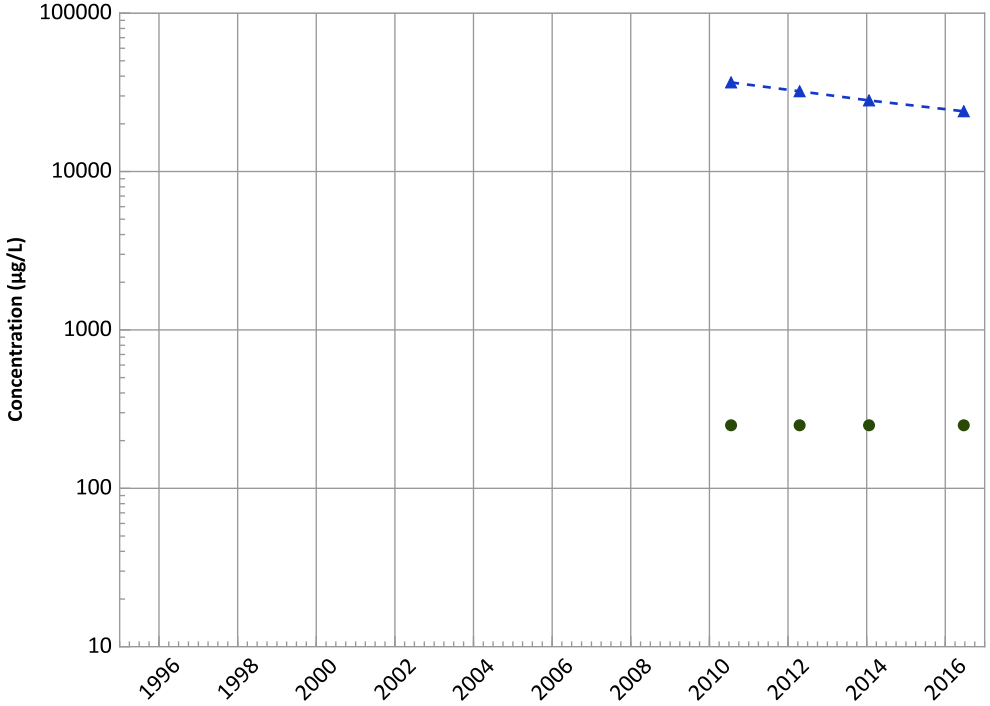


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Sodium Trend



Concentration Trend

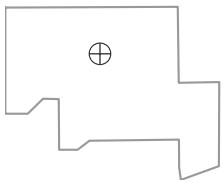
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

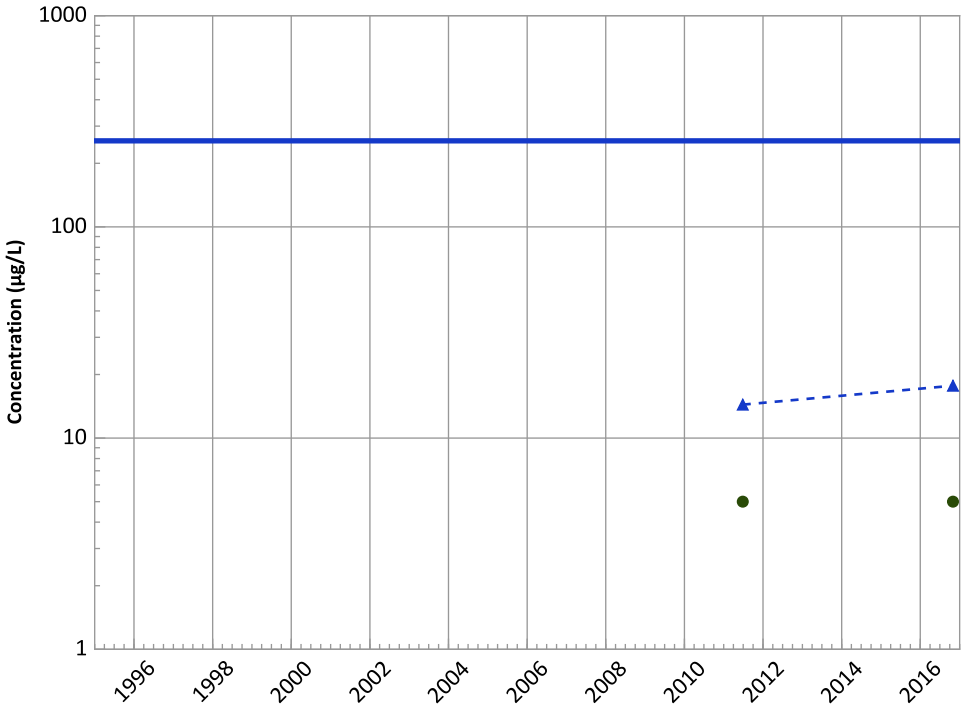
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

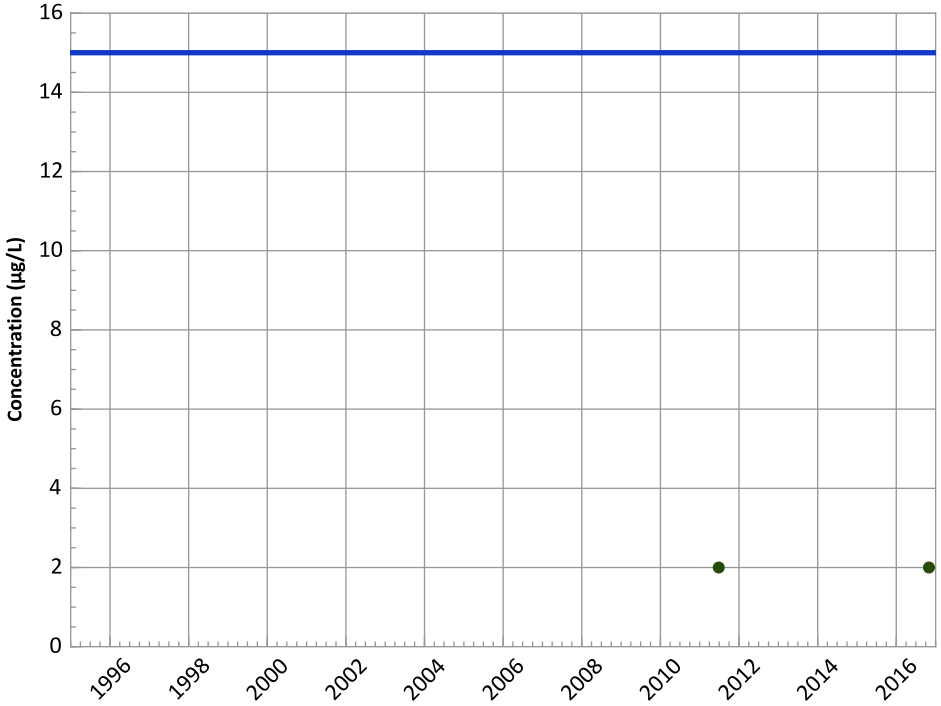


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Lead Trend



Concentration Trend

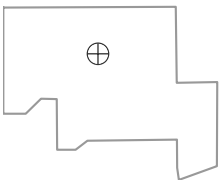
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

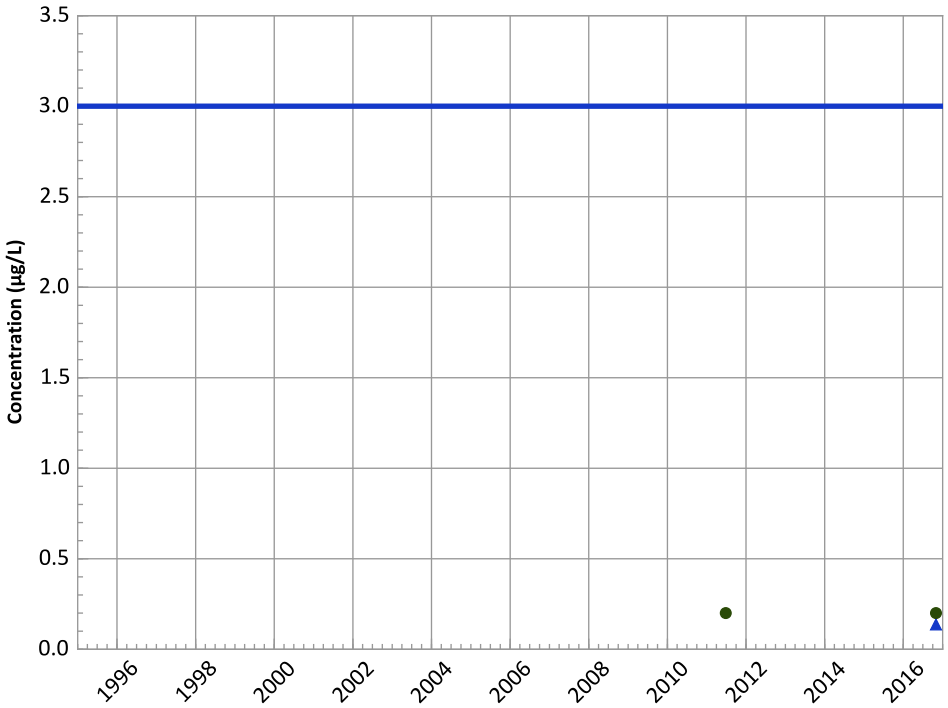
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Mercury Trend

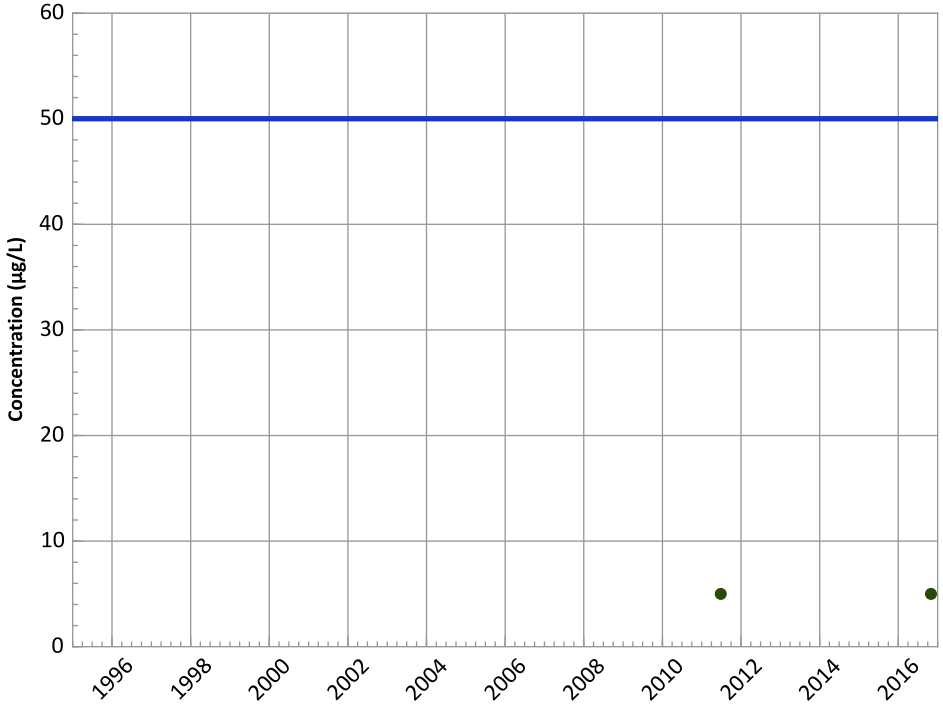


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Selenium Trend



Concentration Trend

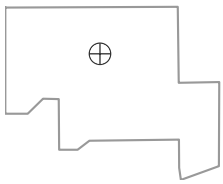
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

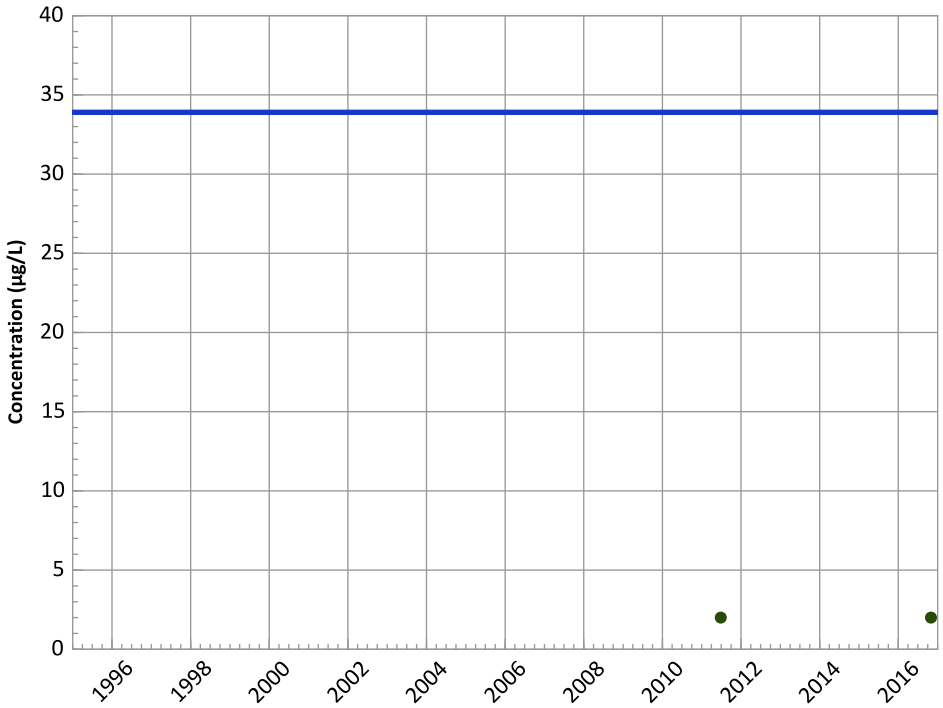
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Thallium Trend

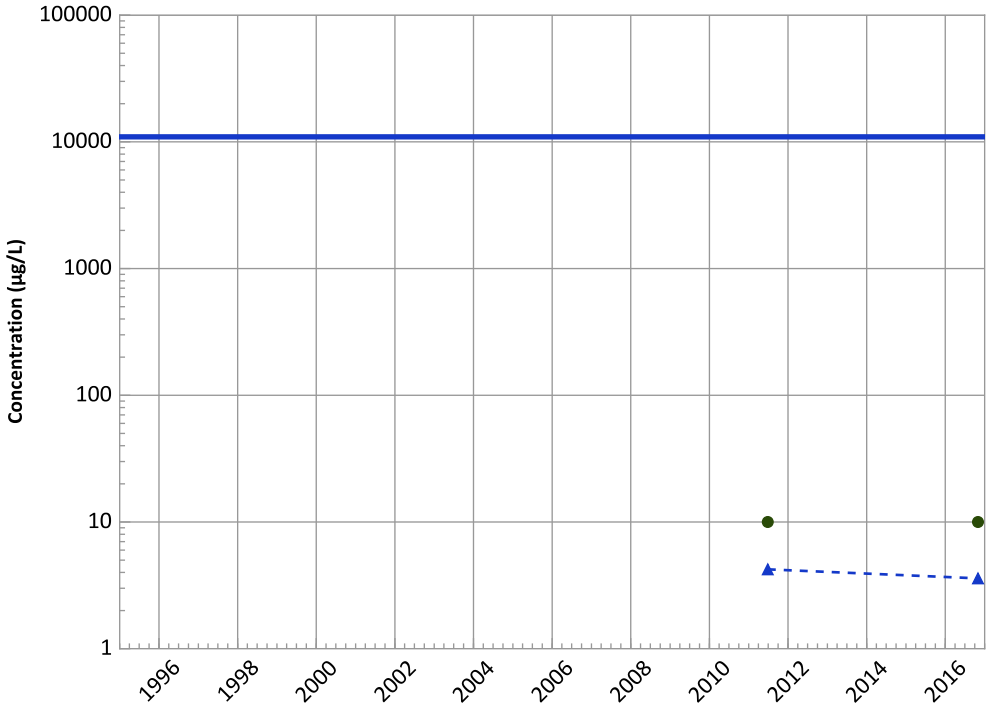


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Zinc Trend



Concentration Trend

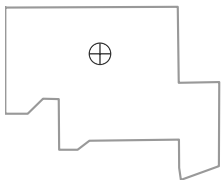
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

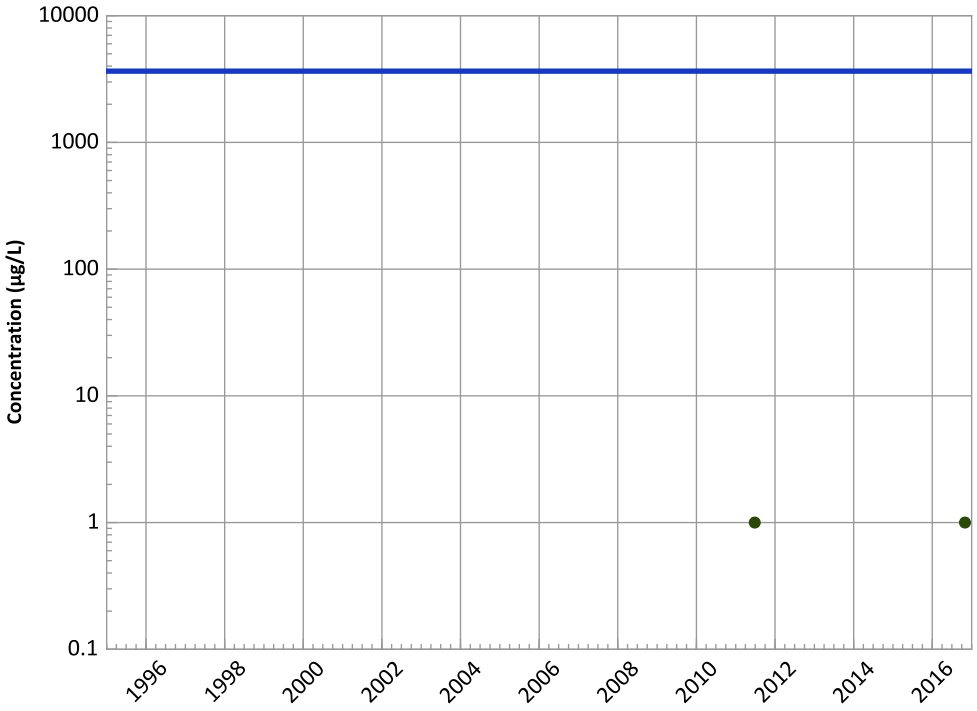
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1-Dichloroethane Trend

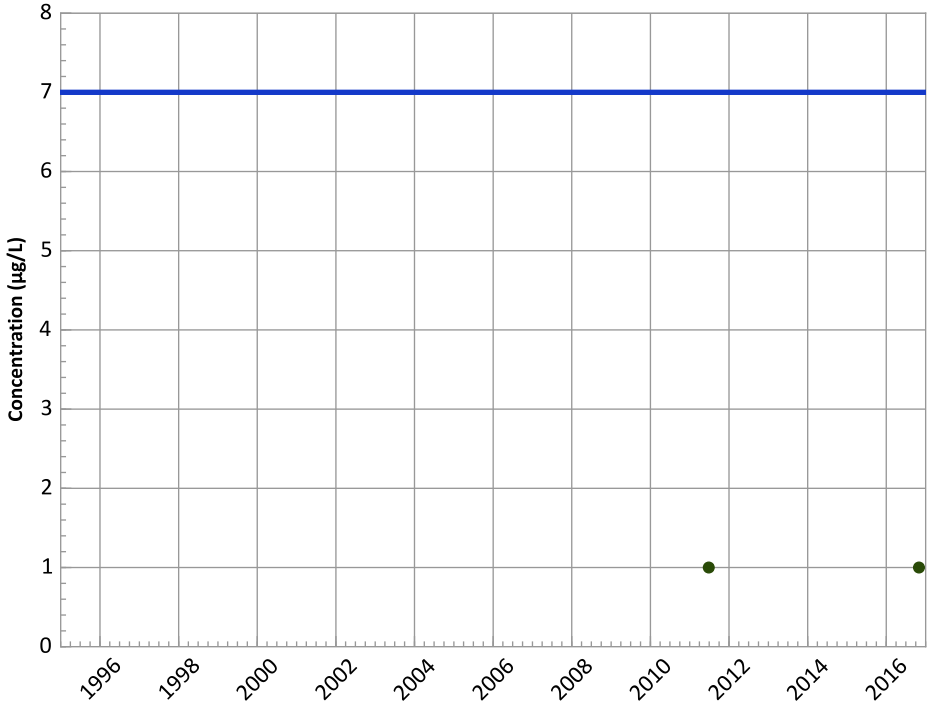


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1-Dichloroethene Trend



Concentration Trend

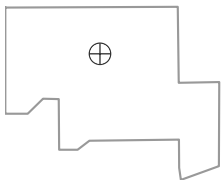
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

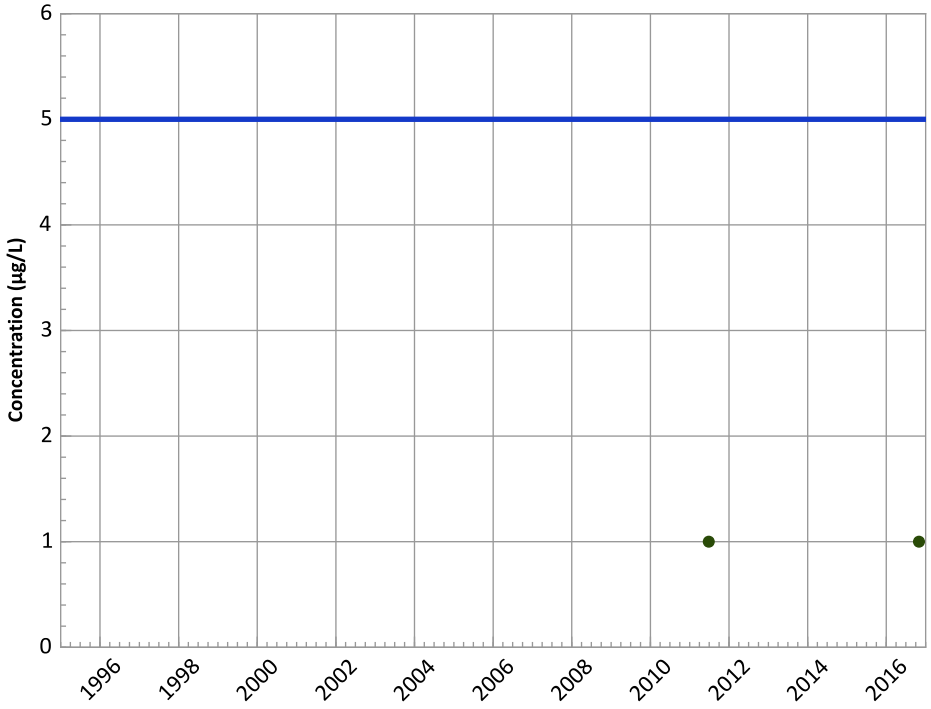
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1,2,2-Tetrachloroethane Trend

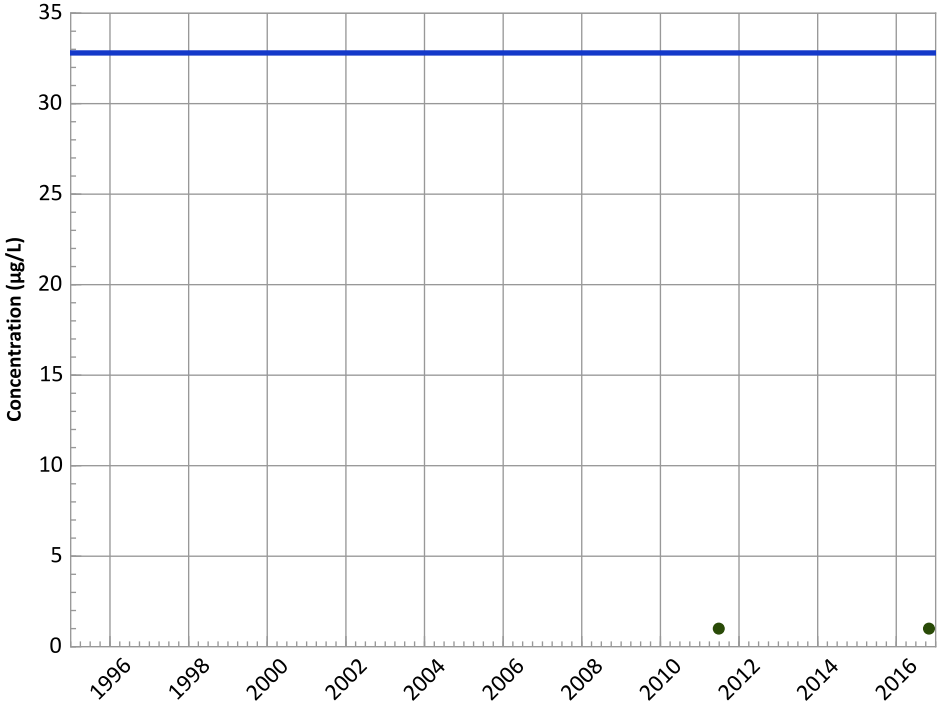


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1,1,2-Tetrachloroethane Trend

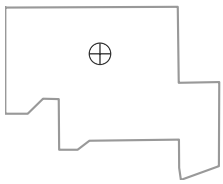


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Well Location

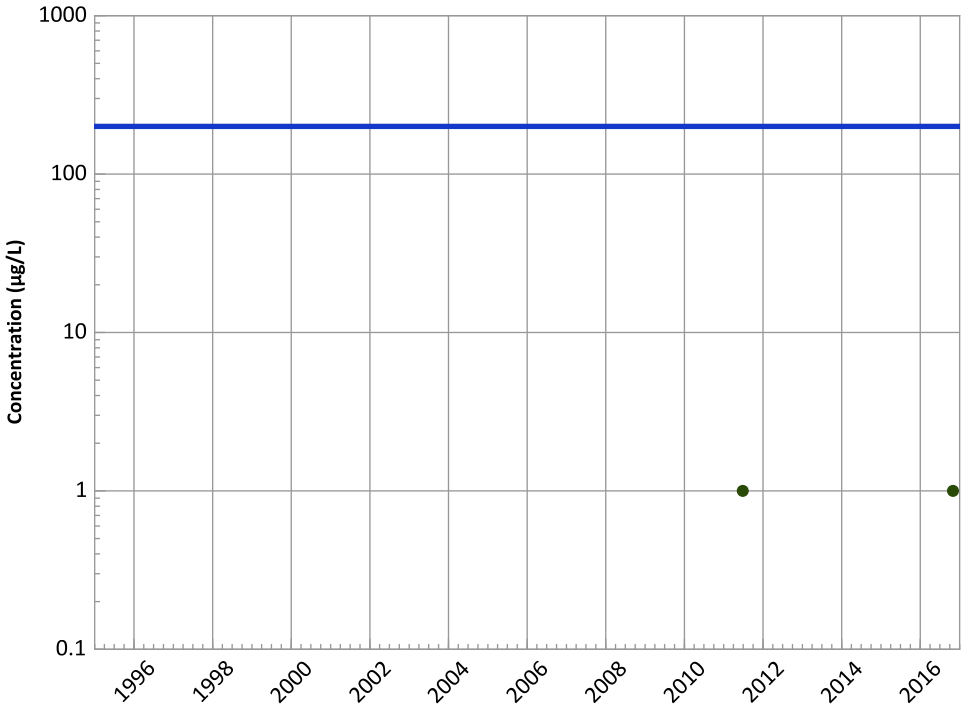


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1,1-Trichloroethane Trend

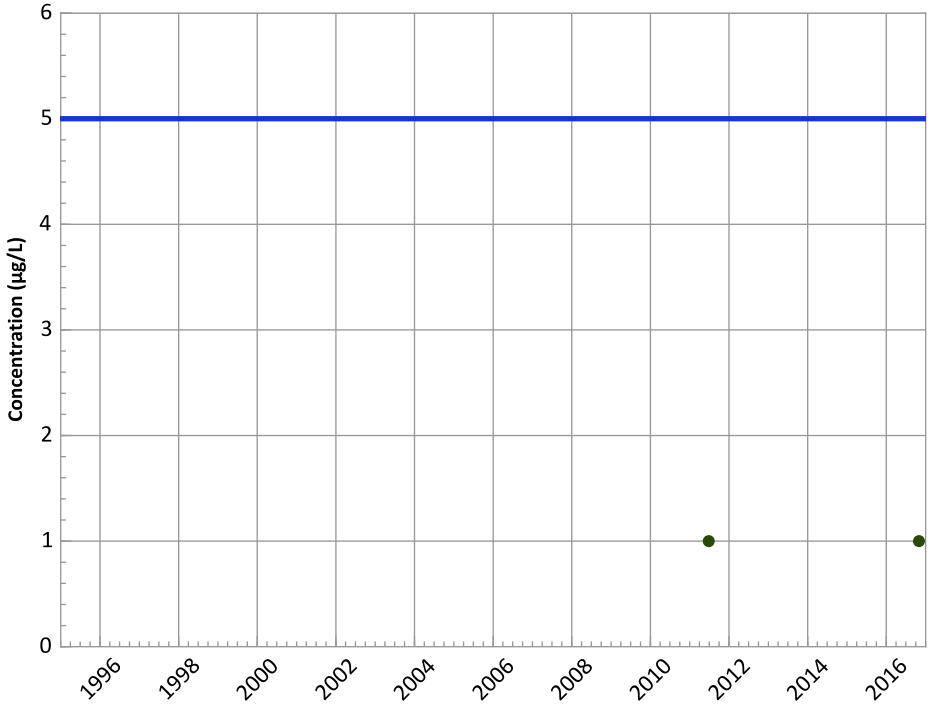


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1,2-Trichloroethane Trend



Concentration Trend

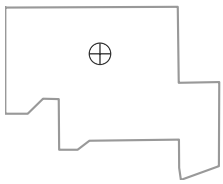
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

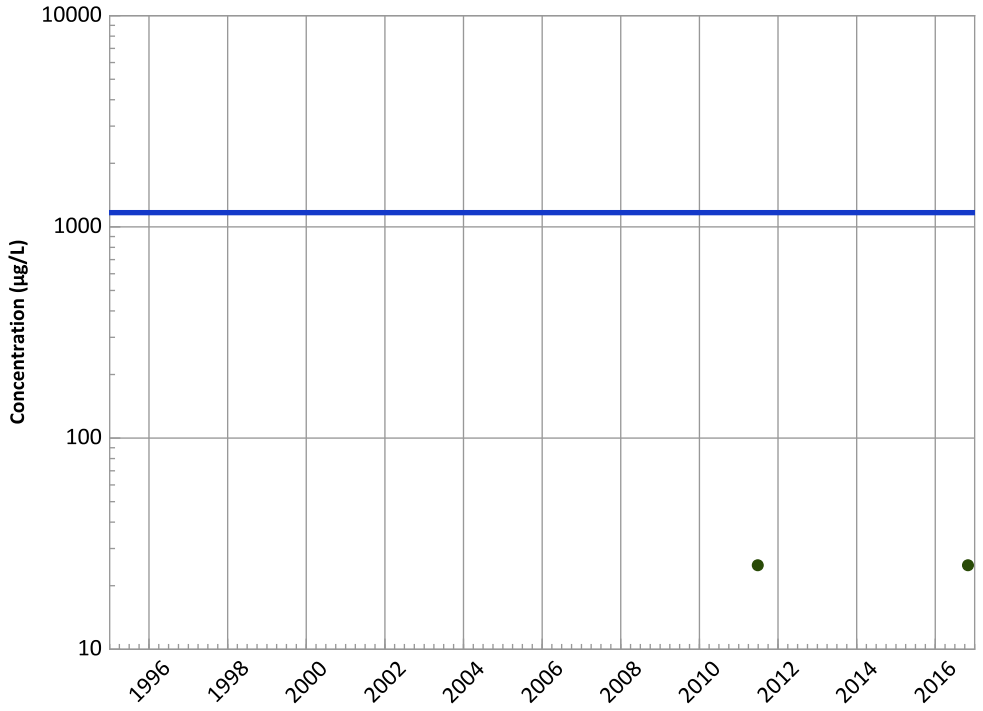
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Acetonitrile Trend

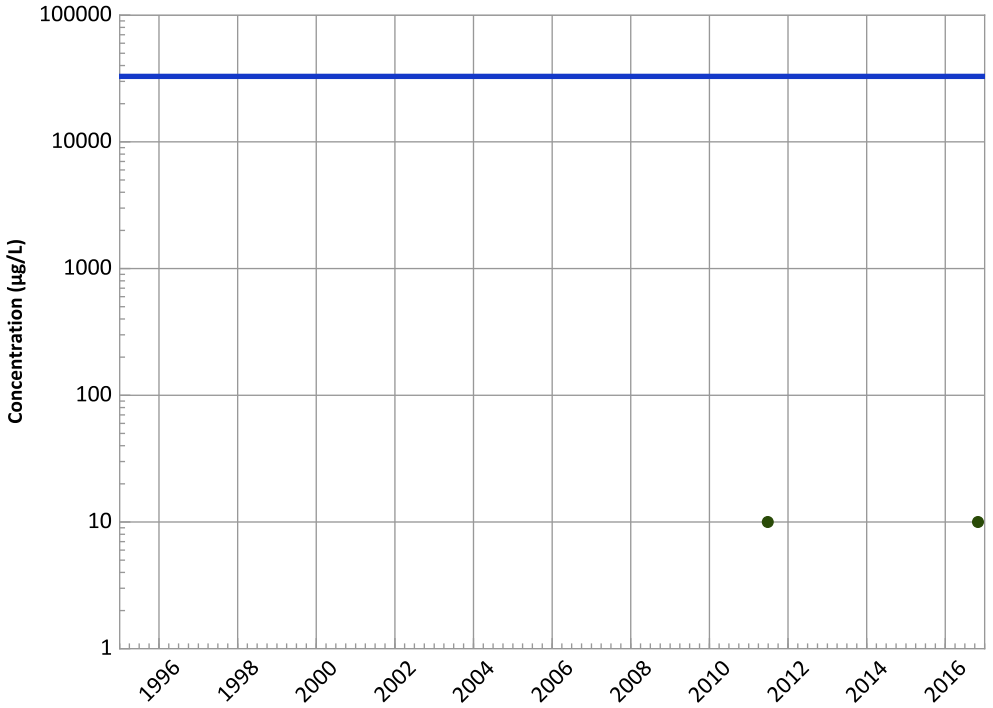


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Acetone Trend

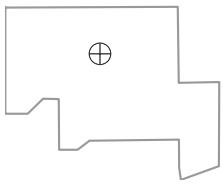


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Well Location

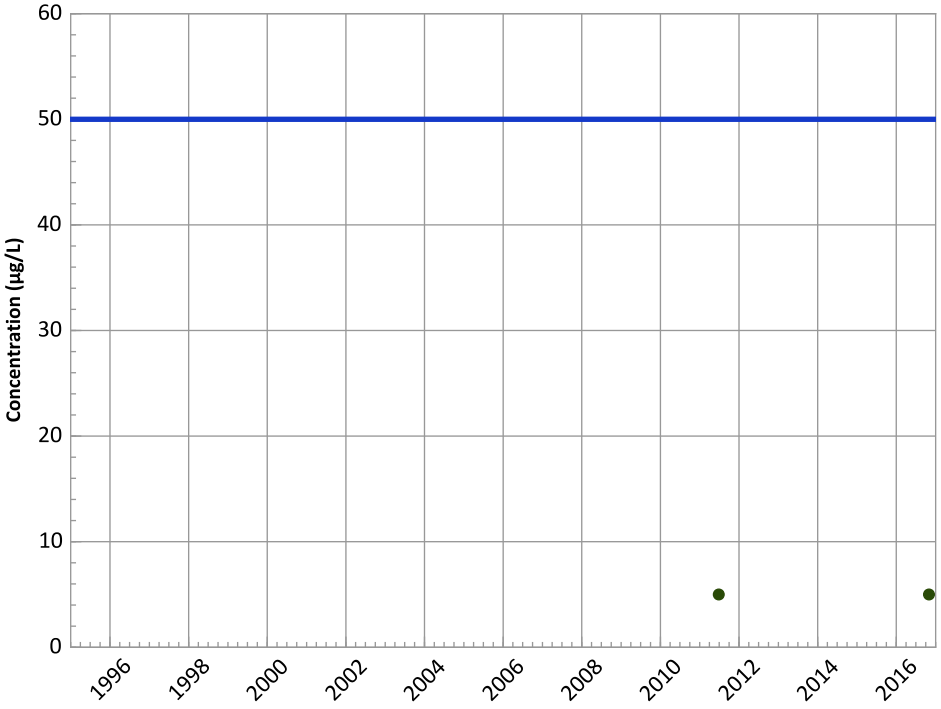


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Acrolein Trend

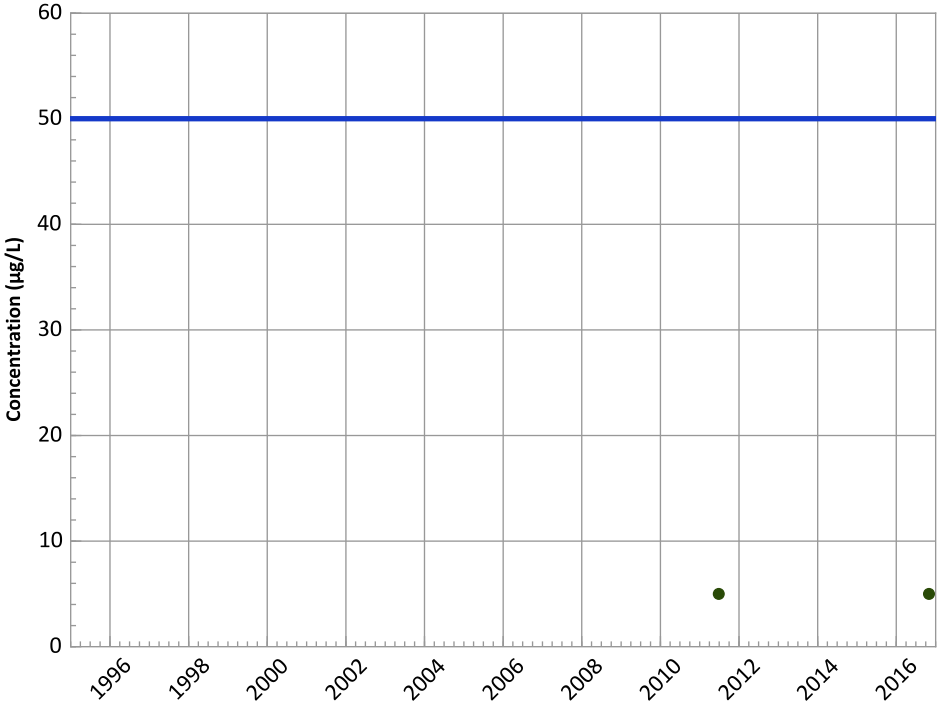


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Acrylonitrile Trend

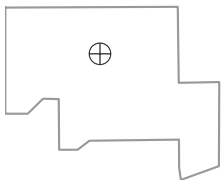


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Well Location

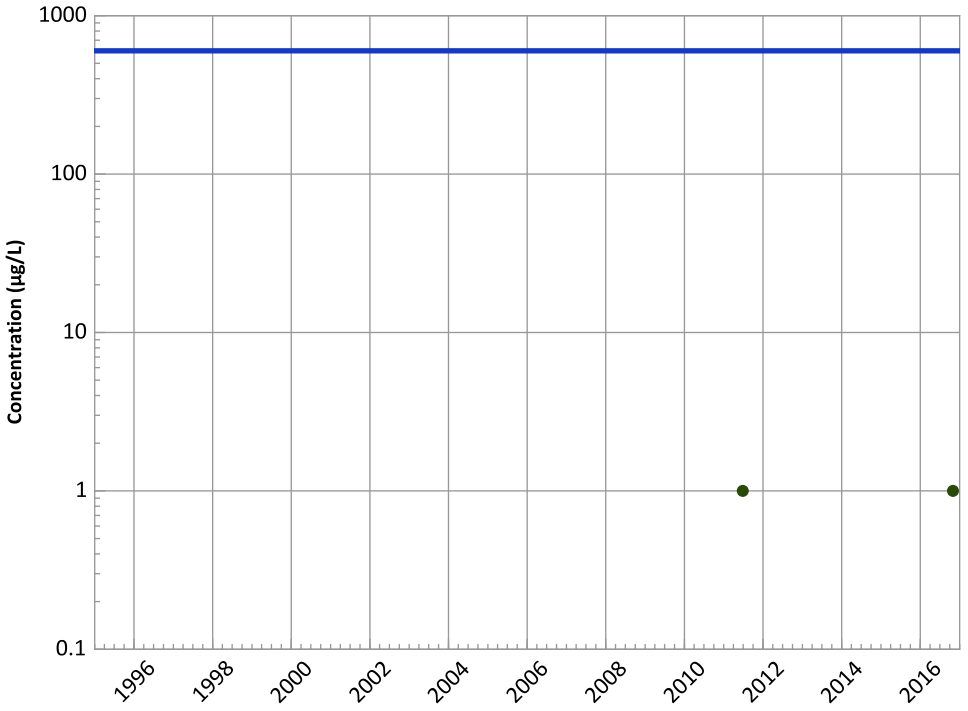


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichlorobenzene Trend

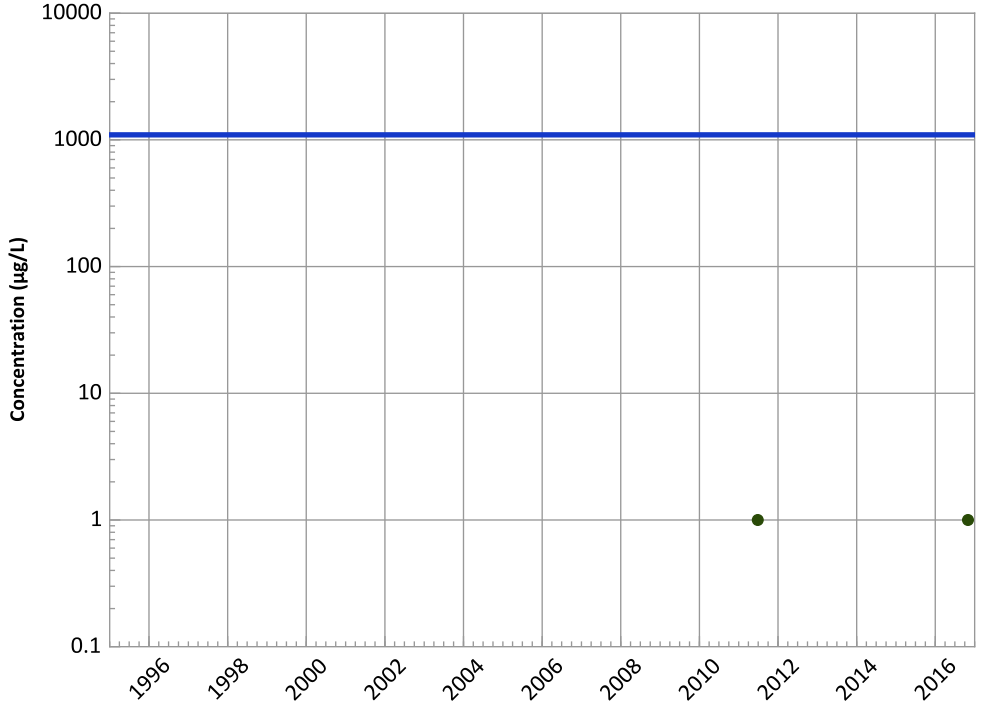


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,3-Dichlorobenzene Trend



Concentration Trend

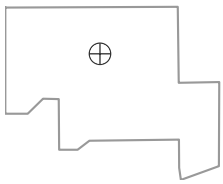
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

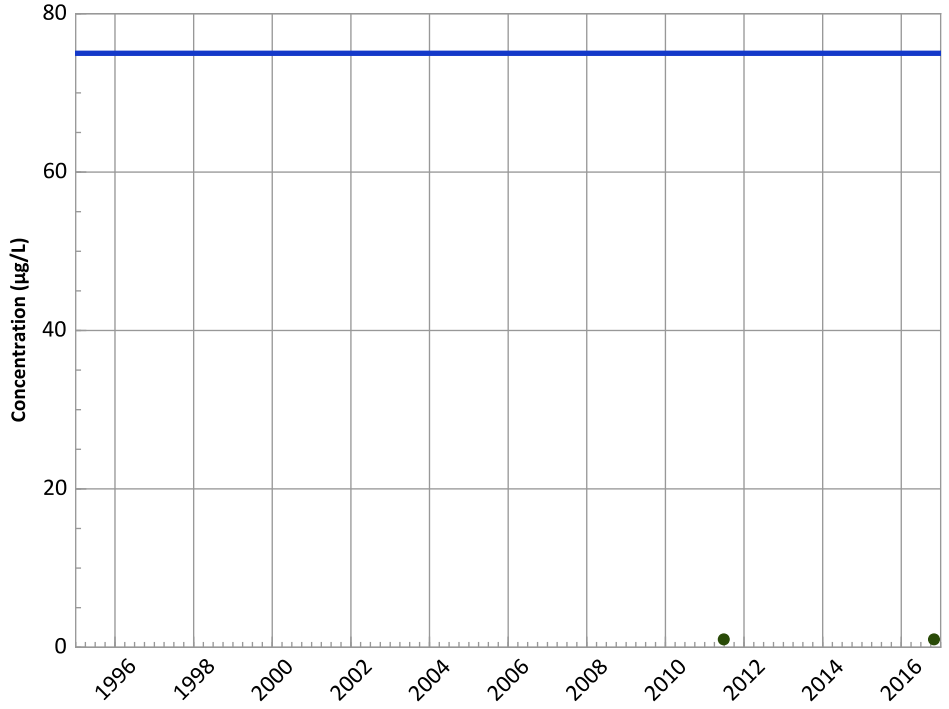
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,4-Dichlorobenzene Trend

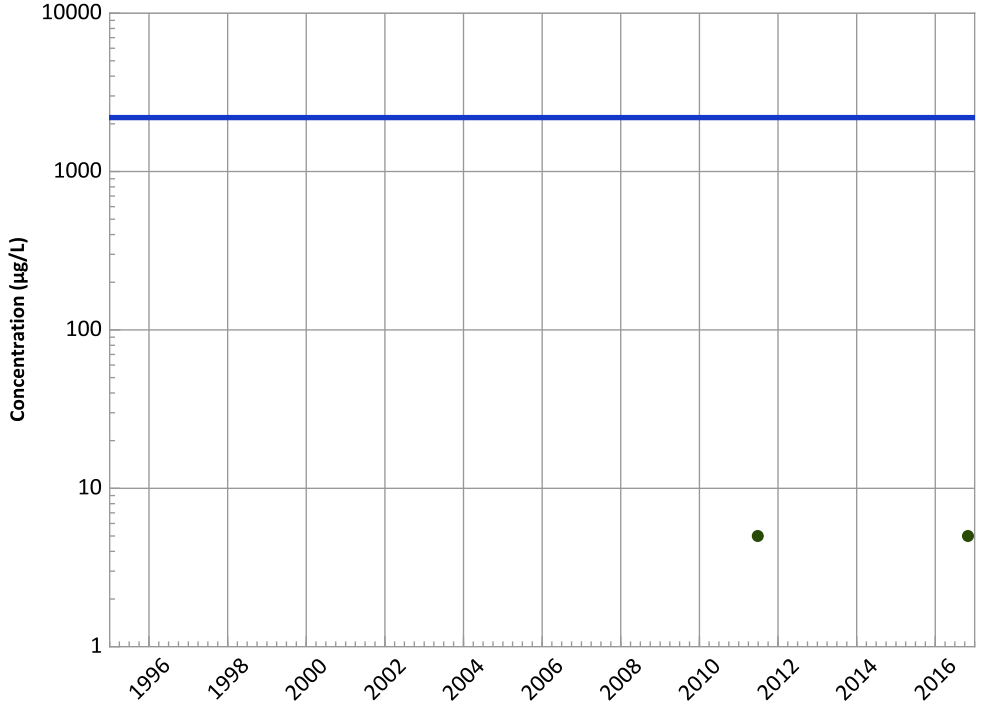


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

2-Hexanone Trend



Concentration Trend

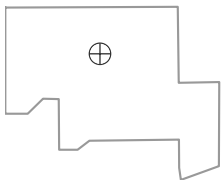
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

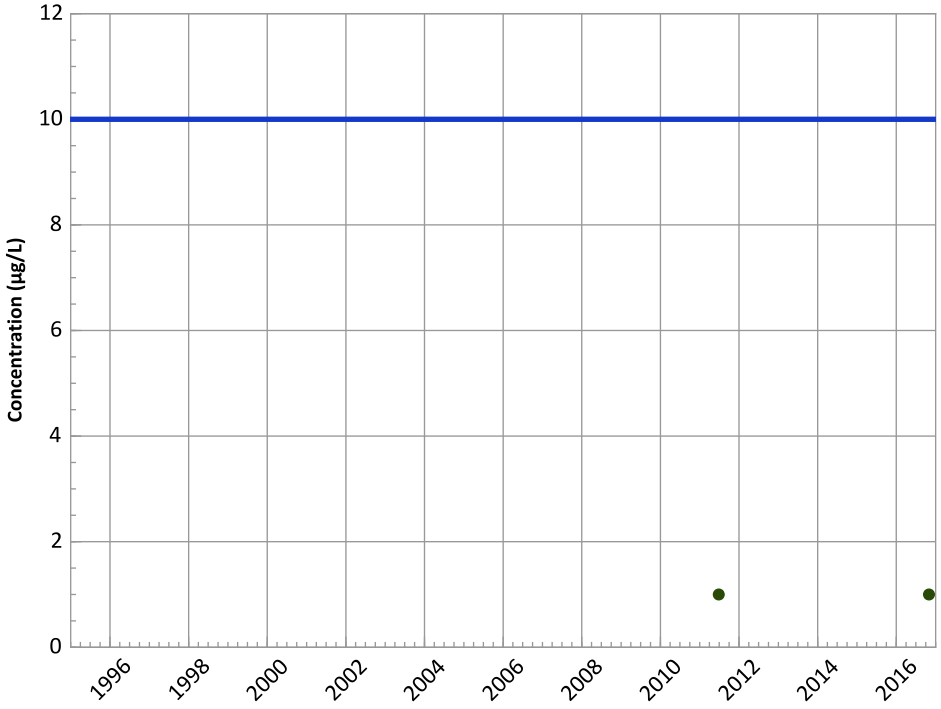
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2,3-Trichloropropane Trend

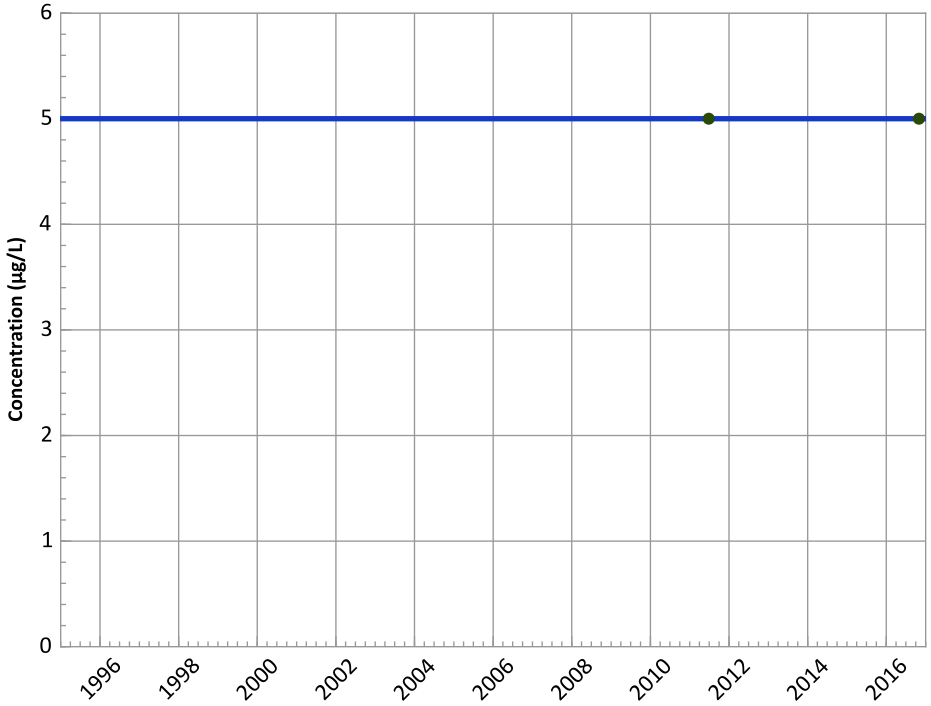


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Allyl Chloride Trend



Concentration Trend

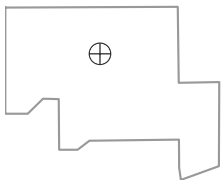
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

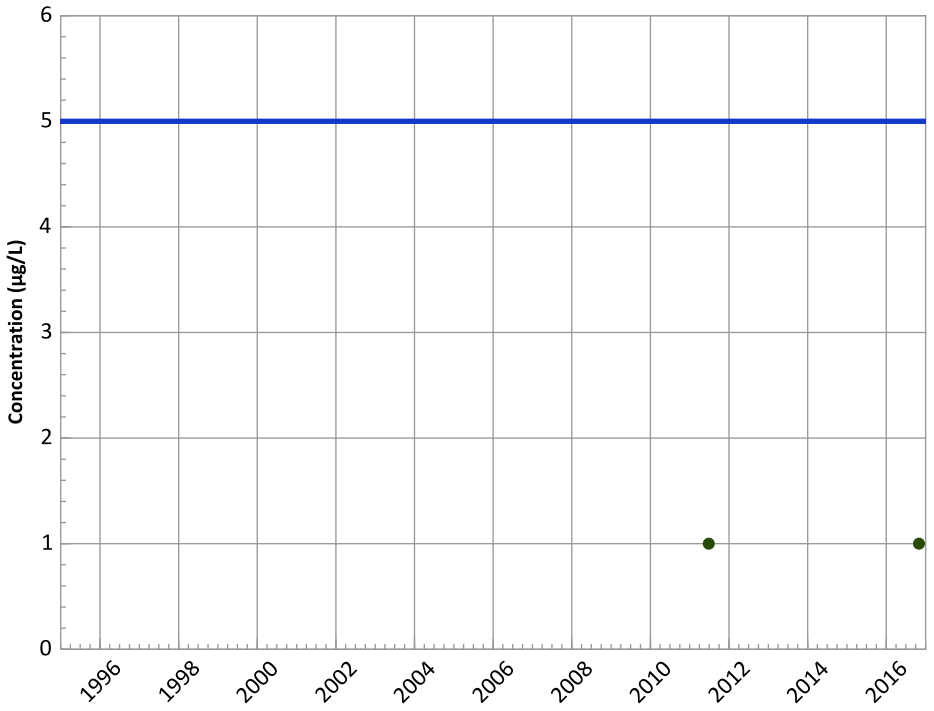
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Benzene Trend

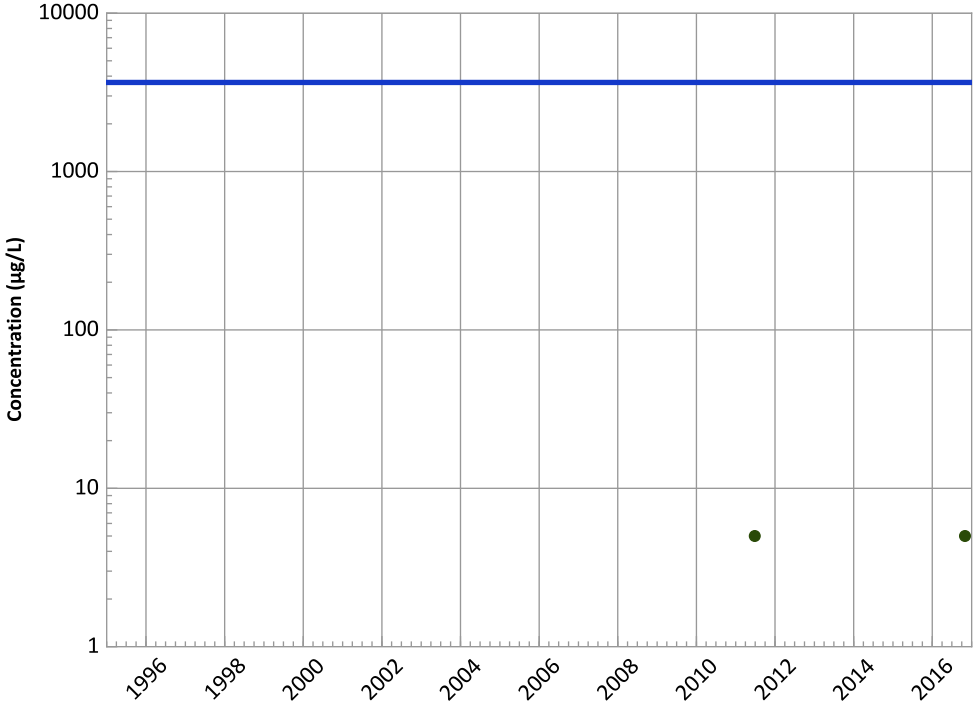


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Carbon Disulfide Trend



Concentration Trend

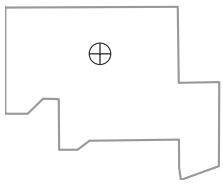
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

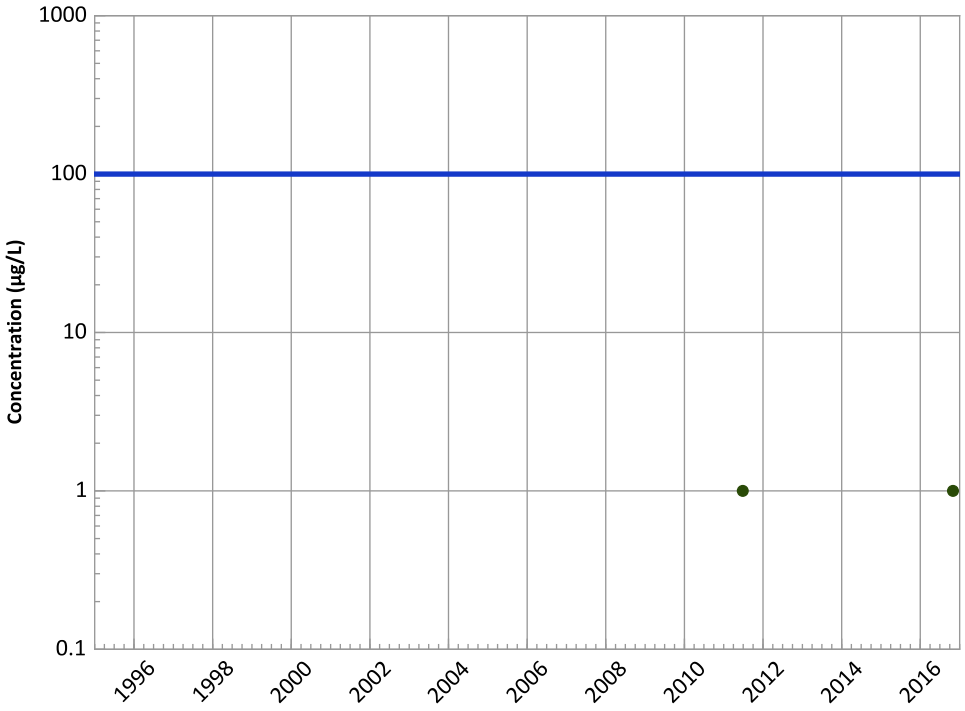
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chlorobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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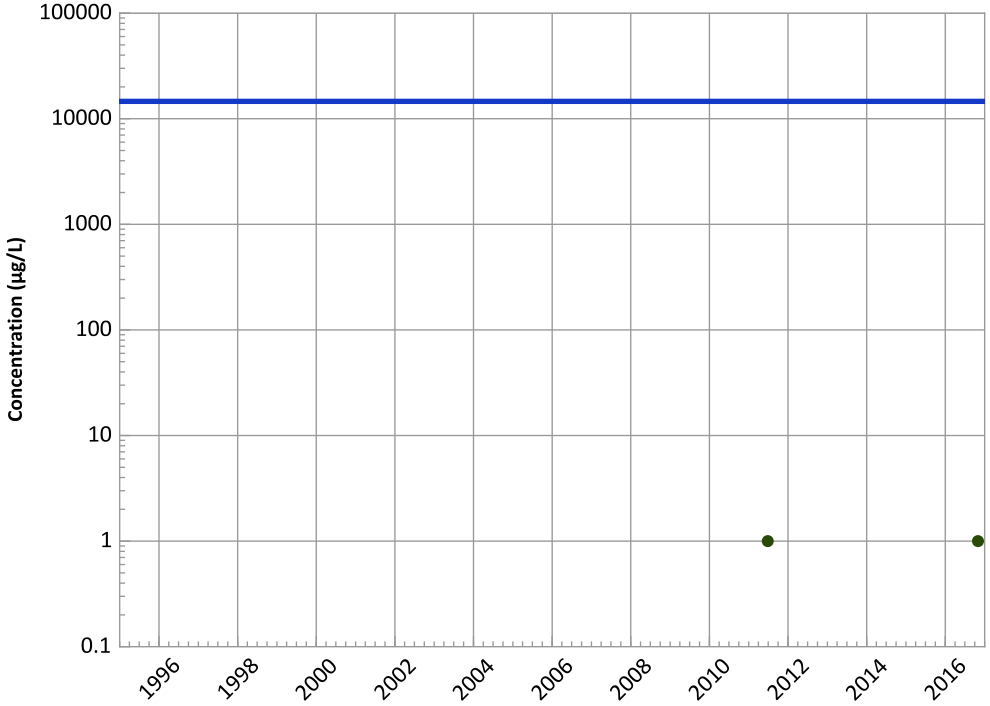
All Data
All Non-Detect

Chloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
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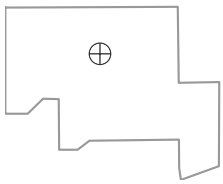
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

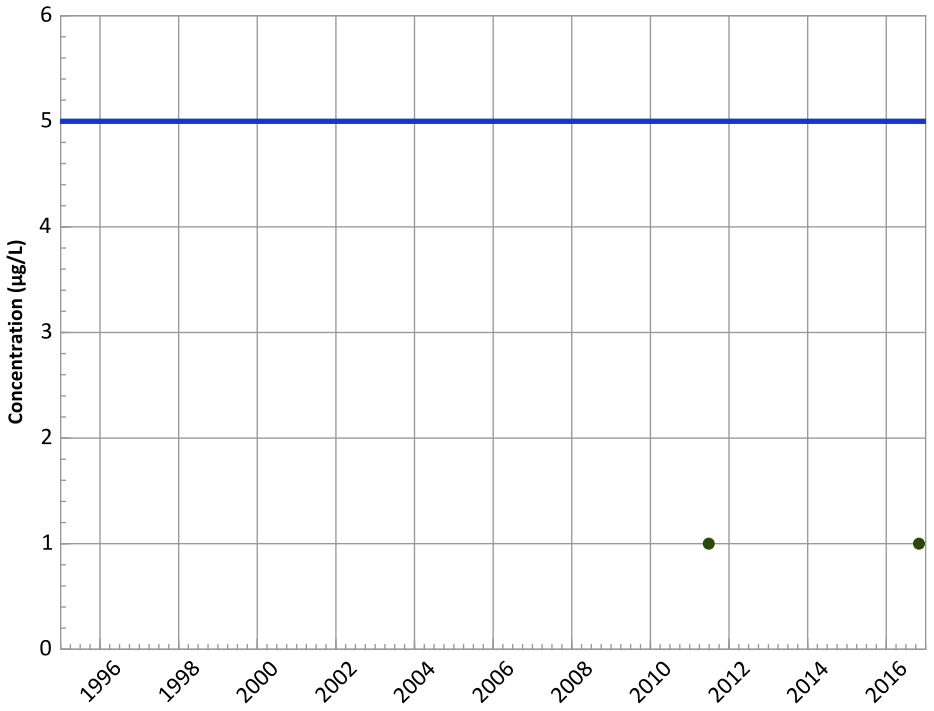
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Carbon Tetrachloride Trend

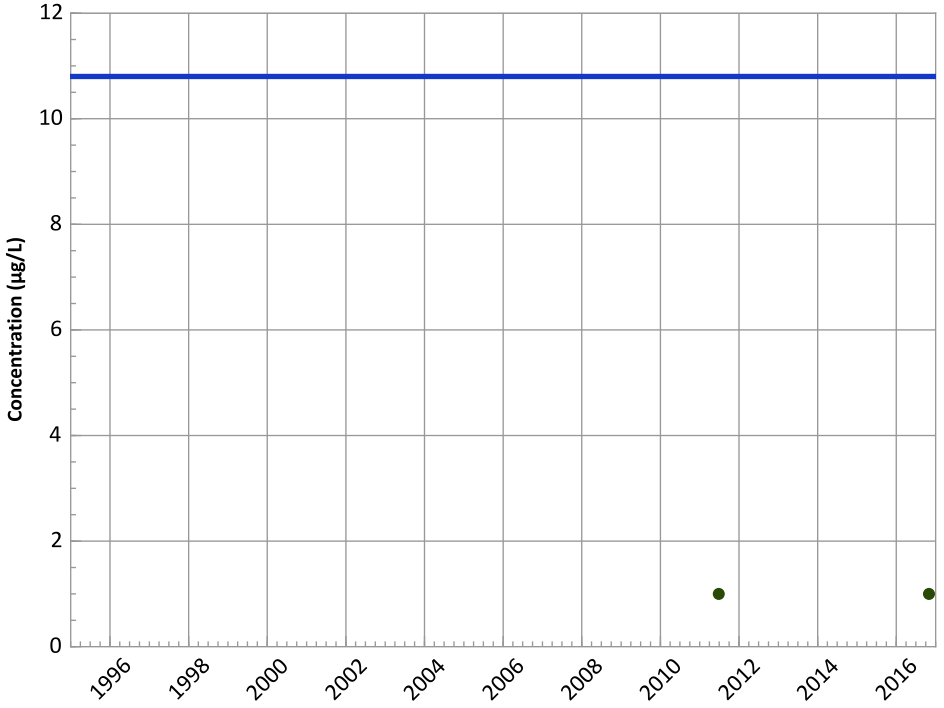


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Bromoform Trend

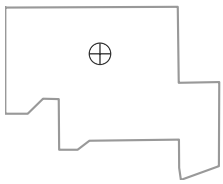


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Well Location

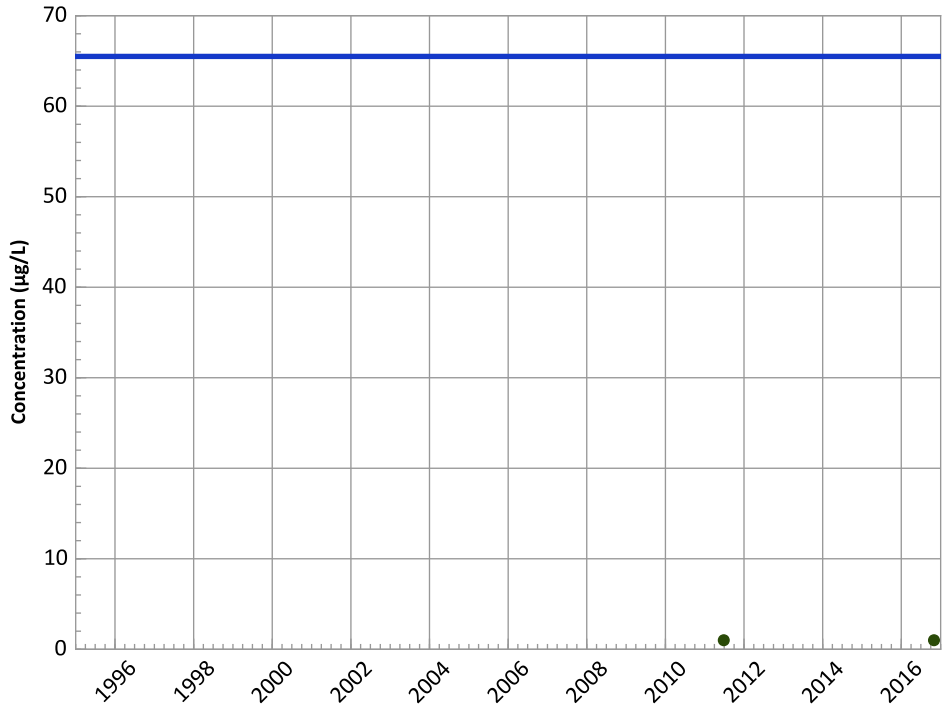


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloromethane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
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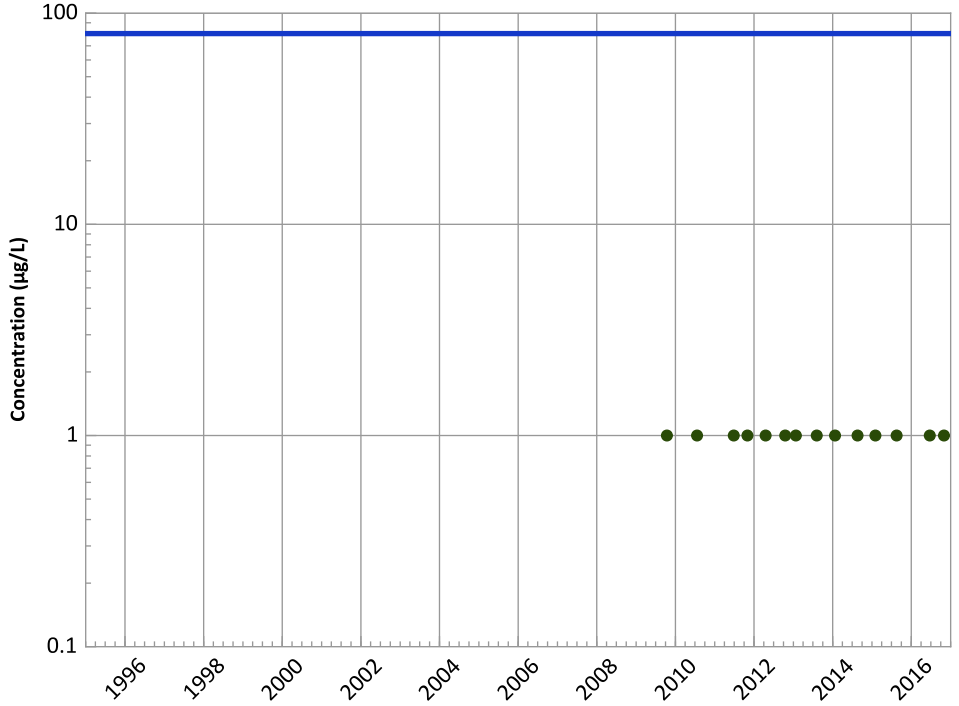
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Chloroform Trend



Concentration Trend

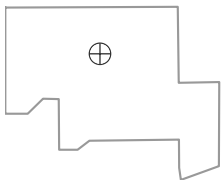
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

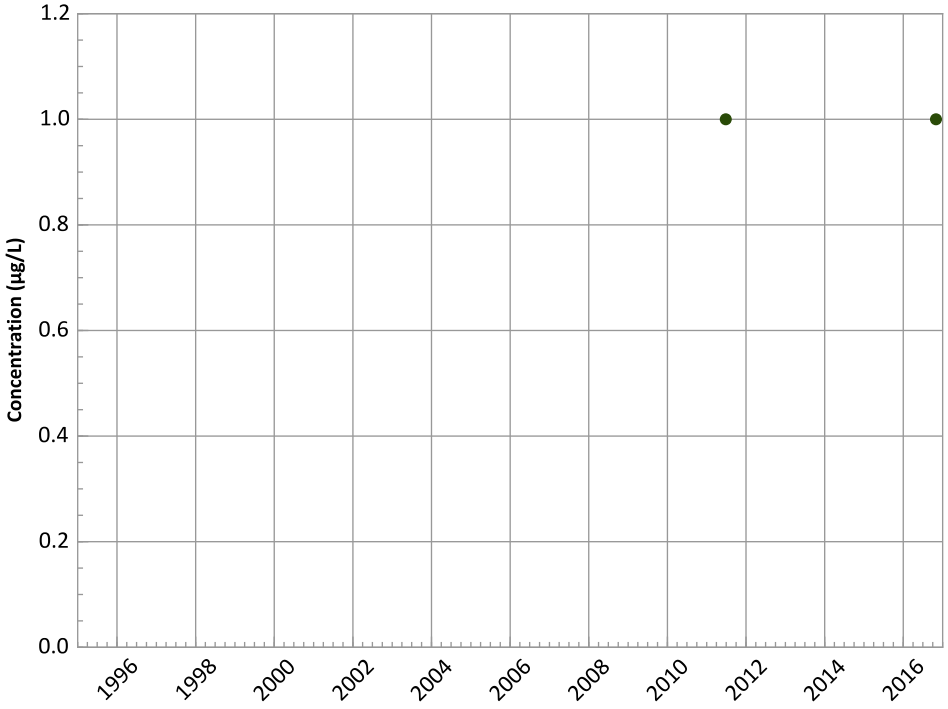
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2-Chloro-1,3-Butadiene Trend

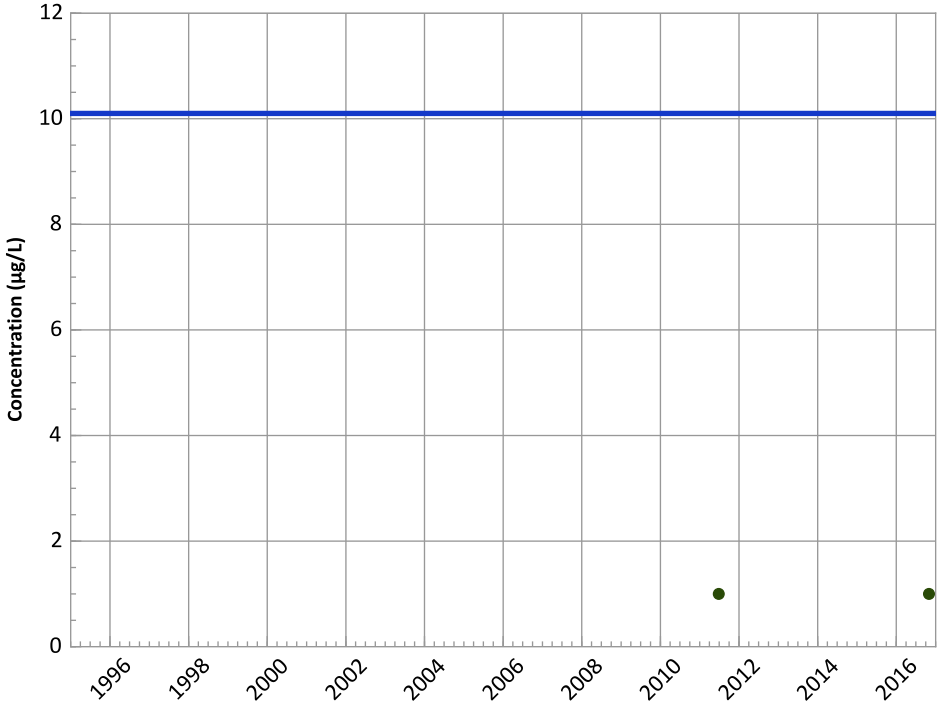


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Dibromochloromethane Trend



Concentration Trend

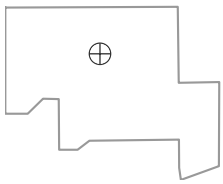
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

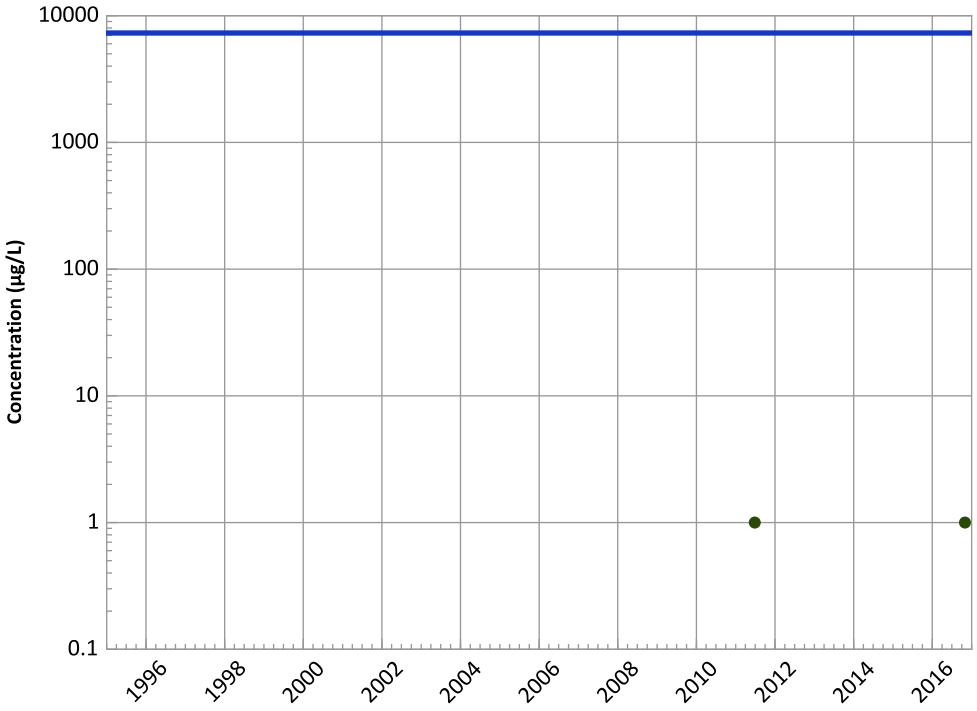
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Dichlorodifluoromethane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
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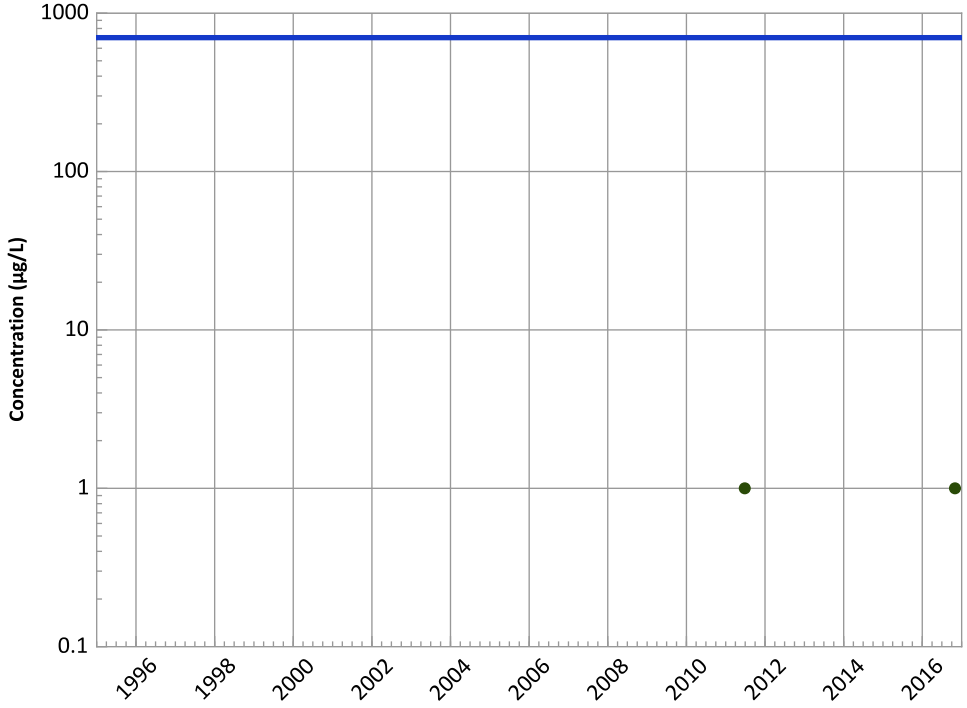
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Ethylbenzene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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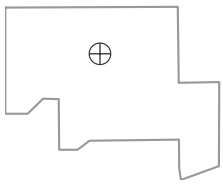
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

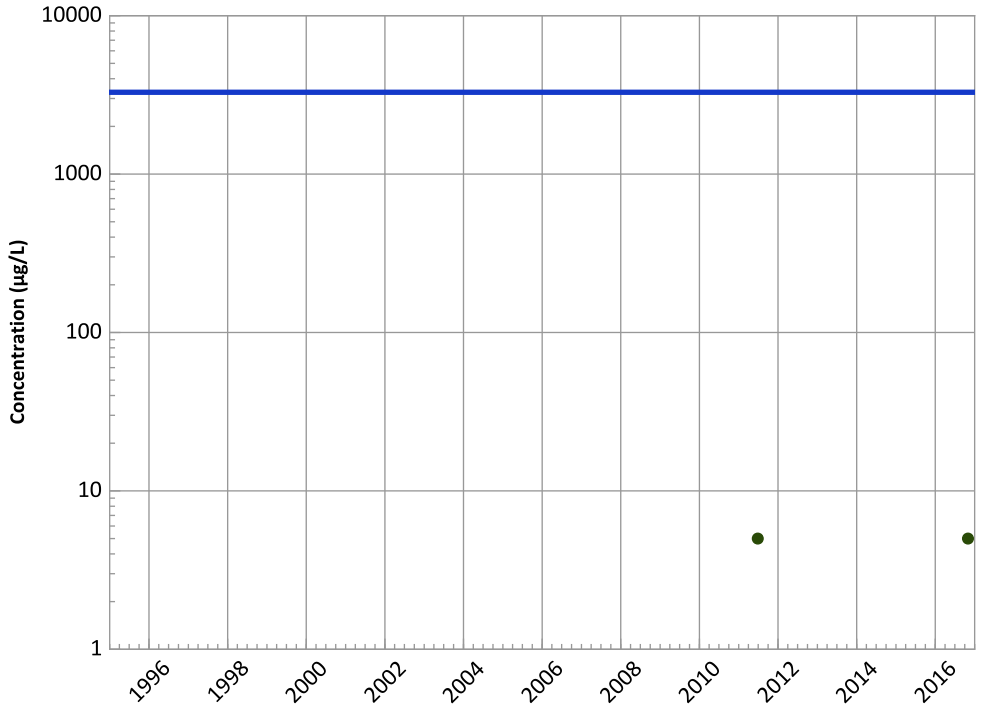
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Ethyl Methacrylate Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
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All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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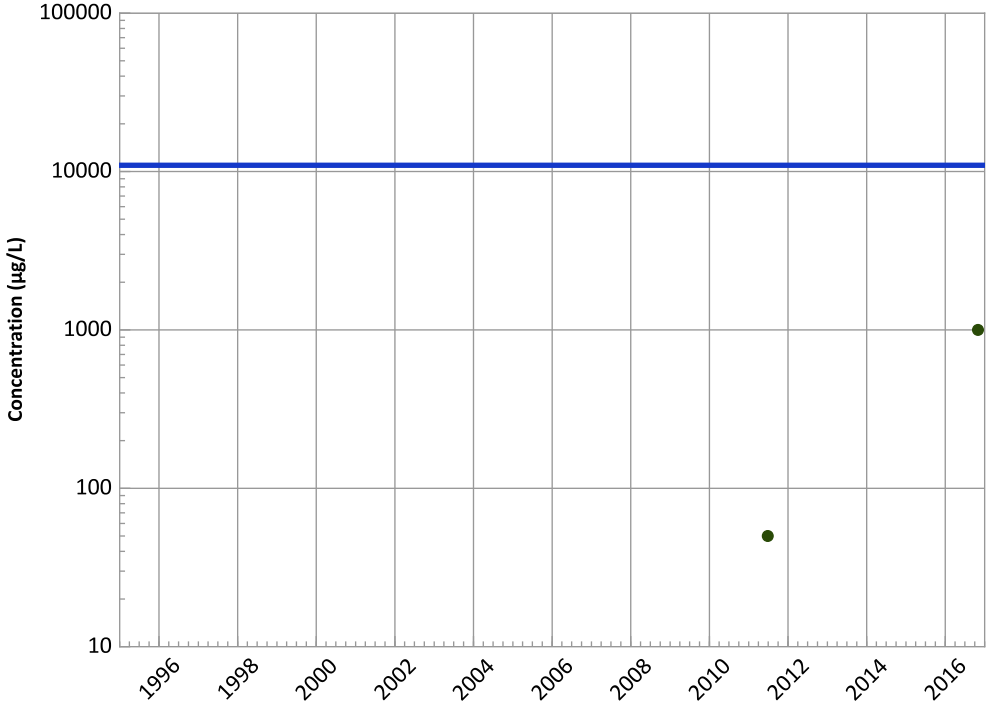
All Data
All Non-Detect

Isobutanol Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
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All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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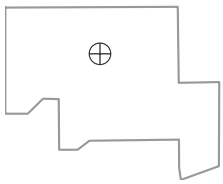
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

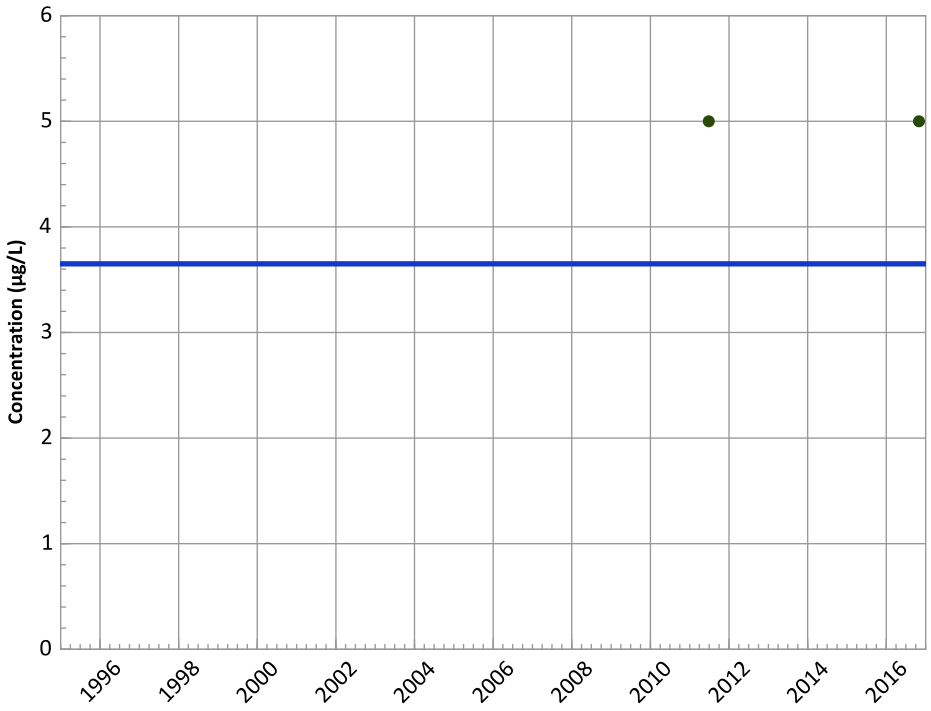
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methylacrylonitrile Trend

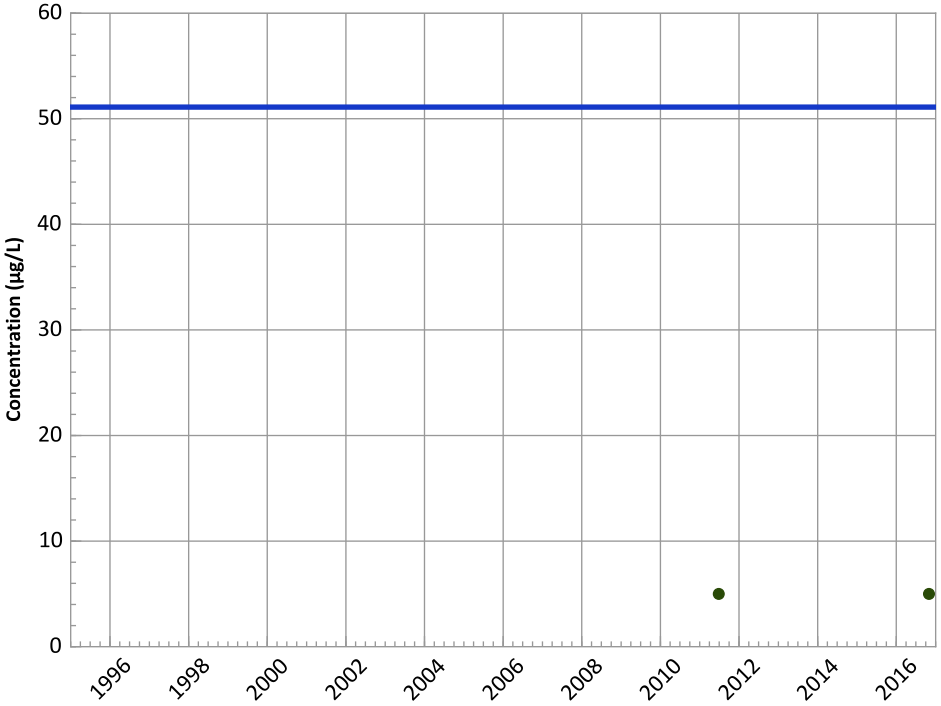


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Iodomethane (Methyl Iodide) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
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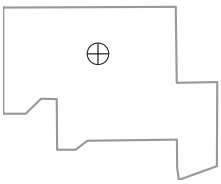
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

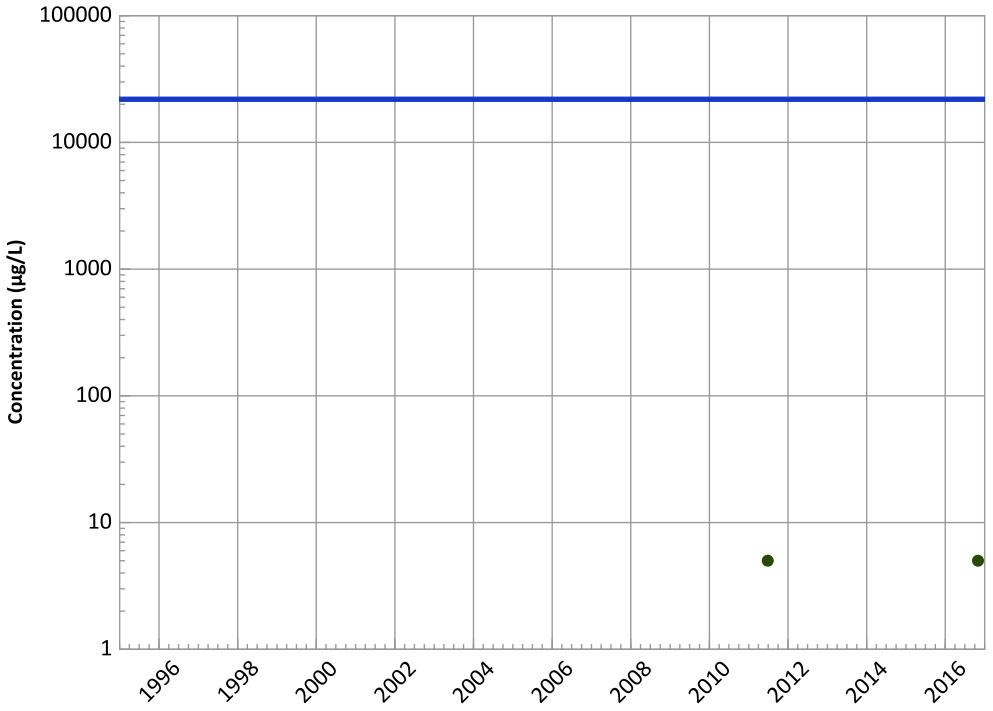
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methyl Ethyl Ketone (2-Butanone) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
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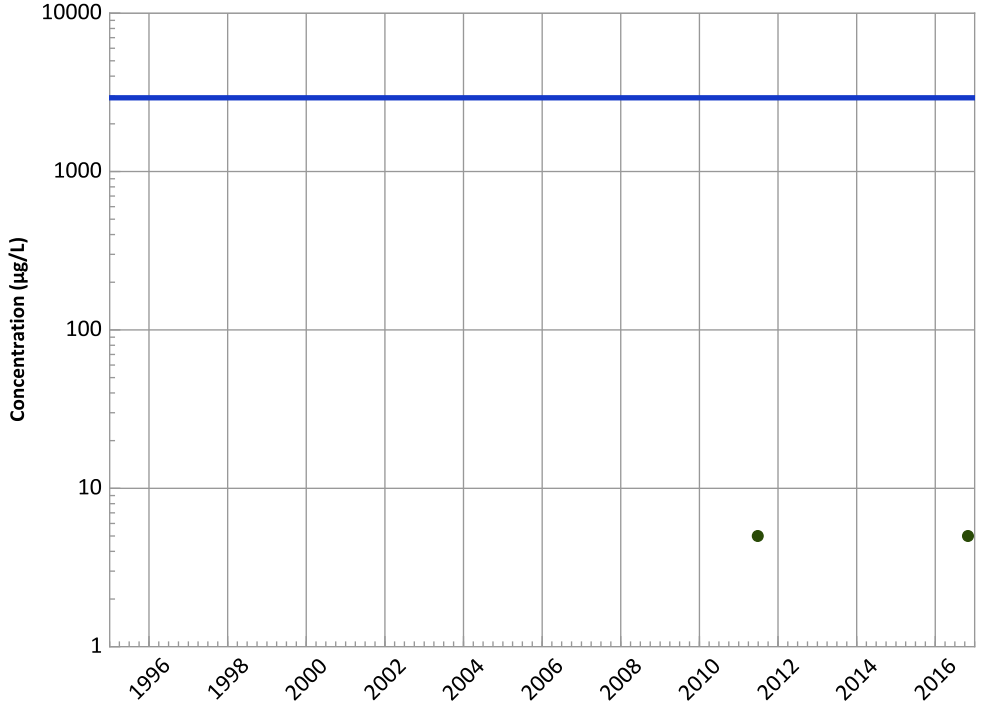
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
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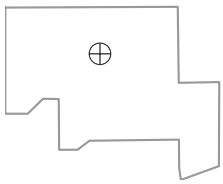
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

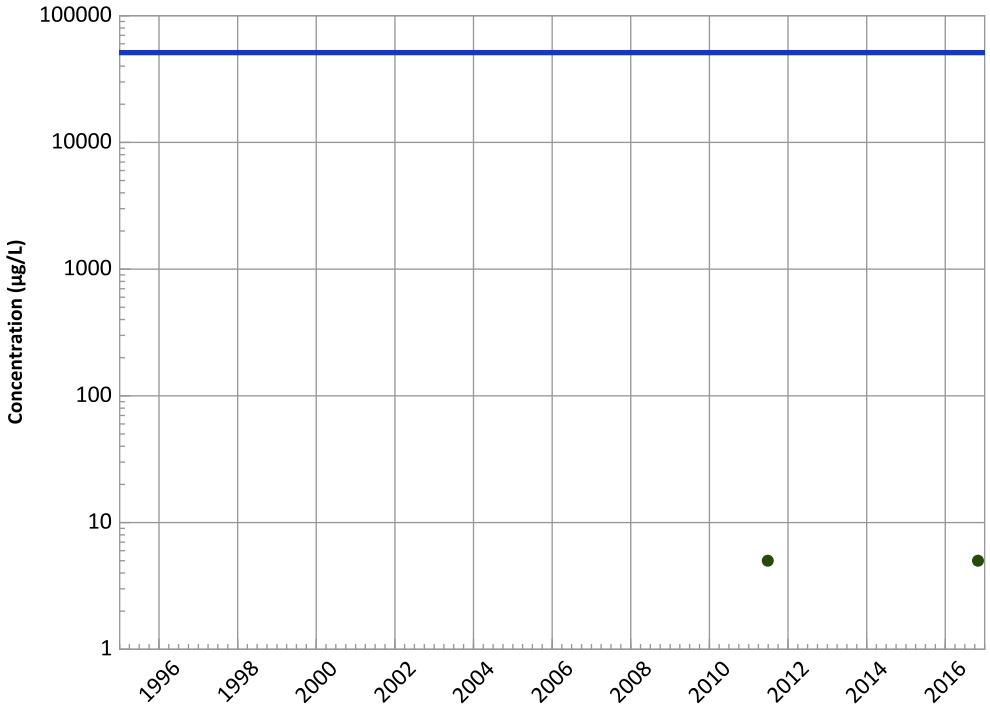
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methyl Methacrylate Trend

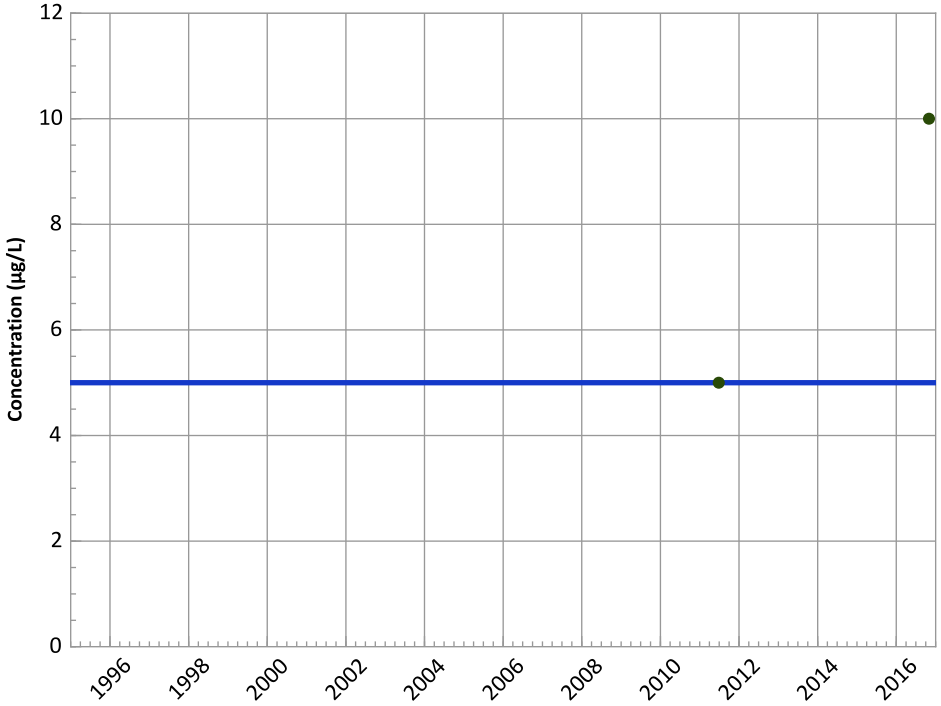


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methylene Chloride Trend



Concentration Trend

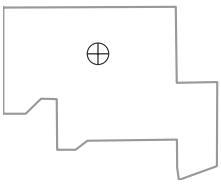
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

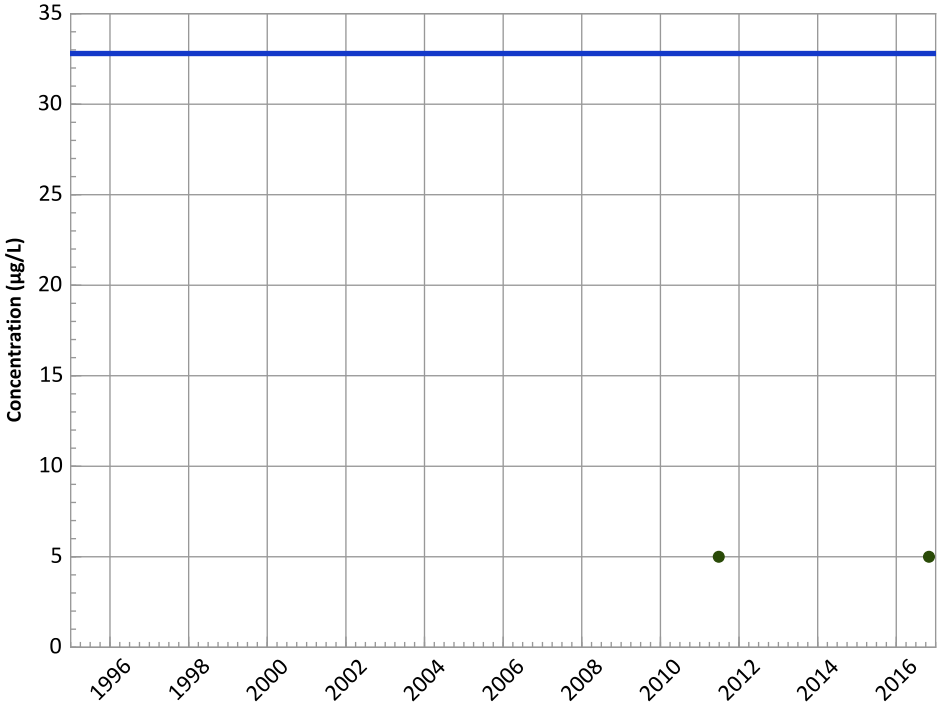
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Pentachloroethane Trend

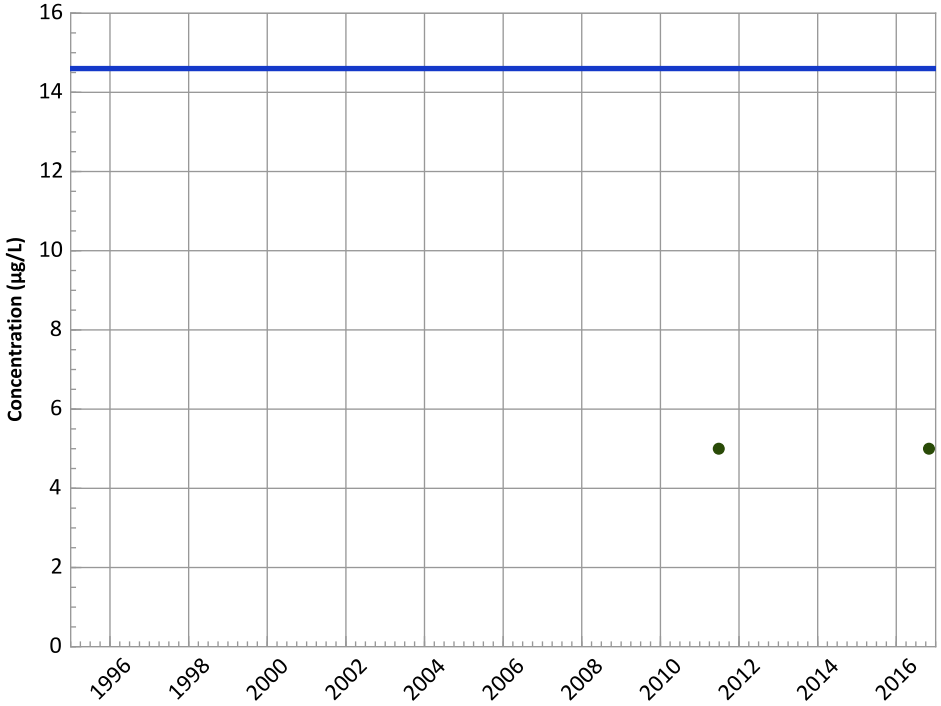


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Propane Nitrile (Propionitrile) Trend



Concentration Trend

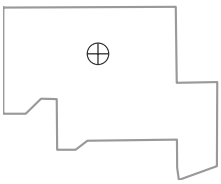
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

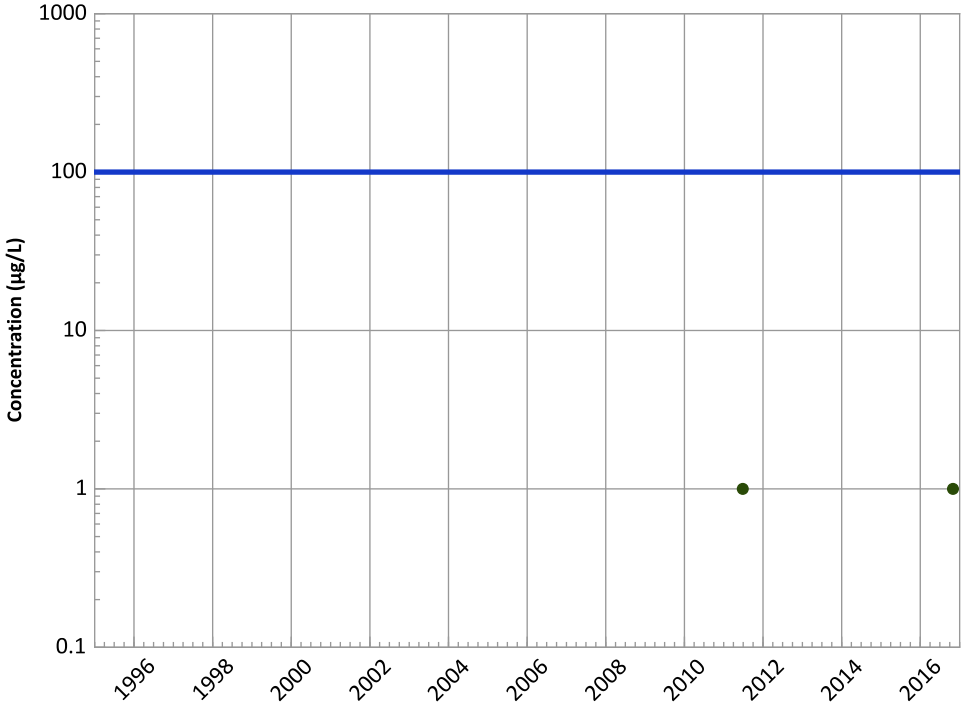
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Styrene Trend

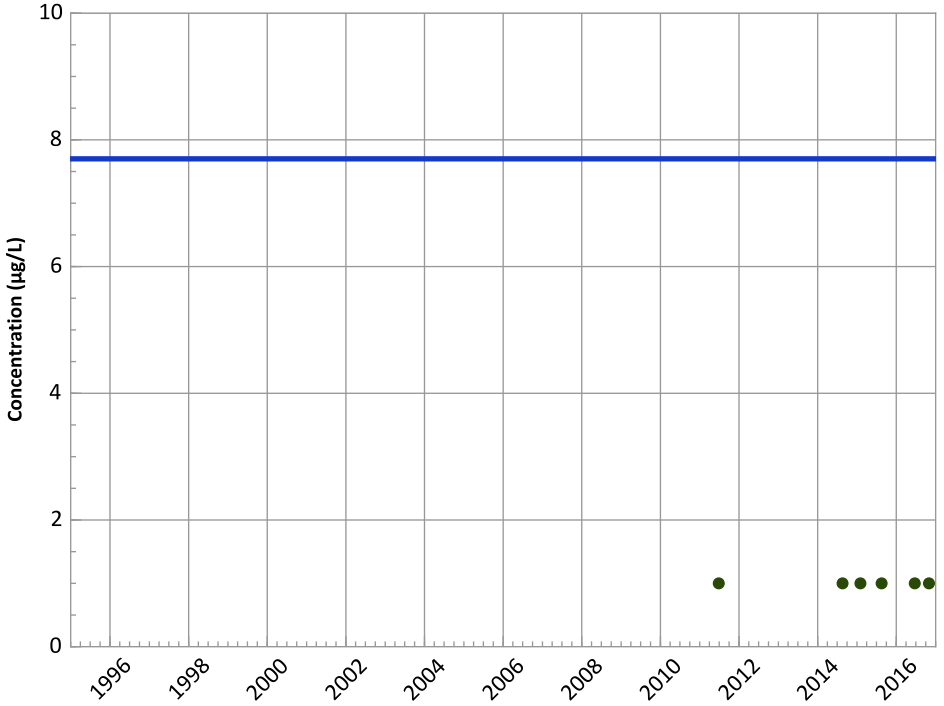


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

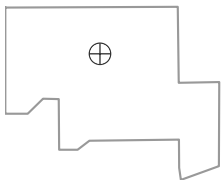
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

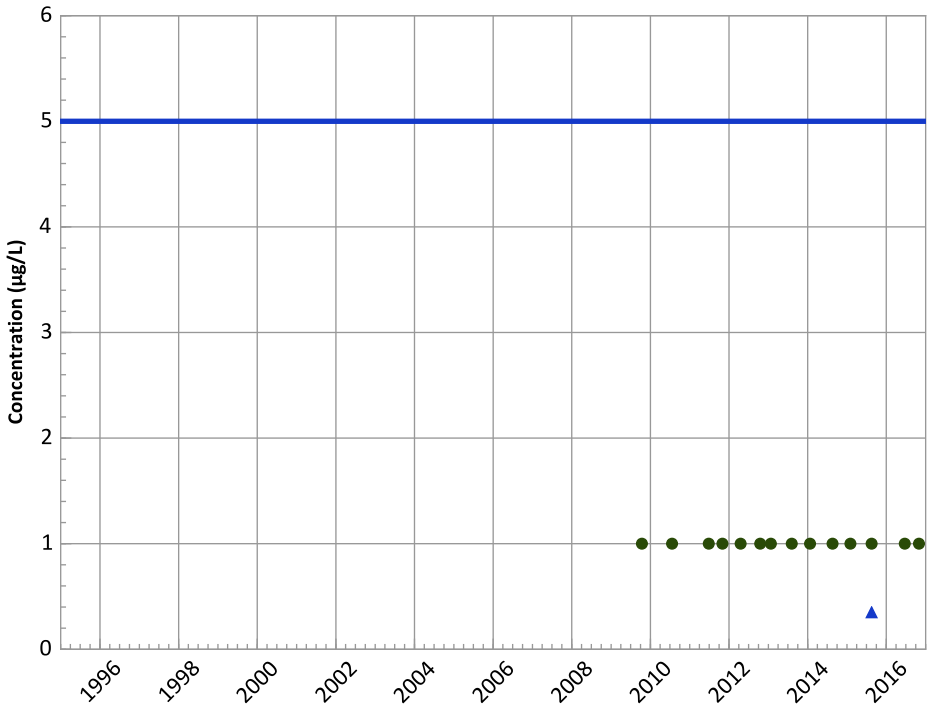
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

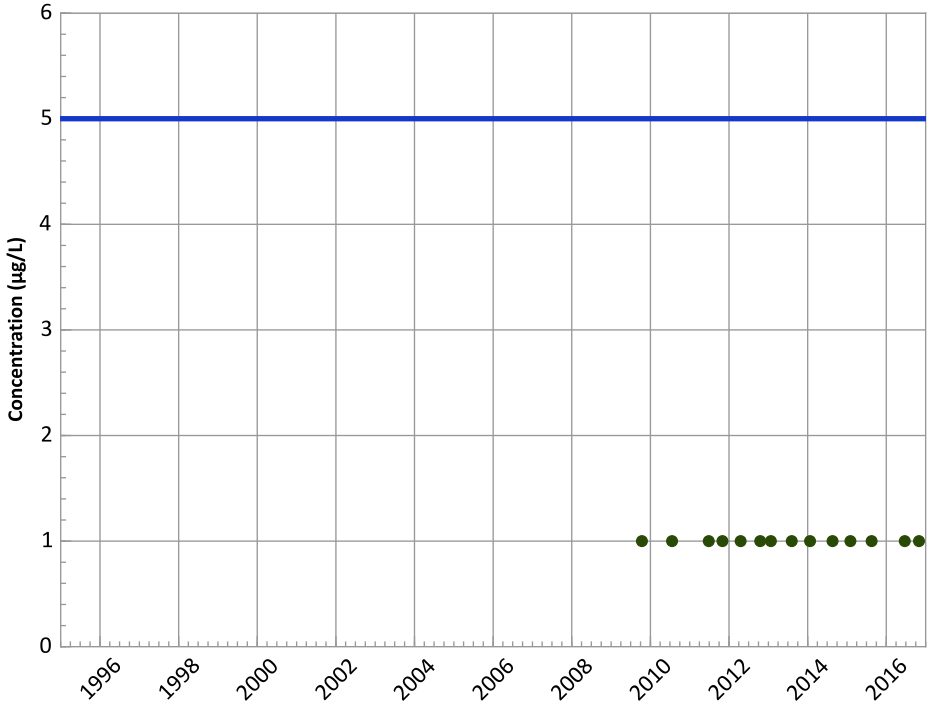


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Trichloroethene Trend

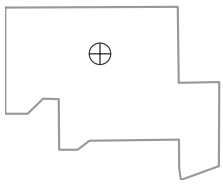


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Well Location

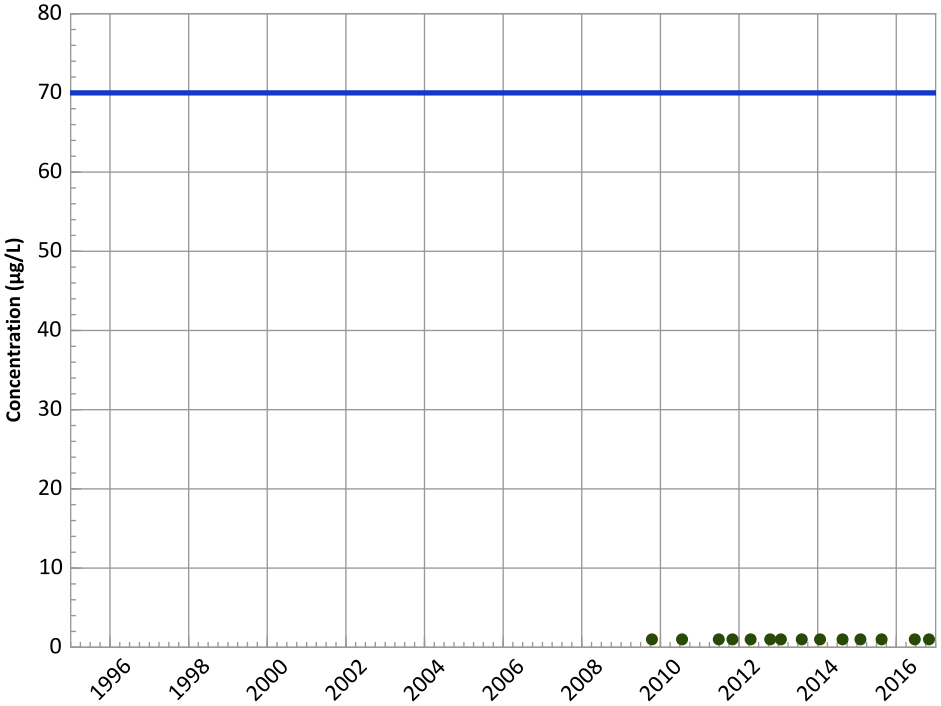


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

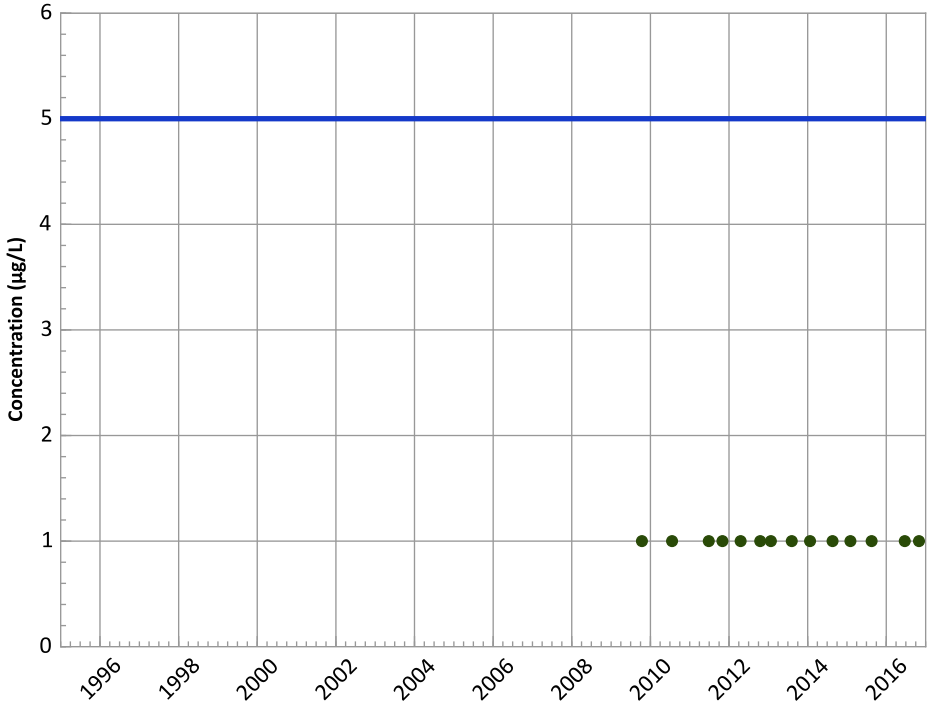


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend

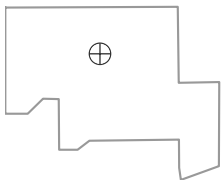


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Well Location

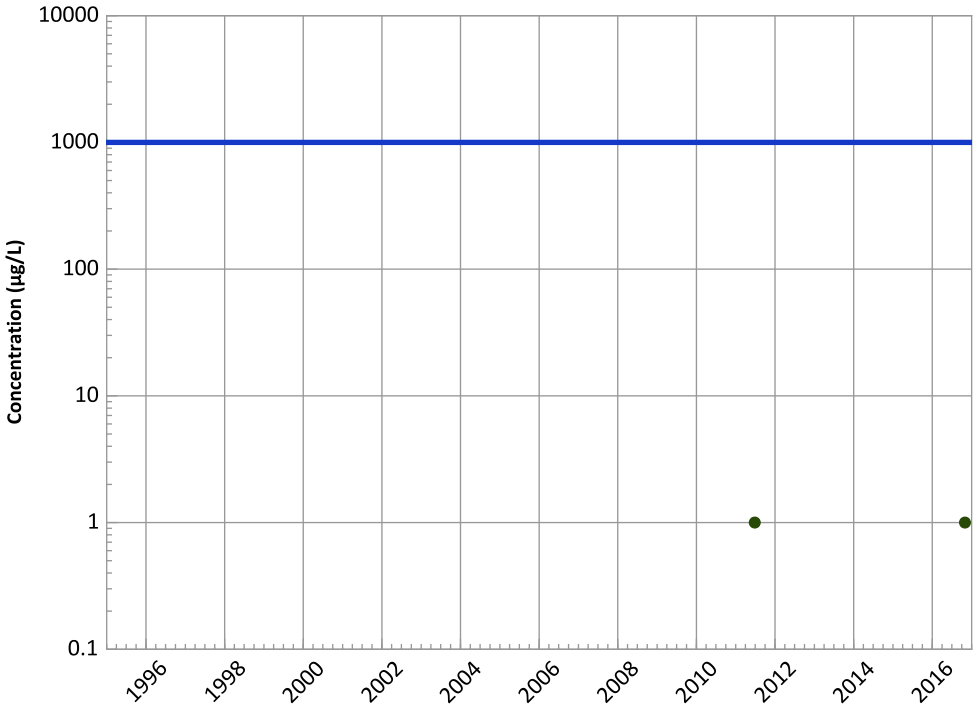


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Toluene Trend

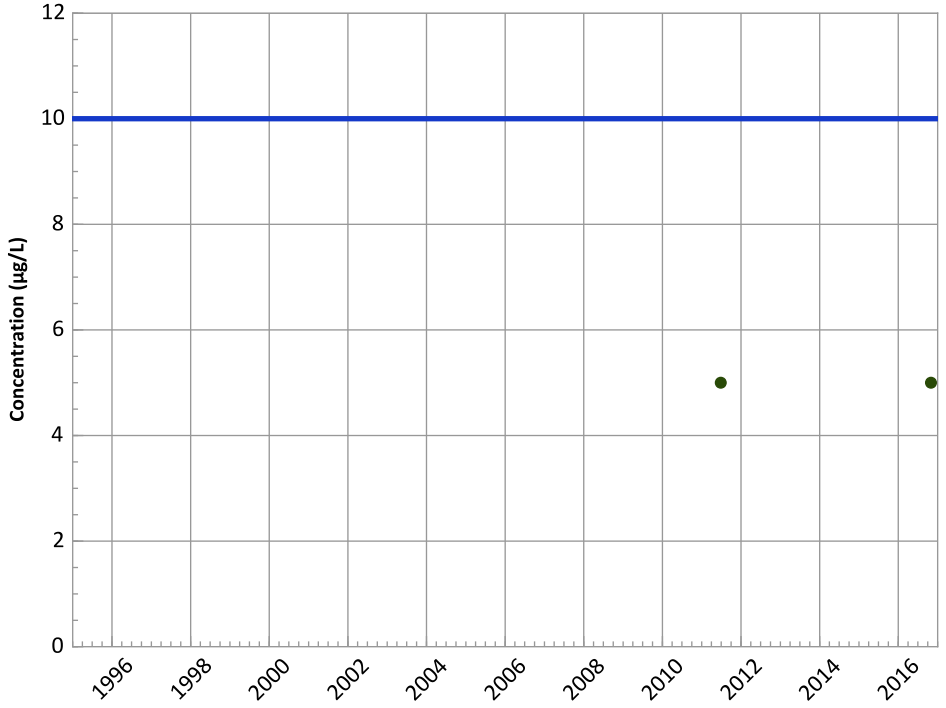


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

trans-1,4-Dichloro-2-Butene Trend



Concentration Trend

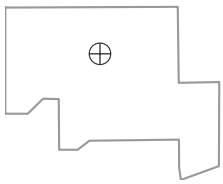
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

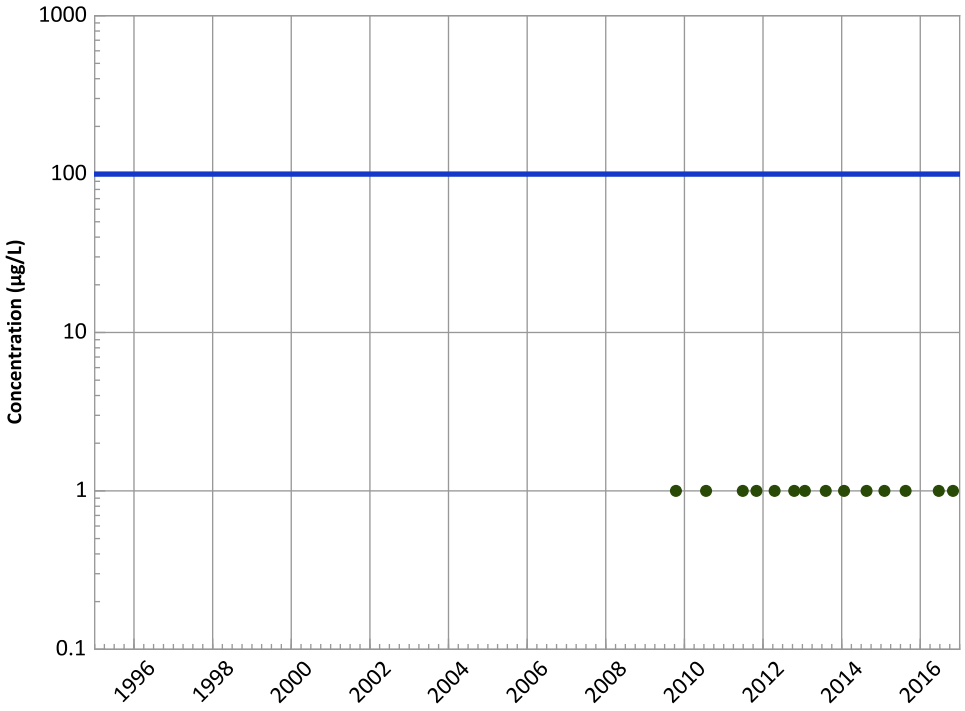
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

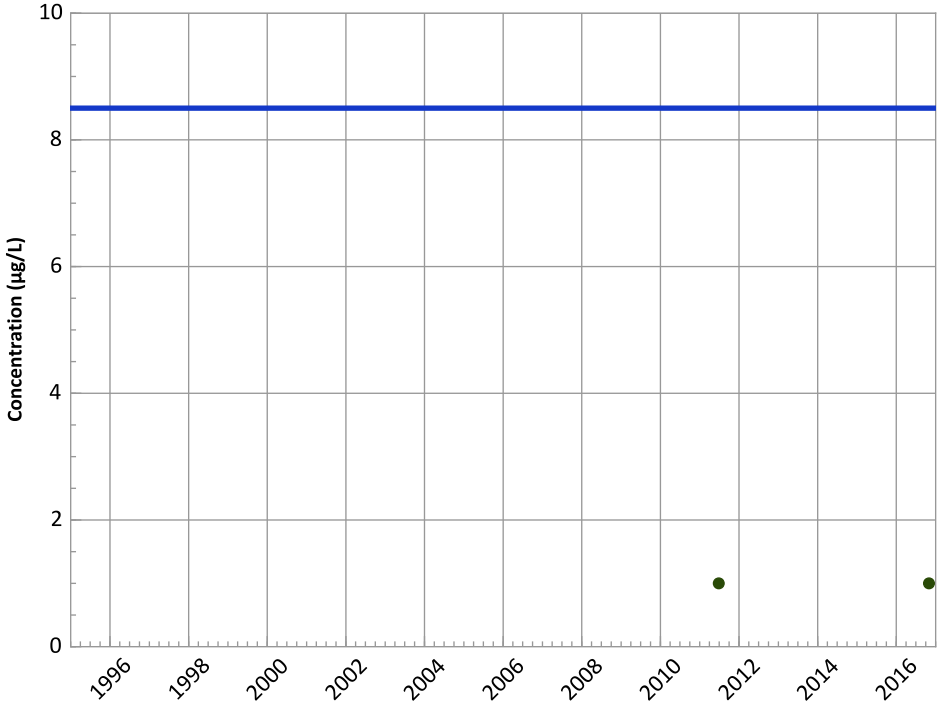


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

trans-1,3-Dichloropropene Trend



Concentration Trend

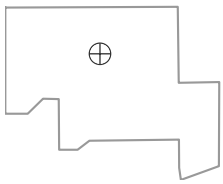
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

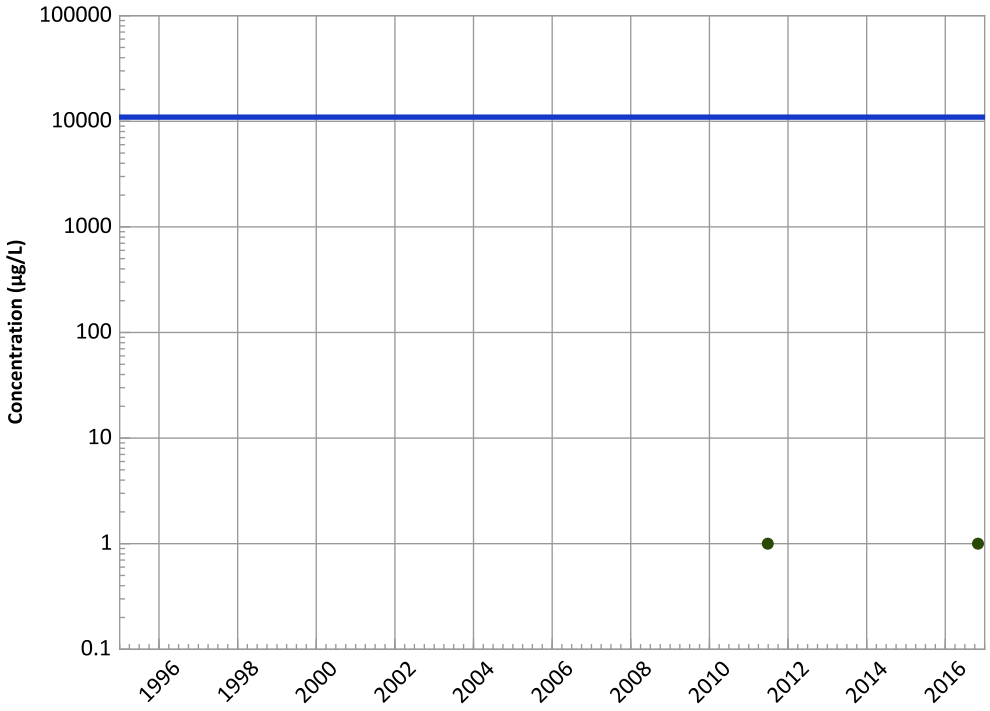
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichlorofluoromethane Trend

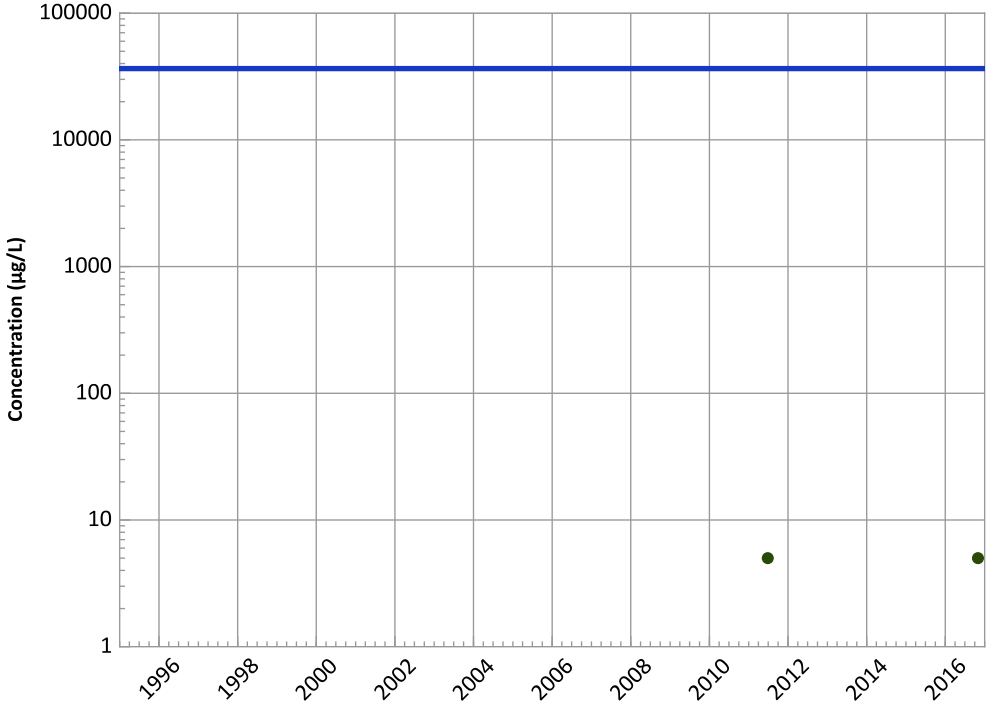


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Vinyl Acetate Trend

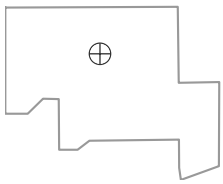


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Well Location

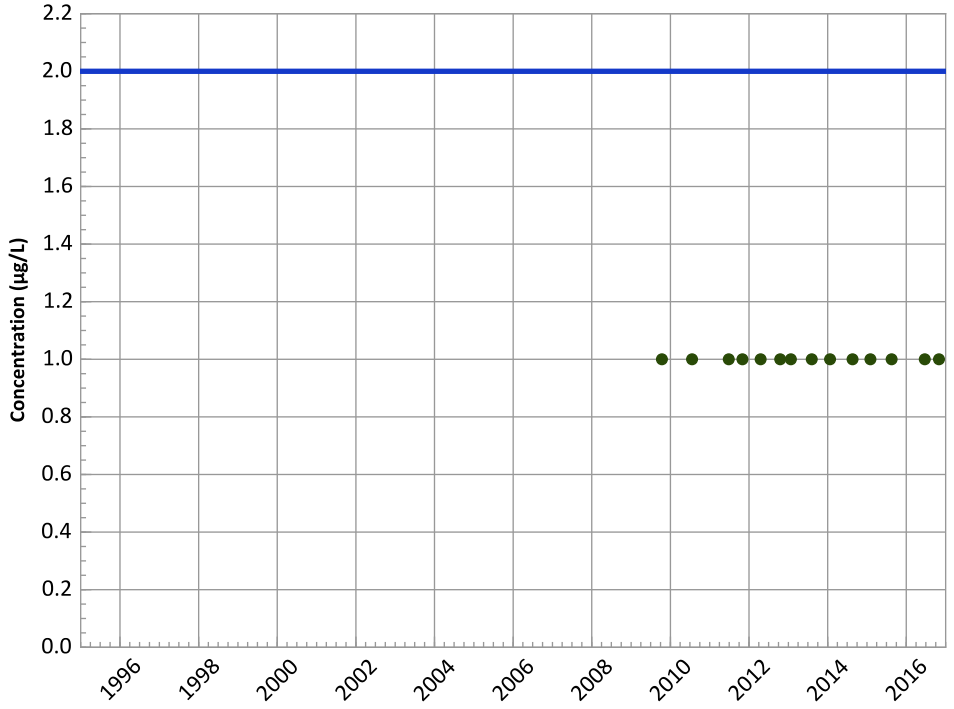


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

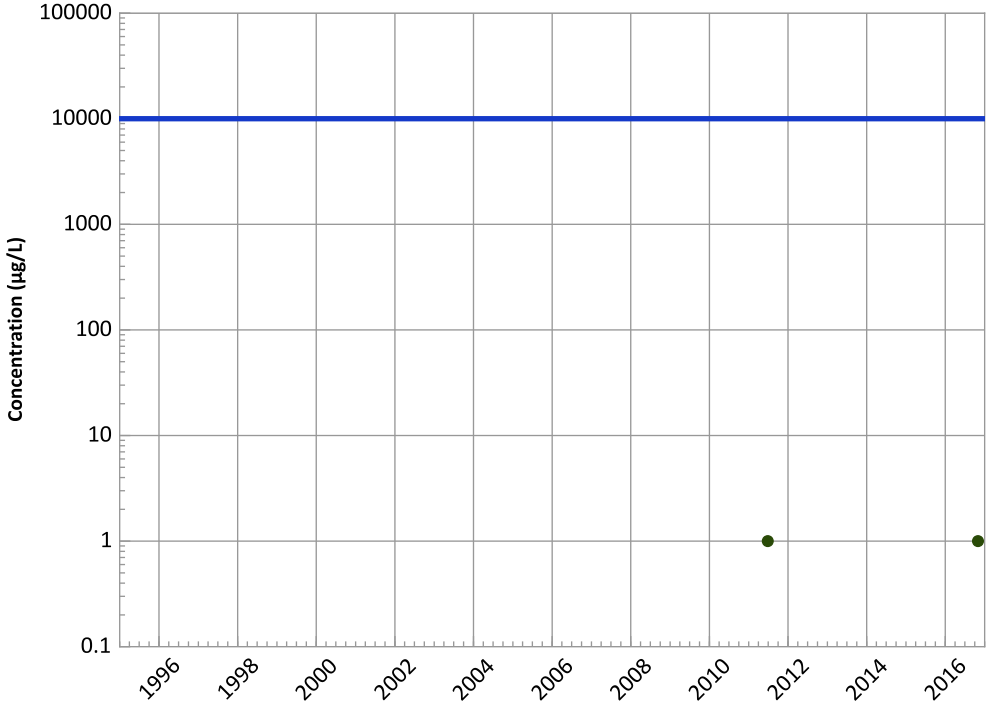


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Xylenes, Total Trend



Concentration Trend

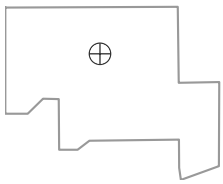
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

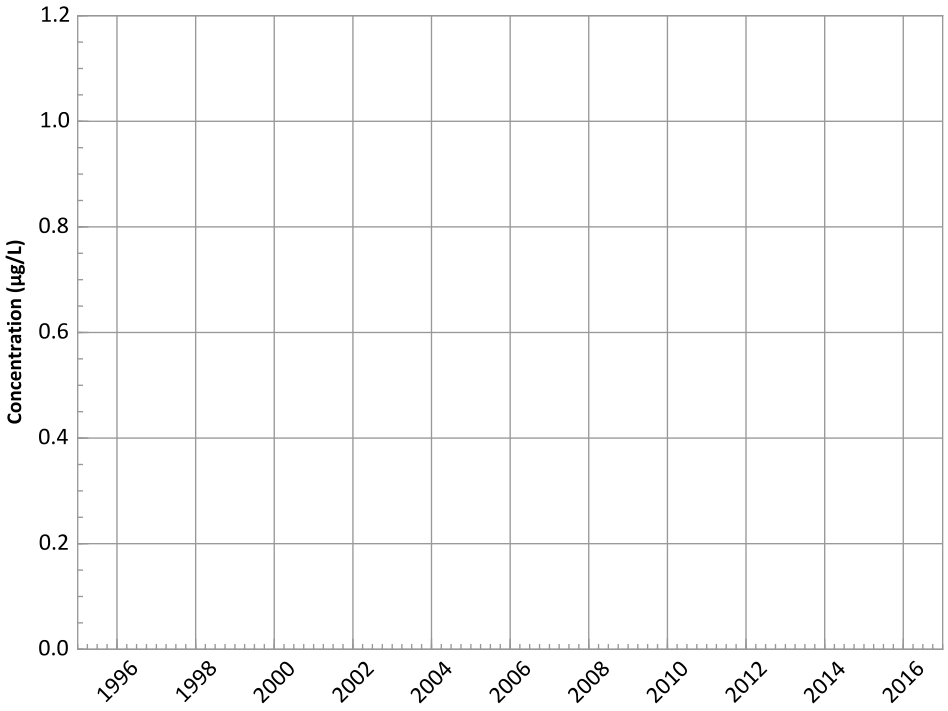
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sulfide Trend

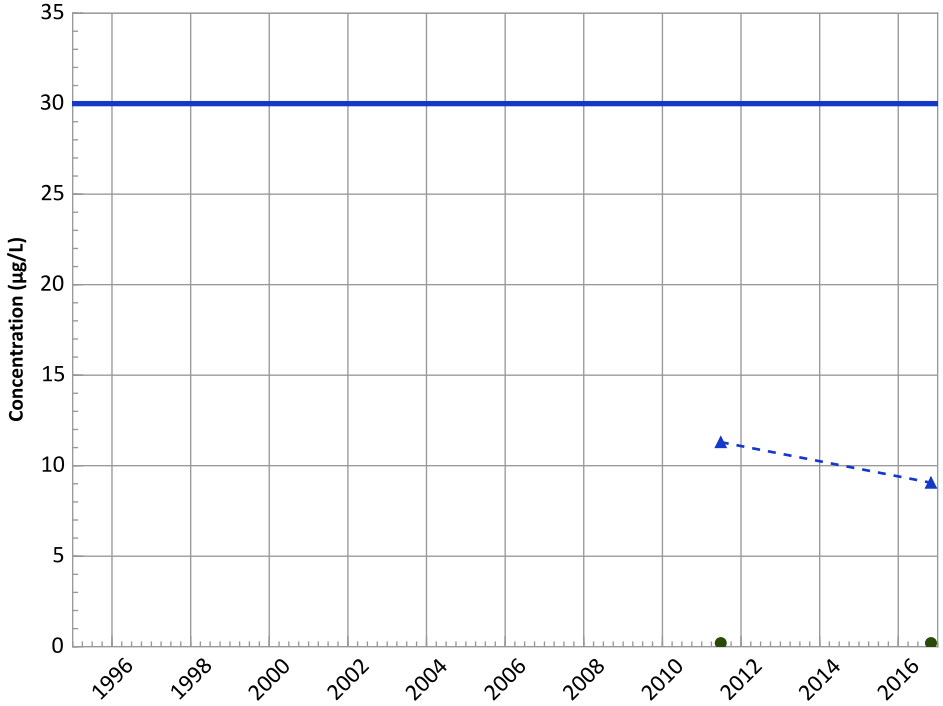


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Uranium, Total Trend



Concentration Trend

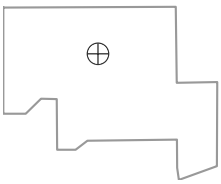
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

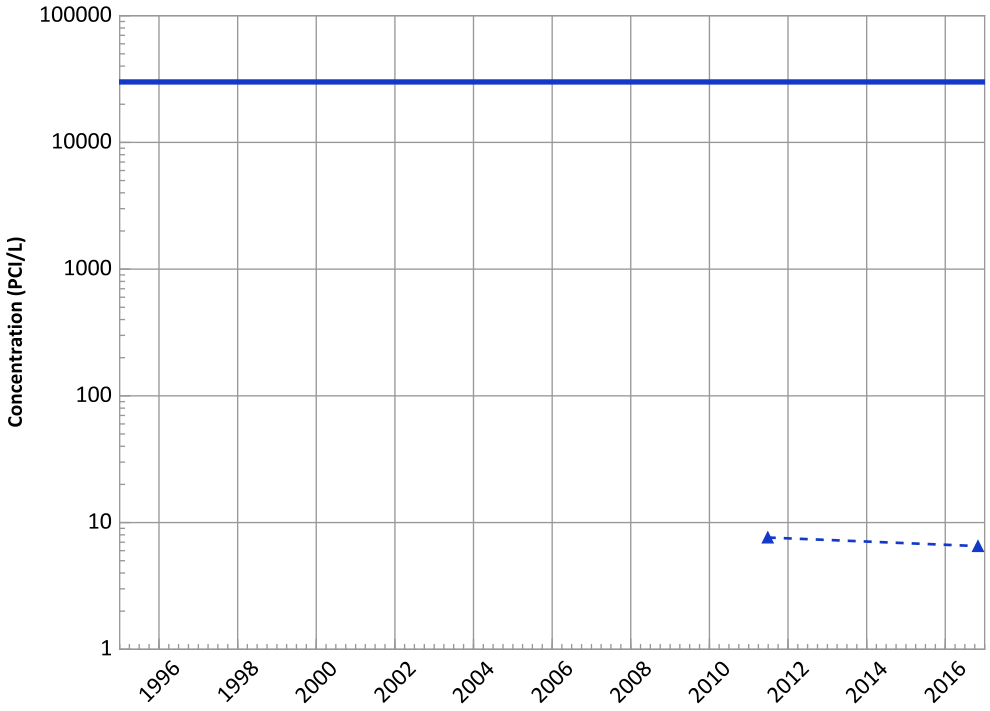
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Uranium-233/234 Trend

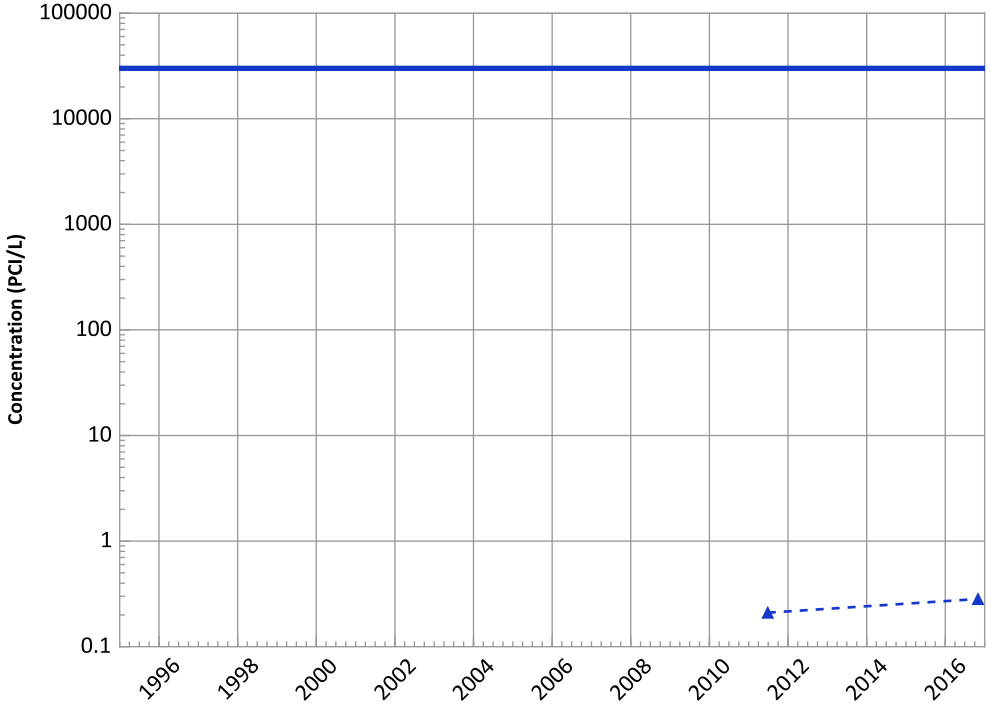


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Uranium-235/236 Trend



Concentration Trend

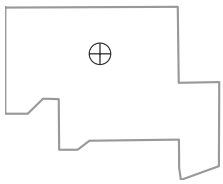
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

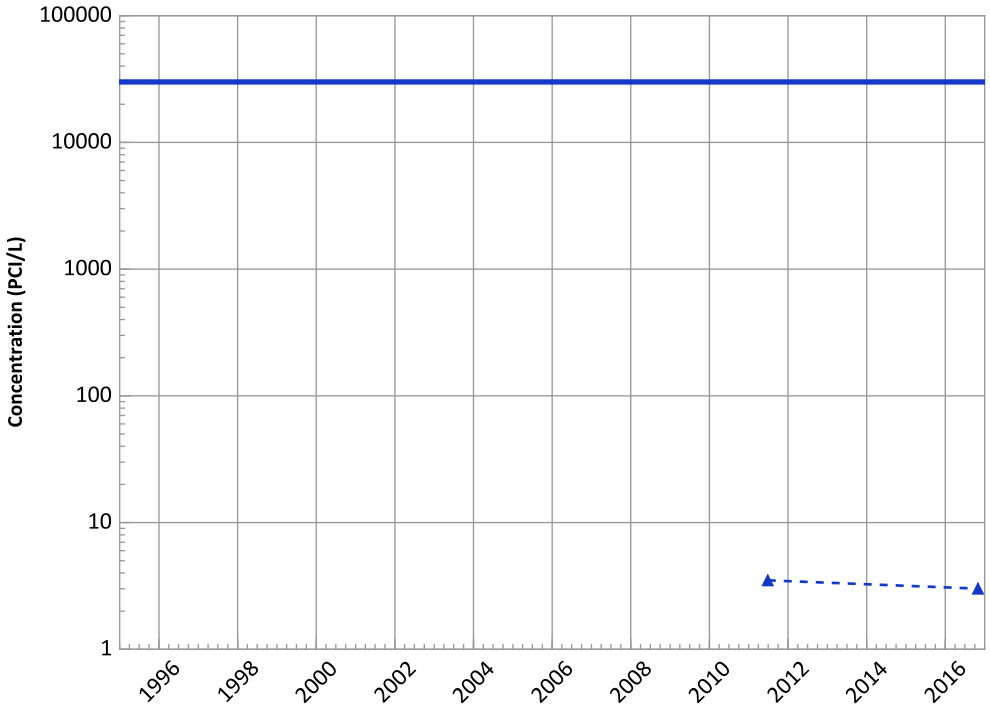
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Uranium-238 Trend

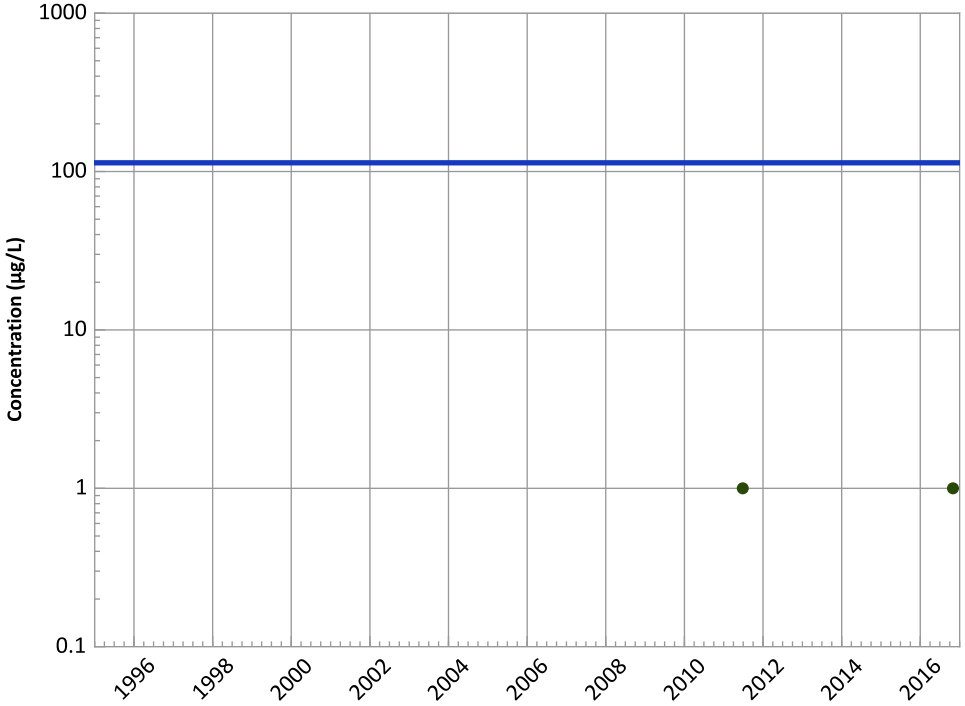


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Dibromomethane Trend



Concentration Trend

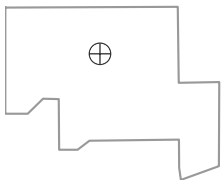
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

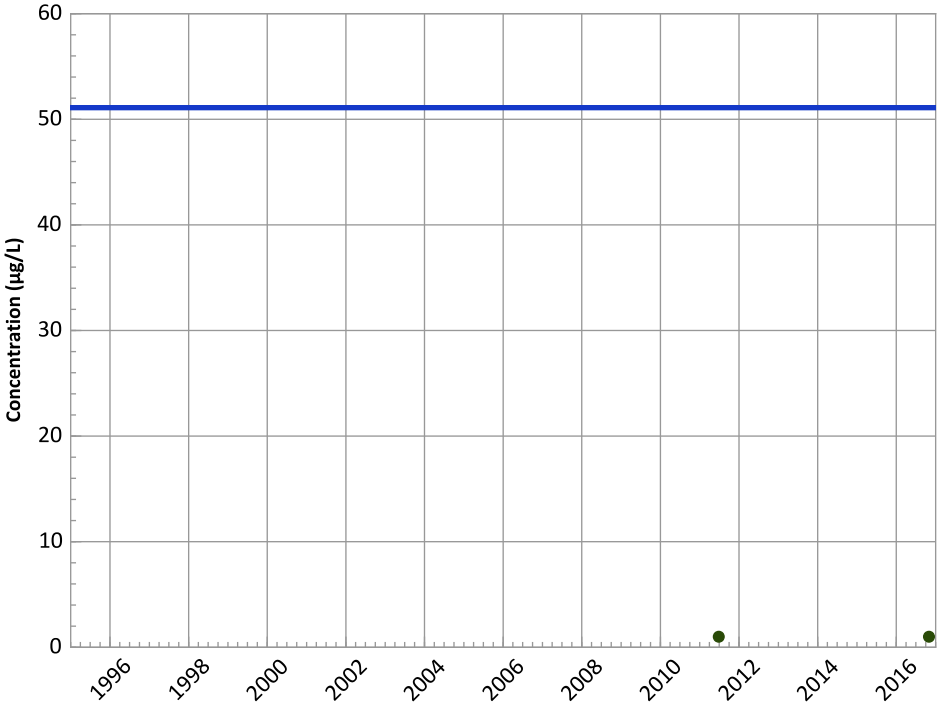
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Bromomethane Trend

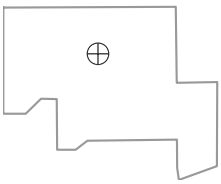


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

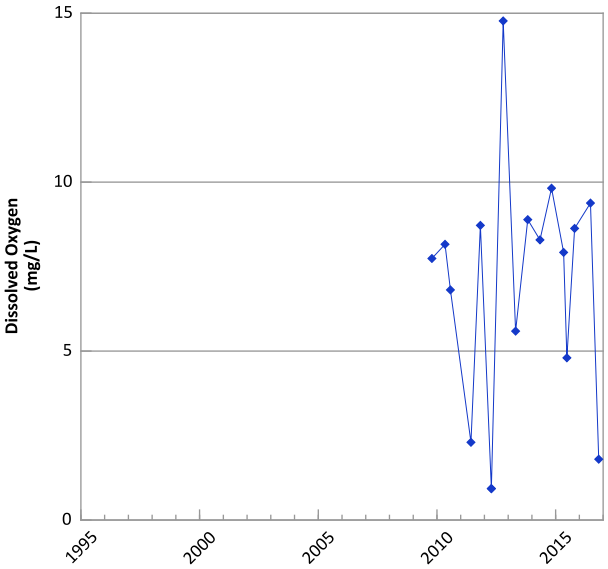
Well Location

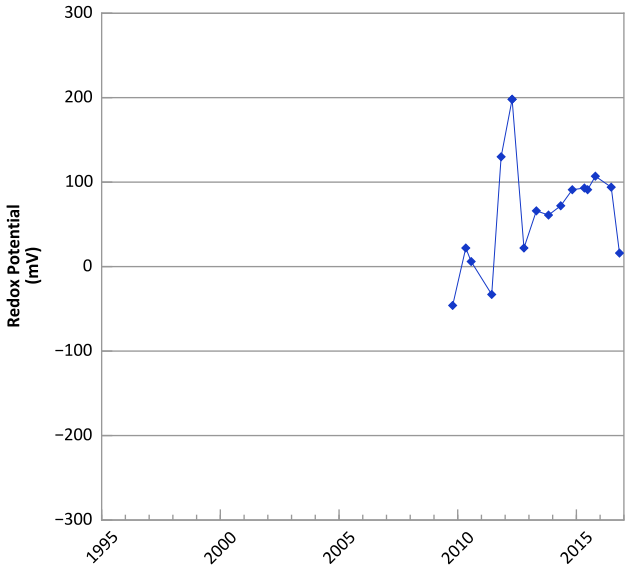


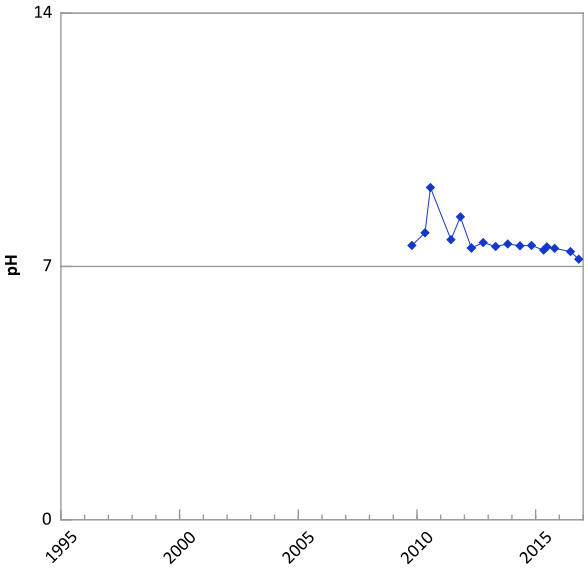
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/14/2009 to 10/31/2016
Analysis Date: 03/07/2017

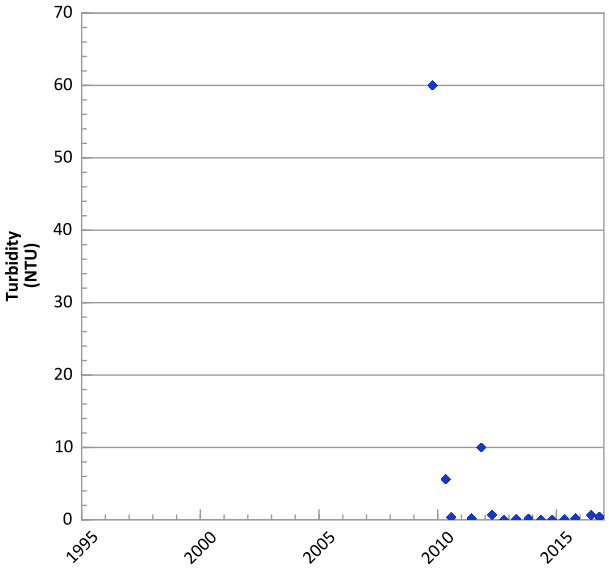
- ▲ Measured Value
- ● Sample Detection Limit
- - - - - Concentration Trend
- ——— Groundwater Protection Standard

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



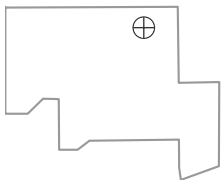






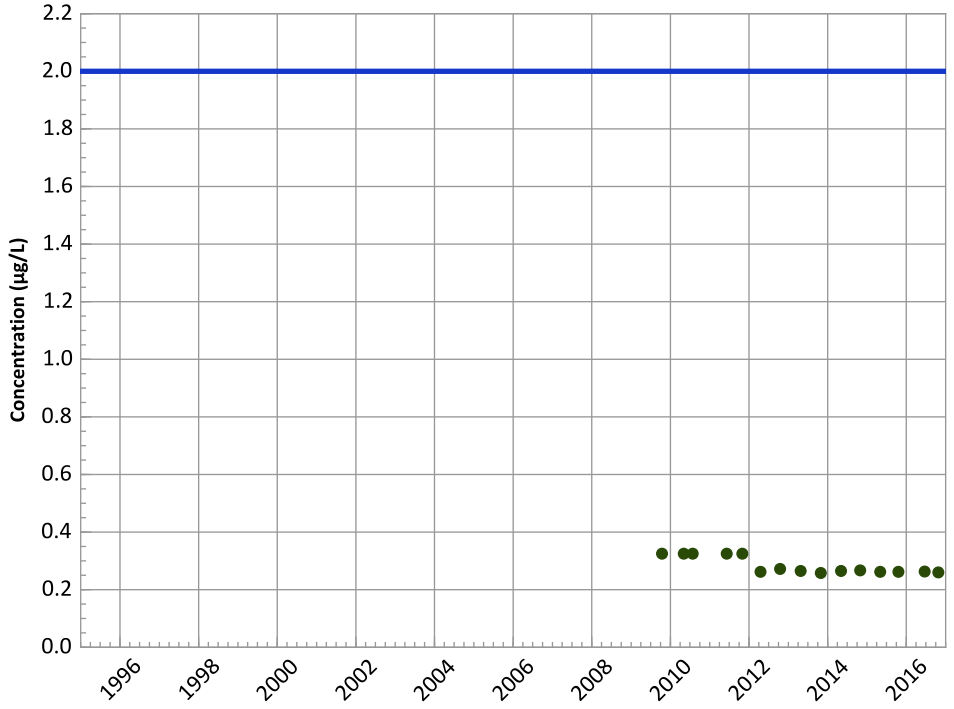
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

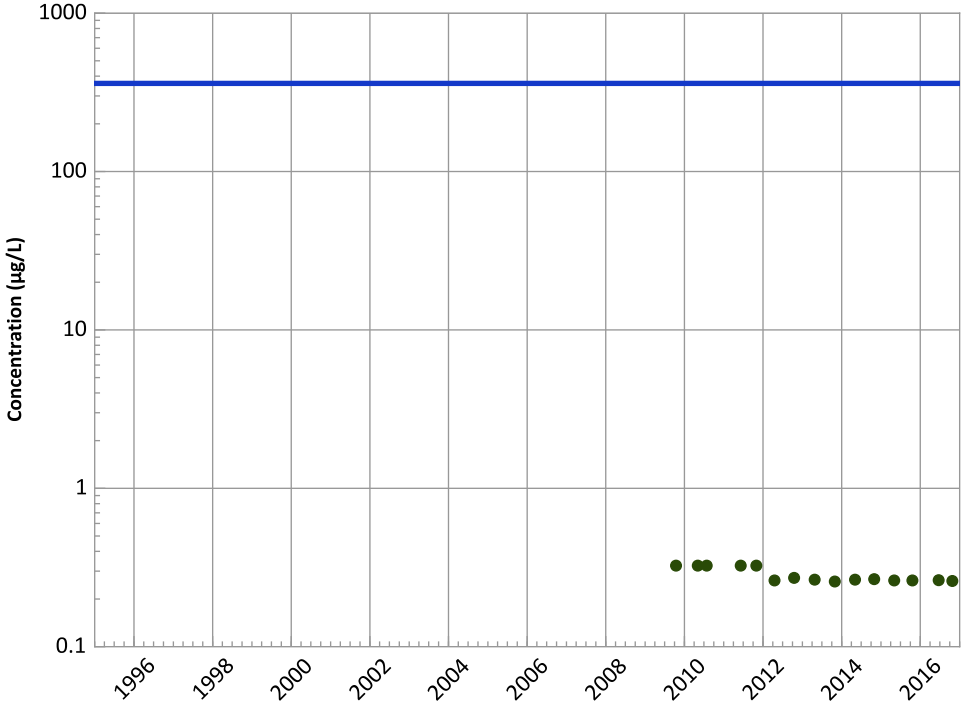


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

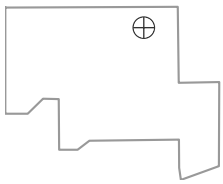
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

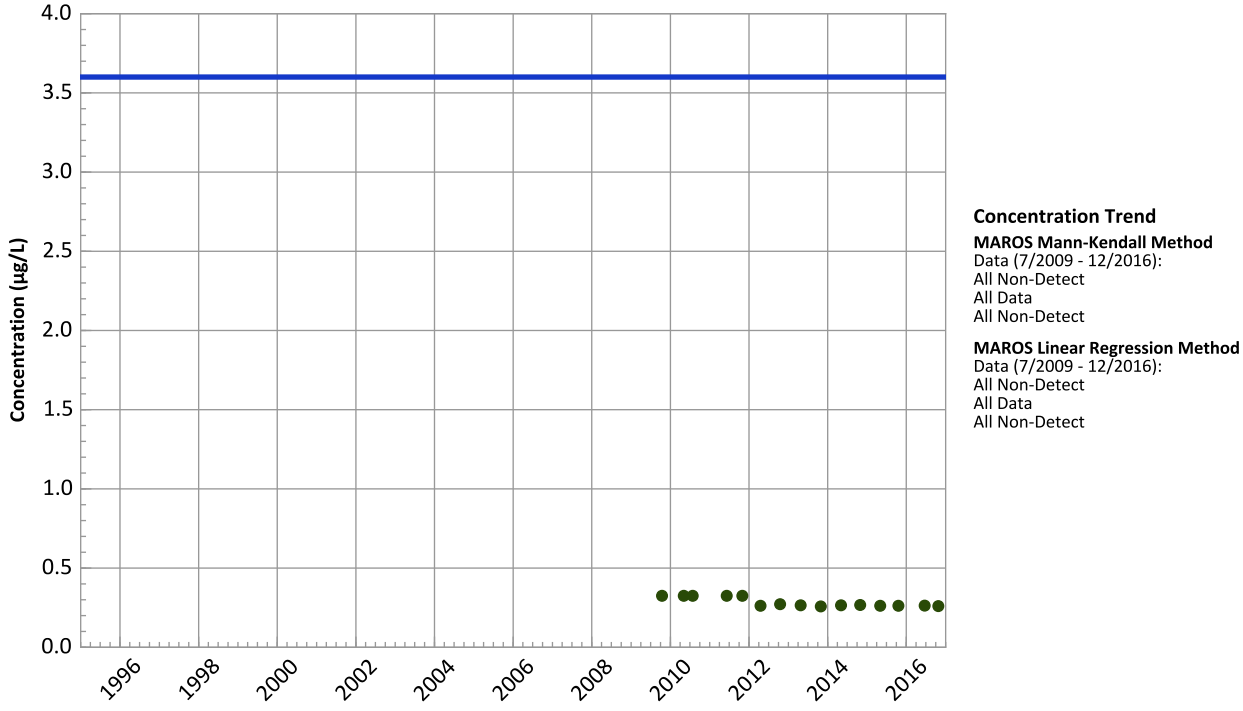
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

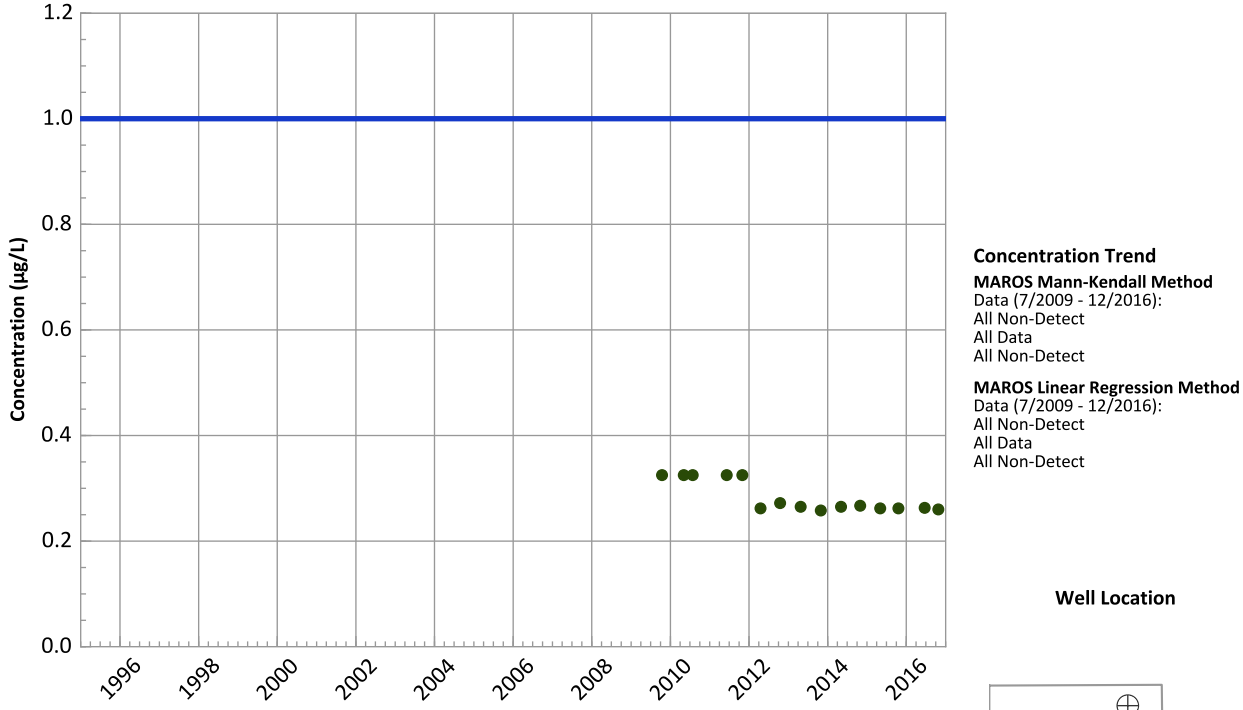


PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



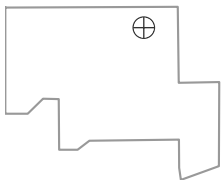
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

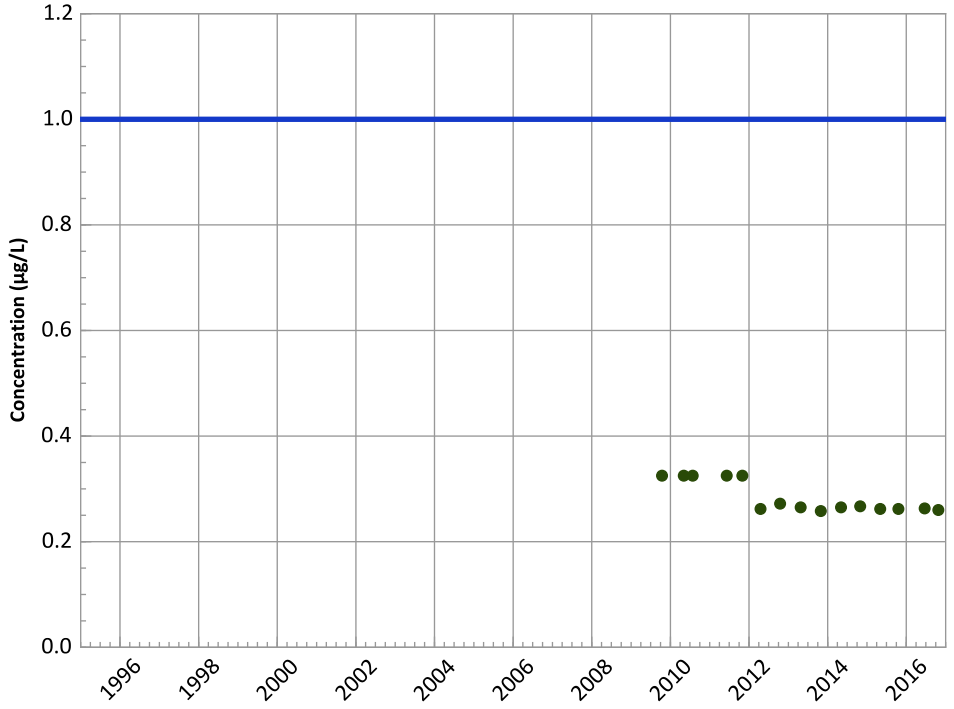
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

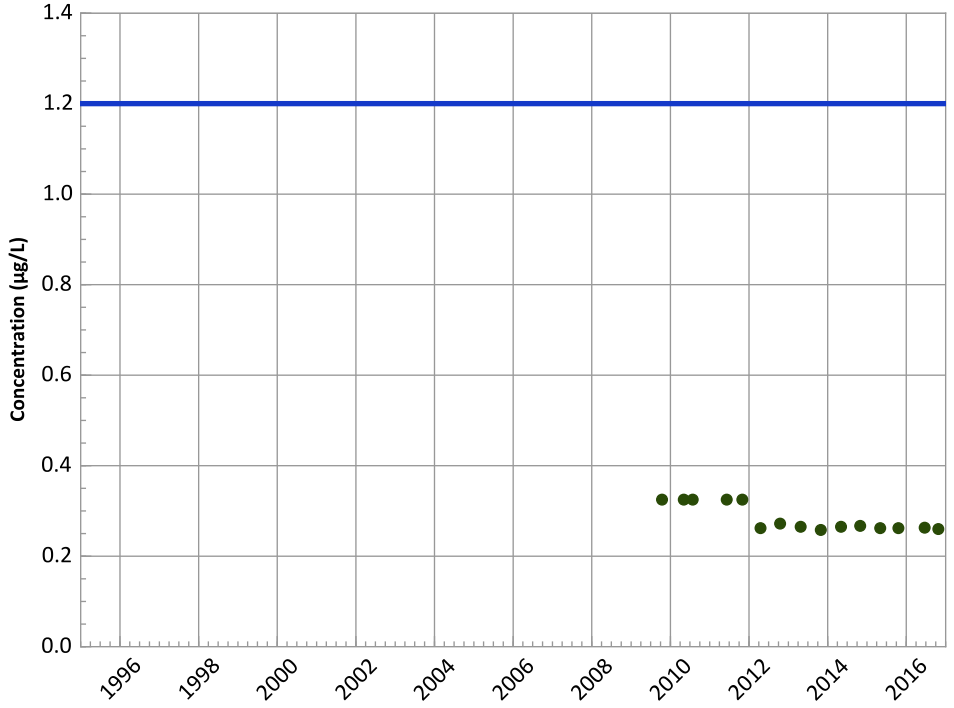


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

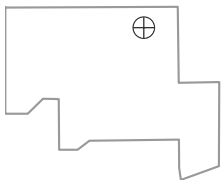
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

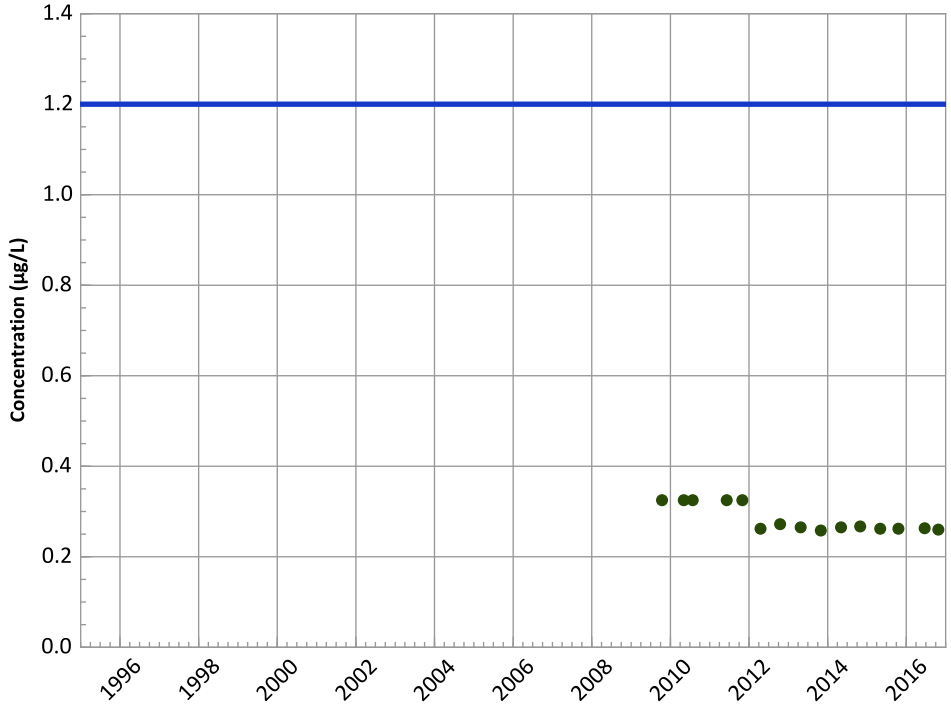
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

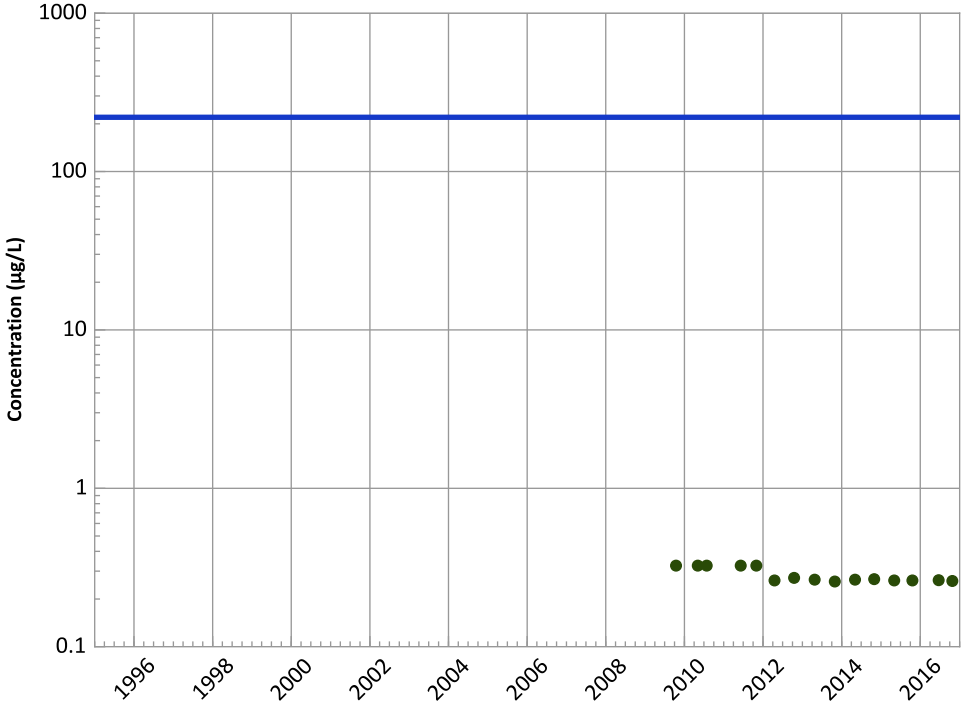


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend

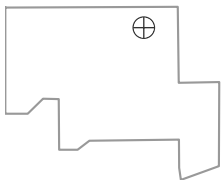


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Well Location

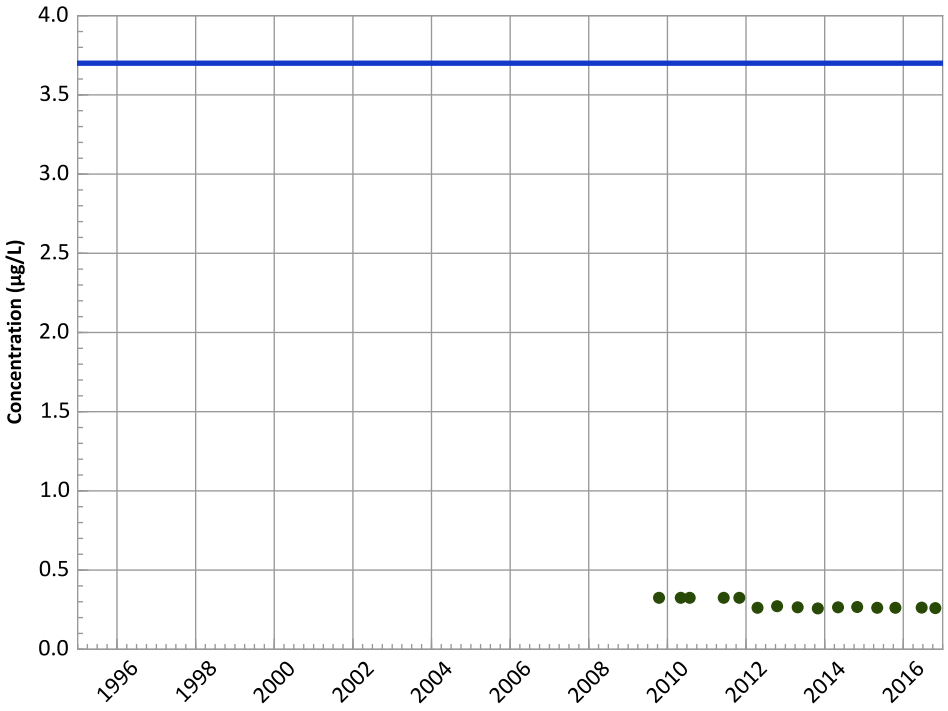


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

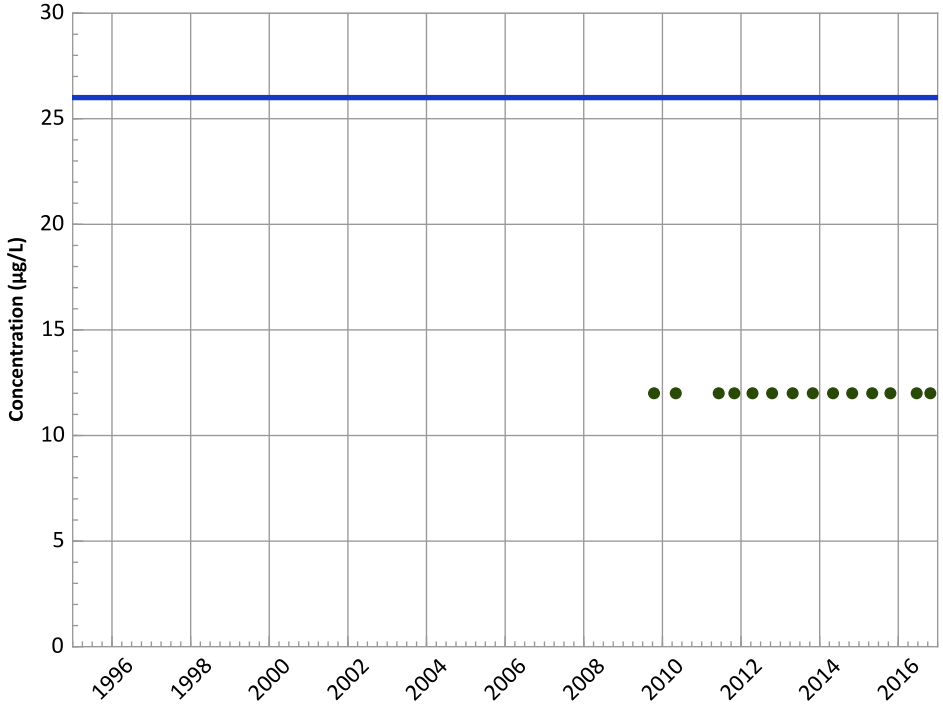


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

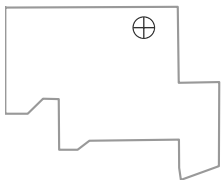
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

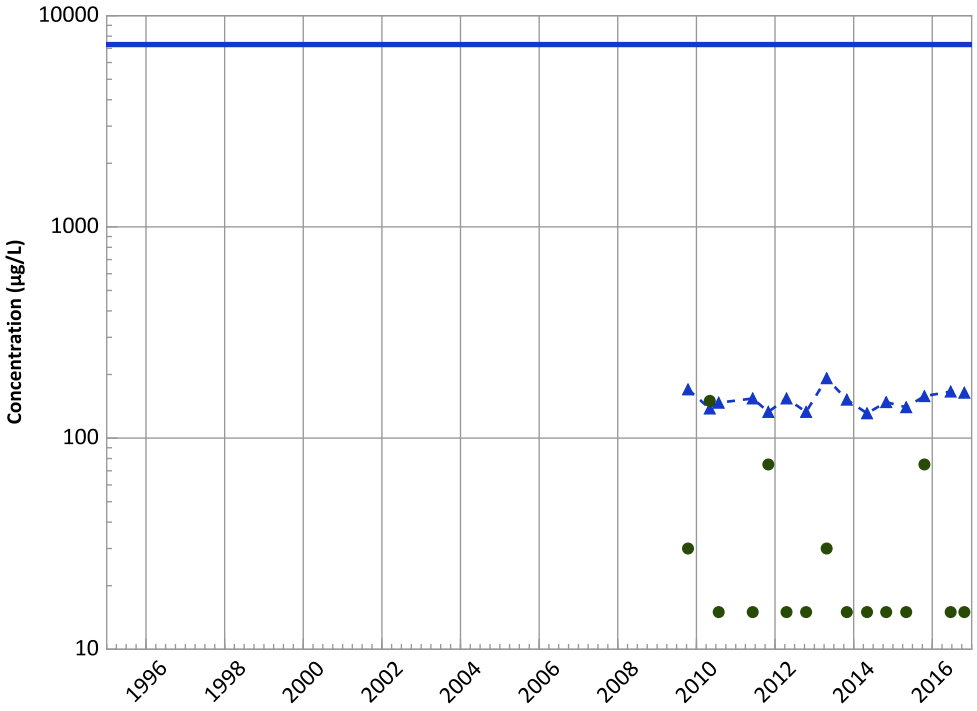
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

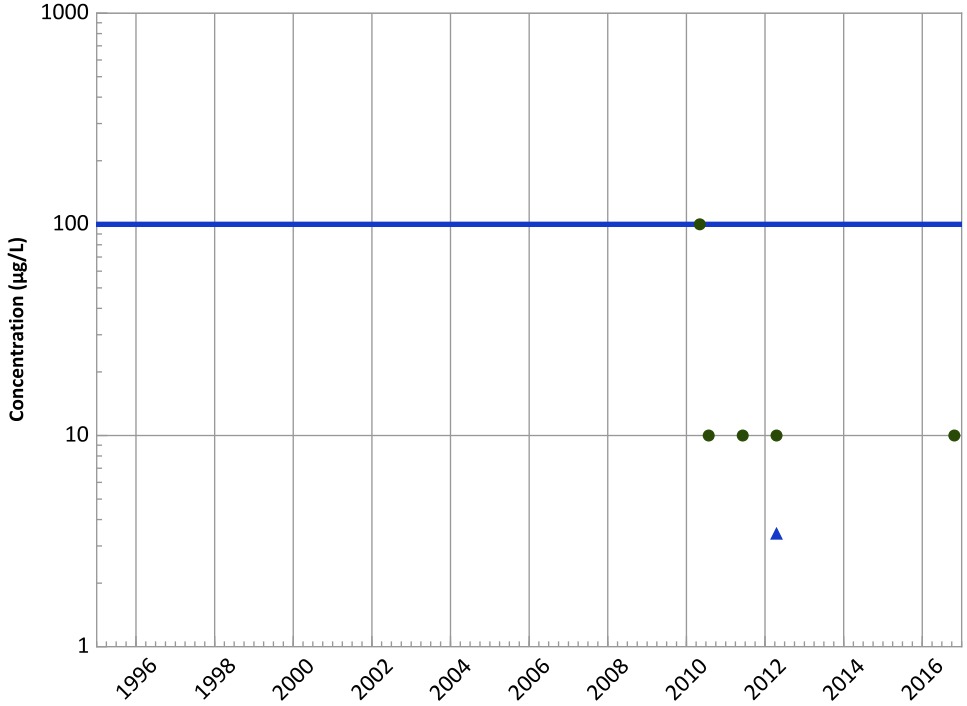


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Chromium, Total Trend



Concentration Trend

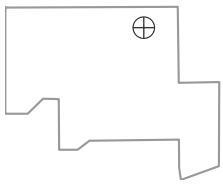
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

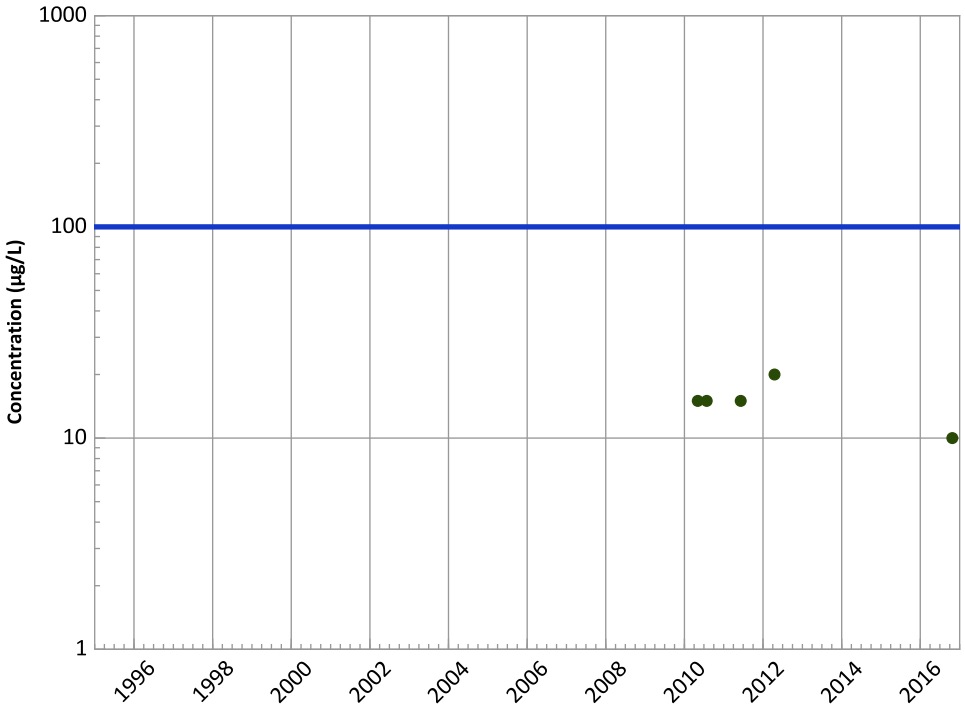
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

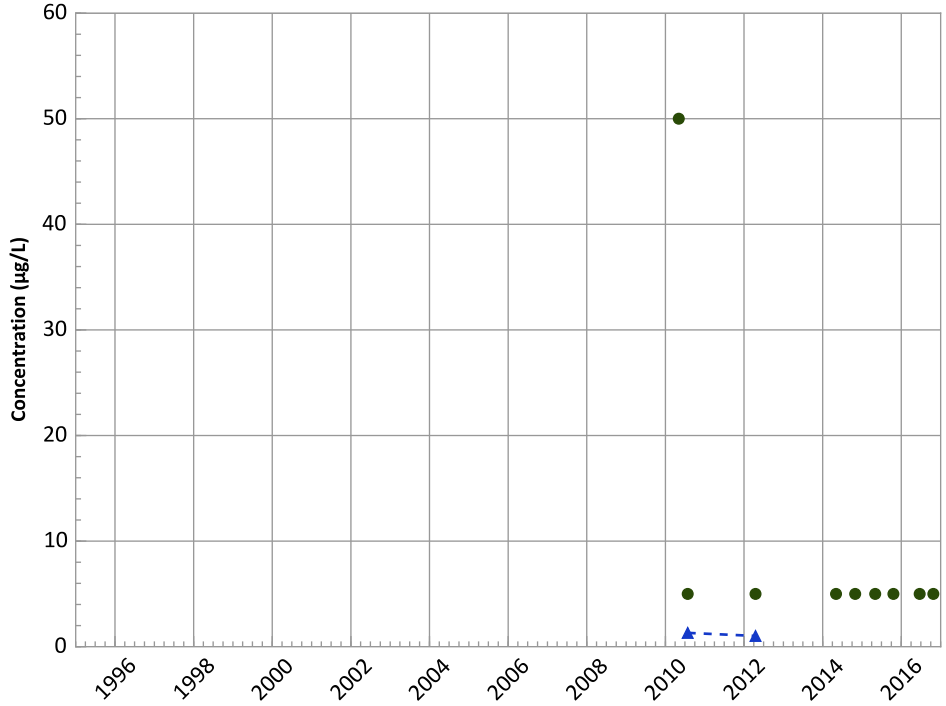


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Manganese Trend



Concentration Trend

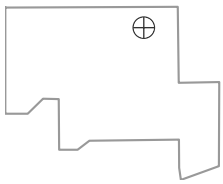
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

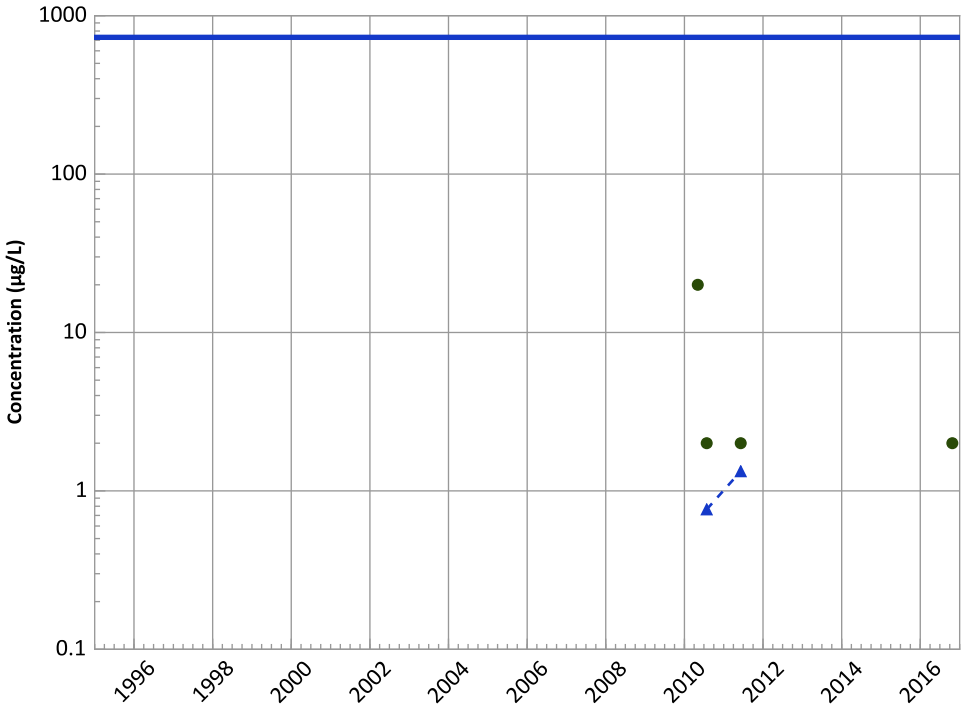
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

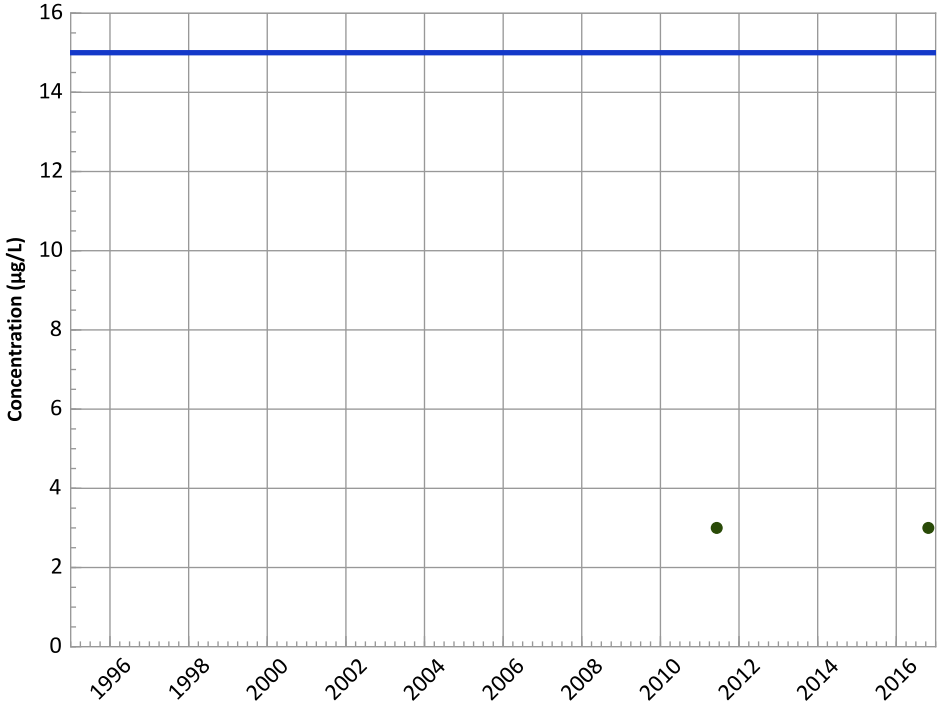


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Antimony Trend



Concentration Trend

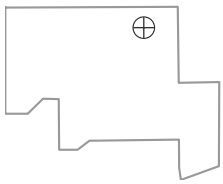
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

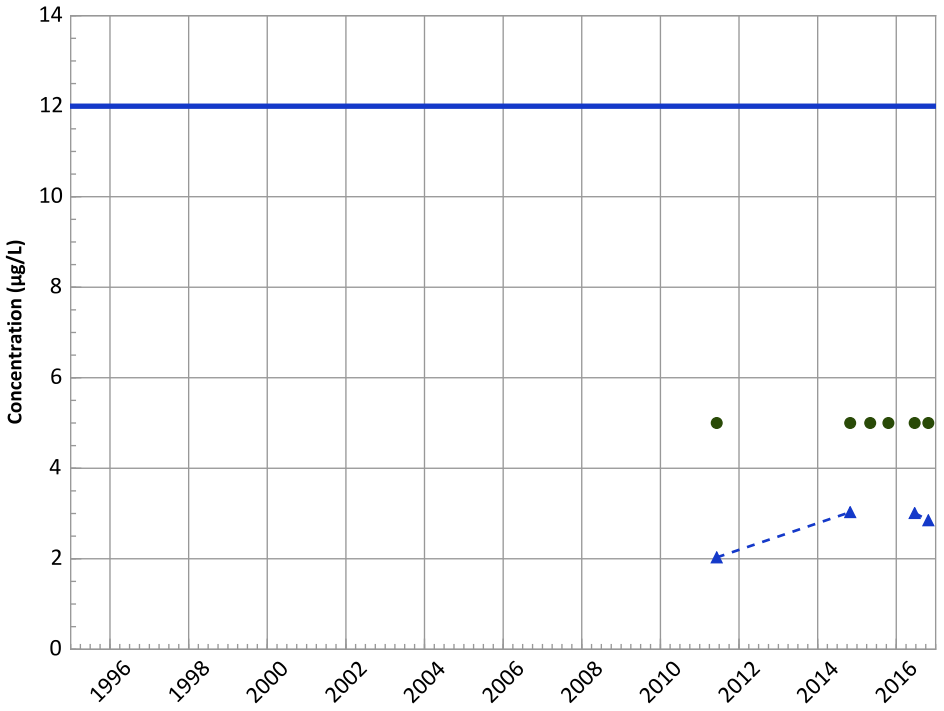
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

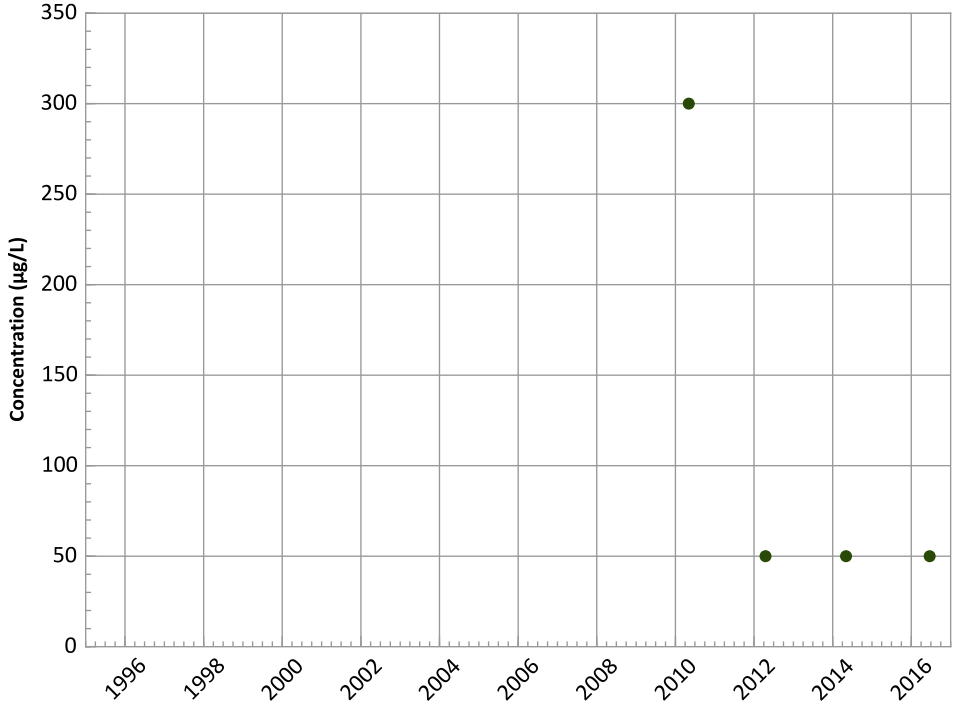


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

Aluminum Trend



Concentration Trend

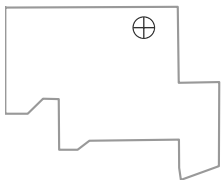
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

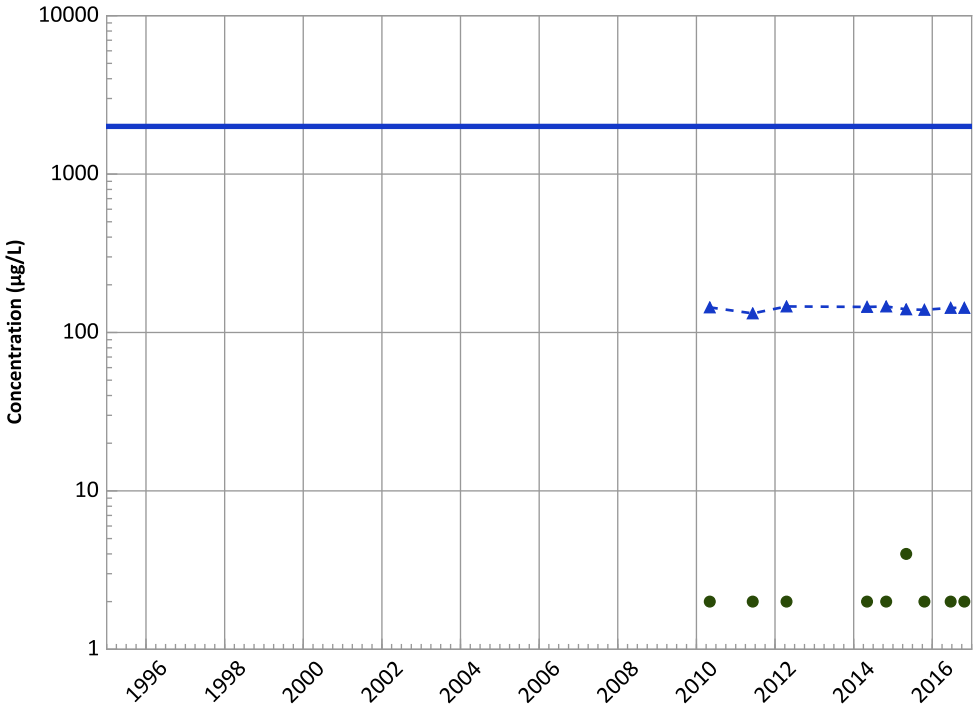
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

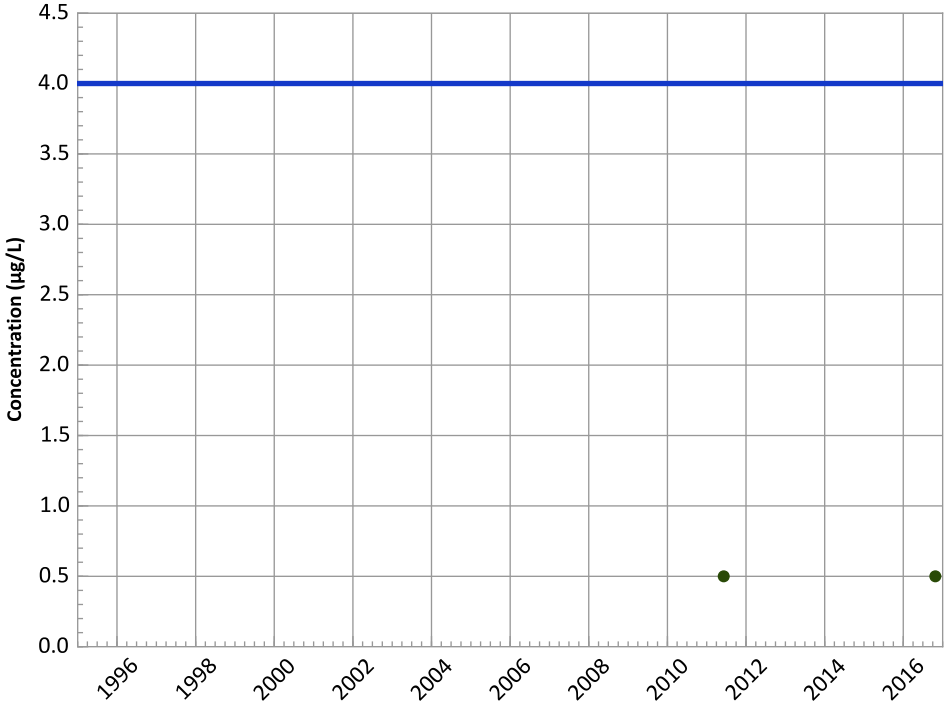


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Beryllium Trend



Concentration Trend

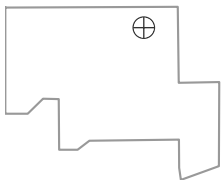
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

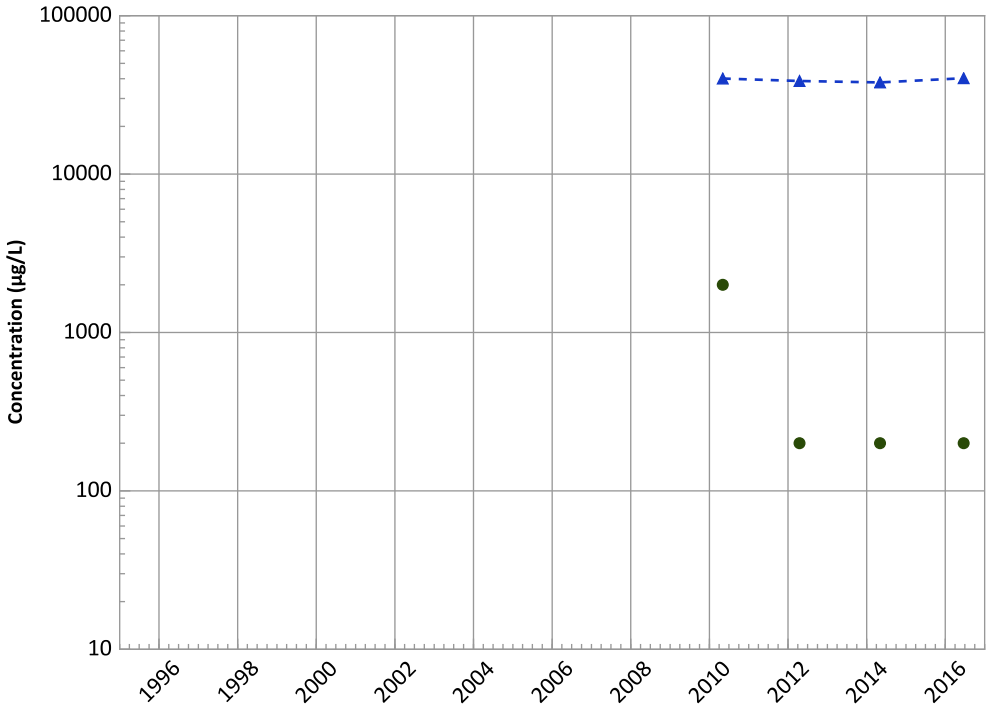
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

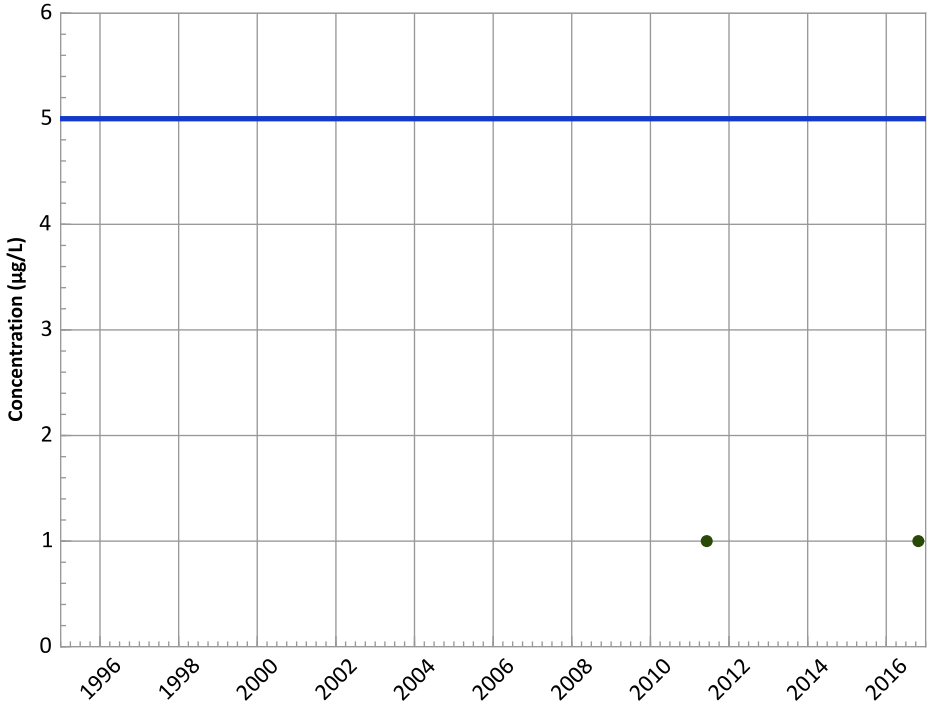


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Cadmium Trend



Concentration Trend

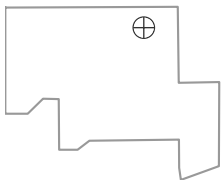
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

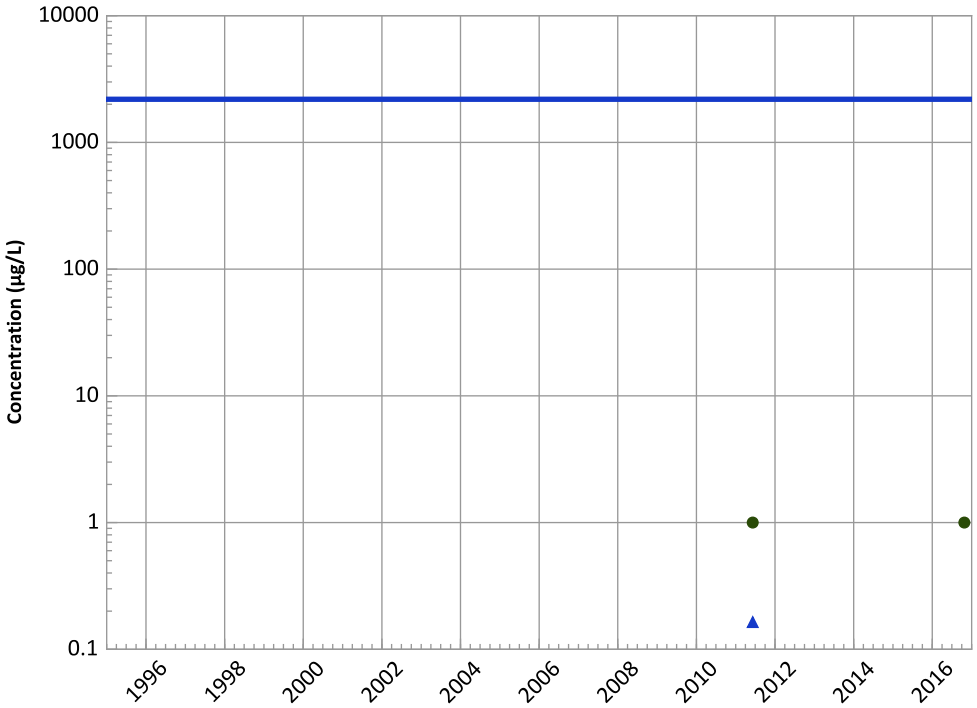
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Cobalt Trend

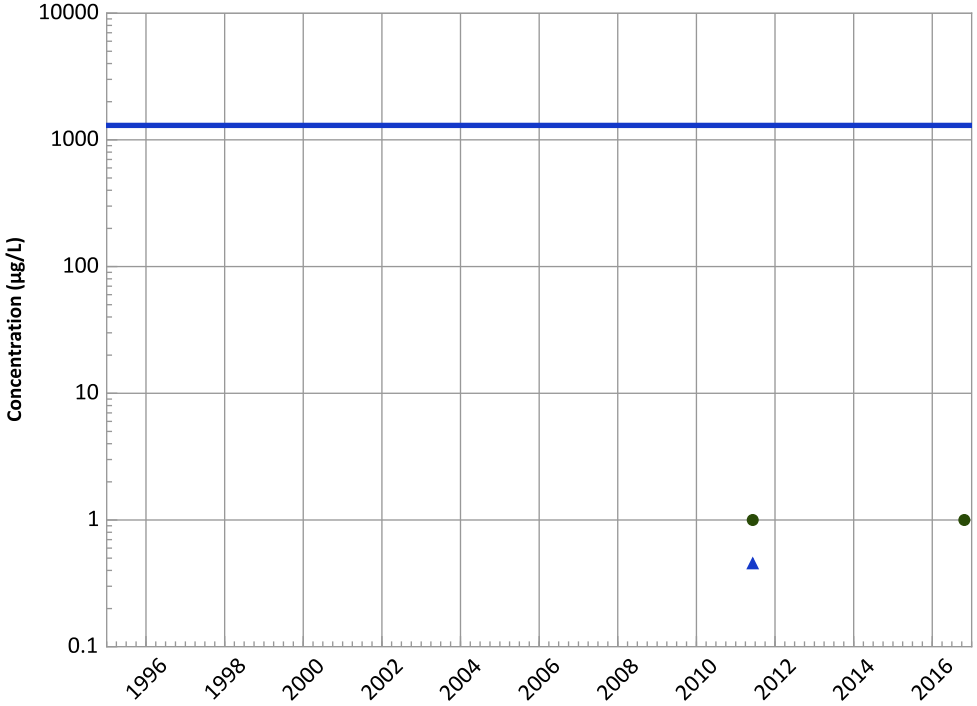


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Copper Trend



Concentration Trend

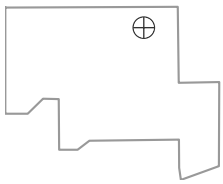
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

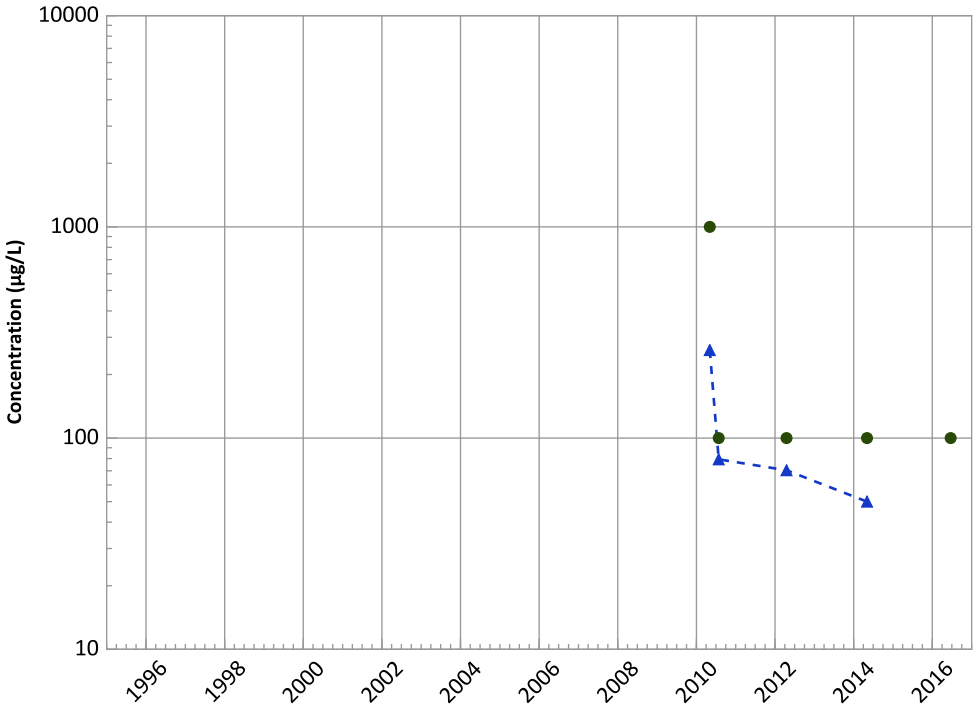
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

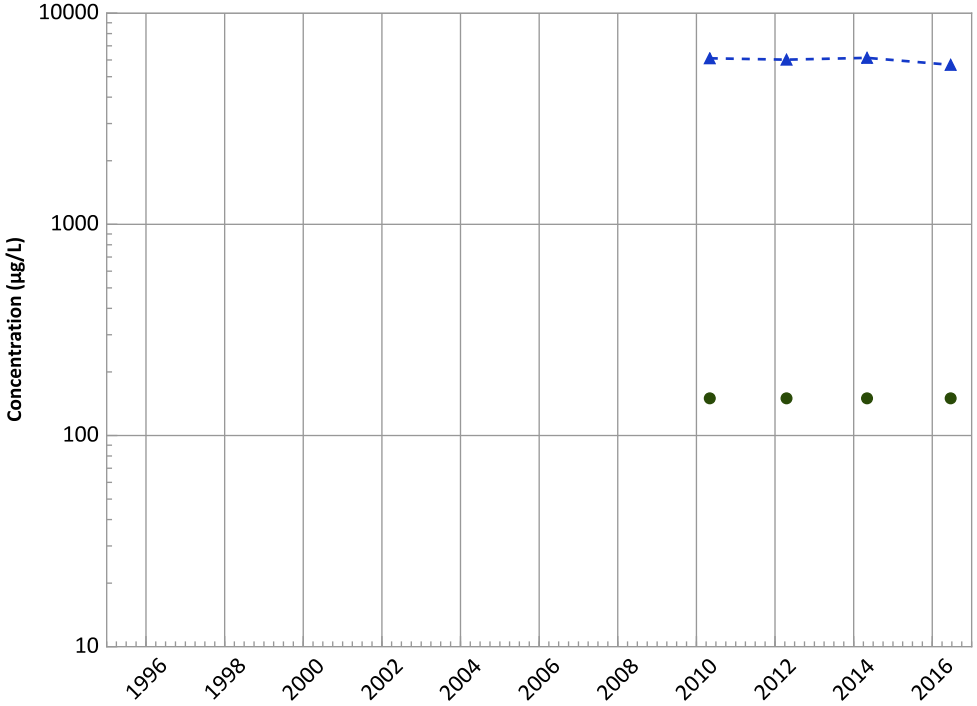


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Potassium Trend



Concentration Trend

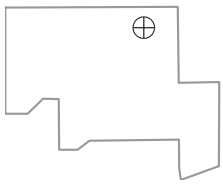
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

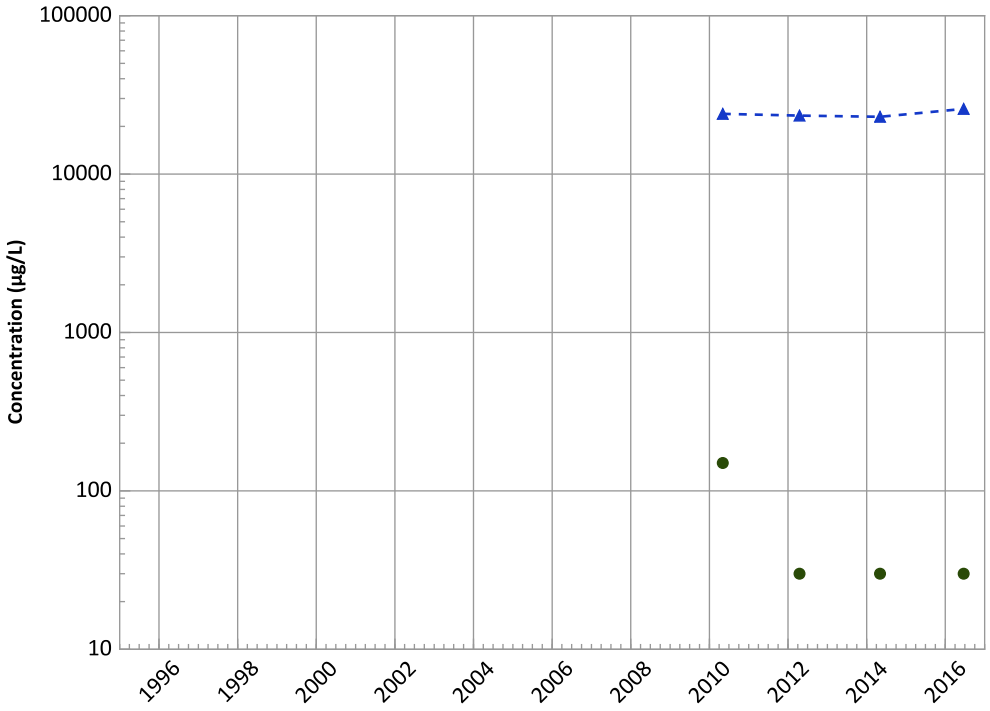
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

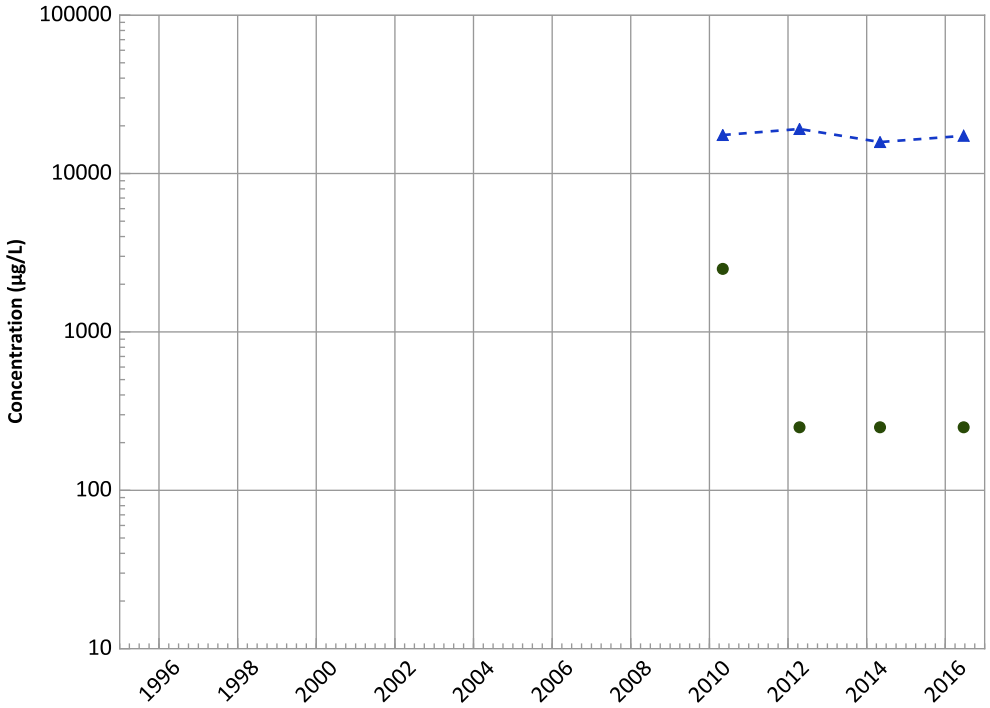


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Sodium Trend



Concentration Trend

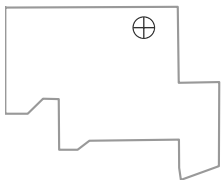
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

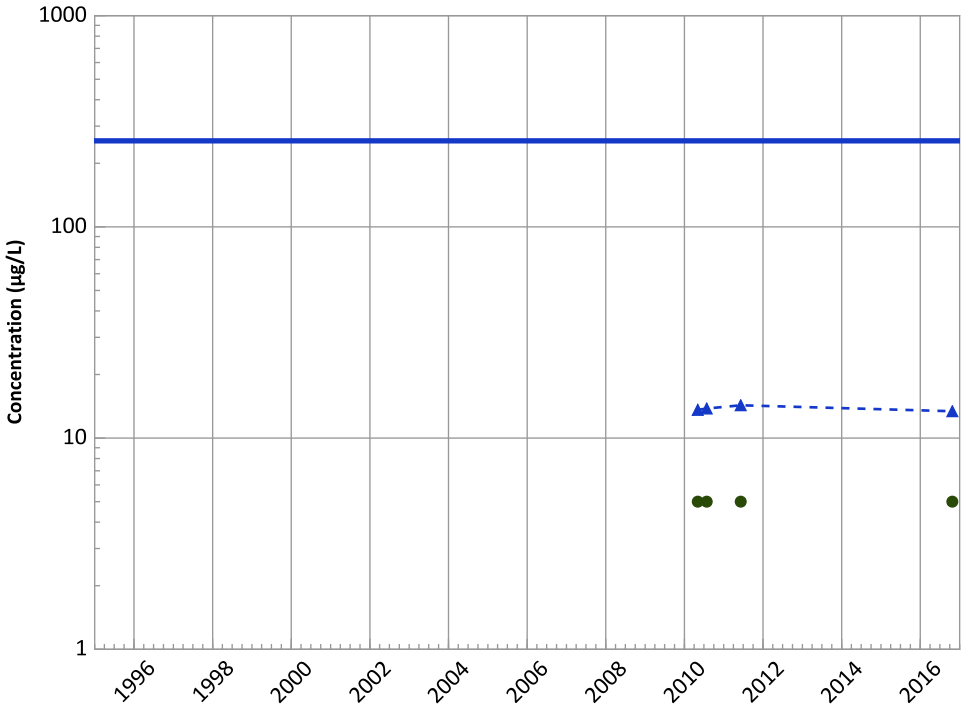
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

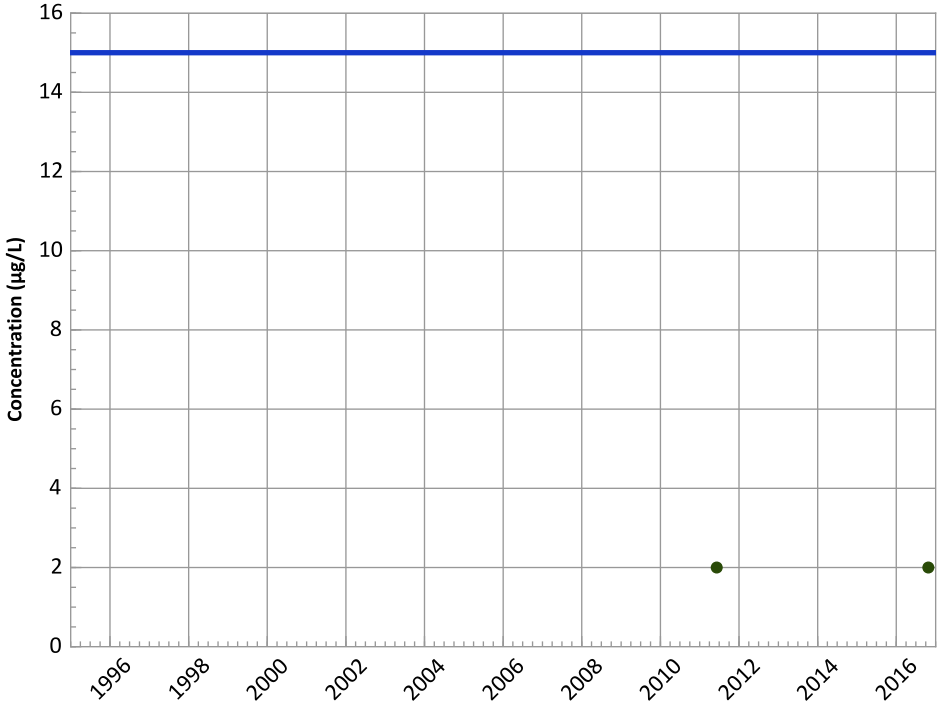


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Lead Trend



Concentration Trend

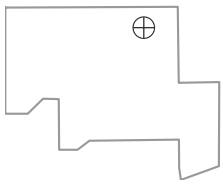
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

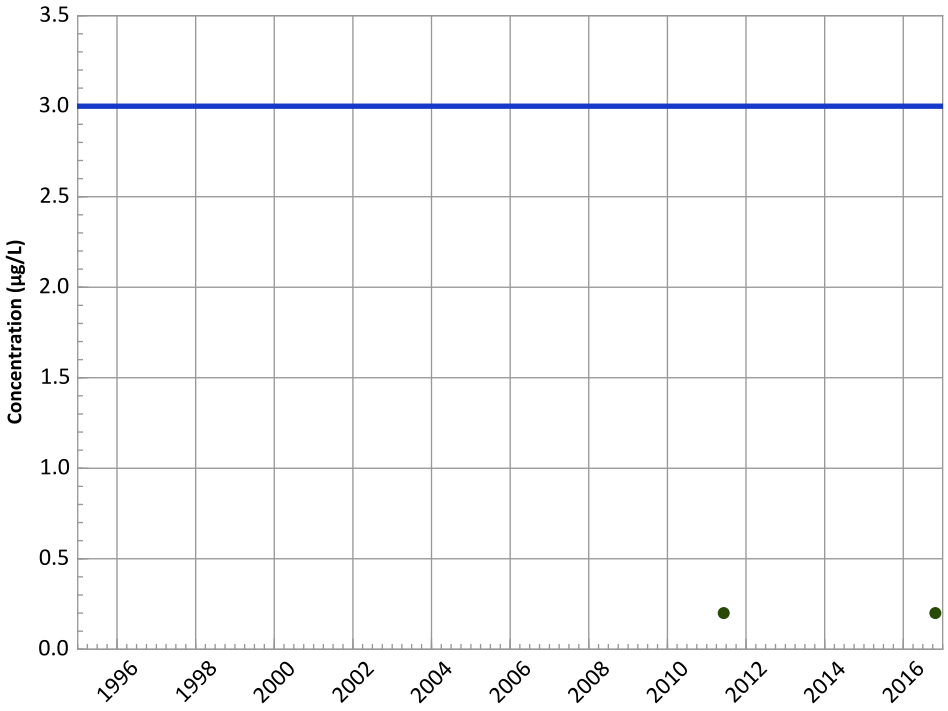
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Mercury Trend

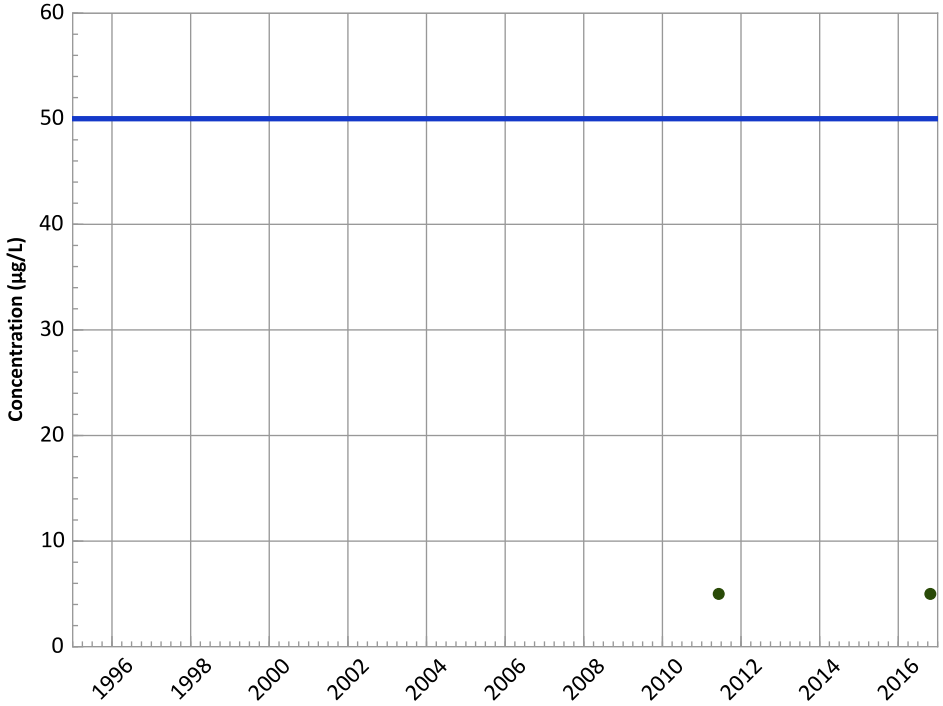


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Selenium Trend



Concentration Trend

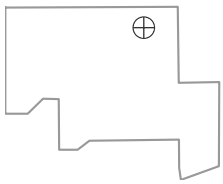
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

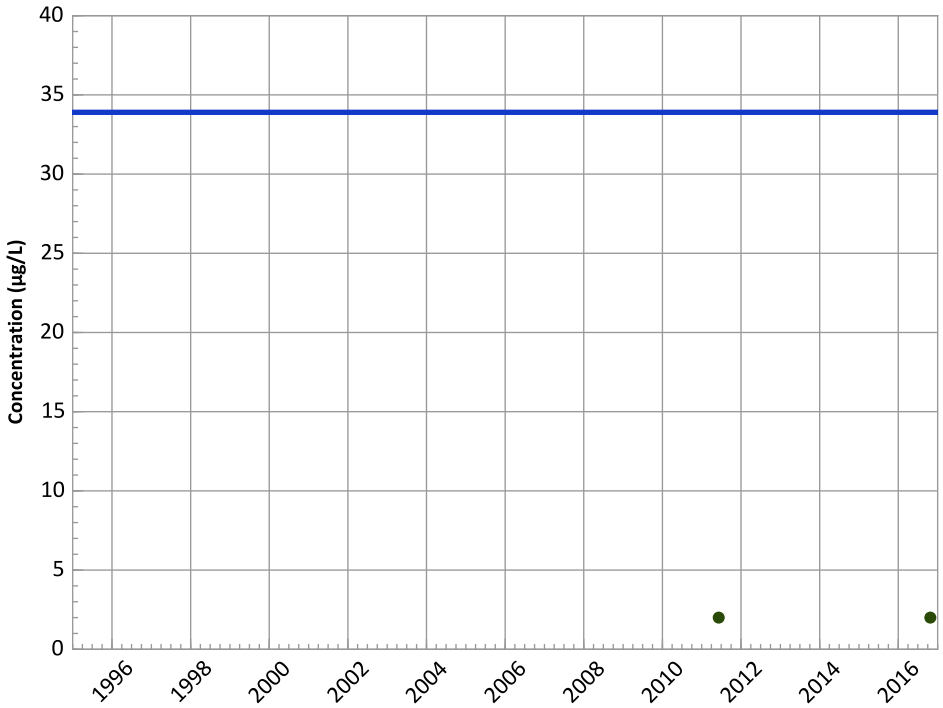
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Thallium Trend

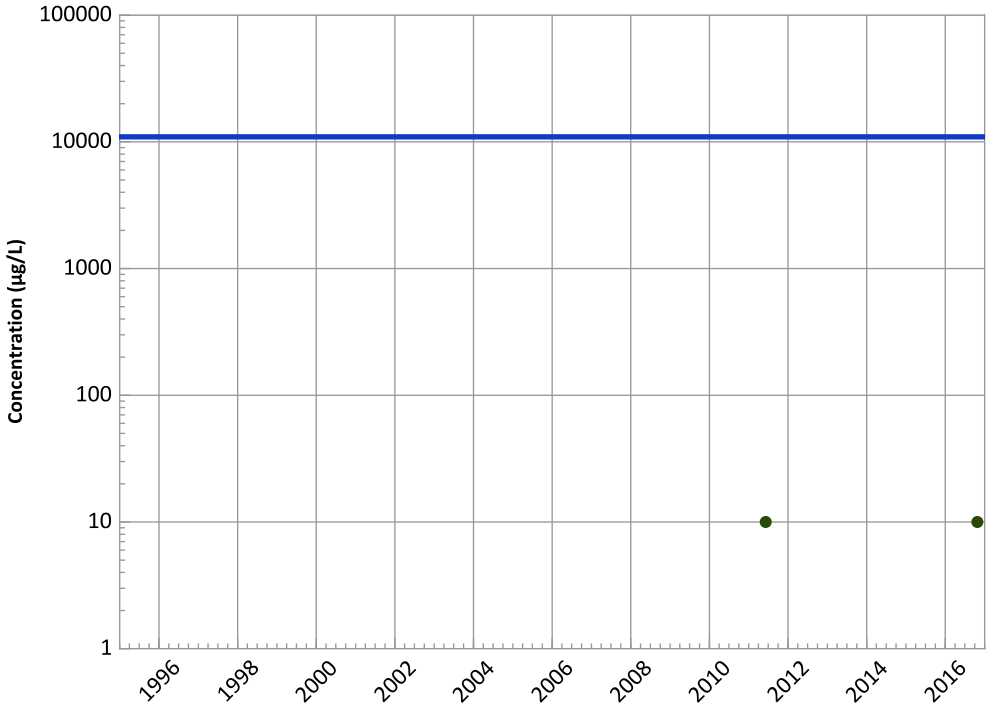


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Zinc Trend



Concentration Trend

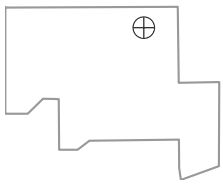
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

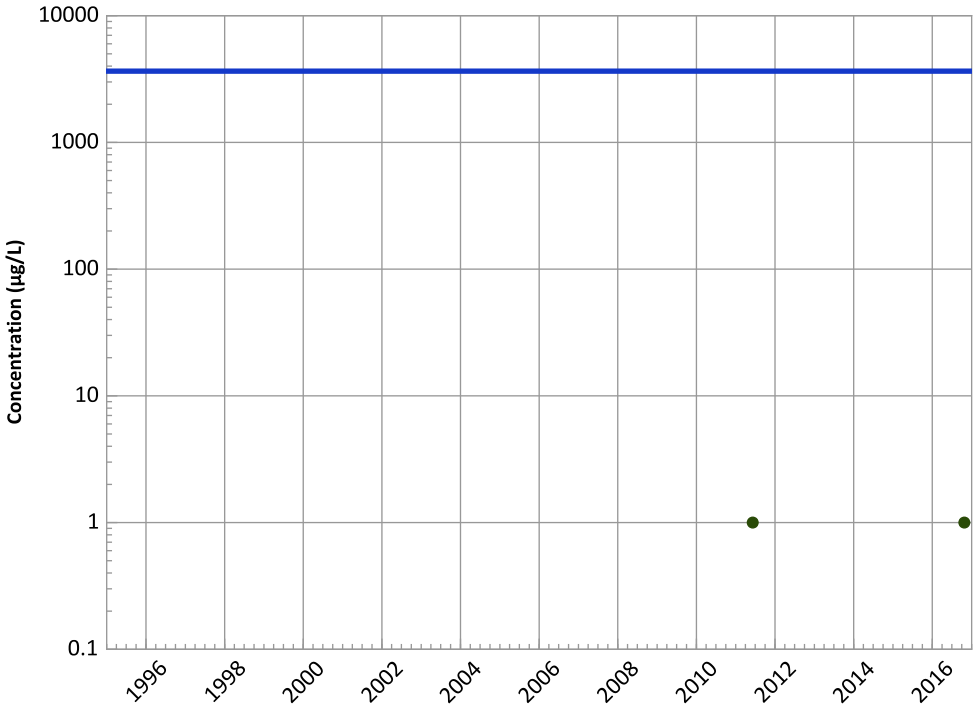
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1-Dichloroethane Trend

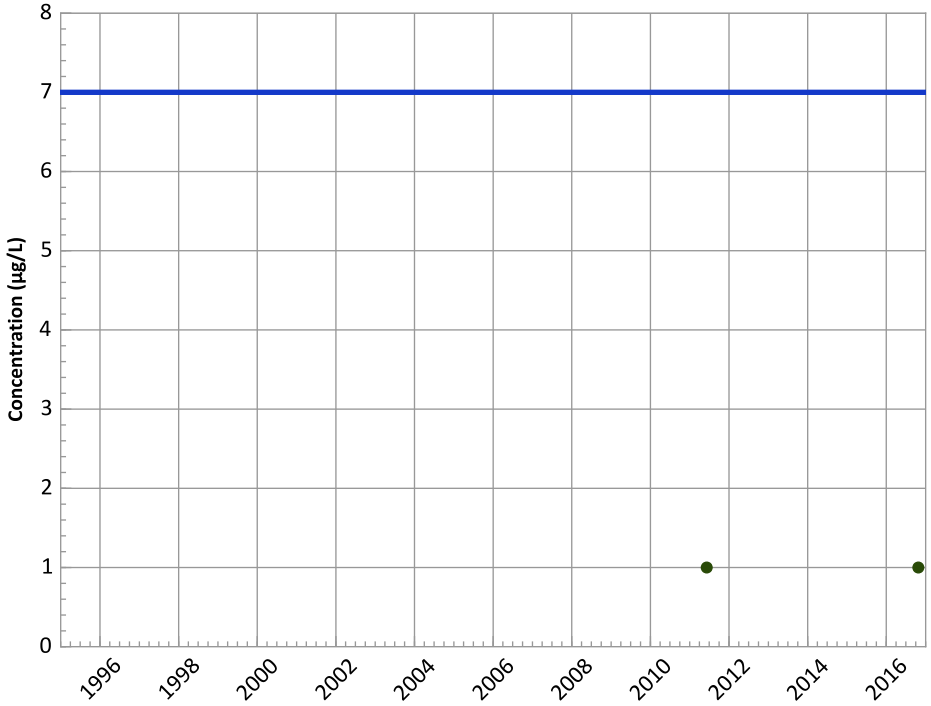


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1-Dichloroethene Trend



Concentration Trend

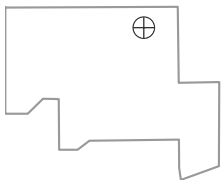
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

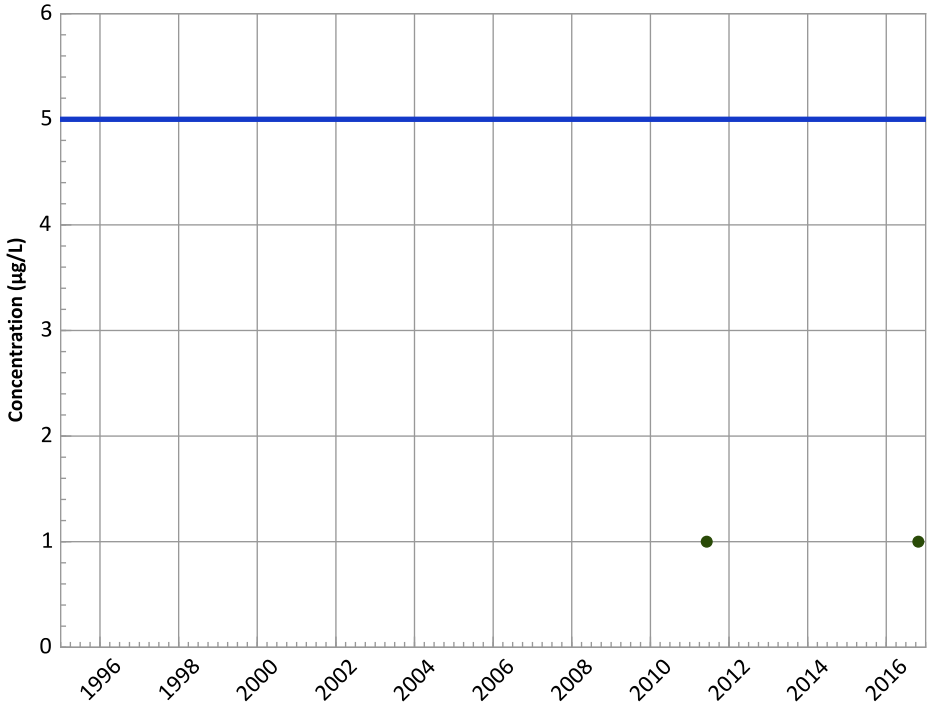
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1,2,2-Tetrachloroethane Trend

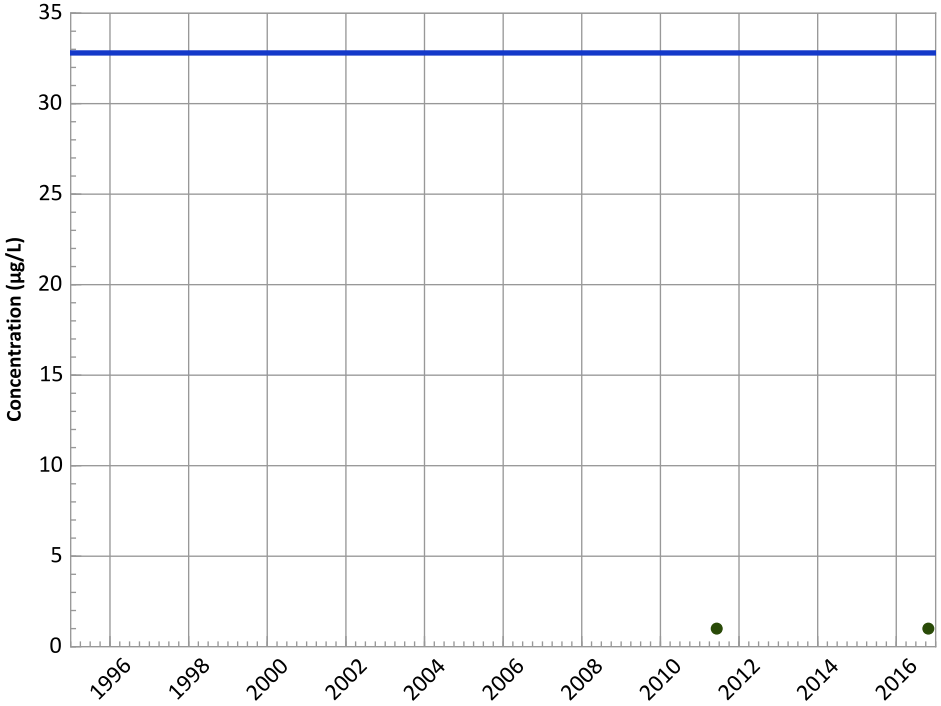


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1,1,2-Tetrachloroethane Trend

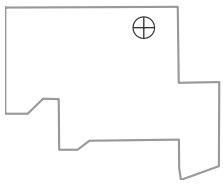


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Well Location

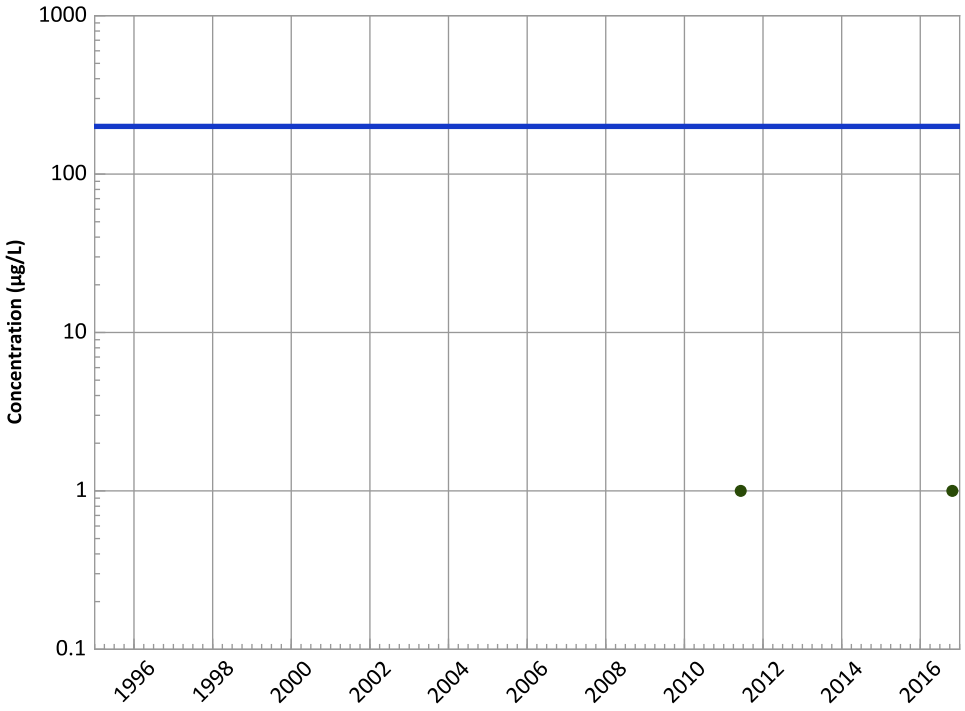


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1,1-Trichloroethane Trend

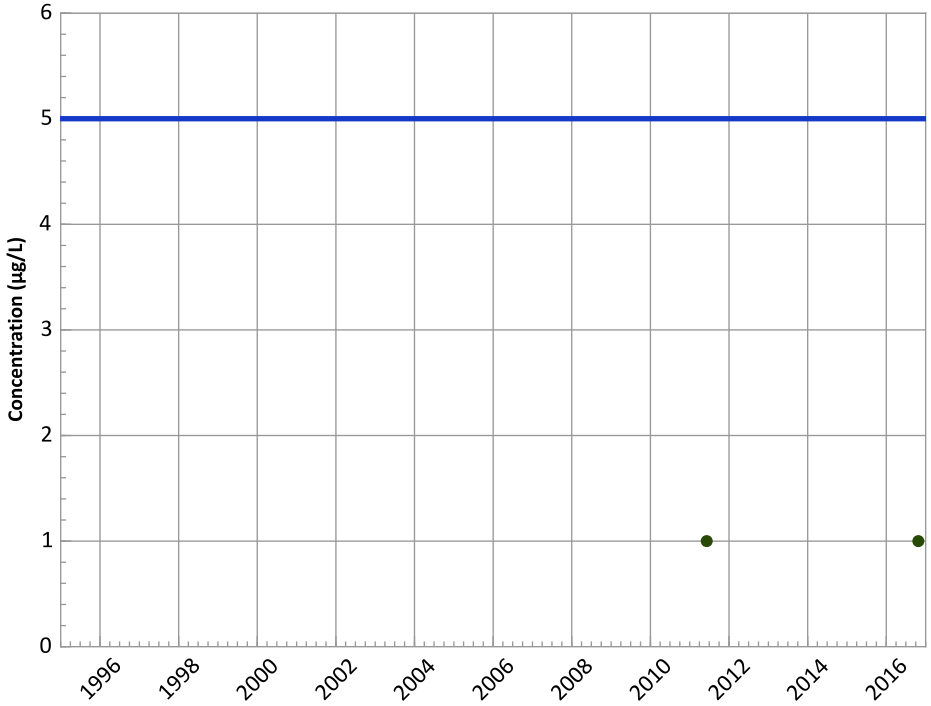


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1,2-Trichloroethane Trend



Concentration Trend

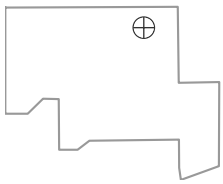
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

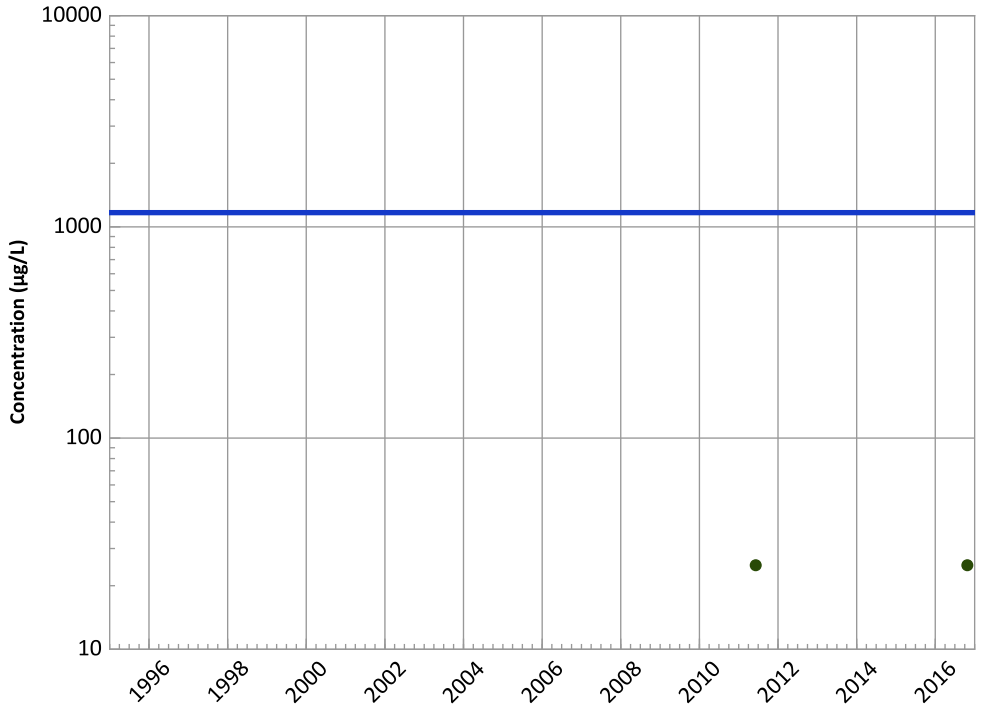
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Acetonitrile Trend

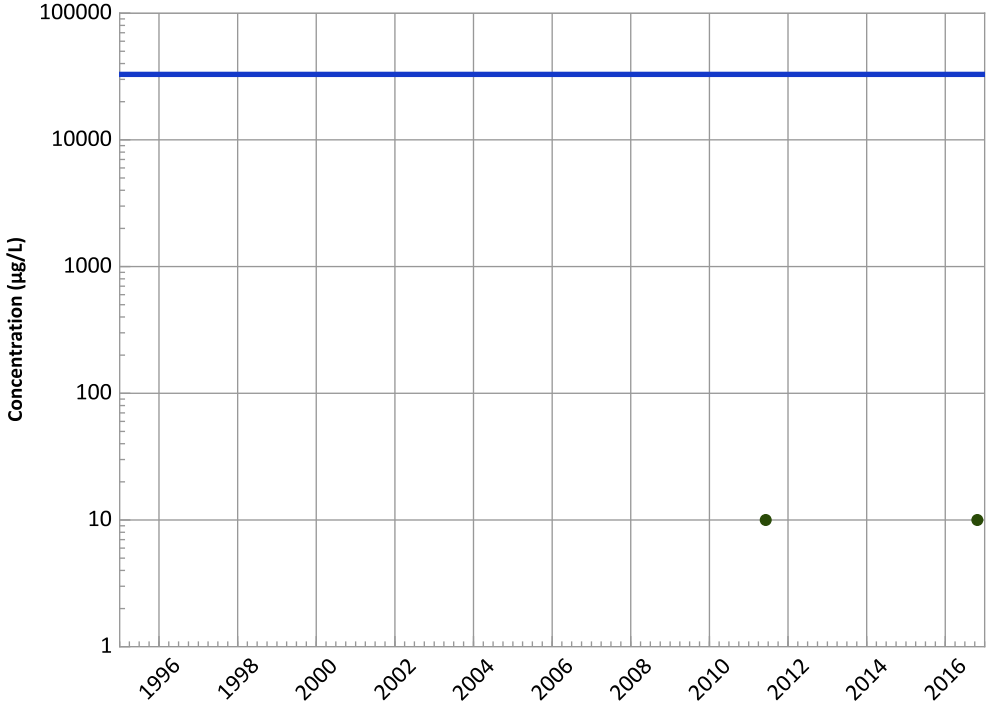


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Acetone Trend



Concentration Trend

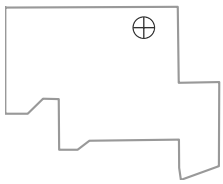
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

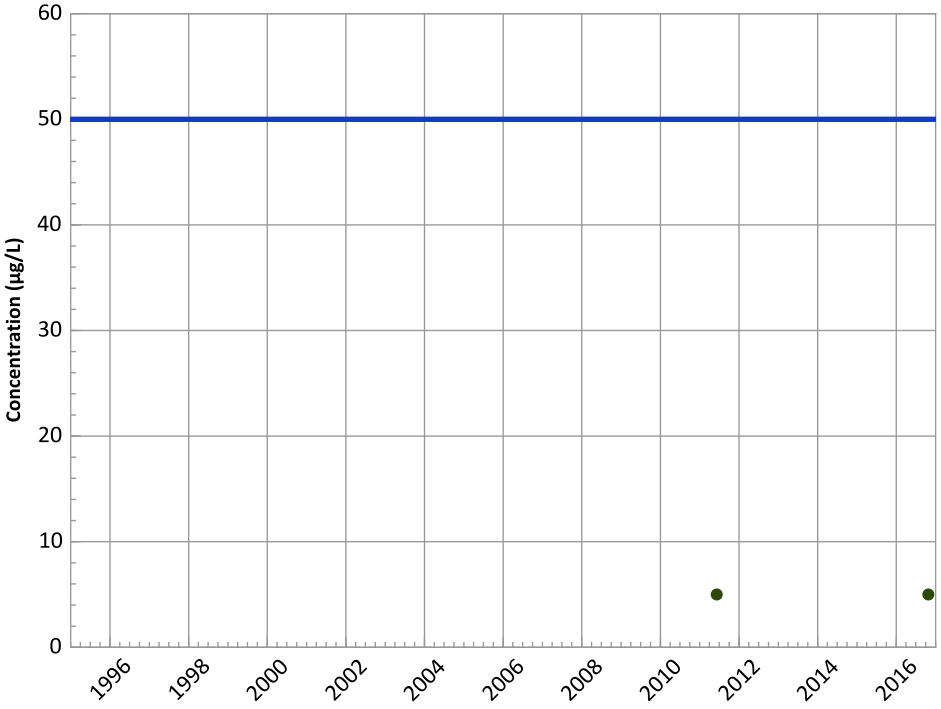
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Acrolein Trend

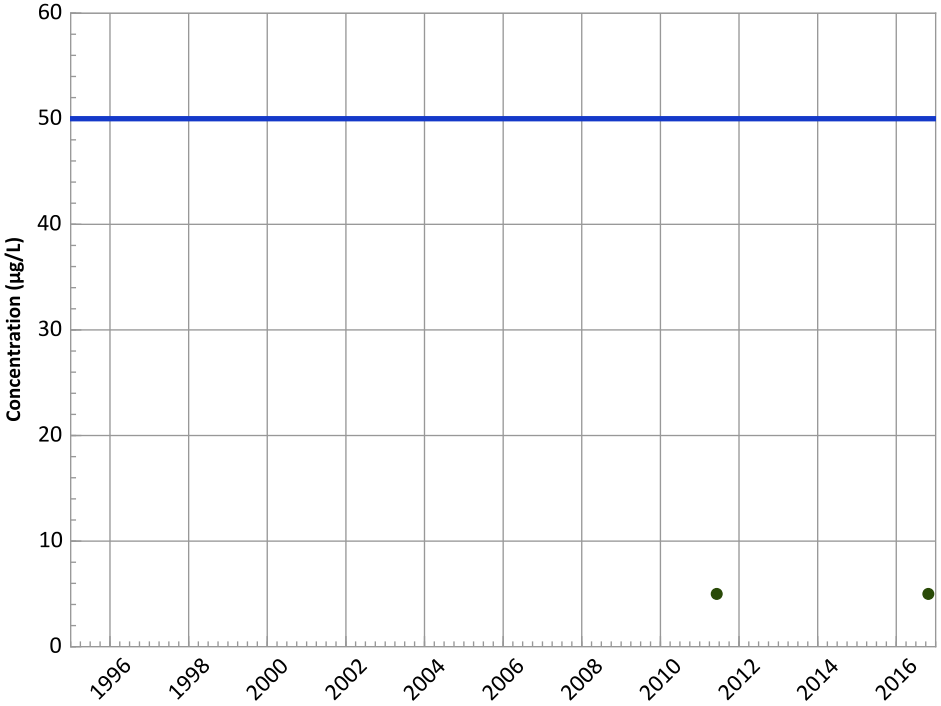


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Acrylonitrile Trend

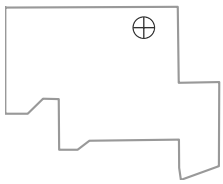


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Well Location

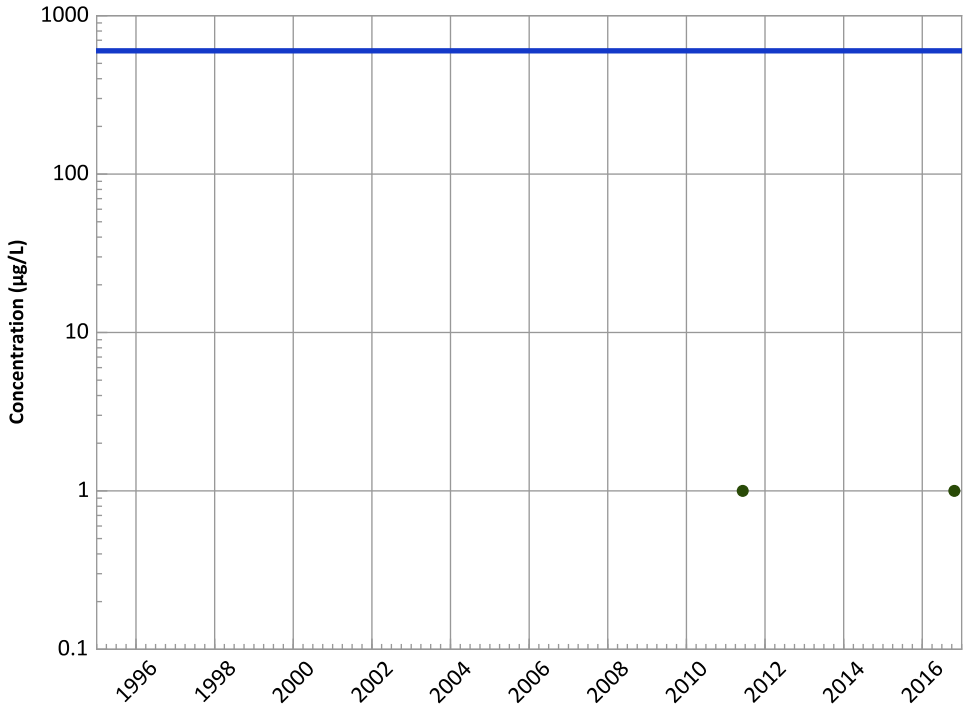


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichlorobenzene Trend

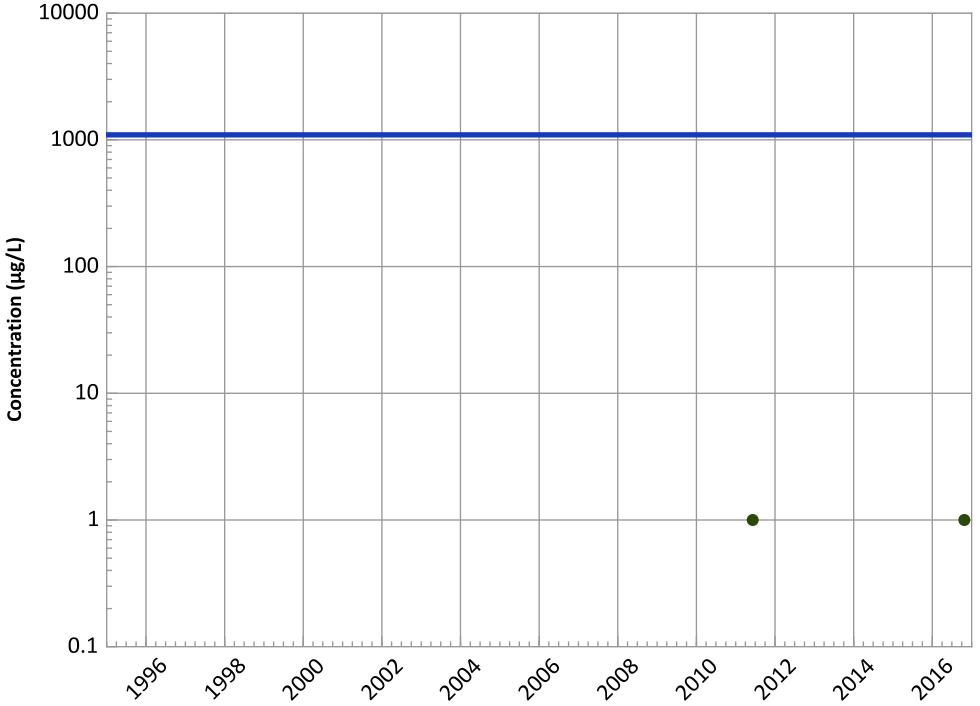


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,3-Dichlorobenzene Trend



Concentration Trend

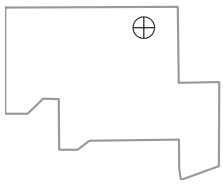
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

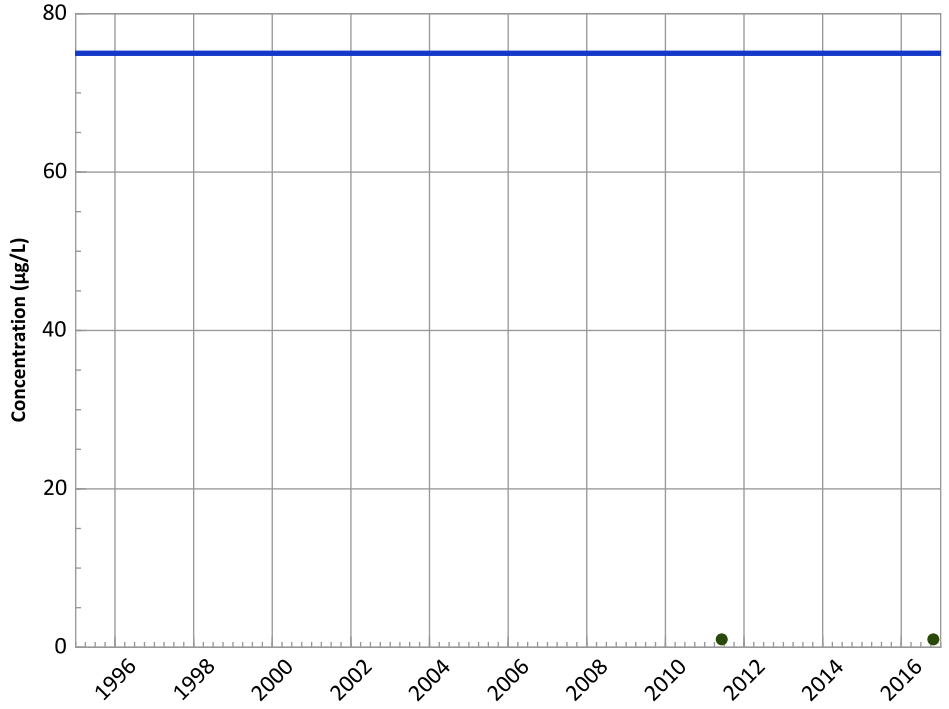
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,4-Dichlorobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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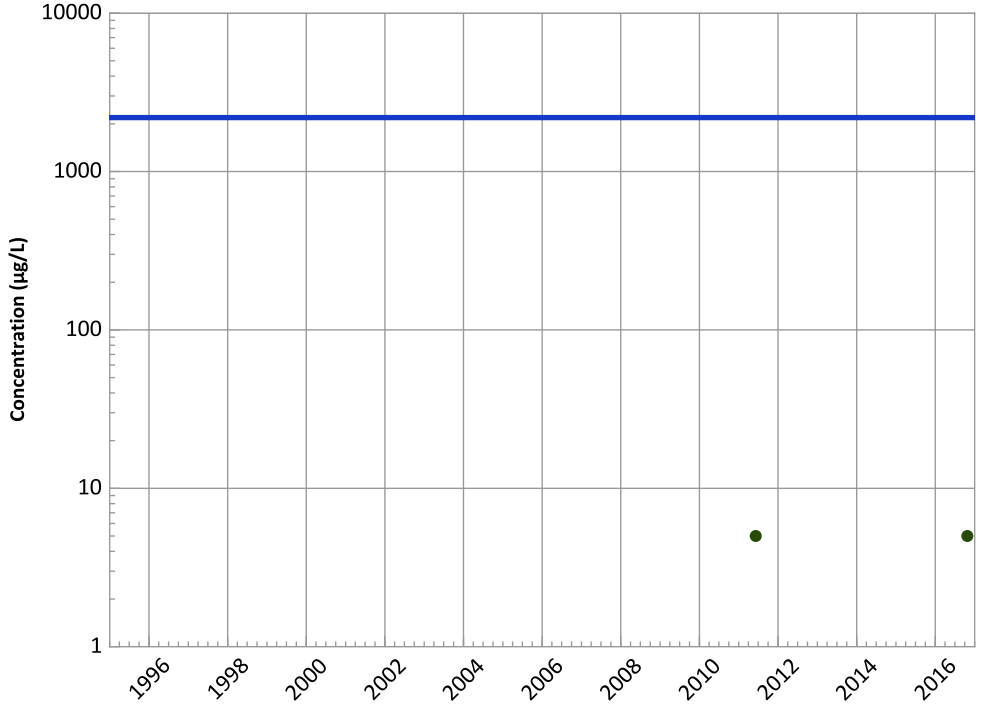
All Data
All Non-Detect

2-Hexanone Trend



Concentration Trend

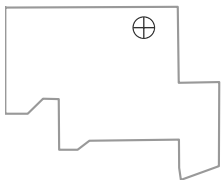
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

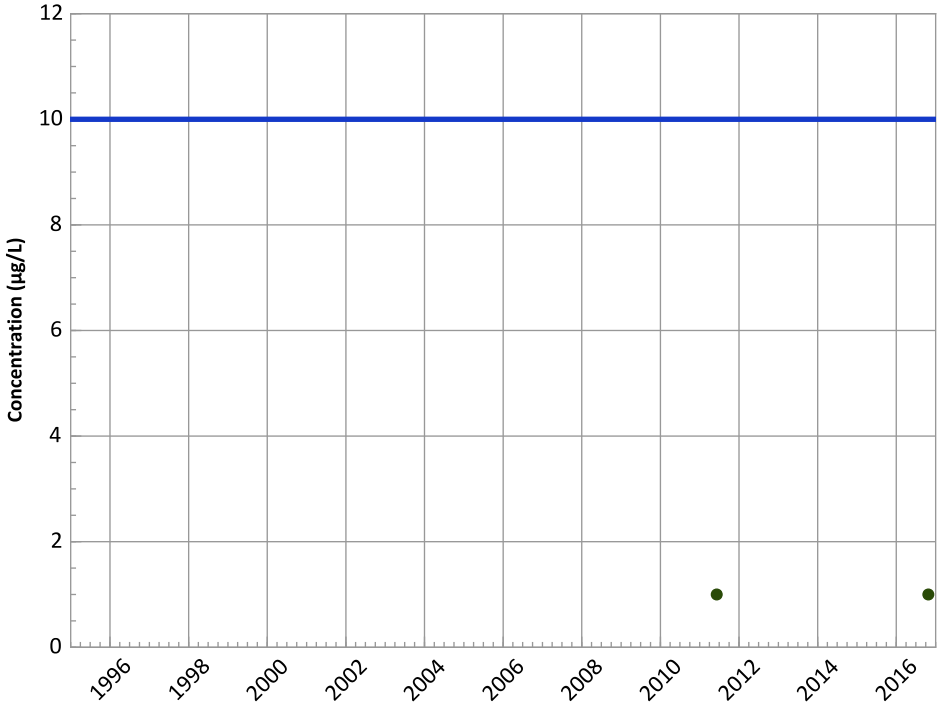
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2,3-Trichloropropane Trend

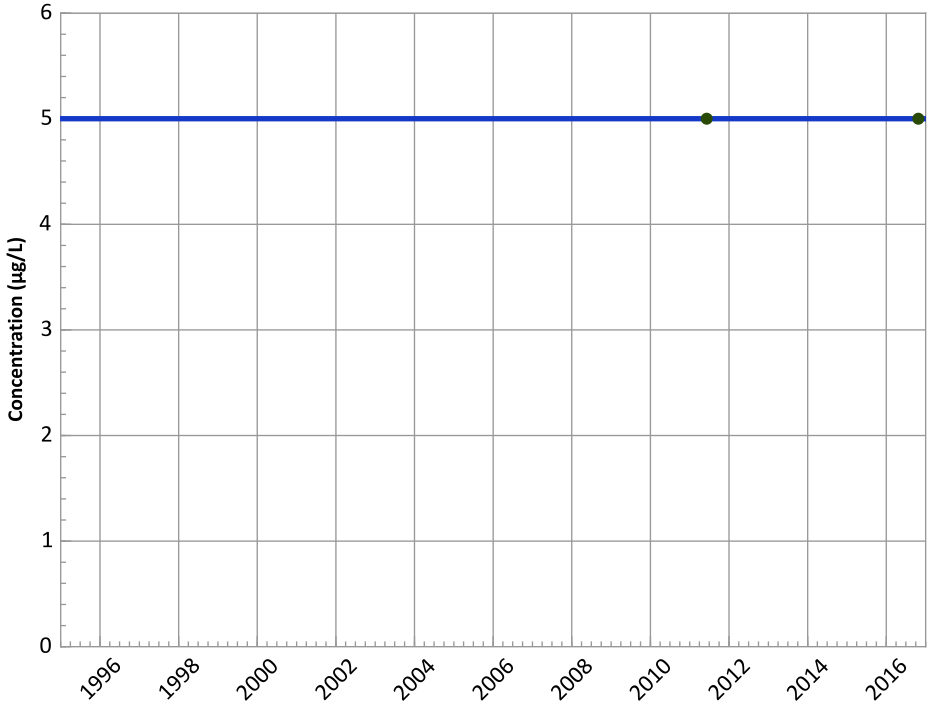


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Allyl Chloride Trend



Concentration Trend

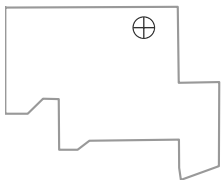
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

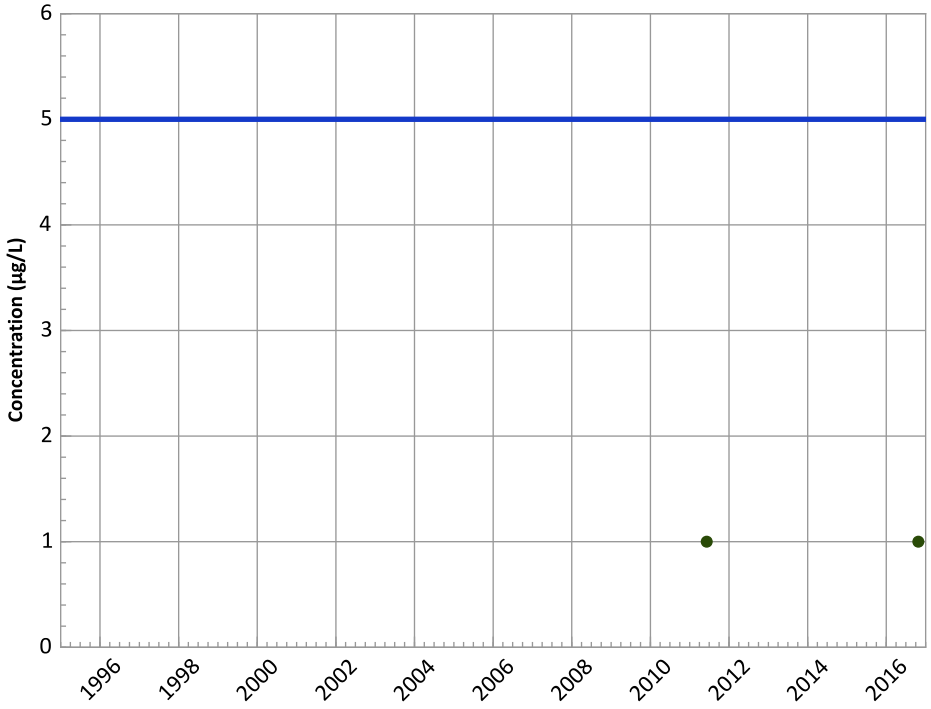
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Benzene Trend

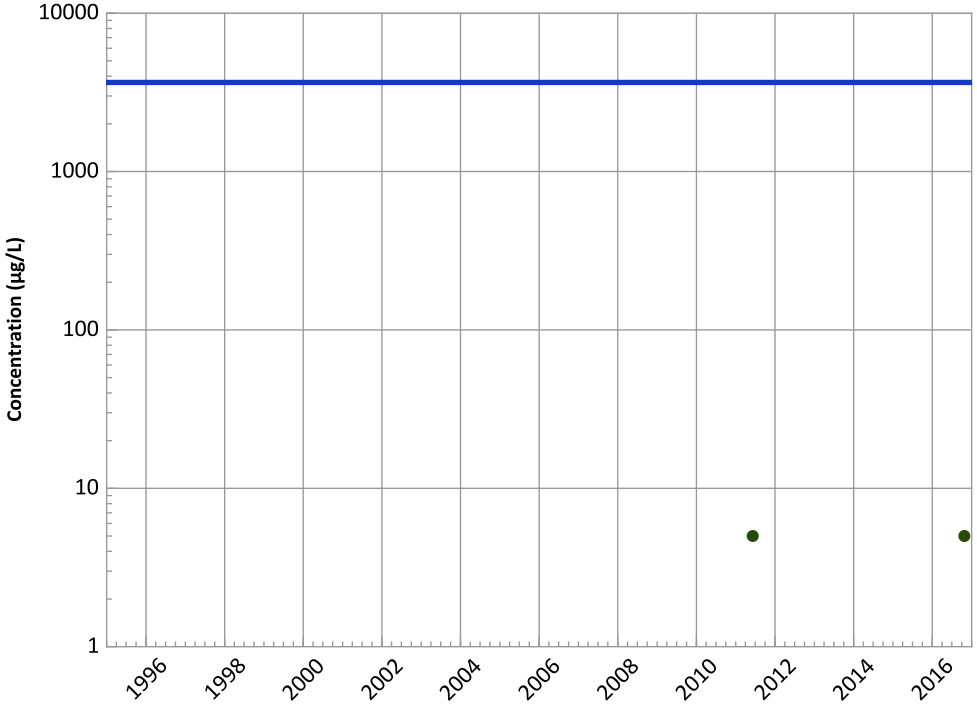


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Carbon Disulfide Trend



Concentration Trend

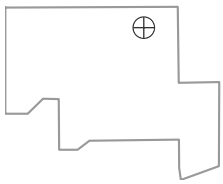
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

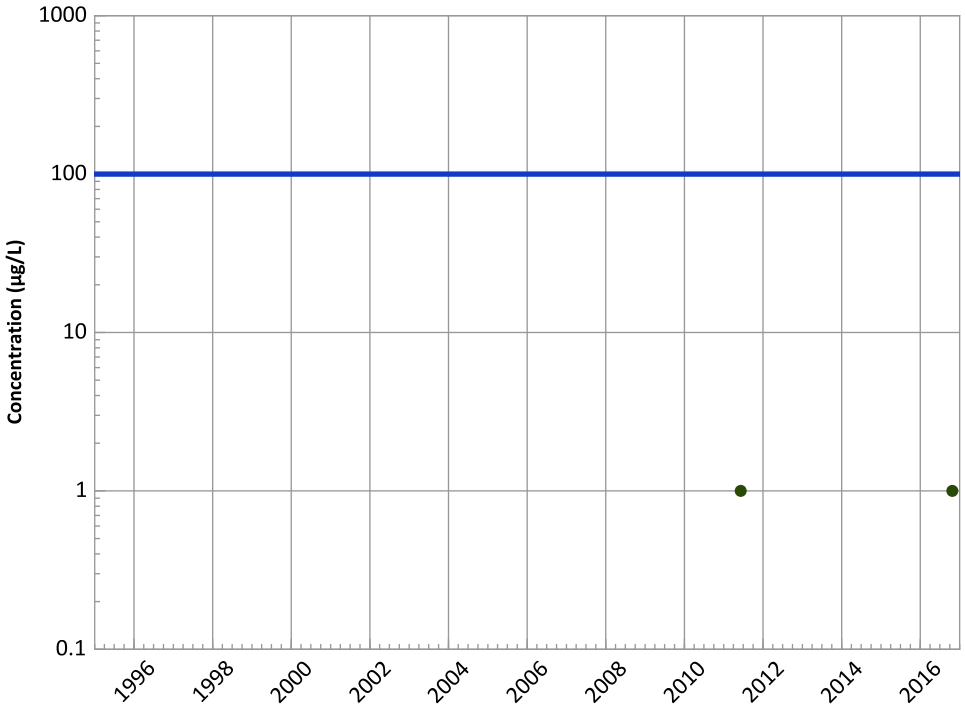
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chlorobenzene Trend

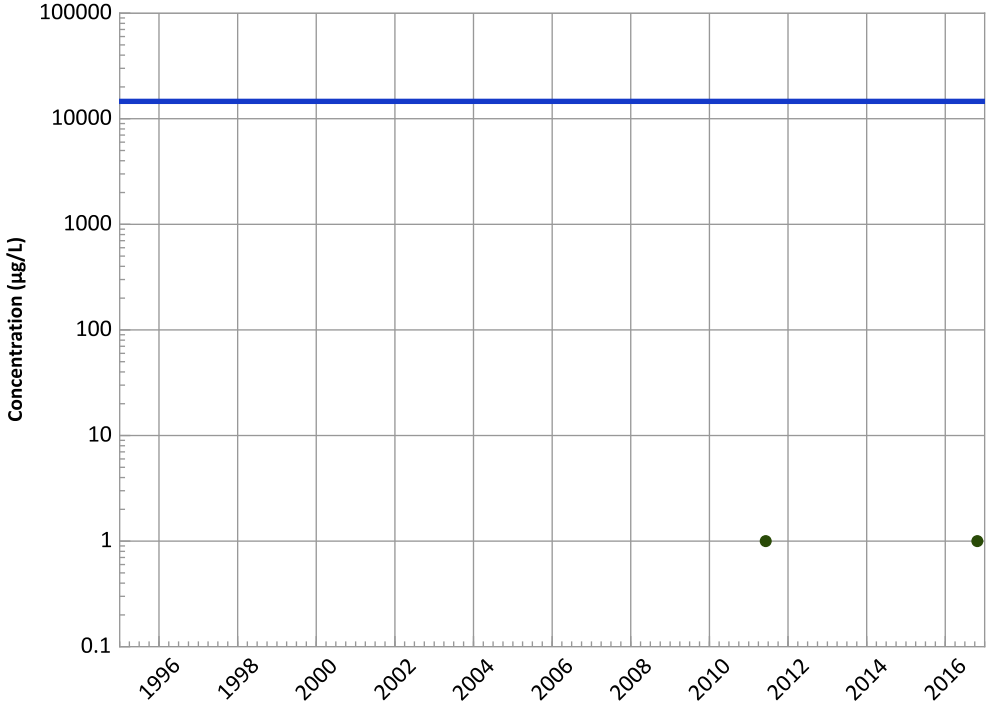


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Chloroethane Trend



Concentration Trend

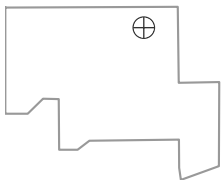
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

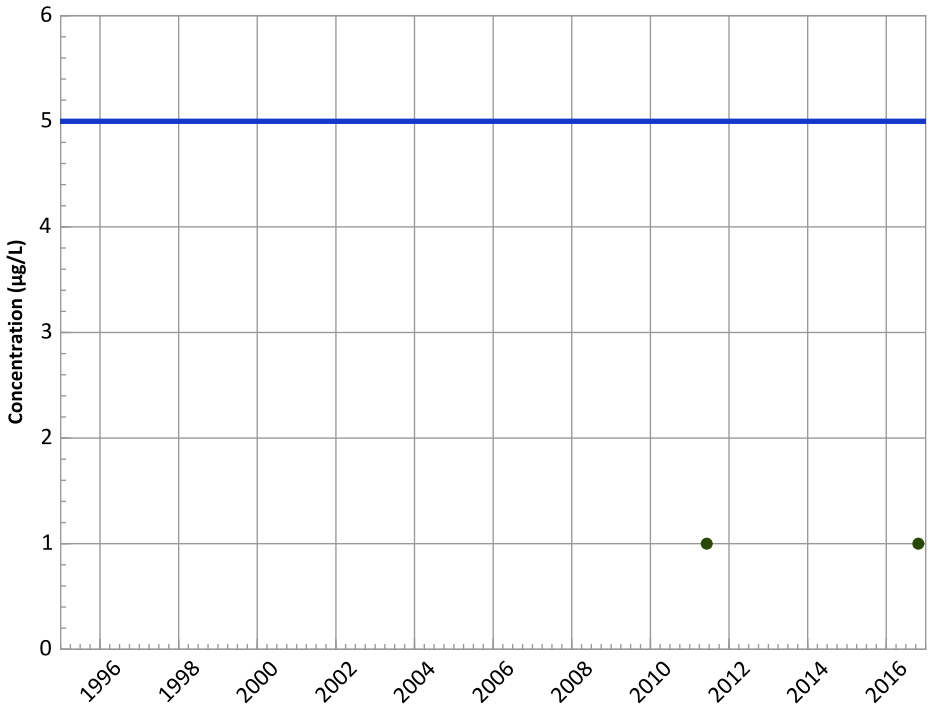
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Carbon Tetrachloride Trend

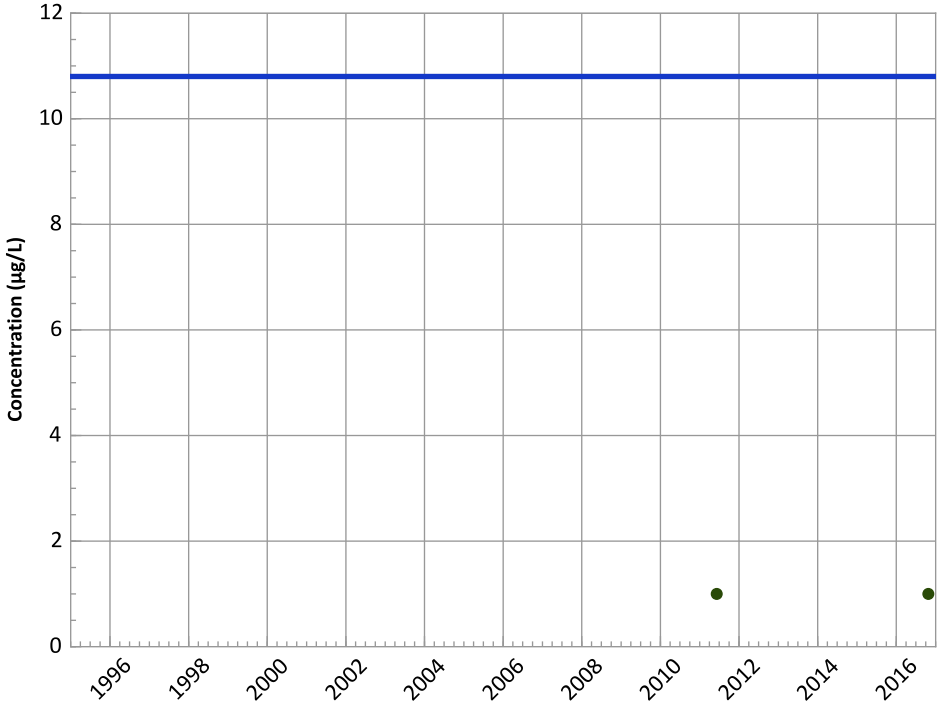


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Bromoform Trend

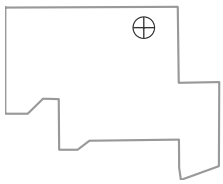


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Well Location

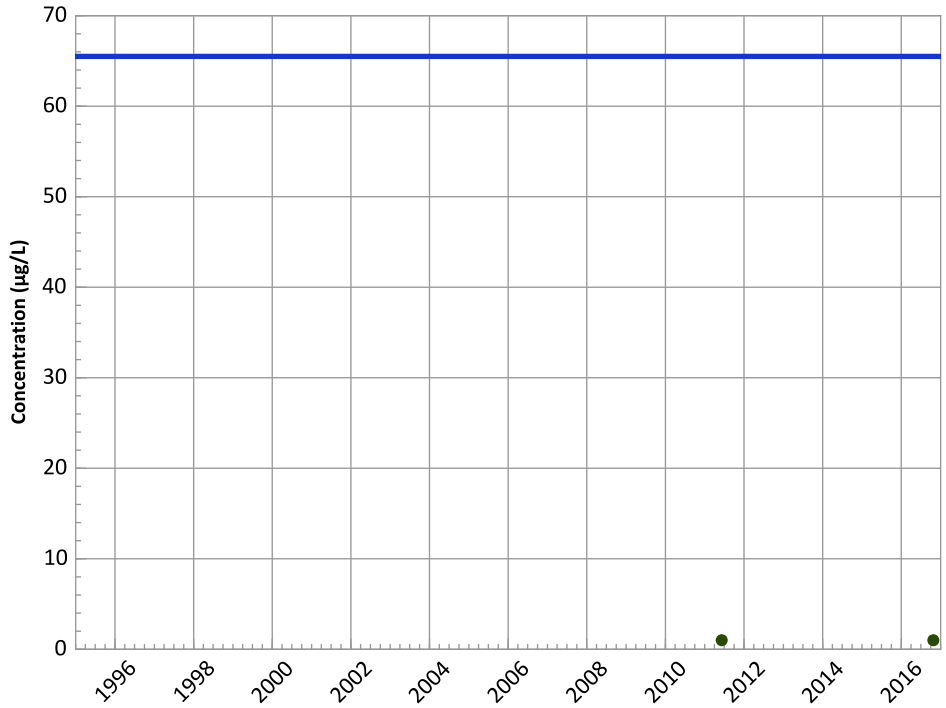


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloromethane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
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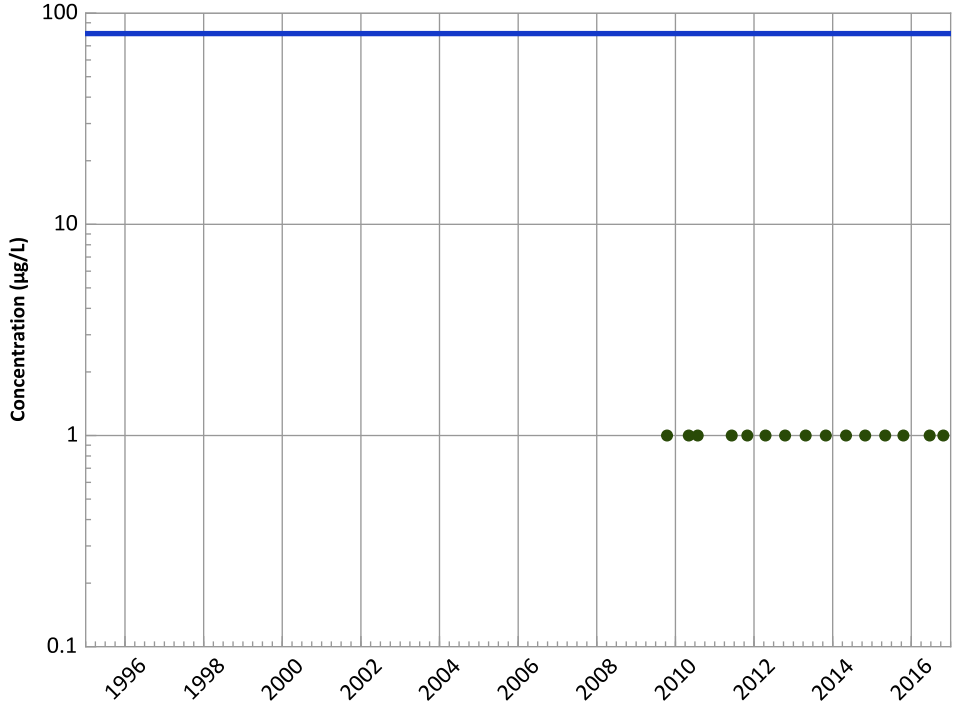
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Chloroform Trend

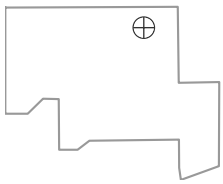


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Well Location

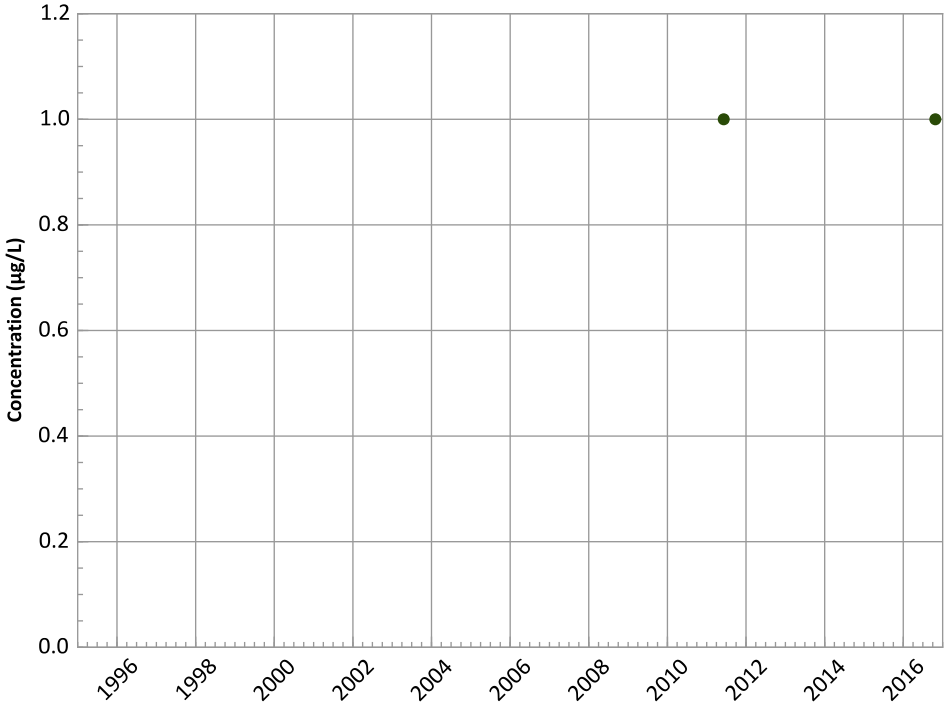


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2-Chloro-1,3-Butadiene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
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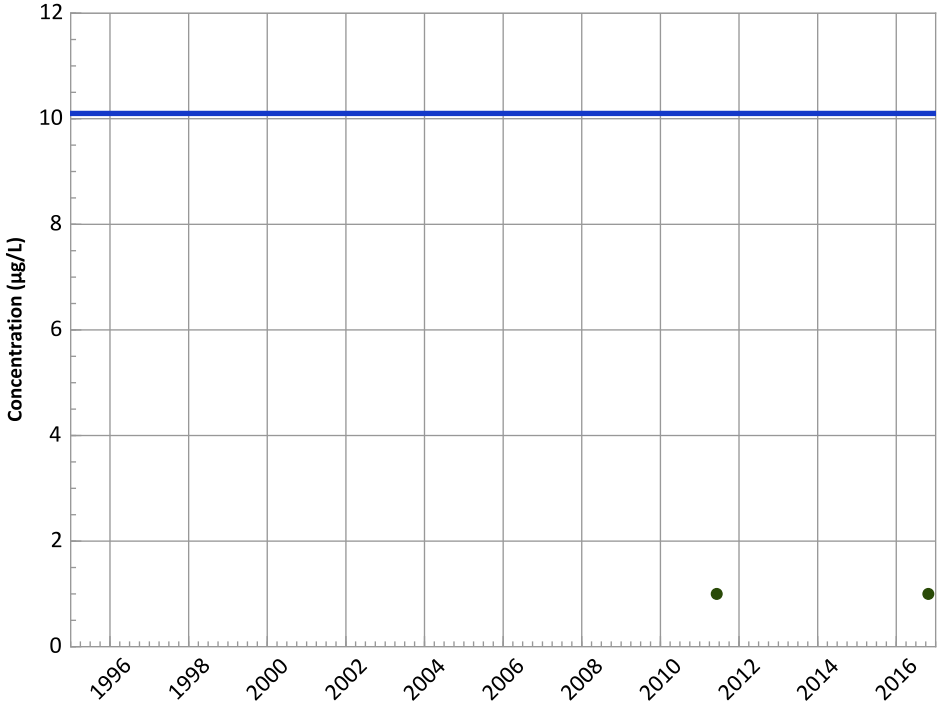
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Dibromochloromethane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
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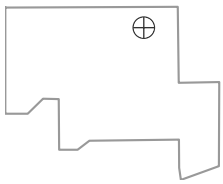
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

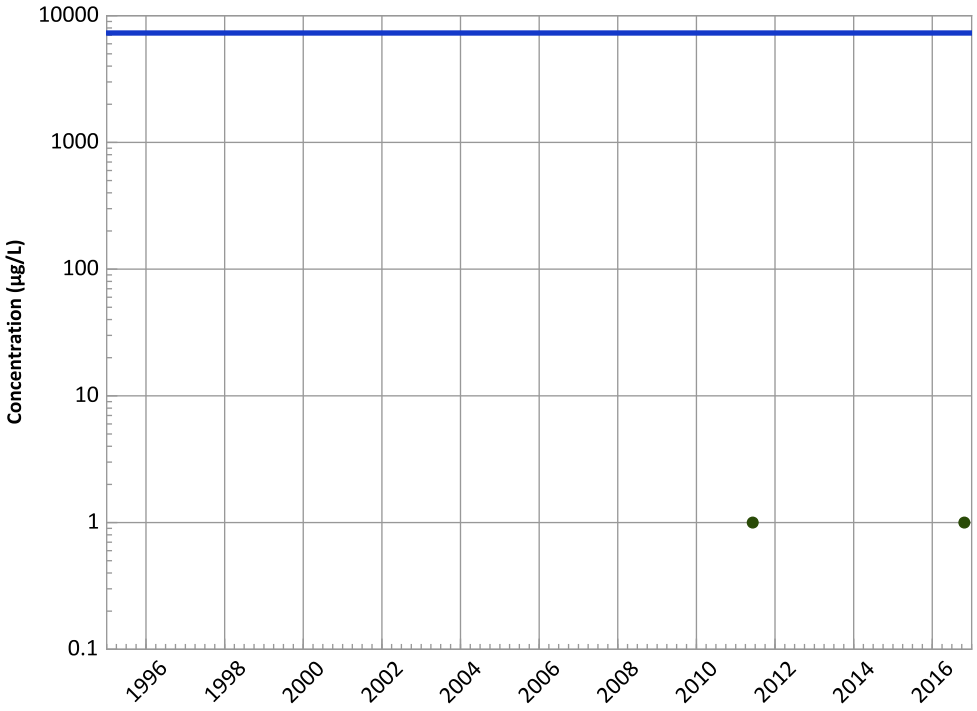
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Dichlorodifluoromethane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
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All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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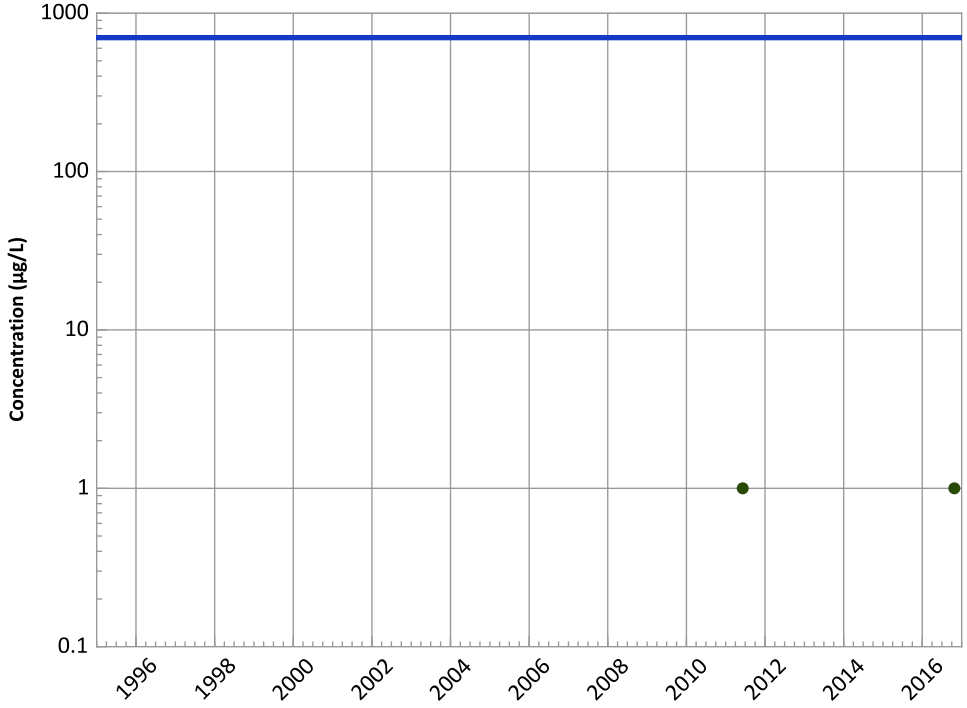
All Data
All Non-Detect

Ethylbenzene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
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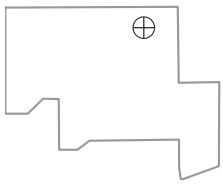
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Well Location

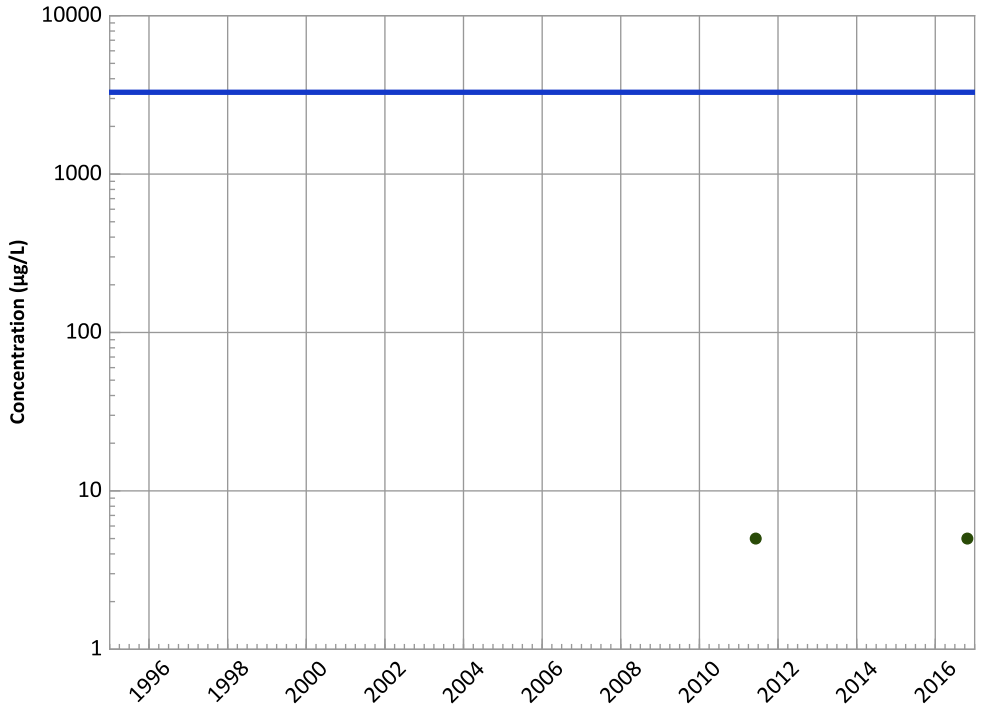


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Ethyl Methacrylate Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
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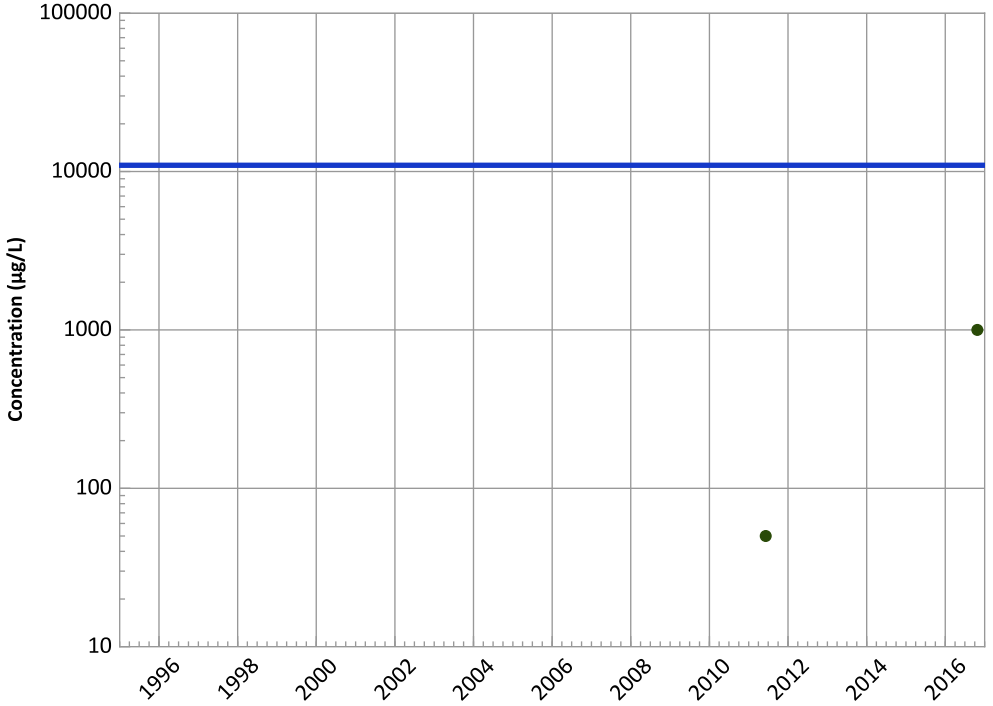
All Data
All Non-Detect

Isobutanol Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
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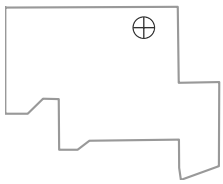
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

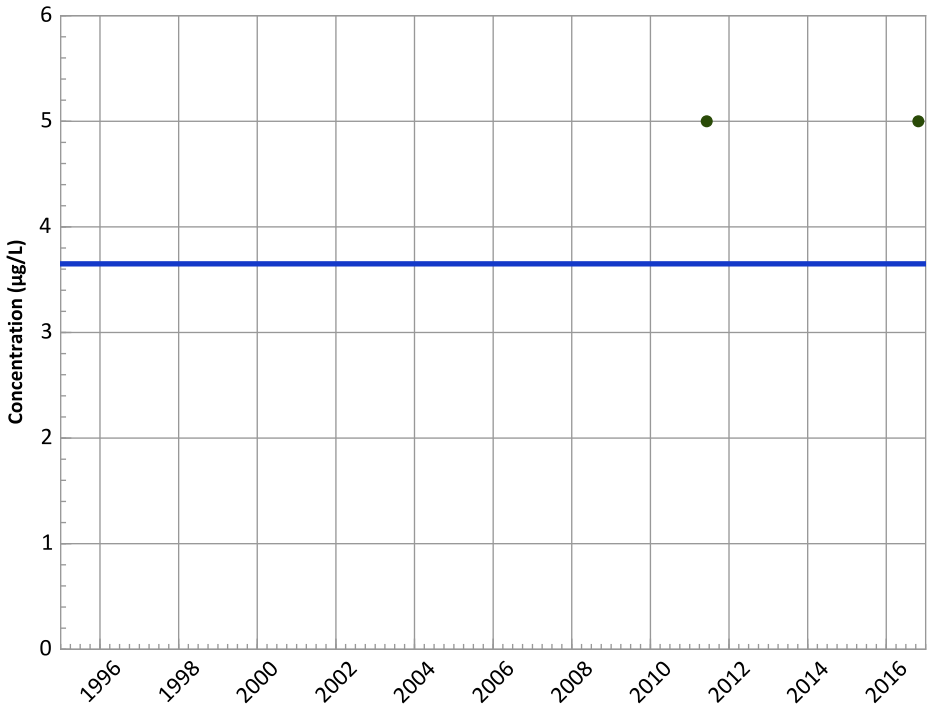
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methylacrylonitrile Trend

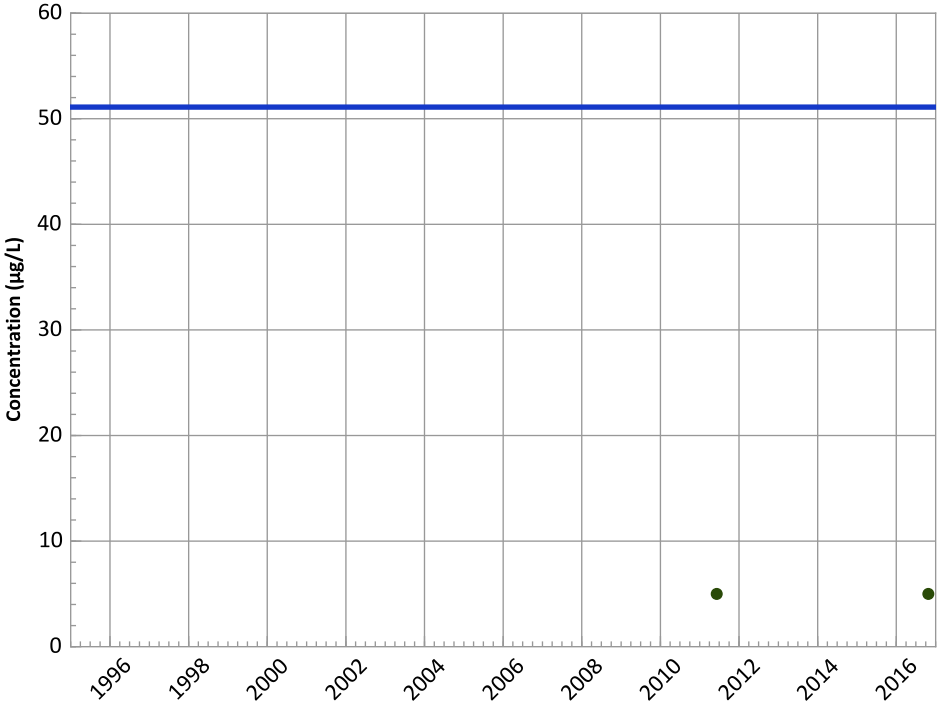


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Iodomethane (Methyl Iodide) Trend



Concentration Trend

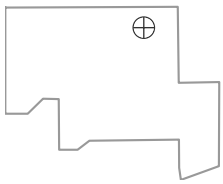
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

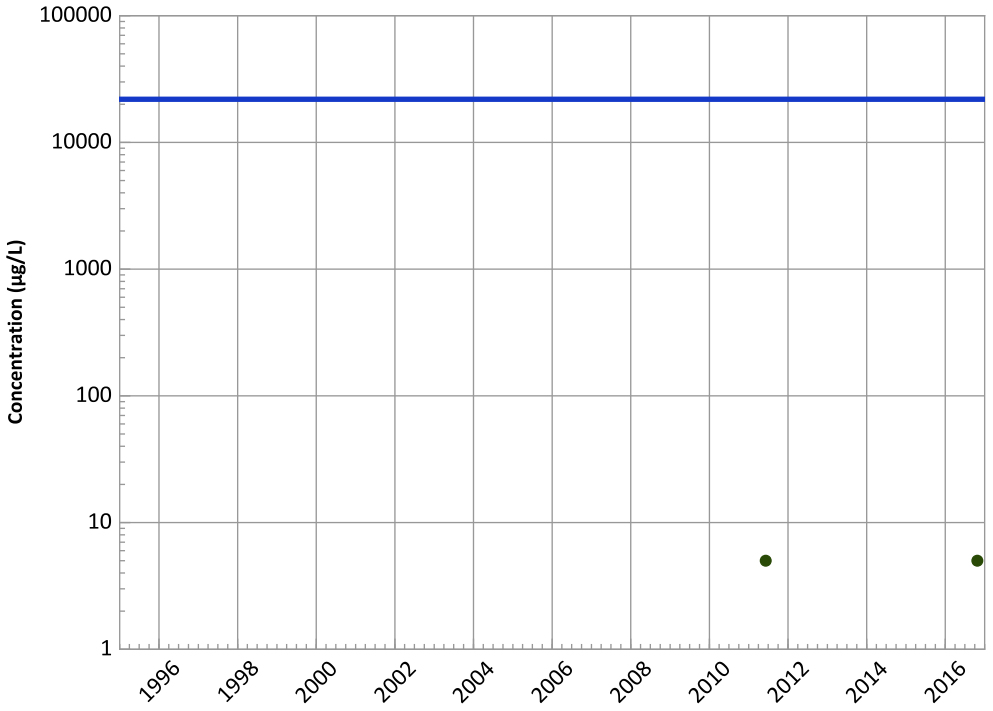
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methyl Ethyl Ketone (2-Butanone) Trend

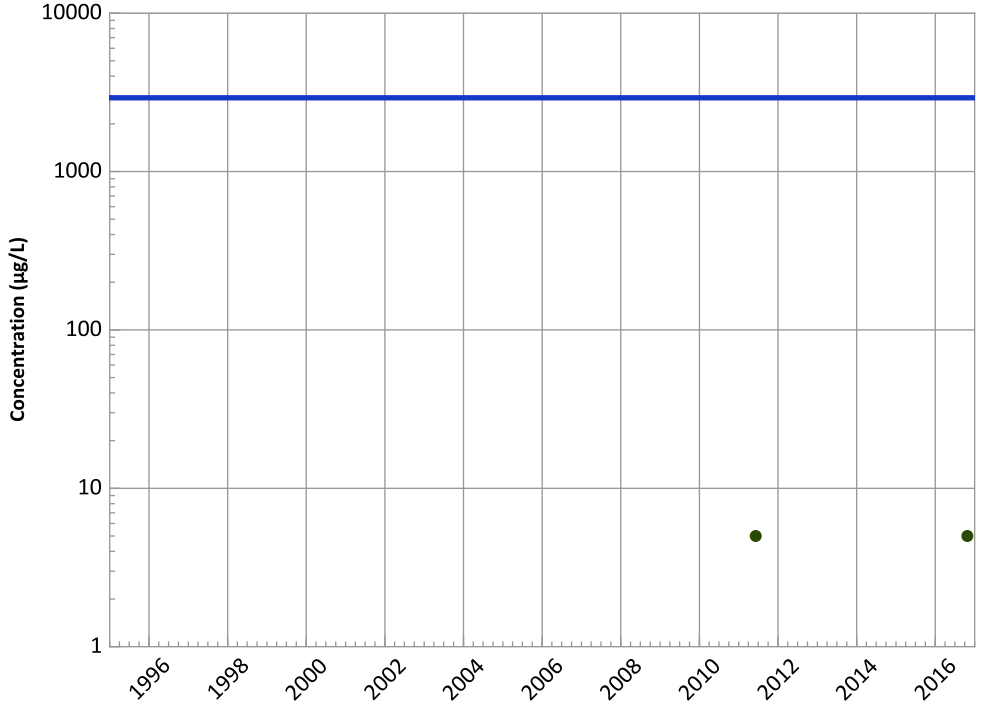


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) Trend



Concentration Trend

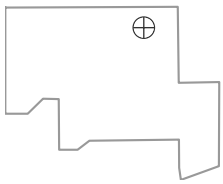
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

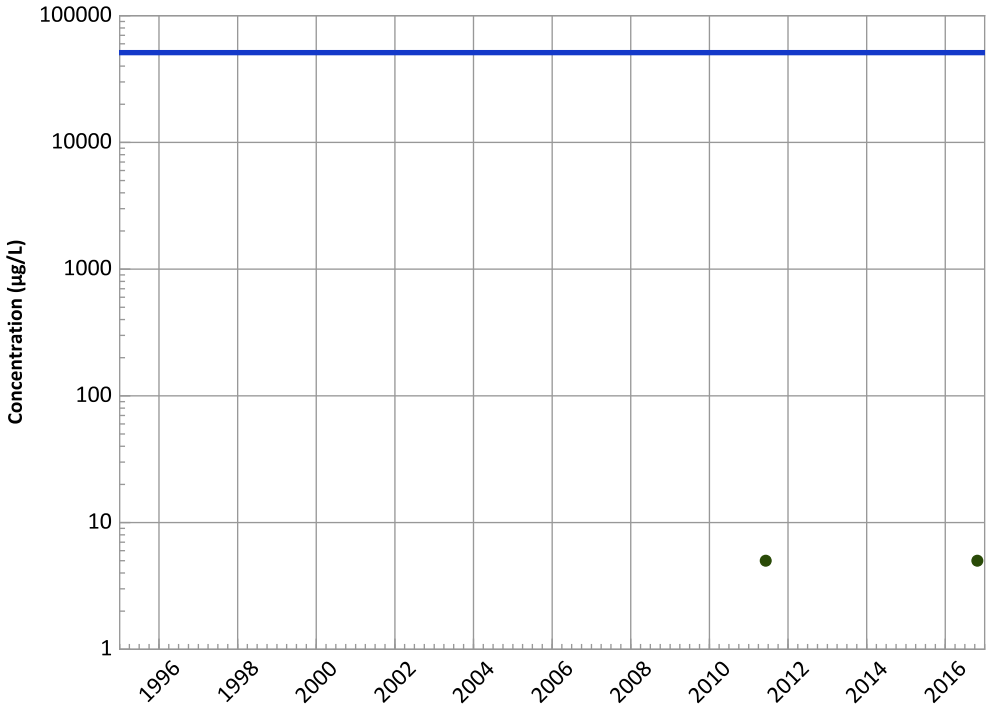
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methyl Methacrylate Trend

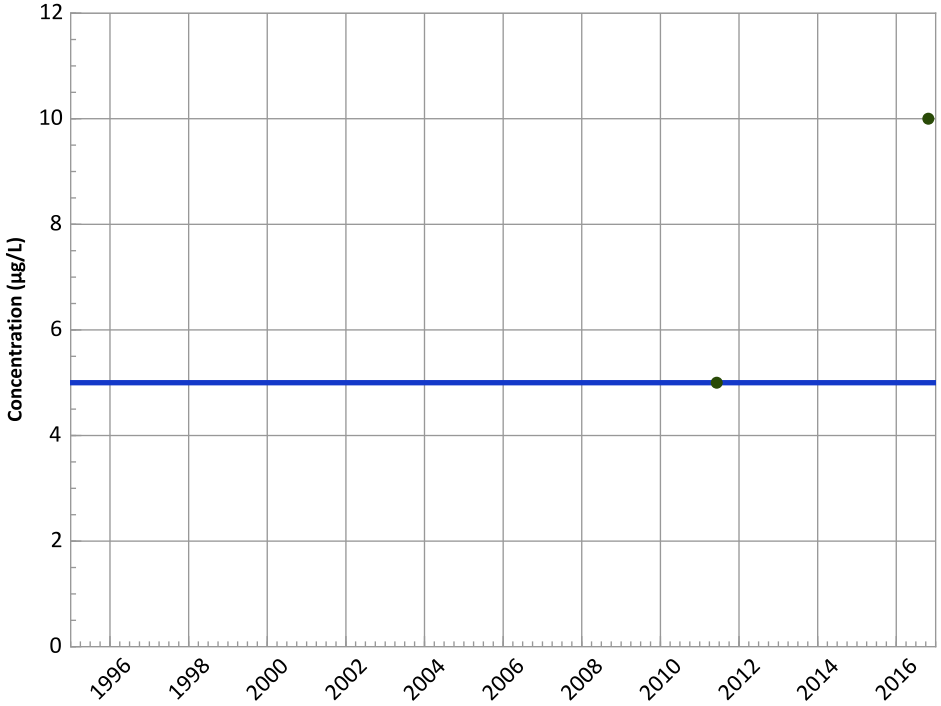


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methylene Chloride Trend



Concentration Trend

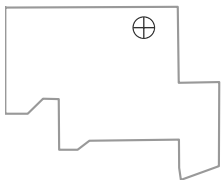
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

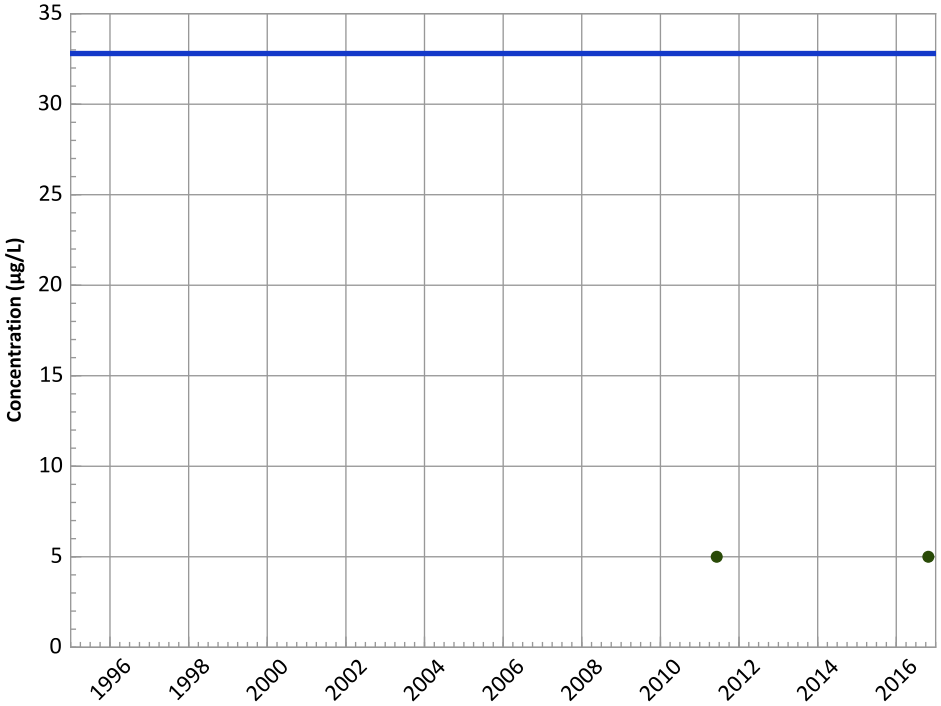
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Pentachloroethane Trend

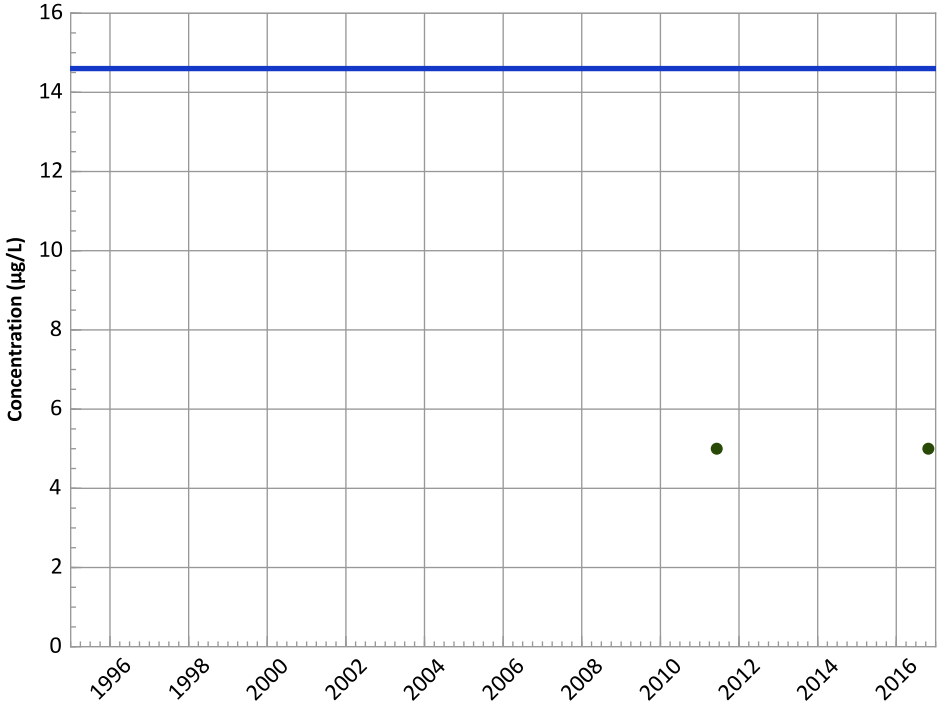


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Propane Nitrile (Propionitrile) Trend



Concentration Trend

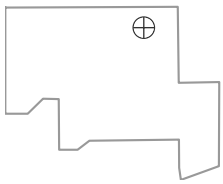
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

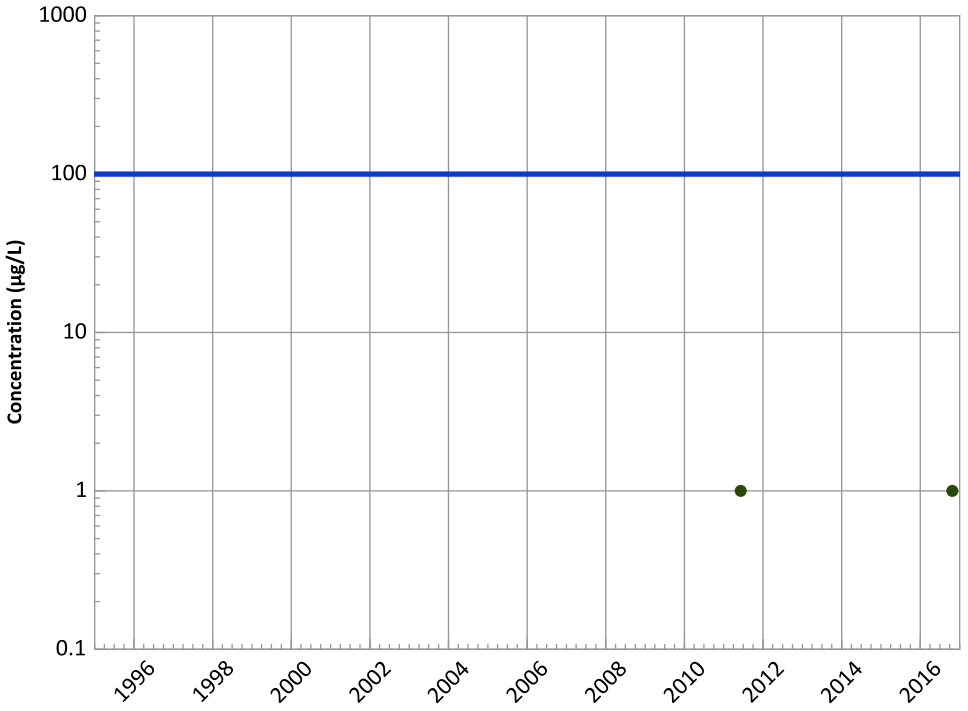
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Styrene Trend

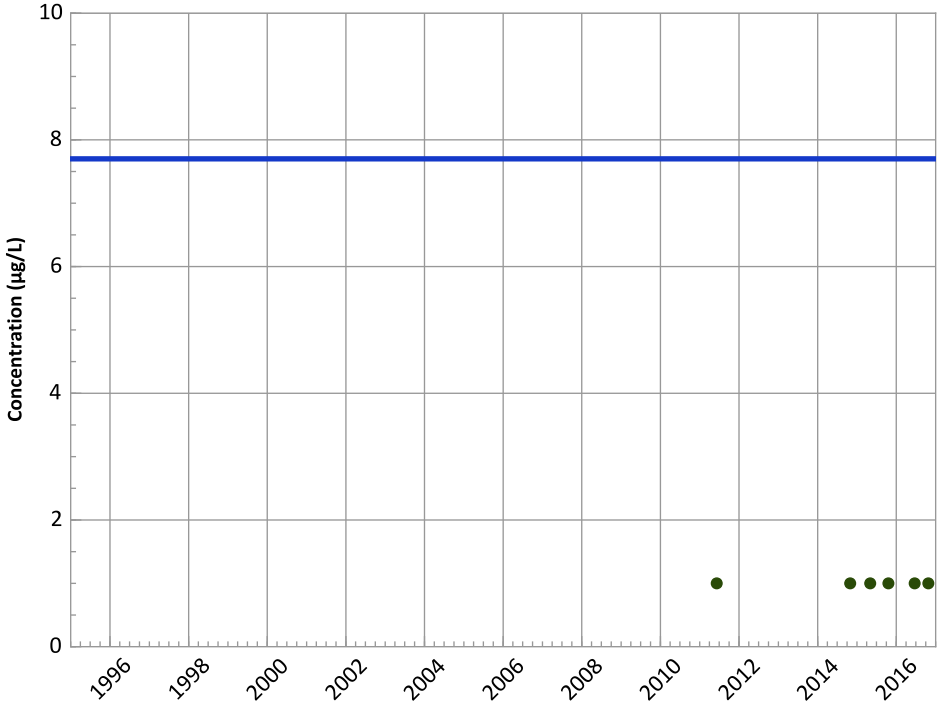


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

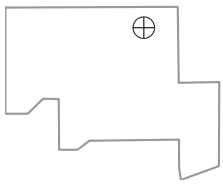
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

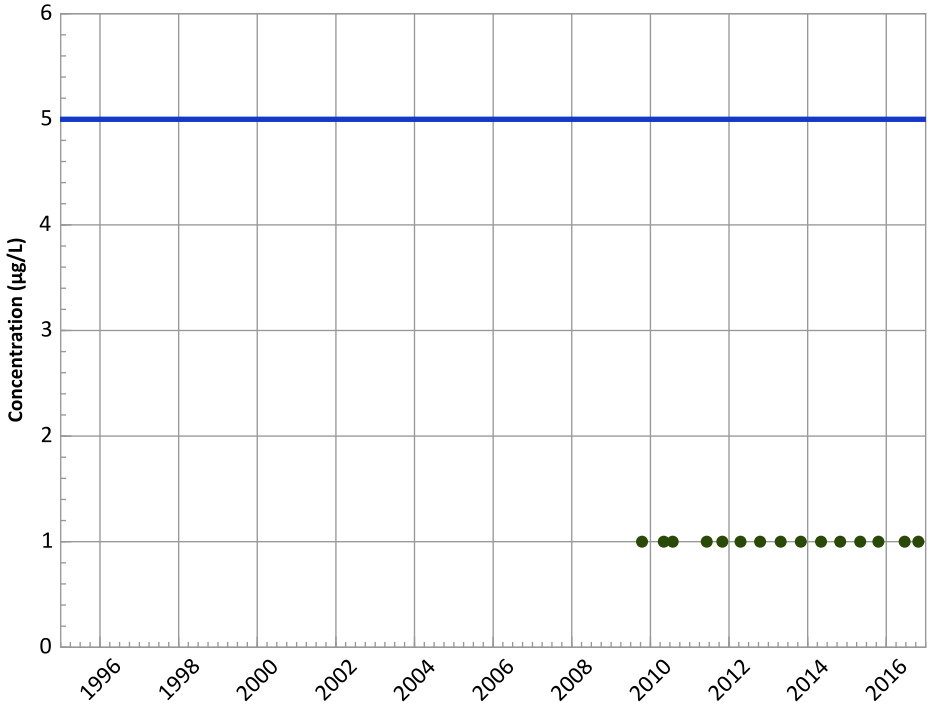
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

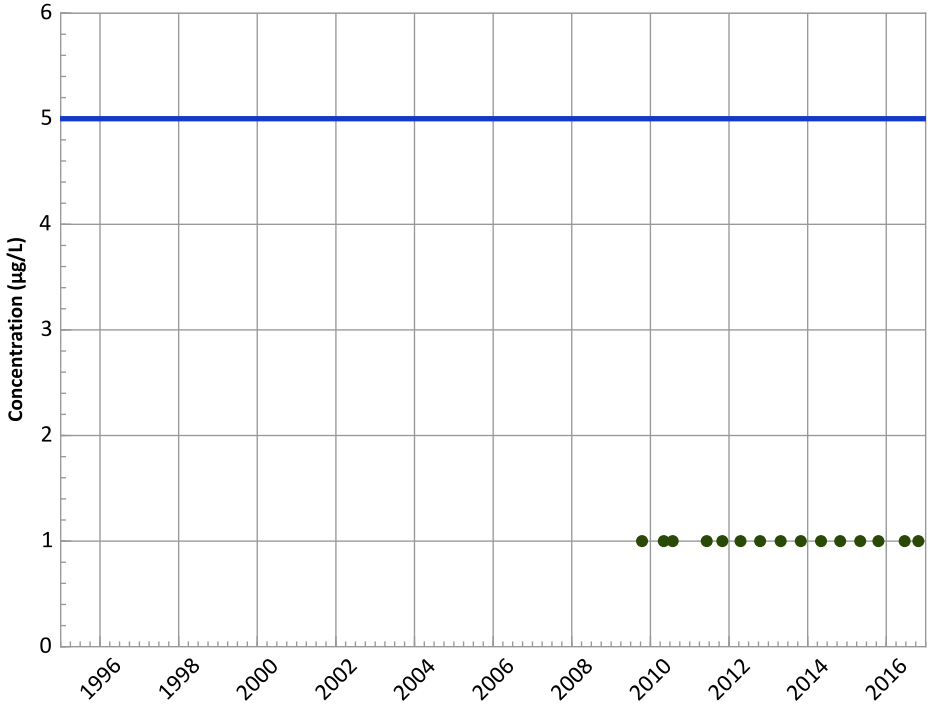


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend

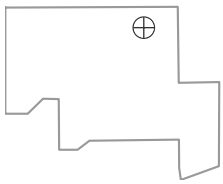


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Well Location

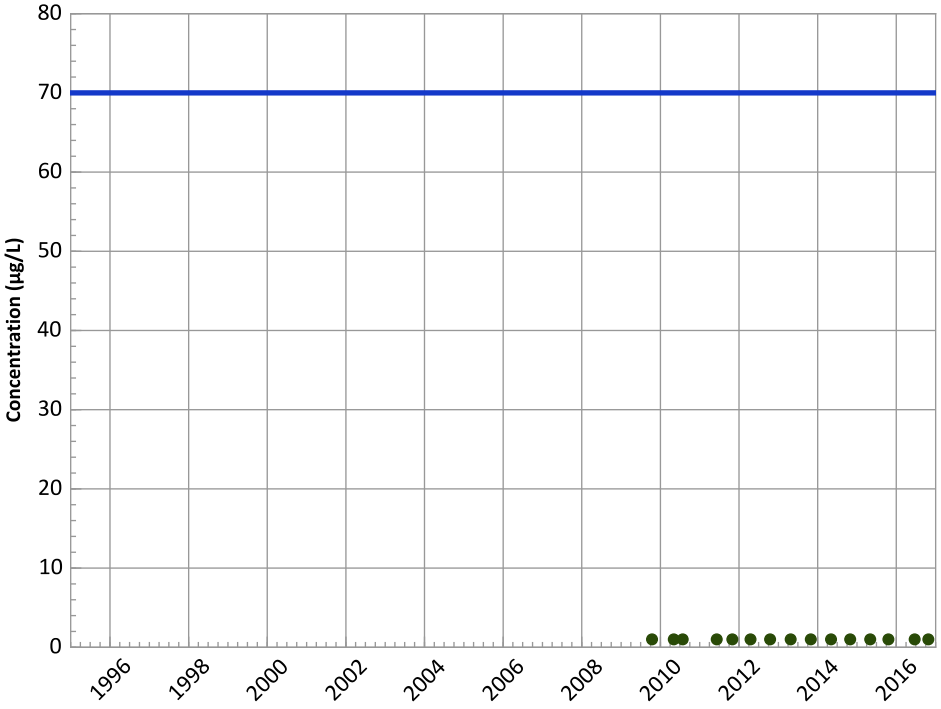


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

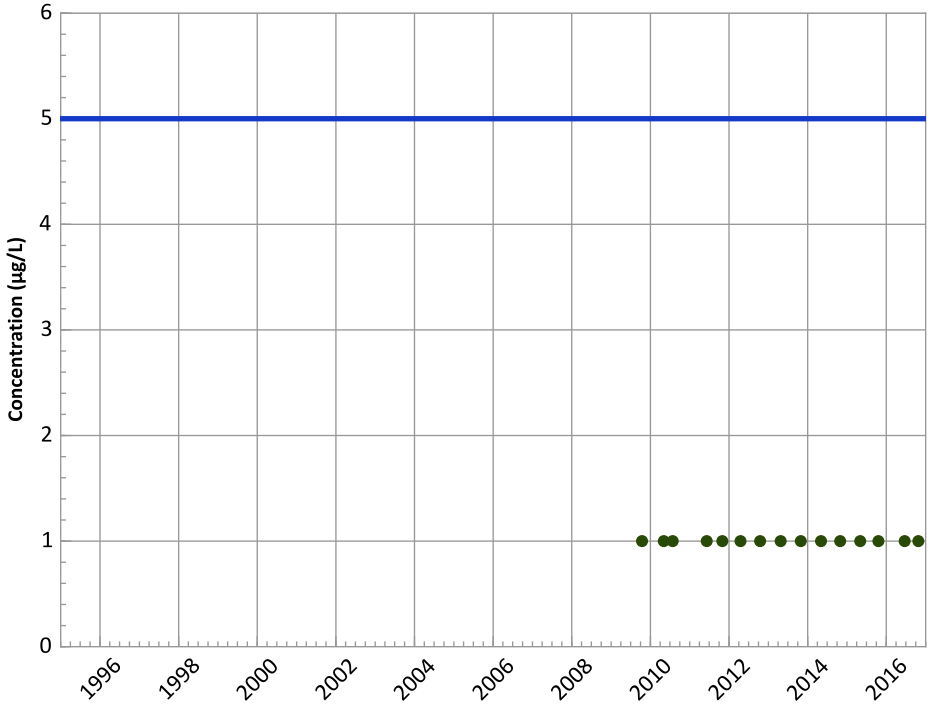


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

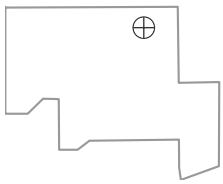
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

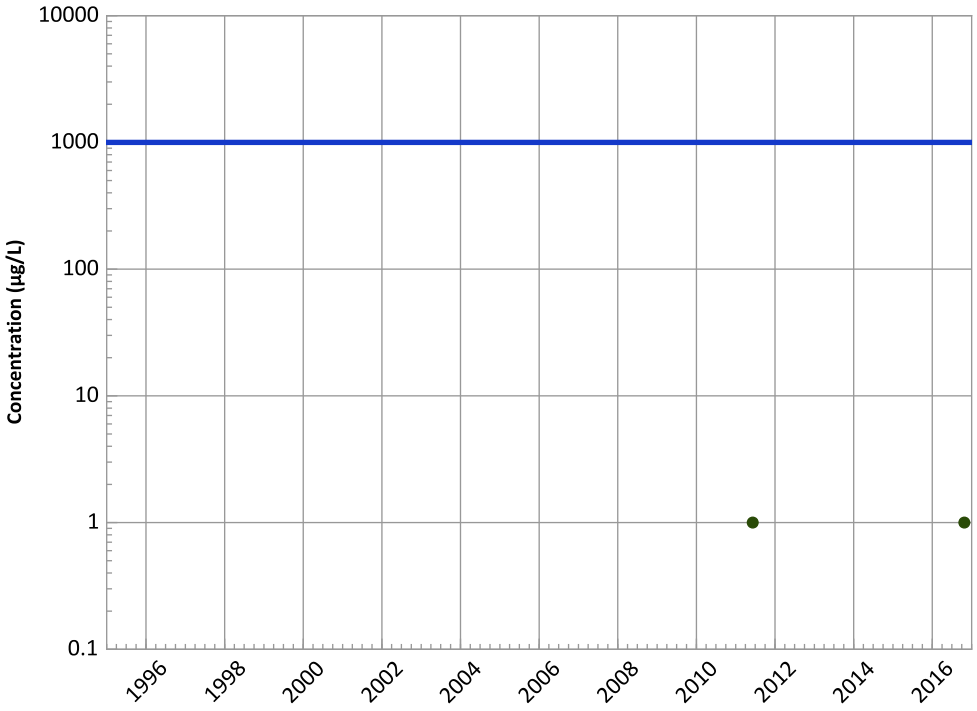
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Toluene Trend

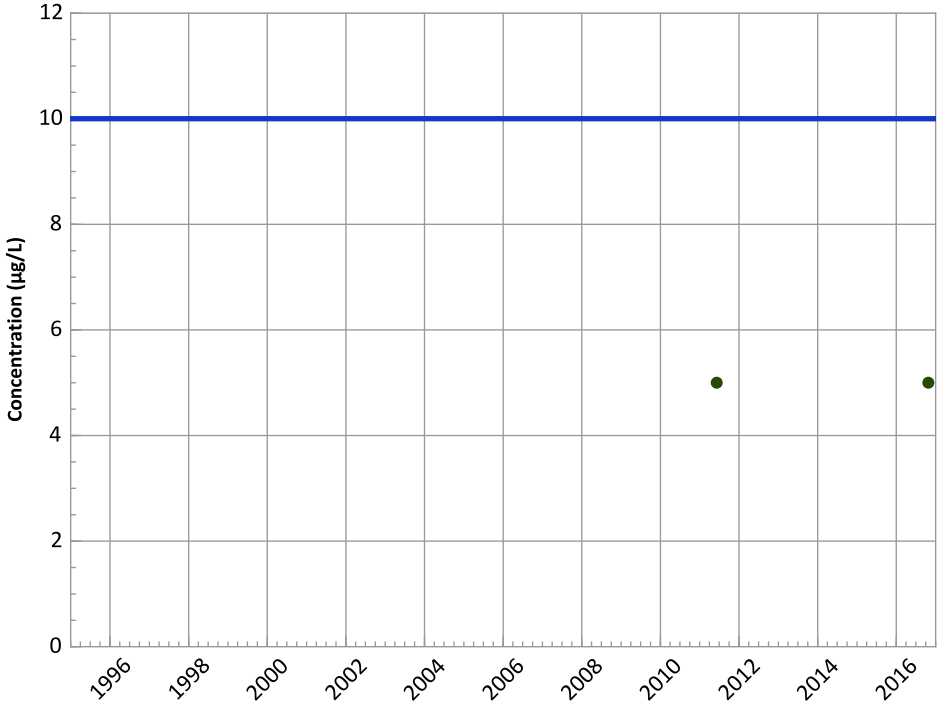


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

trans-1,4-Dichloro-2-Butene Trend



Concentration Trend

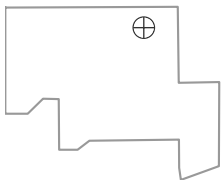
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

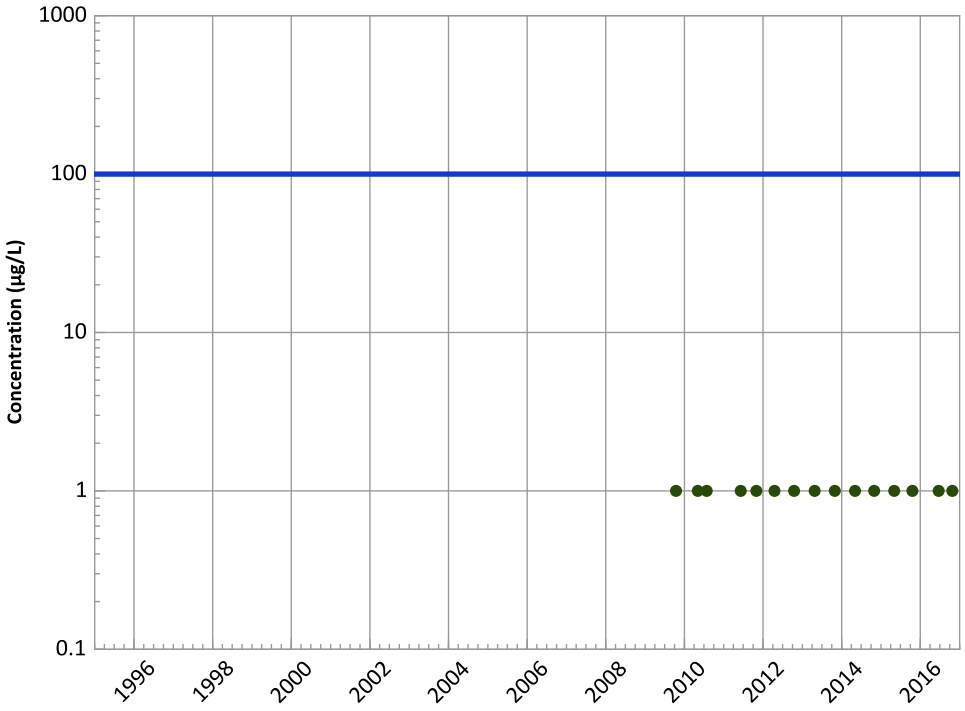
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

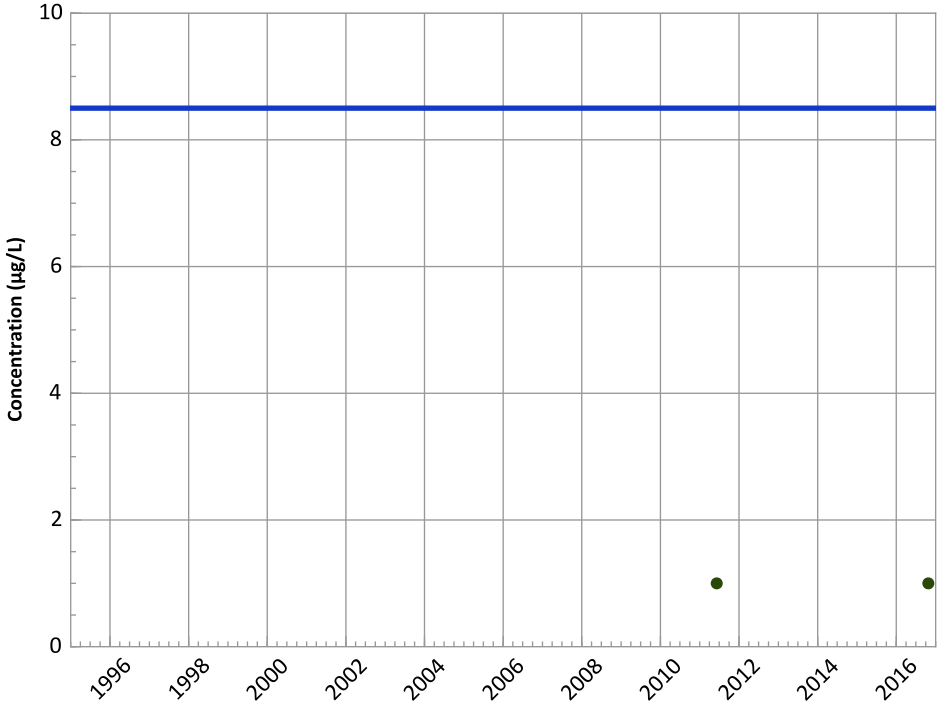


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

trans-1,3-Dichloropropene Trend



Concentration Trend

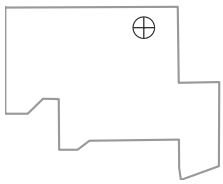
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

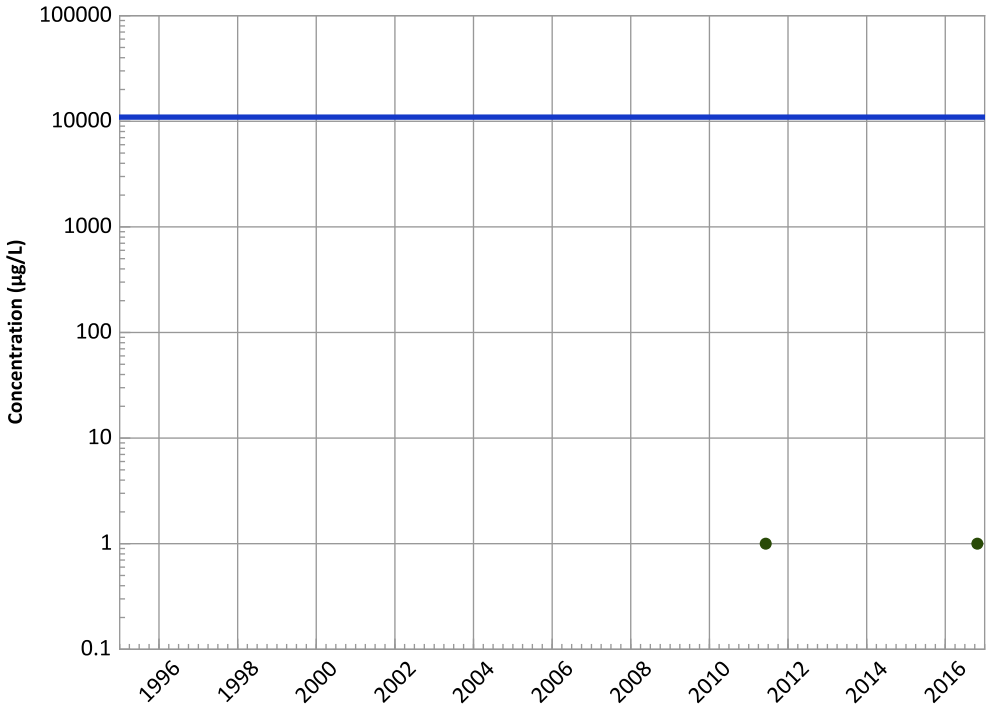
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichlorofluoromethane Trend

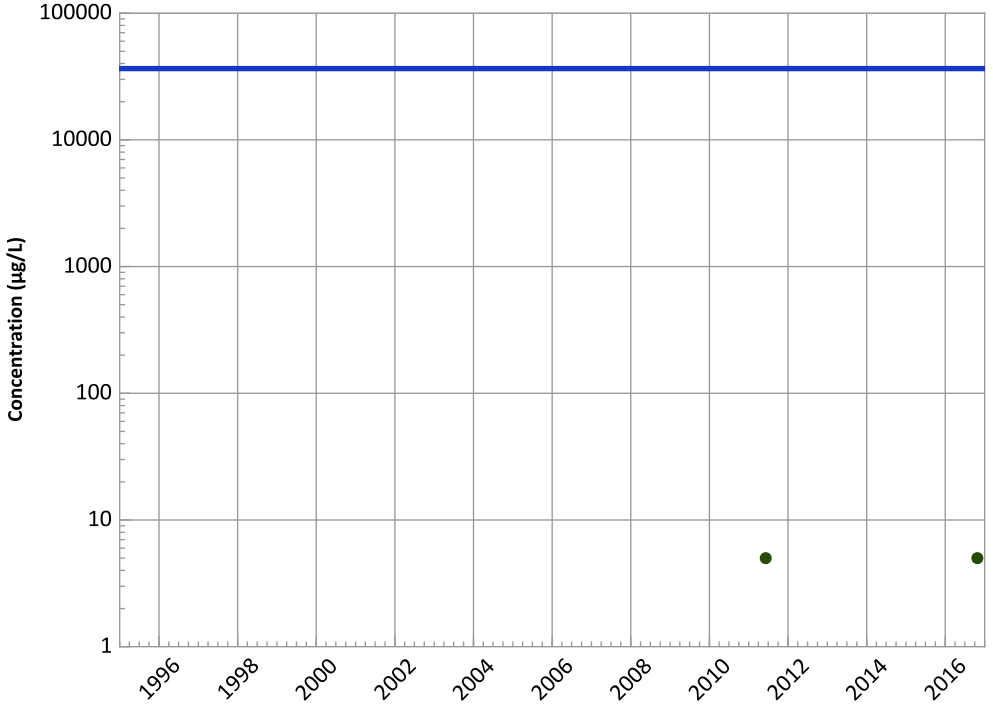


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Vinyl Acetate Trend



Concentration Trend

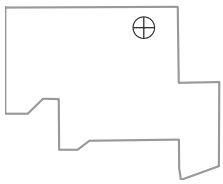
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

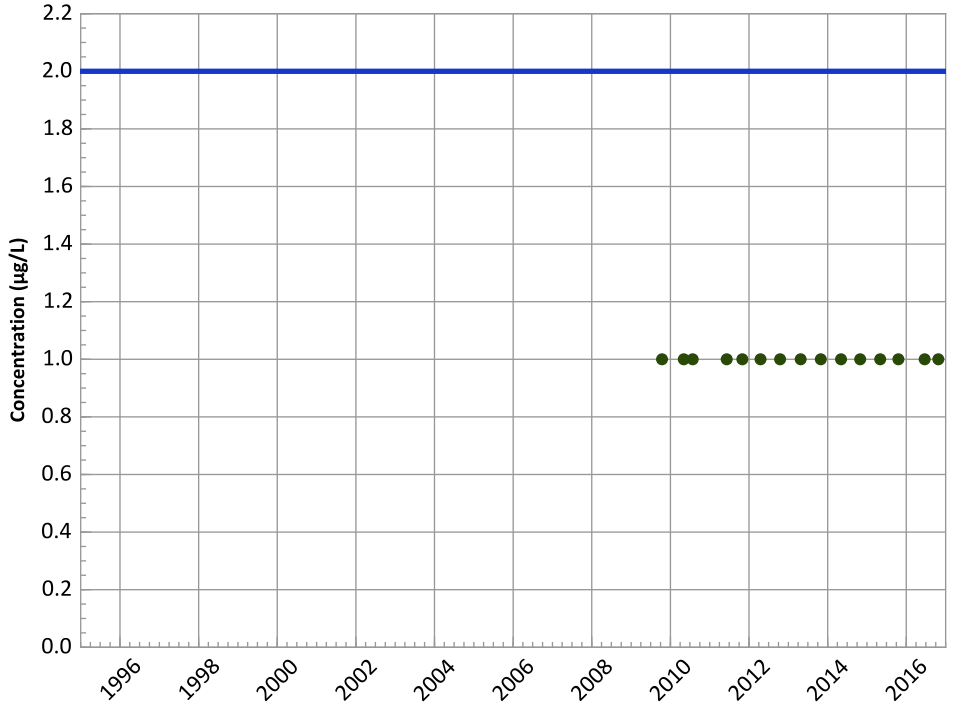
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

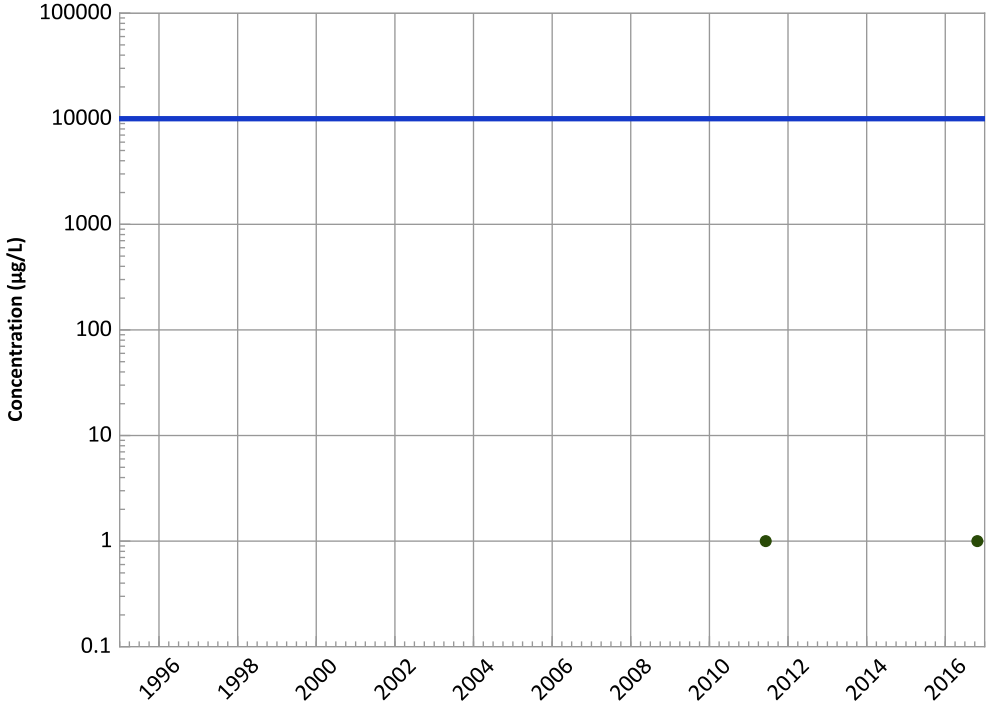


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Xylenes, Total Trend



Concentration Trend

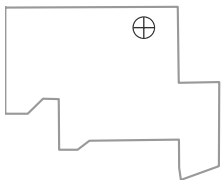
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

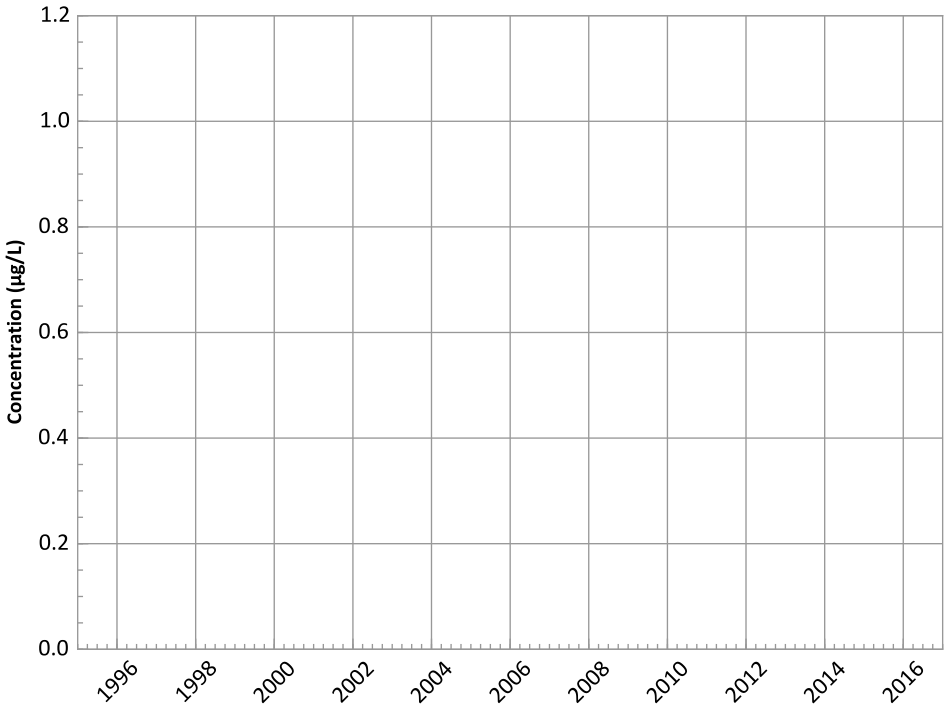
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sulfide Trend

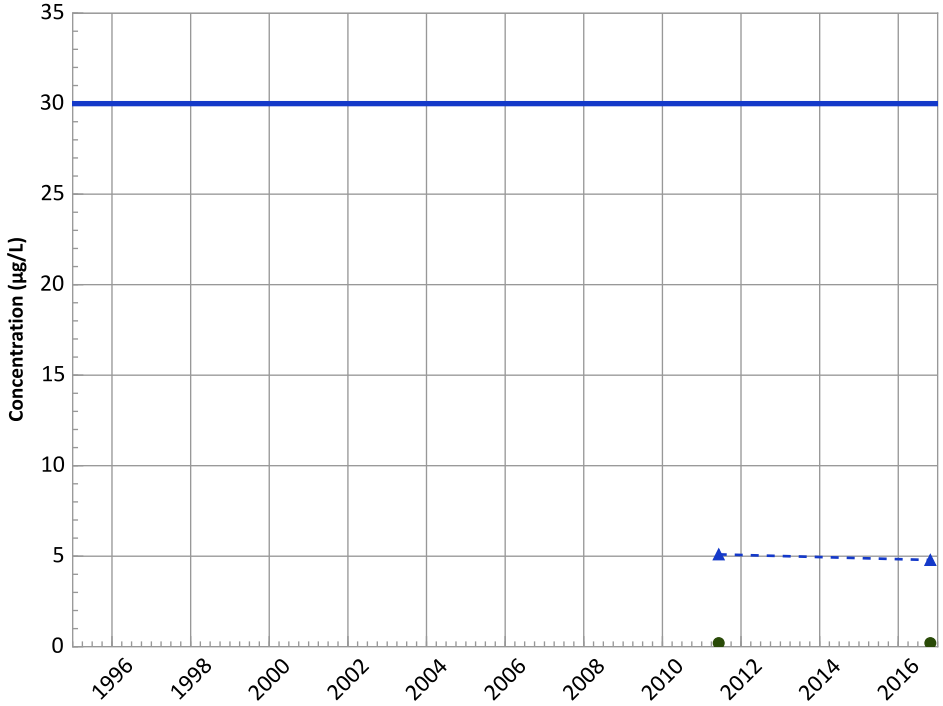


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Uranium, Total Trend



Concentration Trend

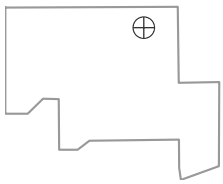
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

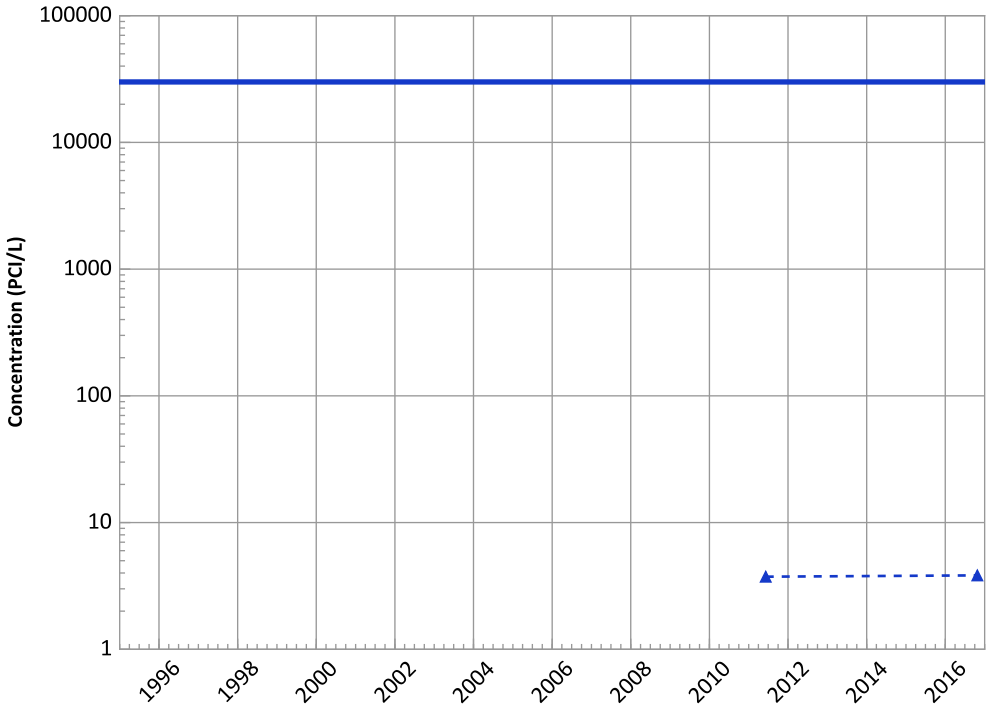
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Uranium-233/234 Trend

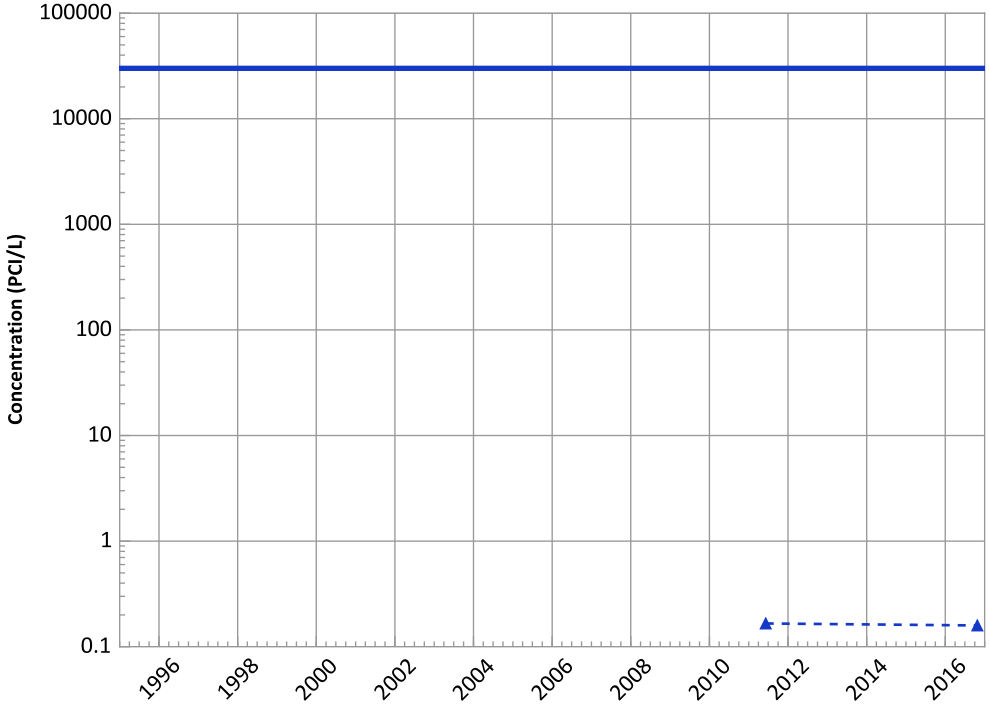


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Uranium-235/236 Trend



Concentration Trend

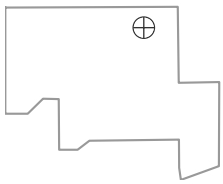
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

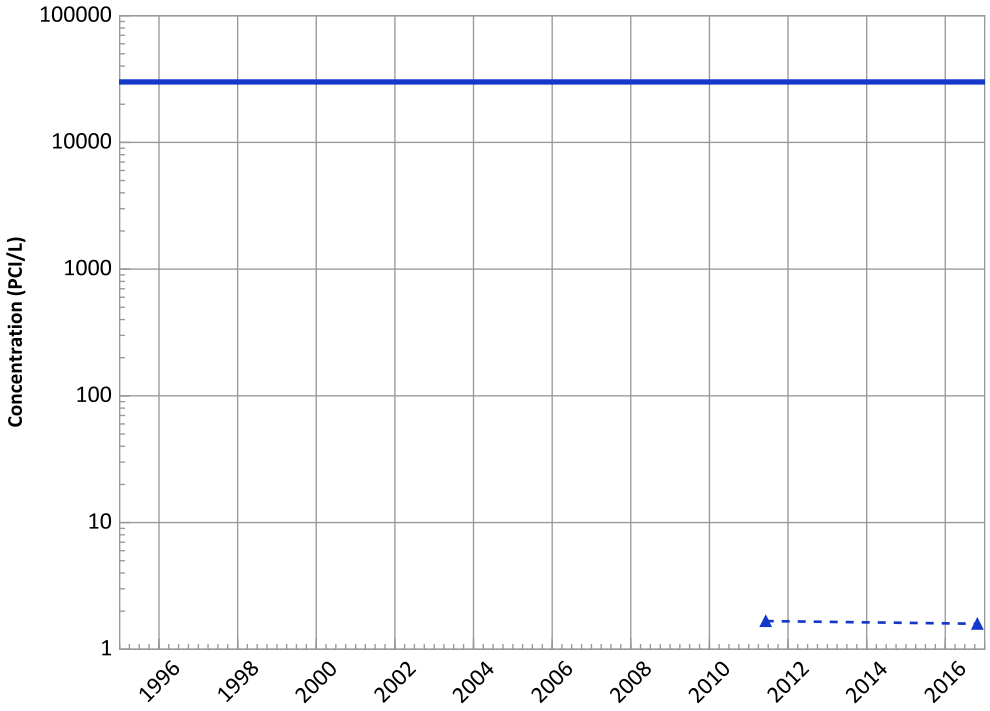
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Uranium-238 Trend

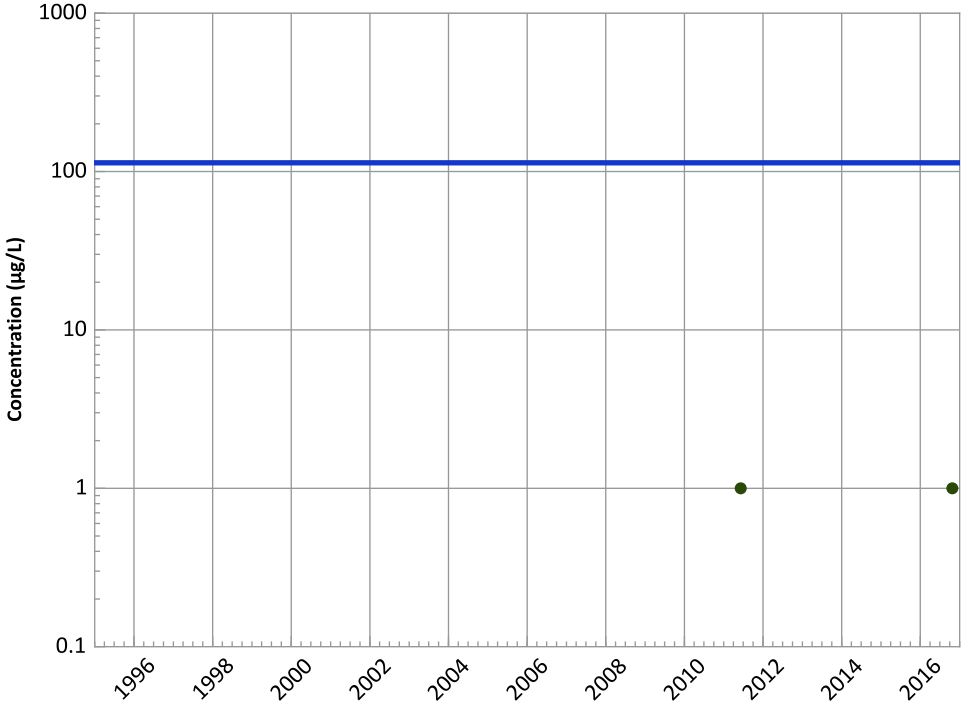


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Dibromomethane Trend



Concentration Trend

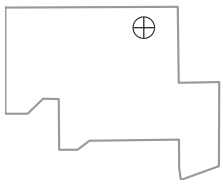
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

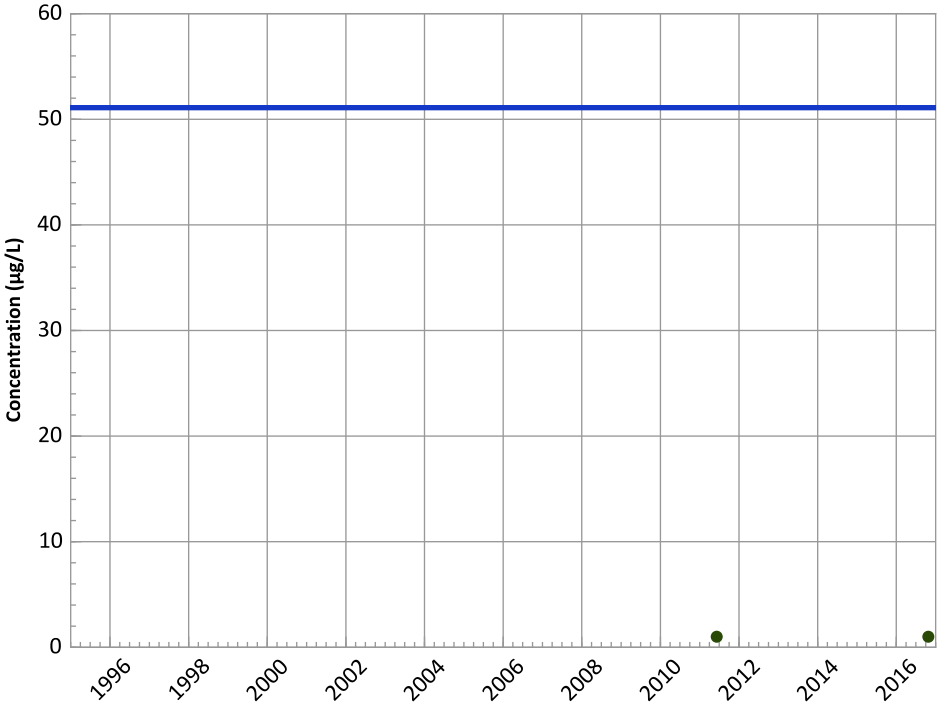
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Bromomethane Trend

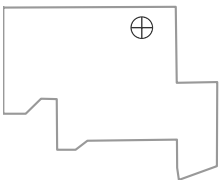


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

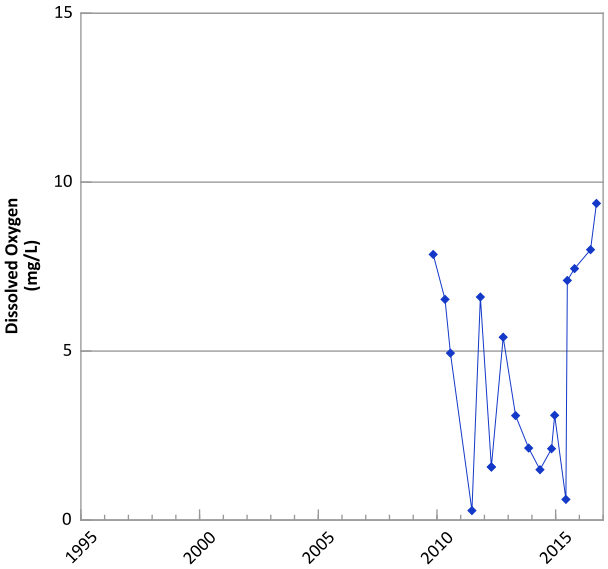
Well Location

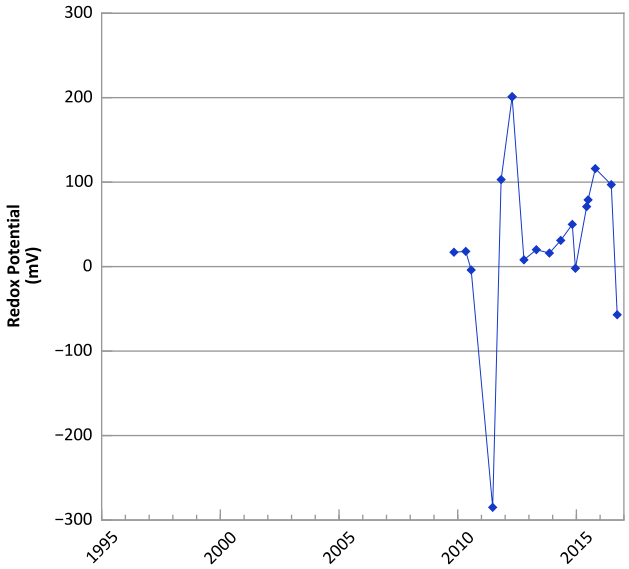


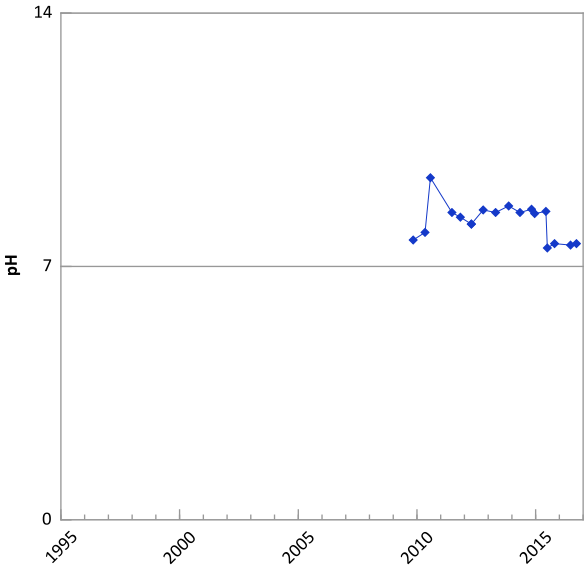
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 10/15/2009 to 10/25/2016
Analysis Date: 03/07/2017

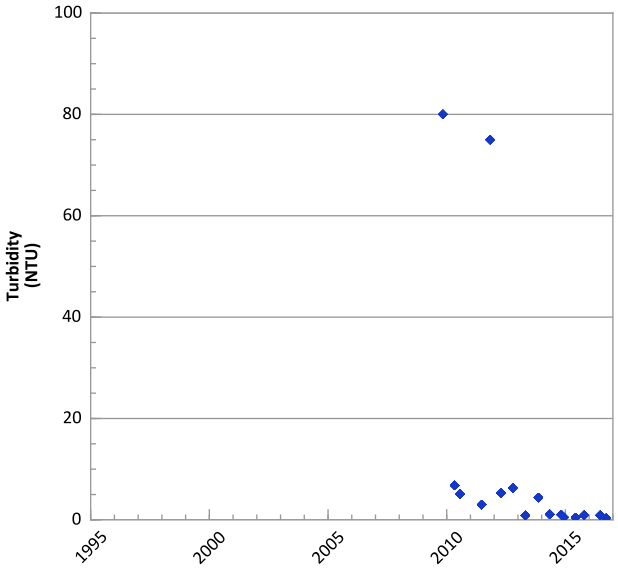
- ▲ Measured Value
- ● Sample Detection Limit
- - - - - Concentration Trend
- ——— Groundwater Protection Standard

PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



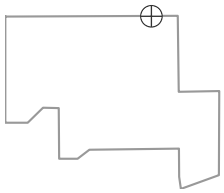






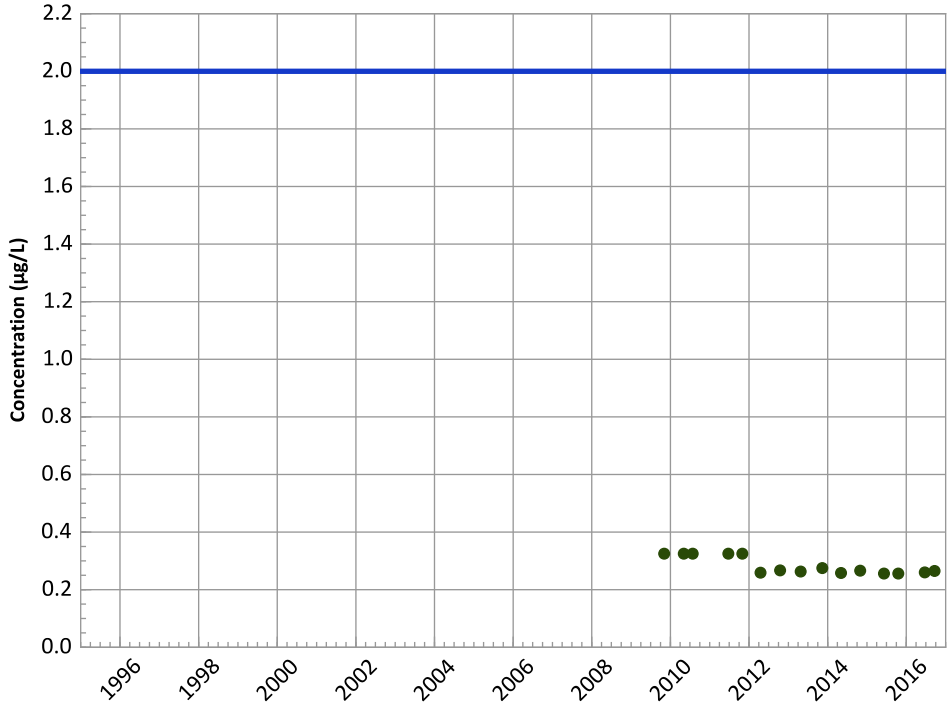
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/04/2009 to 09/20/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

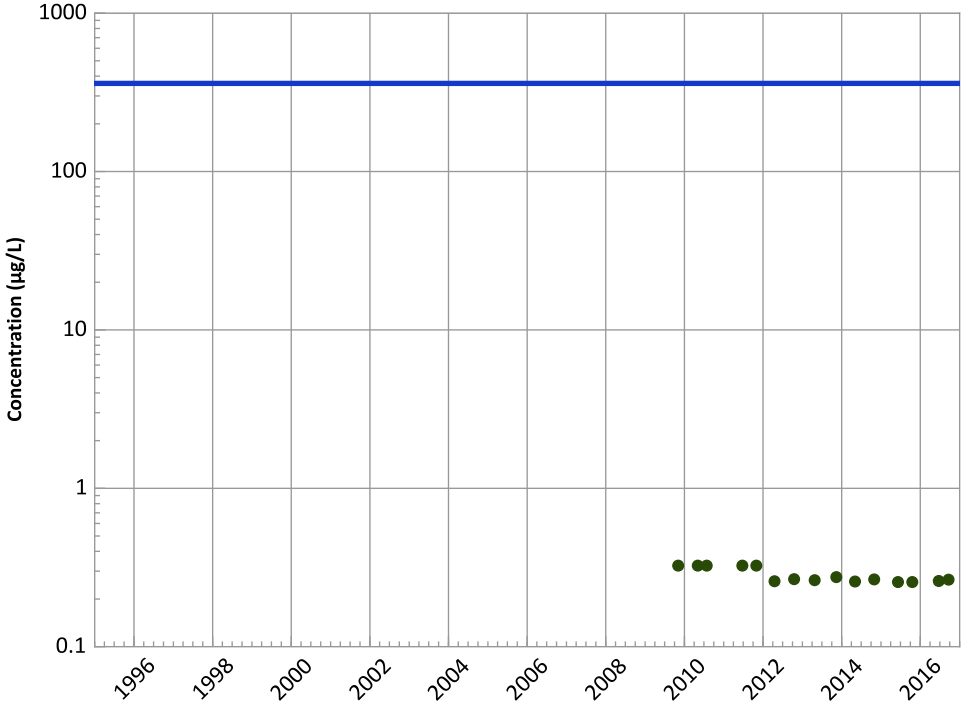


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

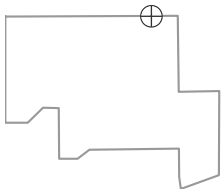
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/04/2009 to 09/20/2016
Analysis Date: 03/07/2017

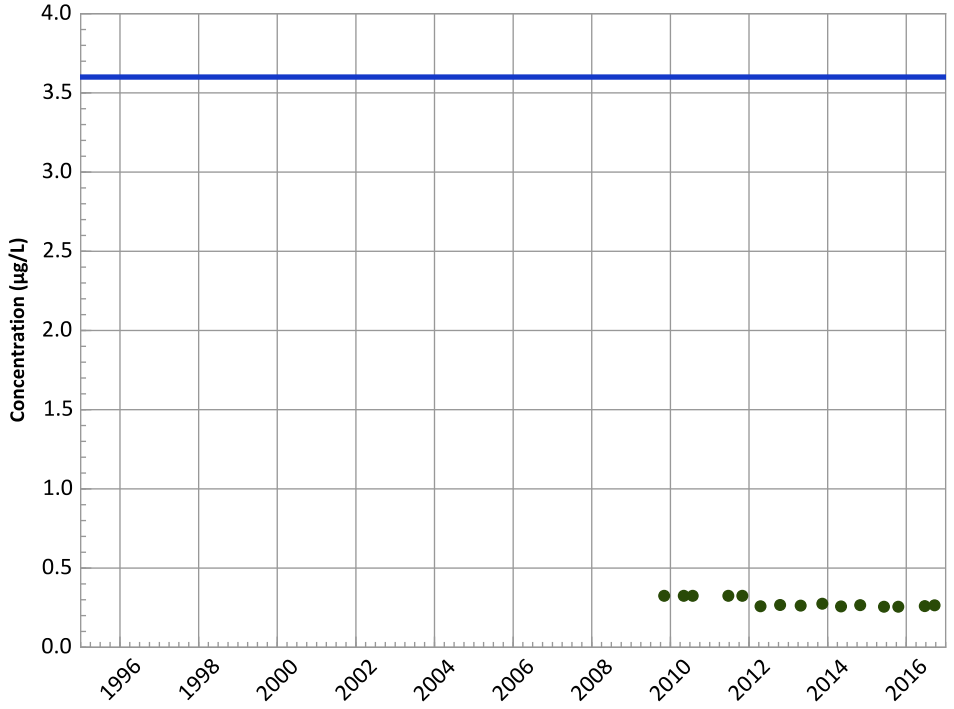
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

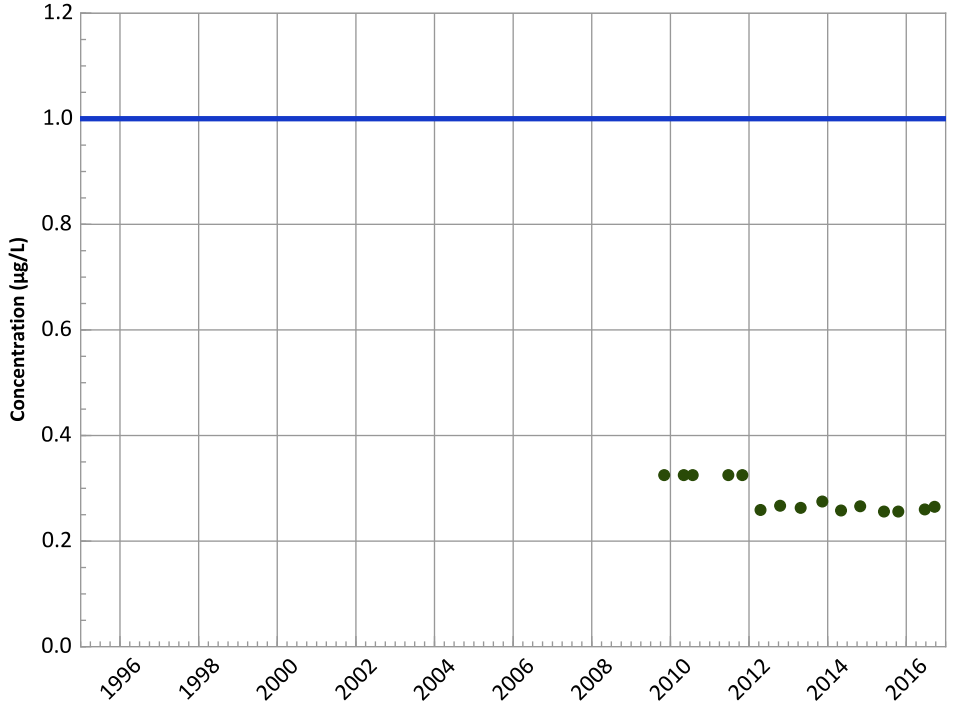


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

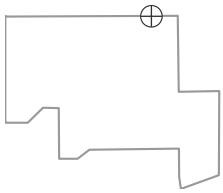
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/04/2009 to 09/20/2016
Analysis Date: 03/07/2017

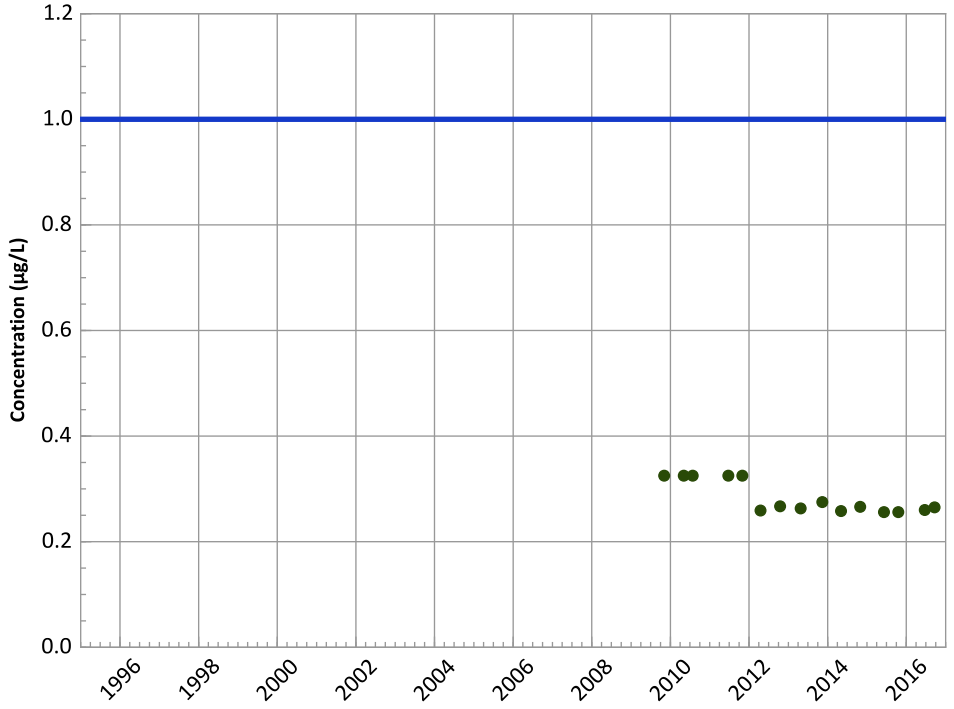
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

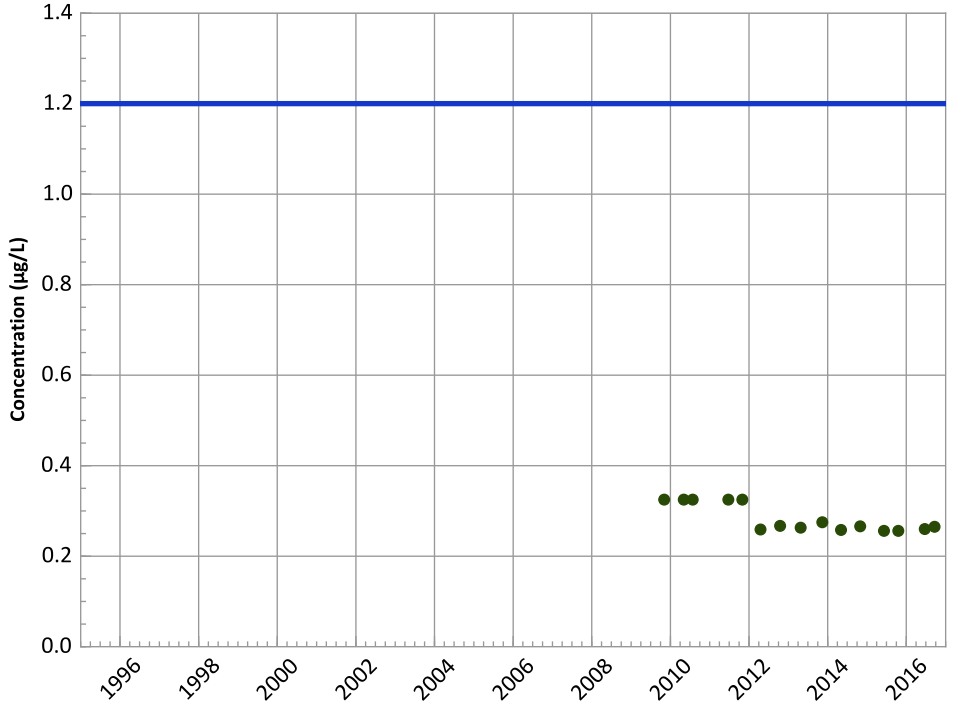


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

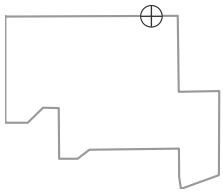
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/04/2009 to 09/20/2016
Analysis Date: 03/07/2017

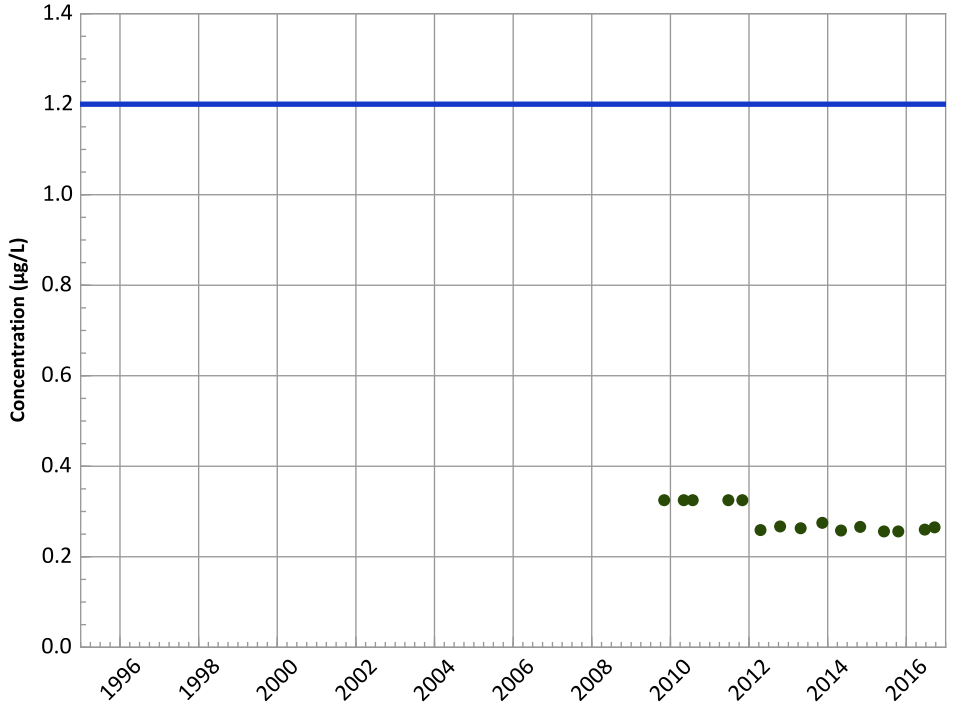
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

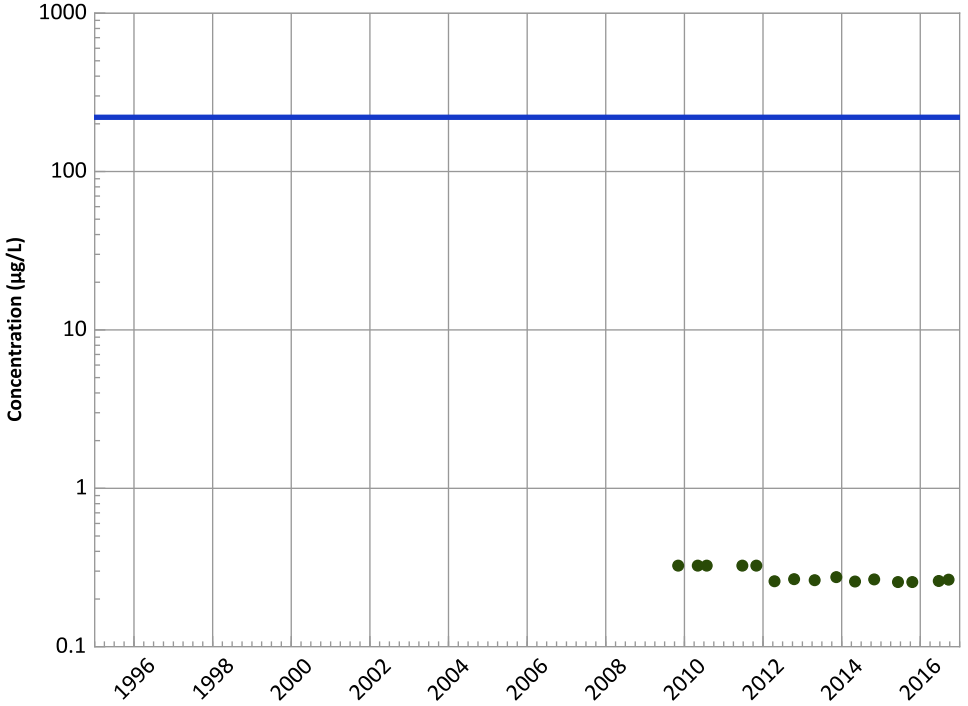


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

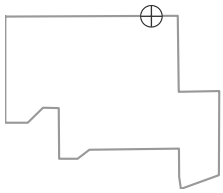
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/04/2009 to 09/20/2016
Analysis Date: 03/07/2017

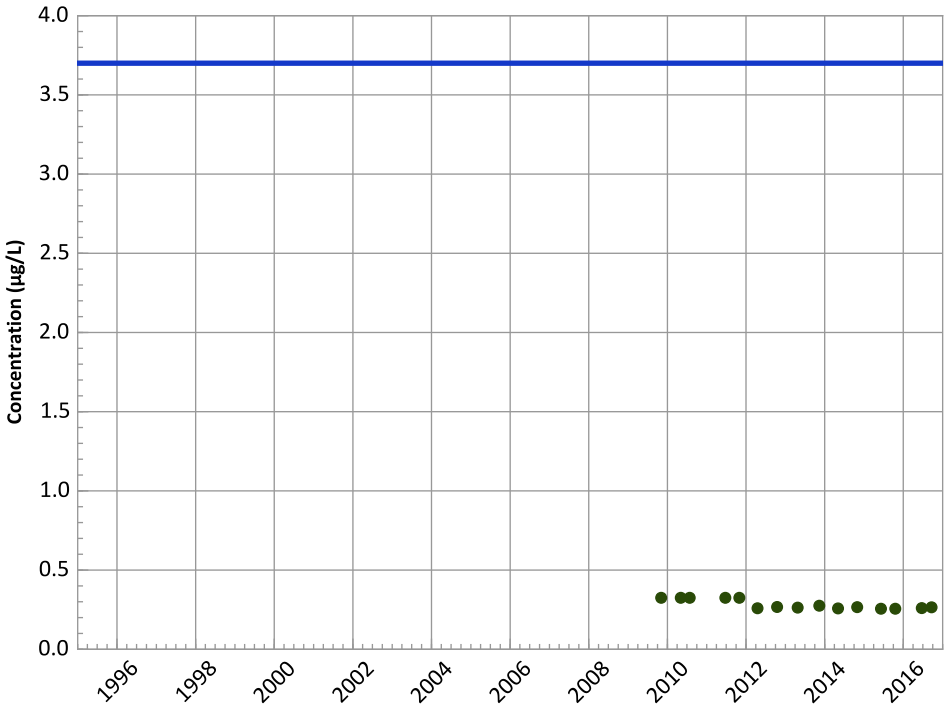
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

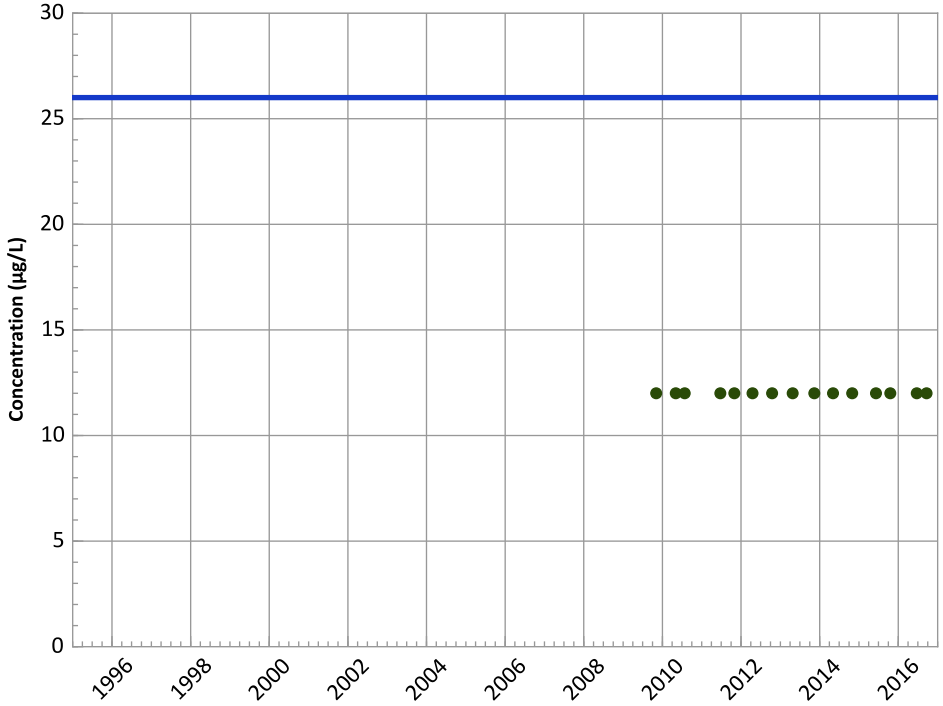


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

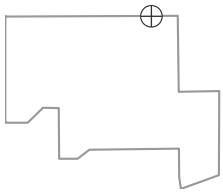
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/04/2009 to 09/20/2016
Analysis Date: 03/07/2017

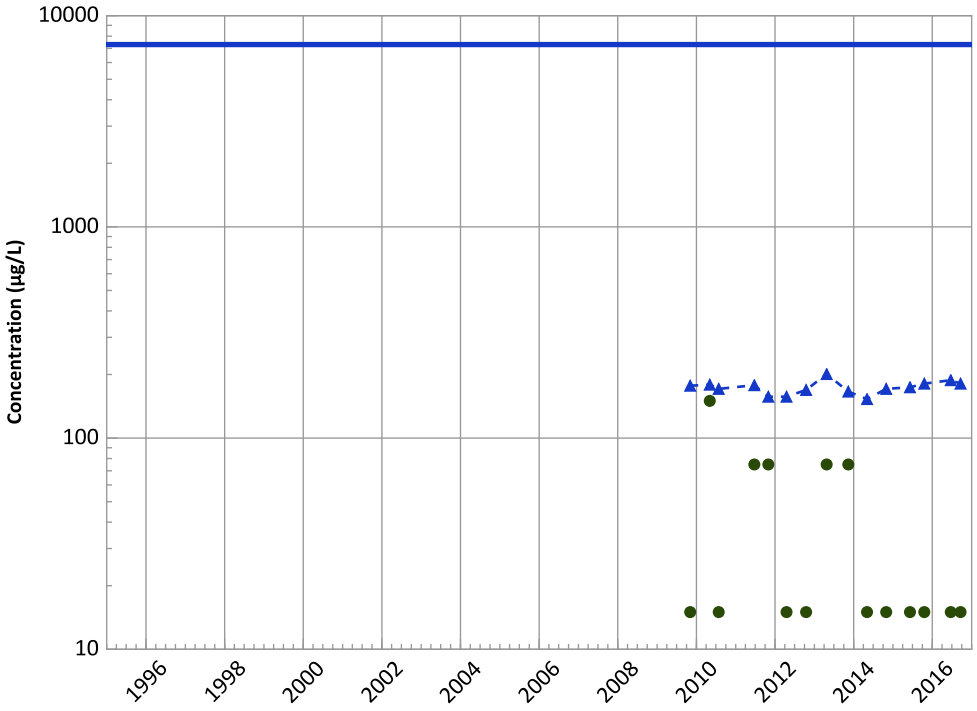
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

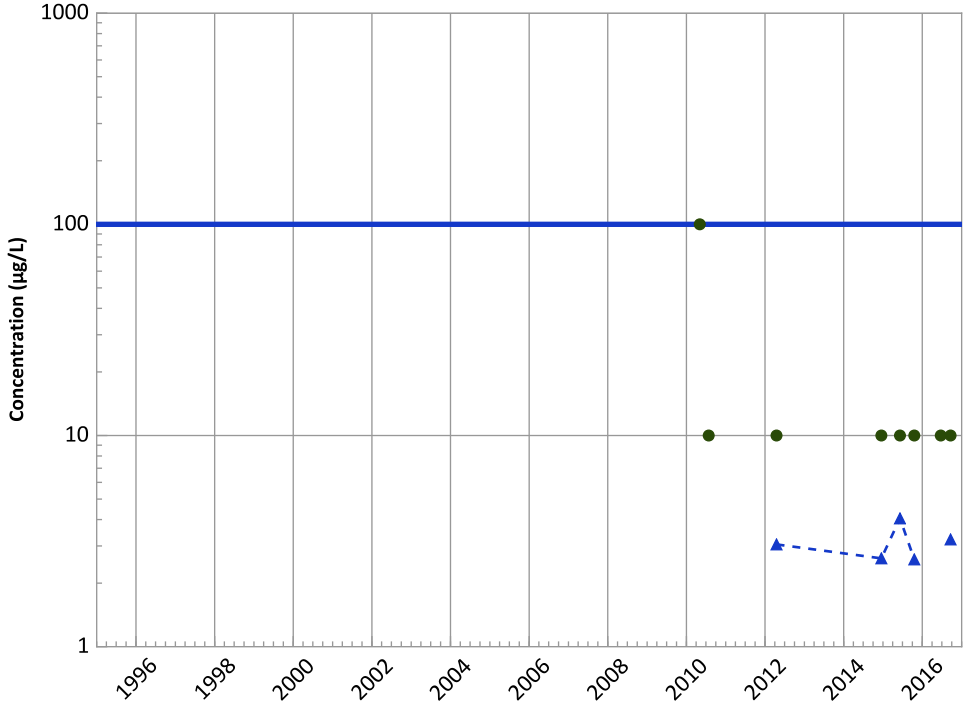


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Chromium, Total Trend



Concentration Trend

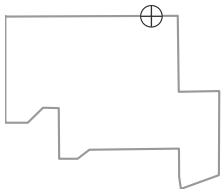
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/04/2009 to 09/20/2016
Analysis Date: 03/07/2017

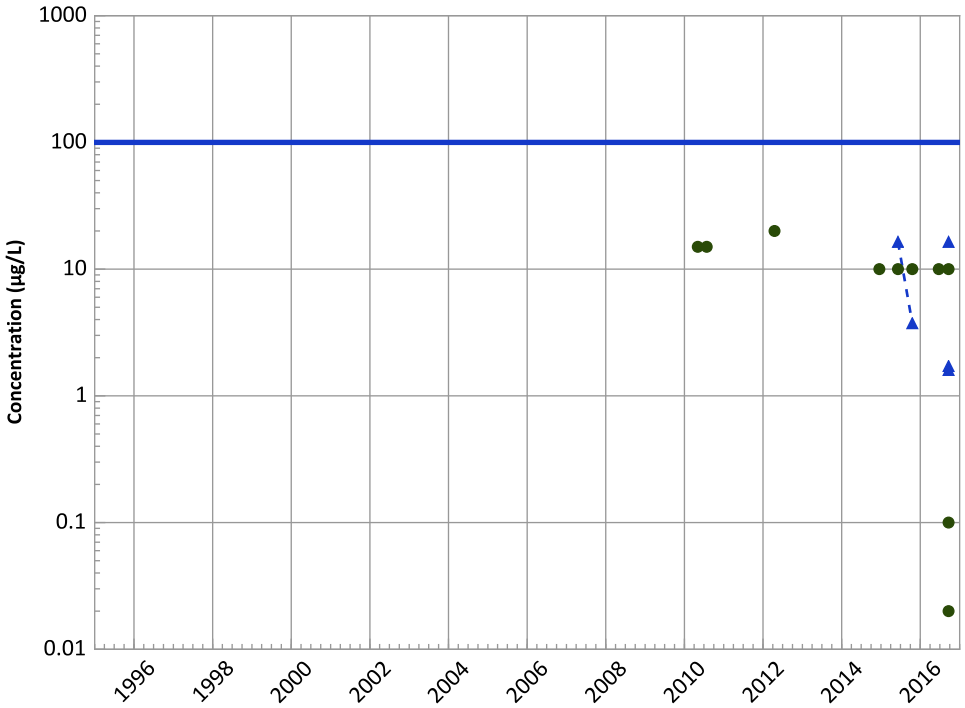
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

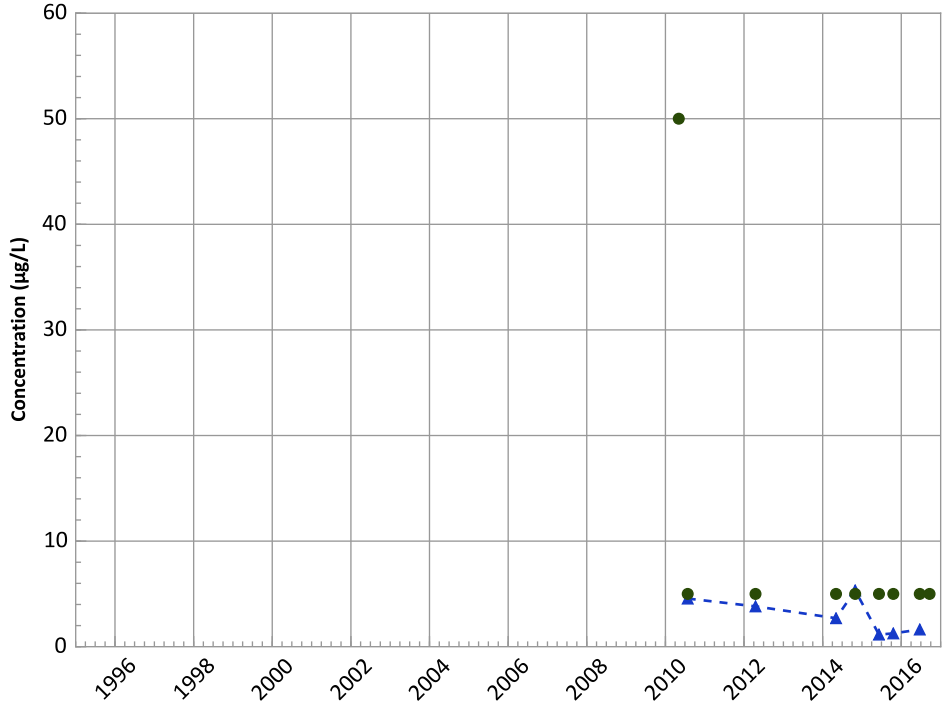


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

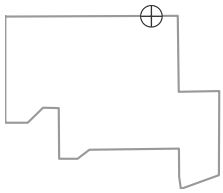
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/04/2009 to 09/20/2016
Analysis Date: 03/07/2017

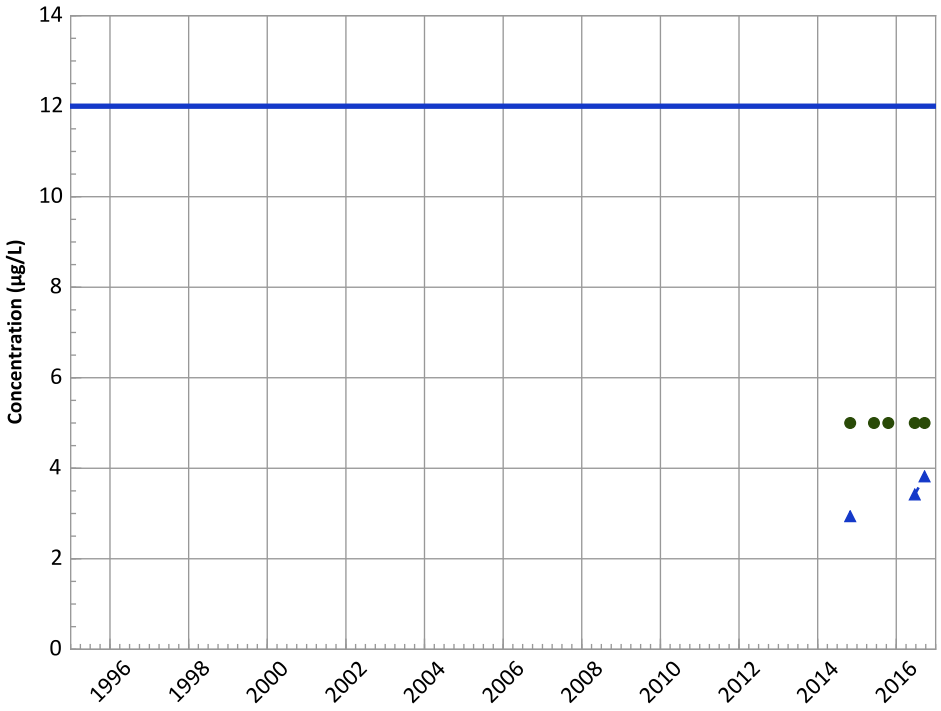
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

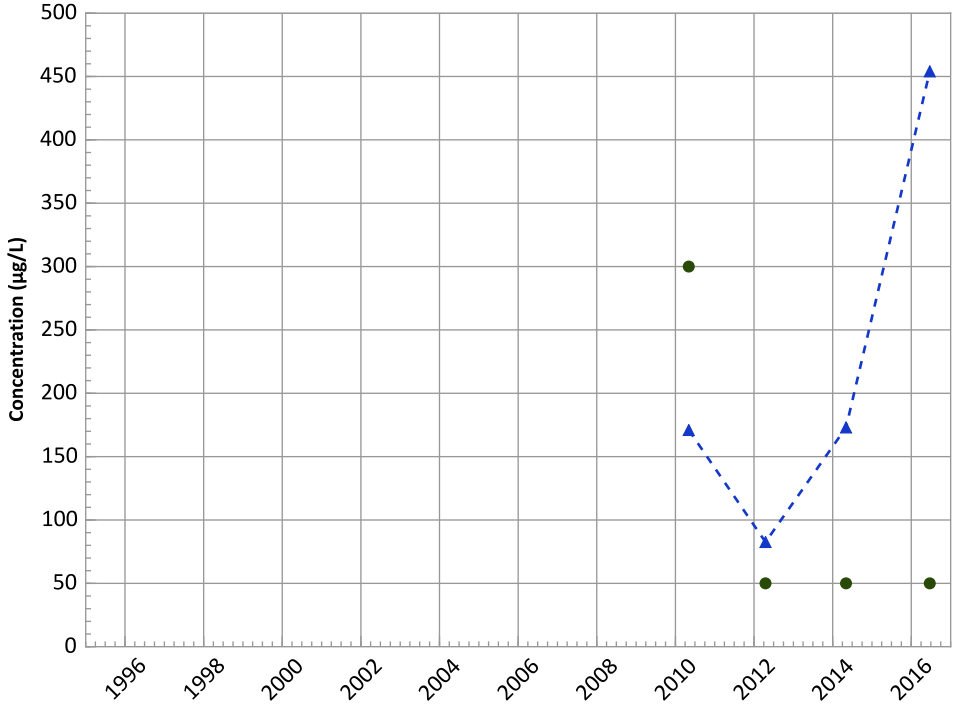


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Aluminum Trend



Concentration Trend

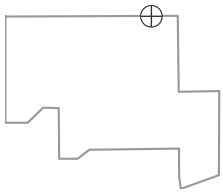
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/04/2009 to 09/20/2016
Analysis Date: 03/07/2017

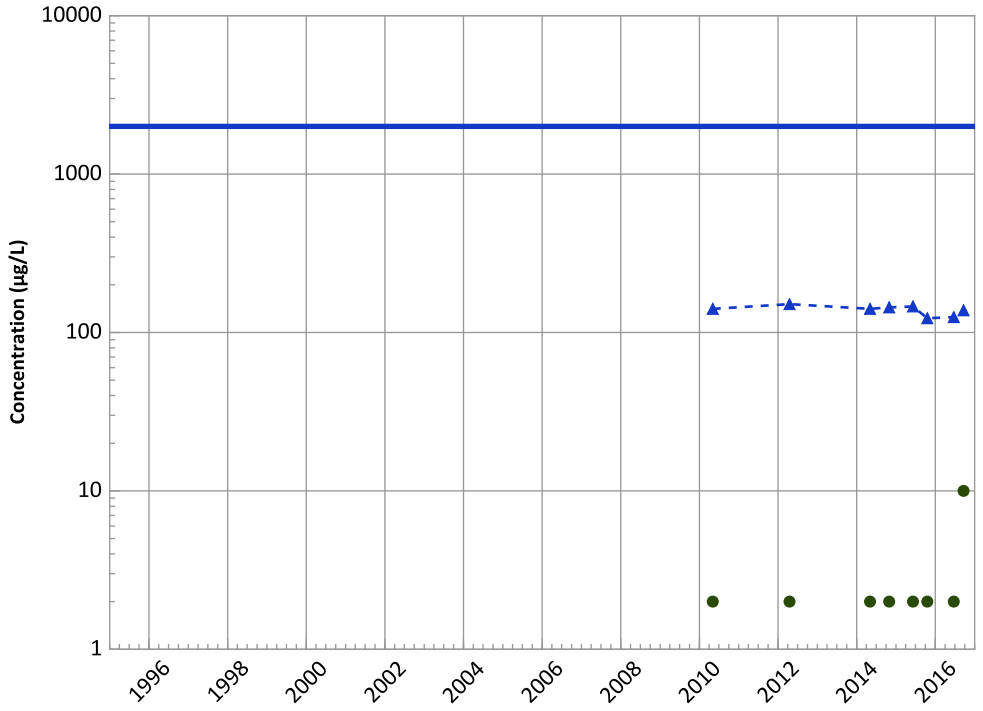
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

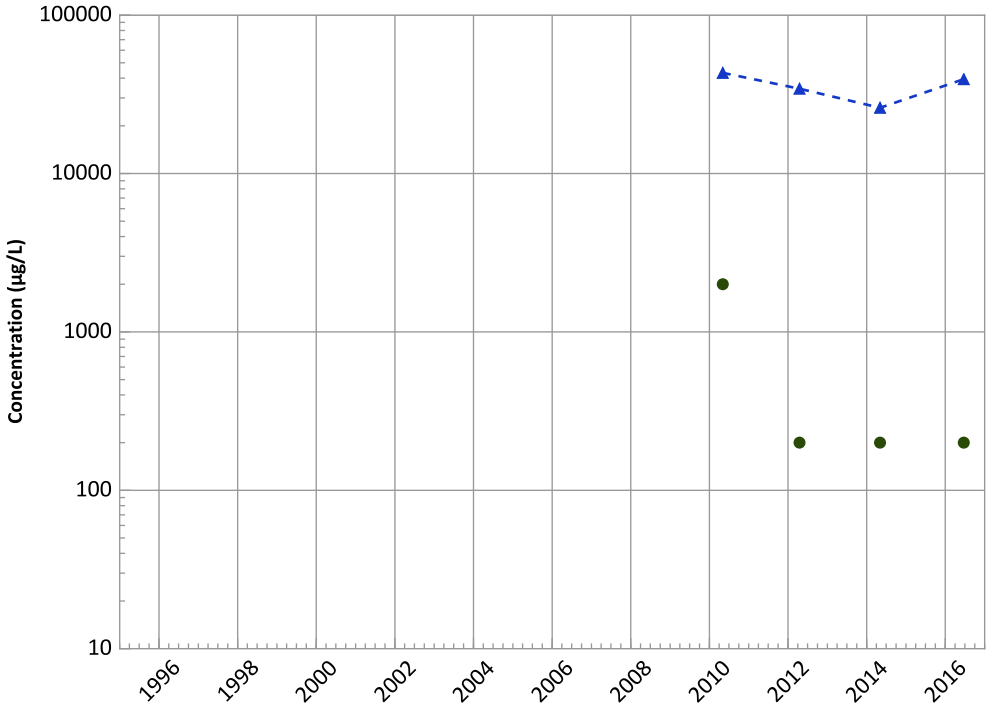


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

Calcium Trend



Concentration Trend

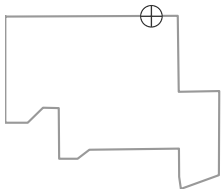
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/04/2009 to 09/20/2016
Analysis Date: 03/07/2017

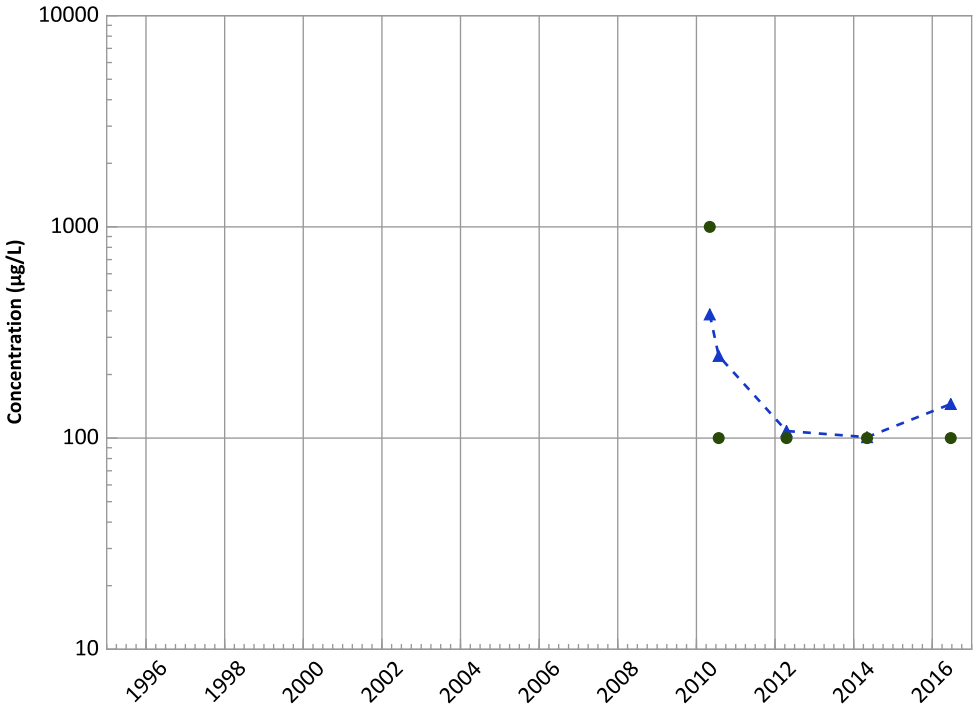
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

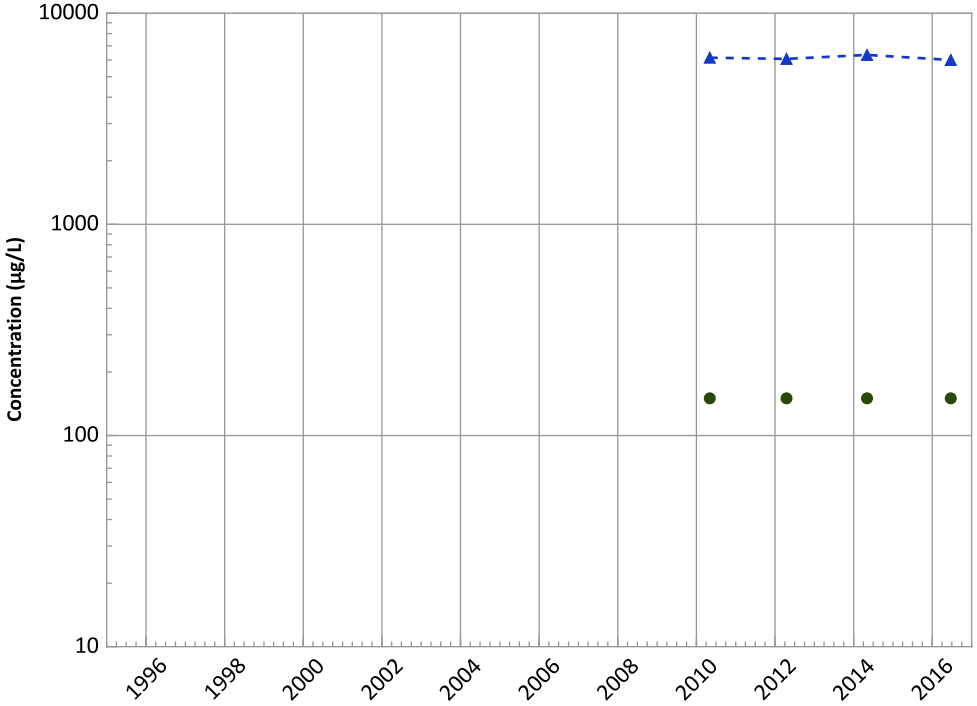


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Potassium Trend



Concentration Trend

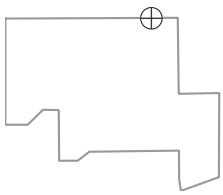
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/04/2009 to 09/20/2016
Analysis Date: 03/07/2017

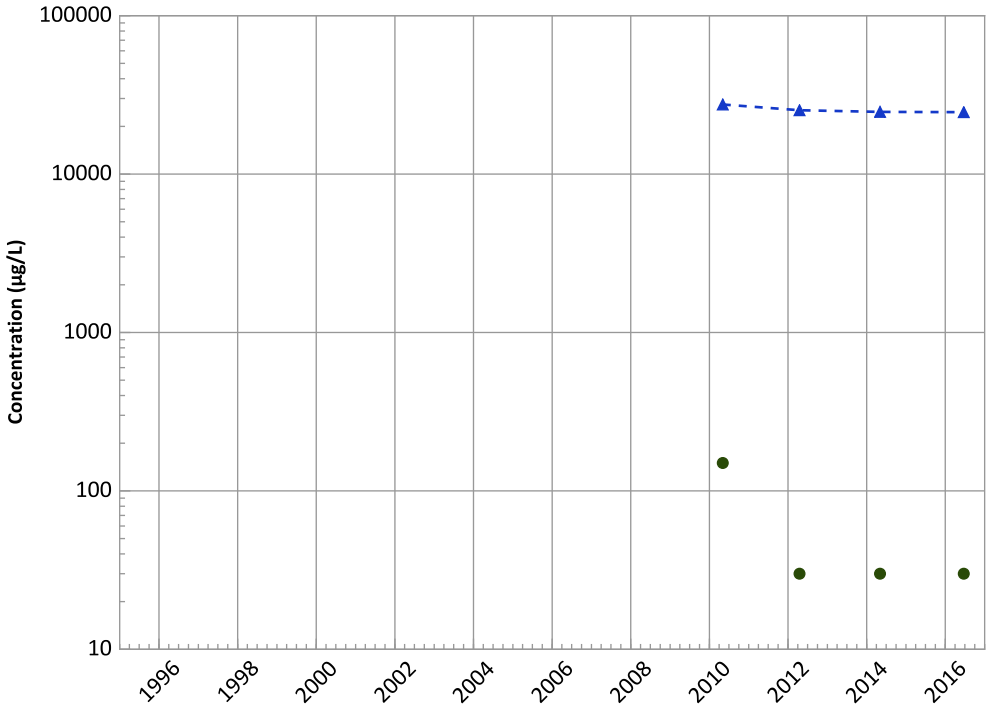
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

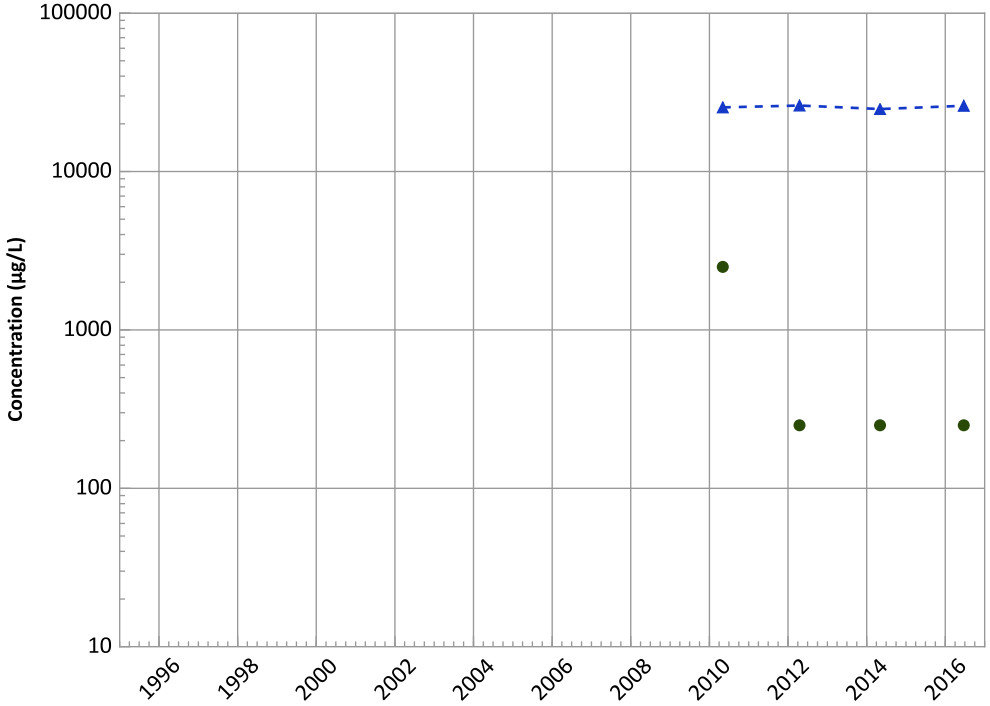


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Probably Decreasing

Sodium Trend



Concentration Trend

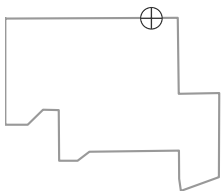
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/04/2009 to 09/20/2016
Analysis Date: 03/07/2017

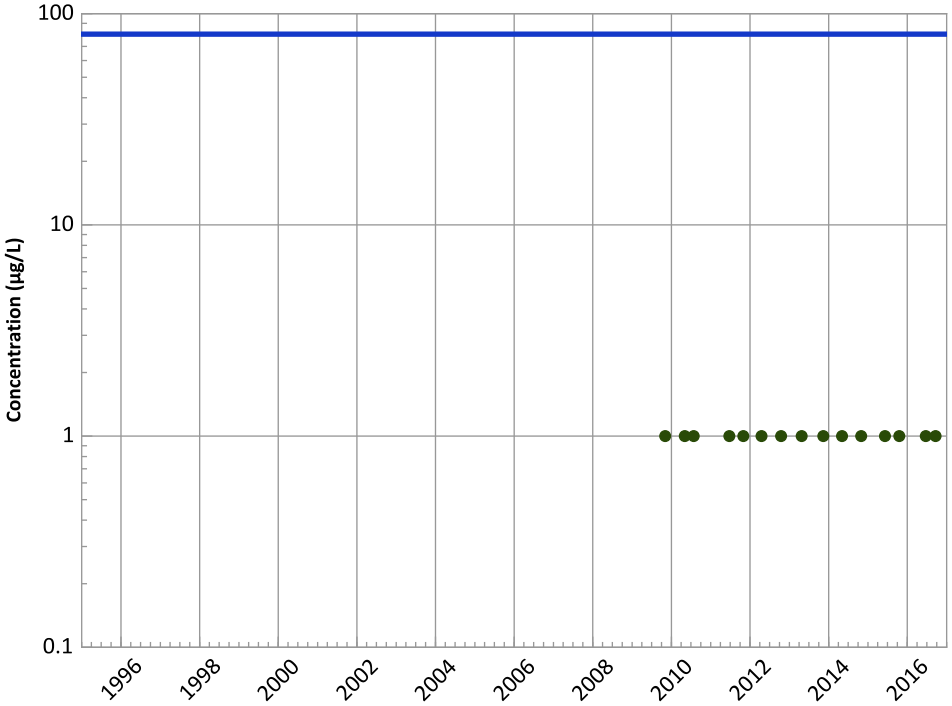
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

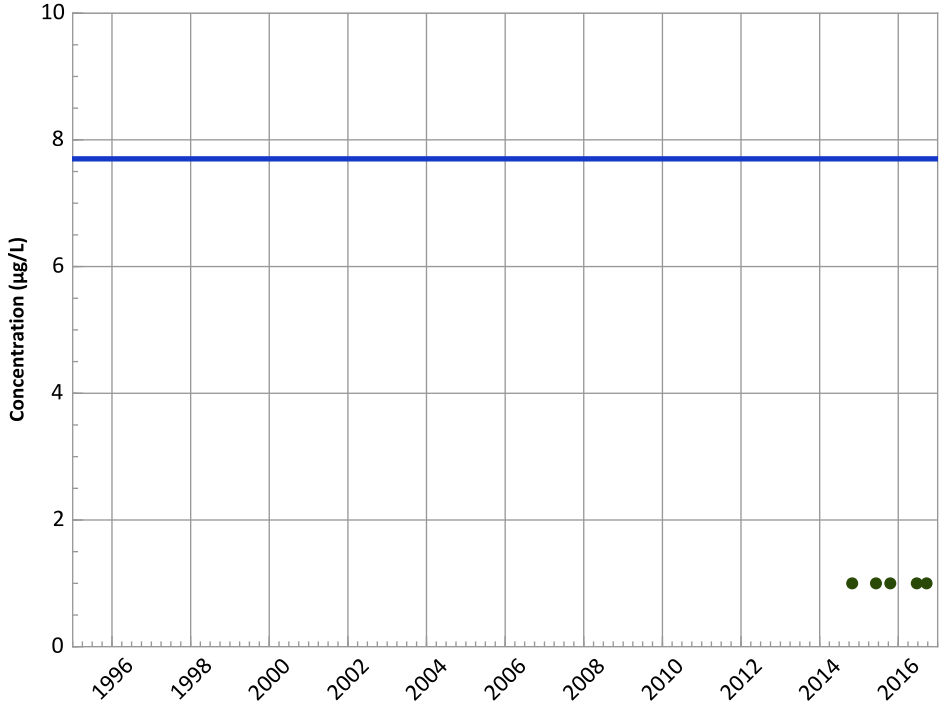


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

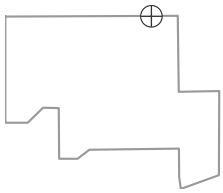
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/04/2009 to 09/20/2016
Analysis Date: 03/07/2017

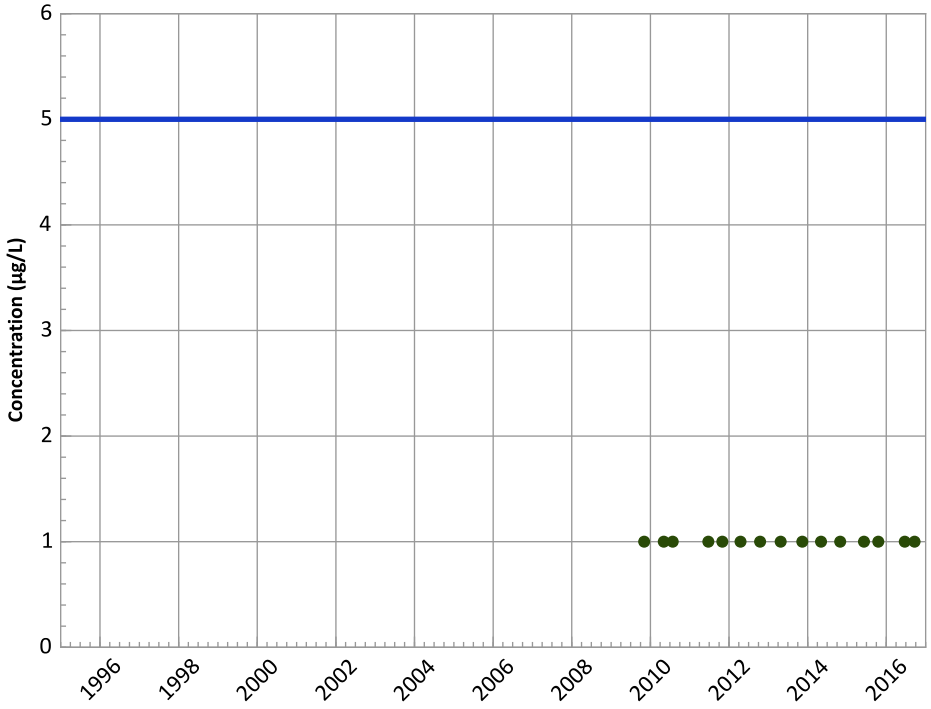
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

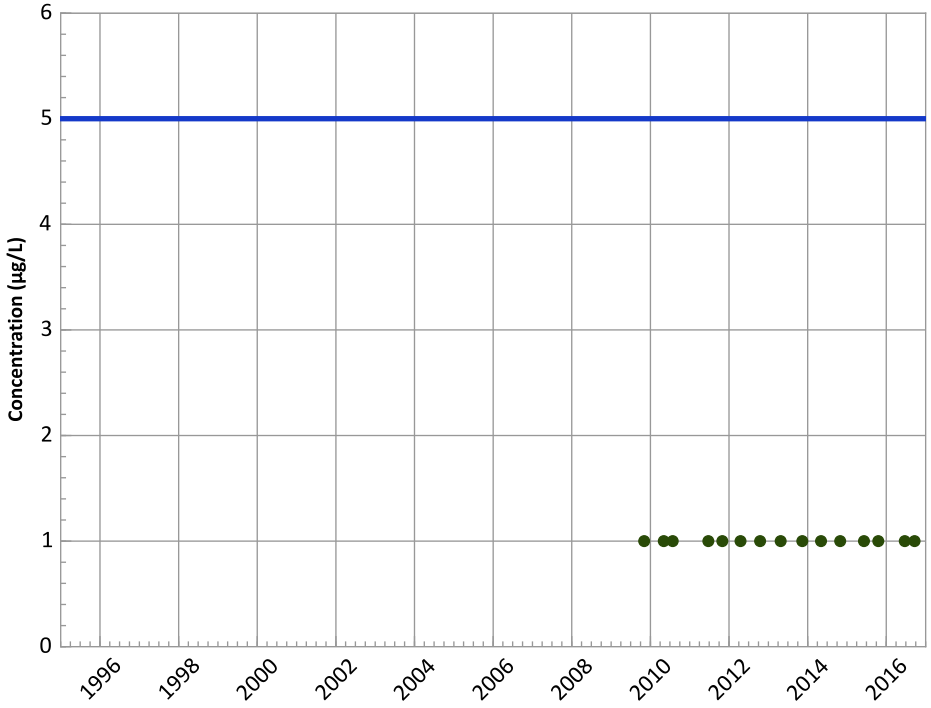


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend

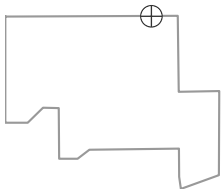


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Well Location

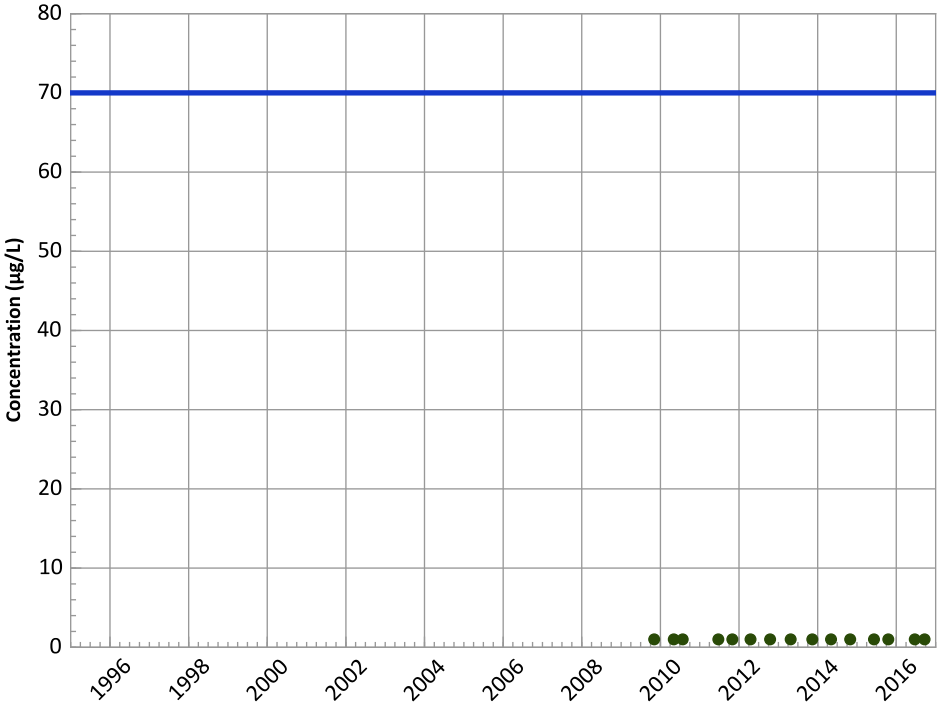


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/04/2009 to 09/20/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

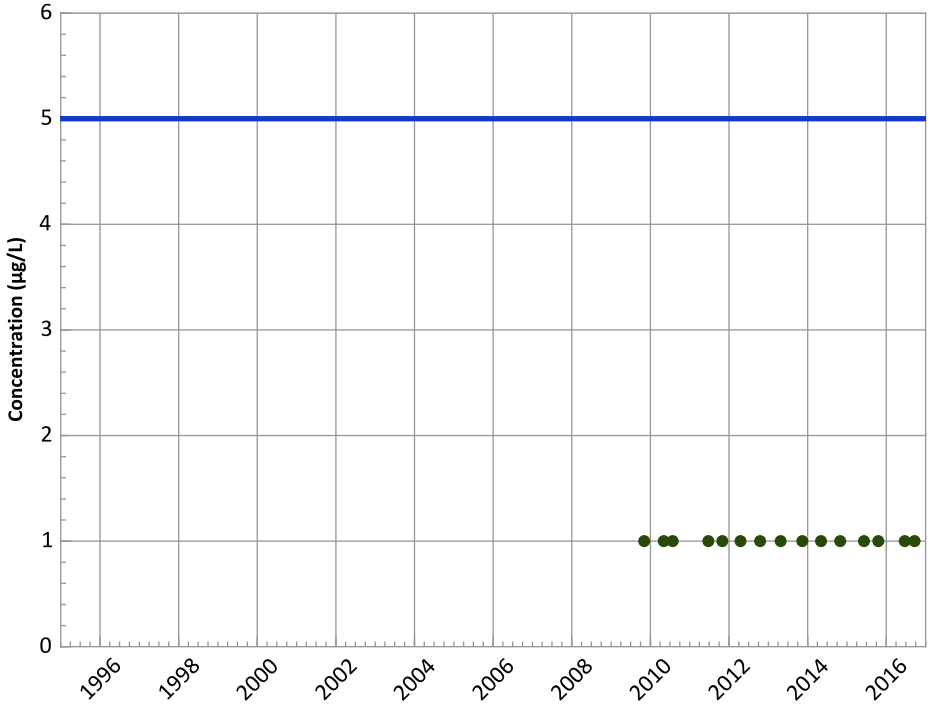


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

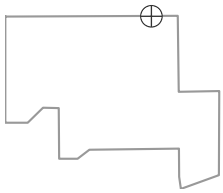
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/04/2009 to 09/20/2016
Analysis Date: 03/07/2017

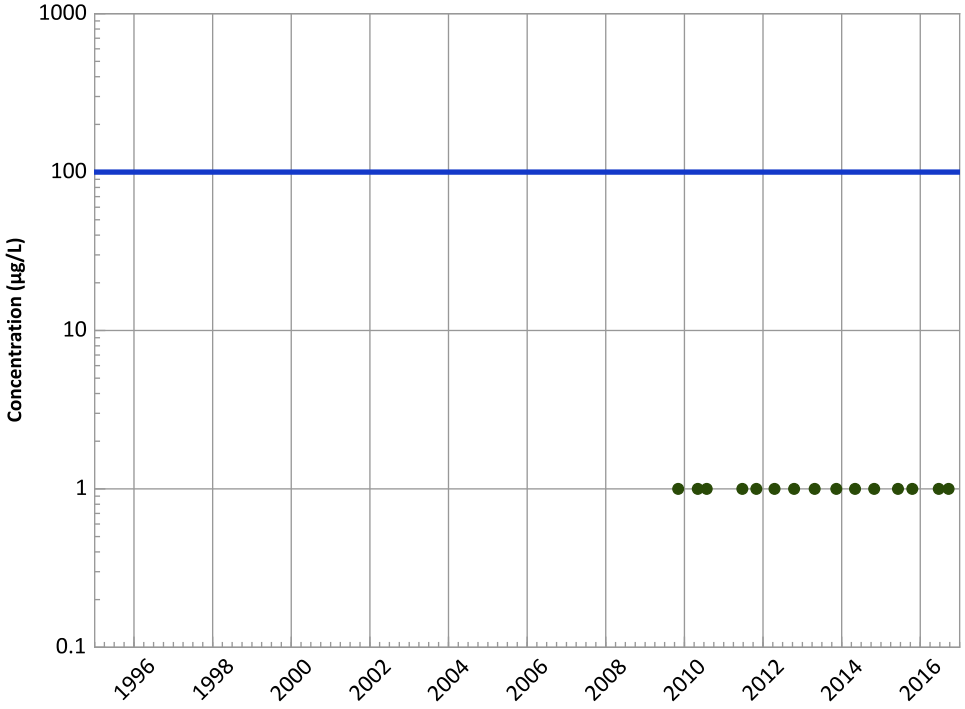
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

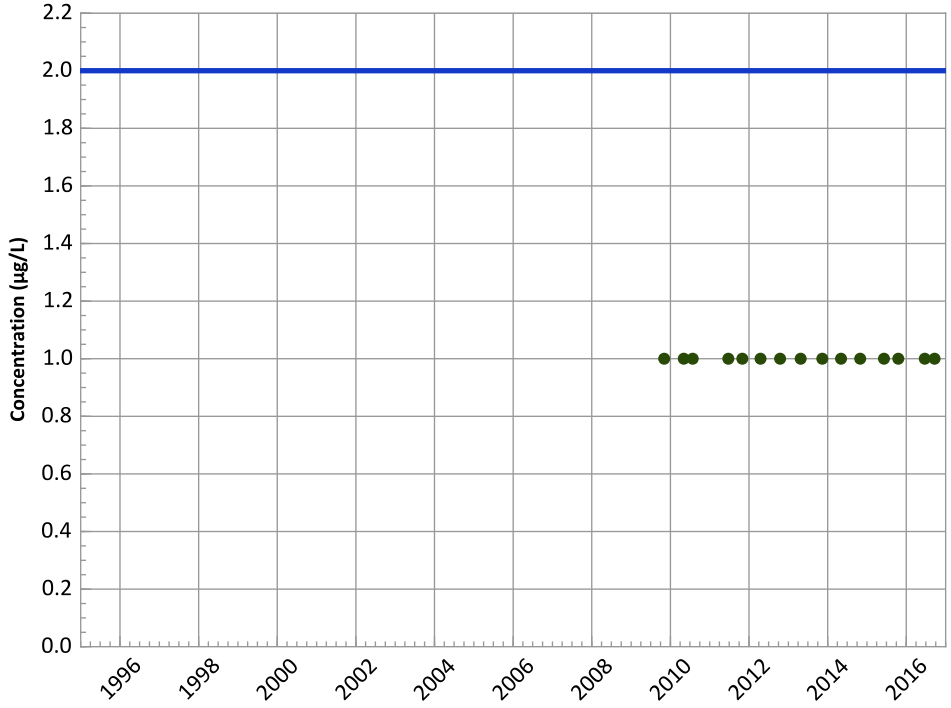


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

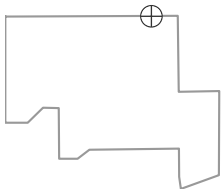
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

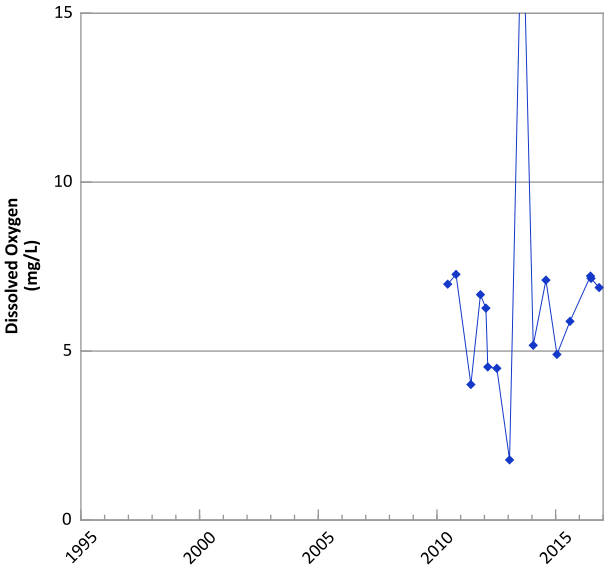
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 11/04/2009 to 09/20/2016
Analysis Date: 03/07/2017

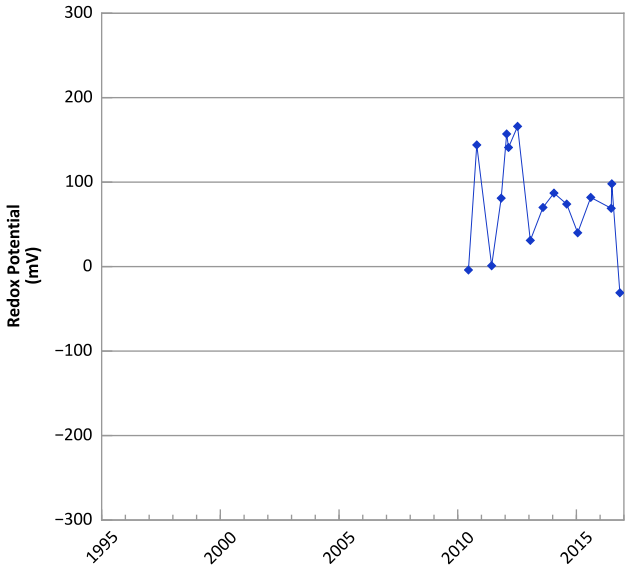
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

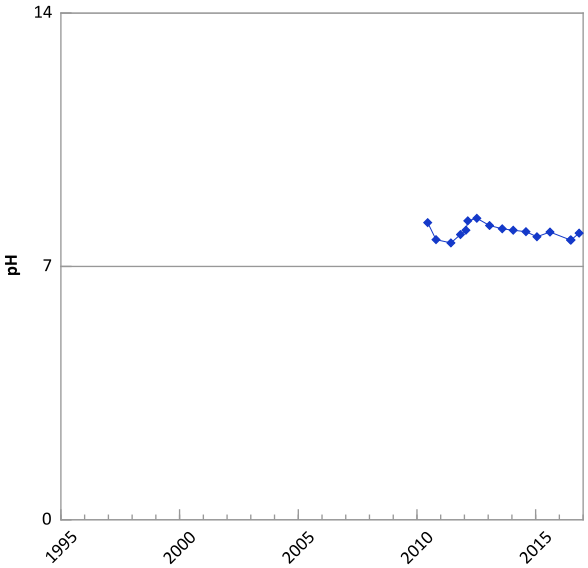
Well Location

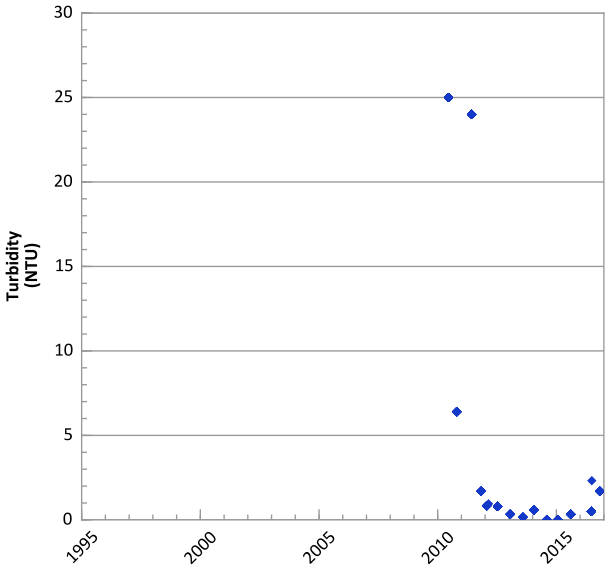


PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



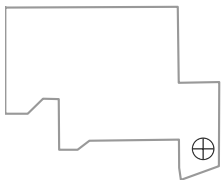






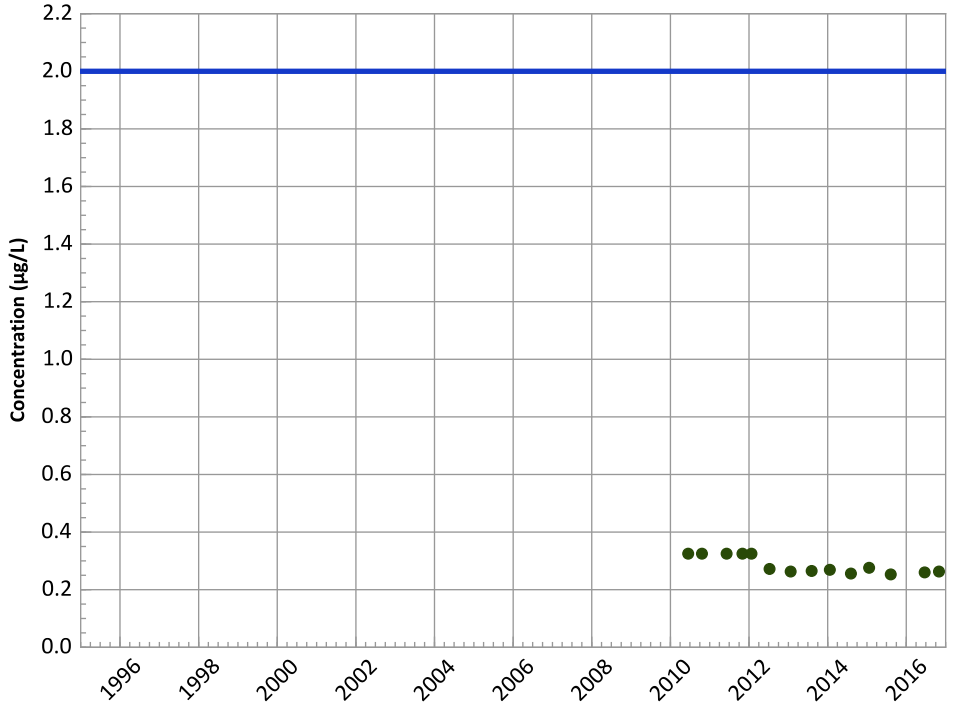
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2010 to 10/31/2016
Analysis Date: 03/07/2017

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

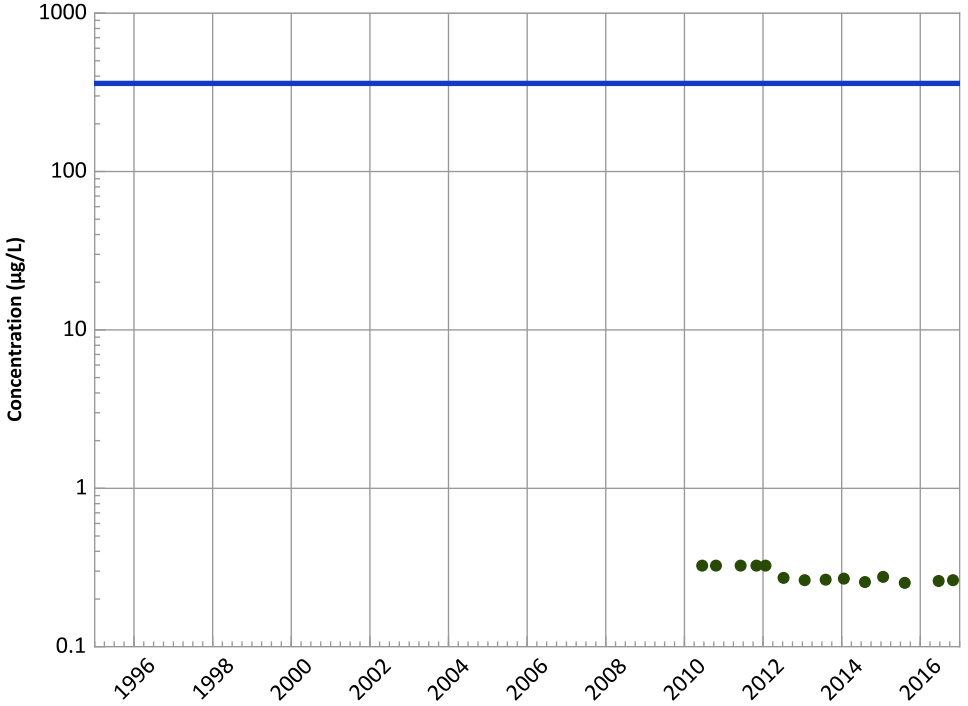


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

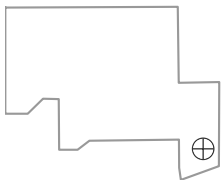
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2010 to 10/31/2016
Analysis Date: 03/07/2017

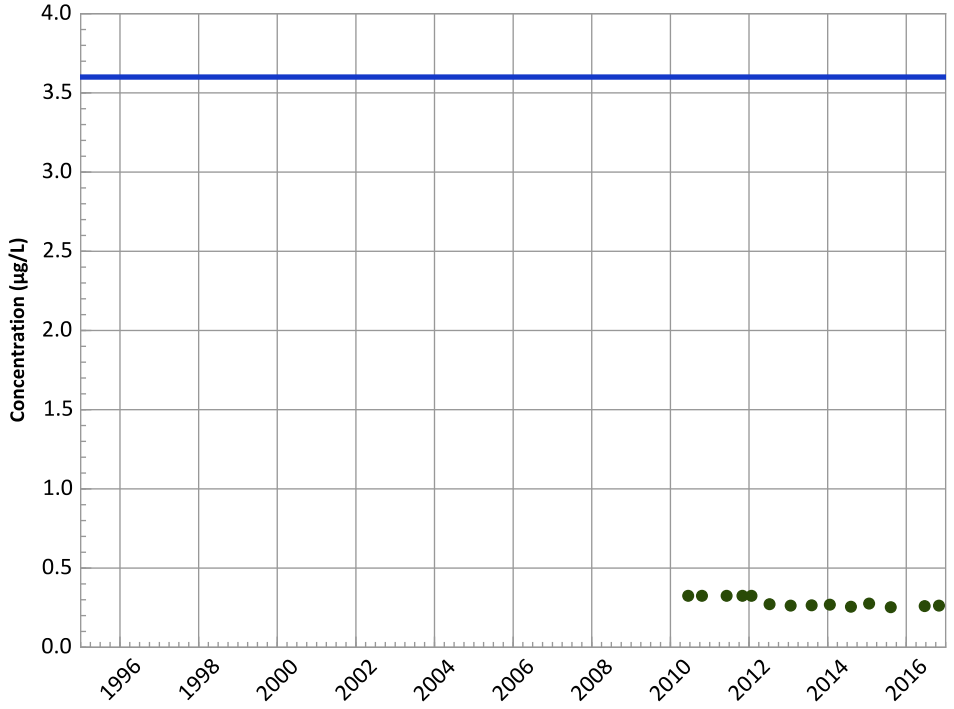
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

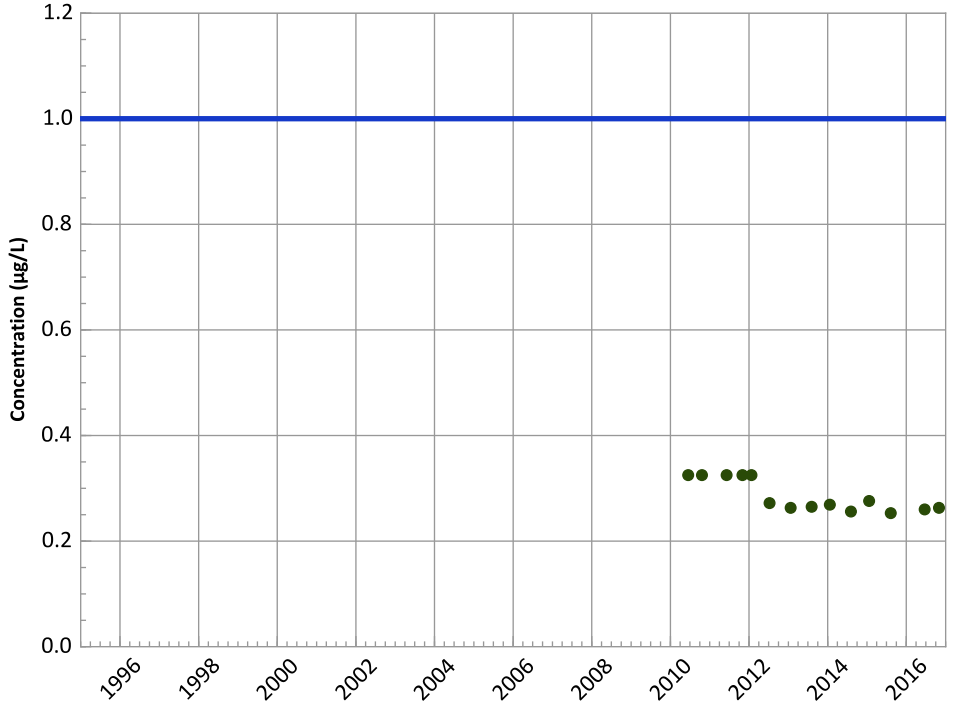


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

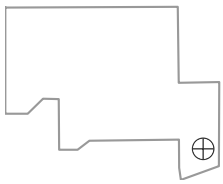
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2010 to 10/31/2016
Analysis Date: 03/07/2017

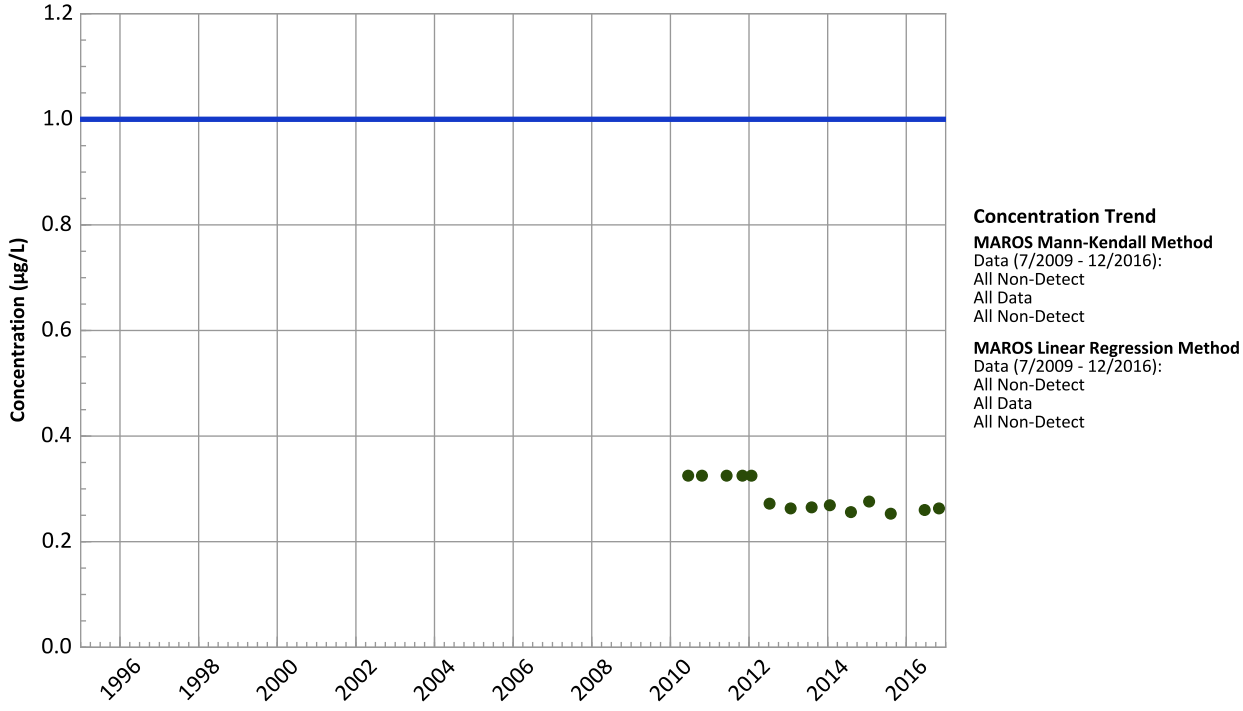
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

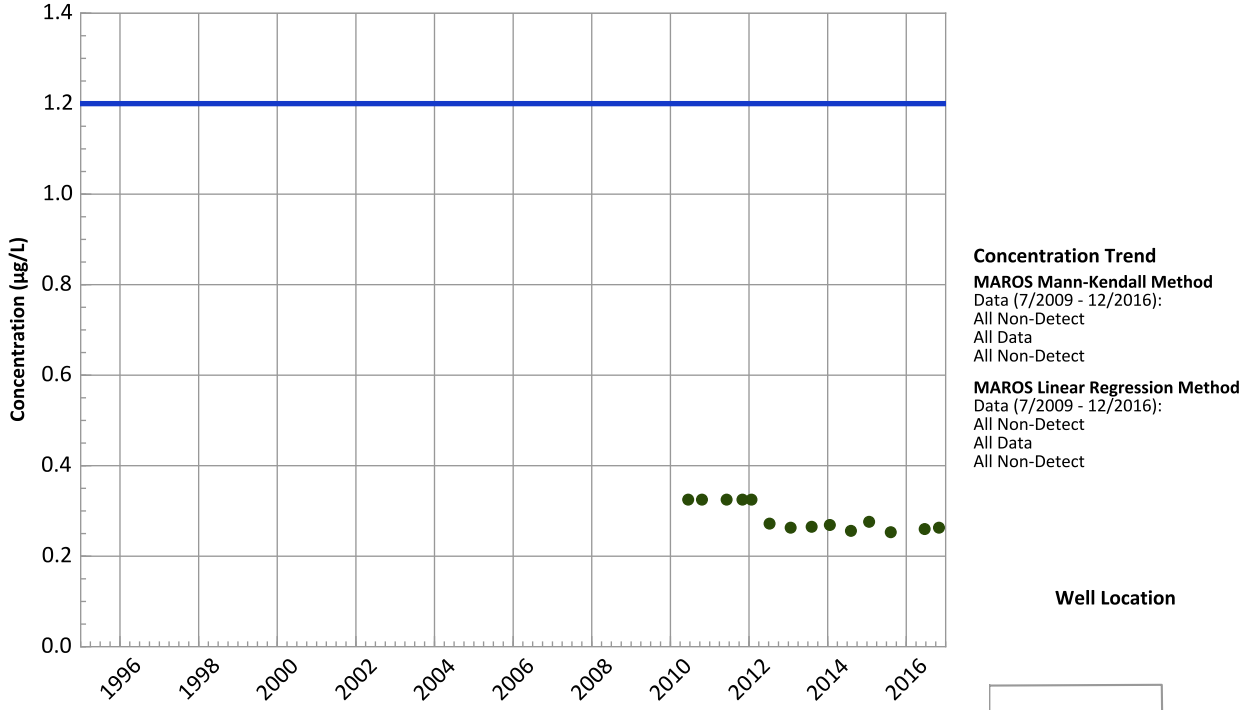


PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



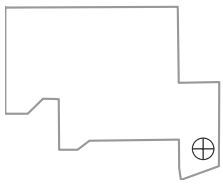
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2010 to 10/31/2016
Analysis Date: 03/07/2017

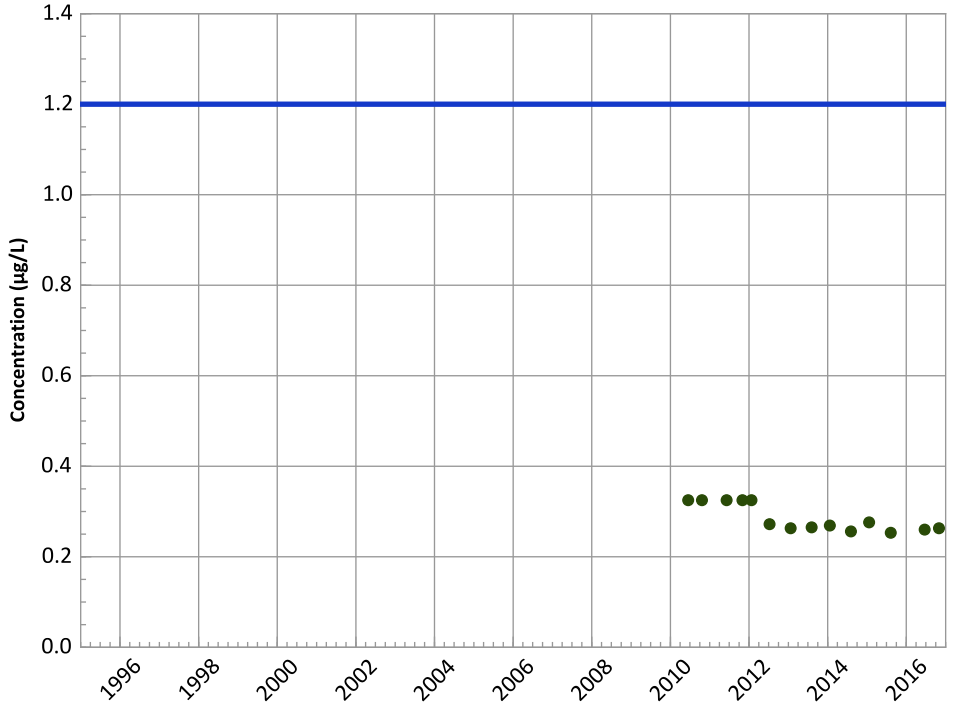
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

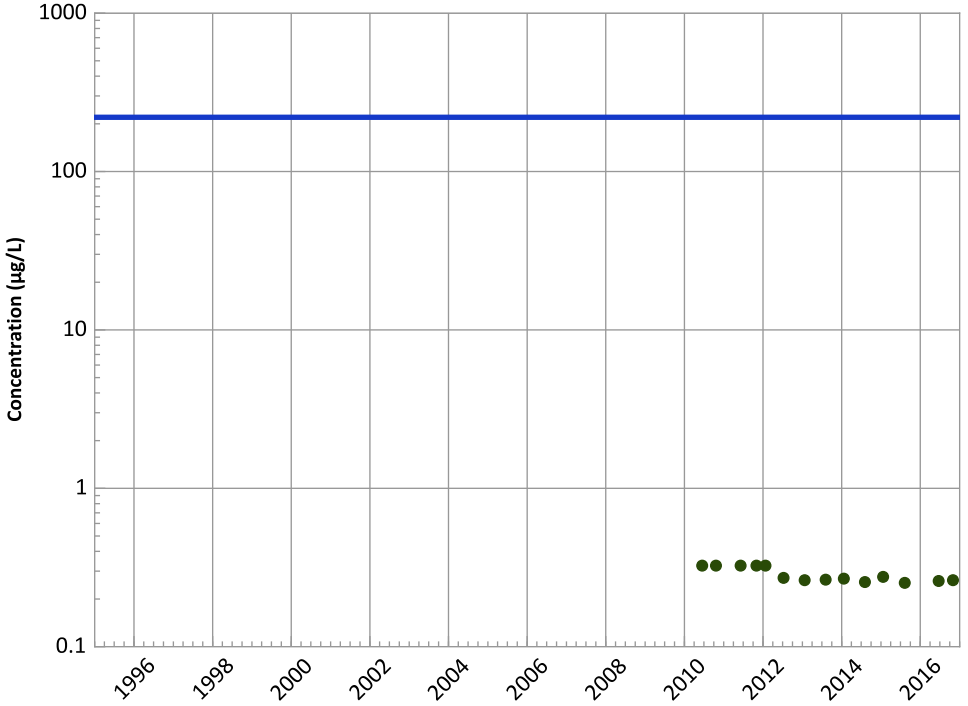


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

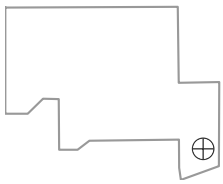
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2010 to 10/31/2016
Analysis Date: 03/07/2017

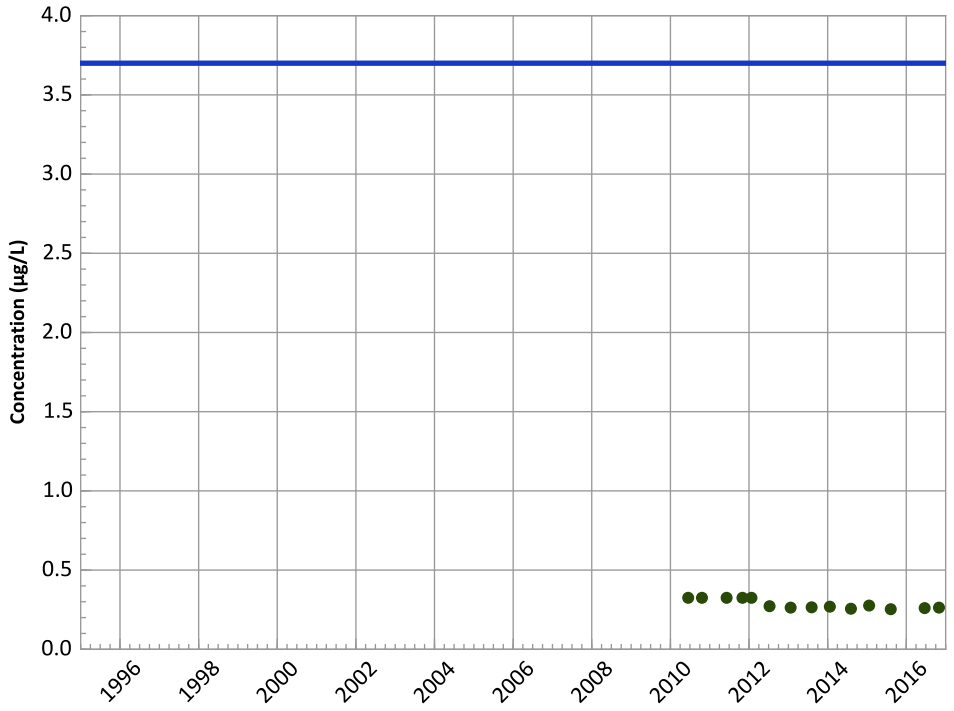
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

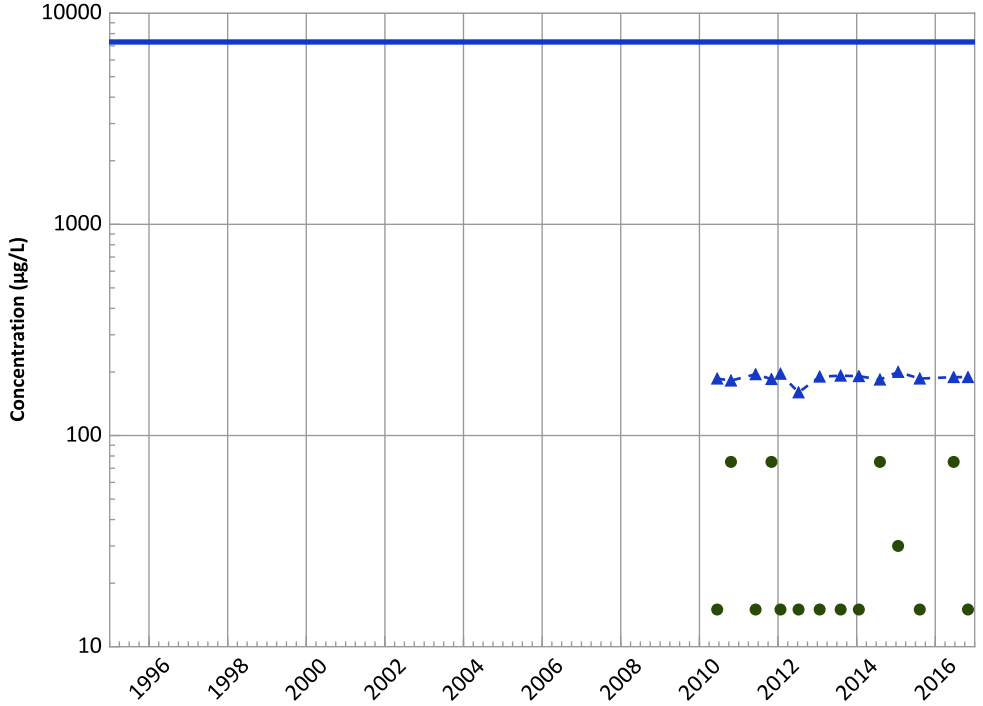


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Boron Trend



Concentration Trend

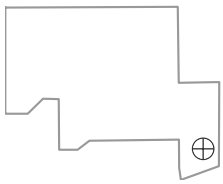
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2010 to 10/31/2016
Analysis Date: 03/07/2017

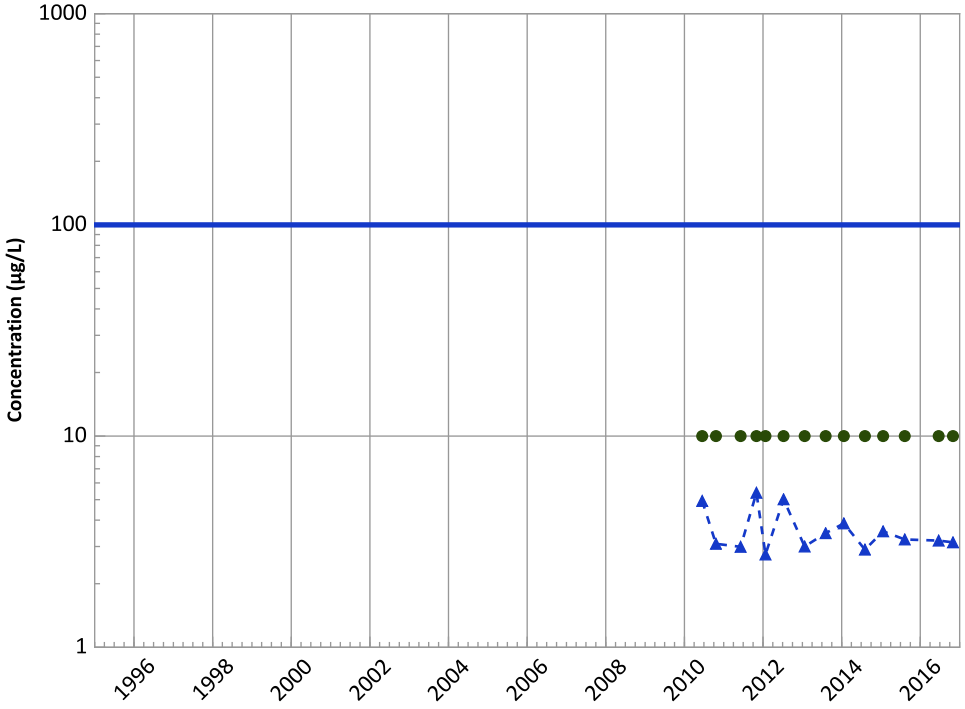
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

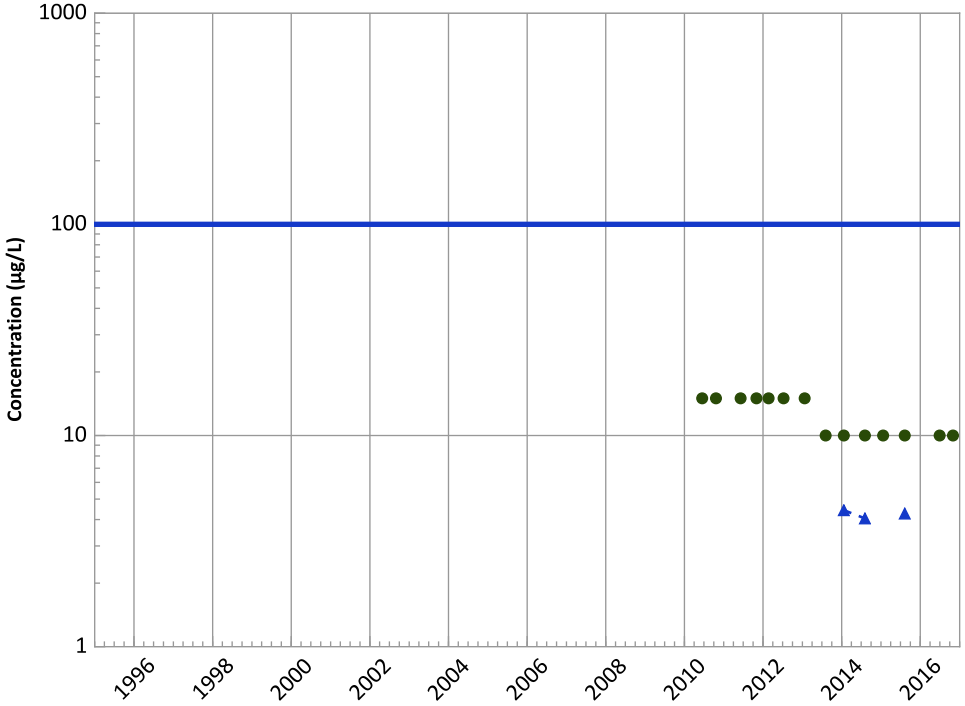


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Chromium, Hexavalent Trend



Concentration Trend

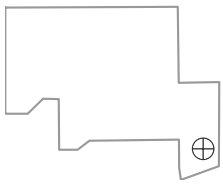
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2010 to 10/31/2016
Analysis Date: 03/07/2017

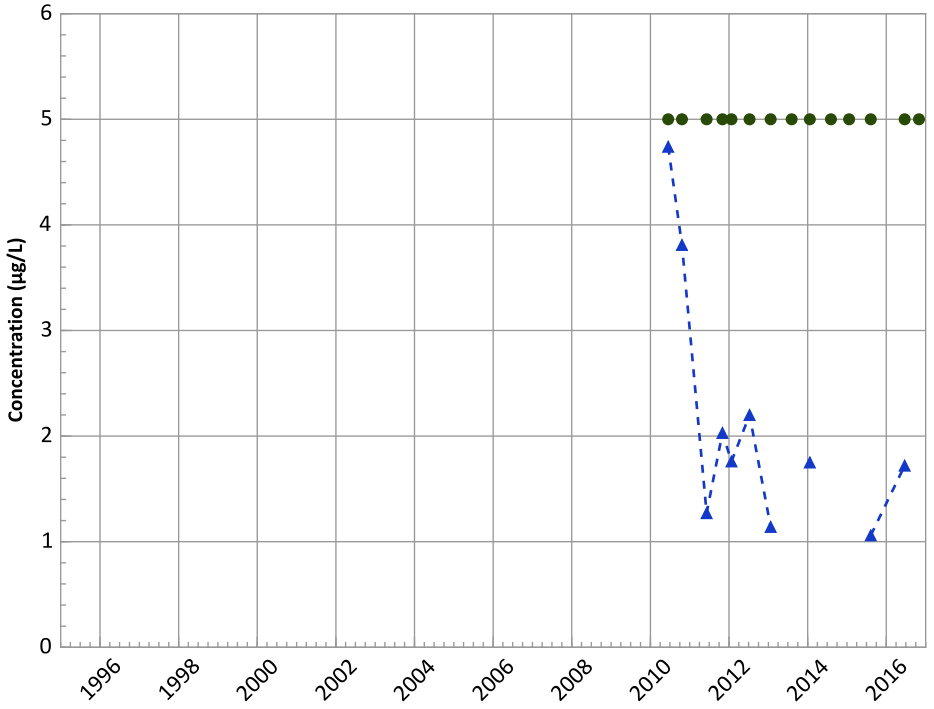
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

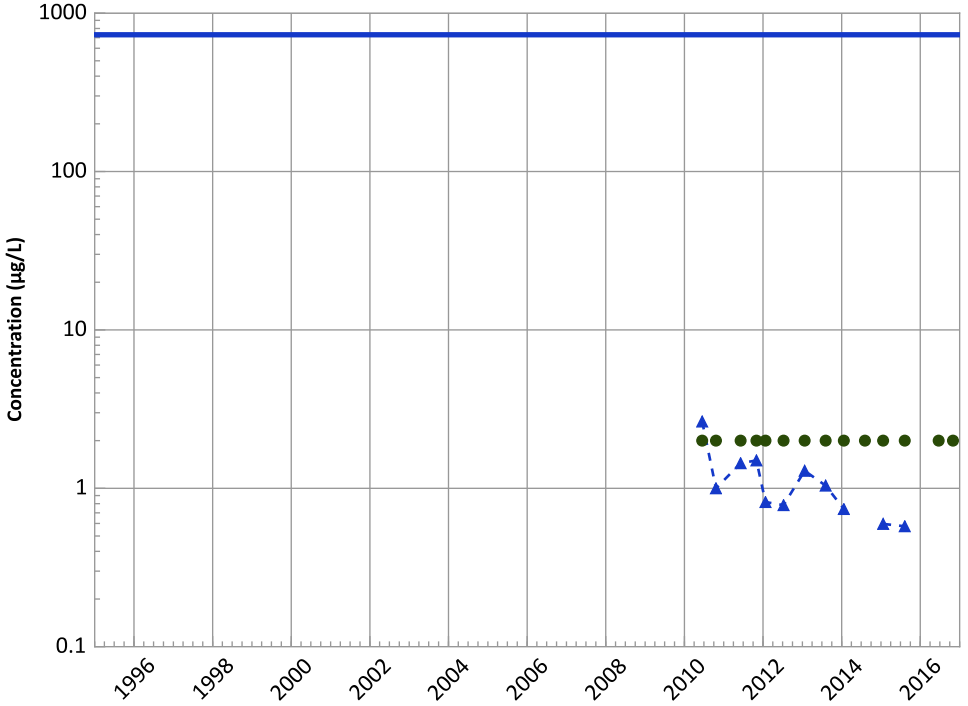


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Nickel Trend



Concentration Trend

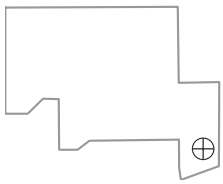
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2010 to 10/31/2016
Analysis Date: 03/07/2017

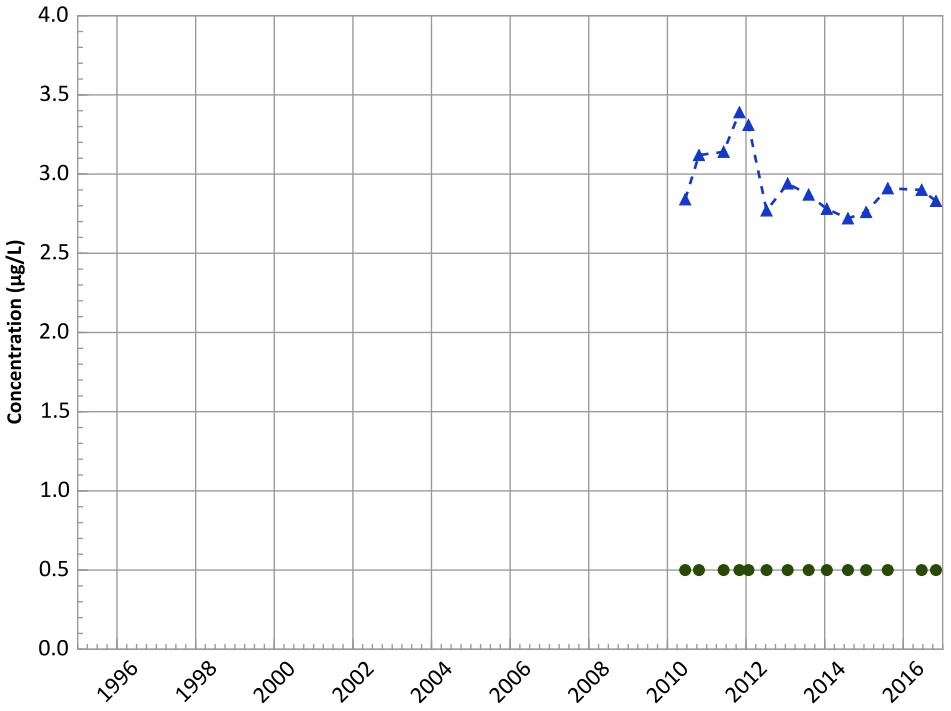
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

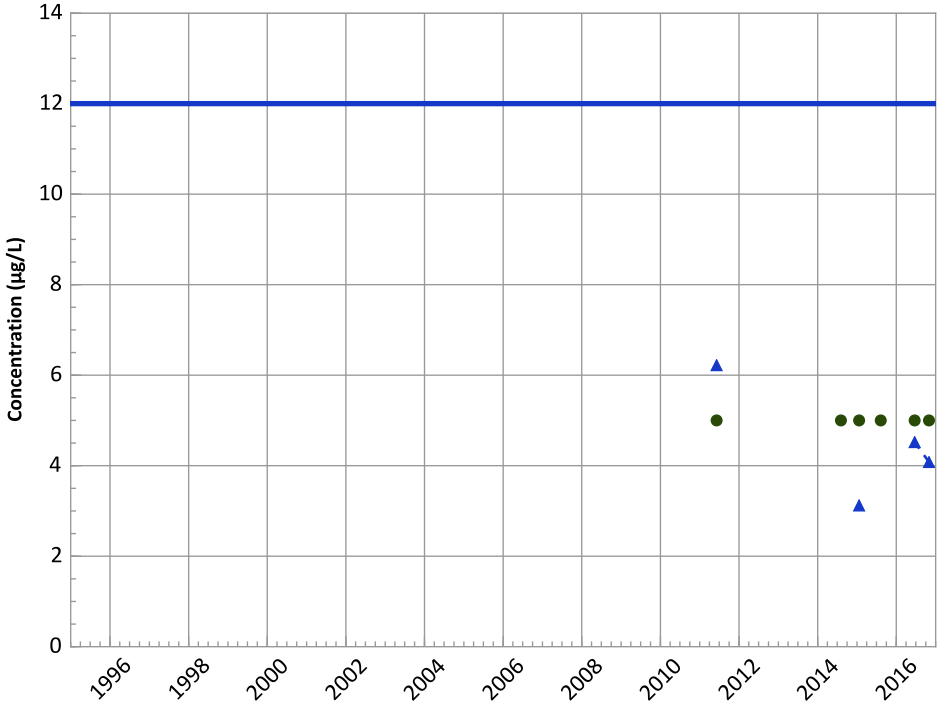


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Arsenic Trend



Concentration Trend

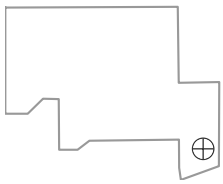
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2010 to 10/31/2016
Analysis Date: 03/07/2017

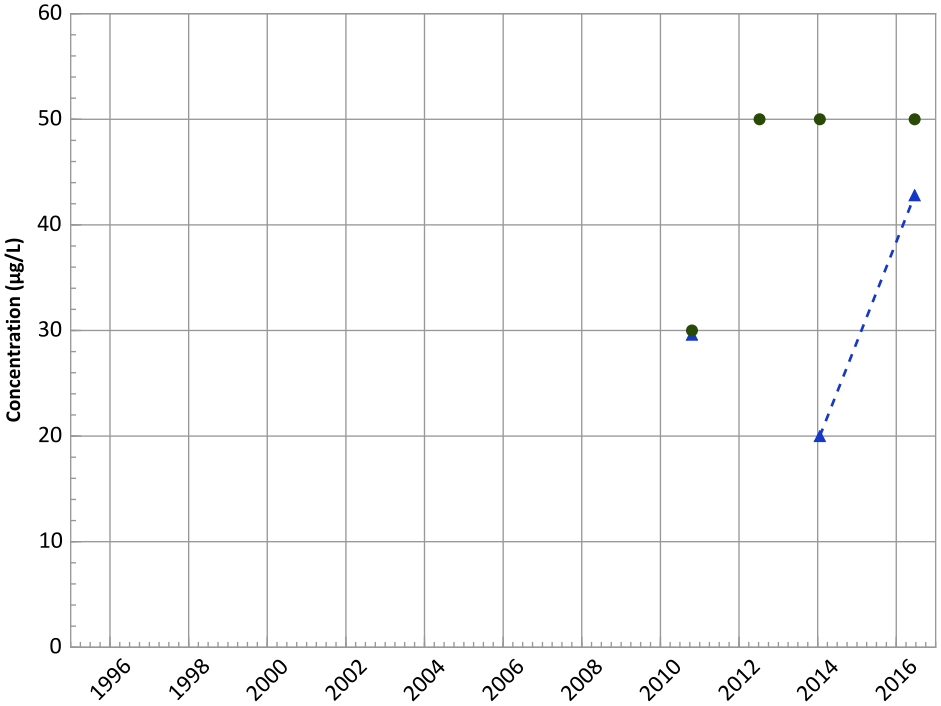
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

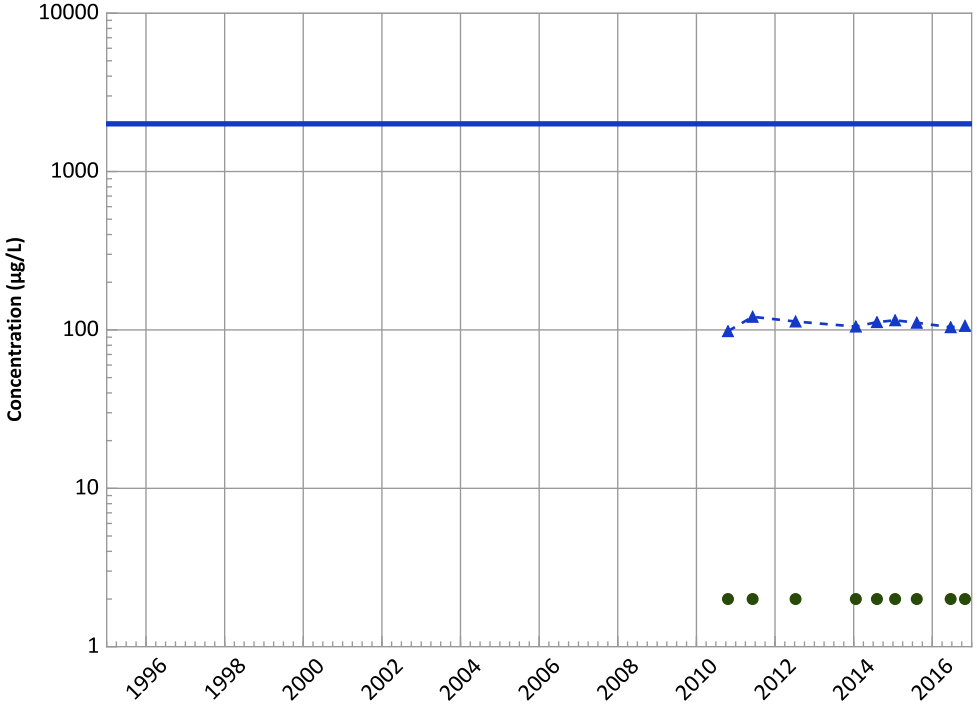


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

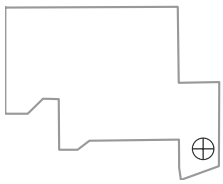
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2010 to 10/31/2016
Analysis Date: 03/07/2017

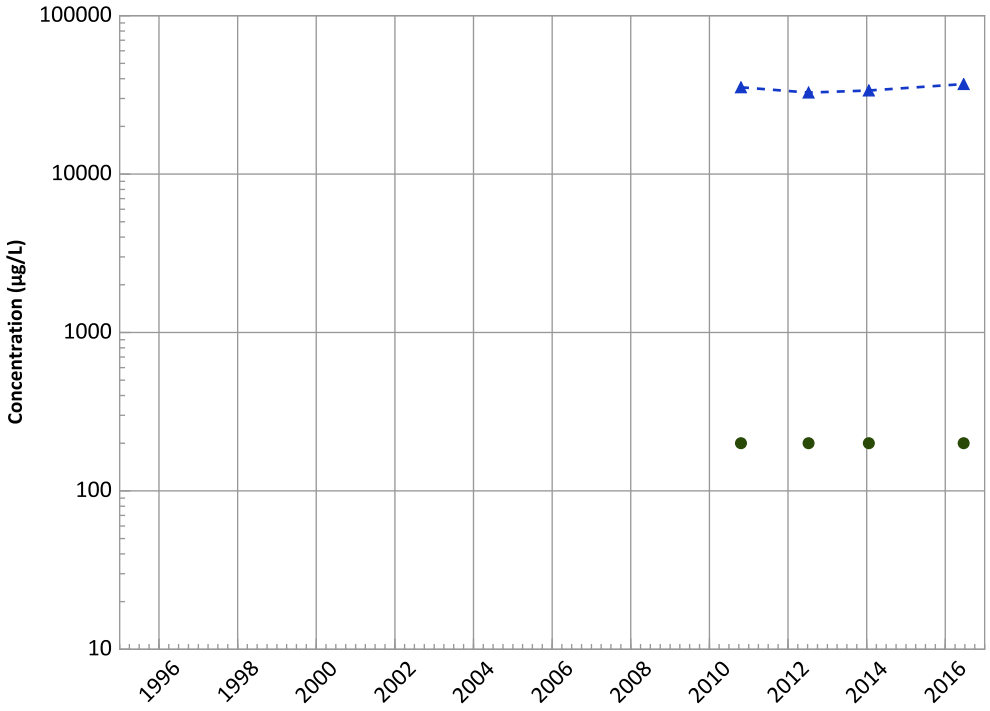
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

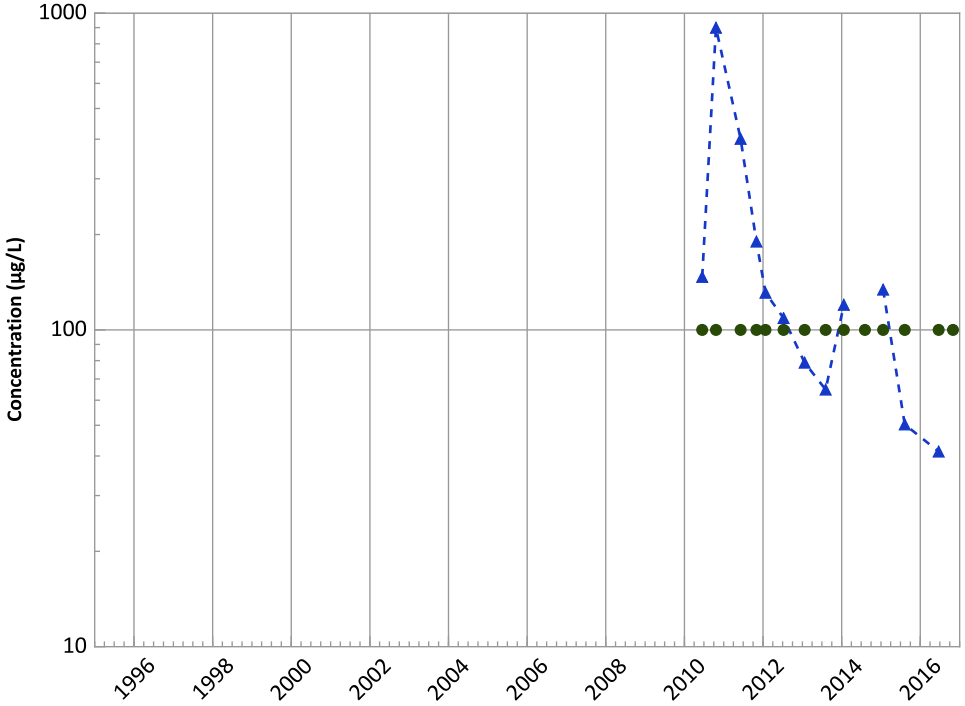


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Iron Trend



Concentration Trend

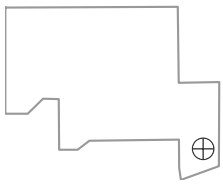
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2010 to 10/31/2016
Analysis Date: 03/07/2017

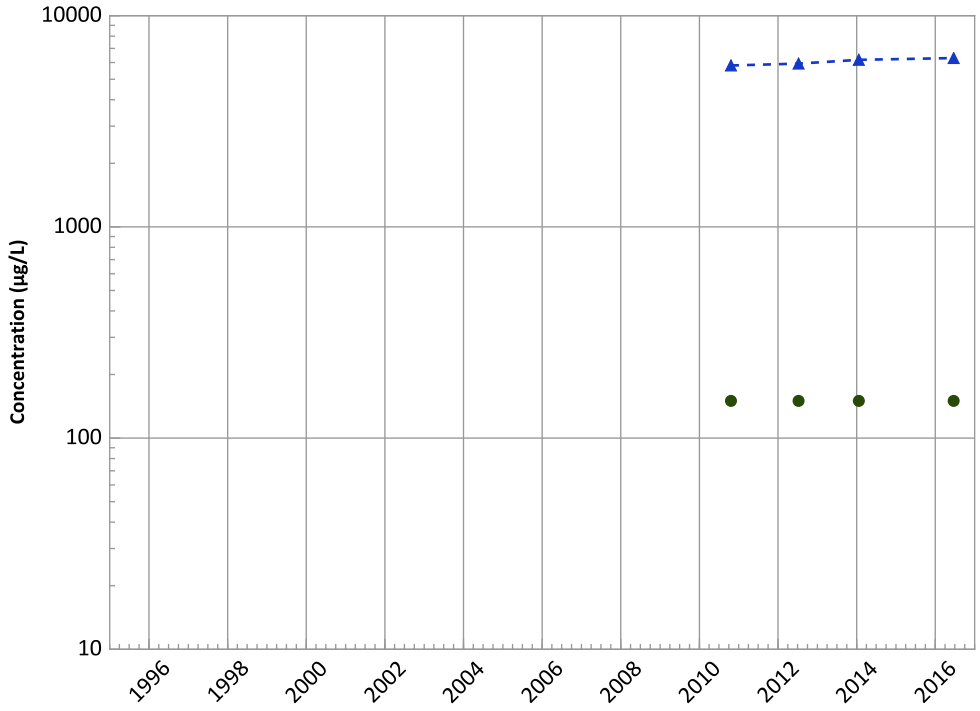
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

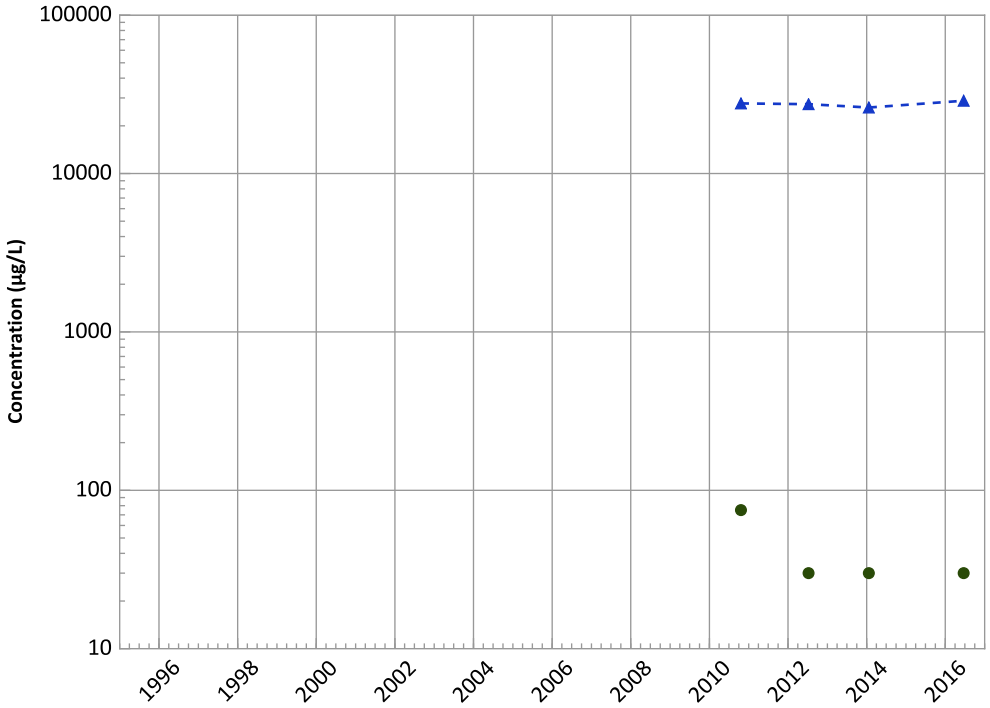


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Increasing
All Data
Increasing

Magnesium Trend



Concentration Trend

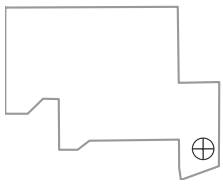
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2010 to 10/31/2016
Analysis Date: 03/07/2017

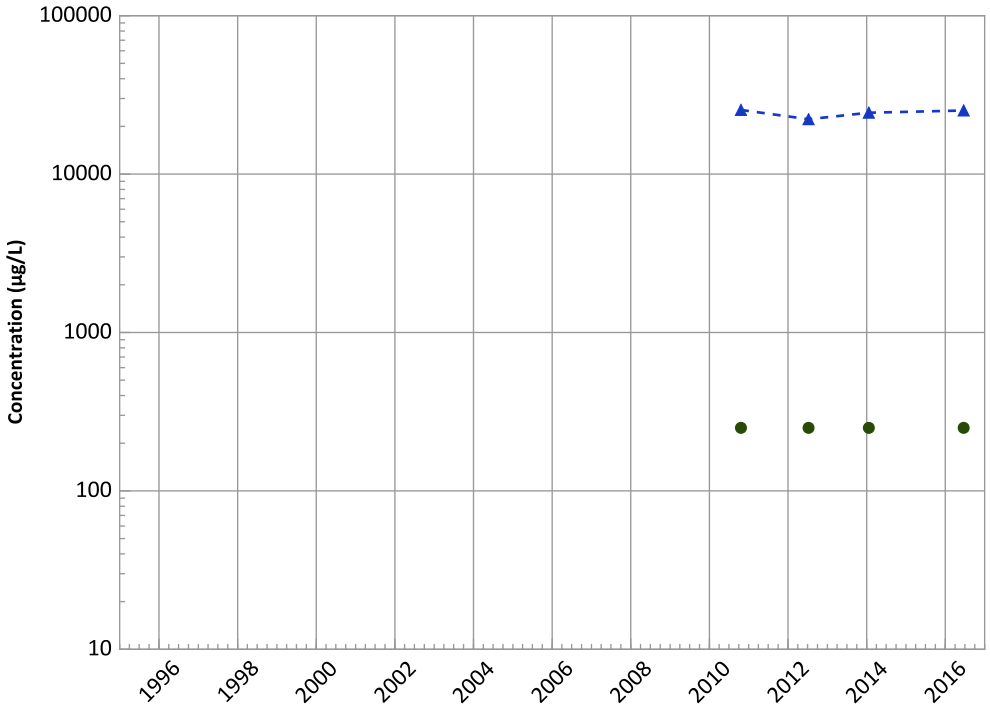
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend

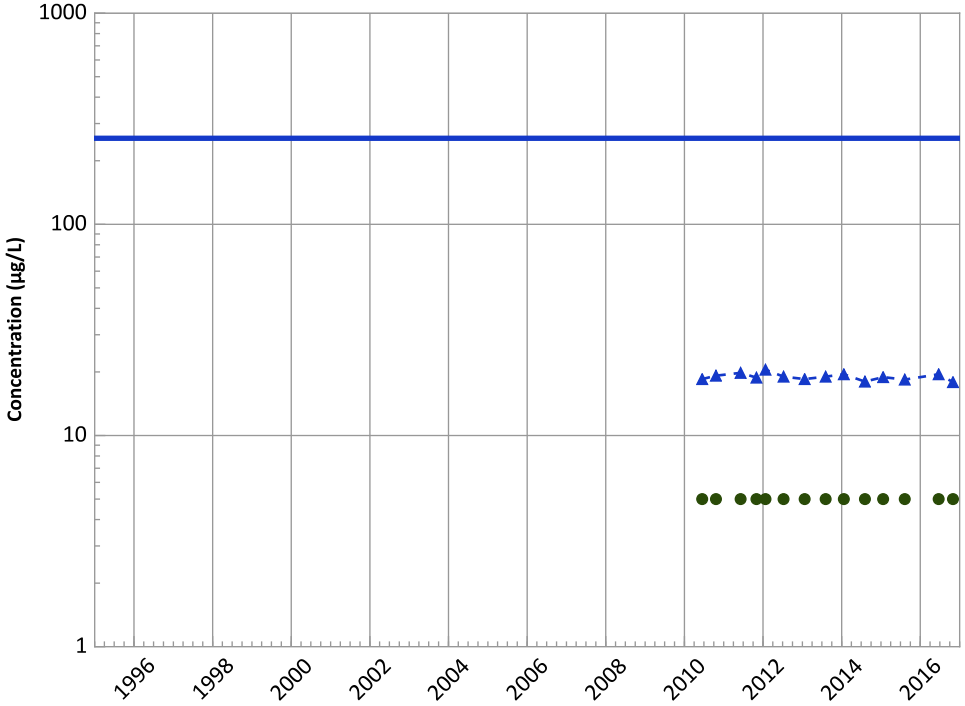


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Vanadium Trend



Concentration Trend

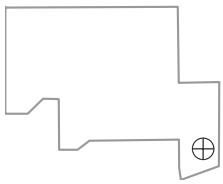
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2010 to 10/31/2016
Analysis Date: 03/07/2017

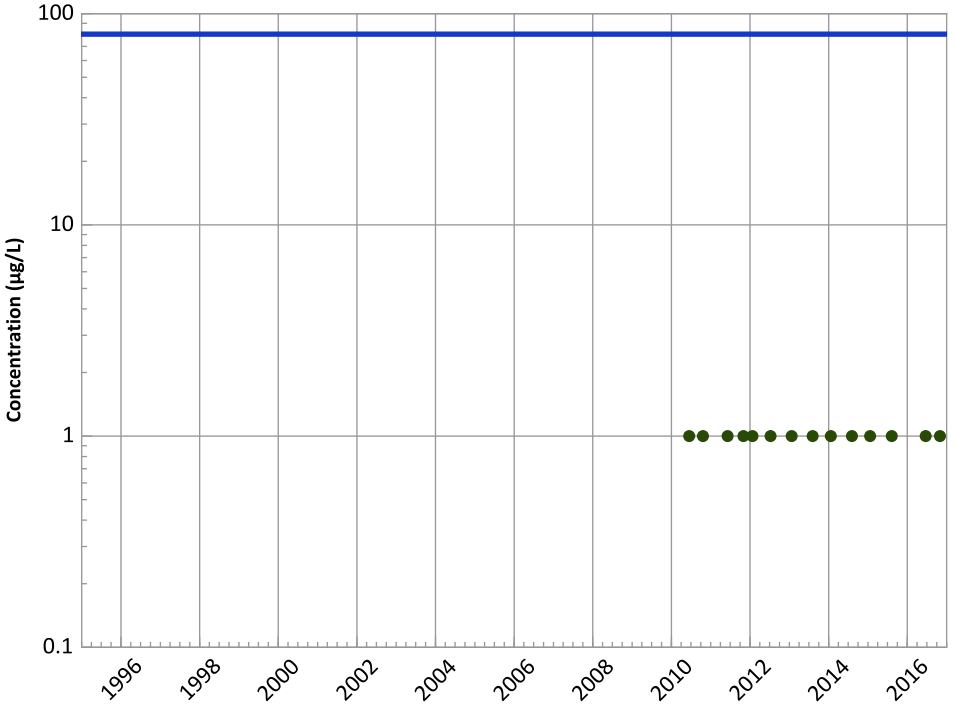
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

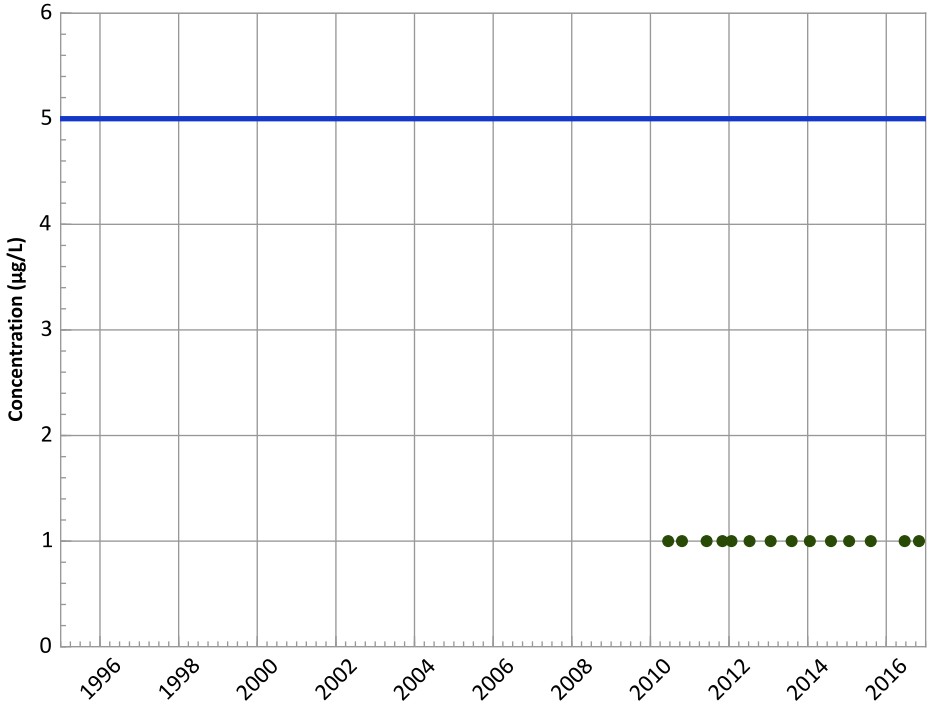


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

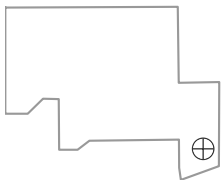
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2010 to 10/31/2016
Analysis Date: 03/07/2017

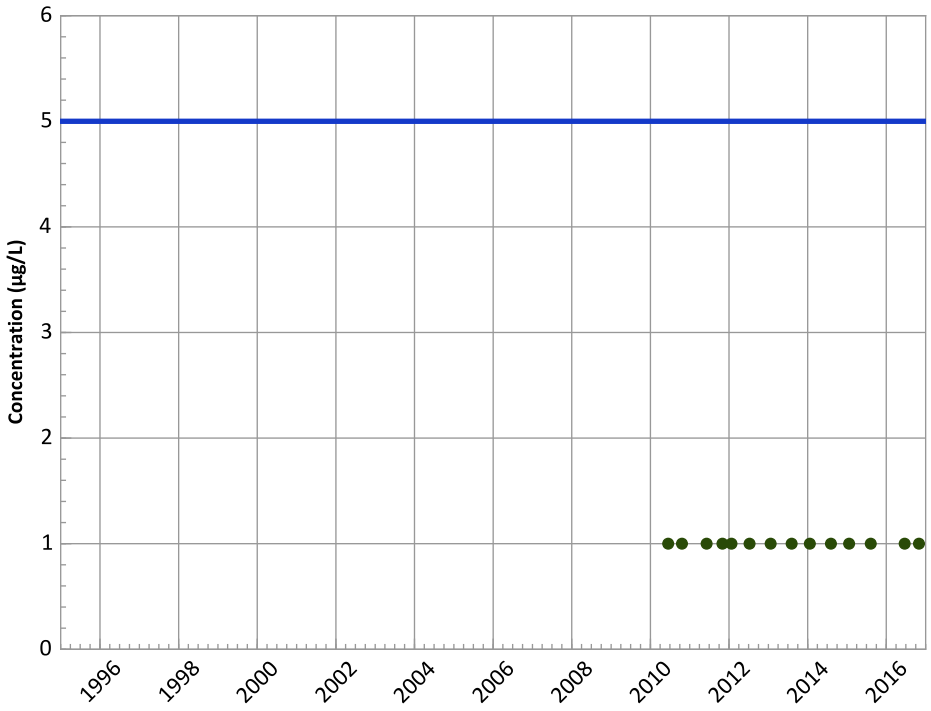
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

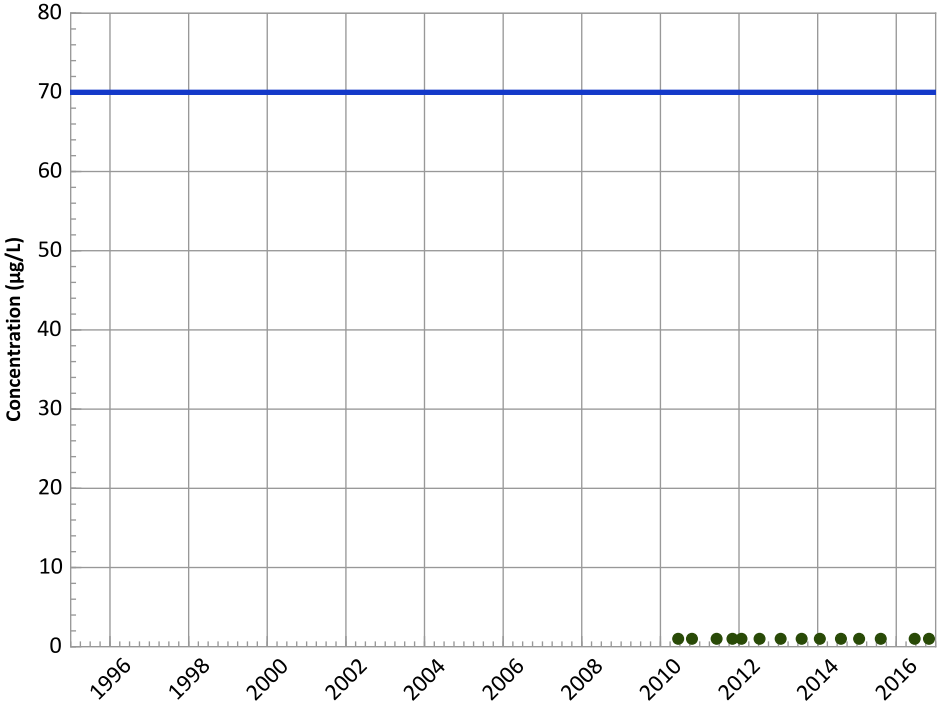


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

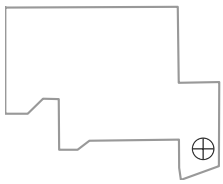
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2010 to 10/31/2016
Analysis Date: 03/07/2017

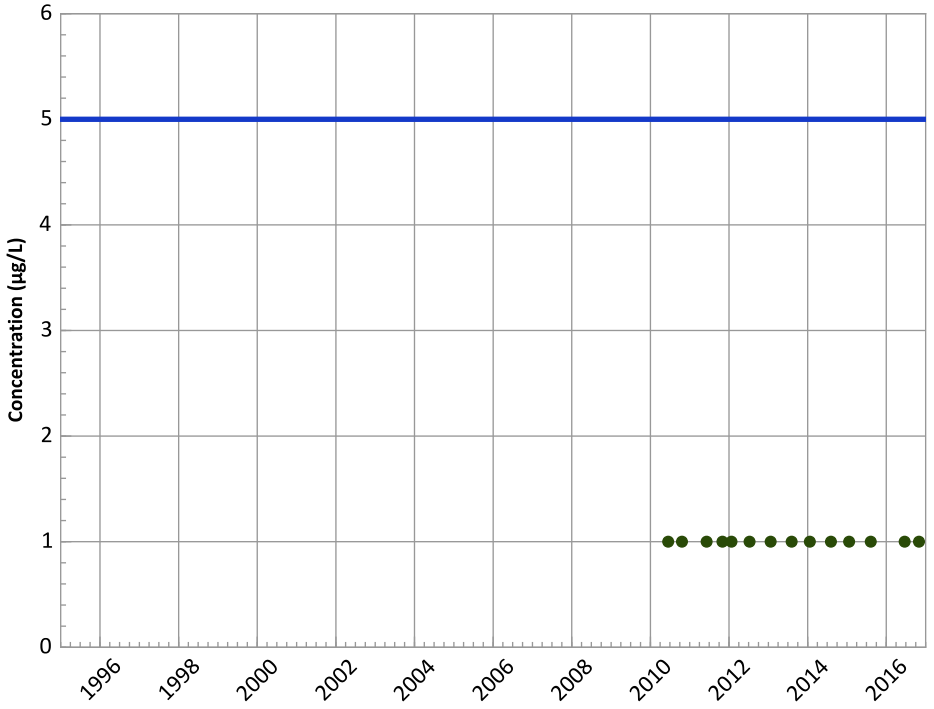
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

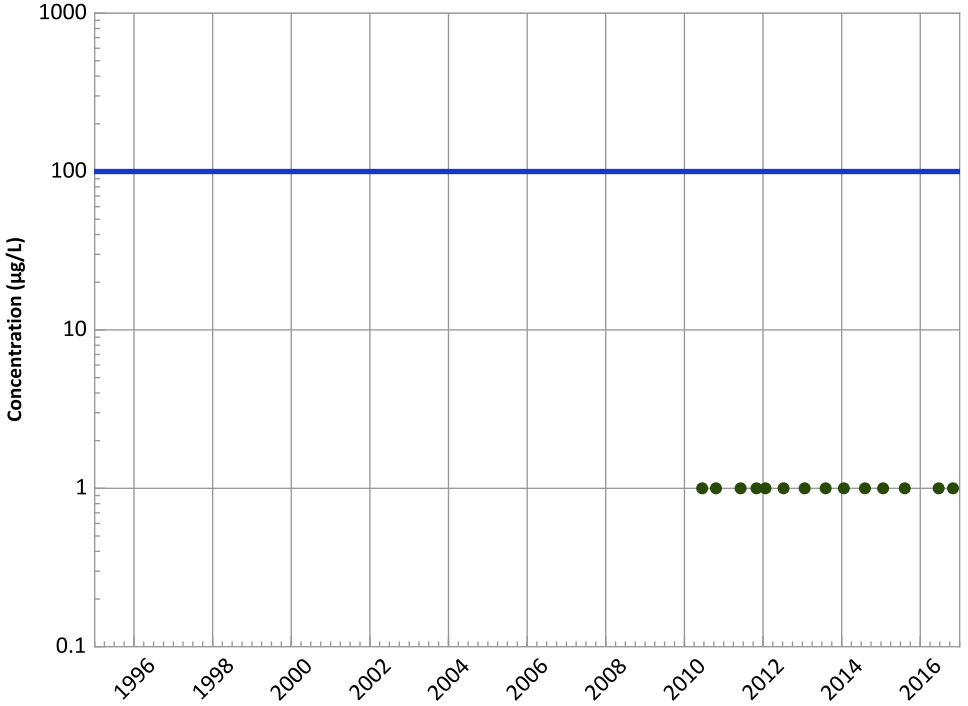


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

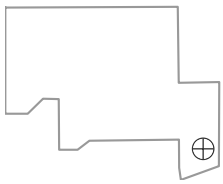
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2010 to 10/31/2016
Analysis Date: 03/07/2017

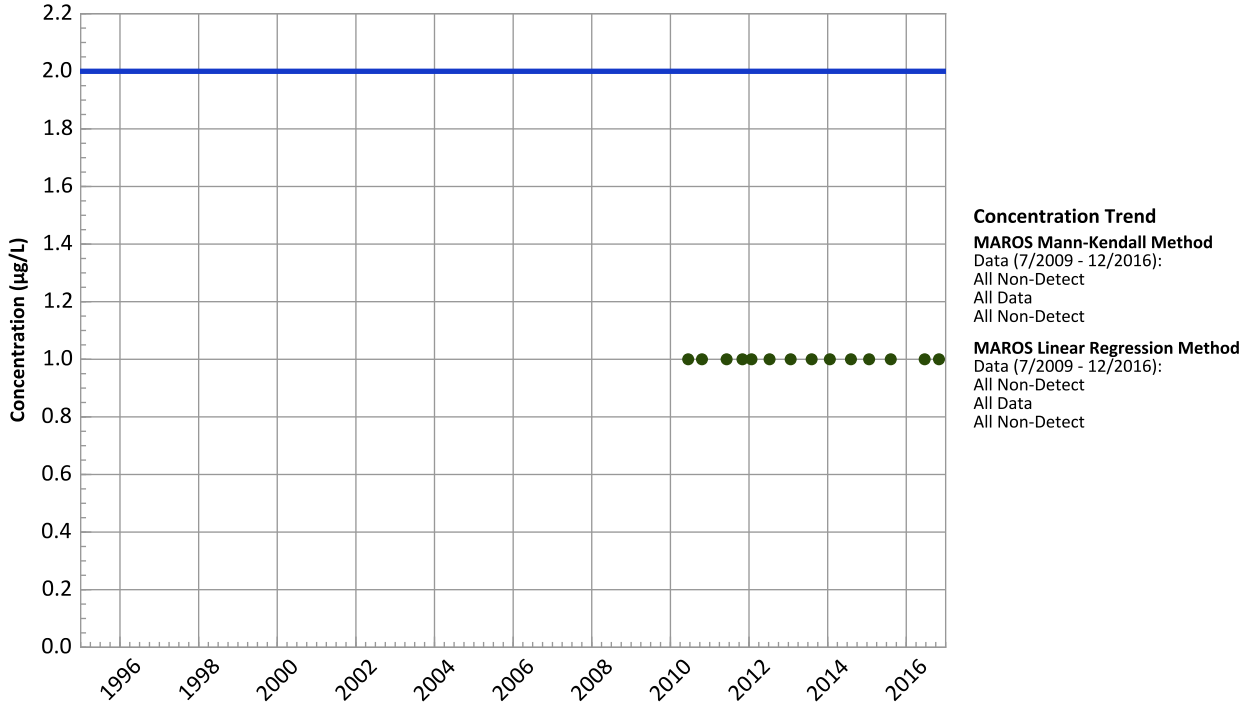
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

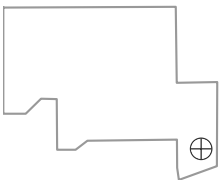
Vinyl Chloride Trend



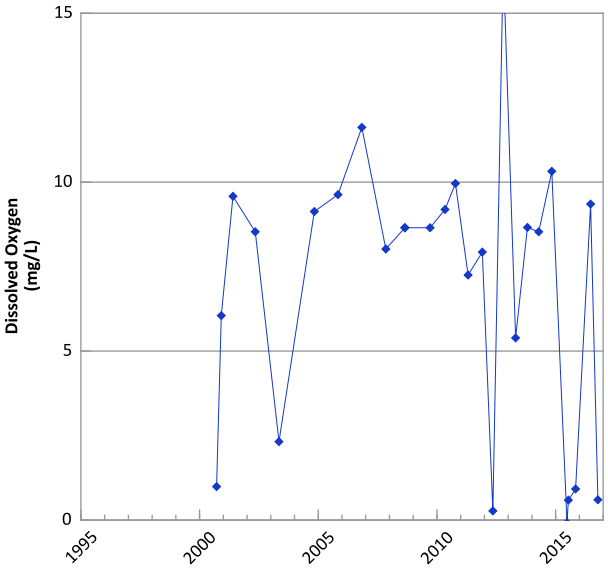
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 06/15/2010 to 10/31/2016
Analysis Date: 03/07/2017

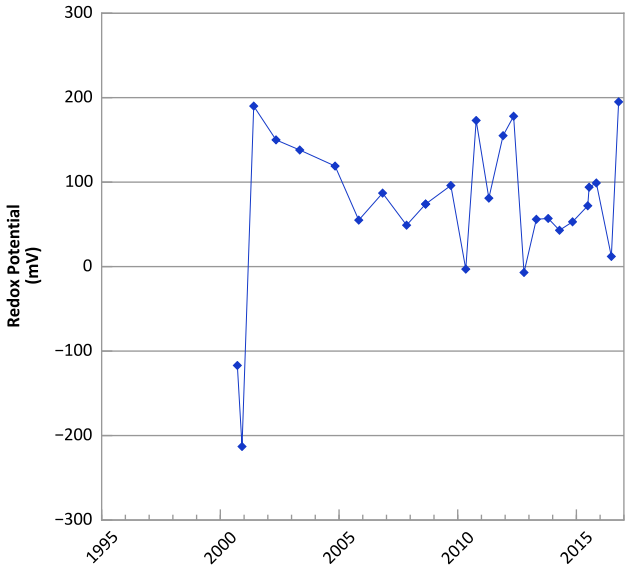
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

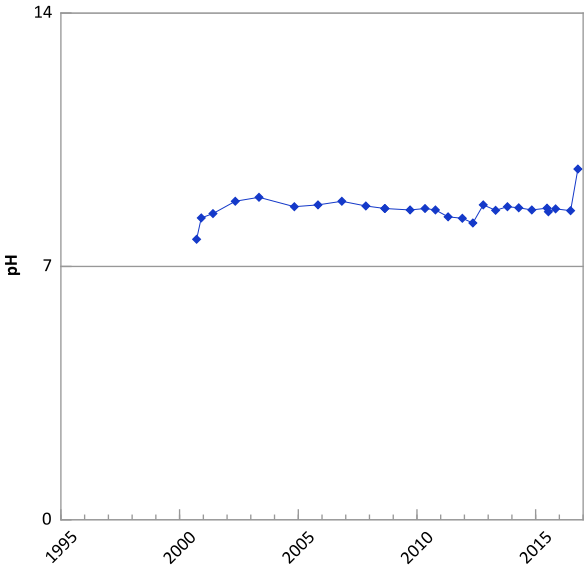
Well Location

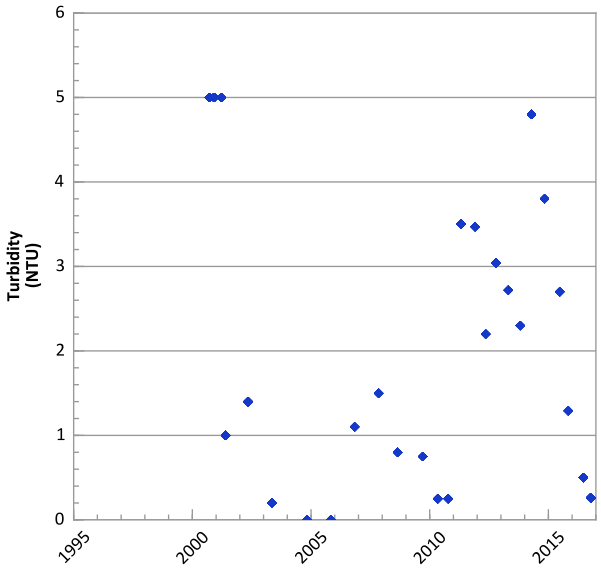


PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



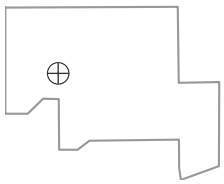






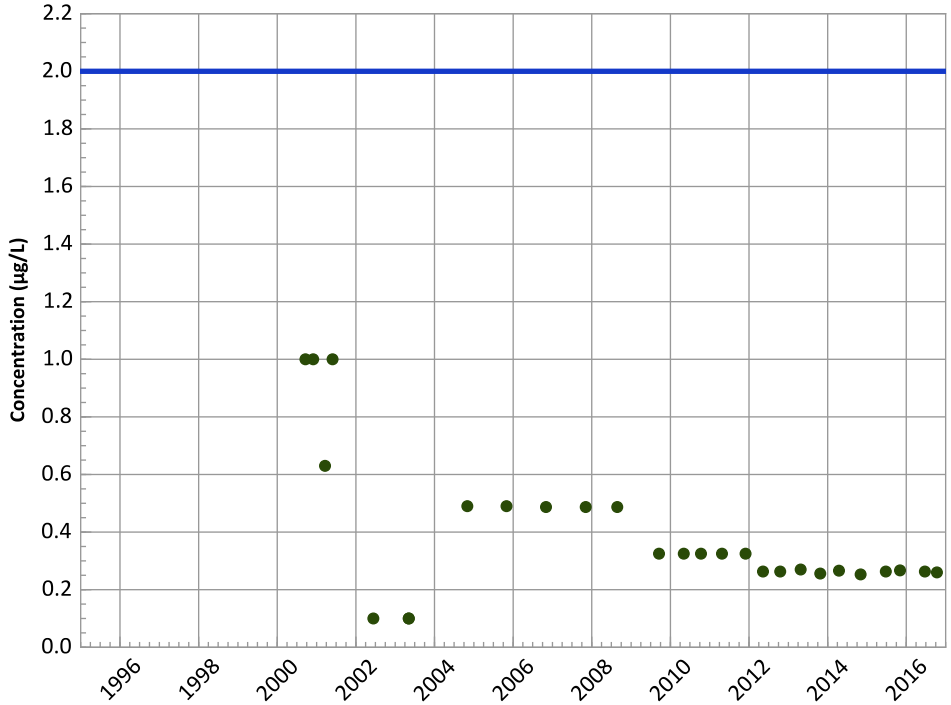
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

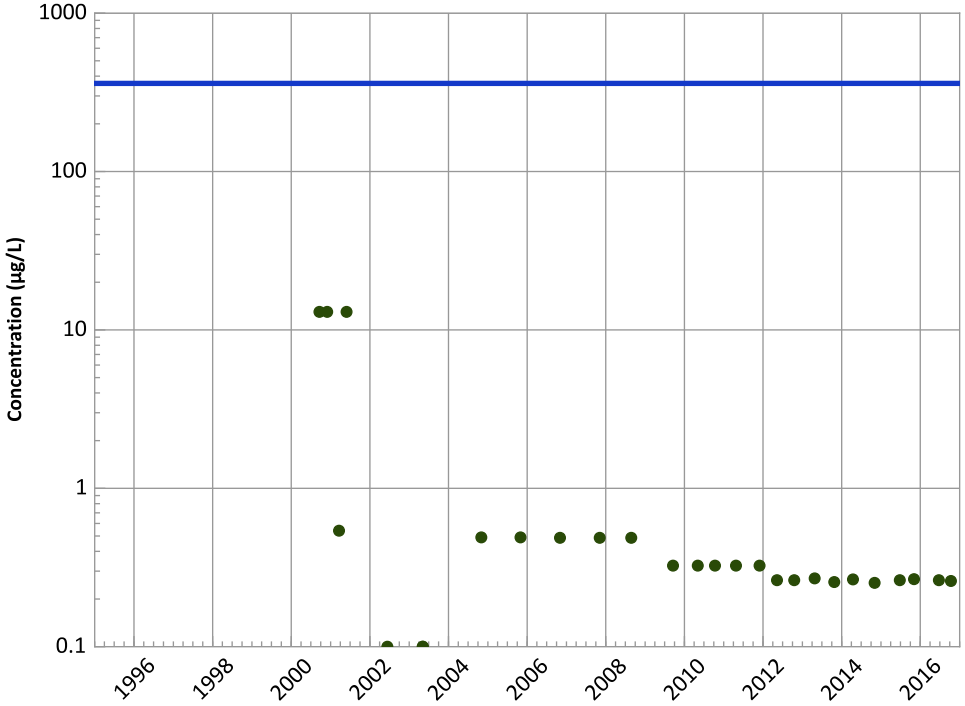


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

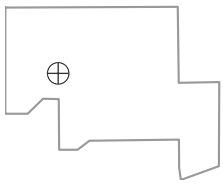
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

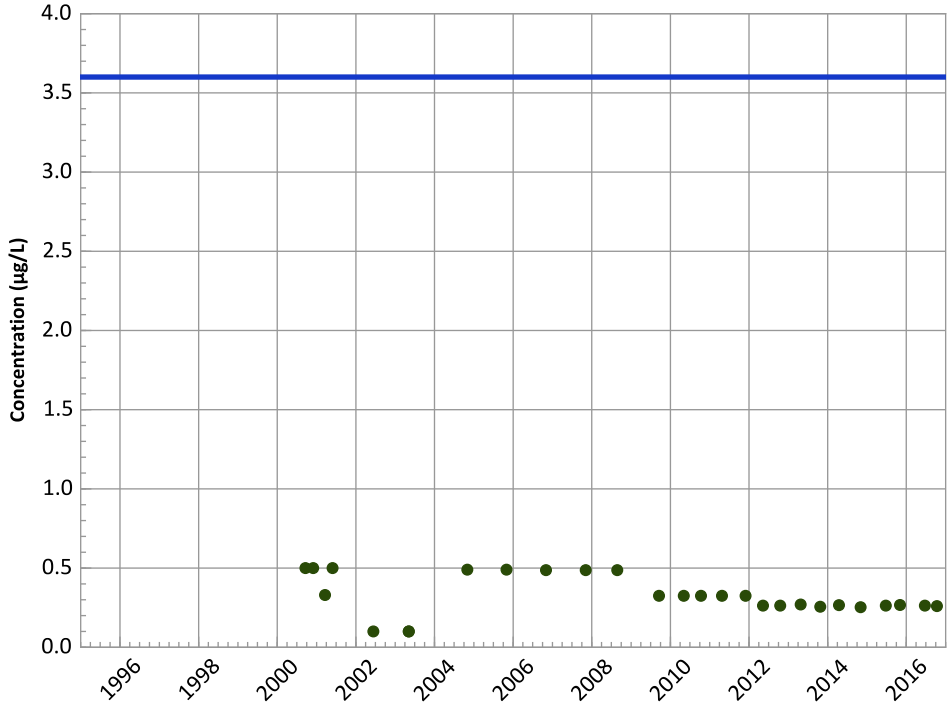
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

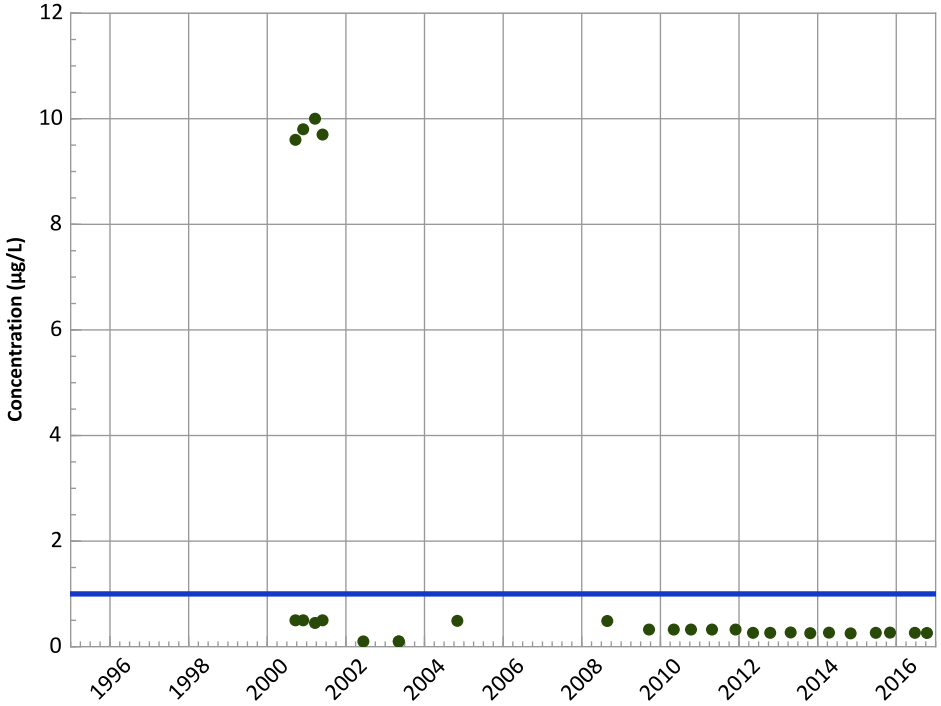


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

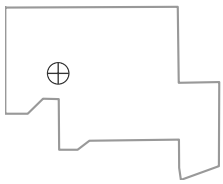
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

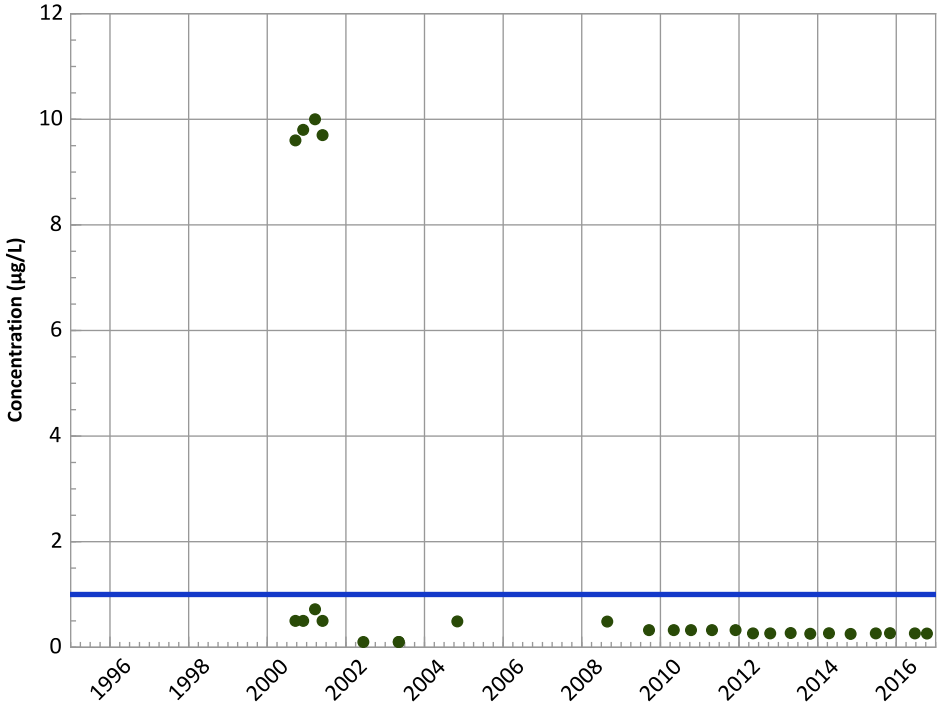
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

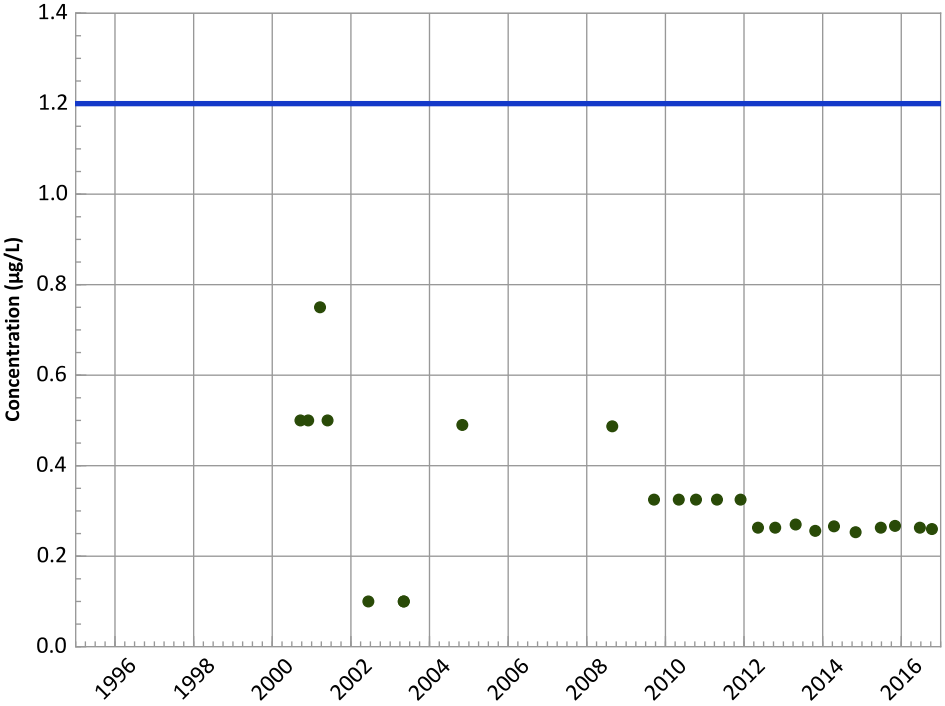


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

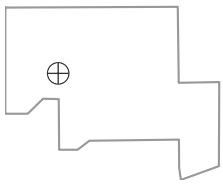
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

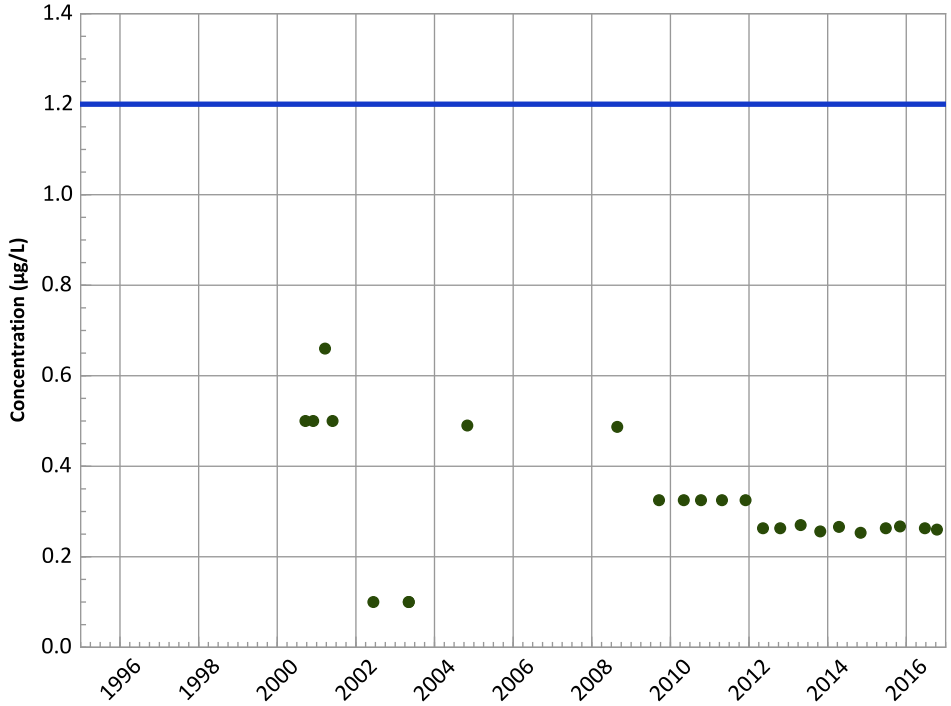
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

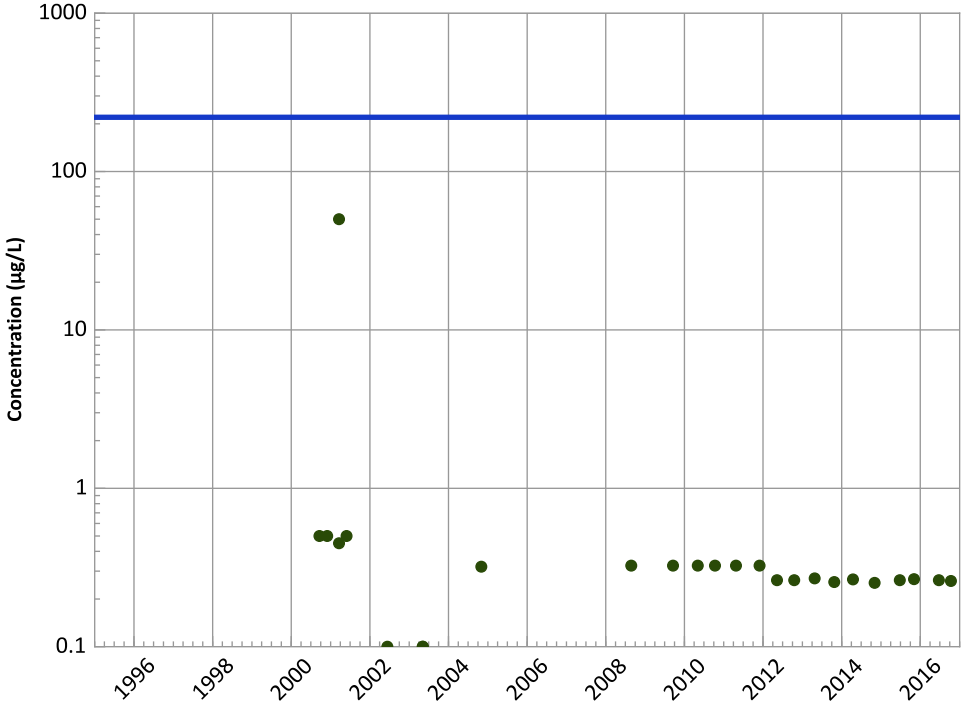


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

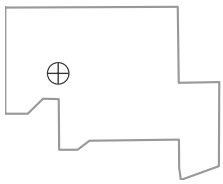
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

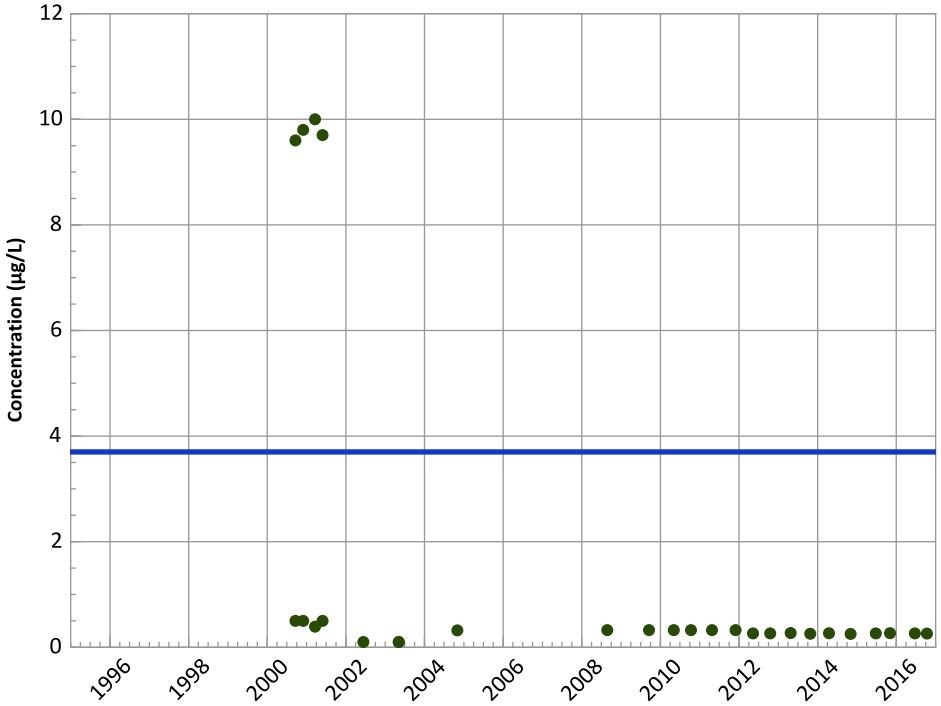
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

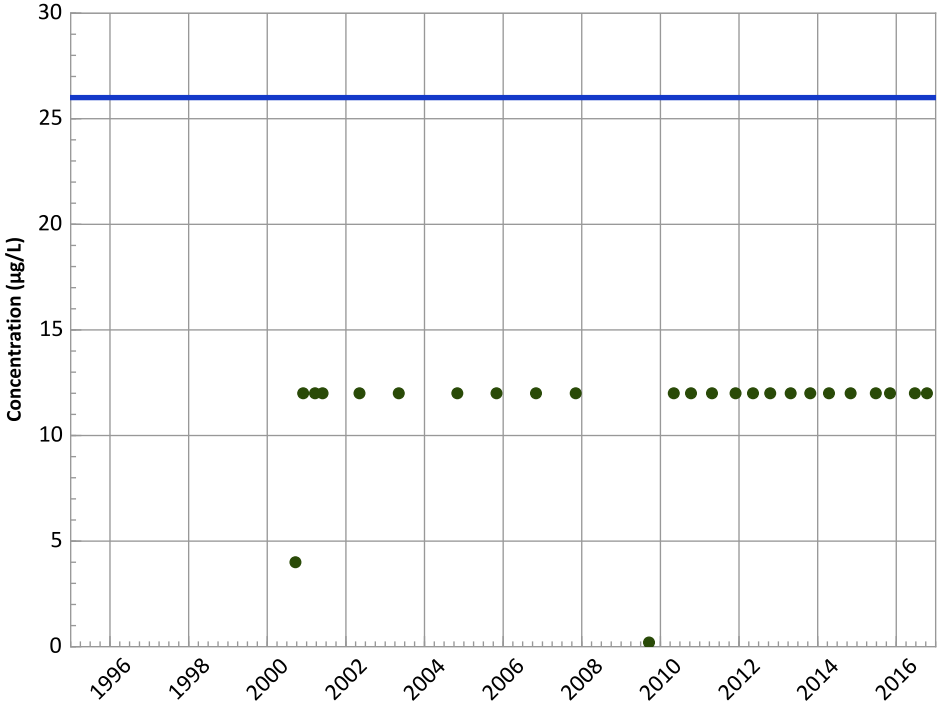


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

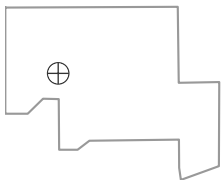
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

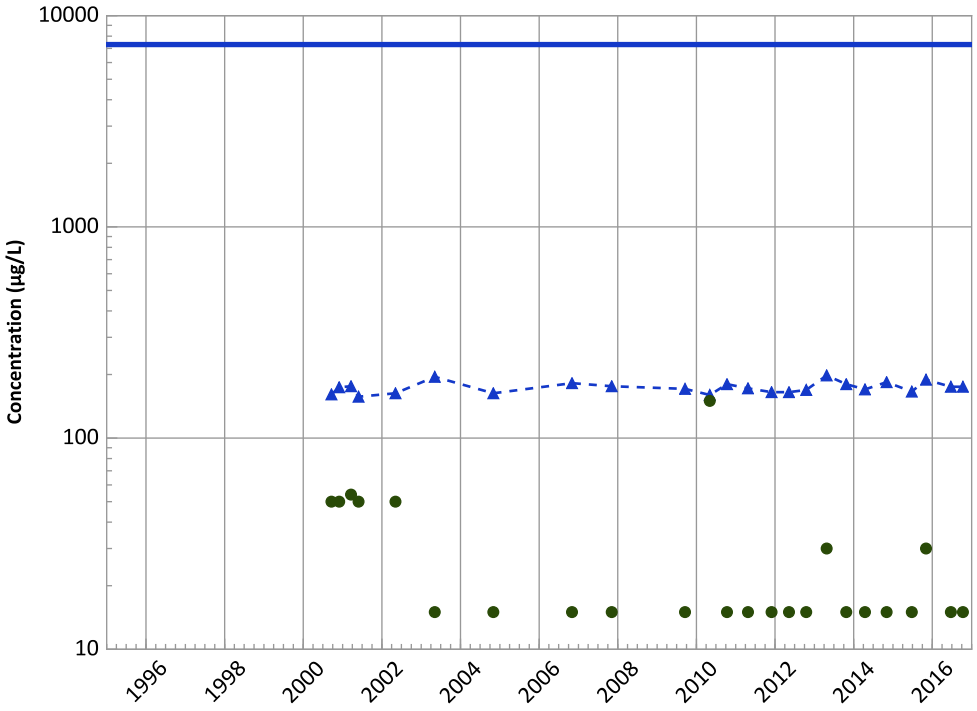
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

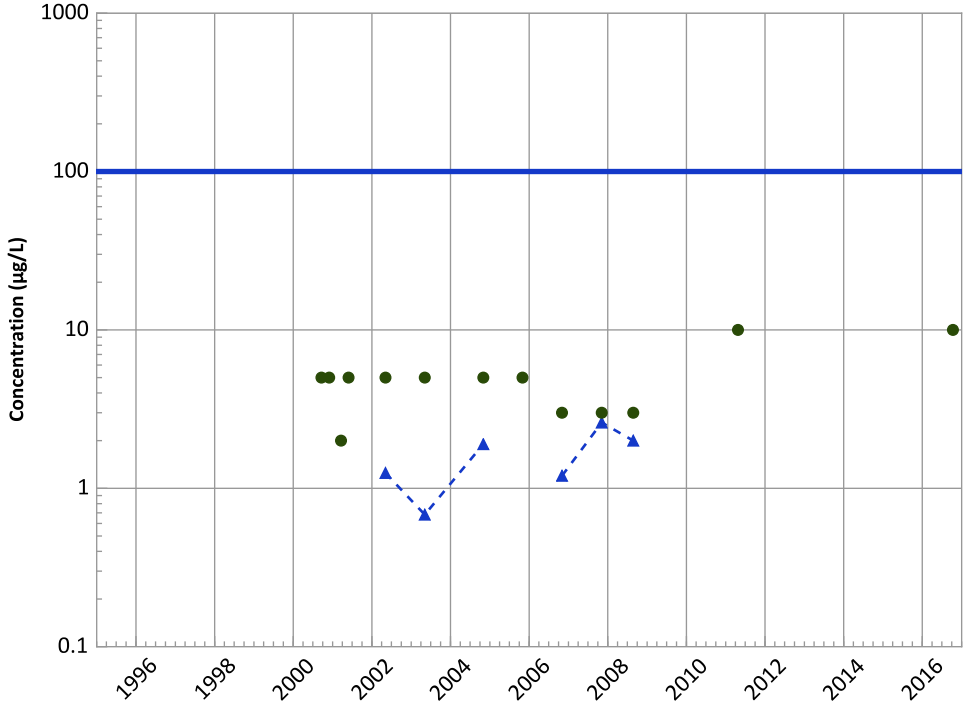


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Chromium, Total Trend



Concentration Trend

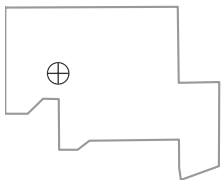
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

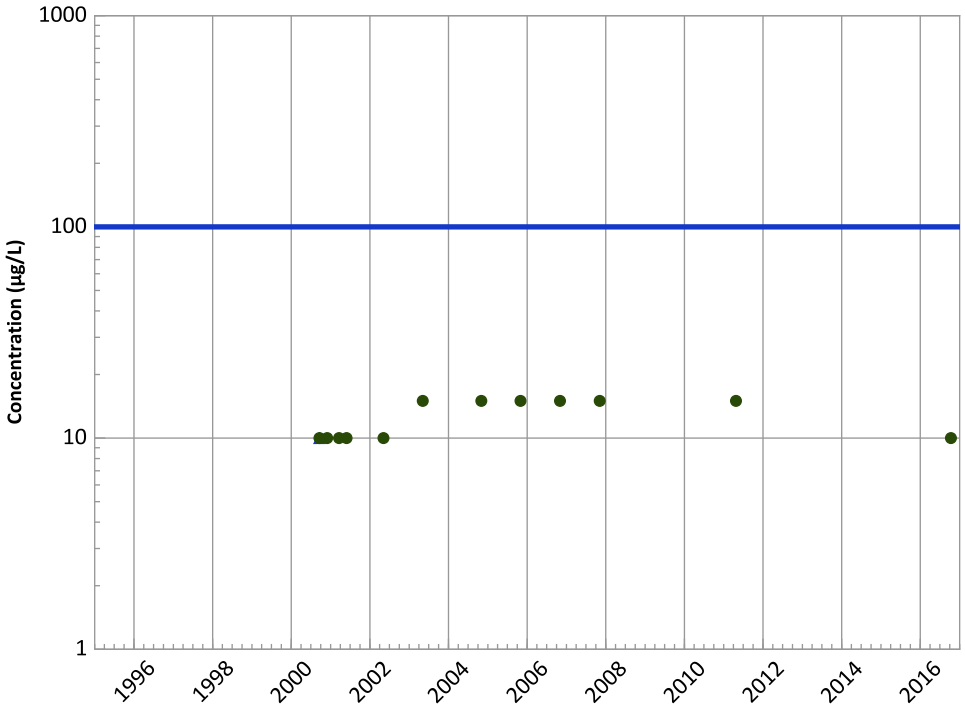
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

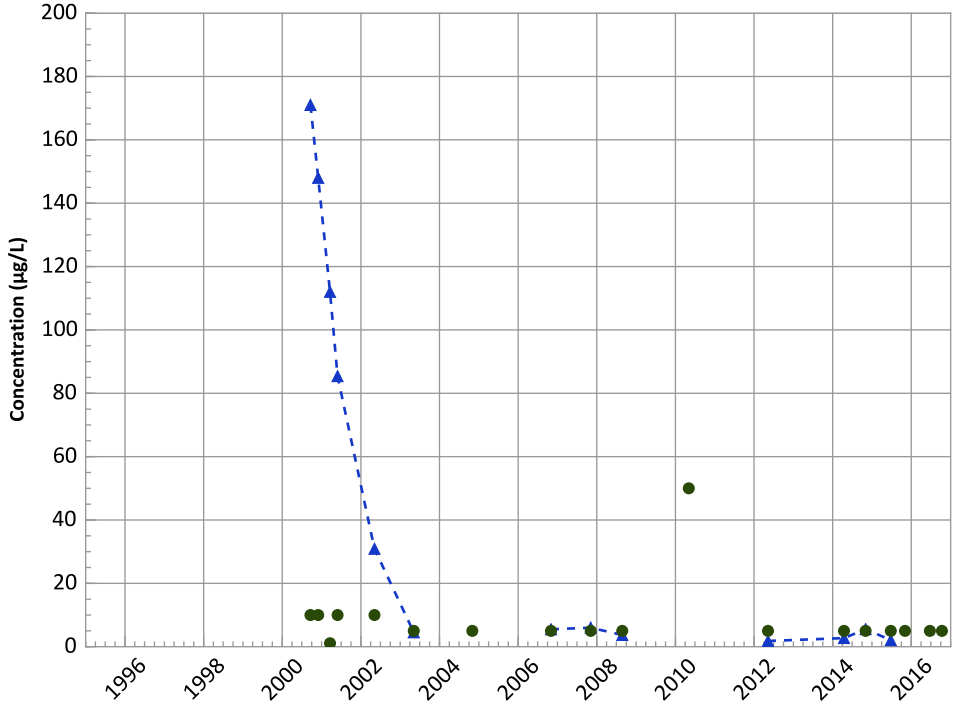


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

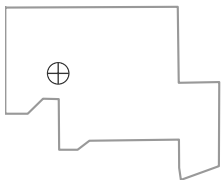
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

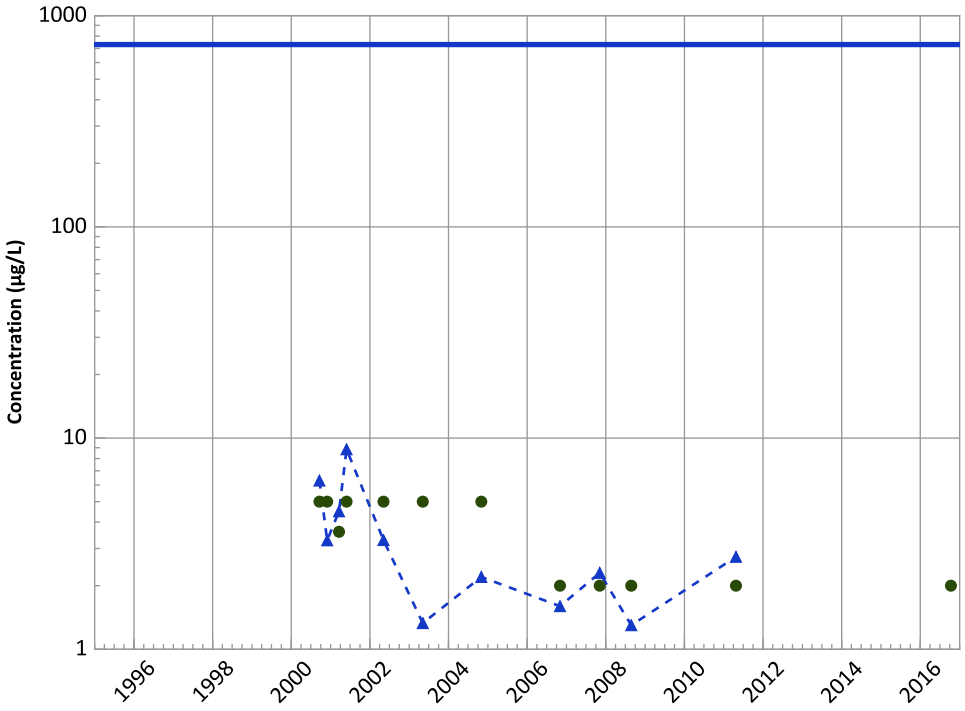
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

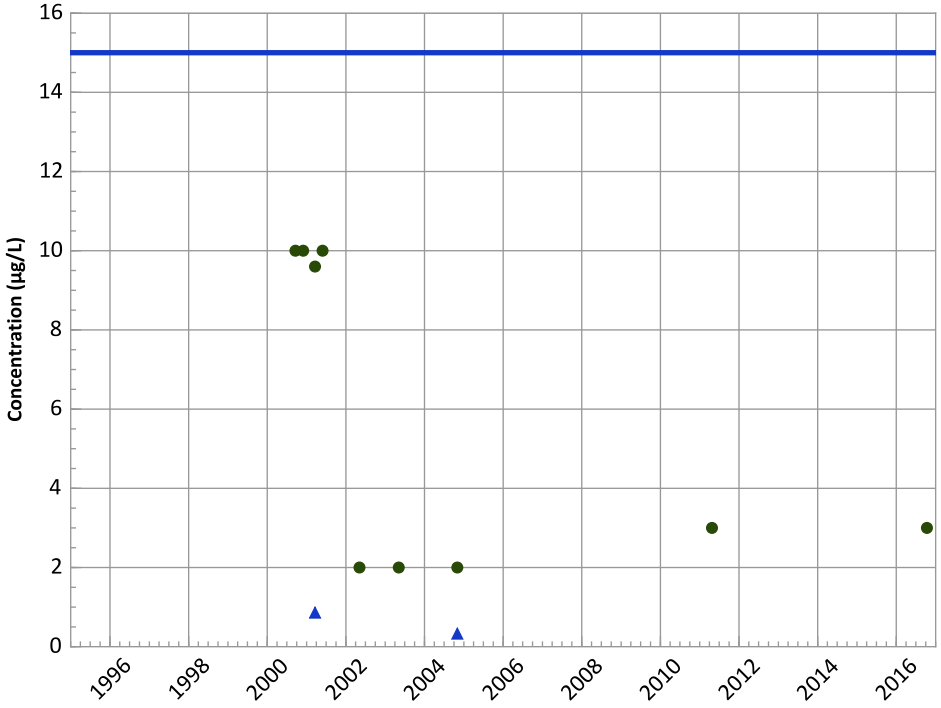


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

Antimony Trend



Concentration Trend

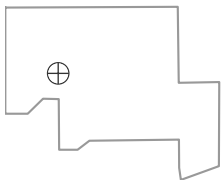
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

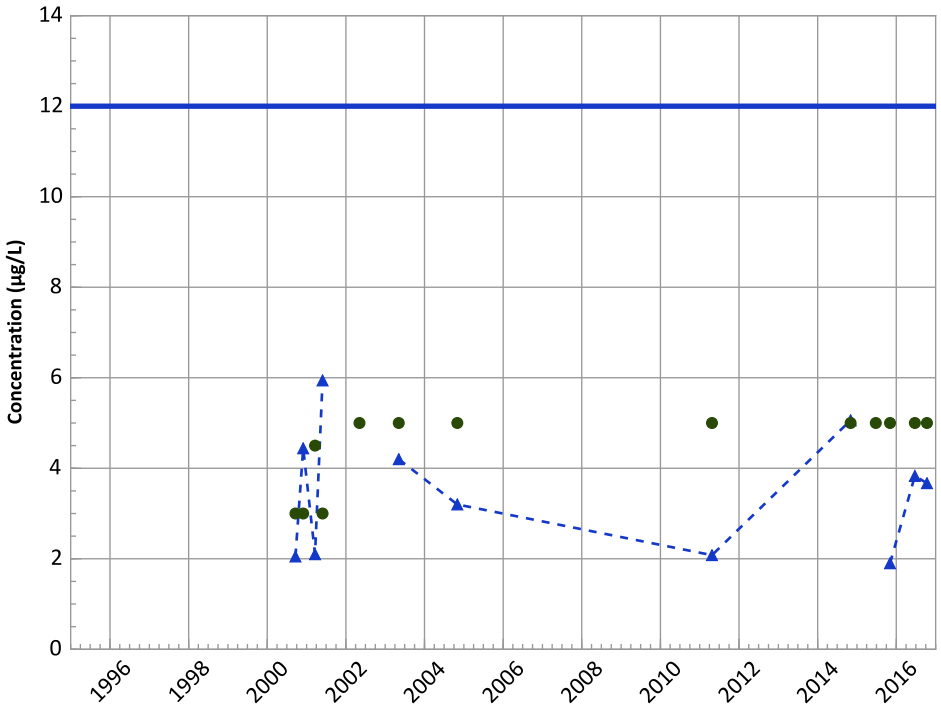
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

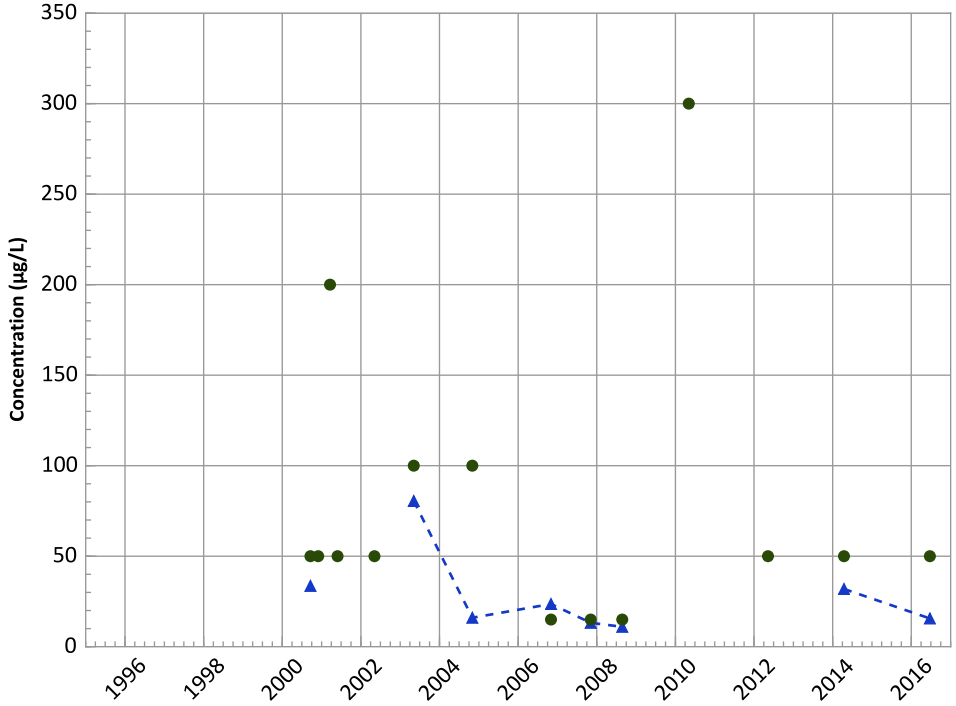


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Aluminum Trend



Concentration Trend

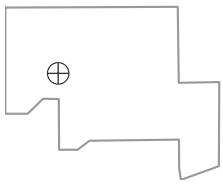
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

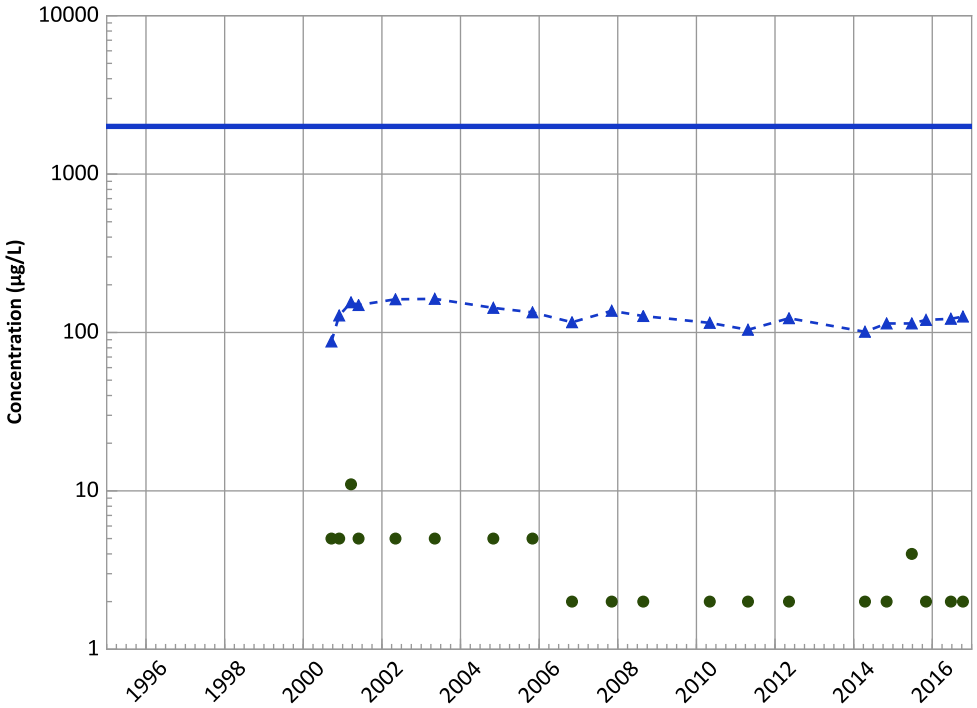
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

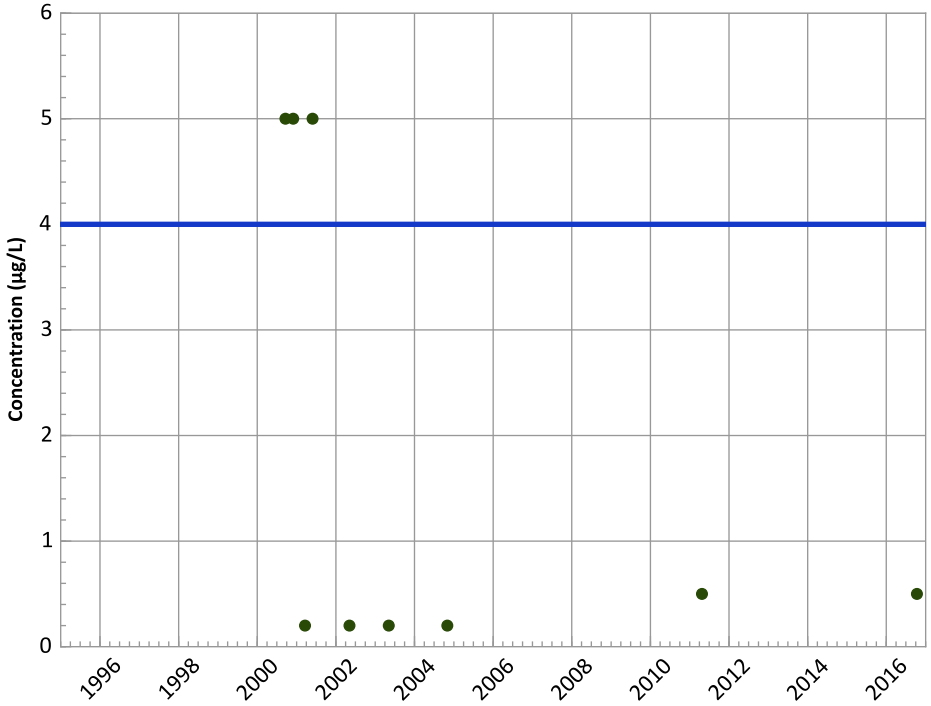


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Probably Increasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Beryllium Trend

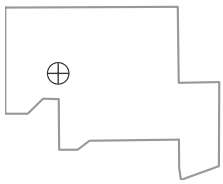


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Well Location

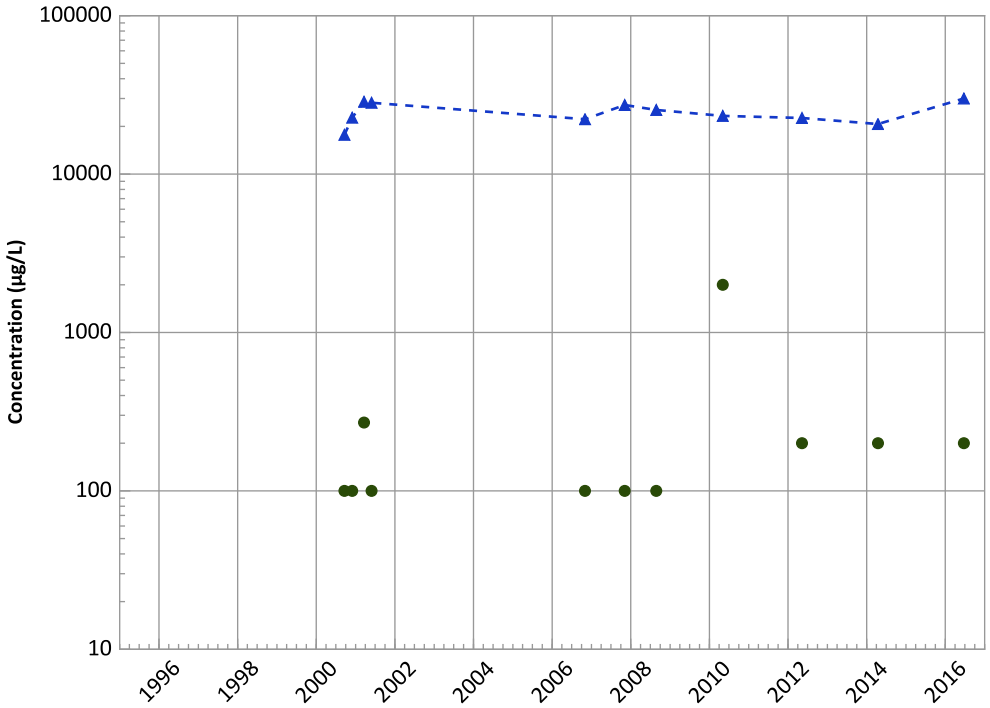


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

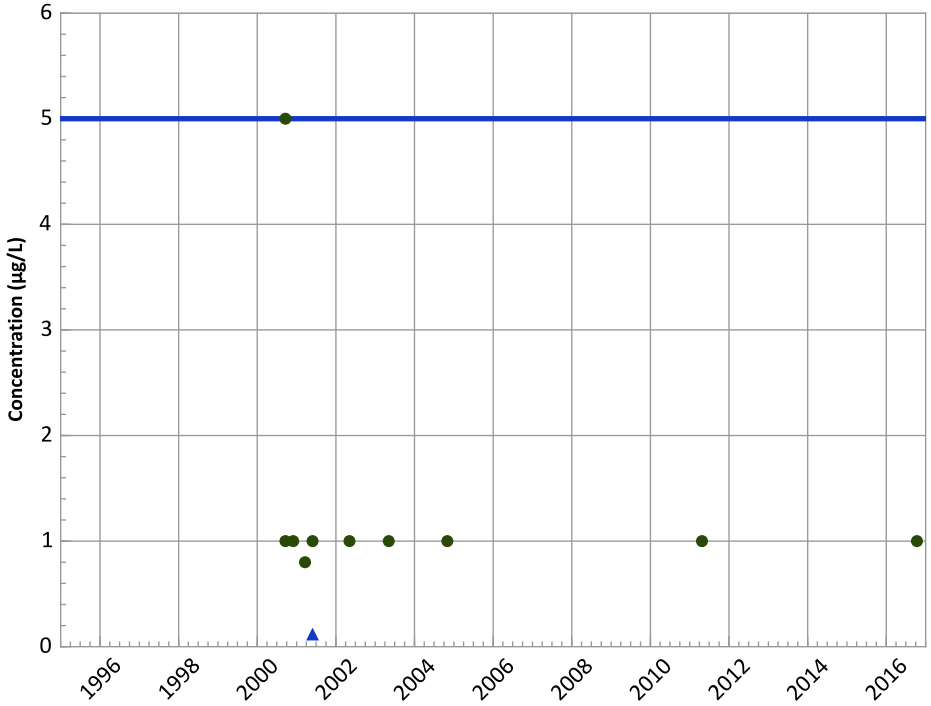


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Cadmium Trend



Concentration Trend

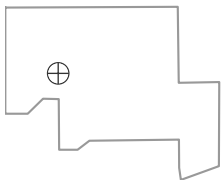
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

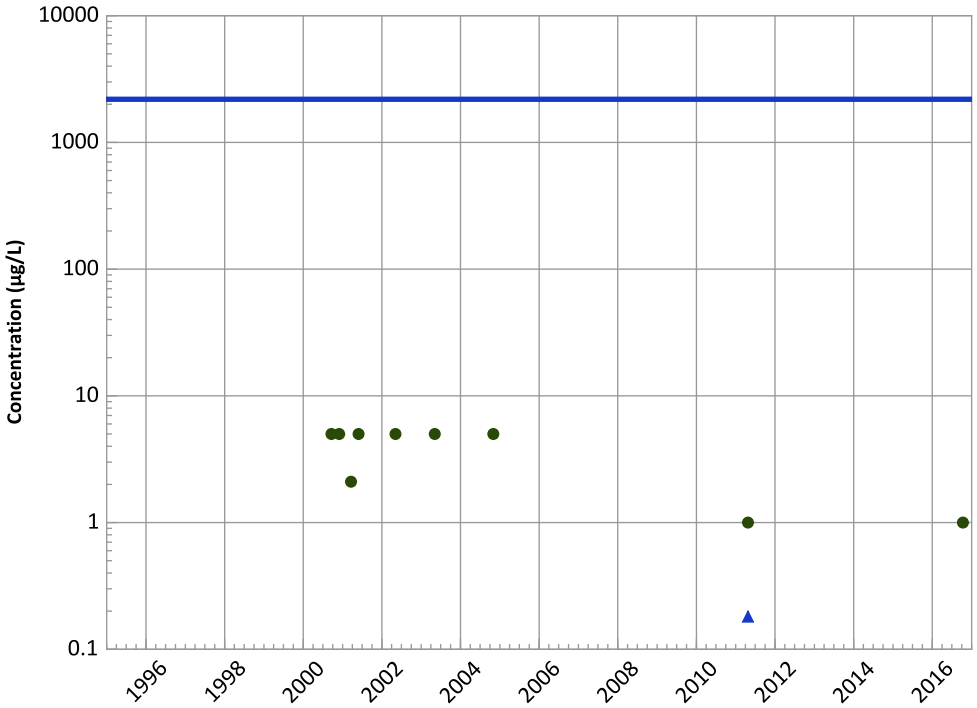
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Cobalt Trend

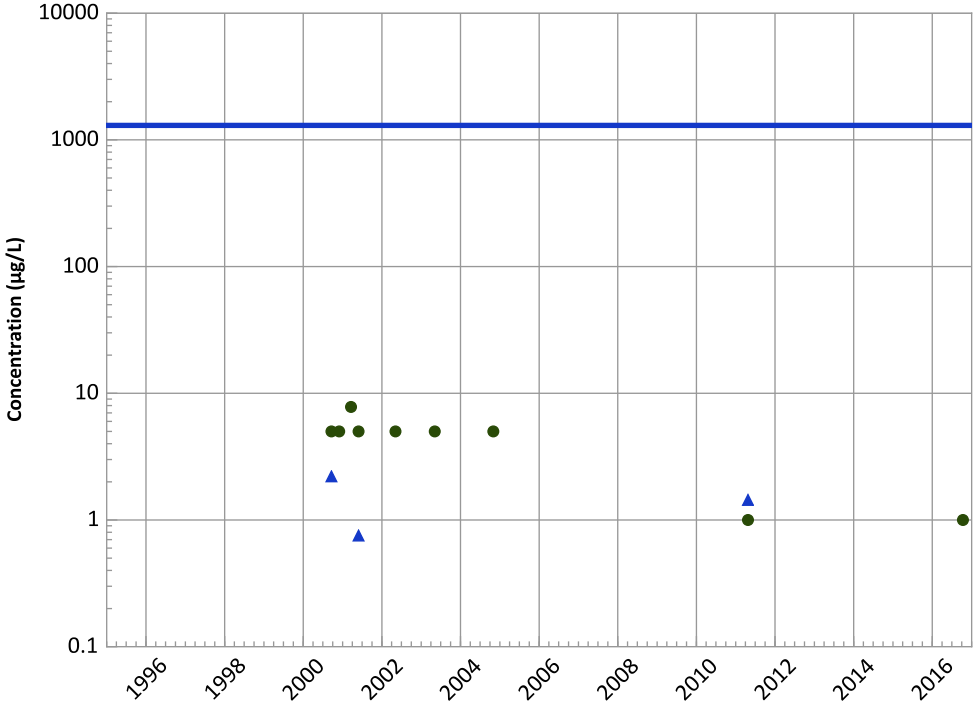


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Copper Trend



Concentration Trend

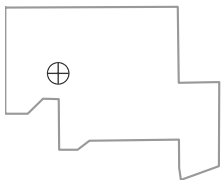
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

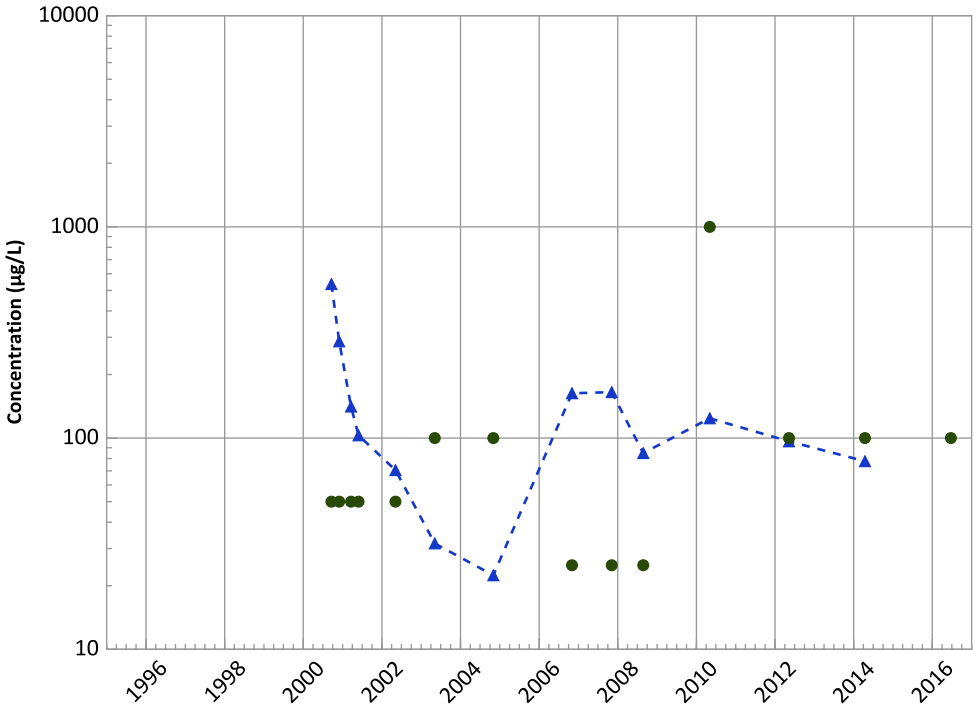
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

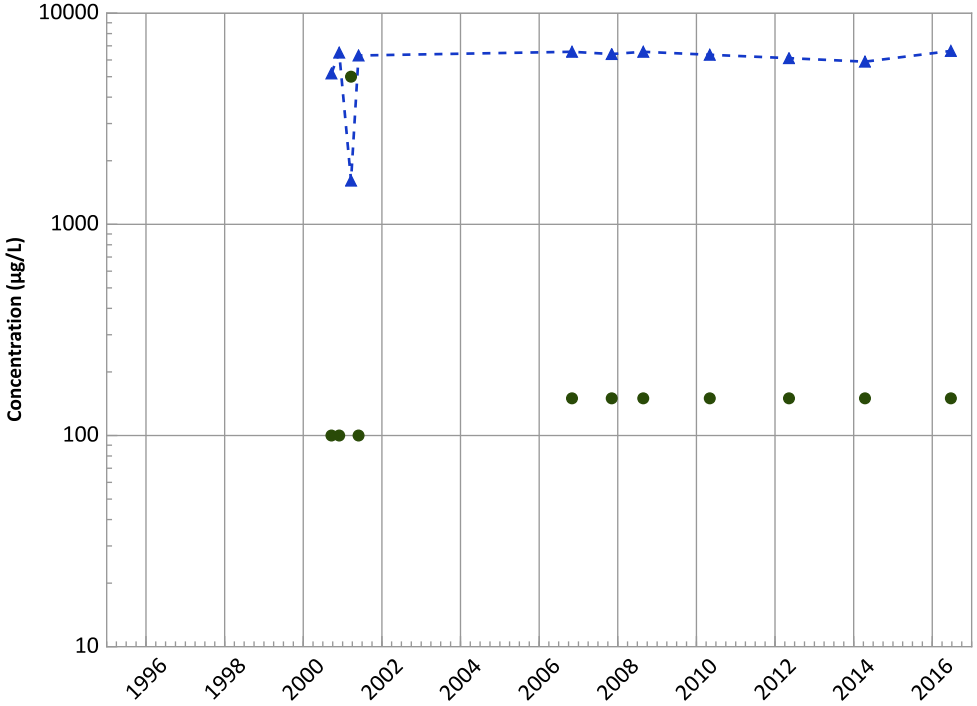


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Potassium Trend



Concentration Trend

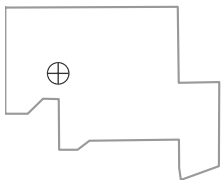
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

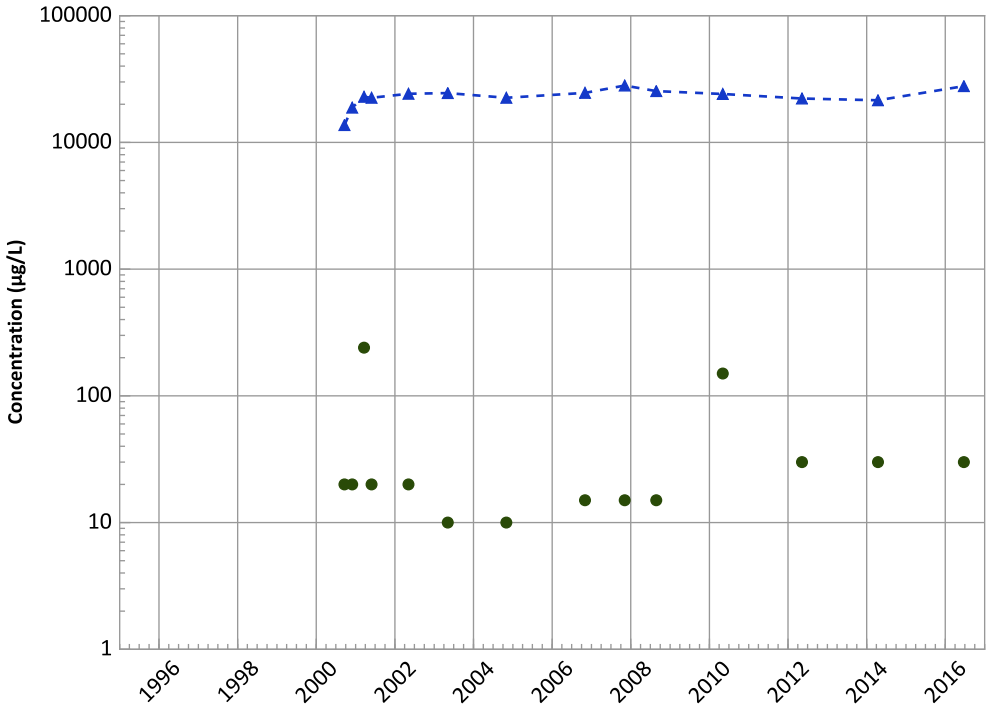
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

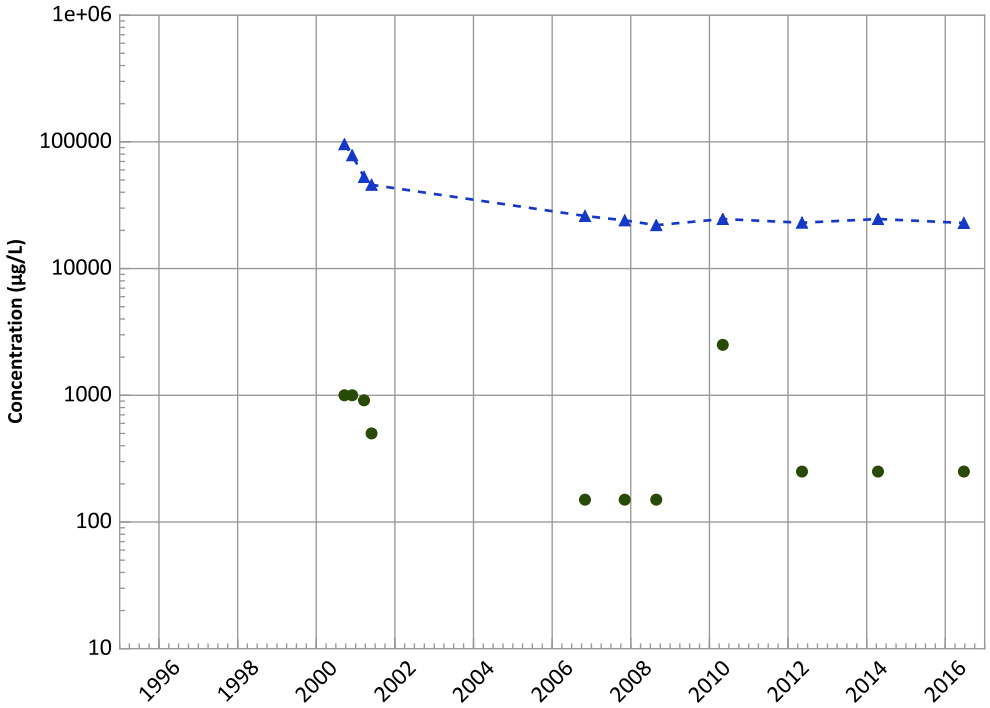


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Probably Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Increasing

Sodium Trend



Concentration Trend

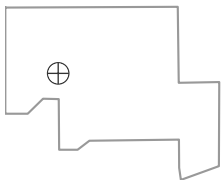
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

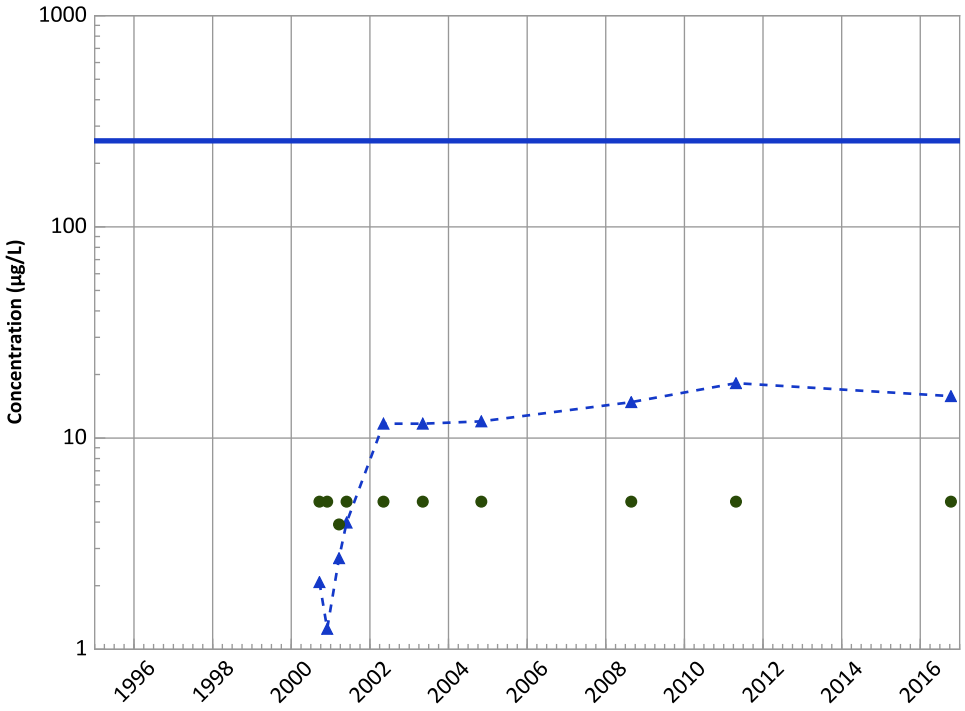
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

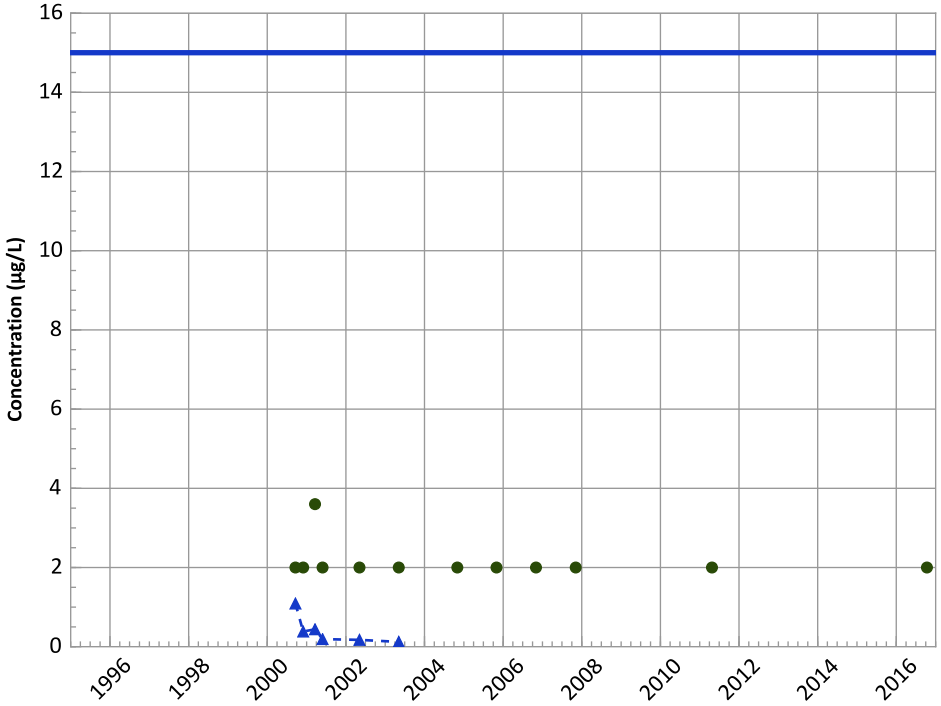


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Lead Trend



Concentration Trend

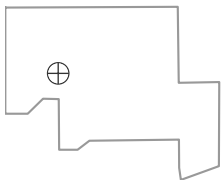
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

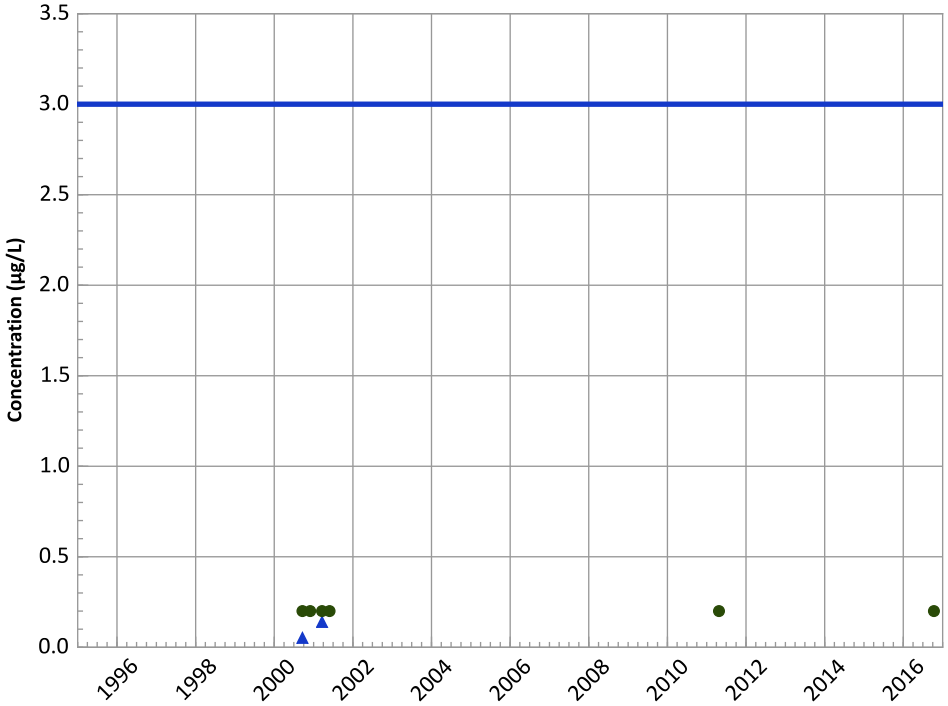
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Mercury Trend

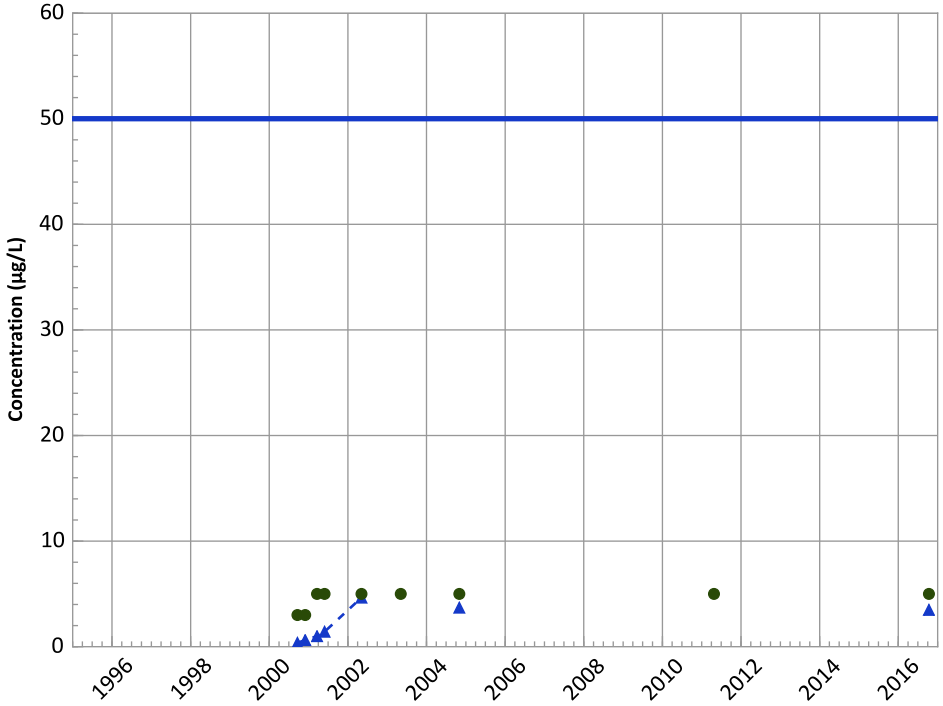


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Selenium Trend



Concentration Trend

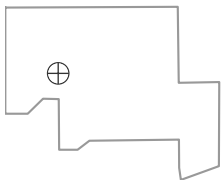
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

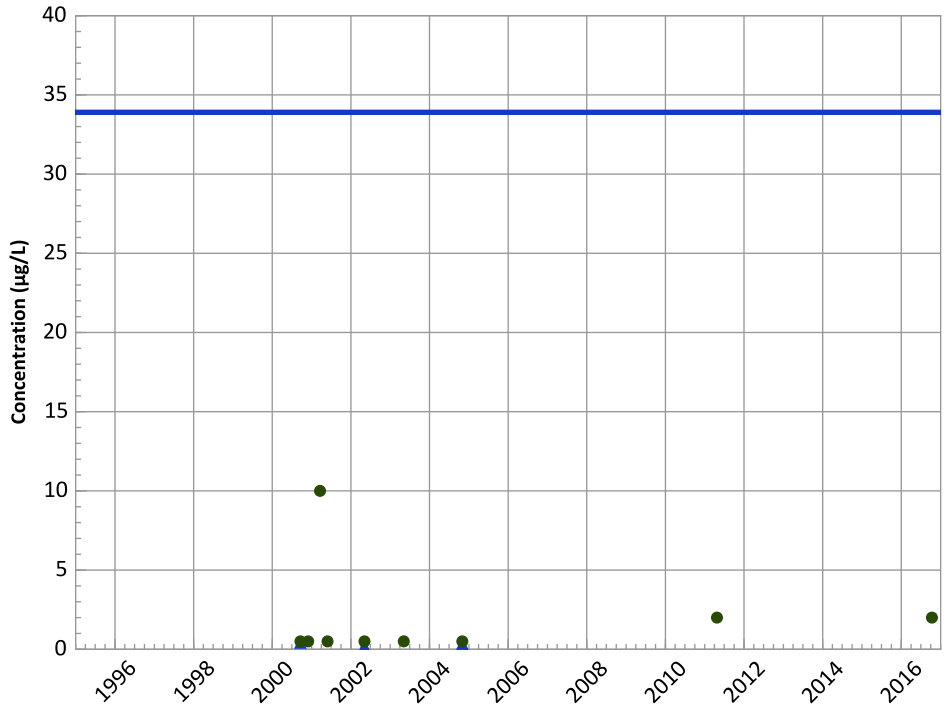
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Thallium Trend

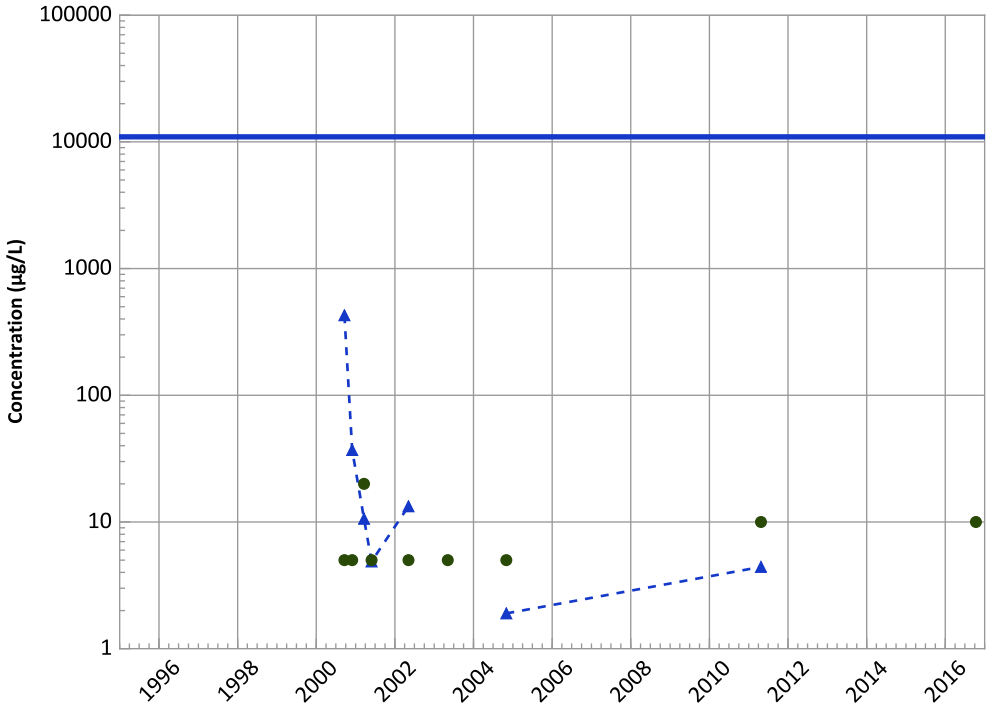


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Zinc Trend



Concentration Trend

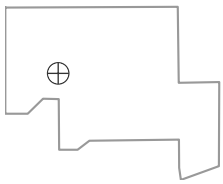
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

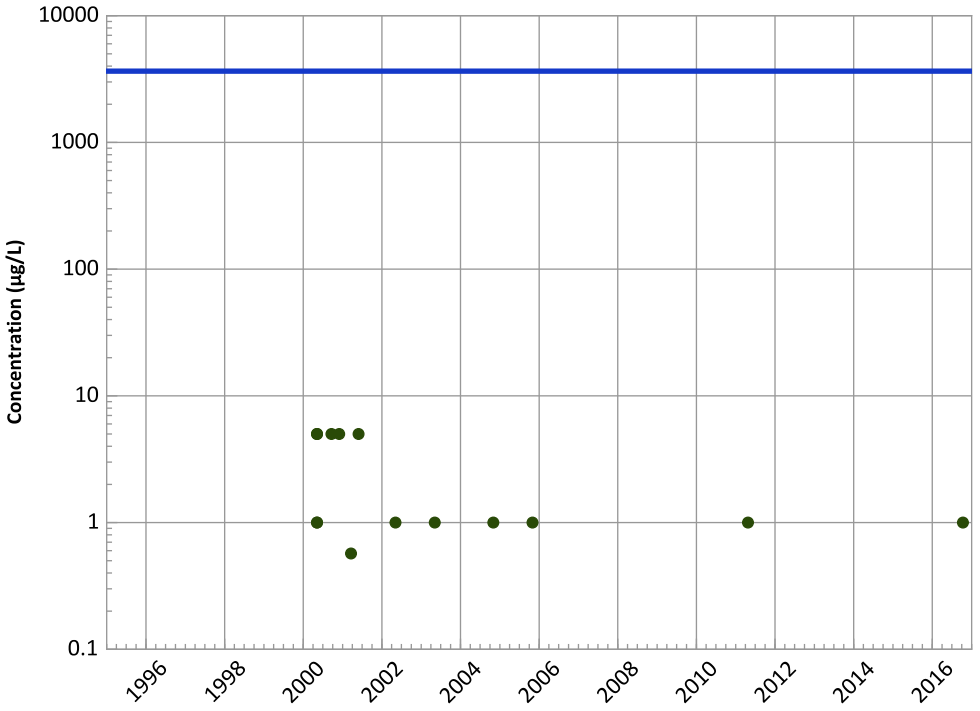
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1-Dichloroethane Trend

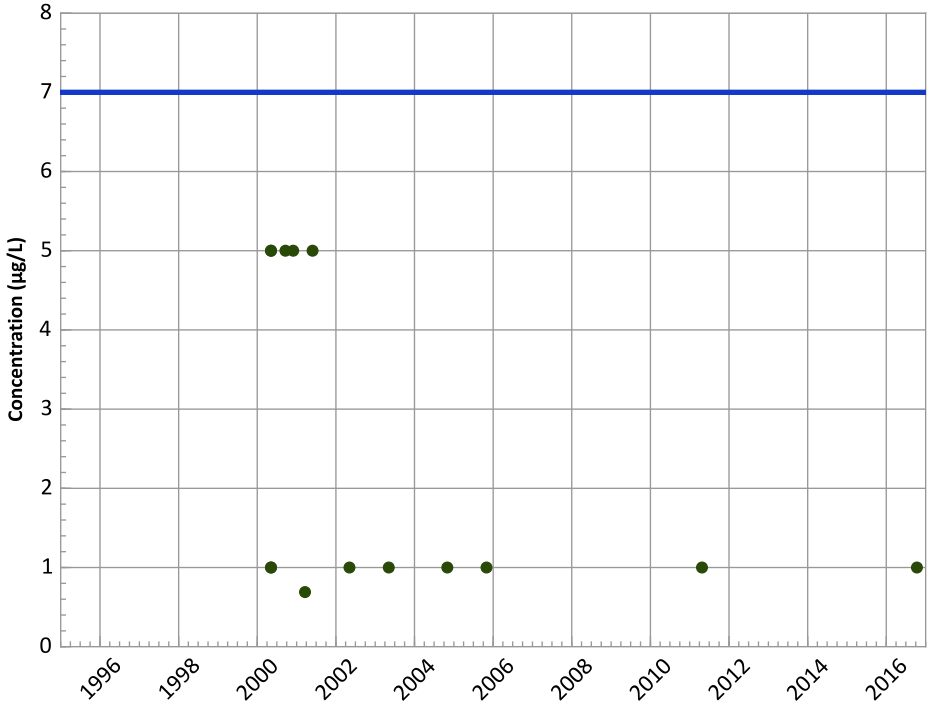


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1-Dichloroethene Trend



Concentration Trend

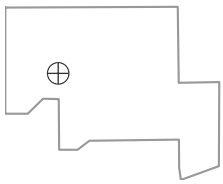
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

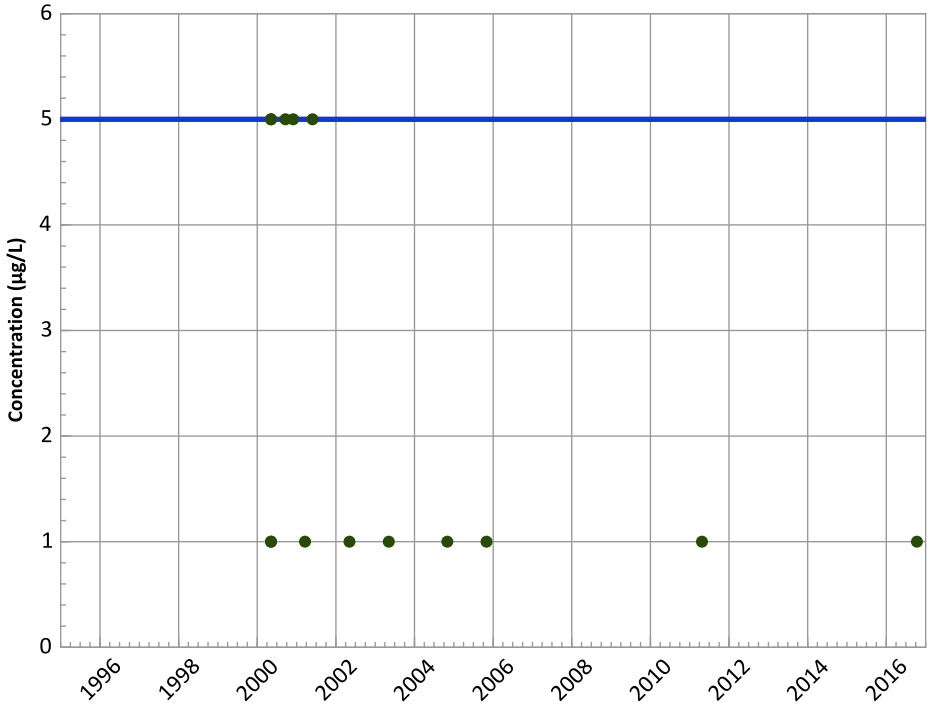
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1,2,2-Tetrachloroethane Trend

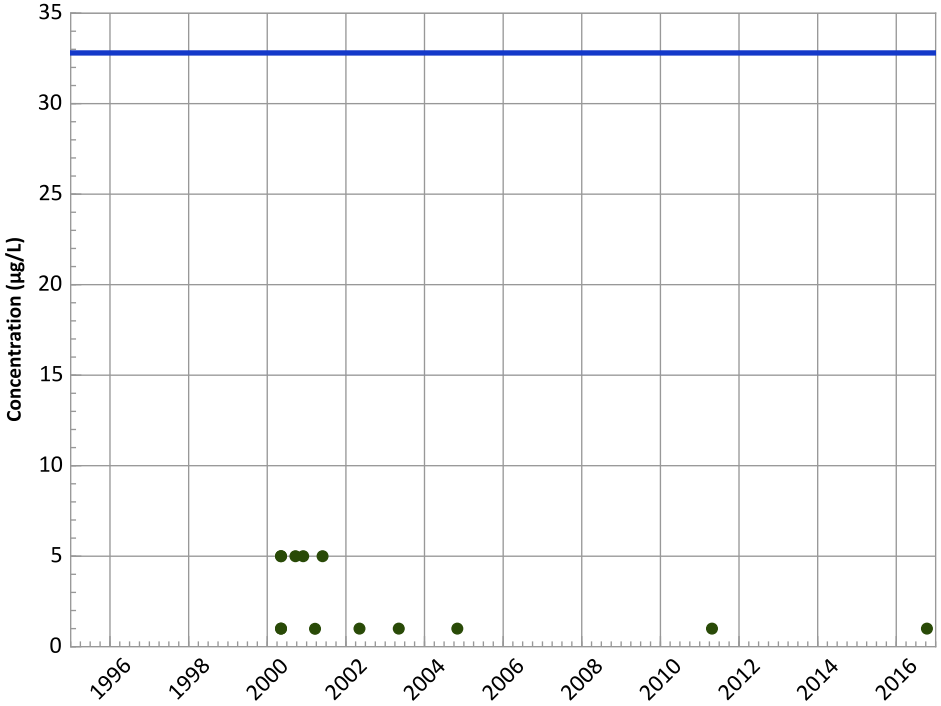


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1,1,2-Tetrachloroethane Trend



Concentration Trend

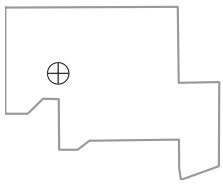
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

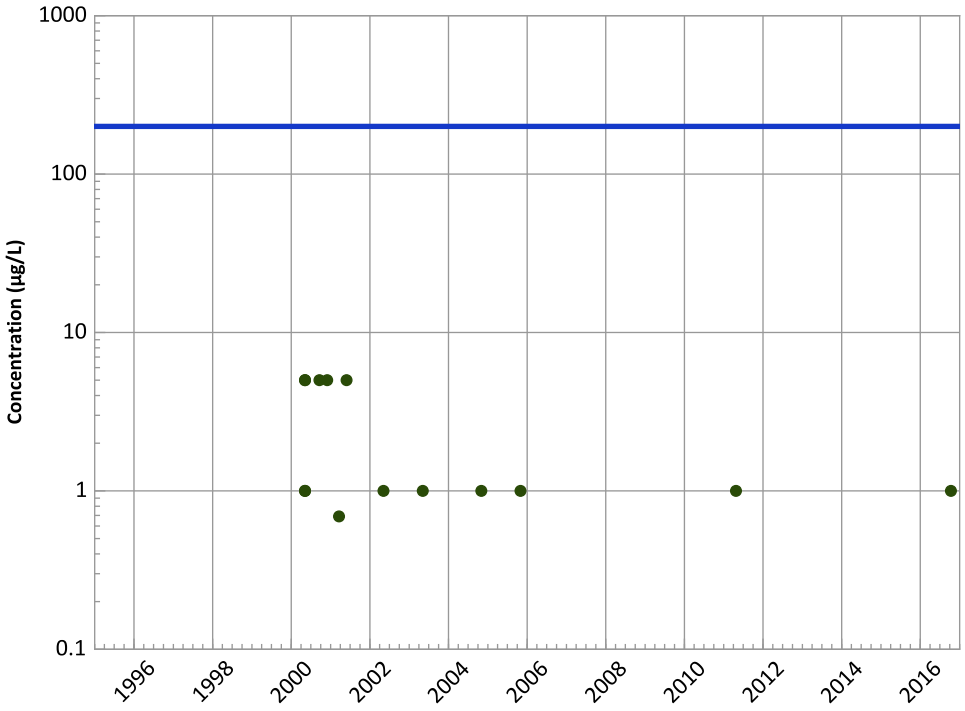
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,1,1-Trichloroethane Trend

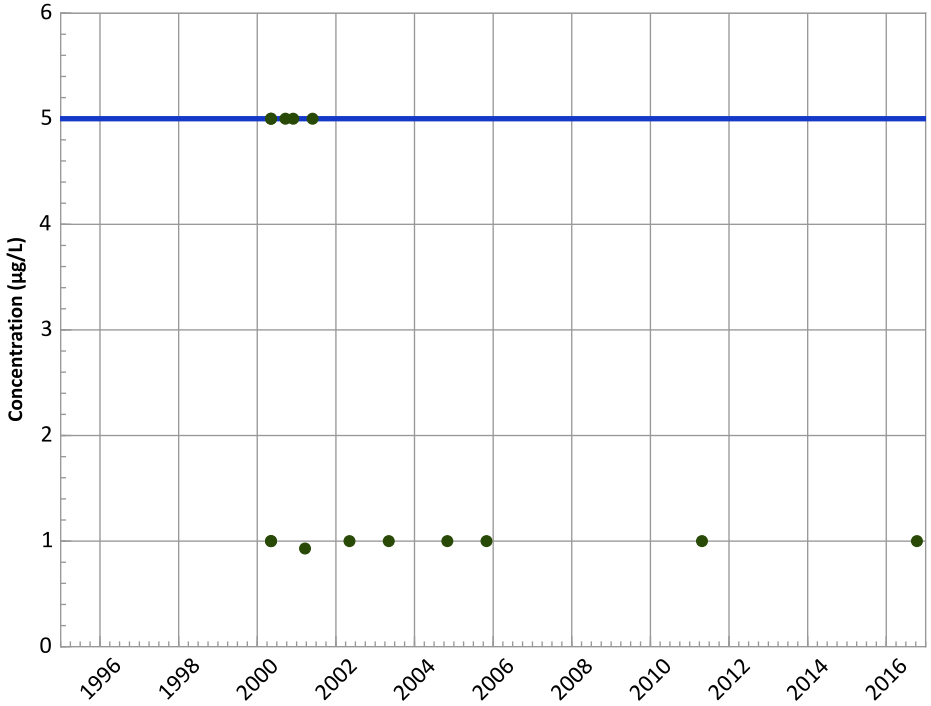


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,1,2-Trichloroethane Trend



Concentration Trend

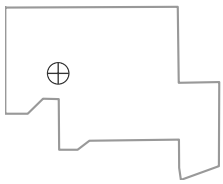
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

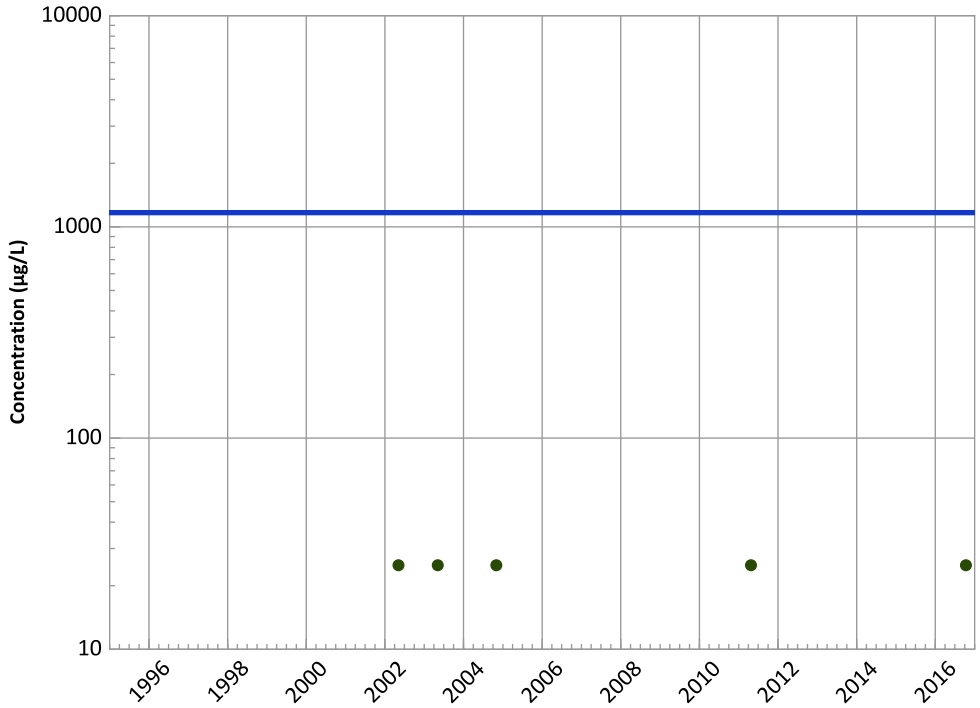
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Acetonitrile Trend

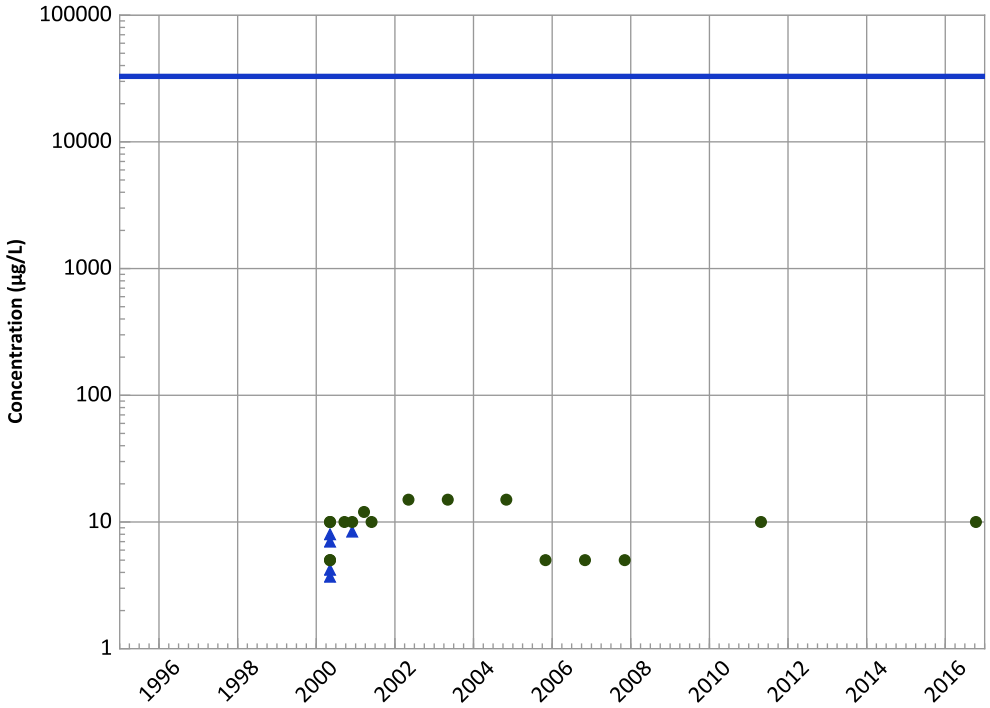


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Acetone Trend



Concentration Trend

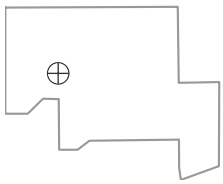
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

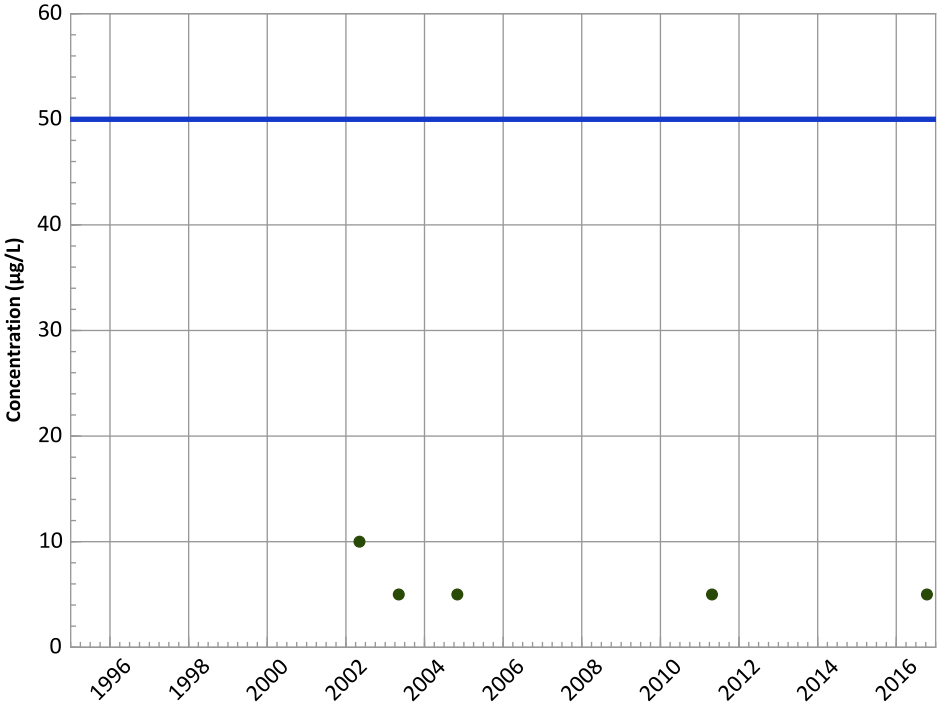
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Acrolein Trend

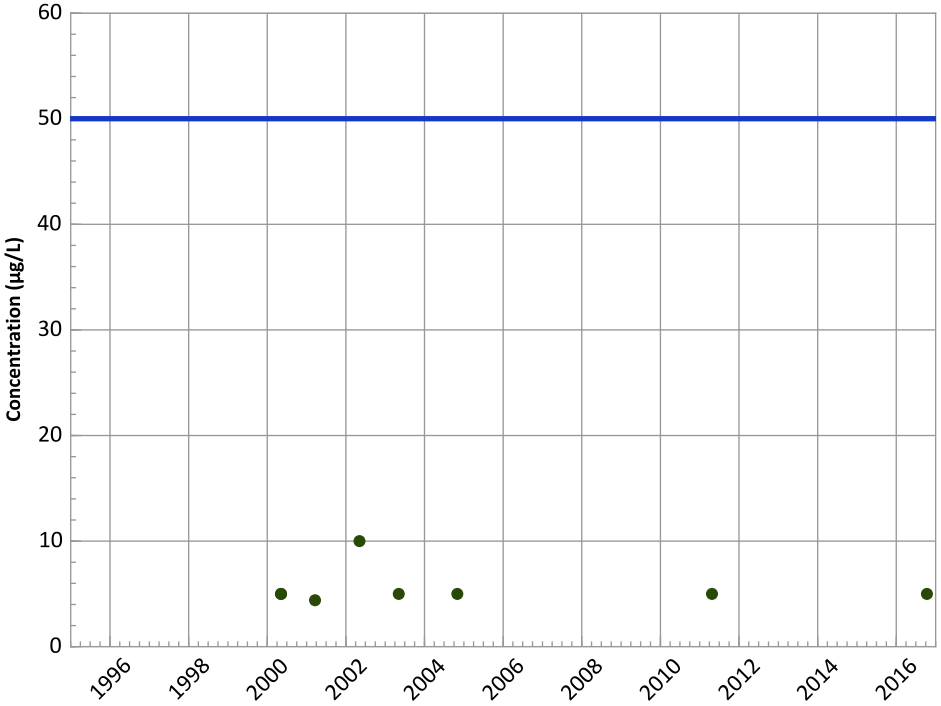


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Acrylonitrile Trend



Concentration Trend

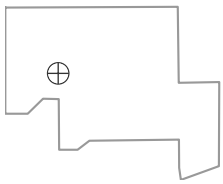
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

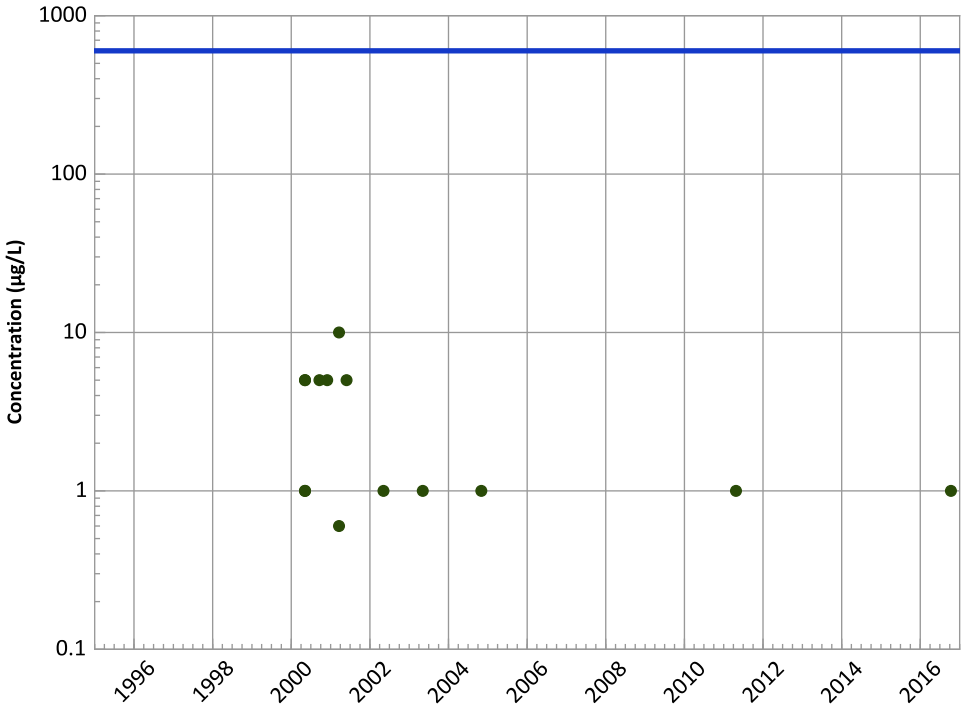
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichlorobenzene Trend

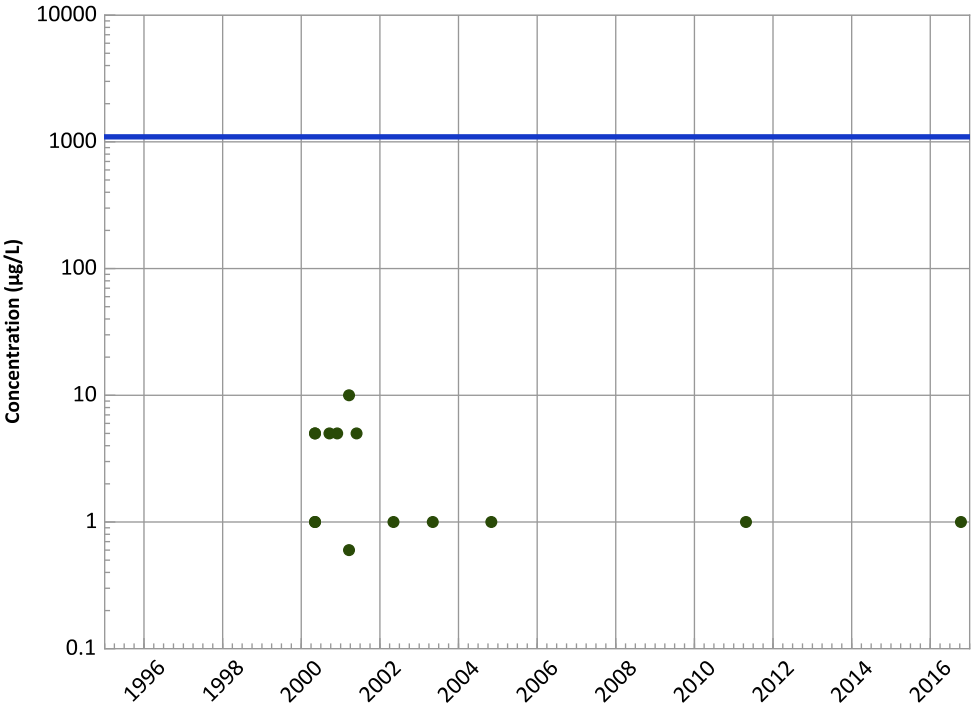


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,3-Dichlorobenzene Trend



Concentration Trend

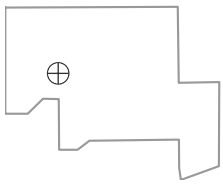
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

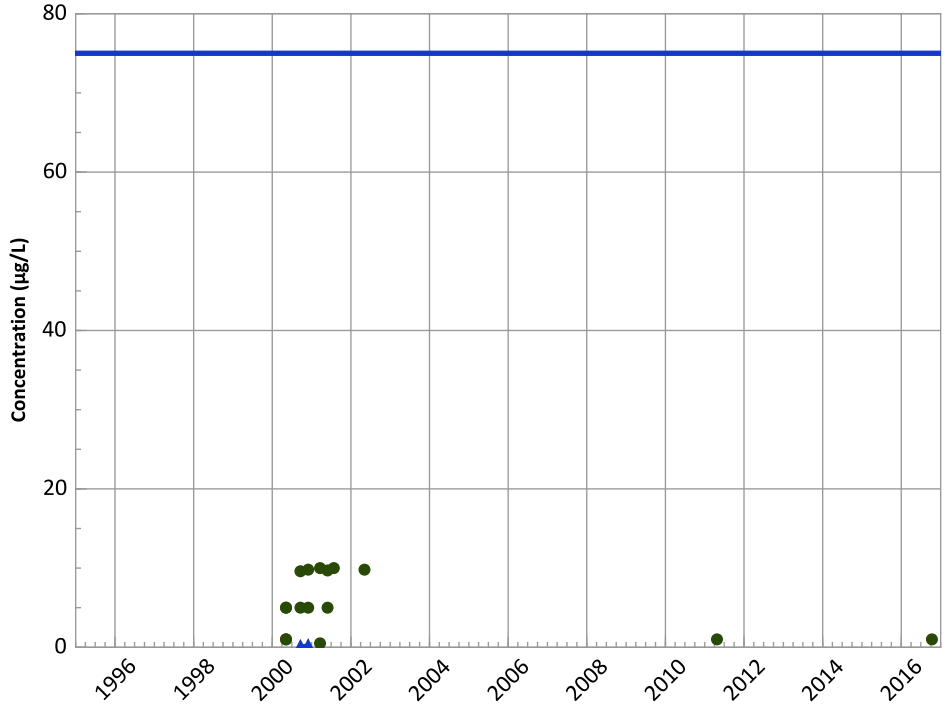
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,4-Dichlorobenzene Trend

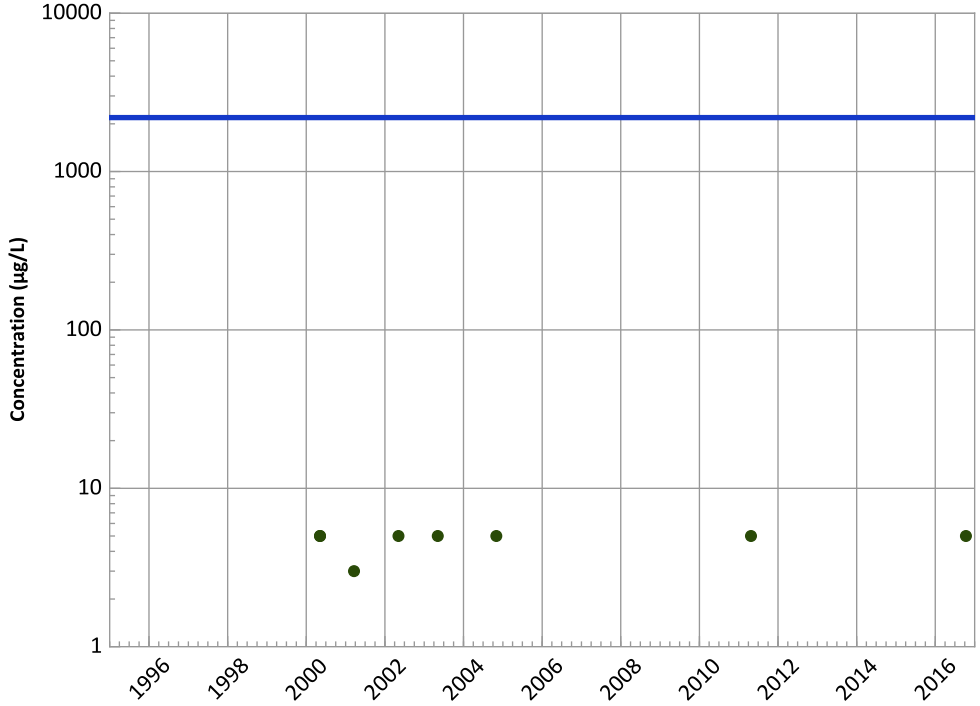


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

2-Hexanone Trend



Concentration Trend

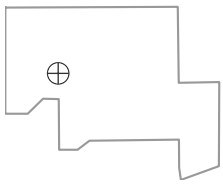
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

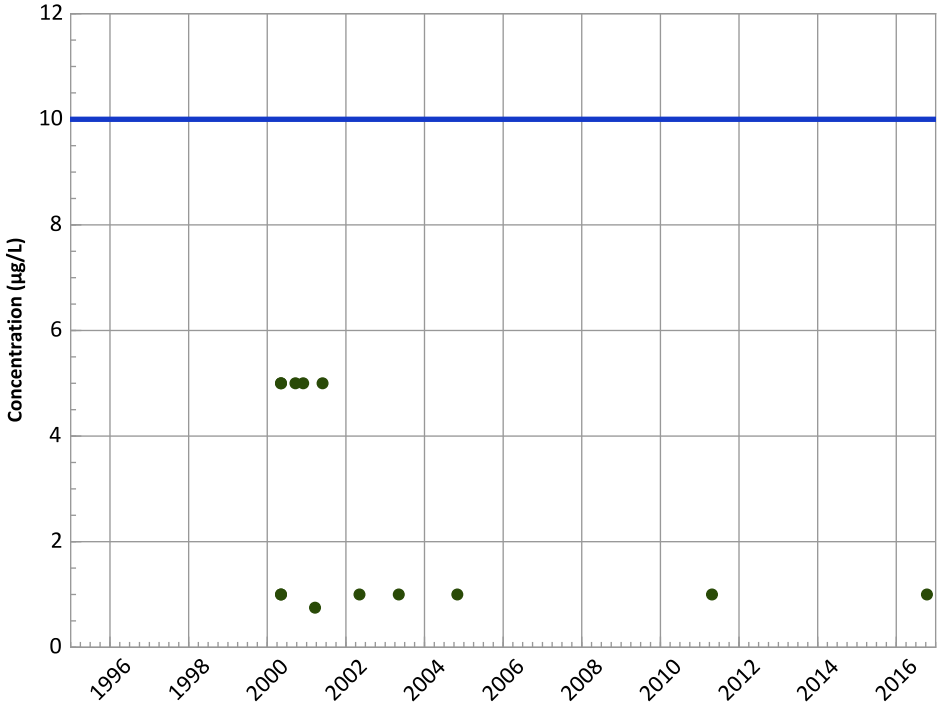
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2,3-Trichloropropane Trend

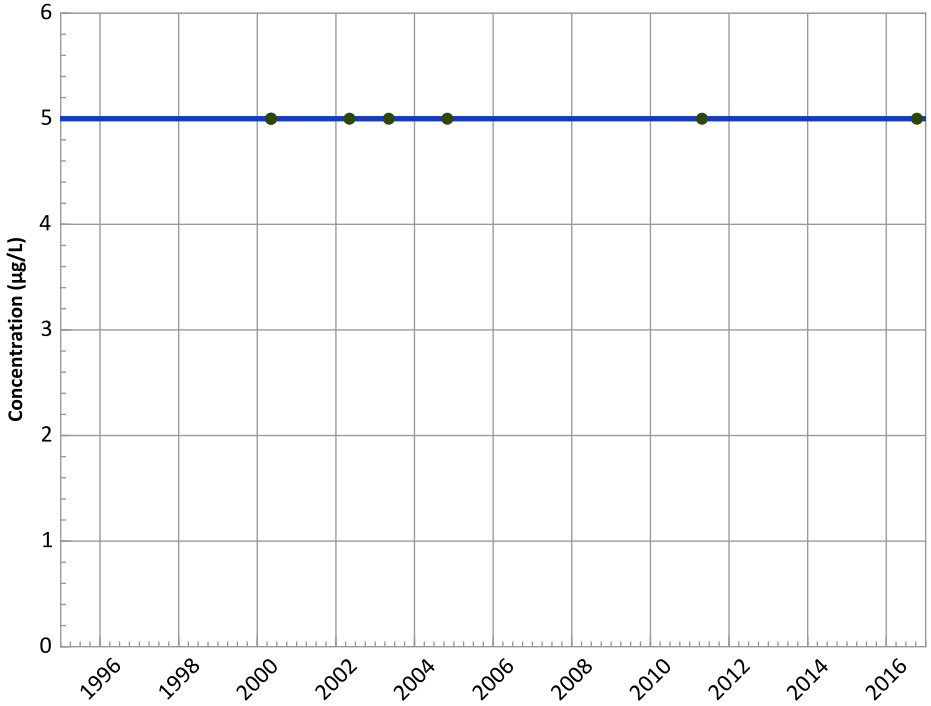


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Allyl Chloride Trend



Concentration Trend

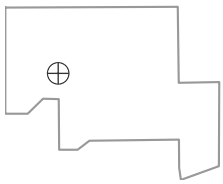
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

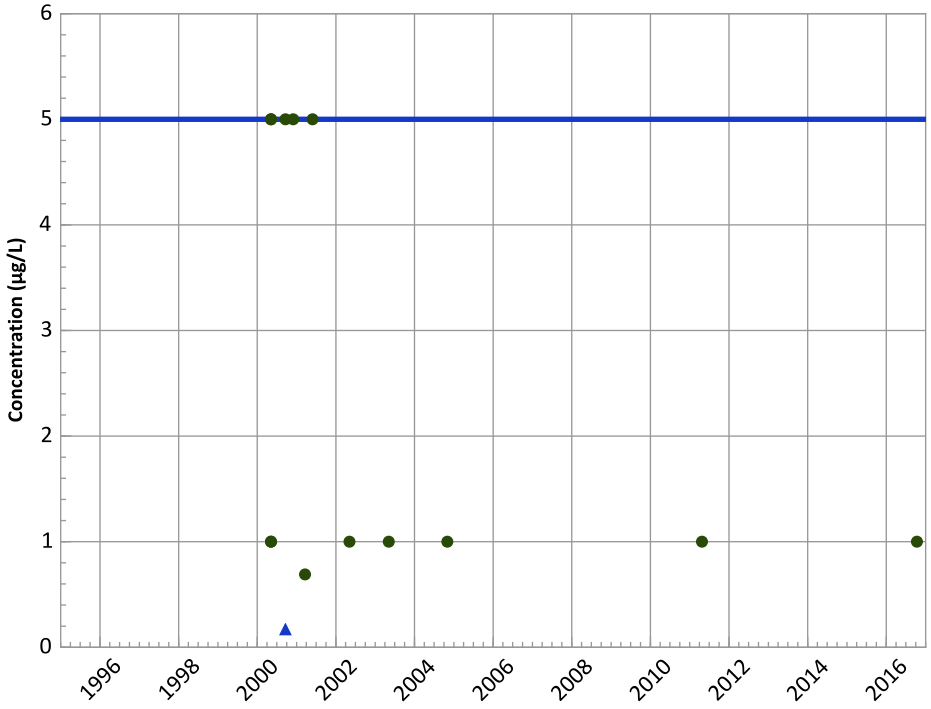
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Benzene Trend

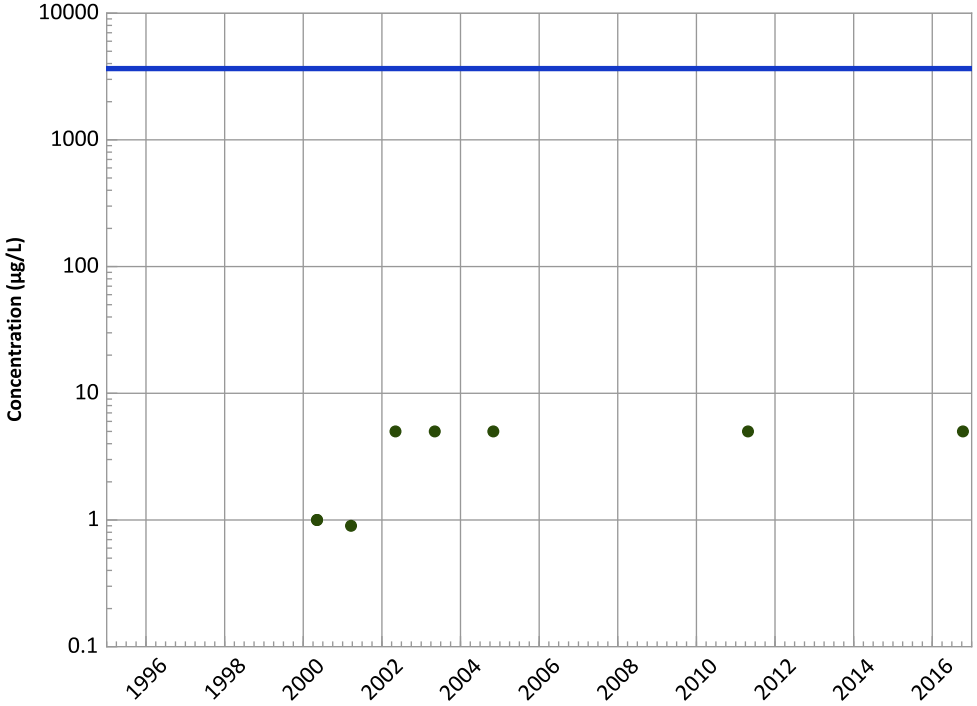


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

Carbon Disulfide Trend



Concentration Trend

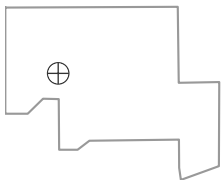
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

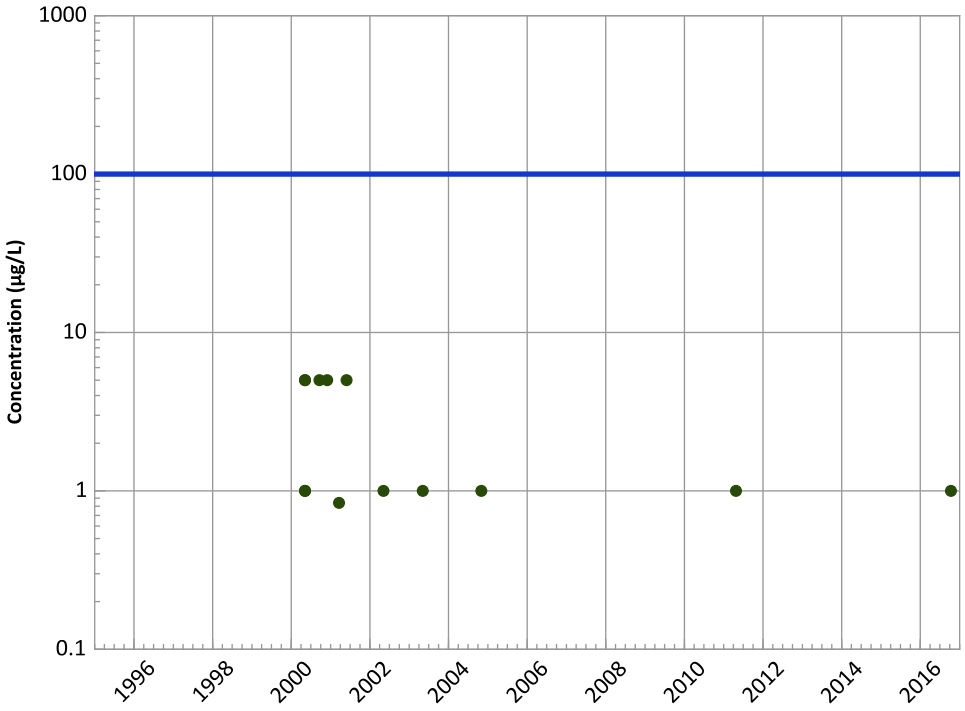
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chlorobenzene Trend

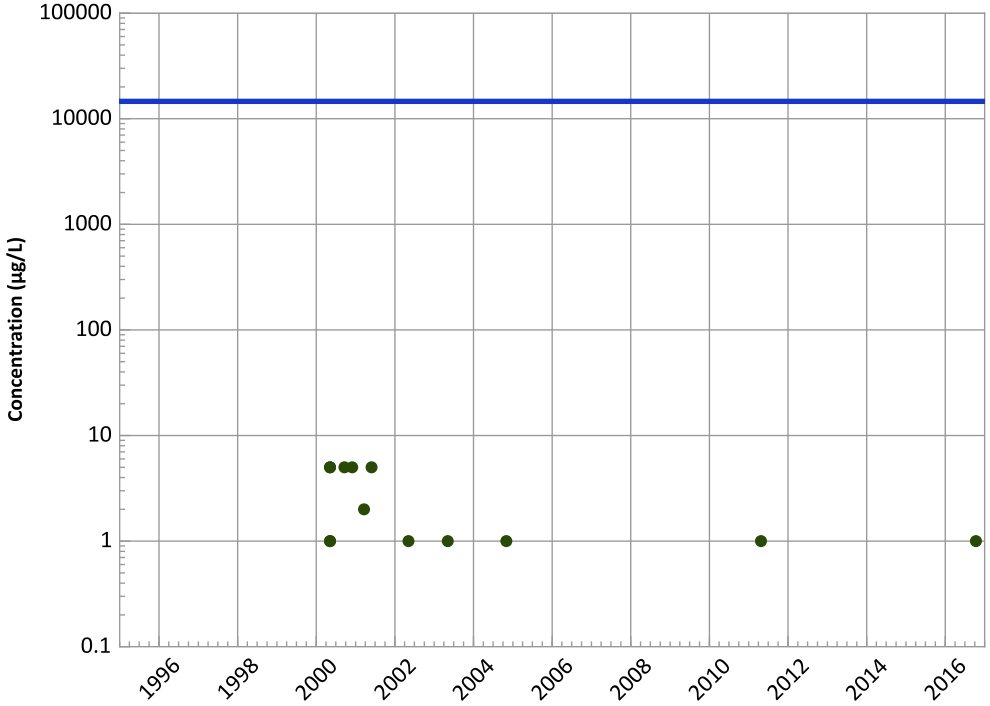


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Chloroethane Trend



Concentration Trend

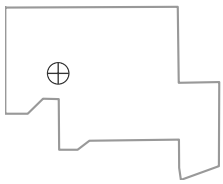
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

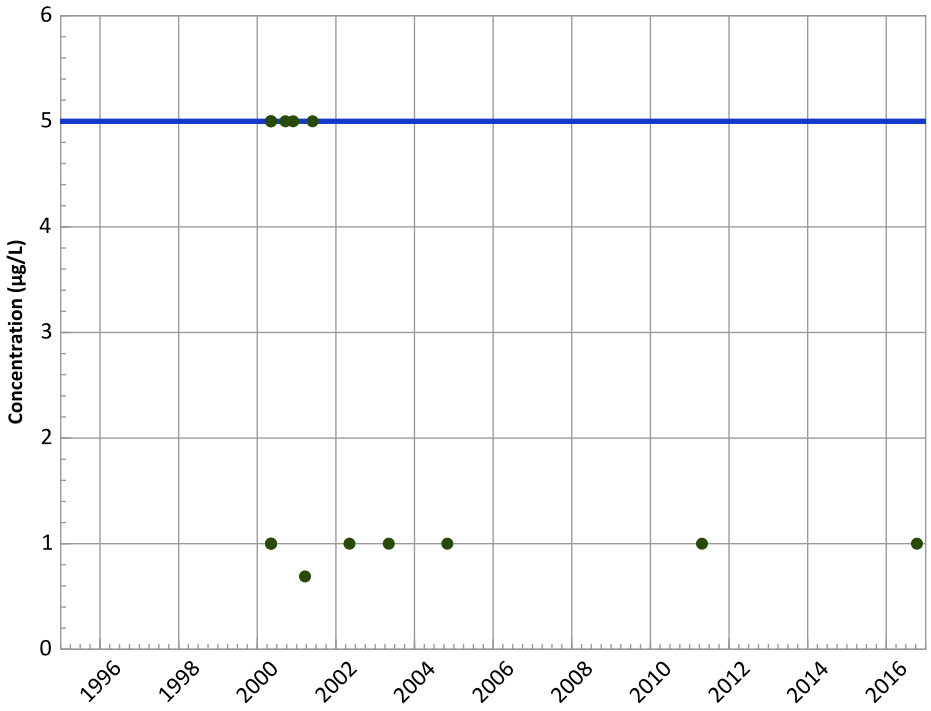
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Carbon Tetrachloride Trend

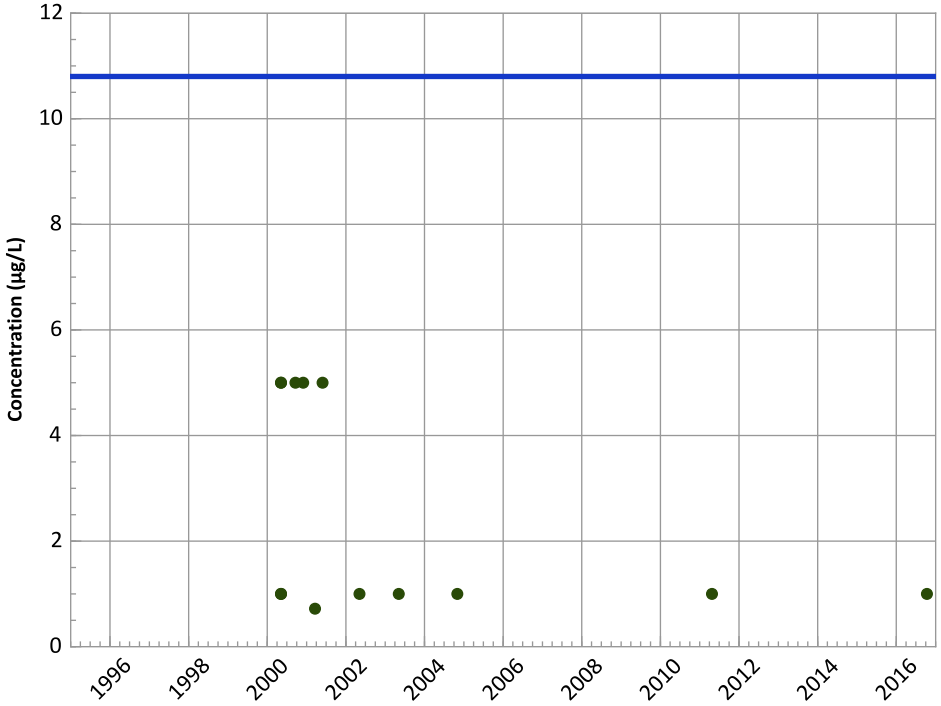


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Bromoform Trend

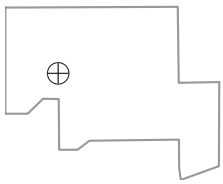


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Well Location

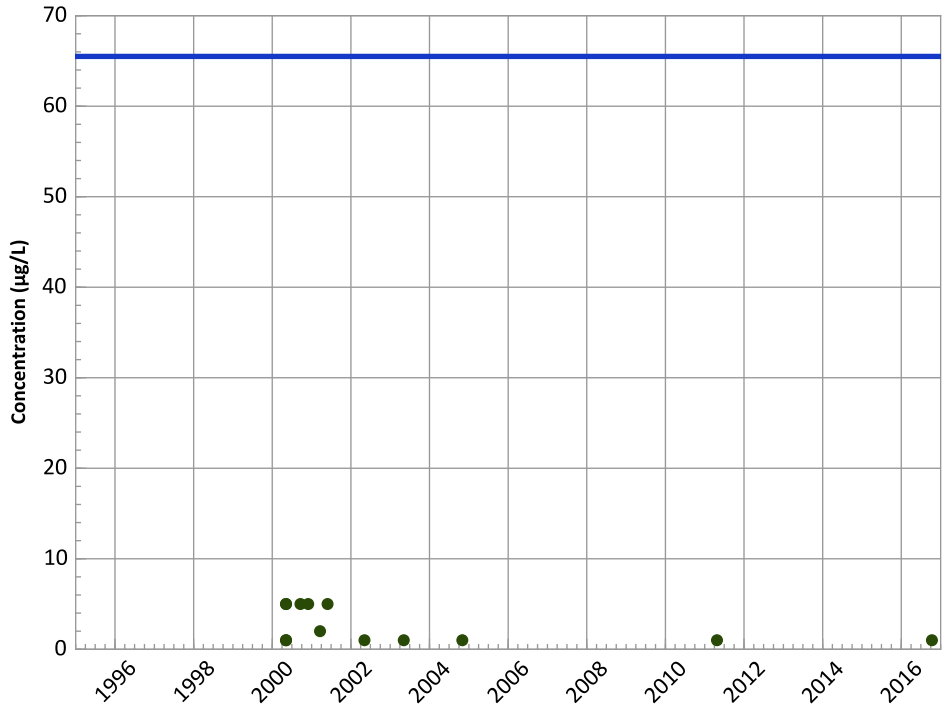


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloromethane Trend

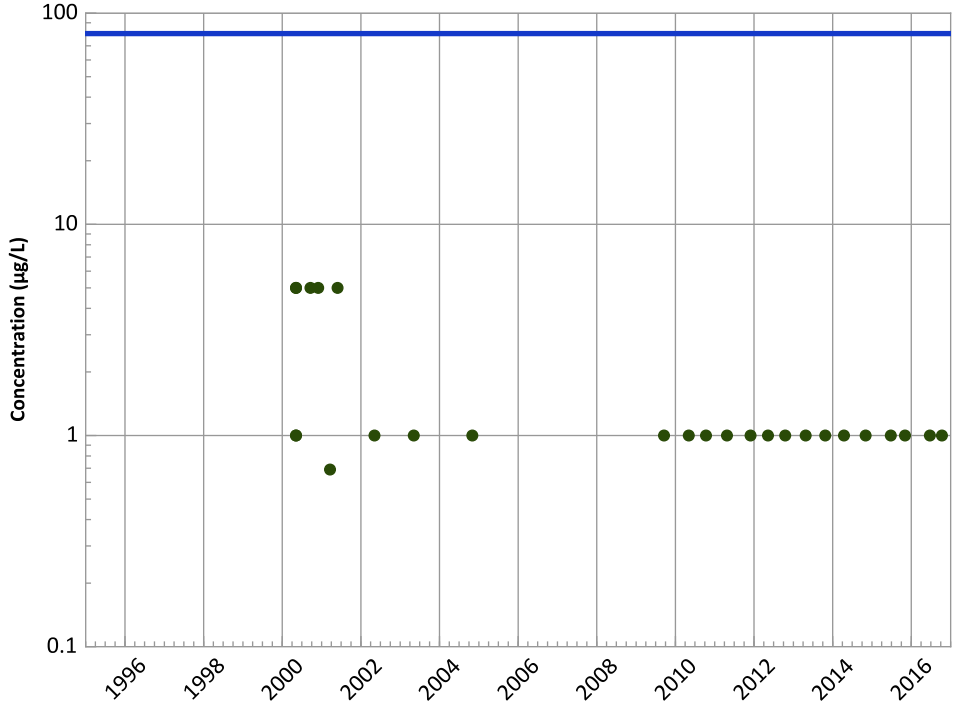


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Chloroform Trend



Concentration Trend

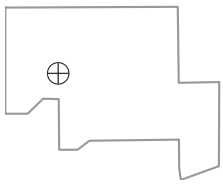
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

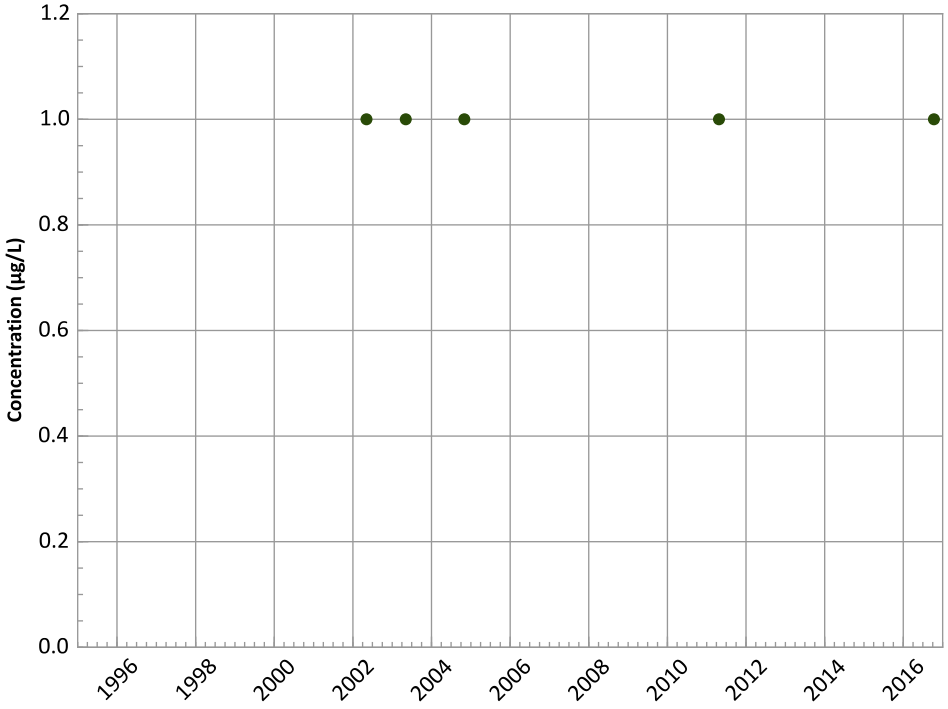
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2-Chloro-1,3-Butadiene Trend

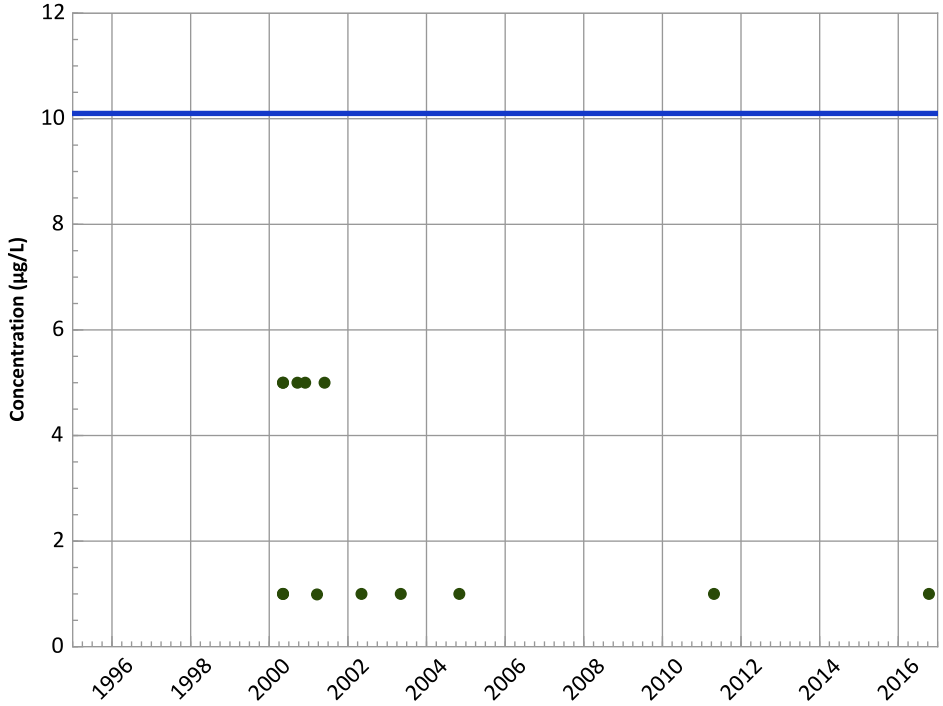


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Dibromochloromethane Trend



Concentration Trend

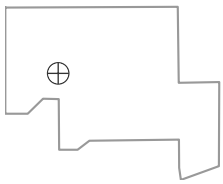
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

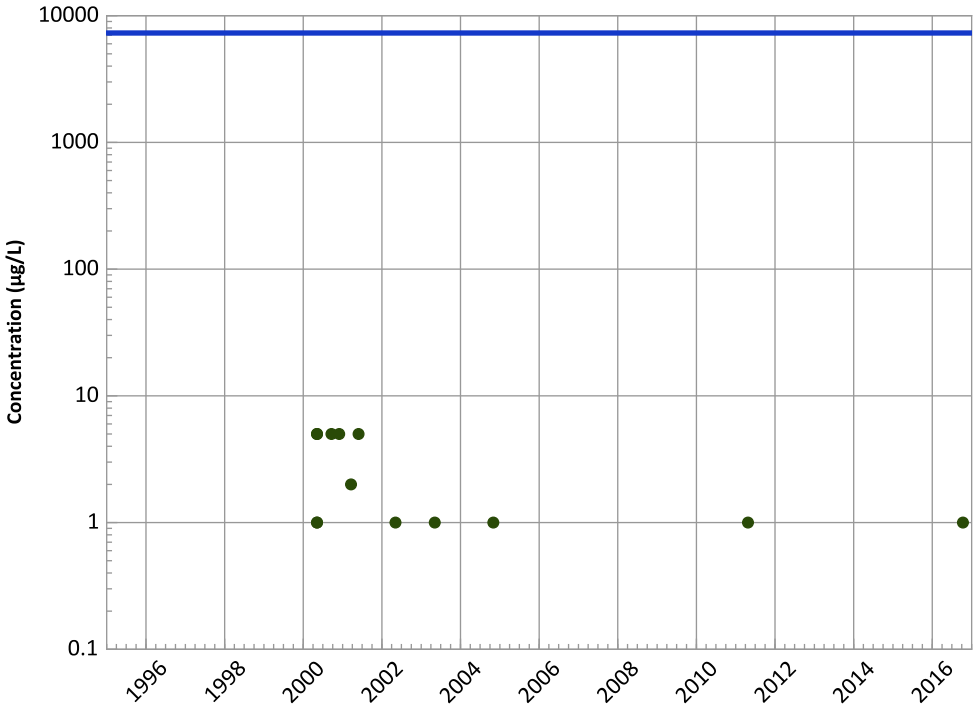
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Dichlorodifluoromethane Trend

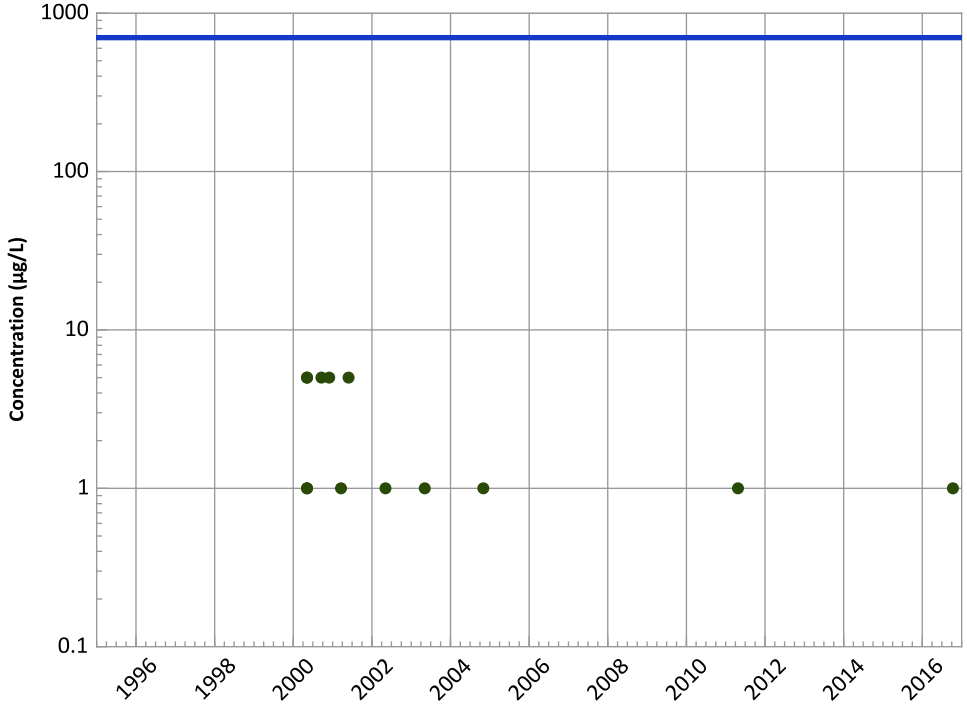


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Ethylbenzene Trend



Concentration Trend

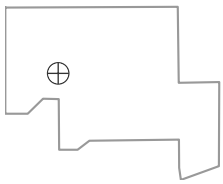
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

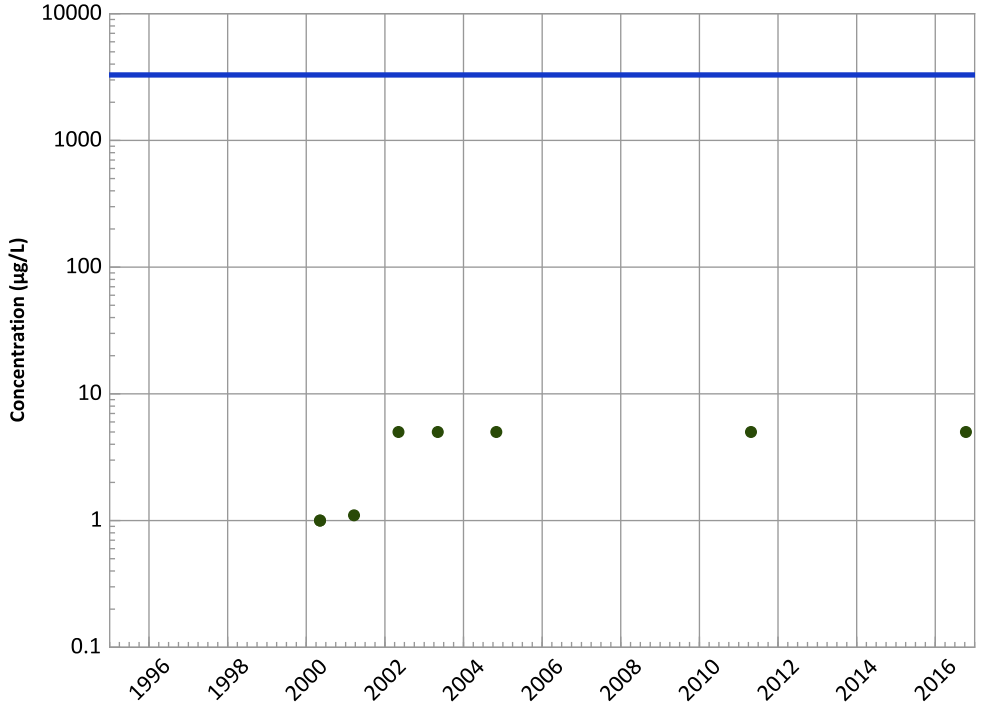
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Ethyl Methacrylate Trend

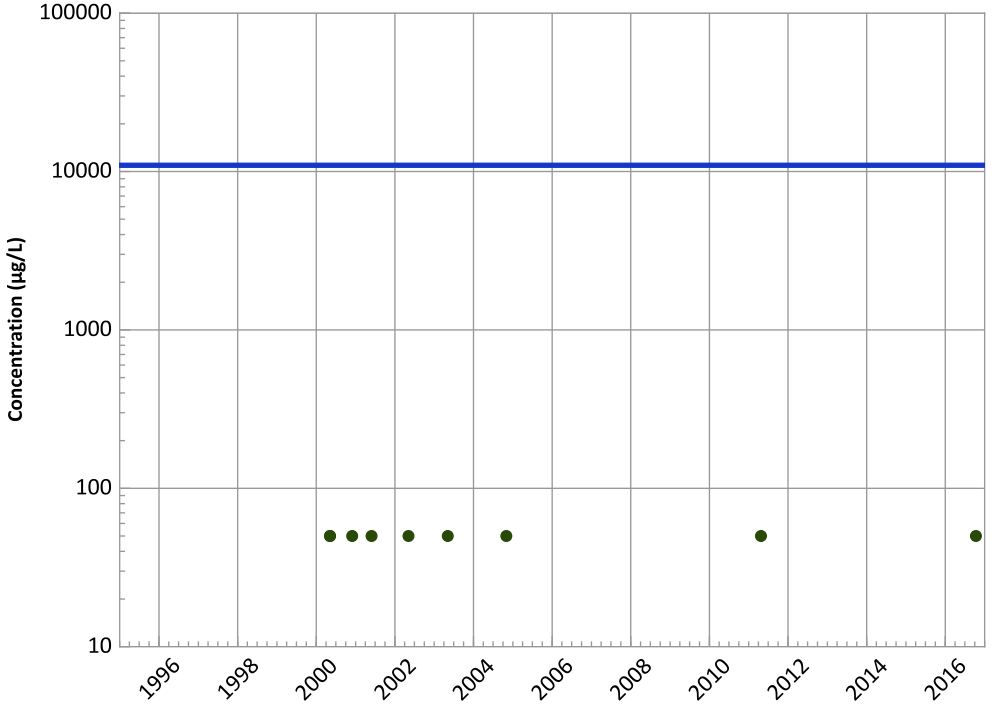


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Isobutanol Trend



Concentration Trend

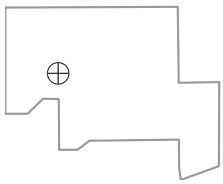
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

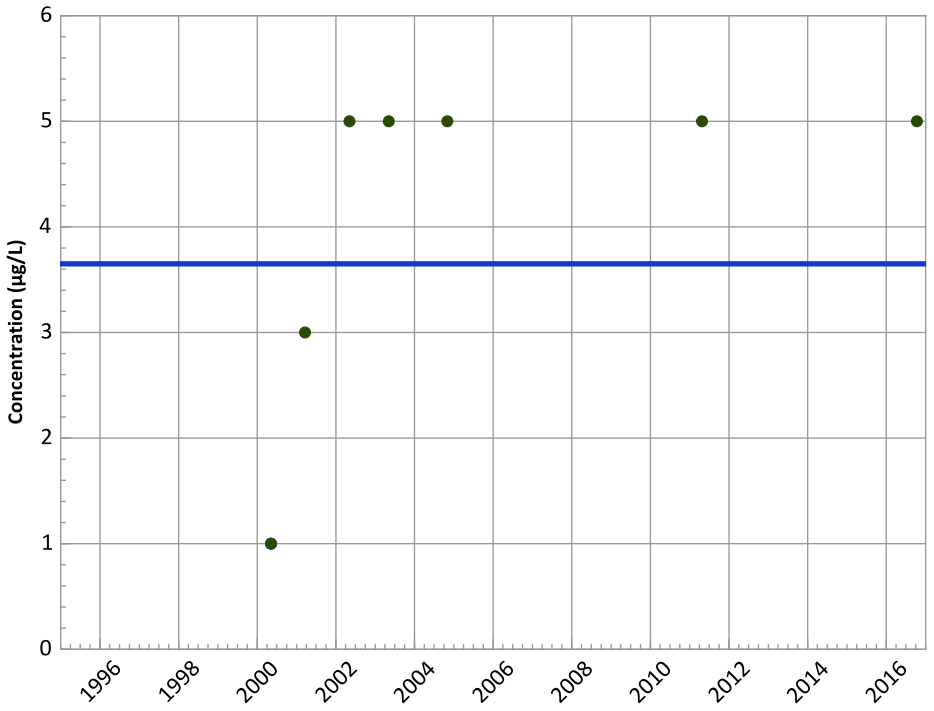
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methylacrylonitrile Trend

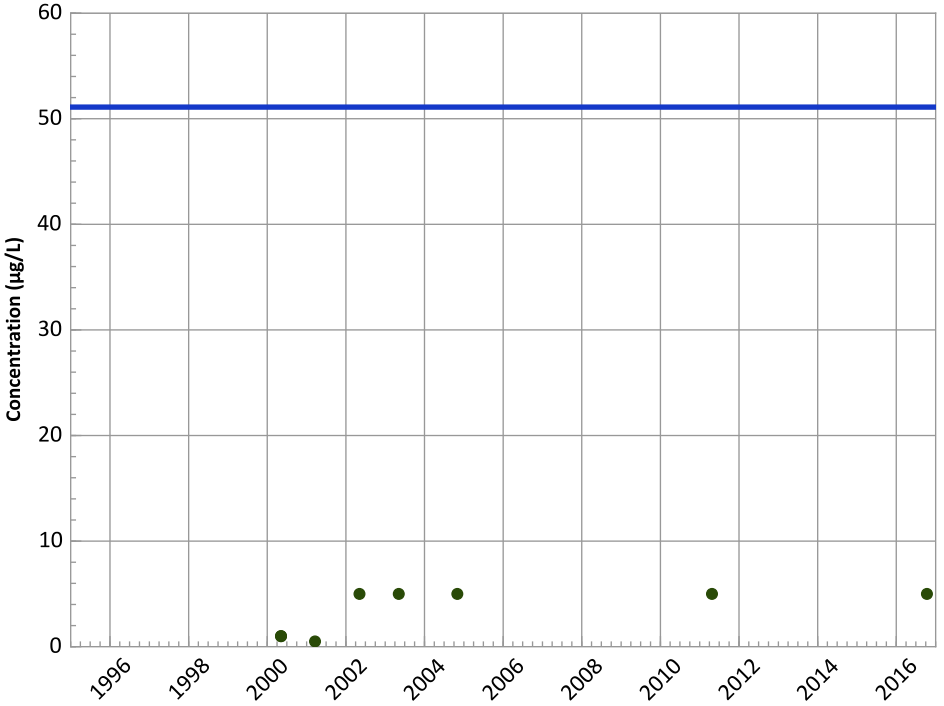


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Iodomethane (Methyl Iodide) Trend



Concentration Trend

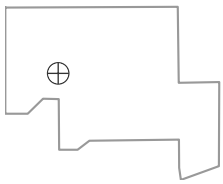
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

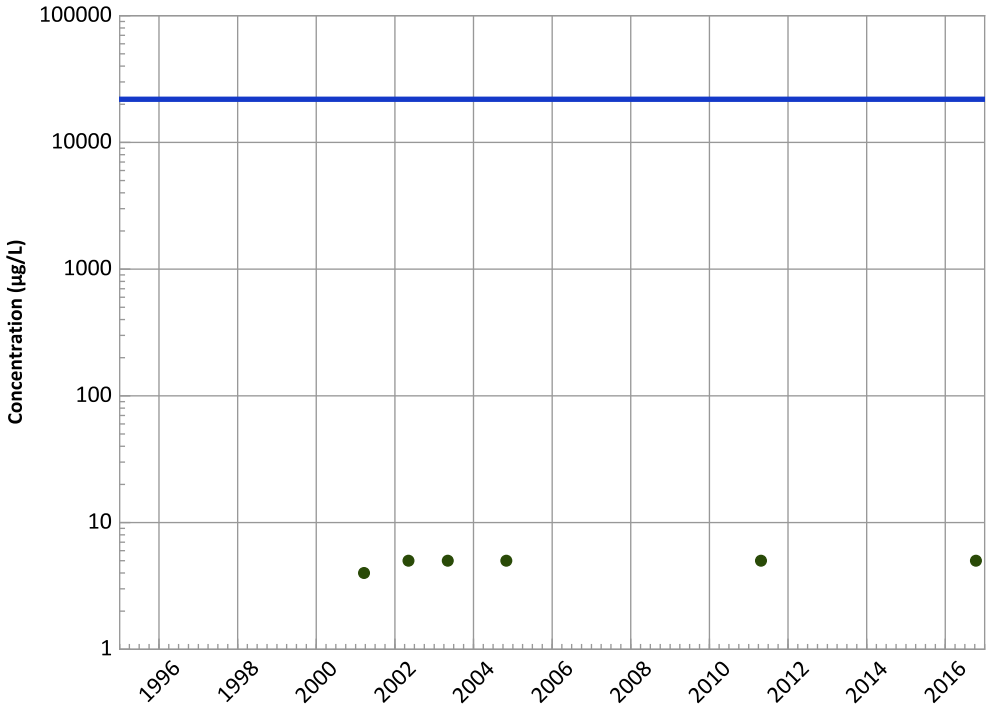
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methyl Ethyl Ketone (2-Butanone) Trend

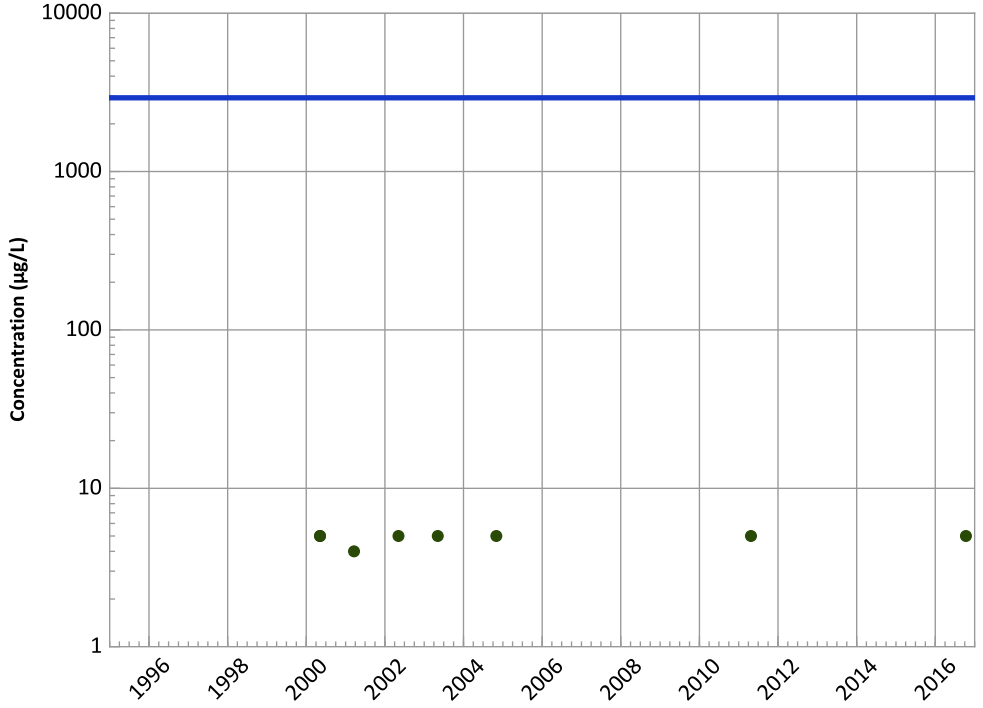


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) Trend



Concentration Trend

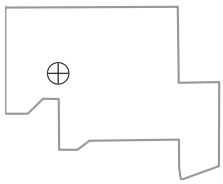
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

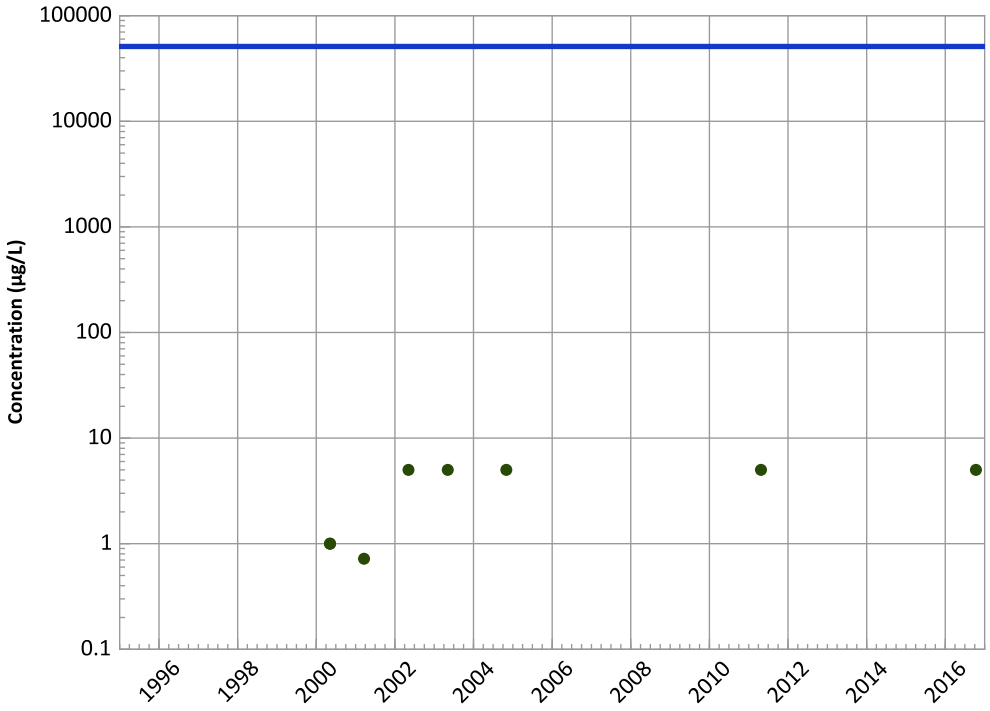
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Methyl Methacrylate Trend

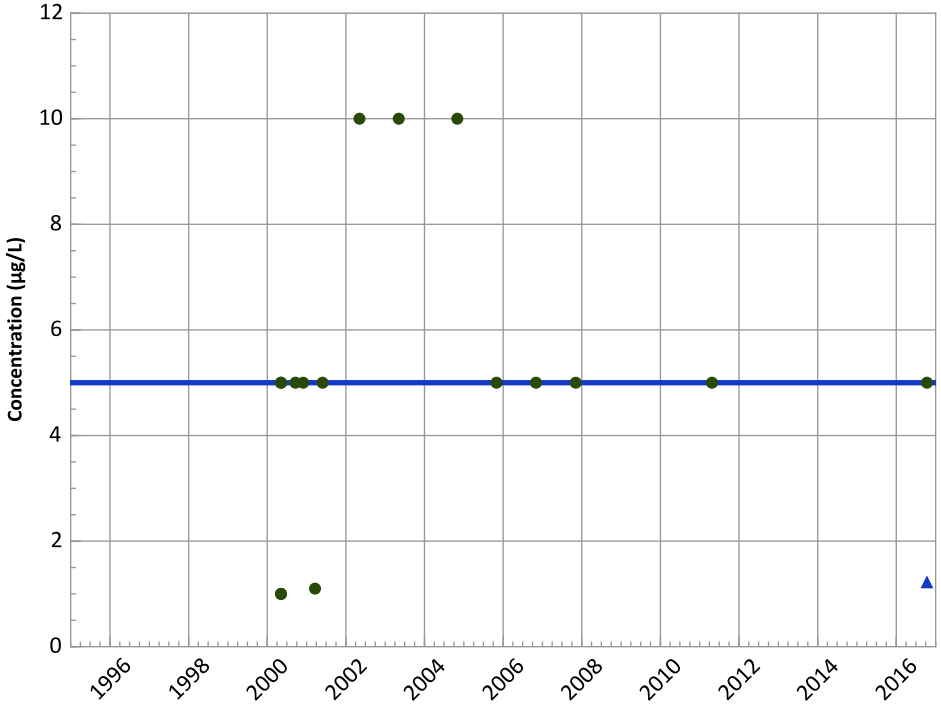


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Methylene Chloride Trend



Concentration Trend

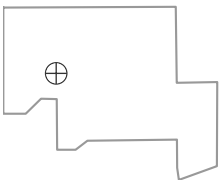
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

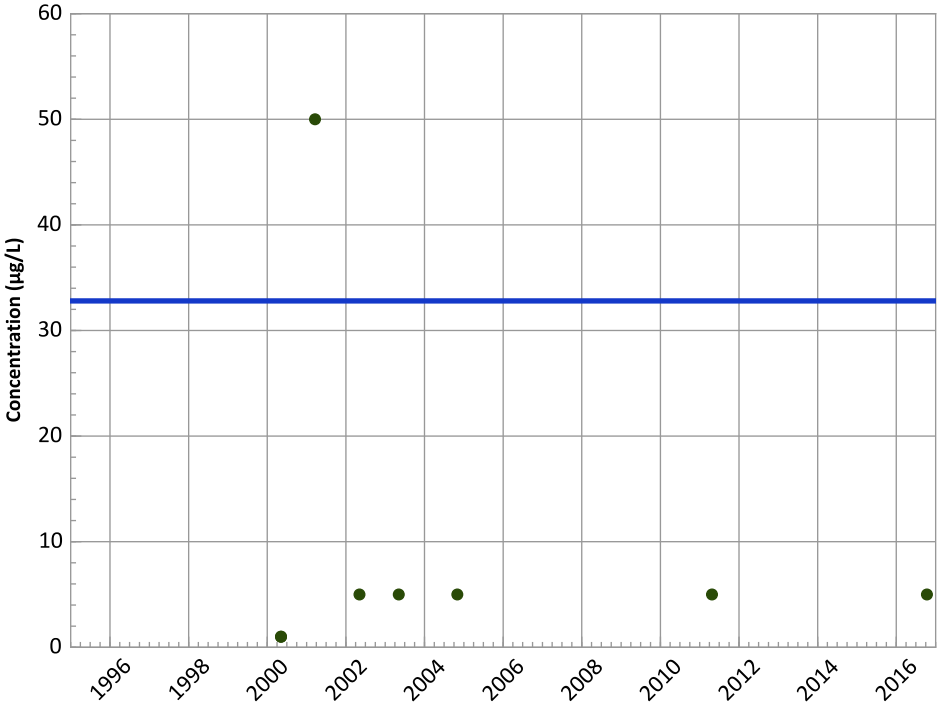
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Pentachloroethane Trend

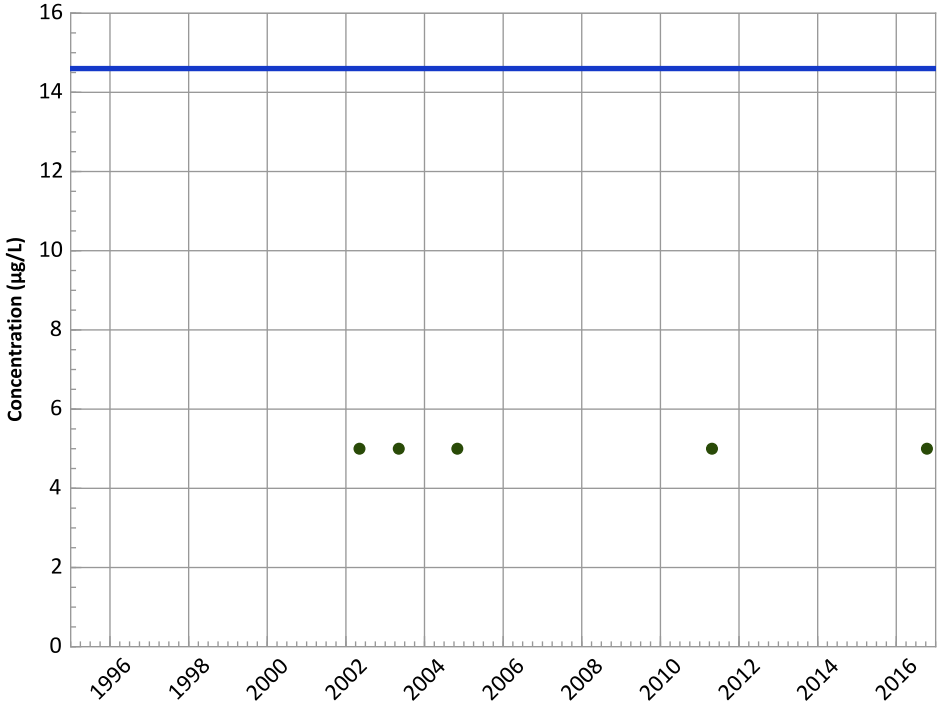


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Propane Nitrile (Propionitrile) Trend



Concentration Trend

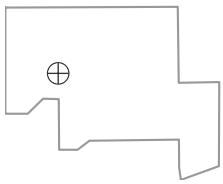
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

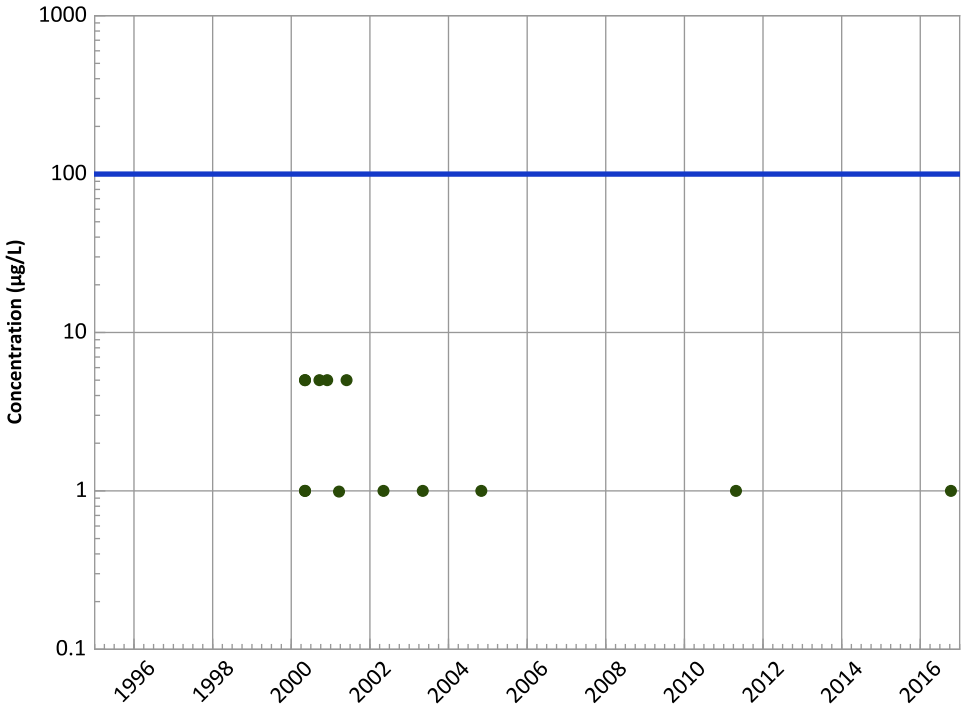
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Styrene Trend

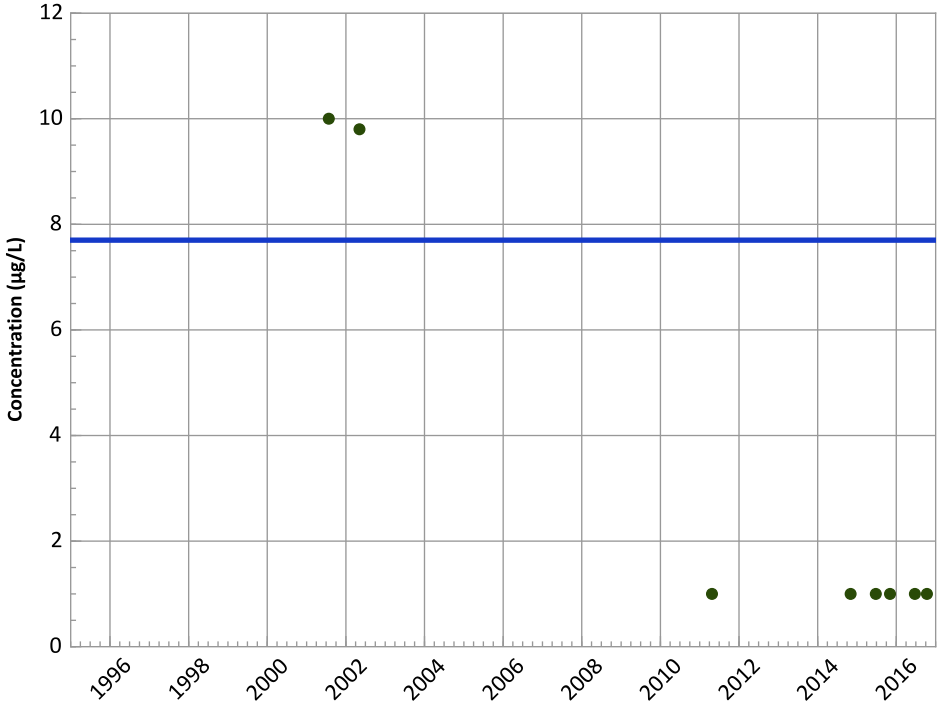


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend

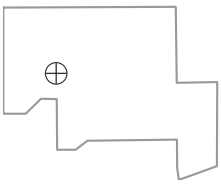


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Well Location

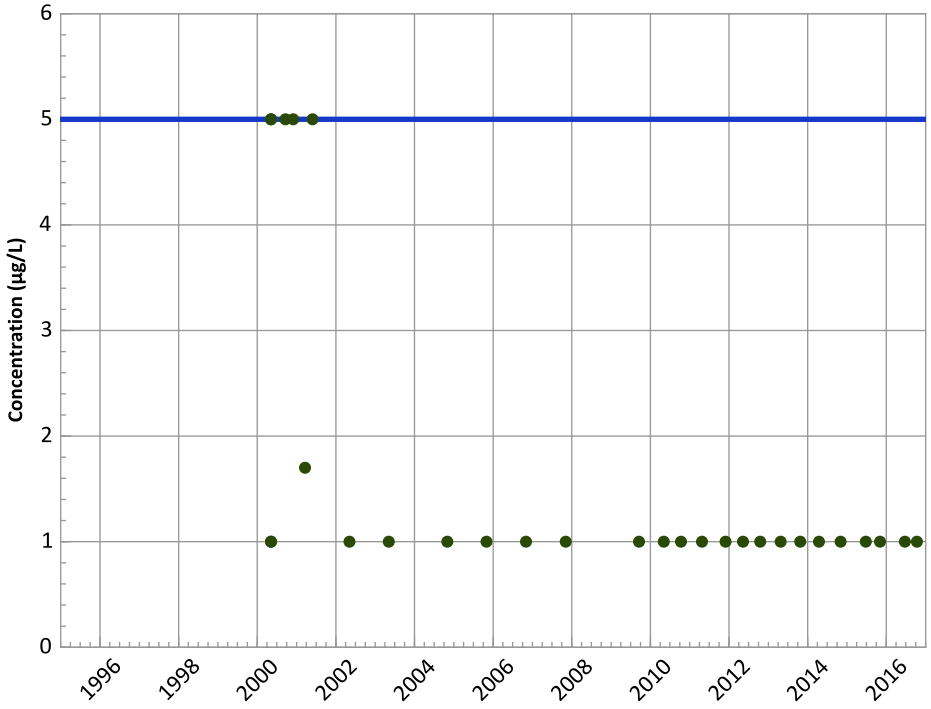


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

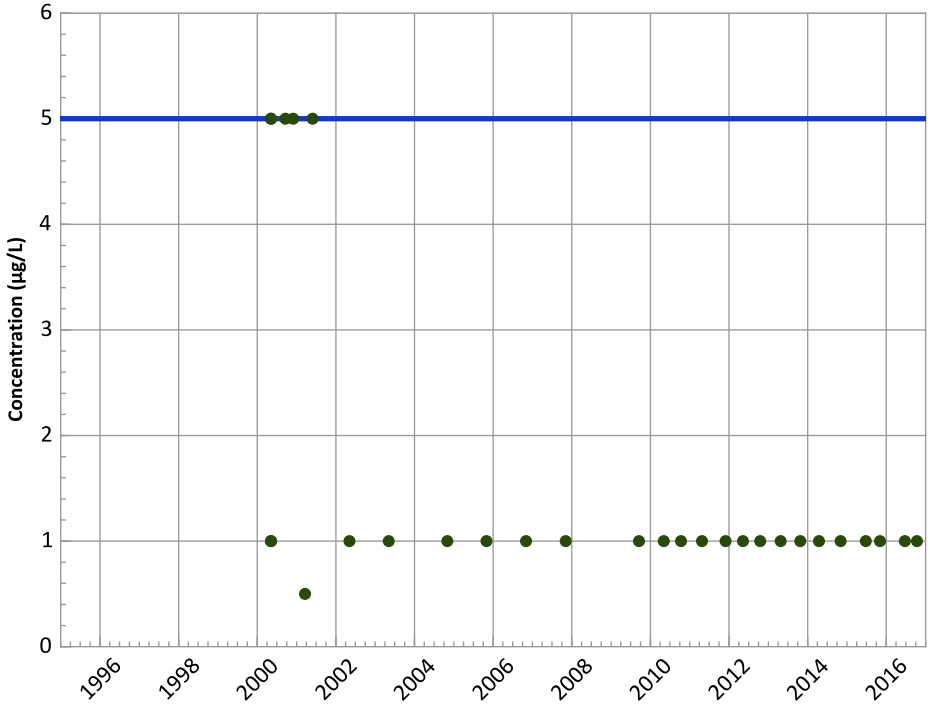


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend

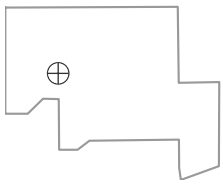


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Well Location

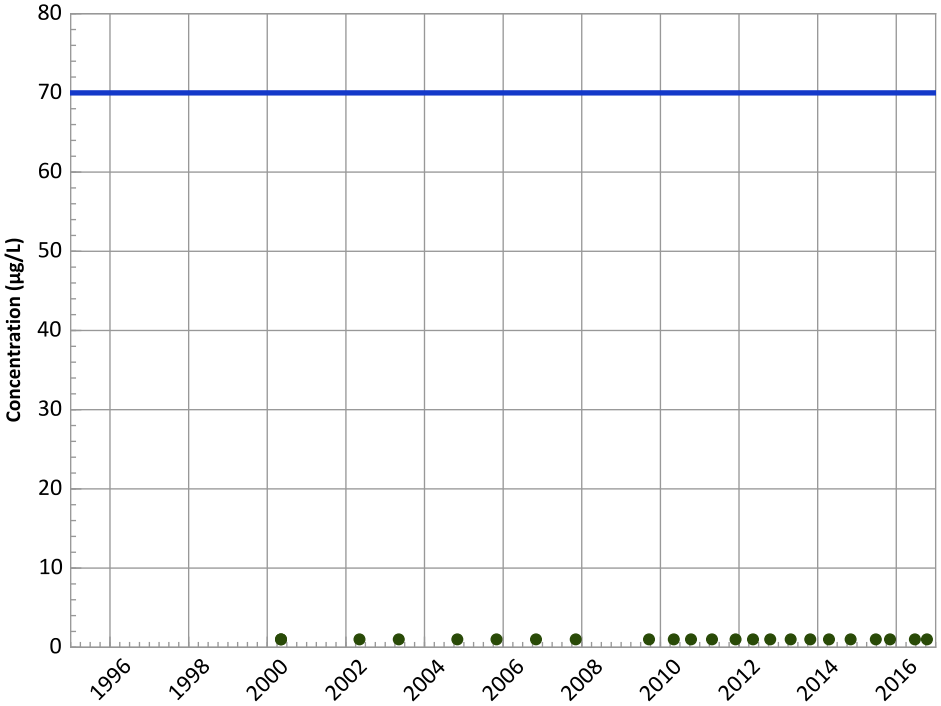


Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

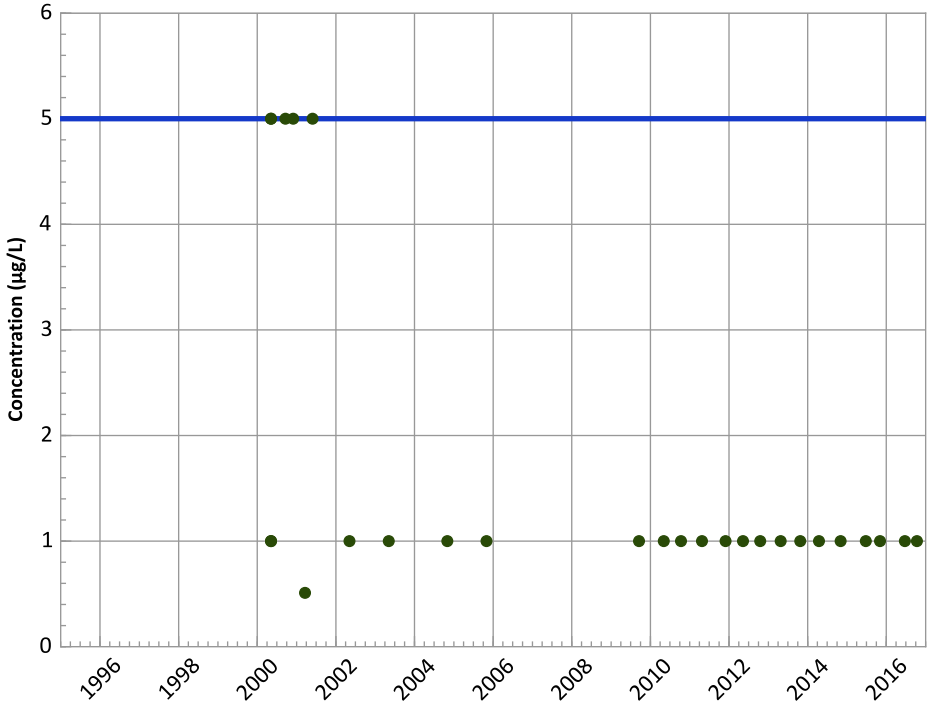


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

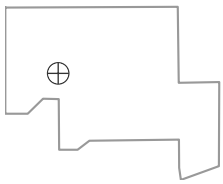
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

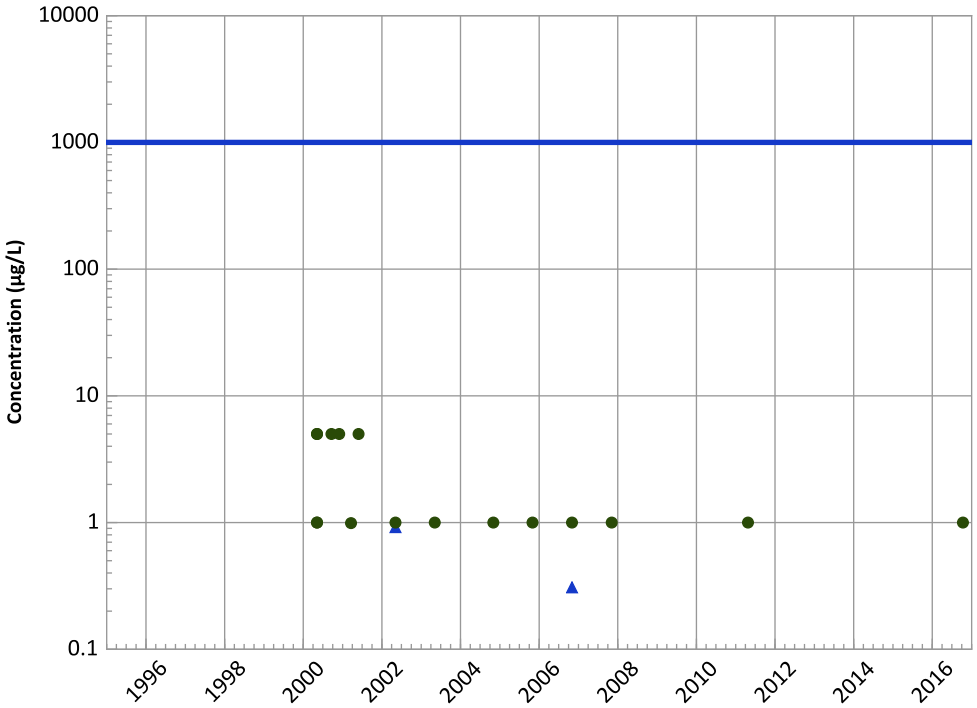
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Toluene Trend

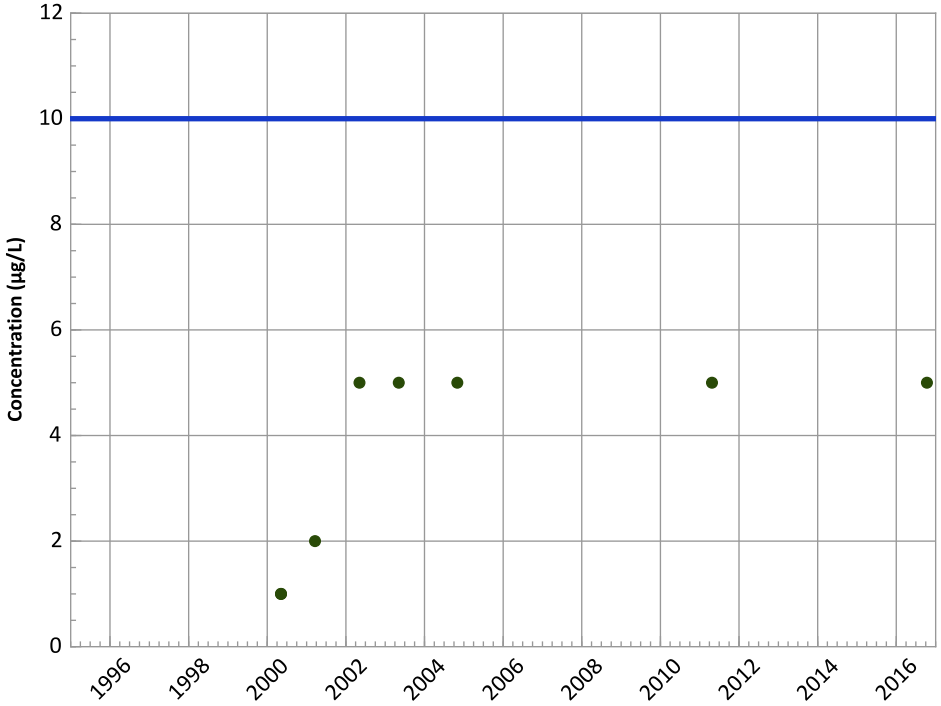


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Detections in Dataset)

trans-1,4-Dichloro-2-Butene Trend



Concentration Trend

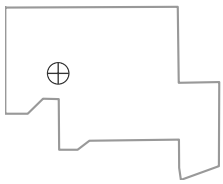
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

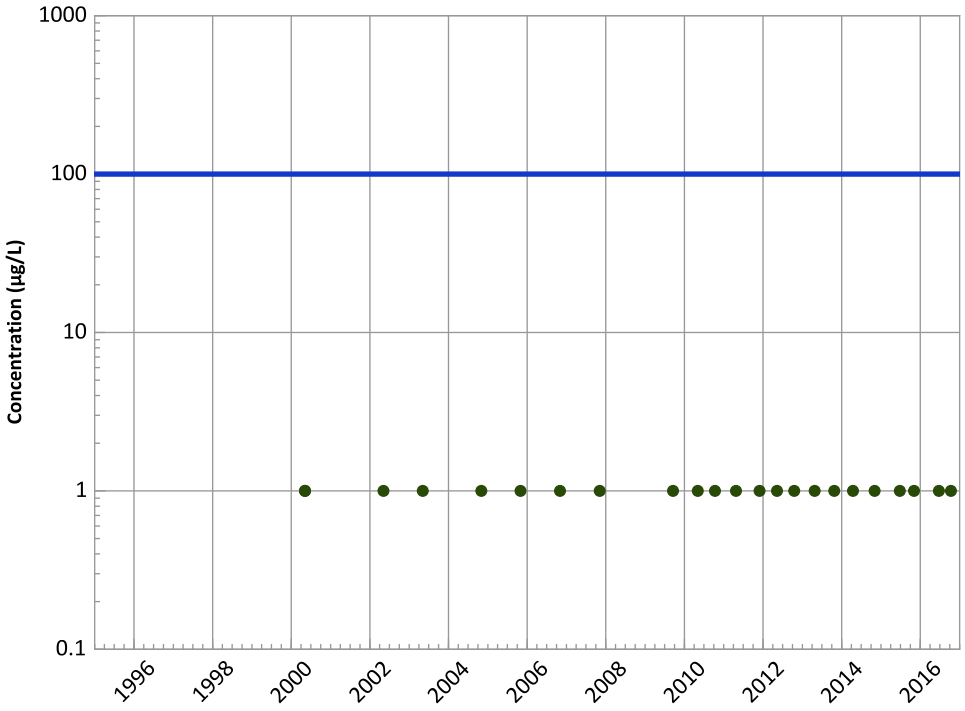
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

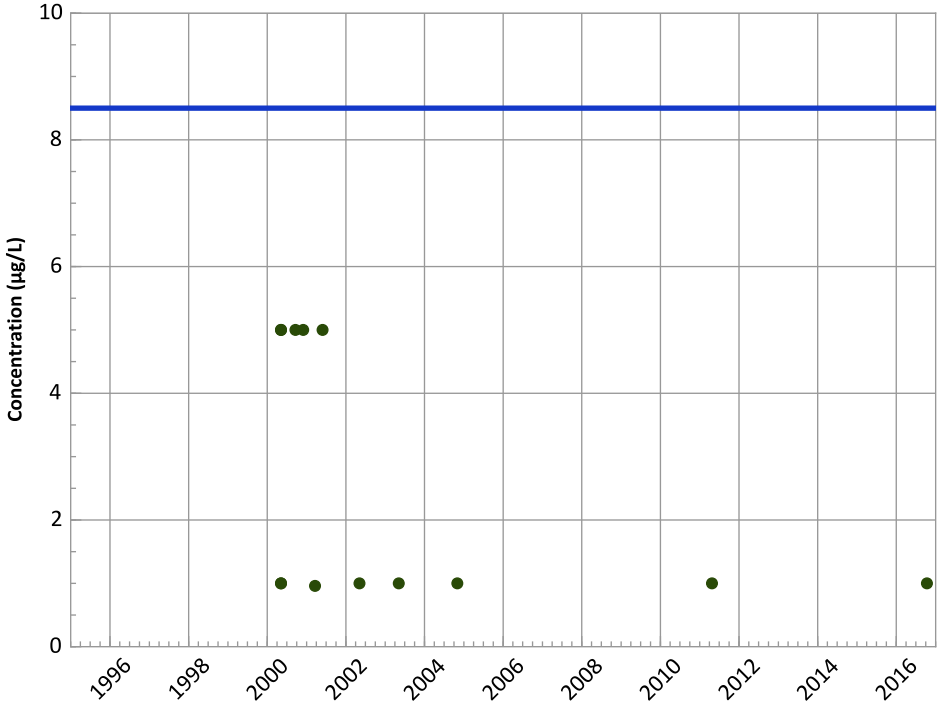


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

trans-1,3-Dichloropropene Trend



Concentration Trend

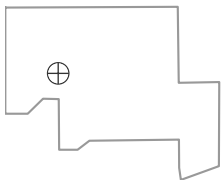
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

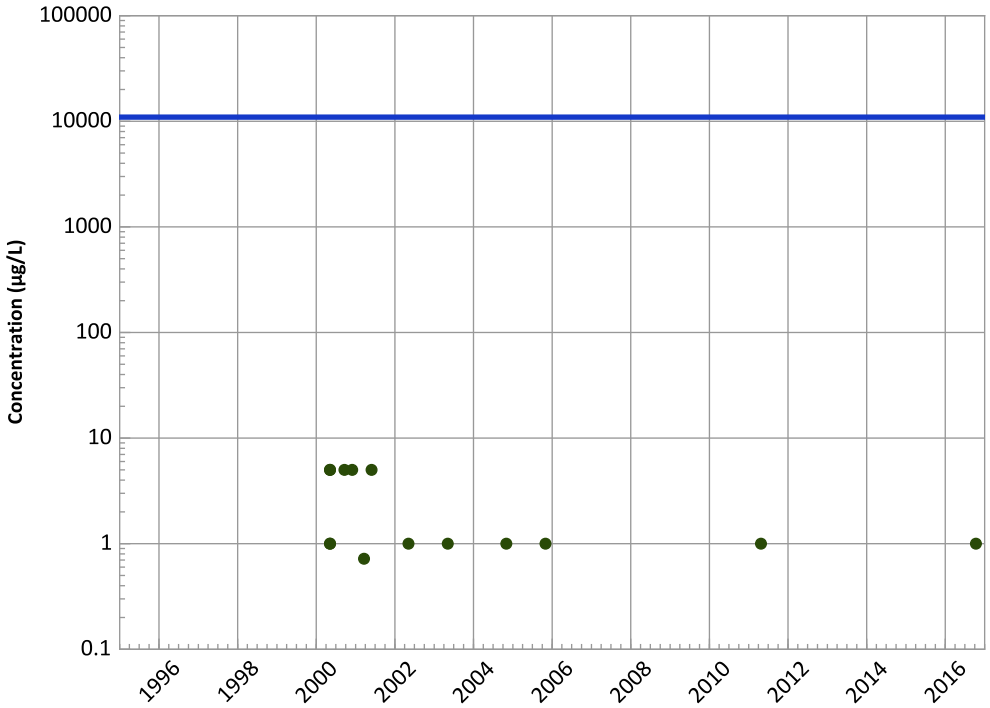
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichlorofluoromethane Trend

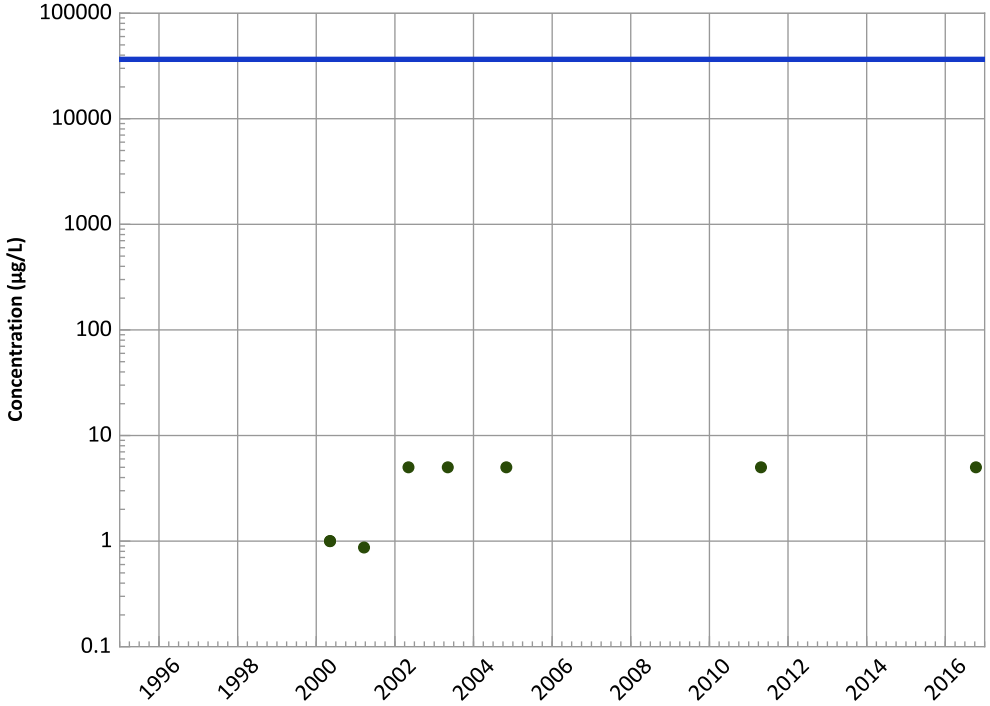


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Vinyl Acetate Trend



Concentration Trend

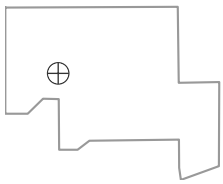
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

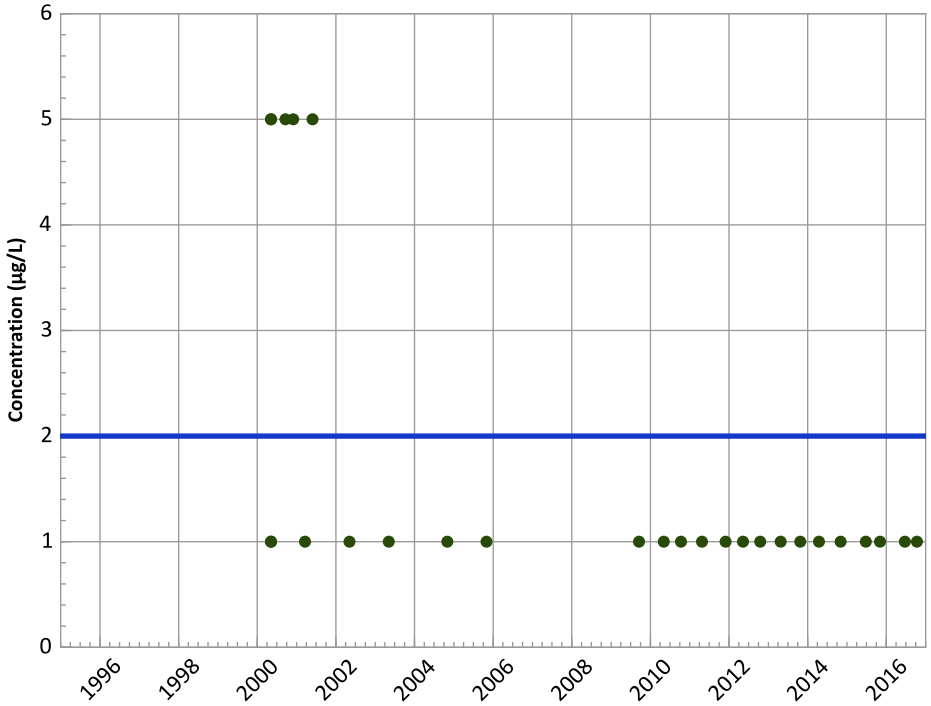
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

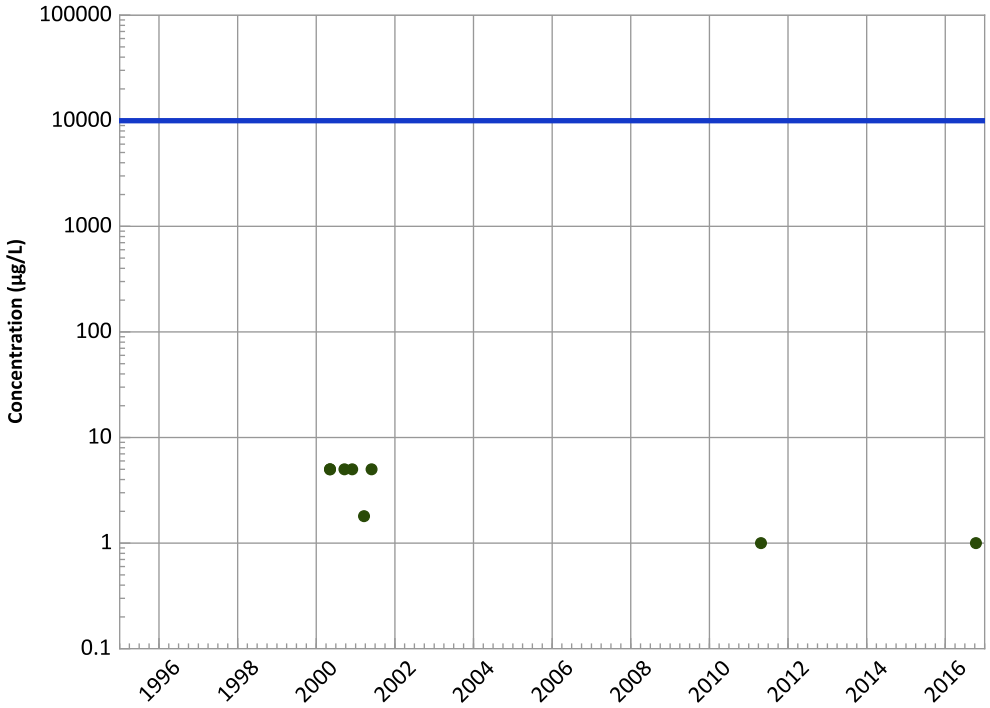


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Xylenes, Total Trend



Concentration Trend

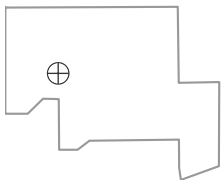
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

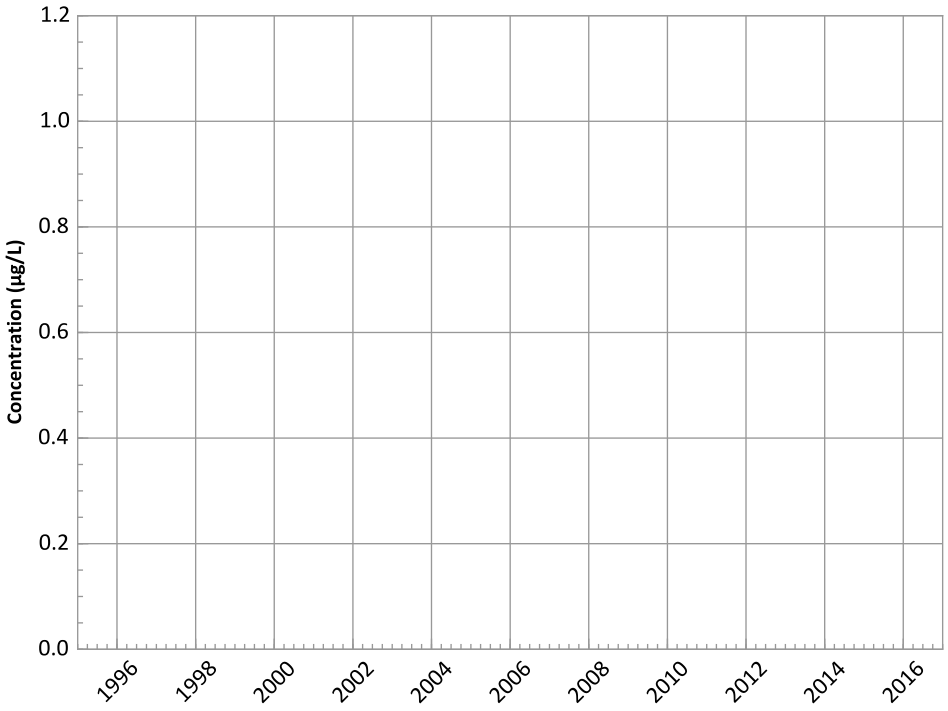
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sulfide Trend

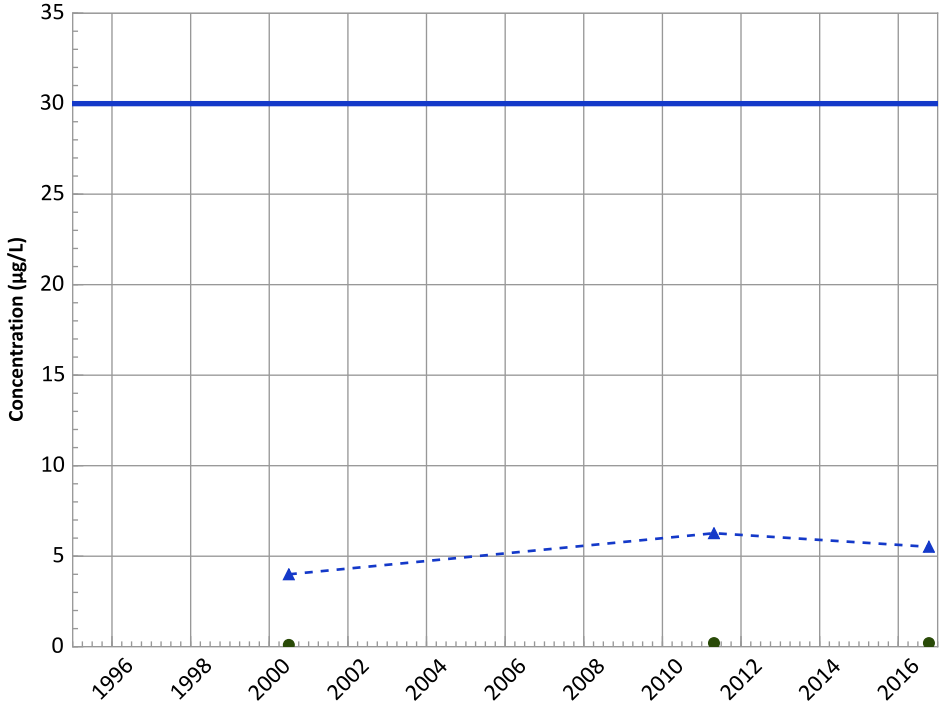


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Uranium, Total Trend



Concentration Trend

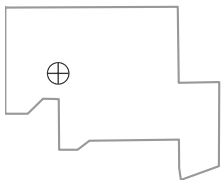
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

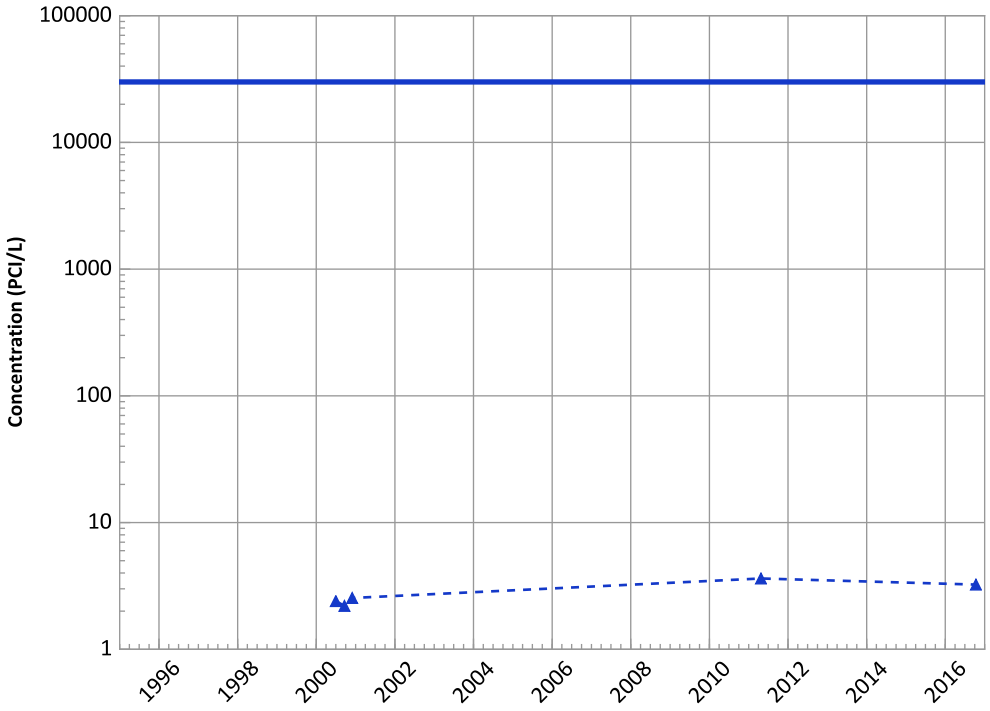
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Uranium-233/234 Trend

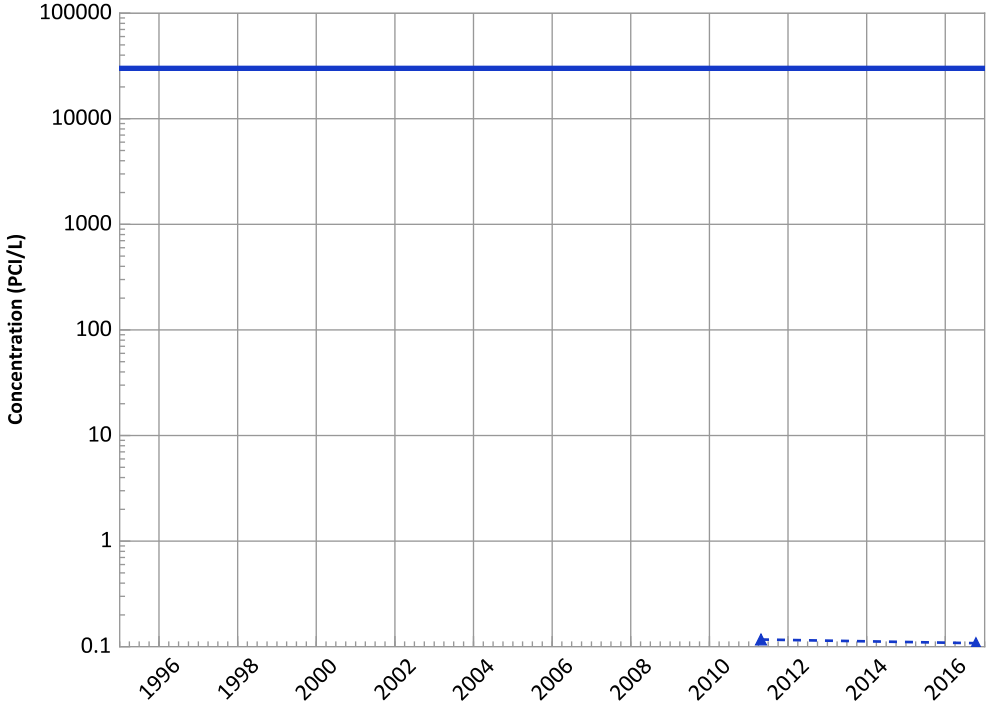


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Uranium-235/236 Trend



Concentration Trend

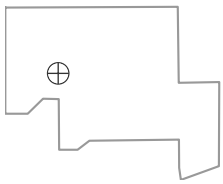
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

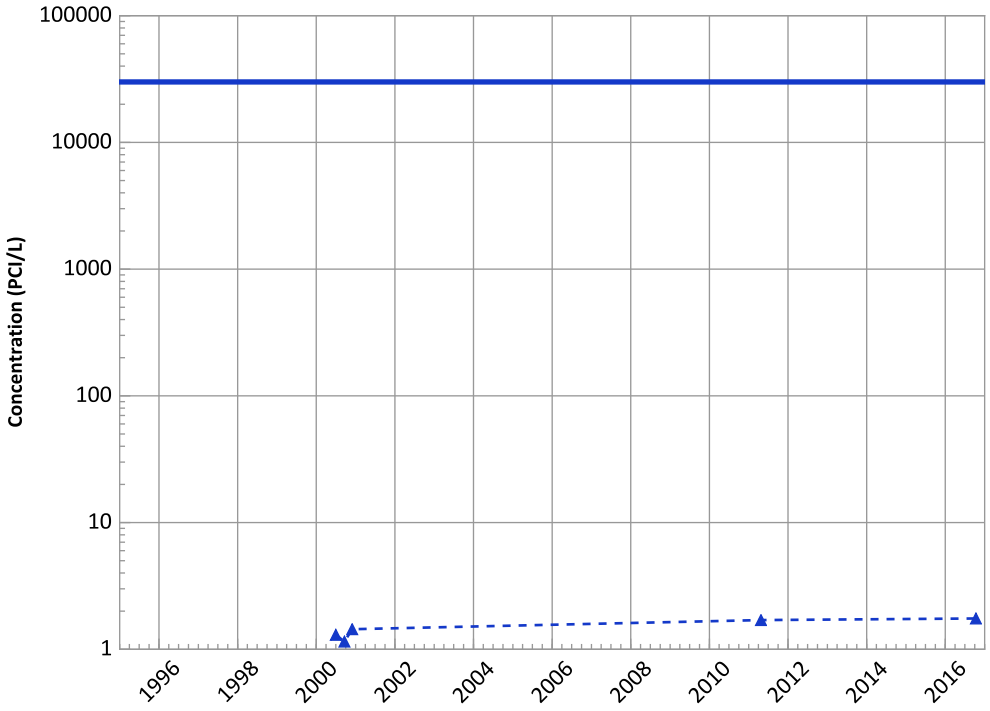
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Uranium-238 Trend

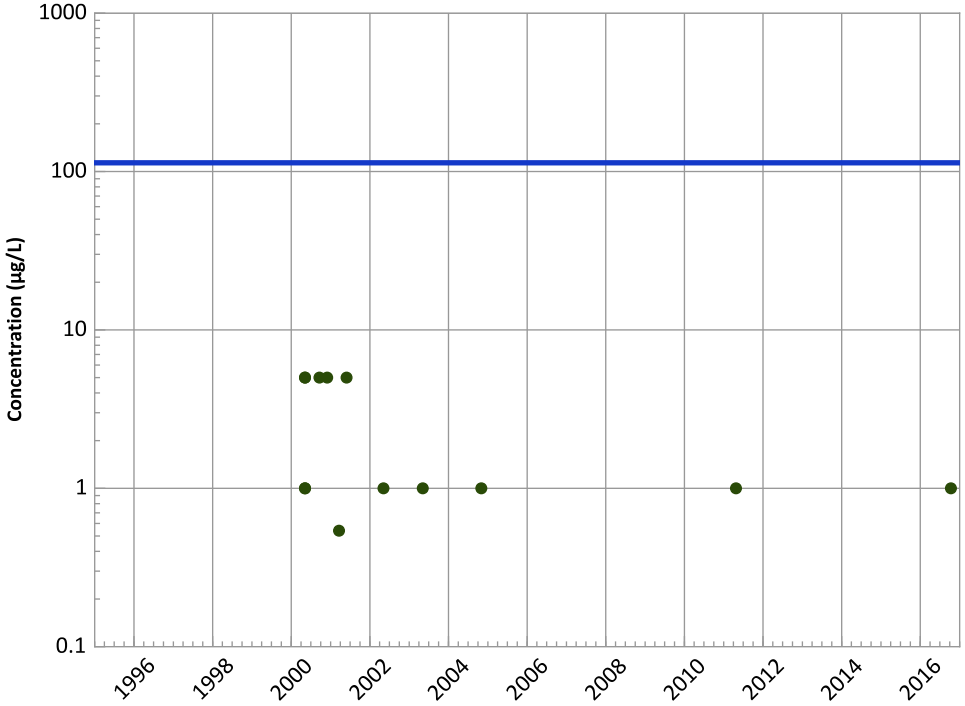


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Increasing

Dibromomethane Trend



Concentration Trend

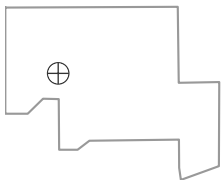
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

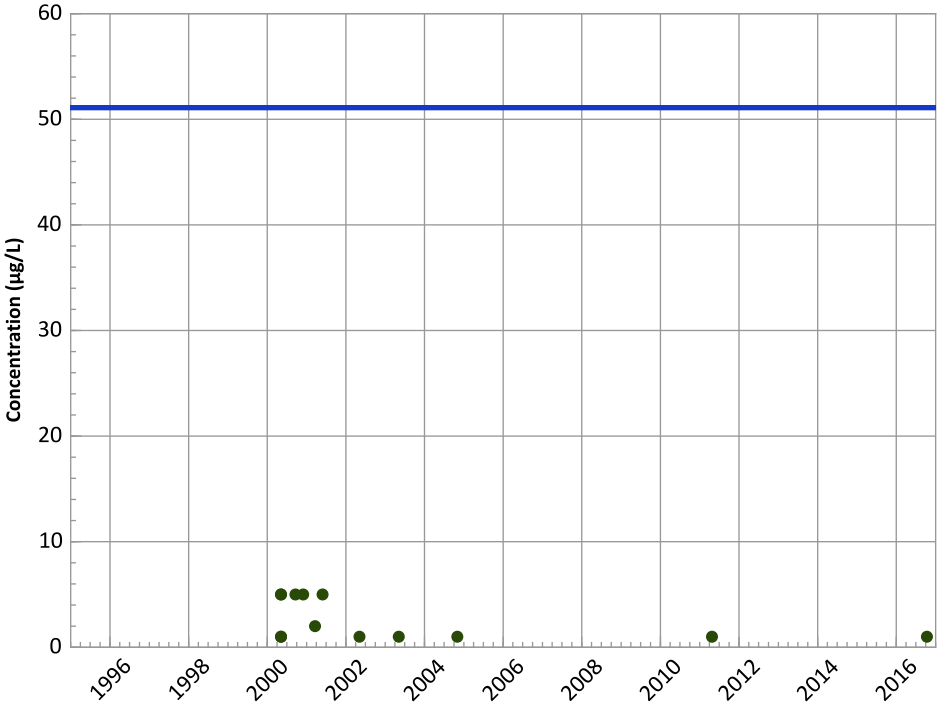
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Bromomethane Trend



Concentration Trend

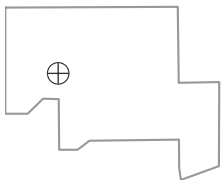
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Samples in Dataset)
All Data
All Non-Detect

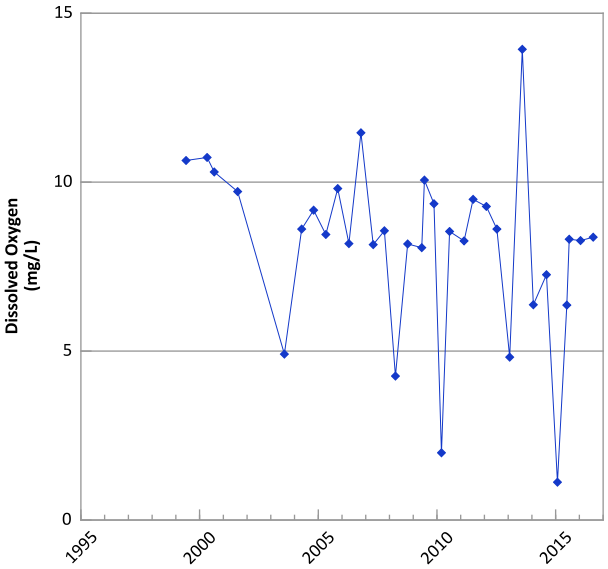
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 05/08/2000 to 10/12/2016
Analysis Date: 03/07/2017

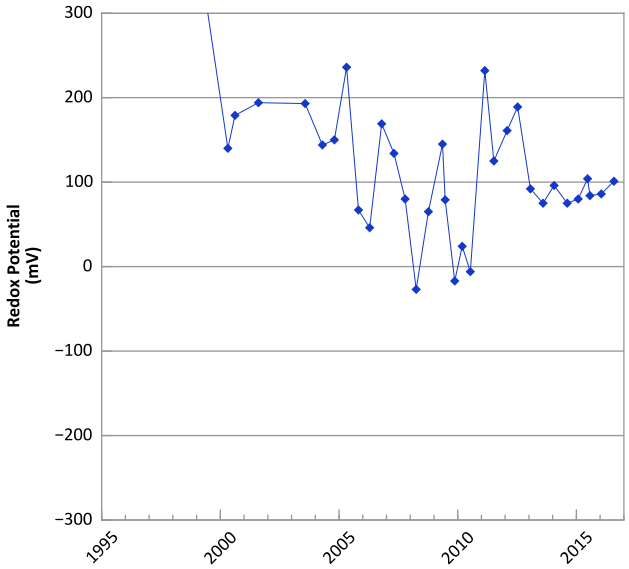
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

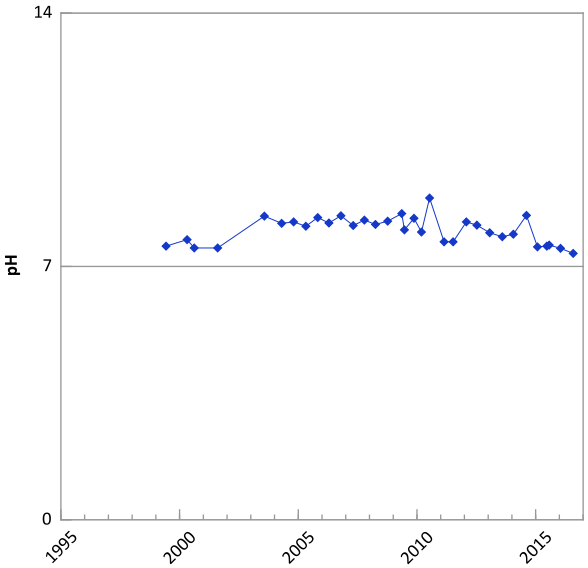
Well Location

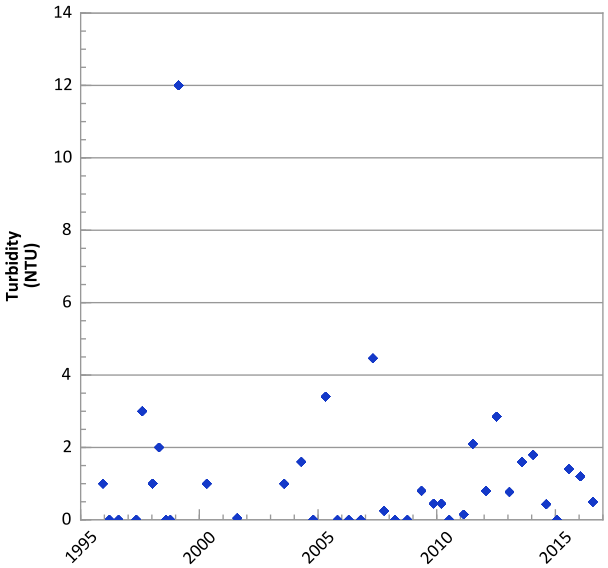


PTX-BEG2 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



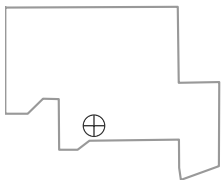






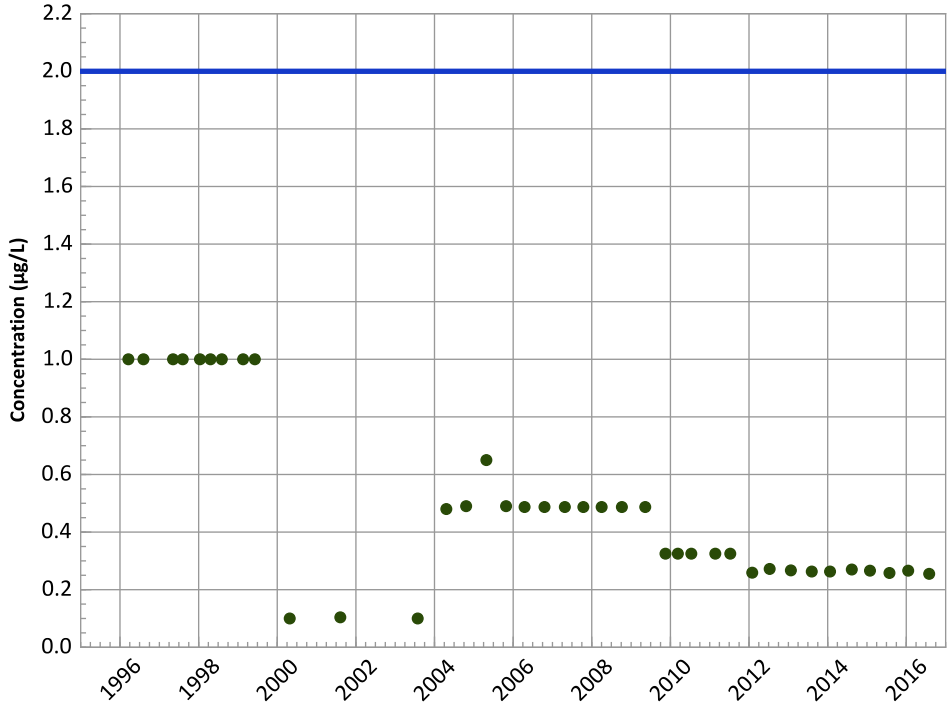
Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 08/01/2016
Analysis Date: 03/07/2017

Well Location



PTX-BEG2 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

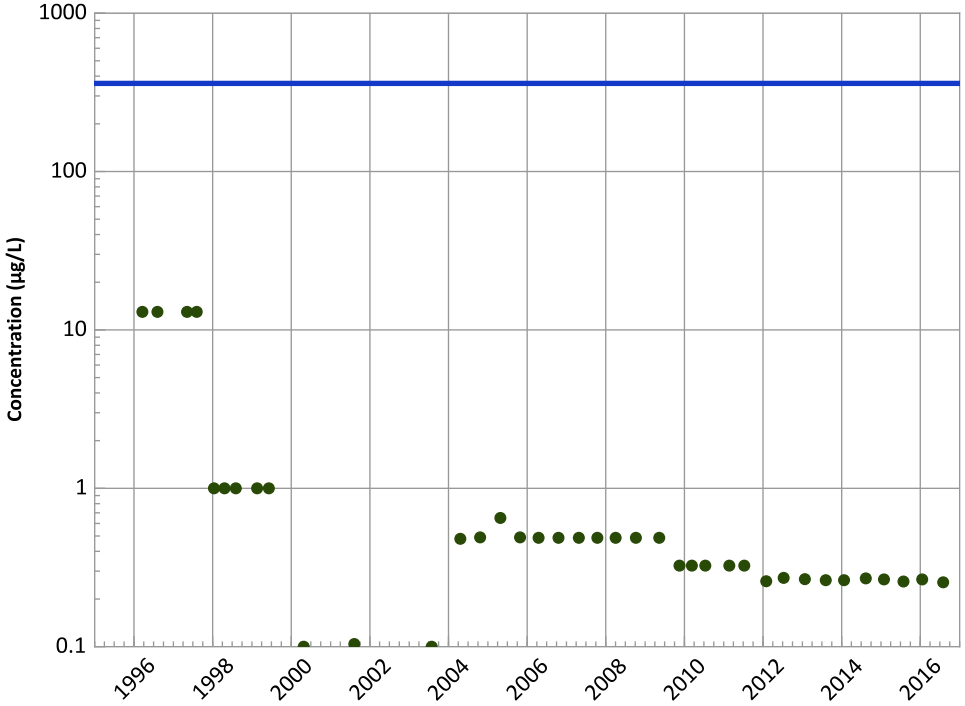


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

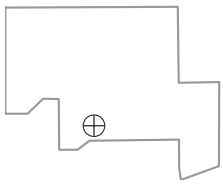
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 08/01/2016
Analysis Date: 03/07/2017

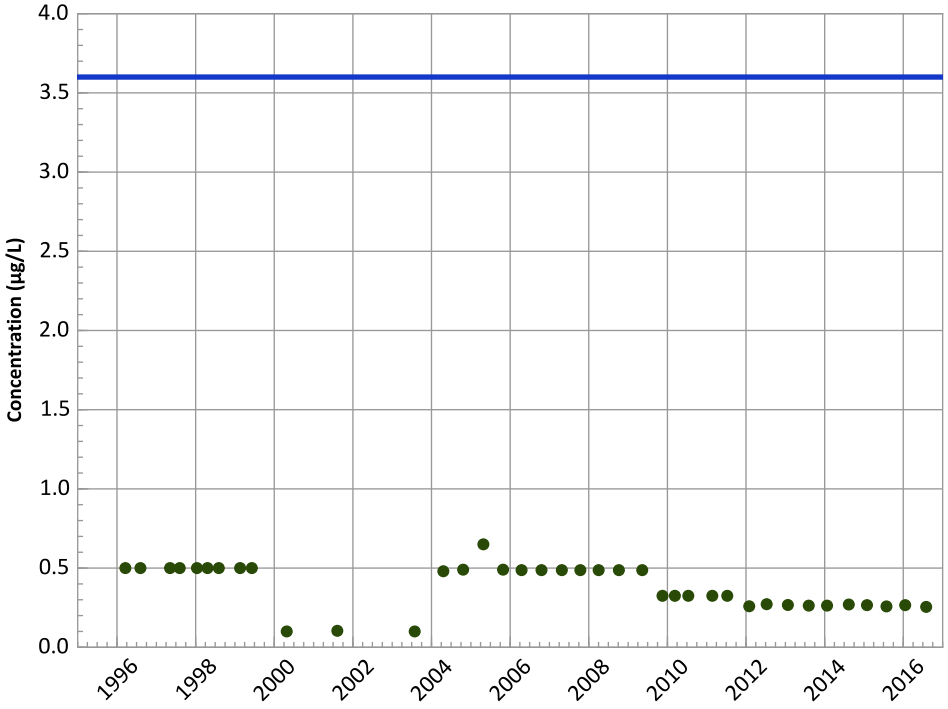
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX-BEG2 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

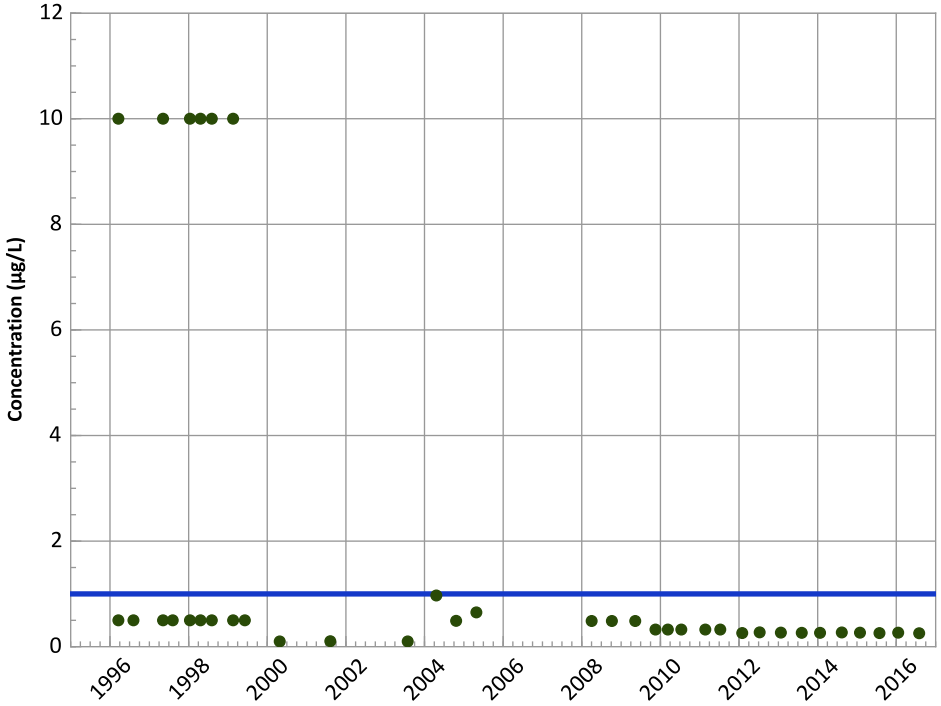


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

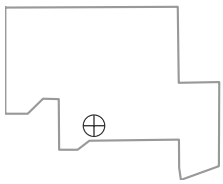
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 08/01/2016
Analysis Date: 03/07/2017

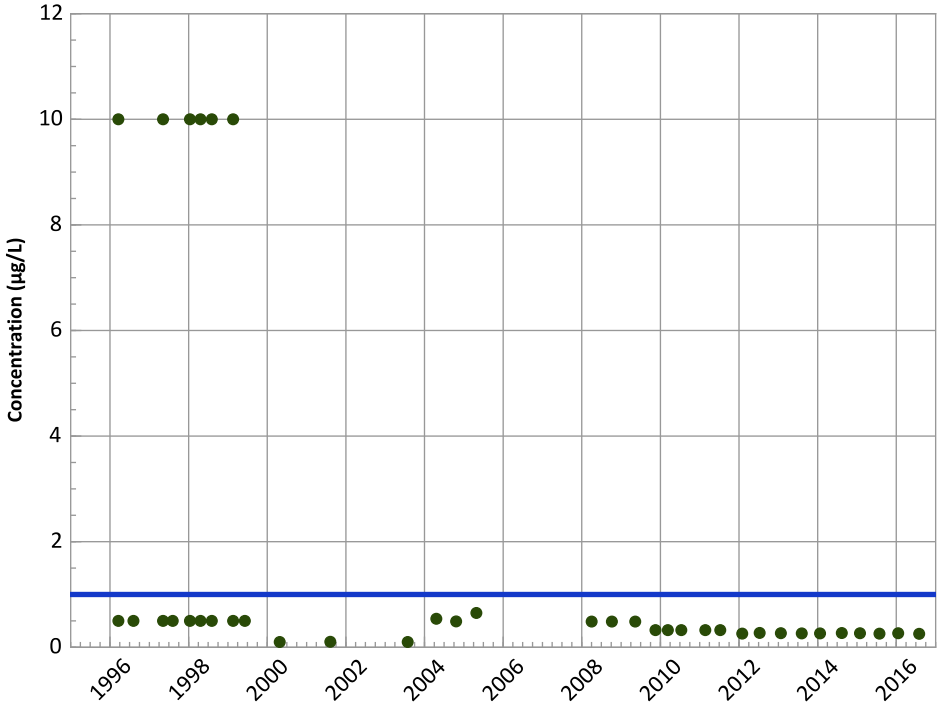
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX-BEG2 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

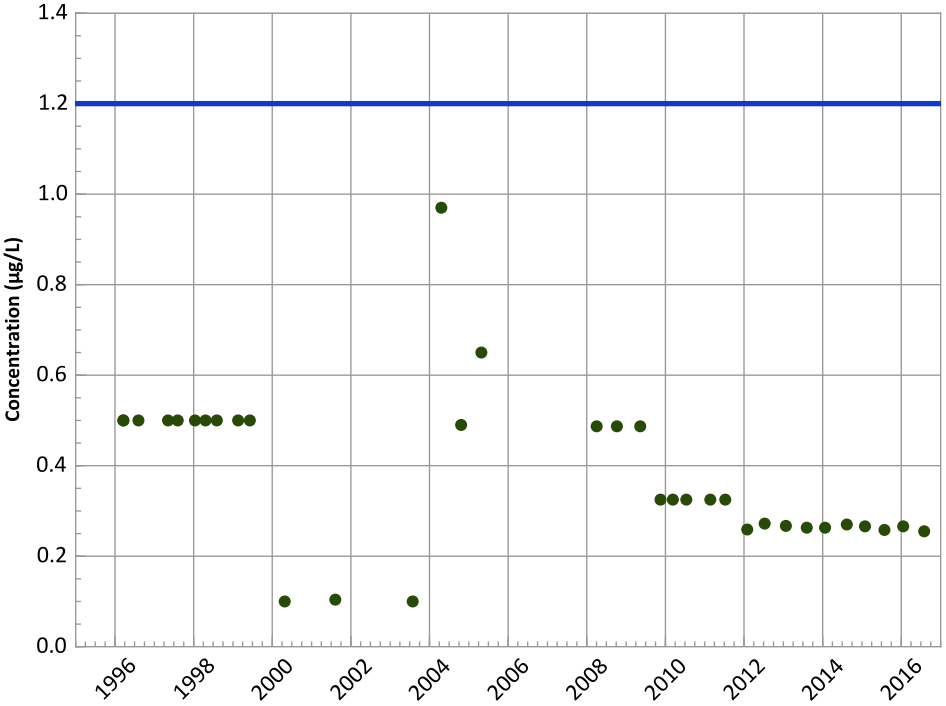


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

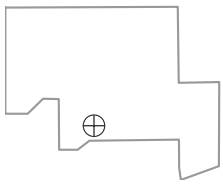
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 08/01/2016
Analysis Date: 03/07/2017

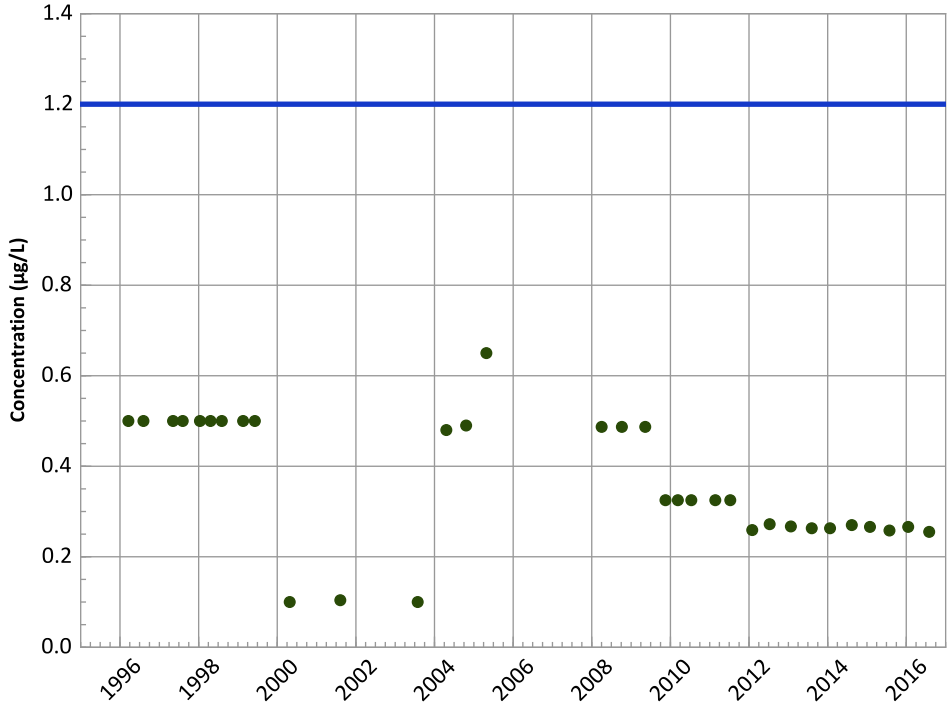
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX-BEG2 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

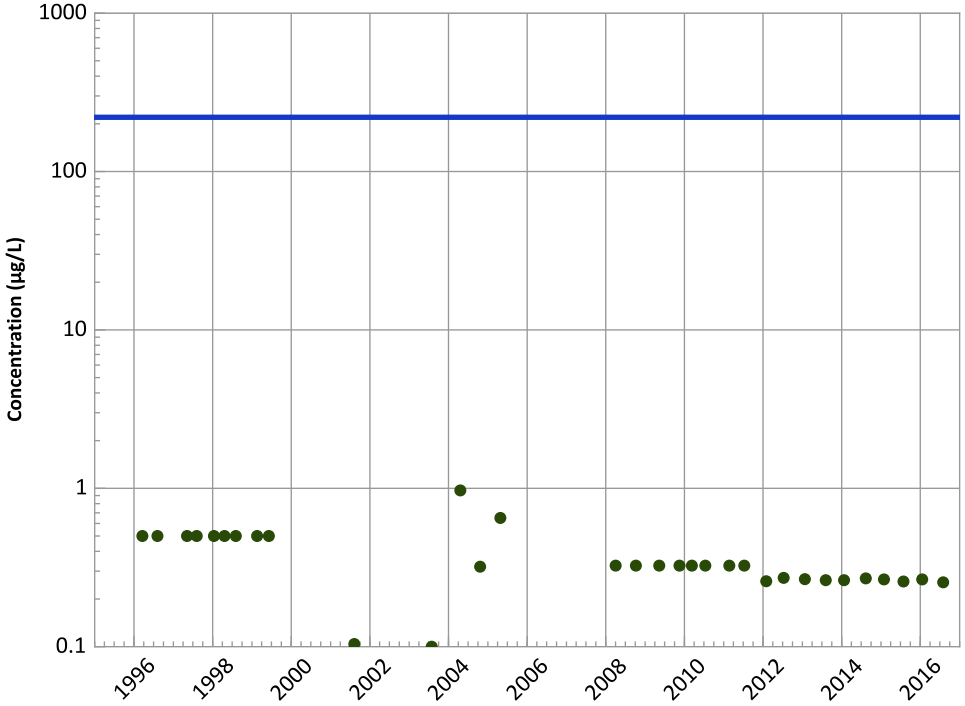


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

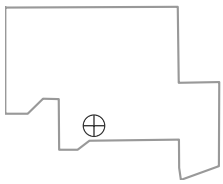
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 08/01/2016
Analysis Date: 03/07/2017

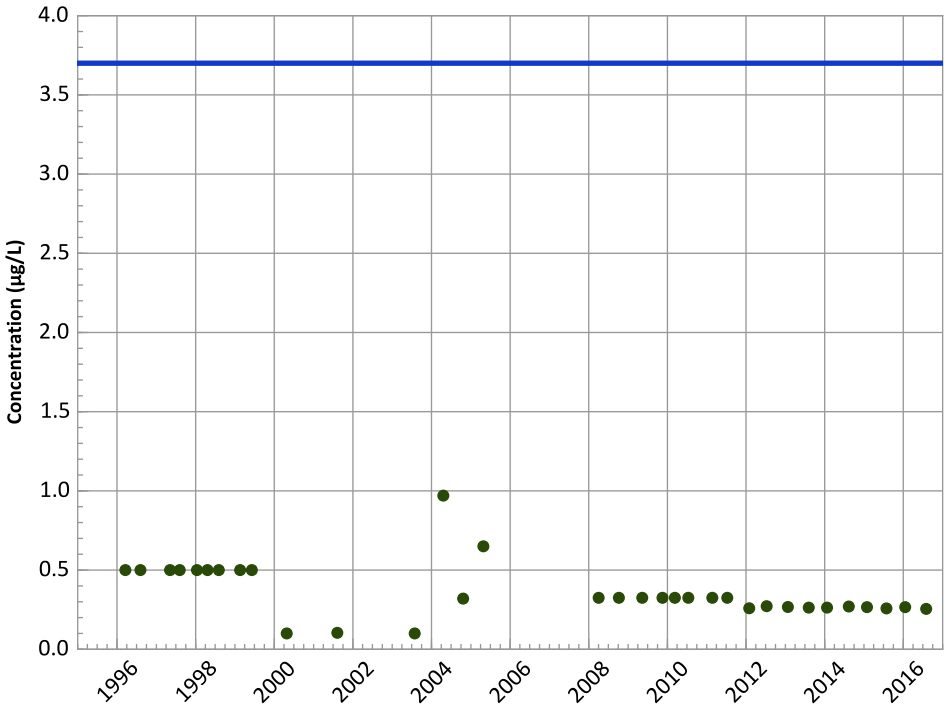
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX-BEG2 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

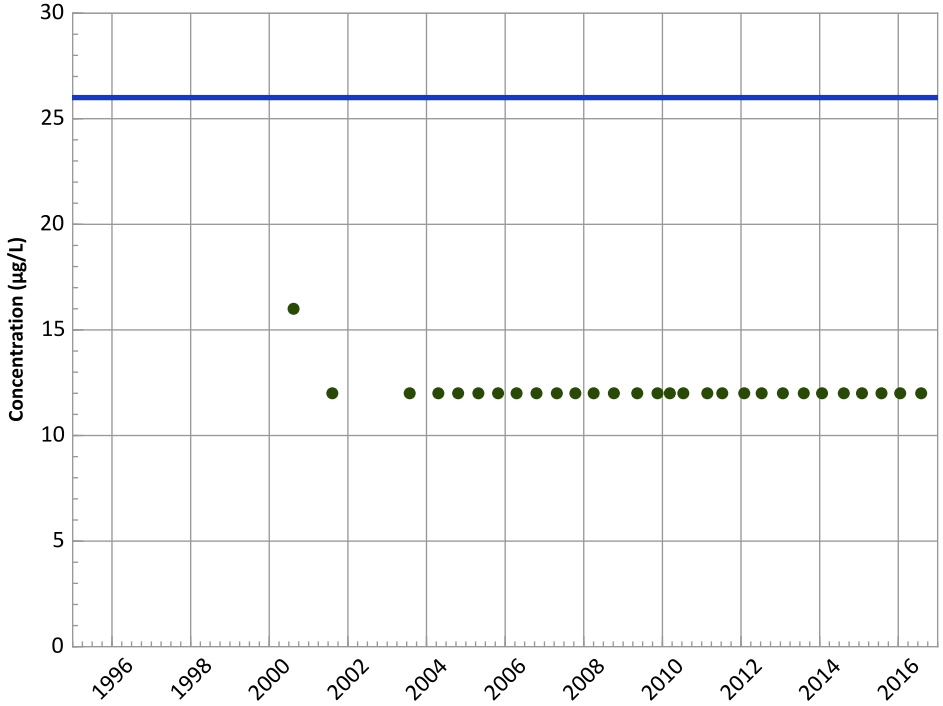


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Perchlorate Trend



Concentration Trend

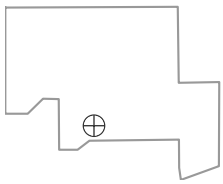
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 08/01/2016
Analysis Date: 03/07/2017

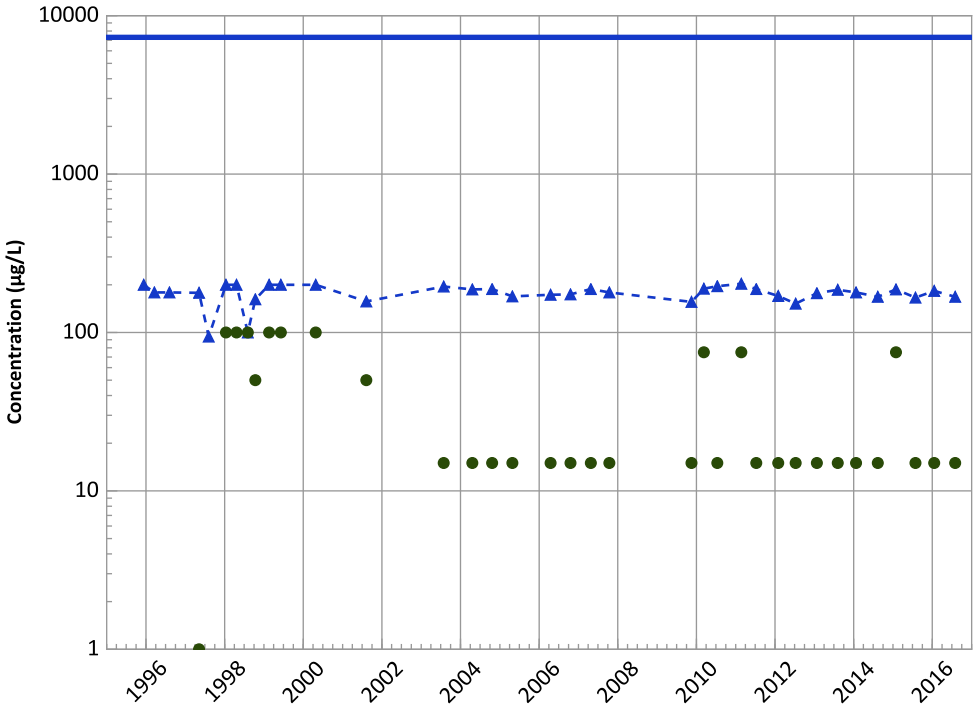
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX-BEG2 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

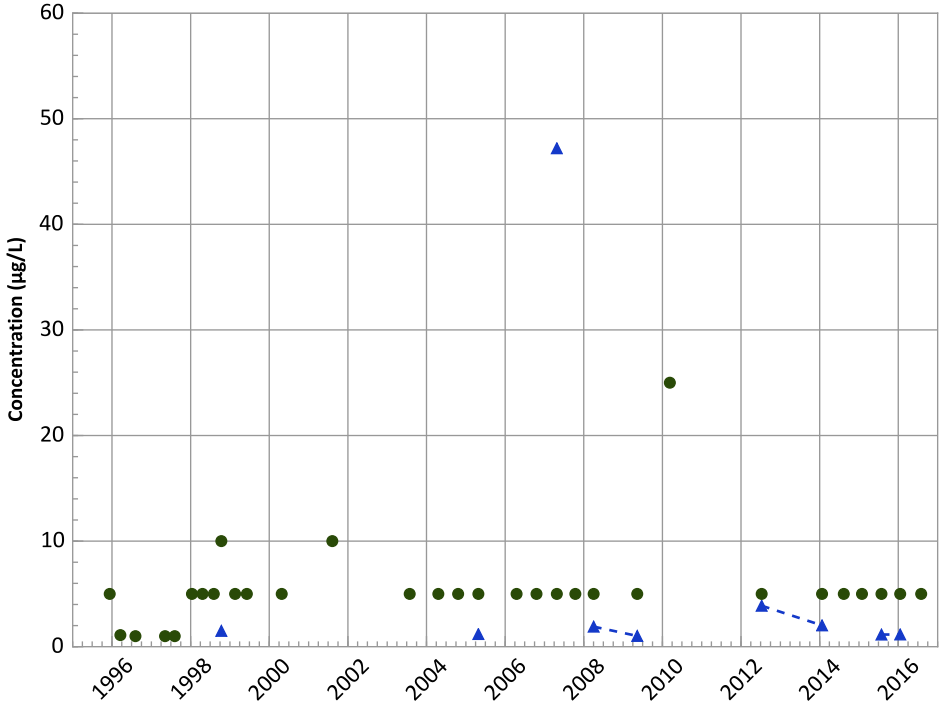


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Manganese Trend



Concentration Trend

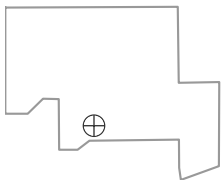
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 08/01/2016
Analysis Date: 03/07/2017

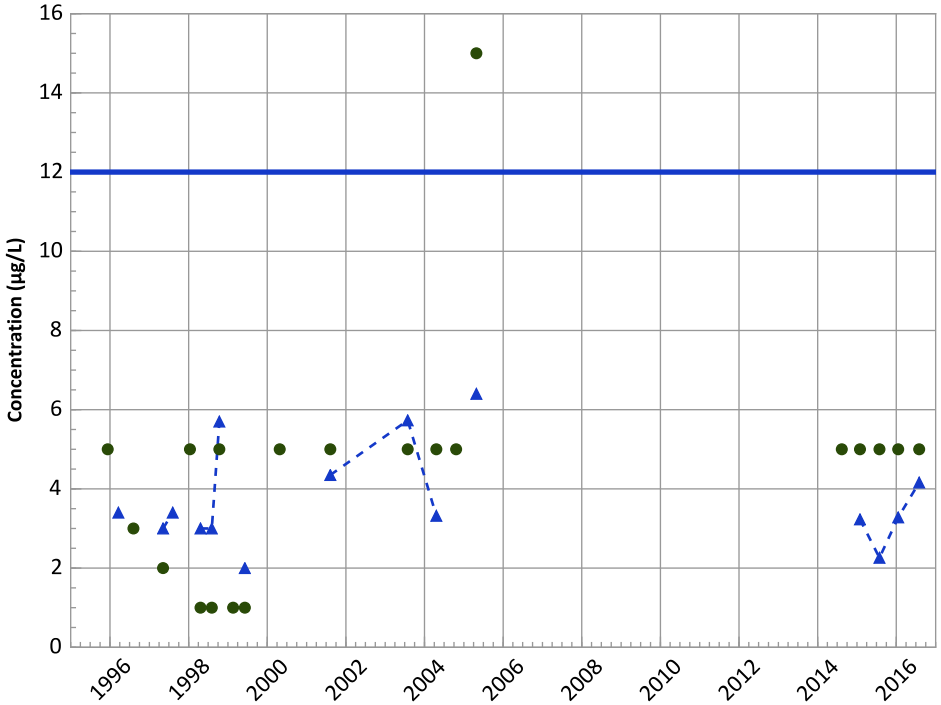
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX-BEG2 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

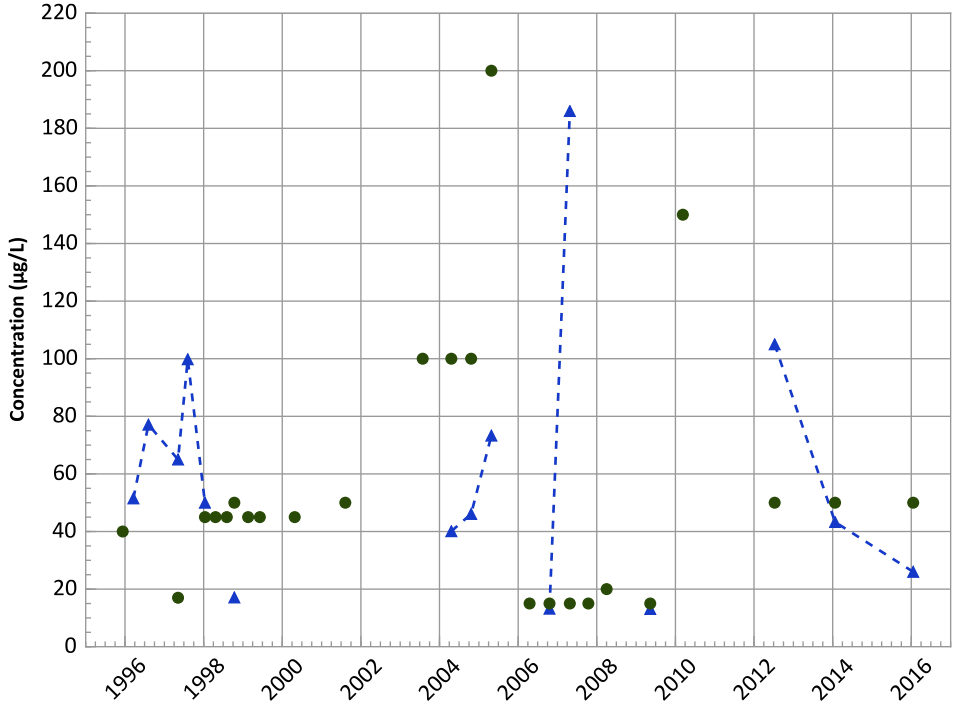


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

Aluminum Trend



Concentration Trend

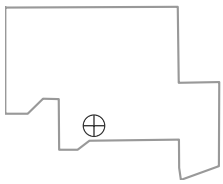
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
N/A (<4 Detections in Dataset)
All Data
Stable

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 08/01/2016
Analysis Date: 03/07/2017

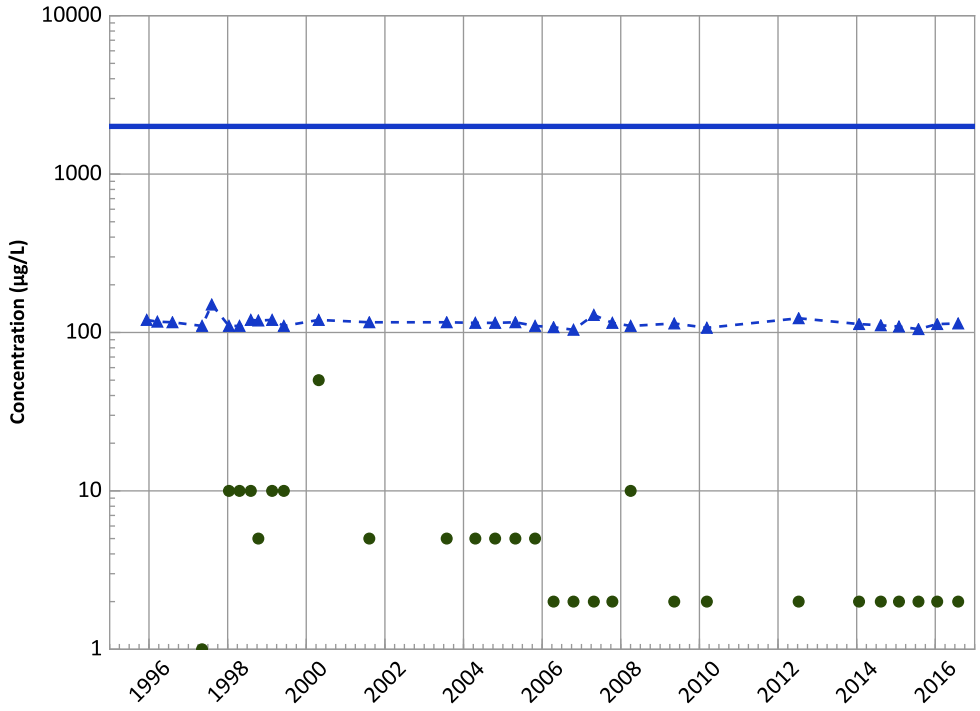
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX-BEG2 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

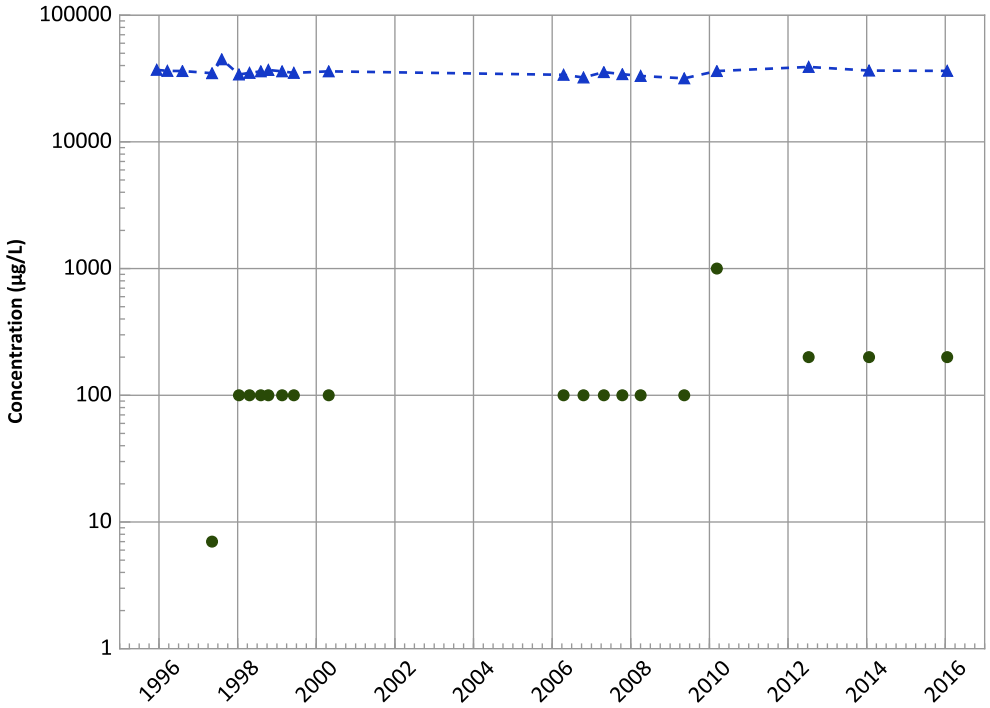


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
No Trend
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Calcium Trend



Concentration Trend

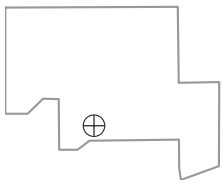
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 08/01/2016
Analysis Date: 03/07/2017

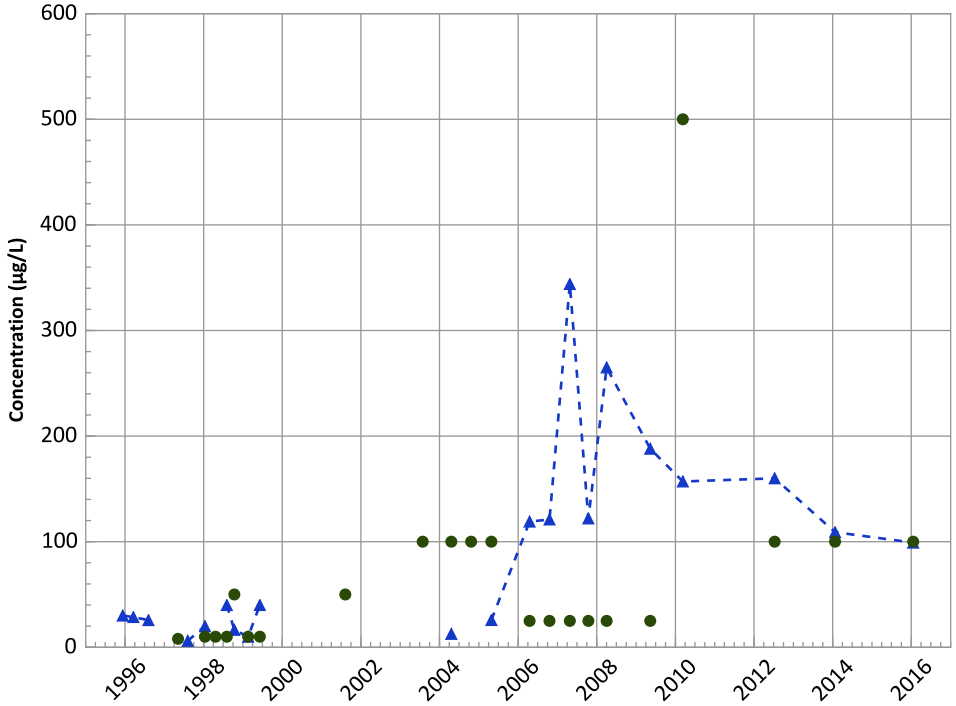
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX-BEG2 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

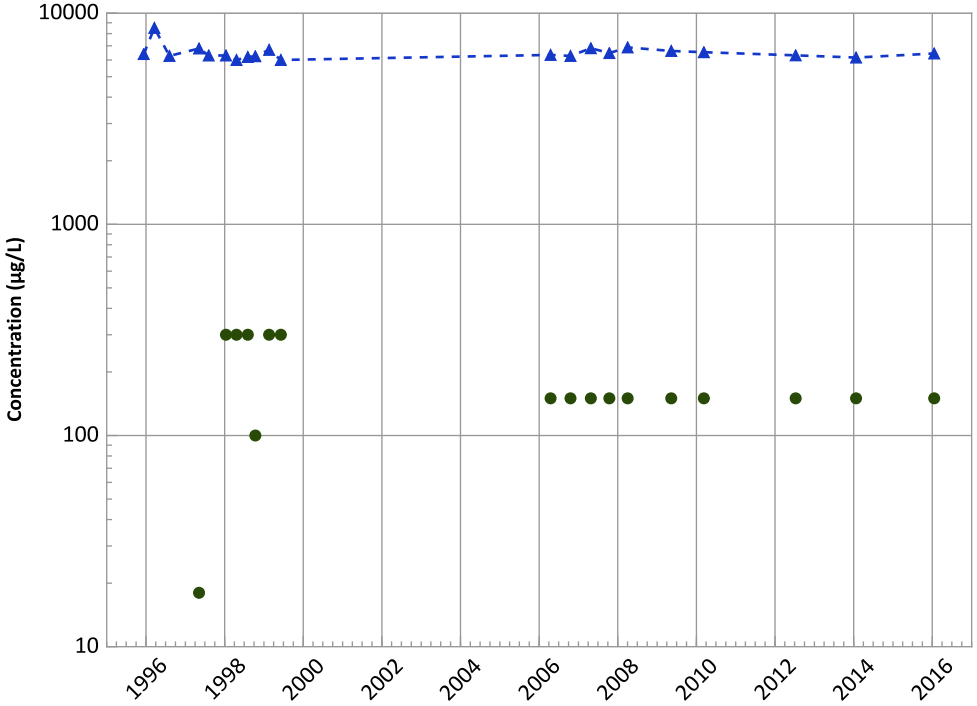


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Probably Decreasing
All Data
Increasing

Potassium Trend



Concentration Trend

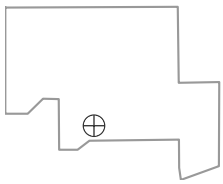
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Decreasing
All Data
Decreasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 08/01/2016
Analysis Date: 03/07/2017

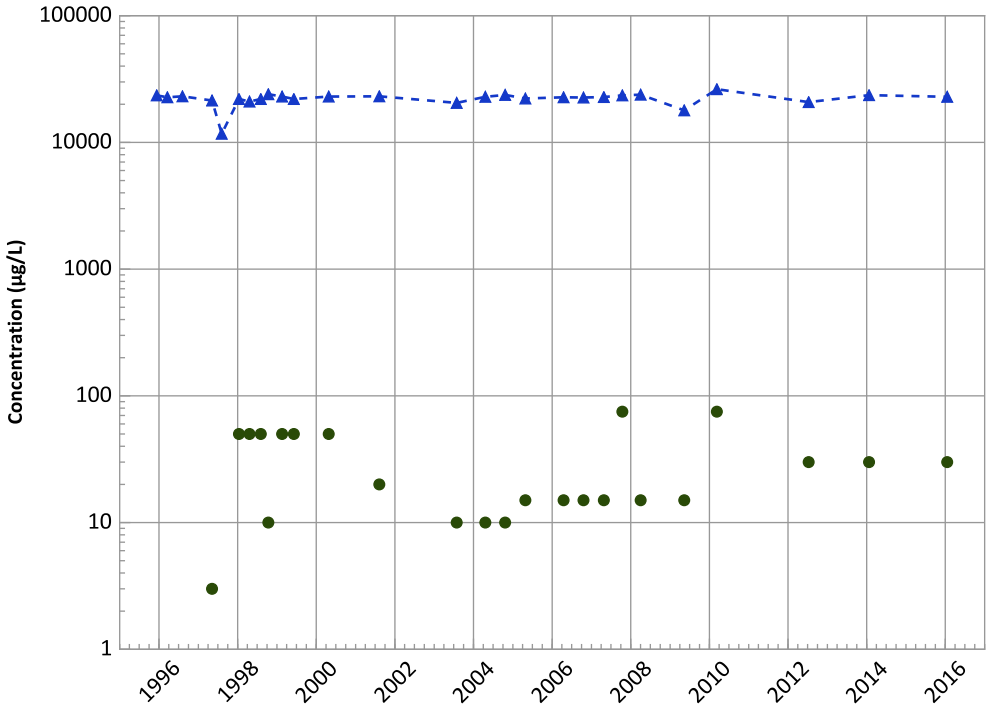
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX-BEG2 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

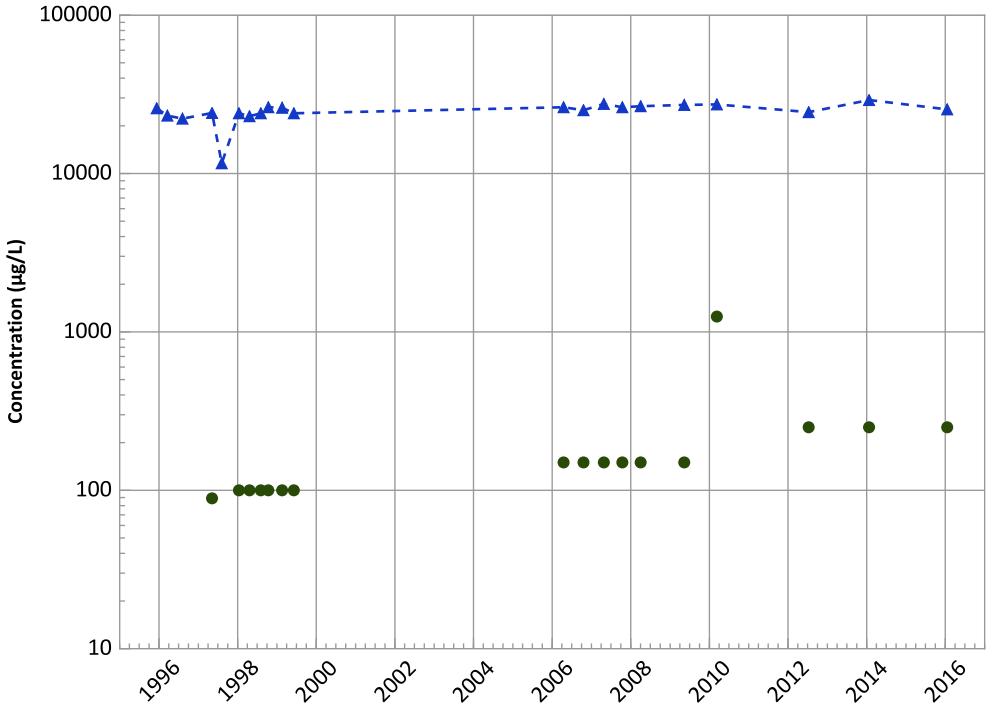


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Decreasing
All Data
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
No Trend

Sodium Trend



Concentration Trend

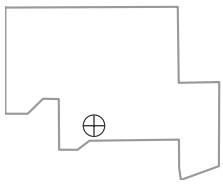
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
Stable
All Data
Increasing

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 08/01/2016
Analysis Date: 03/07/2017

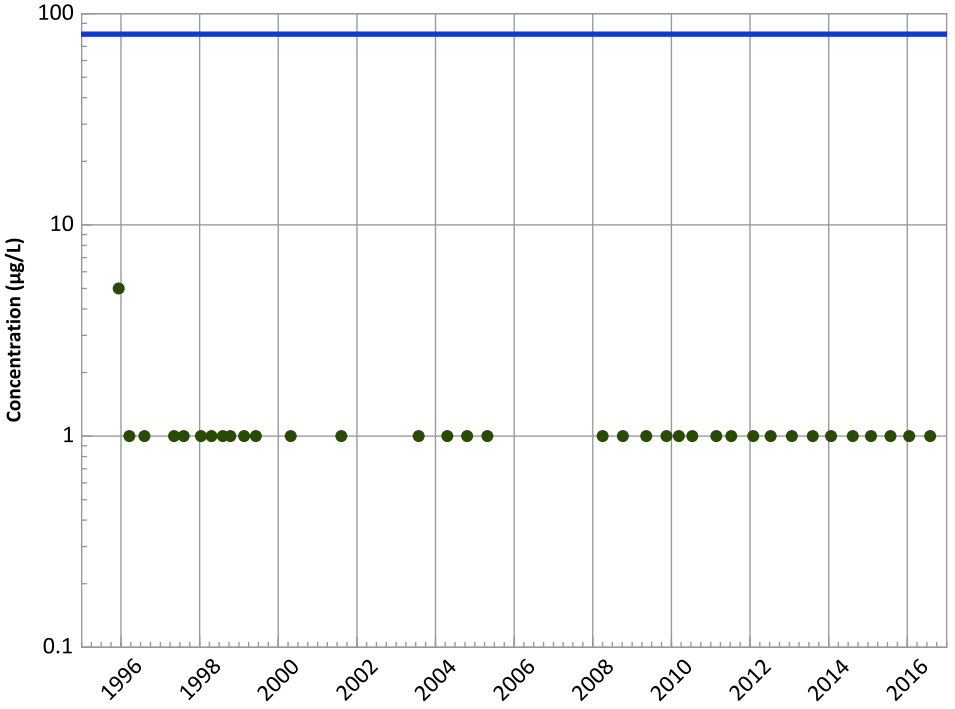
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX-BEG2 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

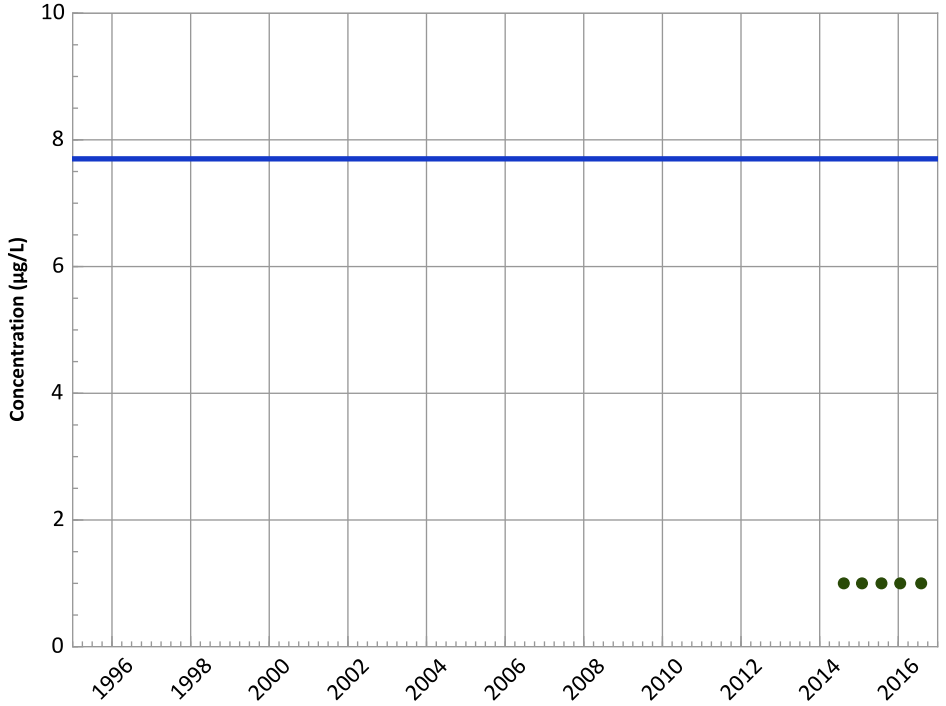


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

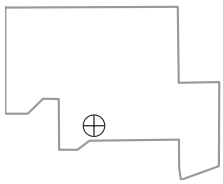
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 08/01/2016
Analysis Date: 03/07/2017

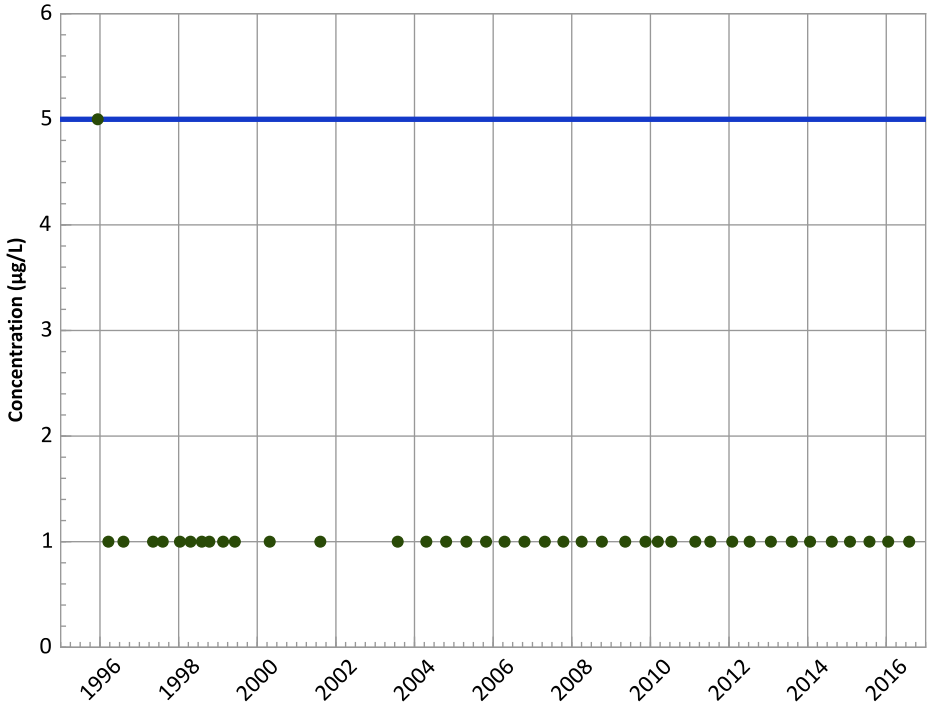
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX-BEG2 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

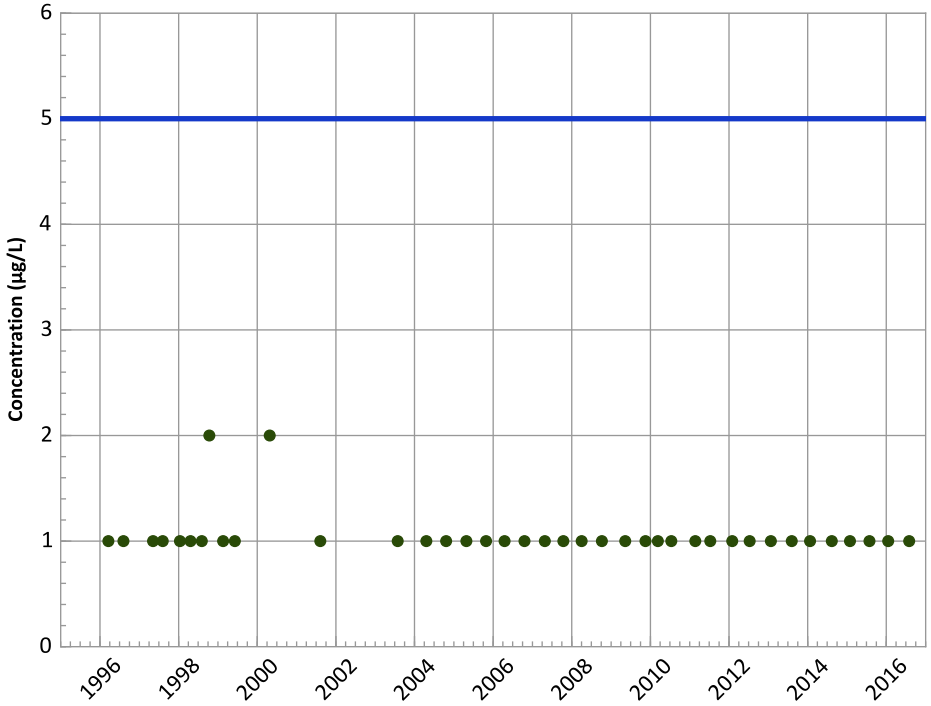


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Trichloroethene Trend



Concentration Trend

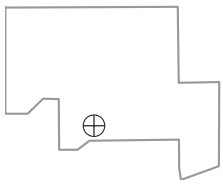
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 08/01/2016
Analysis Date: 03/07/2017

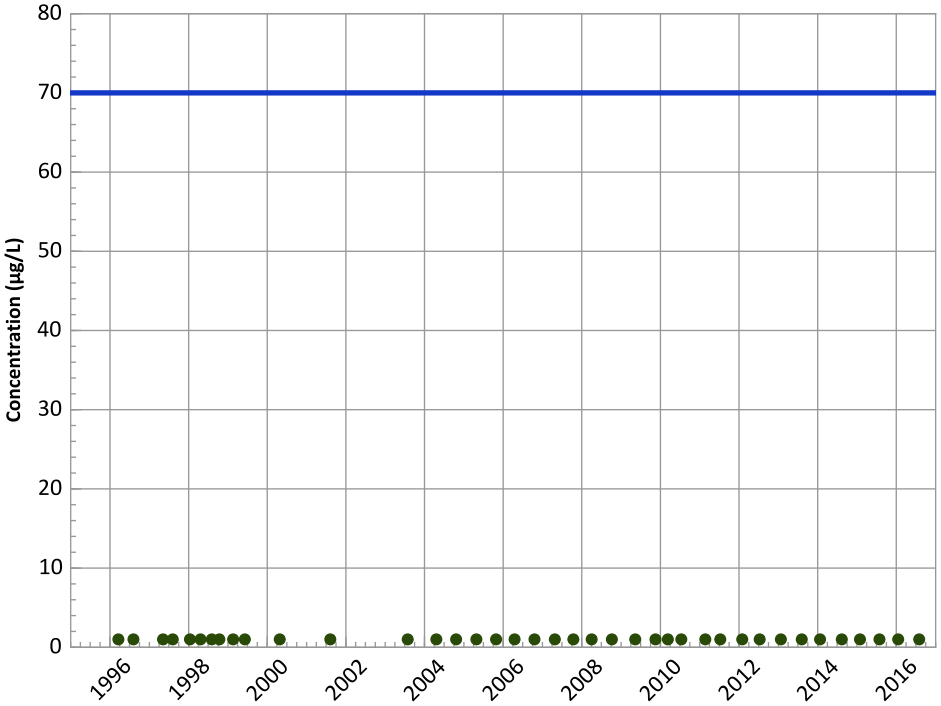
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX-BEG2 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

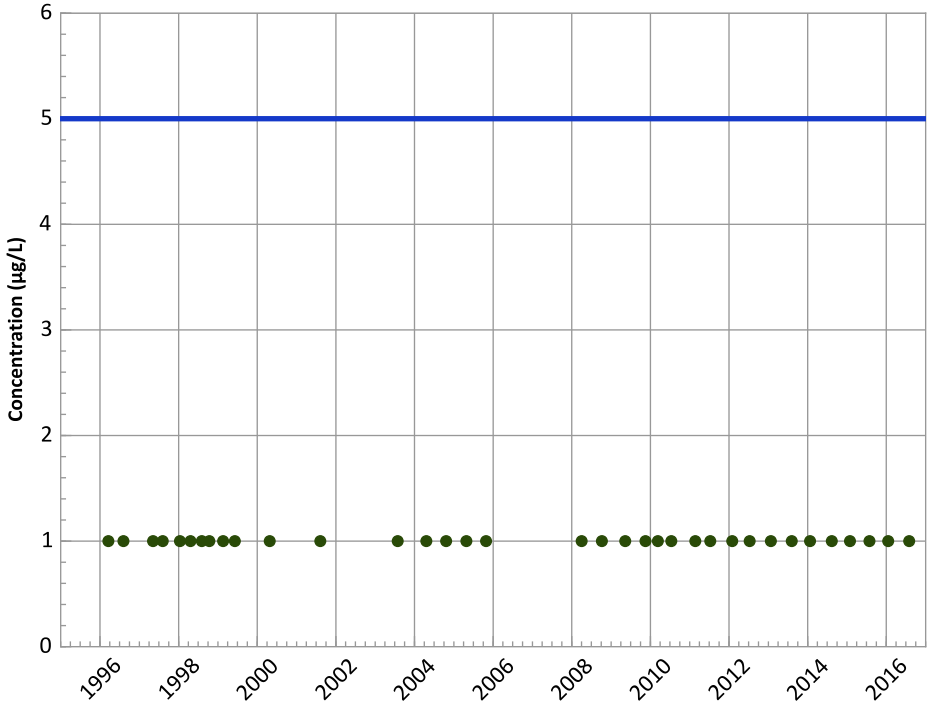


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

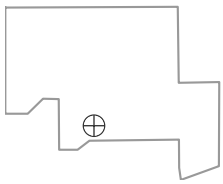
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 08/01/2016
Analysis Date: 03/07/2017

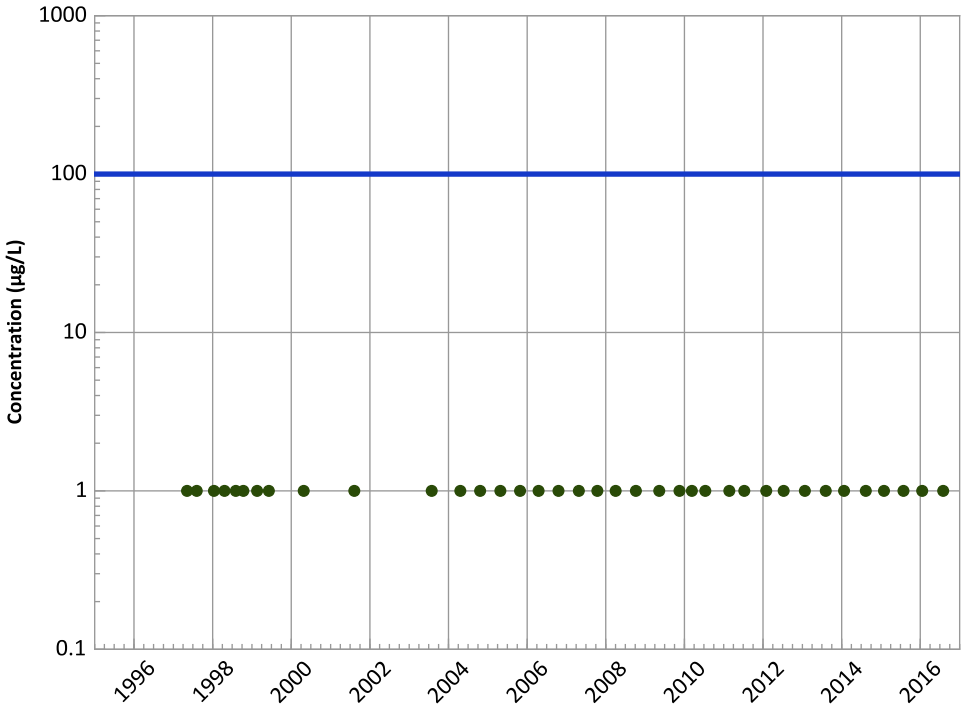
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX-BEG2 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

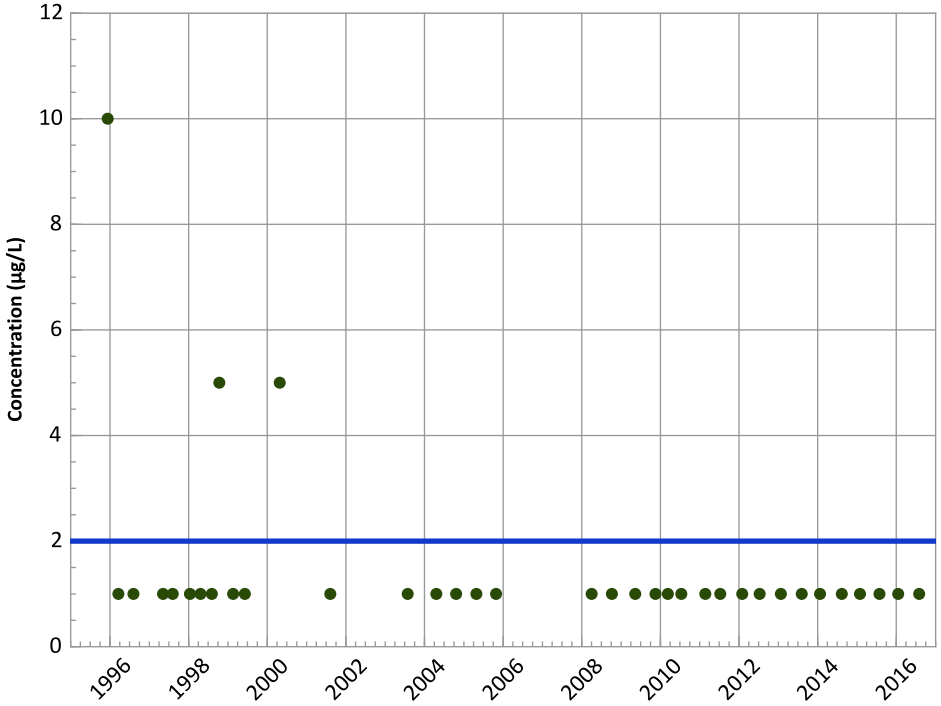


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

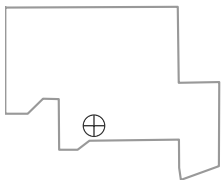
MAROS Mann-Kendall Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2016):
All Non-Detect
All Data
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2016
Data Date Range: 12/11/1995 to 08/01/2016
Analysis Date: 03/07/2017

▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



Appendix F
Water Level Expected Conditions and Well Hydrographs

Perched Aquifer
Water Level Expected Conditions Evaluation
and Hydrographs

Perched Water Level Trend Summary

Well	Num_AD	Slope_AD	Trend_AD	Change_AD	Num_L2Y	Slope_L2Y	Trend_L2Y	Change_L2Y	Num_SSRA	Slope_SSRA	Trend_SSRA	Change_SSRA
1114-MW4	65	0.06	No Trend	0.94	8	0.01	No Trend	-0.1	29	-0.36	Decreasing	-2.15
OW-WR-38	86	-0.77	Decreasing	-12.15	6	1.59	Increasing	1.65	22	-0.64	Decreasing	-3.26
OW-WR-45	46	-0.40	Decreasing	-8.76	4	-0.08	No Trend	-0.1	15	-0.99	Decreasing	-6.57
PTX01-1001	91	0.41	Increasing	6.4	8	0.32	Increasing	0.7	30	0.01	No Trend	0.75
PTX01-1002	78	0.51	Increasing	10.6	2	0.00	N/A (<3 Measurements)	1	18	0.39	Increasing	3.7
PTX01-1004	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX01-1006	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX01-1007	1	0.00	N/A (<3 Measurements)	0	0	0.00	N/A (No Measurements)	-999	1	0.00	N/A (<3 Measurements)	0
PTX01-1008	61	-0.05	No Trend	1.02	8	1.66	Increasing	2.7	31	0.02	No Trend	1.64
PTX01-1009	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX01-1014A	7	-0.02	No Trend	-0.13	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX04-1001	41	-0.05	No Trend	-0.07	5	0.50	Increasing	0.8	18	-0.04	No Trend	-0.16
PTX04-1002	59	-0.04	No Trend	0.04	6	0.66	Increasing	0.9	22	-0.05	No Trend	-0.02
PTX06-1001A	38	-0.66	Decreasing	-14.89	3	-2.00	Decreasing	-2	14	-1.57	Decreasing	-10.58
PTX06-1002A	64	-0.60	Decreasing	-10.59	8	0.30	Increasing	0.4	30	-1.22	Decreasing	-7.54
PTX06-1003	48	-0.42	Decreasing	-7.13	1	0.00	No Trend	0	19	-1.24	Decreasing	-6.15
PTX06-1005	65	-0.45	Decreasing	-9.39	9	-1.19	Decreasing	-1.9	31	-1.29	Decreasing	-7.36
PTX06-1006	50	-0.02	No Trend	-0.59	6	-0.22	Decreasing	-0.3	23	-0.42	Decreasing	-2.59
PTX06-1007	50	-0.06	No Trend	-1.41	6	-0.42	Decreasing	-0.5	23	-0.51	Decreasing	-3.96
PTX06-1008	47	-0.39	Decreasing	-6.06	6	-0.24	Decreasing	-0.4	23	-0.70	Decreasing	-5.12
PTX06-1009	21	-0.13	Decreasing	-0.65	0	0.00	N/A (No Measurements)	-999	8	-0.17	Decreasing	-0.69
PTX06-1010	59	0.27	Increasing	5.15	8	0.37	Increasing	0.6	31	-0.03	No Trend	0.49
PTX06-1011	51	-0.23	Decreasing	-4.69	6	-0.36	Decreasing	-0.8	23	-0.75	Decreasing	-4.78
PTX06-1012	82	0.18	Increasing	3.93	12	0.31	Increasing	0.5	42	0.11	Increasing	1.6
PTX06-1013	61	-0.08	No Trend	-0.03	6	-0.03	No Trend	0	27	-0.23	Decreasing	-1.37
PTX06-1014	56	-0.36	Decreasing	-5.53	7	-0.48	Decreasing	-0.6	23	-0.61	Decreasing	-3.55
PTX06-1015	70	-0.11	Decreasing	-1.95	8	-0.38	Decreasing	-0.8	30	-0.37	Decreasing	-2.69
PTX06-1017	28	-0.44	Decreasing	-6.4	4	-0.55	Decreasing	-1.1	15	-0.49	Decreasing	-4.19
PTX06-1023	66	-0.28	Decreasing	-4.56	8	0.04	No Trend	0.4	31	-0.34	Decreasing	-2.18
PTX06-1030	70	-0.29	Decreasing	-5.28	8	-0.36	Decreasing	-0.7	31	-0.58	Decreasing	-3.95
PTX06-1031	69	-0.10	No Trend	-2.47	8	-0.86	Decreasing	-1.4	30	-0.43	Decreasing	-3.25
PTX06-1034	68	0.02	No Trend	0.76	8	0.29	Increasing	0.7	32	-0.14	Decreasing	-0.72
PTX06-1035	63	0.28	Increasing	6.94	8	0.01	No Trend	0.4	30	0.18	Increasing	1.64
PTX06-1036	56	-0.12	Decreasing	-3.17	6	-1.11	Decreasing	-2.3	22	-0.36	Decreasing	-3.93
PTX06-1037	68	0.01	No Trend	0.33	12	-0.50	Decreasing	-0.41	42	-0.24	Decreasing	-1.09
PTX06-1038	69	-0.43	Decreasing	-7.55	9	-0.70	Decreasing	-1.1	34	-0.65	Decreasing	-4.8
PTX06-1039A	64	-0.71	Decreasing	-11.13	9	-1.06	Decreasing	-1.9	34	-1.03	Decreasing	-7.55
PTX06-1040	69	-0.89	Decreasing	-14.04	8	-2.17	Decreasing	-3.2	33	-1.42	Decreasing	-11.35
PTX06-1041	62	-1.00	Decreasing	-15.24	9	-2.20	Decreasing	-4.2	33	-1.41	Decreasing	-11
PTX06-1042	65	-0.56	Decreasing	-8.46	9	-0.75	Decreasing	-1.4	31	-0.89	Decreasing	-6.46
PTX06-1045	36	-0.10	No Trend	-1.21	0	0.00	N/A (No Measurements)	-999	9	-0.43	Decreasing	-1.05
PTX06-1046	66	-0.10	Decreasing	-1.83	8	-0.27	Decreasing	-0.3	32	-0.41	Decreasing	-2.85
PTX06-1047A	61	-0.08	No Trend	-1.7	8	-0.63	Decreasing	-0.8	32	-0.36	Decreasing	-2.69
PTX06-1048A	54	-0.23	Decreasing	-3.52	7	-0.19	Decreasing	-0.3	23	-0.25	Decreasing	-1.7
PTX06-1049	53	0.29	Increasing	5.89	8	-0.15	Decreasing	0.2	30	-0.10	No Trend	0.01
PTX06-1050	56	-0.60	Decreasing	-8.72	8	0.65	Increasing	0.7	30	-0.89	Decreasing	-5.08
PTX06-1051	2	0.00	N/A (<3 Measurements)	1.4	2	0.00	N/A (<3 Measurements)	1.4	2	0.00	N/A (<3 Measurements)	1.4
PTX06-1052	65	-0.30	Decreasing	-3.95	8	-0.83	Decreasing	-1.5	31	-0.37	Decreasing	-2.71
PTX06-1053	63	-0.04	No Trend	-0.02	7	0.37	Increasing	0.4	30	-0.13	Decreasing	-0.67

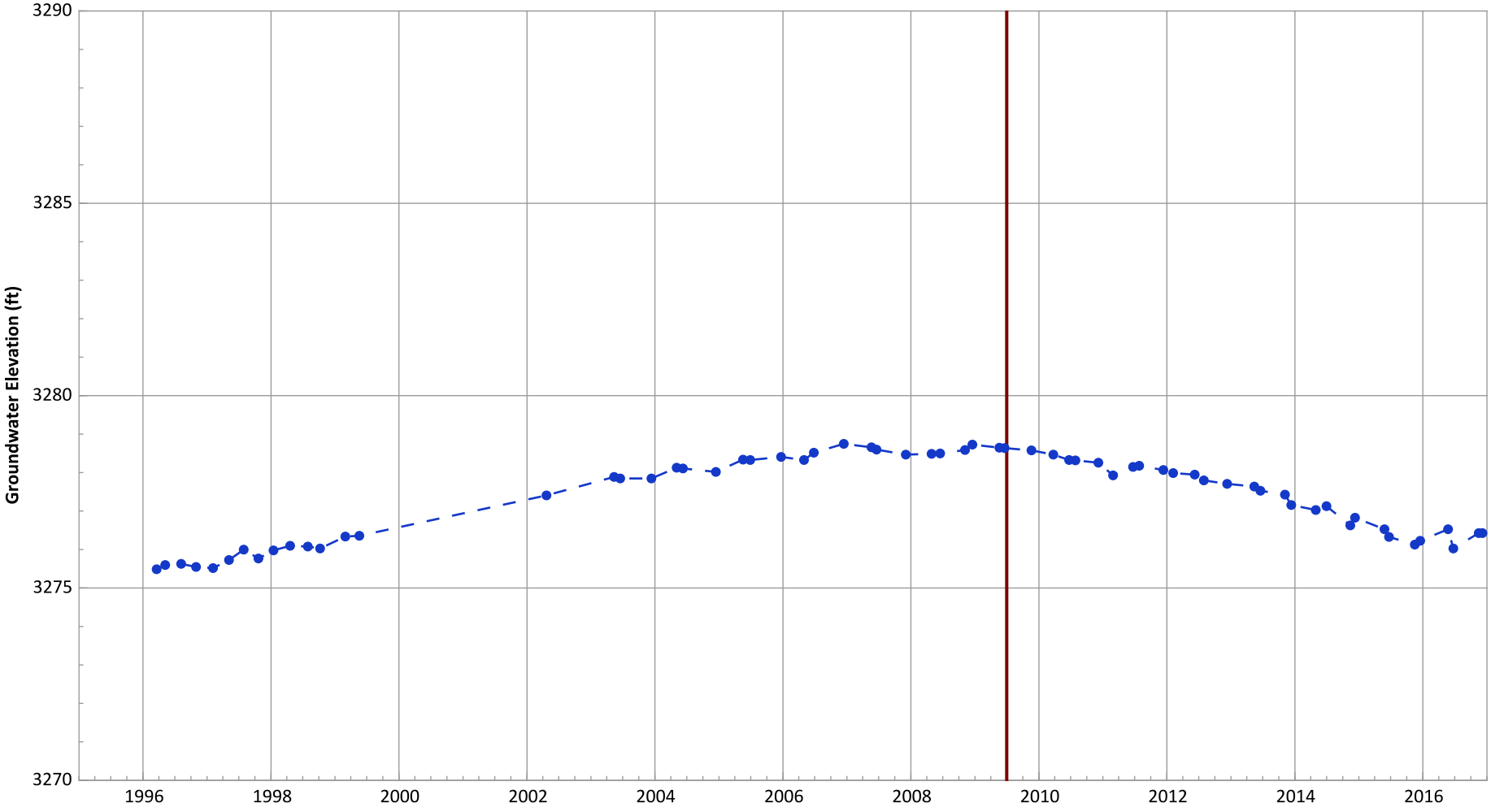
Well	Num_AD	Slope_AD	Trend_AD	Change_AD	Num_L2Y	Slope_L2Y	Trend_L2Y	Change_L2Y	Num_SSRA	Slope_SSRA	Trend_SSRA	Change_SSRA
PTX06-1055	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1069	53	0.01	No Trend	0.78	7	0.75	Increasing	0.9	22	0.00	No Trend	0.45
PTX06-1071	37	-0.11	Decreasing	-0.49	4	-0.22	Decreasing	0.1	17	-0.06	No Trend	-0.2
PTX06-1073A	28	-0.24	Decreasing	-3.28	7	0.19	Increasing	0.2	19	-0.18	Decreasing	0
PTX06-1077A	46	-0.22	Decreasing	-2.93	7	-0.59	Decreasing	-0.8	24	-0.46	Decreasing	-3.51
PTX06-1078	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1079	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1080	46	-0.30	Decreasing	-3.99	5	-0.57	Decreasing	-0.8	17	-0.59	Decreasing	-3.99
PTX06-1081	51	0.12	Increasing	2.23	6	0.84	Increasing	1.2	22	0.17	Increasing	1.14
PTX06-1082	40	-0.19	Decreasing	-1.84	6	1.14	Increasing	1.5	19	-0.01	No Trend	0.85
PTX06-1083	40	-0.37	Decreasing	-4.19	6	0.05	No Trend	0.2	19	-0.32	Decreasing	-1.85
PTX06-1084	21	0.18	Increasing	1.57	4	1.94	Increasing	3.4	10	0.17	Increasing	6.12
PTX06-1085	40	0.50	Increasing	7.75	6	3.23	Increasing	4.2	23	0.58	Increasing	5.35
PTX06-1086	44	0.44	Increasing	7.97	6	2.11	Increasing	2.8	23	0.42	Increasing	3.72
PTX06-1087	32	0.57	Increasing	9.08	4	3.81	Increasing	6	15	0.72	Increasing	6.98
PTX06-1088	54	-0.73	Decreasing	-9.39	8	-0.66	Decreasing	-1.2	30	-1.15	Decreasing	-6.74
PTX06-1089	11	-0.02	No Trend	-0.1	3	0.11	Increasing	0.1	11	-0.02	No Trend	-0.1
PTX06-1090	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1091	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1093	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1094	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1095A	42	-0.93	Decreasing	-8.9	9	-1.44	Decreasing	-2.2	31	-1.09	Decreasing	-6.9
PTX06-1096A	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1097	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1098	30	-0.27	Decreasing	-3.43	8	-0.89	Decreasing	-1.21	29	-0.24	Decreasing	-1.33
PTX06-1100	27	-0.34	Decreasing	-3.56	6	-0.61	Decreasing	-0.9	23	-0.32	Decreasing	-1.62
PTX06-1101	24	-0.33	Decreasing	-3.13	6	-0.55	Decreasing	-0.79	23	-0.32	Decreasing	-1.42
PTX06-1102	43	-0.72	Decreasing	-9.64	5	-0.26	Decreasing	-0.39	23	-1.45	Decreasing	-8.09
PTX06-1103	9	-7.90	Decreasing	-22.6	0	0.00	N/A (No Measurements)	-999	3	-27.43	Decreasing	-10.19
PTX06-1104	20	-0.40	Decreasing	-3.07	2	-0.97	Decreasing	-0.47	16	-0.45	Decreasing	-2.82
PTX06-1105	21	-0.40	Decreasing	-3.07	3	-0.71	Decreasing	-0.72	17	-0.43	Decreasing	-2.77
PTX06-1106	23	-0.42	Decreasing	-4.04	4	-0.75	Decreasing	-1.1	18	-0.46	Decreasing	-3.45
PTX06-1107	22	-0.42	Decreasing	-3.44	4	-0.68	Decreasing	-0.99	18	-0.46	Decreasing	-3.12
PTX06-1109	20	-2.00	Decreasing	-13.64	4	3.51	Increasing	4.8	15	-1.66	Decreasing	-7.19
PTX06-1110	20	-2.10	Decreasing	-14.78	4	2.88	Increasing	3.9	15	-1.68	Decreasing	-7.06
PTX06-1112	20	-1.21	Decreasing	-7.35	4	2.25	Increasing	4.3	15	-1.06	Decreasing	-4.86
PTX06-1113	20	-1.26	Decreasing	-7.86	4	1.96	Increasing	3.8	15	-1.06	Decreasing	-4.66
PTX06-1115	20	-1.38	Decreasing	-7.78	4	3.61	Increasing	5.5	15	-1.36	Decreasing	-6.13
PTX06-1116	20	-1.36	Decreasing	-8.01	4	3.25	Increasing	5	15	-1.32	Decreasing	-6.15
PTX06-1117	19	-1.61	Decreasing	-9.25	3	5.92	Increasing	6.1	14	-1.55	Decreasing	-5.34
PTX06-1118	32	-0.64	Decreasing	-4.95	0	0.00	N/A (No Measurements)	-999	24	-0.32	Decreasing	-2.22
PTX06-1119	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1120	31	-0.35	Decreasing	-2.58	8	-0.18	Decreasing	-0.5	28	-0.39	Decreasing	-2.32
PTX06-1121	32	-0.32	Decreasing	-2.45	8	-0.32	Decreasing	-0.6	29	-0.35	Decreasing	-2.21
PTX06-1122	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1123	53	-0.23	Decreasing	-3.01	14	-0.38	Decreasing	-0.28	45	-0.29	Decreasing	-1.5
PTX06-1124	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1125	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1126	42	0.05	No Trend	0.89	7	0.21	Increasing	0.6	32	0.06	No Trend	0.67

Well	Num_AD	Slope_AD	Trend_AD	Change_AD	Num_L2Y	Slope_L2Y	Trend_L2Y	Change_L2Y	Num_SSRA	Slope_SSRA	Trend_SSRA	Change_SSRA
PTX06-1127	40	-0.08	No Trend	-0.18	8	0.21	Increasing	0.6	30	-0.08	No Trend	-0.31
PTX06-1128	20	-1.15	Decreasing	-8.51	4	-0.21	Decreasing	-0.3	15	-0.93	Decreasing	-5.83
PTX06-1129	20	-1.17	Decreasing	-9.36	4	0.34	Increasing	0.5	15	-0.68	Decreasing	-4.9
PTX06-1130	26	-1.74	Decreasing	-18.86	3	-16.65	Decreasing	-10.2	24	-1.82	Decreasing	-17.79
PTX06-1131	30	0.33	Increasing	2.63	6	0.79	Increasing	1.2	28	0.34	Increasing	2.46
PTX06-1133A	22	-0.38	Decreasing	-1.16	8	1.91	Increasing	2.6	22	-0.38	Decreasing	-1.16
PTX06-1134	31	0.17	Increasing	0.96	7	0.18	Increasing	0.2	30	0.17	Increasing	1.16
PTX06-1135	32	-0.30	Decreasing	-2.66	8	-0.46	Decreasing	-0.8	30	-0.28	Decreasing	-2.22
PTX06-1136	29	-2.80	Decreasing	-16.82	6	-0.23	Decreasing	-0.4	27	-2.99	Decreasing	-16.74
PTX06-1146	32	-0.79	Decreasing	-5.25	8	-0.36	Decreasing	-0.3	30	-0.81	Decreasing	-5.18
PTX06-1147	32	-0.37	Decreasing	-3.2	8	-0.46	Decreasing	-1	30	-0.37	Decreasing	-3.16
PTX06-1148	37	-0.18	Decreasing	-1.24	12	0.20	Increasing	0.36	36	-0.17	Decreasing	-0.89
PTX06-1149	36	-0.07	No Trend	-0.47	12	0.28	Increasing	0.58	35	-0.06	No Trend	-0.13
PTX06-1150	37	0.01	No Trend	0.16	12	0.32	Increasing	0.67	36	0.02	No Trend	0.49
PTX06-1151	35	0.16	Increasing	1.22	8	0.39	Increasing	0.5	32	0.17	Increasing	1.21
PTX06-1153	44	-0.22	Decreasing	-1.39	12	-0.55	Decreasing	-0.33	44	-0.22	Decreasing	-1.39
PTX06-1154	45	-0.26	Decreasing	-1.33	13	-0.49	Decreasing	-0.17	45	-0.26	Decreasing	-1.33
PTX06-1155	44	0.10	No Trend	1.17	12	0.42	Increasing	0.67	44	0.10	No Trend	1.17
PTX06-1156	44	-0.18	Decreasing	-0.7	12	0.13	Increasing	0.31	44	-0.18	Decreasing	-0.7
PTX06-1158	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1159	17	0.07	No Trend	0.67	8	0.26	Increasing	0.7	17	0.07	No Trend	0.67
PTX06-1160	17	0.14	Increasing	1.08	8	0.51	Increasing	1	17	0.14	Increasing	1.08
PTX06-1162	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1164	10	0.29	Increasing	0.81	10	0.29	Increasing	0.81	10	0.29	Increasing	0.81
PTX06-1166	17	-0.31	Decreasing	-1.61	8	-0.29	Decreasing	-0.5	17	-0.31	Decreasing	-1.61
PTX06-1167	2	0.00	N/A (<3 Measurements)	-0.1	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	-0.1
PTX06-1169	4	0.00	No Trend	0	4	0.00	No Trend	0	4	0.00	No Trend	0
PTX06-1170	14	0.42	Increasing	0.89	14	0.42	Increasing	0.89	14	0.42	Increasing	0.89
PTX06-1171	5	0.66	Increasing	1.3	5	0.66	Increasing	1.3	5	0.66	Increasing	1.3
PTX06-1172	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1173	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1174	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1175	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1176	9	0.49	Increasing	0.97	9	0.49	Increasing	0.97	9	0.49	Increasing	0.97
PTX06-1177	9	0.53	Increasing	0.97	9	0.53	Increasing	0.97	9	0.53	Increasing	0.97
PTX06-1180	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1181	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1182	2	0.00	N/A (<3 Measurements)	0	2	0.00	N/A (<3 Measurements)	0	2	0.00	N/A (<3 Measurements)	0
PTX06-1183	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-EW-26	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-EW-36	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-EW-39	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-EW-49	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-EW-70	8	-2.39	Decreasing	-2.84	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-EW-75	2	0.00	N/A (<3 Measurements)	-0.95	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB010	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB011	5	-0.26	Decreasing	-2.61	0	0.00	N/A (No Measurements)	-999	3	-0.22	Decreasing	-0.46
PTX06-ISB012	4	-0.56	Decreasing	-1.25	0	0.00	N/A (No Measurements)	-999	4	-0.56	Decreasing	-1.25
PTX06-ISB013	2	0.00	N/A (<3 Measurements)	-0.01	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	-0.01

Well	Num_AD	Slope_AD	Trend_AD	Change_AD	Num_L2Y	Slope_L2Y	Trend_L2Y	Change_L2Y	Num_SSRA	Slope_SSRA	Trend_SSRA	Change_SSRA
PTX06-ISB014	50	-0.06	No Trend	-4.96	10	-1.57	Decreasing	-2.77	43	-0.07	No Trend	-1.93
PTX06-ISB015	2	0.00	N/A (<3 Measurements)	-0.04	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	-0.04
PTX06-ISB016	3	-0.04	No Trend	-0.17	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	0.21
PTX06-ISB018	2	0.00	N/A (<3 Measurements)	-2.55	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB019	48	-1.56	Decreasing	-10.41	10	-0.14	Decreasing	0.58	41	-1.94	Decreasing	-9.26
PTX06-ISB021	2	0.00	N/A (<3 Measurements)	-2.27	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB024	28	-0.23	Decreasing	-0.88	10	-0.05	No Trend	0.7	26	-0.33	Decreasing	-0.4
PTX06-ISB026	2	0.00	N/A (<3 Measurements)	-7.17	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB029	2	0.00	N/A (<3 Measurements)	-0.11	0	0.00	N/A (No Measurements)	-999	1	0.00	N/A (<3 Measurements)	0
PTX06-ISB030	47	-0.80	Decreasing	-3.1	10	-0.01	No Trend	-0.71	41	-0.99	Decreasing	-0.75
PTX06-ISB031	4	-0.22	Decreasing	-1.52	0	0.00	N/A (No Measurements)	-999	1	0.00	N/A (<3 Measurements)	0
PTX06-ISB032	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB034	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB035	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB036	25	0.01	No Trend	-1.3	0	0.00	N/A (No Measurements)	-999	16	0.28	Increasing	1.13
PTX06-ISB038	50	-0.22	Decreasing	-3.2	10	-0.42	Decreasing	-0.4	41	-0.28	Decreasing	-0.9
PTX06-ISB040	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB042	48	-0.81	Decreasing	-3.33	10	0.59	Increasing	3.45	40	-1.04	Decreasing	-0.72
PTX06-ISB045	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB046	49	-0.18	Decreasing	-0.75	10	-0.47	Decreasing	-0.4	40	-0.27	Decreasing	-0.7
PTX06-ISB048	45	-0.04	No Trend	-0.47	10	1.18	Increasing	2.57	41	-0.14	Decreasing	3.23
PTX06-ISB049	2	0.00	N/A (<3 Measurements)	-2.22	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB055	40	-0.15	Decreasing	-1.03	10	0.01	No Trend	-0.06	39	-0.16	Decreasing	-0.61
PTX06-ISB057	2	0.00	N/A (<3 Measurements)	-0.46	0	0.00	N/A (No Measurements)	-999	1	0.00	N/A (<3 Measurements)	0
PTX06-ISB058	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB059	39	-0.11	Decreasing	-1.87	9	0.12	Increasing	-0.95	38	-0.11	Decreasing	-1.09
PTX06-ISB060	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB061	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB063	41	-0.04	No Trend	-0.36	10	0.09	No Trend	0.11	40	-0.04	No Trend	0.41
PTX06-ISB065	19	0.03	No Trend	-0.21	0	0.00	N/A (No Measurements)	-999	17	0.09	No Trend	-0.32
PTX06-ISB067	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB069	42	0.69	Increasing	-0.1	12	5.64	Increasing	-0.18	41	0.73	Increasing	0.11
PTX06-ISB071	22	0.21	Increasing	-0.77	9	0.58	Increasing	-0.69	21	0.39	Increasing	-0.69
PTX06-ISB073	38	0.44	Increasing	0.15	11	3.13	Increasing	-0.1	37	0.46	Increasing	0.14
PTX06-ISB074	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB075	44	0.03	No Trend	0.84	12	0.37	Increasing	0.97	43	0.02	No Trend	0.39
PTX06-ISB077	38	0.06	No Trend	2.65	9	-1.09	Decreasing	2.57	37	0.05	No Trend	2.52
PTX06-ISB083	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB084	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB085	26	0.18	Increasing	0.68	0	0.00	N/A (No Measurements)	-999	26	0.18	Increasing	0.68
PTX06-ISB086	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB098	2	0.00	N/A (<3 Measurements)	0	2	0.00	N/A (<3 Measurements)	0	2	0.00	N/A (<3 Measurements)	0
PTX06-PZ01	27	-0.60	Decreasing	-7.86	4	-0.76	Decreasing	-1.1	15	-0.86	Decreasing	-5.92
PTX06-PZ02	28	-0.57	Decreasing	-7.36	4	-0.45	Decreasing	-0.6	15	-0.83	Decreasing	-5.55
PTX06-PZ03	28	-0.97	Decreasing	-11.45	4	-0.17	Decreasing	-0.3	15	-1.15	Decreasing	-7.65
PTX06-PZ05	27	-0.52	Decreasing	-4.1	4	1.20	Increasing	2	15	-0.51	Decreasing	-1.65
PTX06-PZ06	28	-0.85	Decreasing	-10.4	4	-1.46	Decreasing	-1.7	15	-0.95	Decreasing	-6.43
PTX07-1O01	59	-0.31	Decreasing	-5.76	6	0.11	Increasing	0.2	27	-0.79	Decreasing	-4.38
PTX07-1O02	60	-0.24	Decreasing	-5.89	9	-0.67	Decreasing	-1.7	31	-0.76	Decreasing	-5.26

Well	Num_AD	Slope_AD	Trend_AD	Change_AD	Num_L2Y	Slope_L2Y	Trend_L2Y	Change_L2Y	Num_SSRA	Slope_SSRA	Trend_SSRA	Change_SSRA
PTX07-1O03	53	-0.33	Decreasing	-5.49	6	0.81	Increasing	0.8	23	-0.68	Decreasing	-3.68
PTX07-1O04	36	-0.38	Decreasing	-6.72	4	-0.68	Decreasing	-1	15	-0.64	Decreasing	-4.18
PTX07-1O05	33	-0.37	Decreasing	-5.75	4	-0.24	Decreasing	-0.4	15	-0.32	Decreasing	-2.7
PTX07-1O06	44	-0.45	Decreasing	-7.4	3	-0.94	Decreasing	-0.5	20	-0.24	Decreasing	-0.75
PTX07-1P01	37	-0.27	Decreasing	-4.49	4	-0.20	Decreasing	-0.3	15	-0.17	Decreasing	-1.5
PTX07-1P02	56	-0.78	Decreasing	-11.75	8	2.02	Increasing	2.7	30	-1.16	Decreasing	-5.59
PTX07-1P03	37	-0.36	Decreasing	-6.35	4	-0.45	Decreasing	-0.7	14	-0.44	Decreasing	-3.29
PTX07-1P04	9	-0.61	Decreasing	-3.17	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX07-1P05	39	-0.52	Decreasing	-8.22	5	-0.01	No Trend	0	22	-0.58	Decreasing	-3.77
PTX07-1P06	38	-0.55	Decreasing	-8.7	4	-0.29	Decreasing	-0.4	15	-0.46	Decreasing	-3.29
PTX07-1Q01	47	0.32	Increasing	6.39	6	0.37	Increasing	0.4	24	0.24	Increasing	1.8
PTX07-1Q02	52	0.33	Increasing	7.61	6	0.44	Increasing	1.1	25	0.29	Increasing	2.63
PTX07-1Q03	49	0.35	Increasing	7.31	6	0.75	Increasing	1.5	24	0.28	Increasing	2.93
PTX07-1R03	39	-0.06	No Trend	0.64	5	2.31	Increasing	3	18	0.14	Increasing	1.36
PTX08-1001	83	-1.04	Decreasing	-18.13	6	5.59	Increasing	7.6	23	-1.61	Decreasing	-7.92
PTX08-1002	98	-1.19	Decreasing	-20.18	8	4.23	Increasing	6.9	29	-1.63	Decreasing	-7.07
PTX08-1003	55	0.14	Increasing	3.2	6	0.09	No Trend	0.4	24	-0.32	Decreasing	-1.75
PTX08-1005	62	0.14	Increasing	3.89	8	0.70	Increasing	1.5	31	0.14	Increasing	1.18
PTX08-1006	65	0.04	No Trend	0.61	8	-0.11	Decreasing	-0.2	30	-0.29	Decreasing	-1.94
PTX08-1007	49	-0.05	No Trend	-1.75	6	-0.11	Decreasing	-0.5	23	-0.38	Decreasing	-2.65
PTX08-1008	69	-0.06	No Trend	-1.24	8	0.12	Increasing	0.6	31	-0.38	Decreasing	-2.39
PTX08-1009	63	-0.23	Decreasing	-2.54	8	-0.60	Decreasing	-0.9	30	-0.56	Decreasing	-3.43
PTX08-1010	53	-0.08	No Trend	-0.4	5	0.03	No Trend	0.5	17	0.00	No Trend	0
PTX10-1008	43	0.36	Increasing	7.38	4	0.74	Increasing	0.8	15	0.11	Increasing	1.31
PTX10-1014	46	-0.54	Decreasing	-10.08	6	-0.21	Decreasing	-0.1	23	-1.12	Decreasing	-7.16

1114-MW4 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

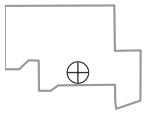


Notes:
1. Top of screen elevation is 3280.32 ft msl.
2. The bottom of screen elevation is 3260.32 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

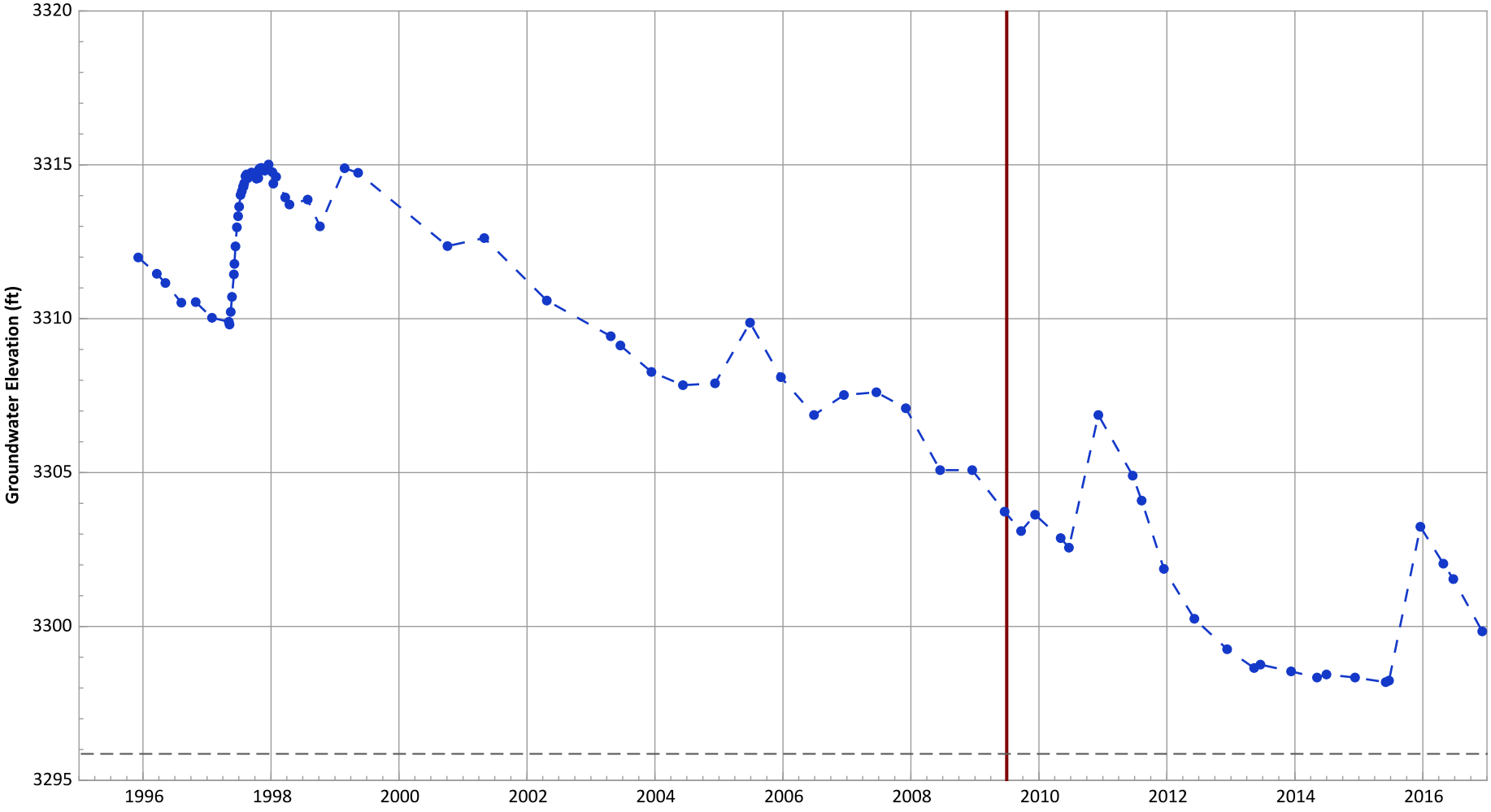
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.36 ft/yr
2014 - 2016 Data: No Trend

OW-WR-38 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

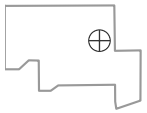


Notes:
1. Top of screen elevation is 3310.86 ft msl.
2. The bottom of screen elevation is 3295.86 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

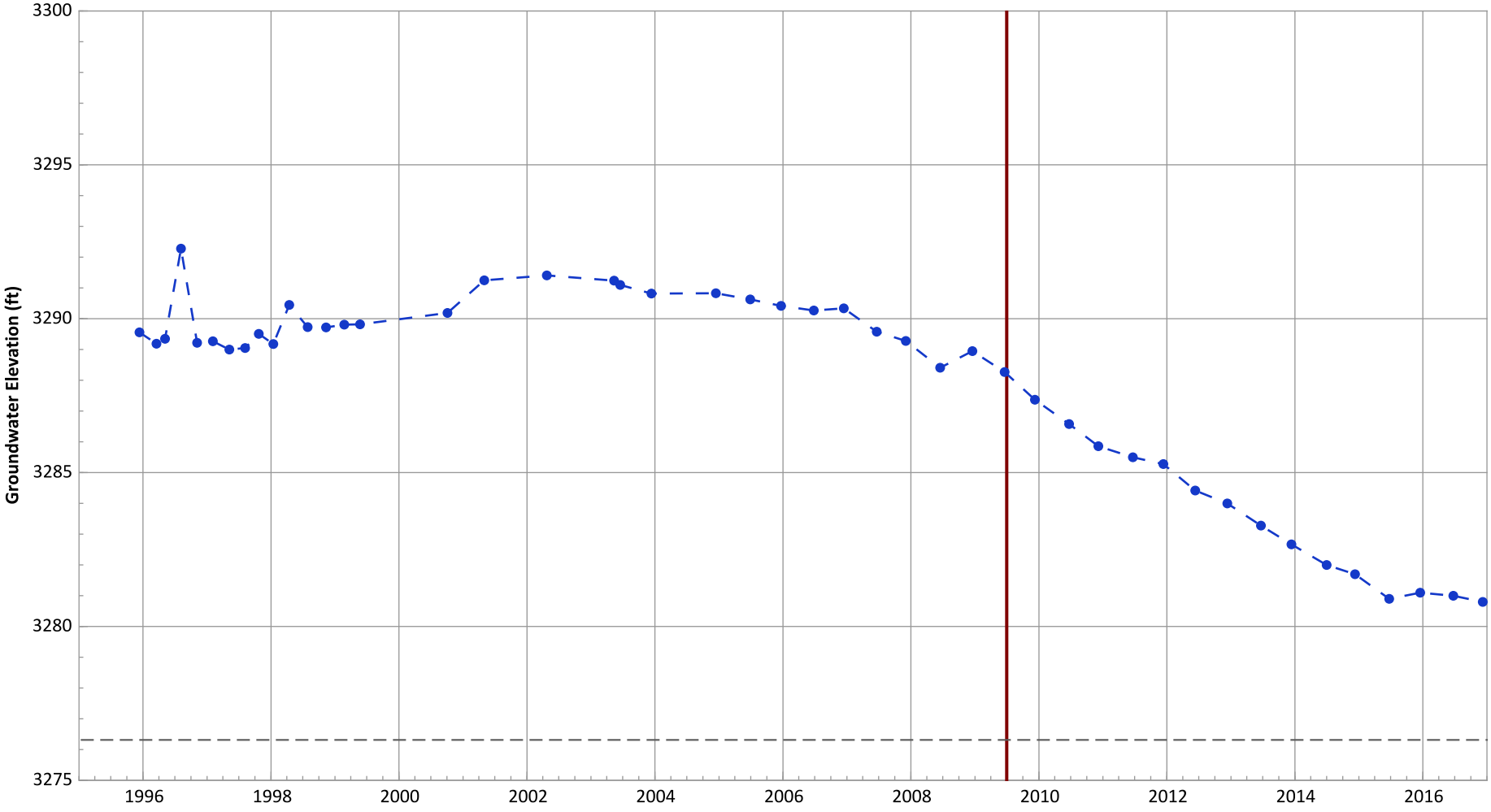
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.64 ft/yr
2014 - 2016 Data: Increasing at 1.59 ft/yr

OW-WR-45 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

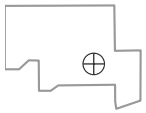


Notes:
1. Top of screen elevation is 3296.31 ft msl.
2. The bottom of screen elevation is 3276.31 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

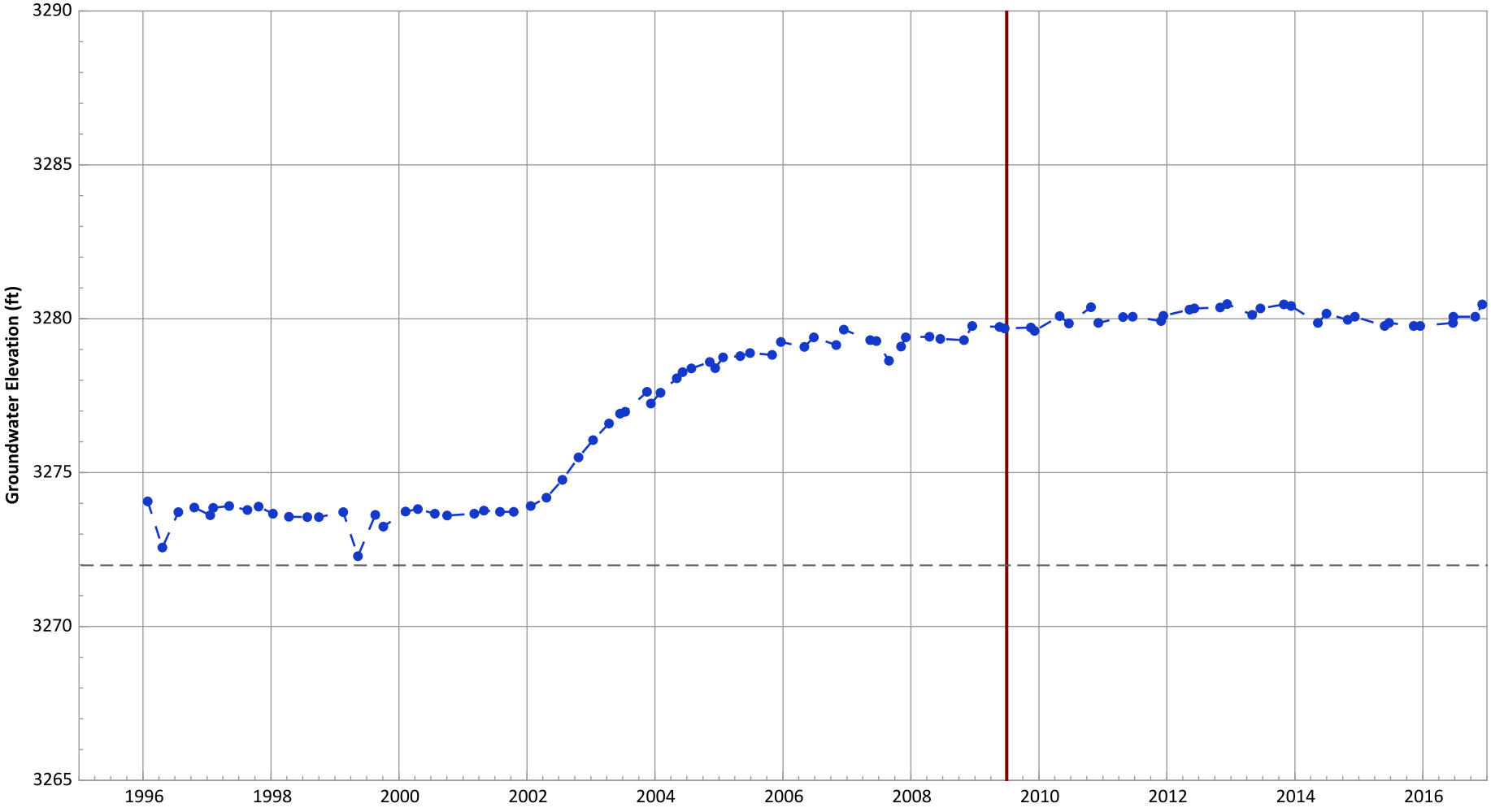
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.99 ft/yr
2014 - 2016 Data: No Trend

PTX01-1001 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

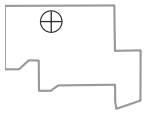


Notes:
1. Top of screen elevation is 3286.99 ft msl.
2. The bottom of screen elevation is 3271.99 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

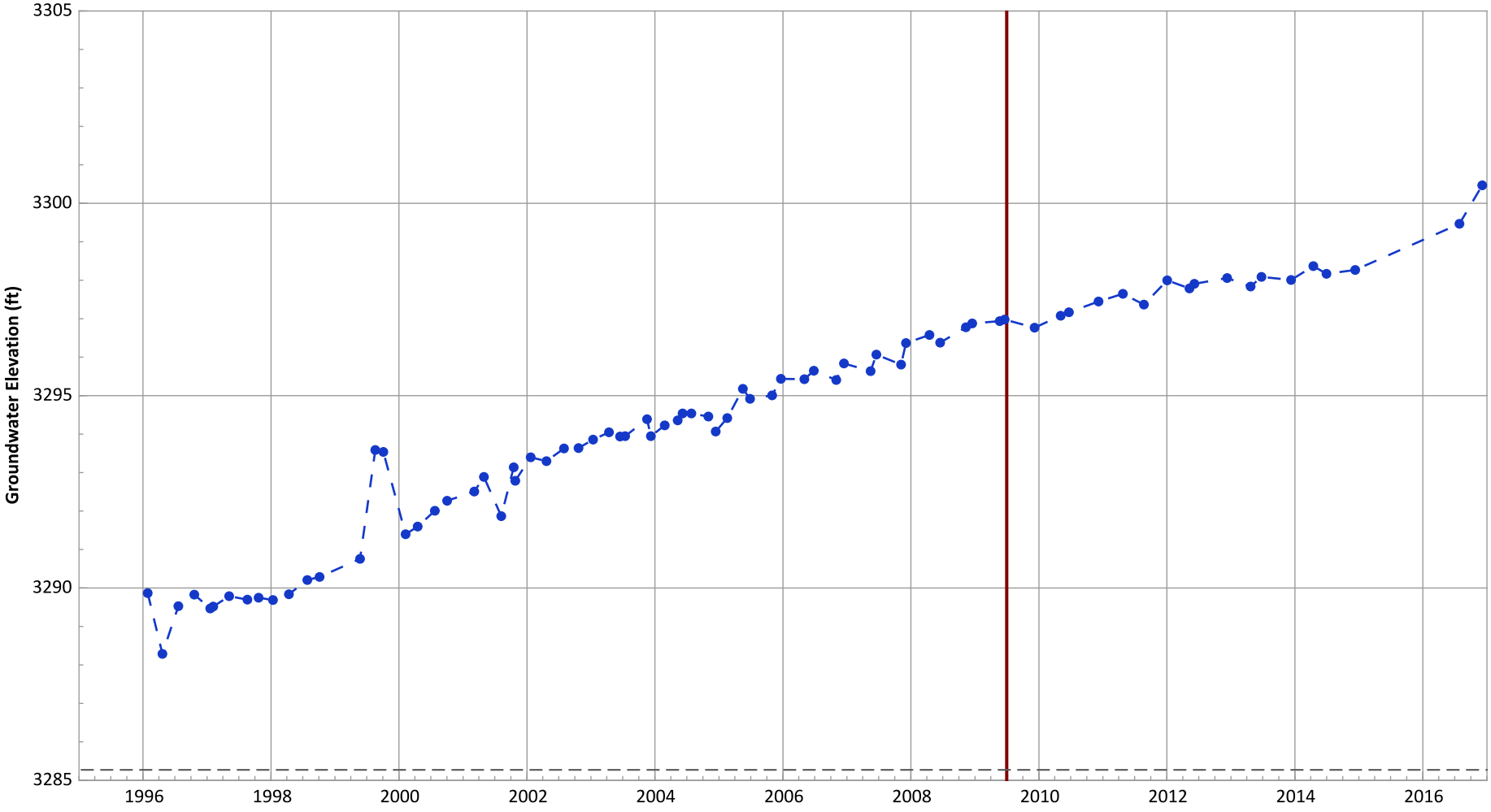
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: Increasing at 0.32 ft/yr

PTX01-1002 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

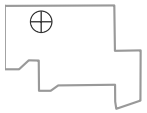


Notes:
1. Top of screen elevation is 3300.27 ft msl.
2. The bottom of screen elevation is 3285.27 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

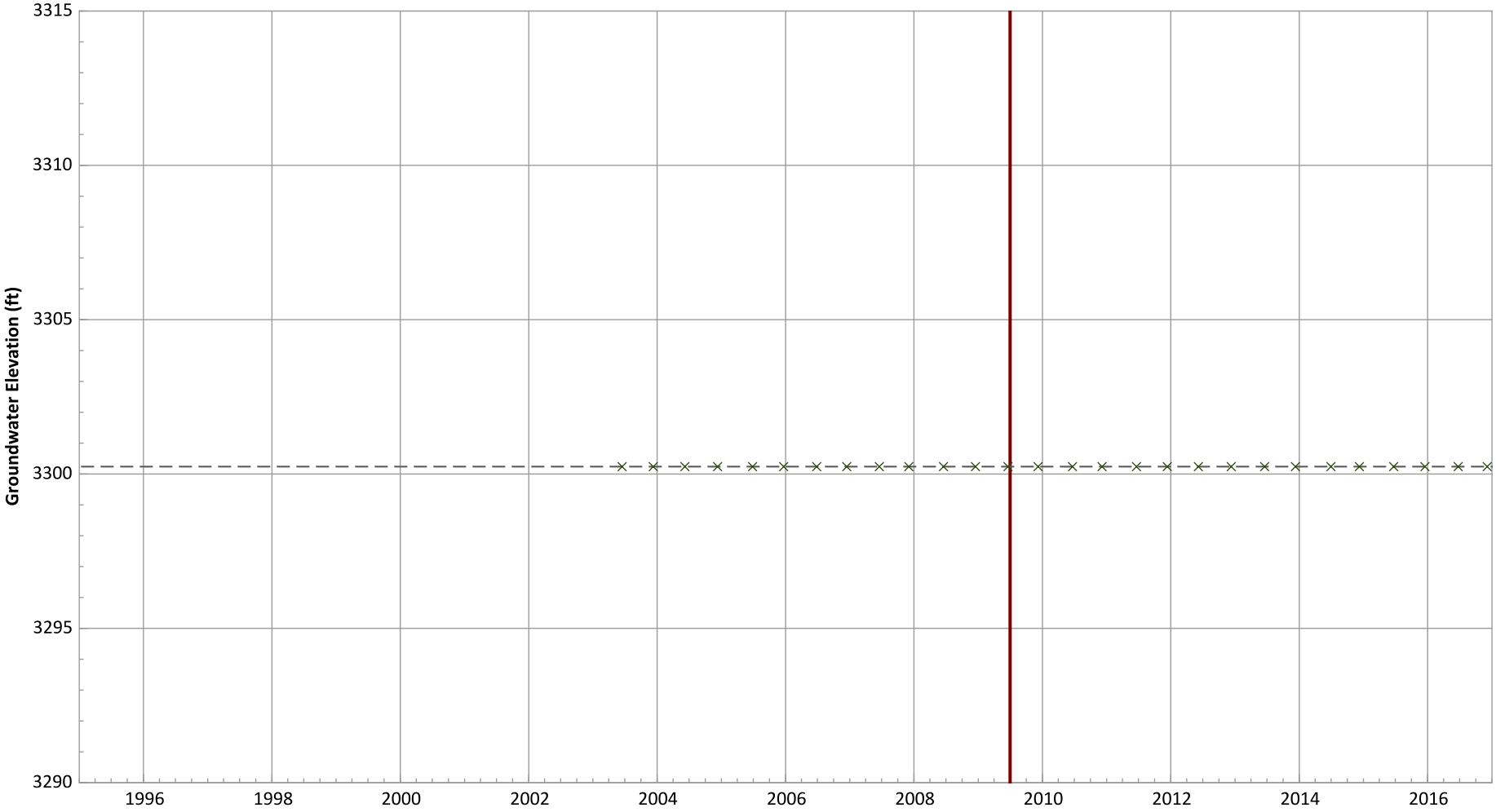
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.39 ft/yr
2014 - 2016 Data: N/A (<3 Measurements)

PTX01-1004 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

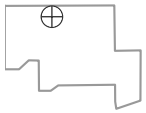


Notes:
1. Top of screen elevation is 3320.24 ft msl.
2. The bottom of screen elevation is 3300.24 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

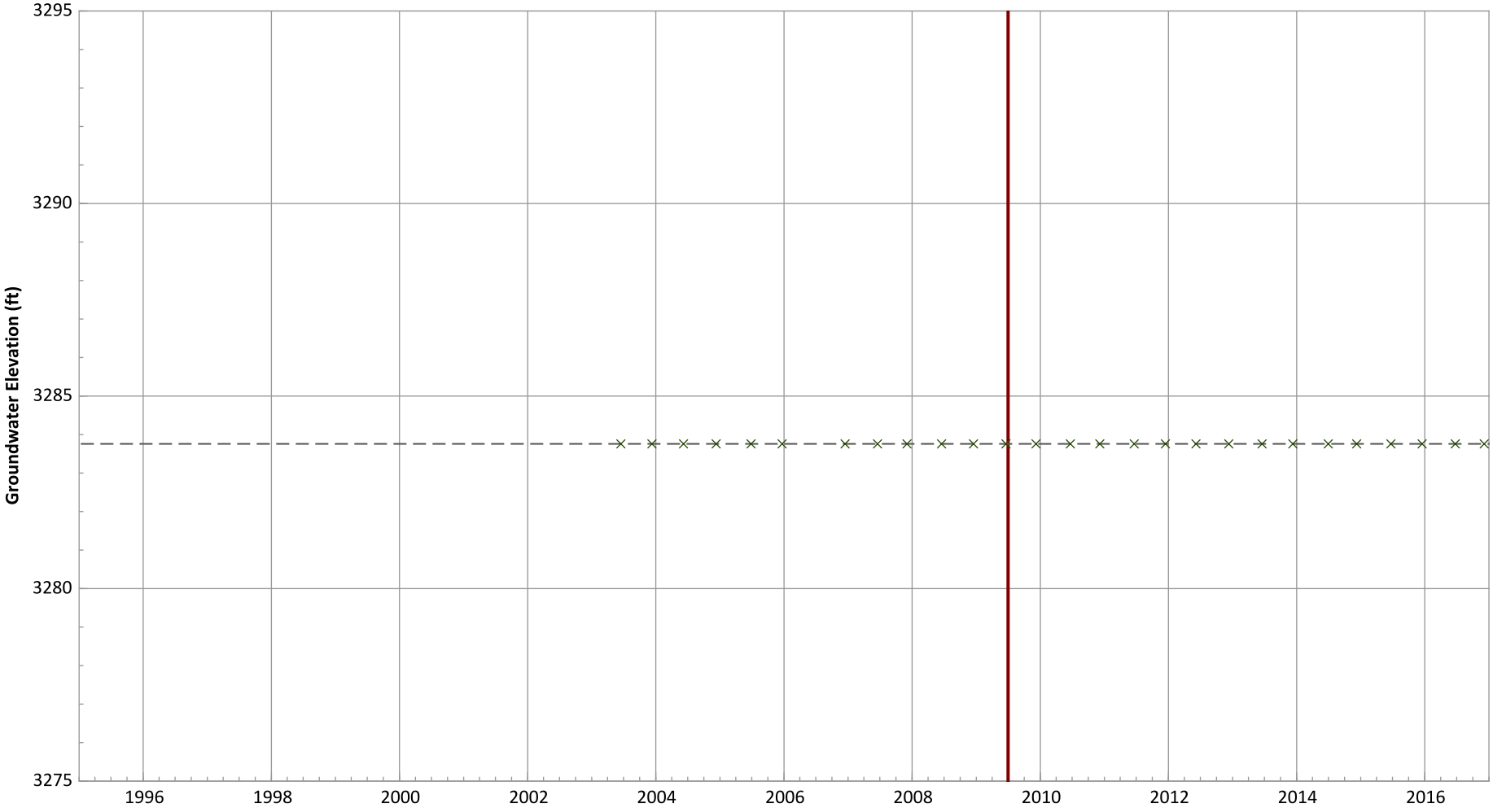
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX01-1006 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

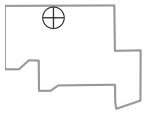


Notes:
1. Top of screen elevation is 3313.76 ft msl.
2. The bottom of screen elevation is 3283.76 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

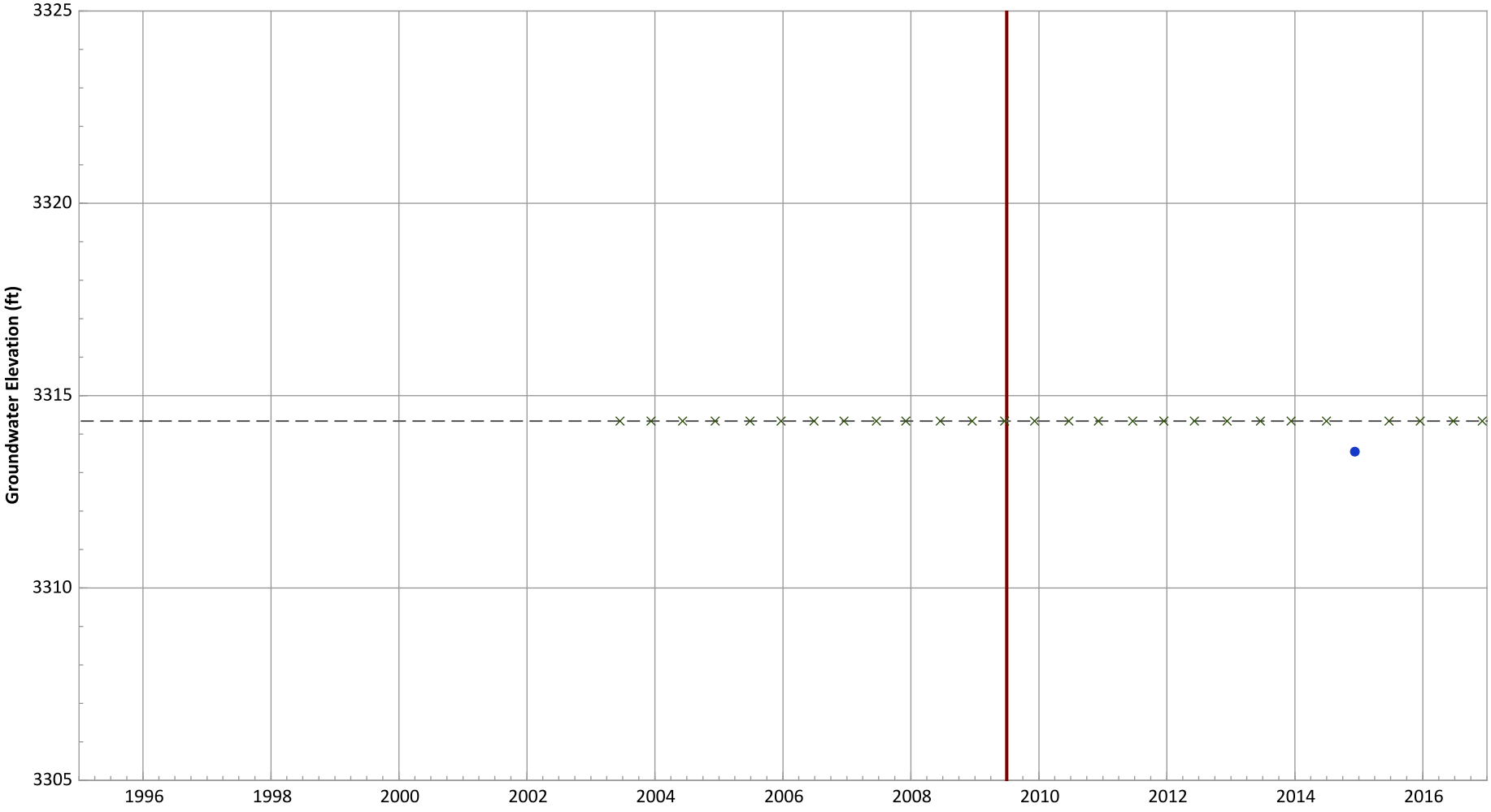
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX01-1007 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

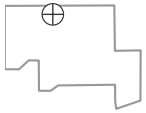


Notes:
1. Top of screen elevation is 3334.34 ft msl.
2. The bottom of screen elevation is 3314.34 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

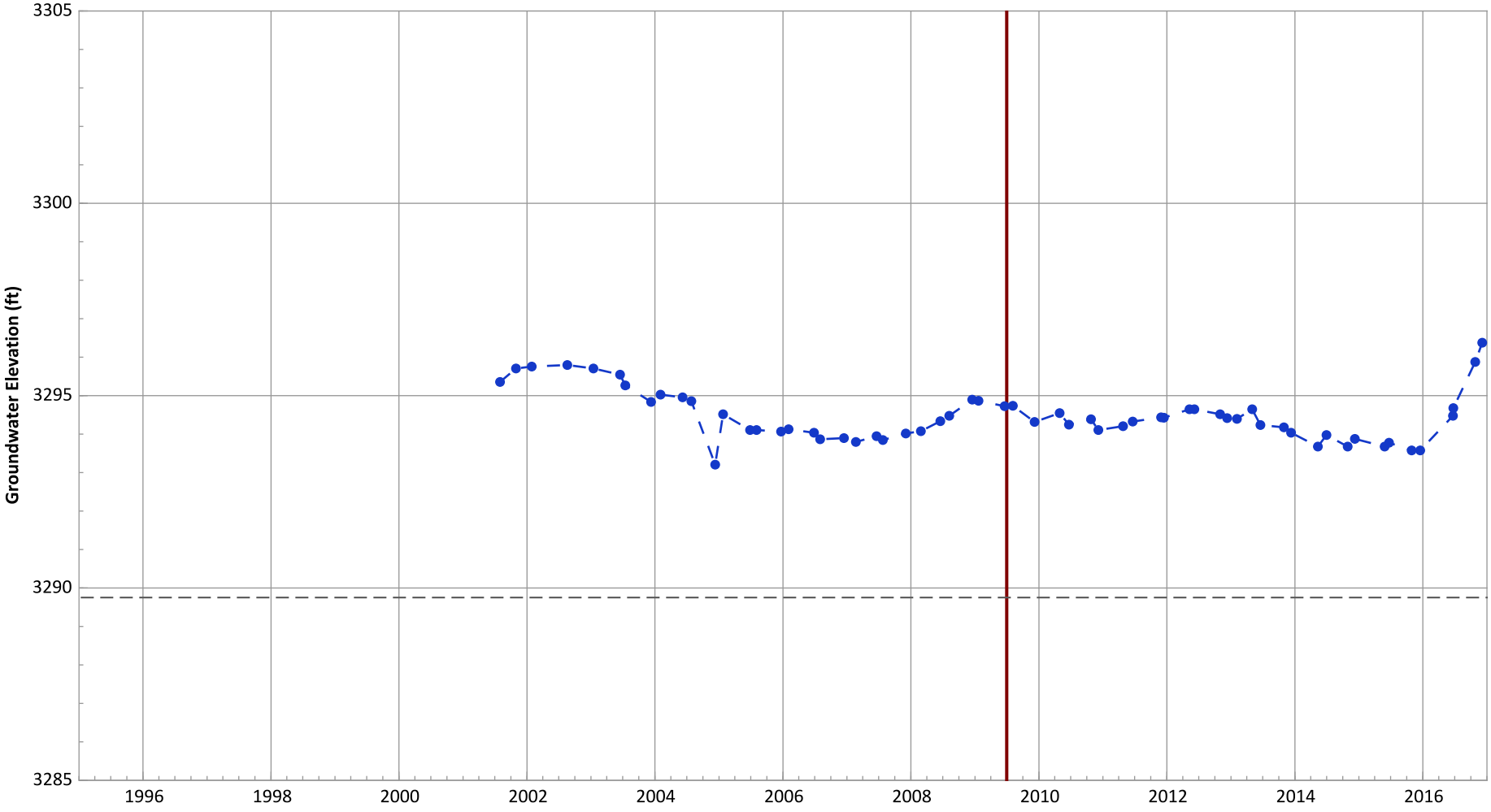
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (<3 Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX01-1008 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

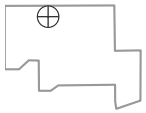


Notes:
1. Top of screen elevation is 3309.75 ft msl.
2. The bottom of screen elevation is 3289.75 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

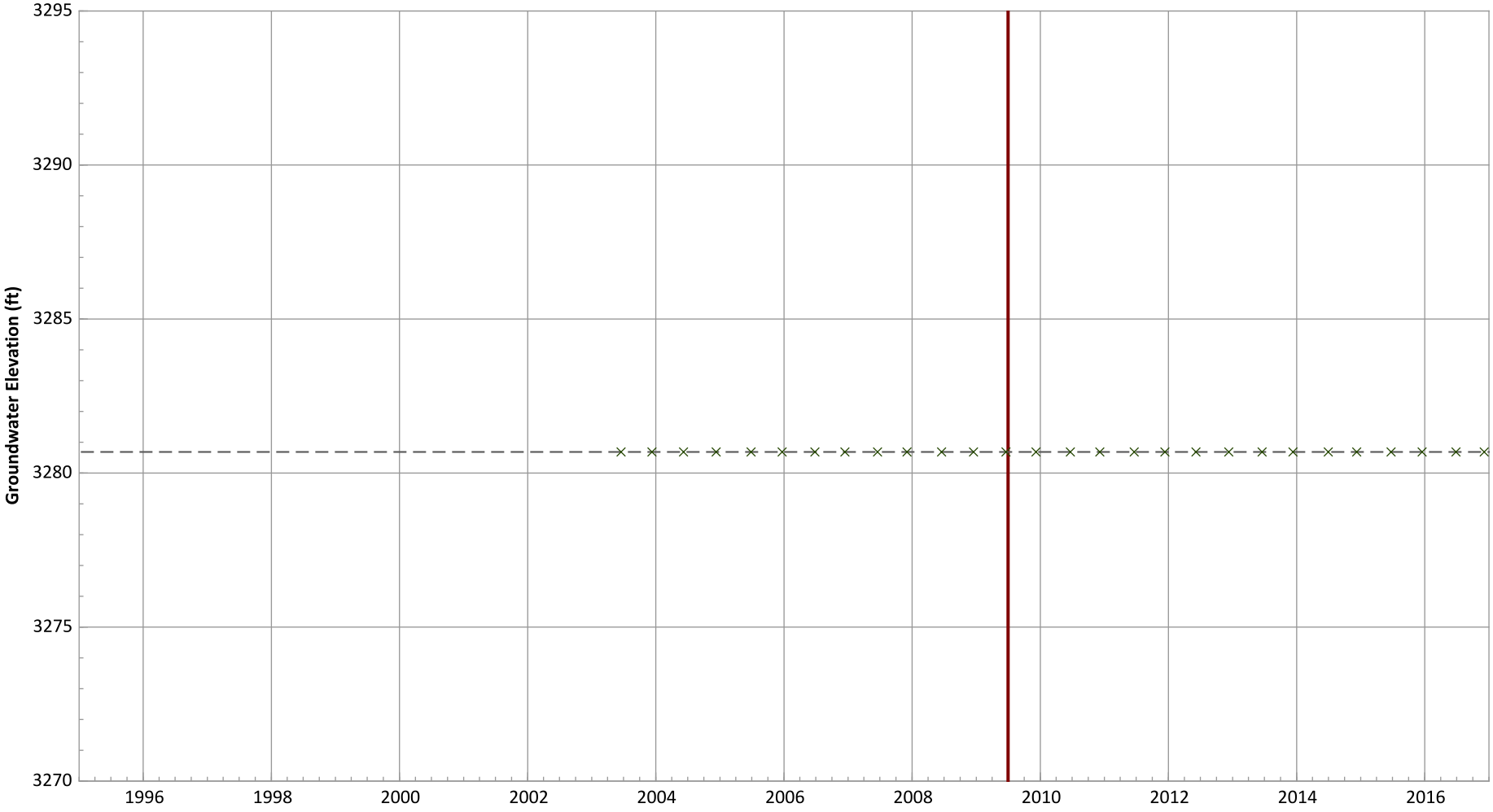
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: Increasing at 1.66 ft/yr

PTX01-1009 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

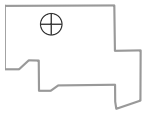


Notes:
1. Top of screen elevation is 3300.68 ft msl.
2. The bottom of screen elevation is 3280.68 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

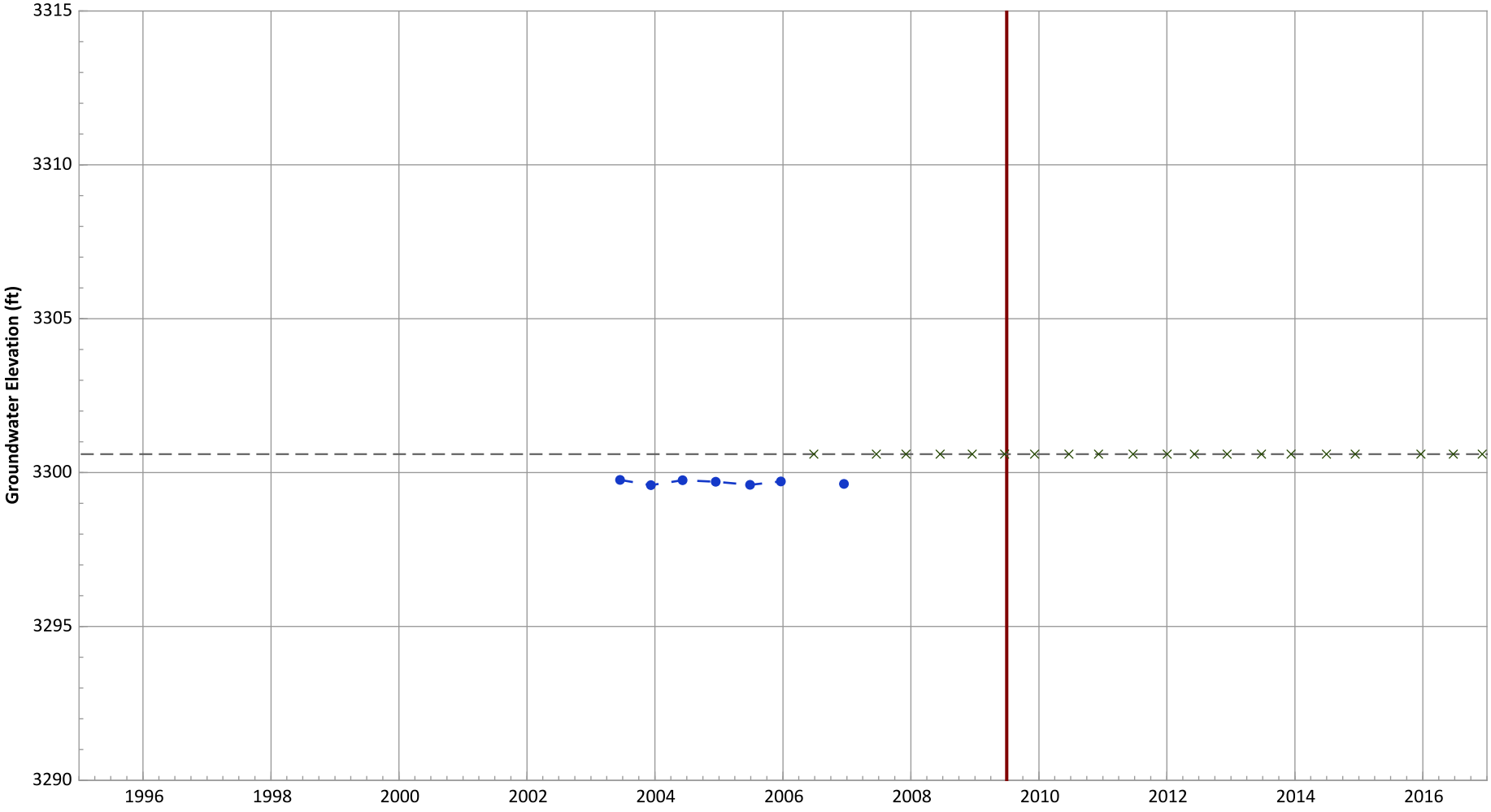
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX01-1014A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

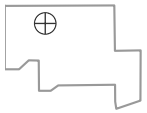


Notes:
1. Top of screen elevation is 3325.6 ft msl.
2. The bottom of screen elevation is 3300.6 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

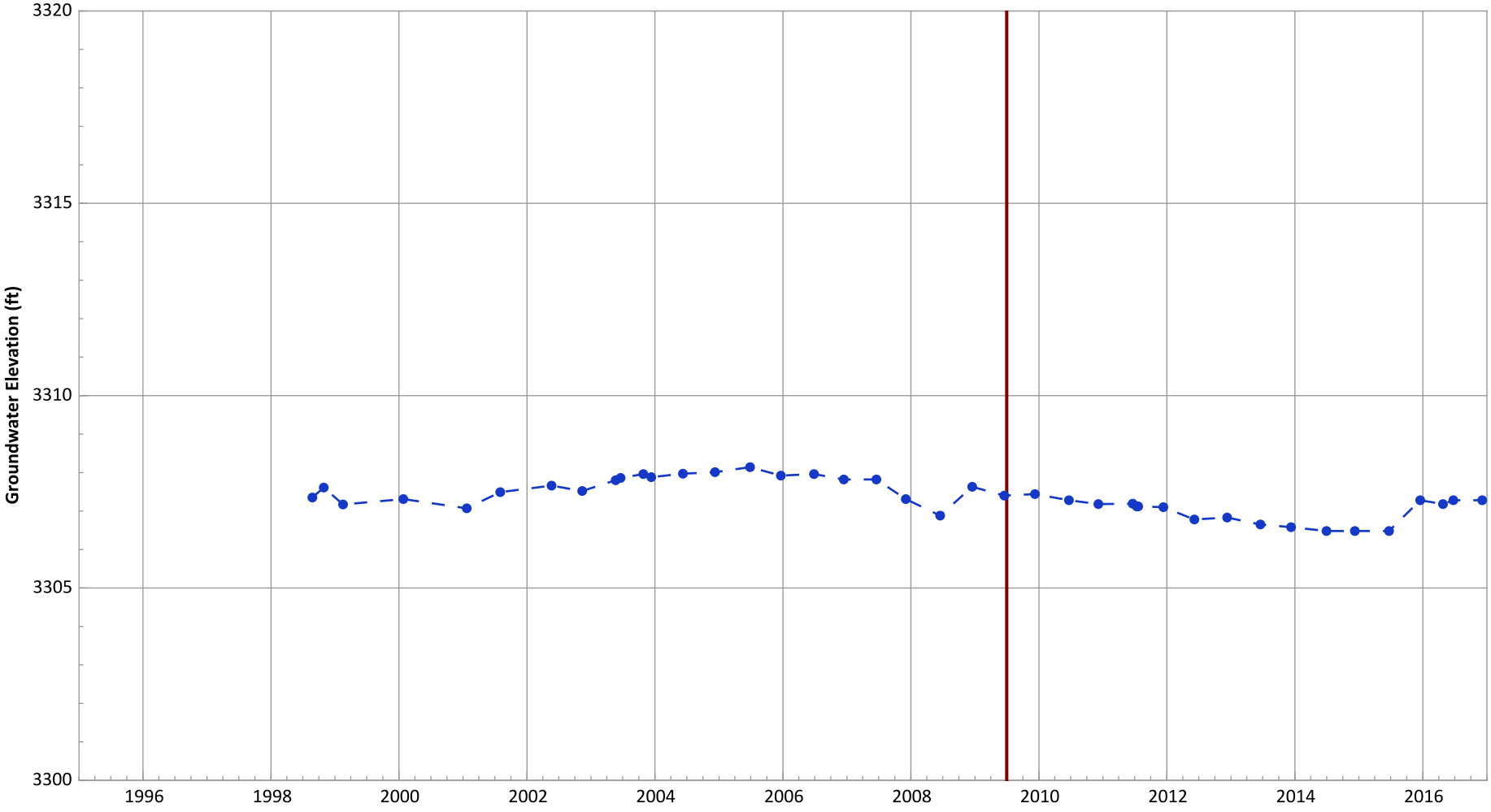
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX04-1001 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

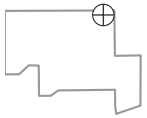


Notes:
1. Top of screen elevation is 3307.77 ft msl.
2. The bottom of screen elevation is 3289.07 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

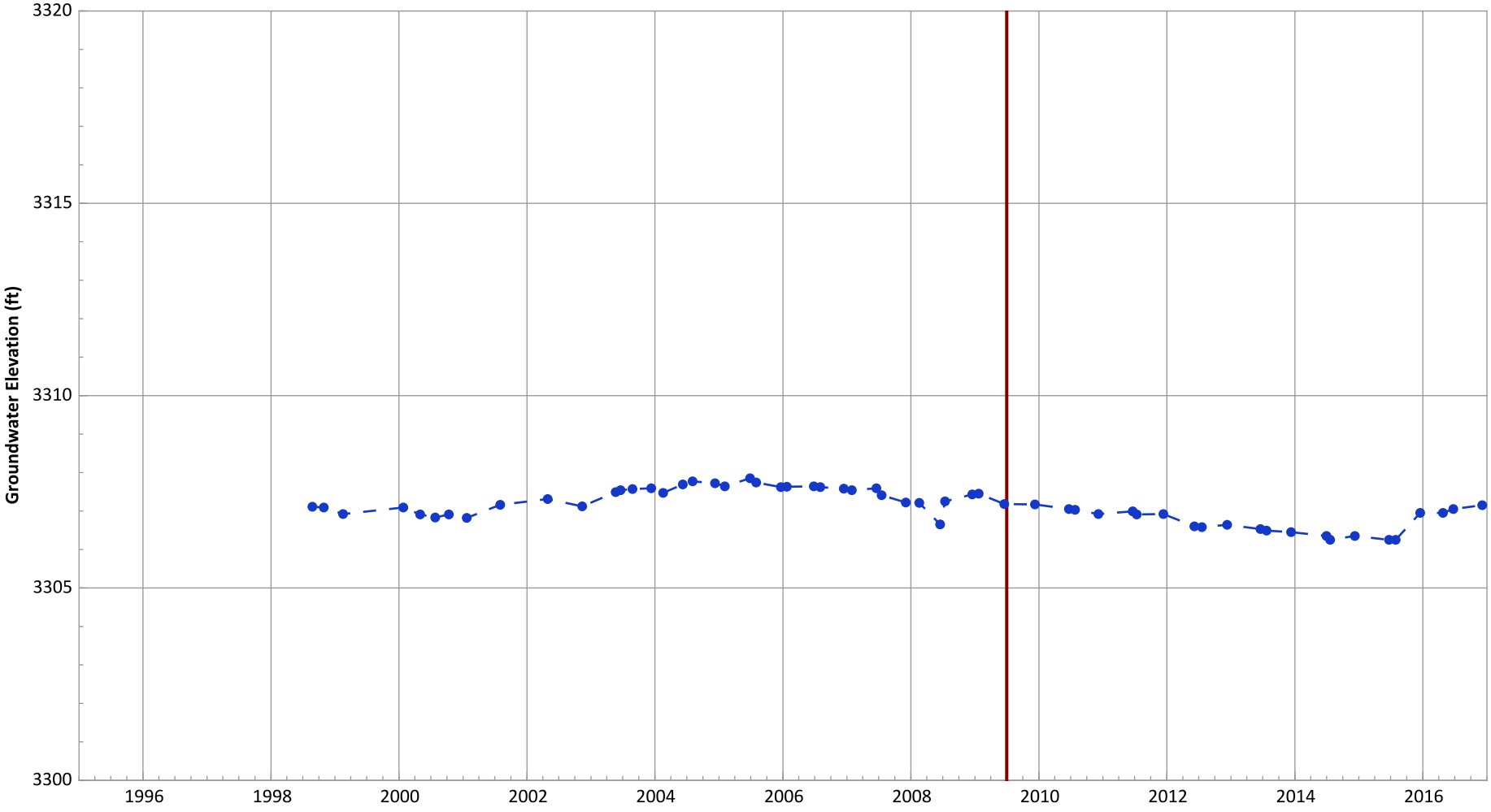
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: Increasing at 0.5 ft/yr

PTX04-1002 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

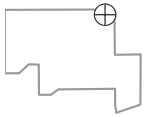


Notes:
1. Top of screen elevation is 3312.63 ft msl.
2. The bottom of screen elevation is 3288.83 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

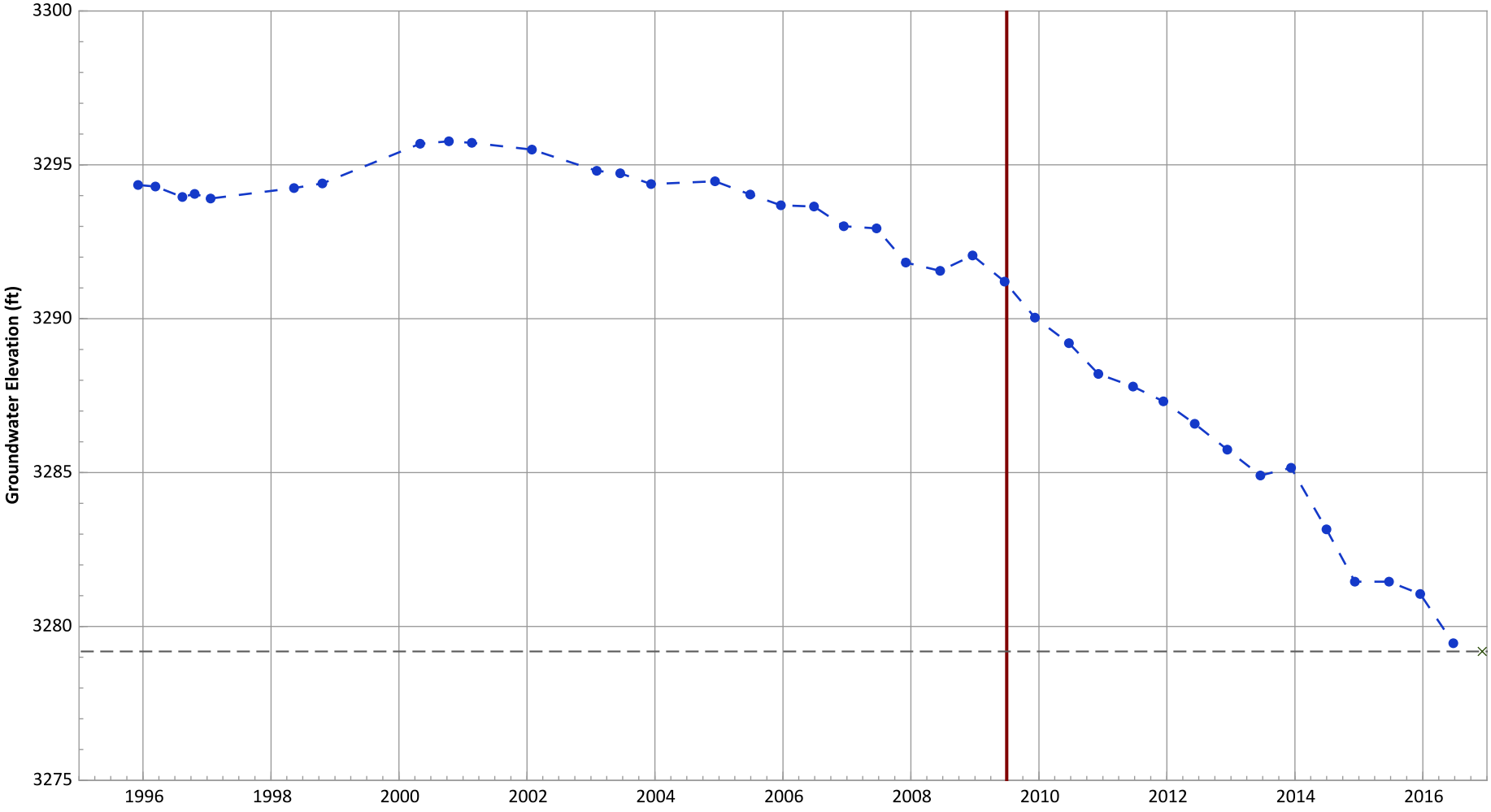
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: Increasing at 0.66 ft/yr

PTX06-1001A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

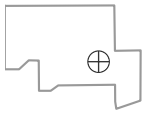


Notes:
1. Top of screen elevation is 3304.19 ft msl.
2. The bottom of screen elevation is 3279.19 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

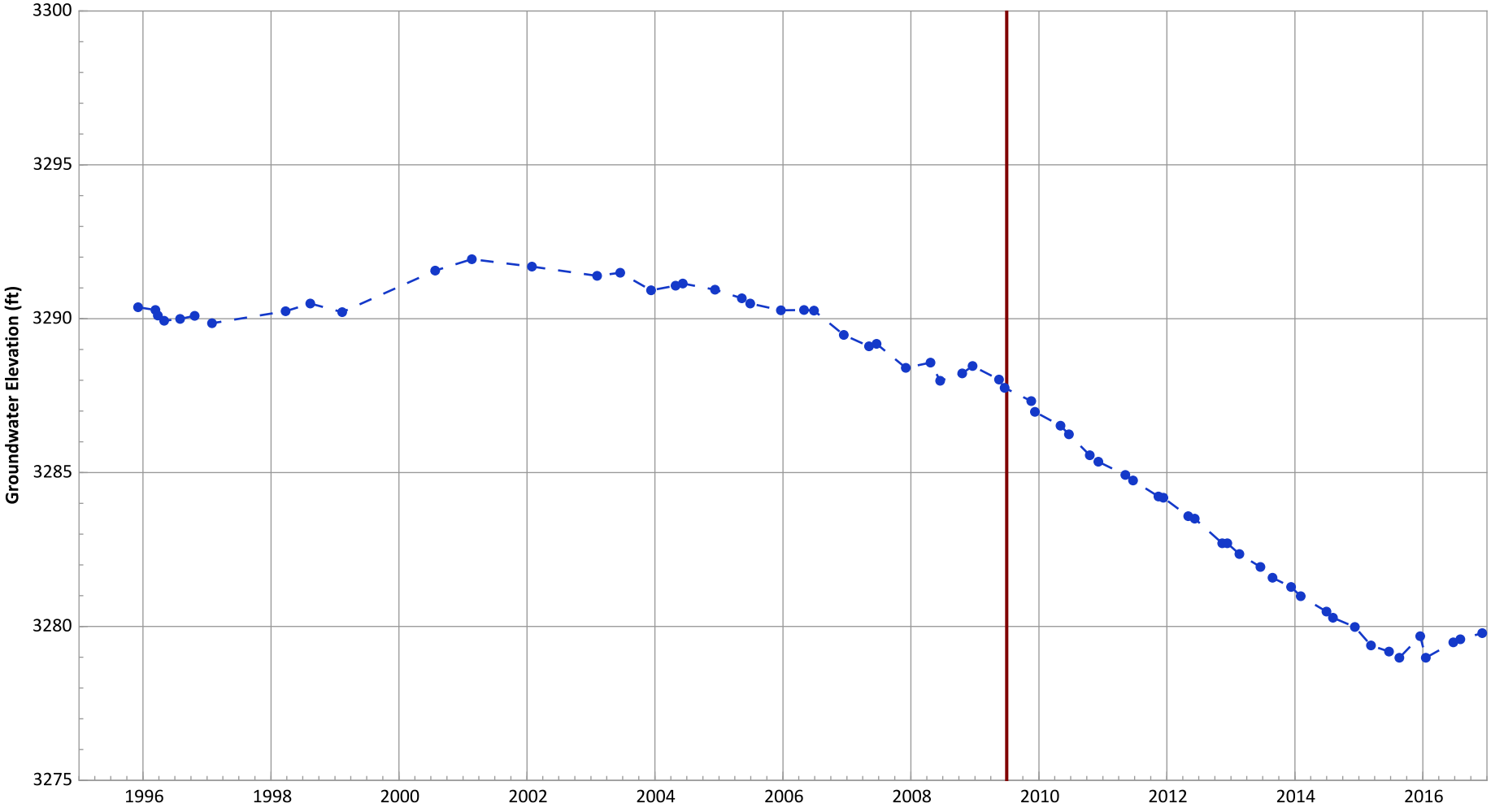
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.57 ft/yr
2014 - 2016 Data: Decreasing at 2.0 ft/yr

PTX06-1002A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

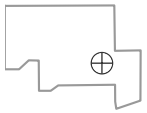


Notes:
1. Top of screen elevation is 3300.17 ft msl.
2. The bottom of screen elevation is 3270.67 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

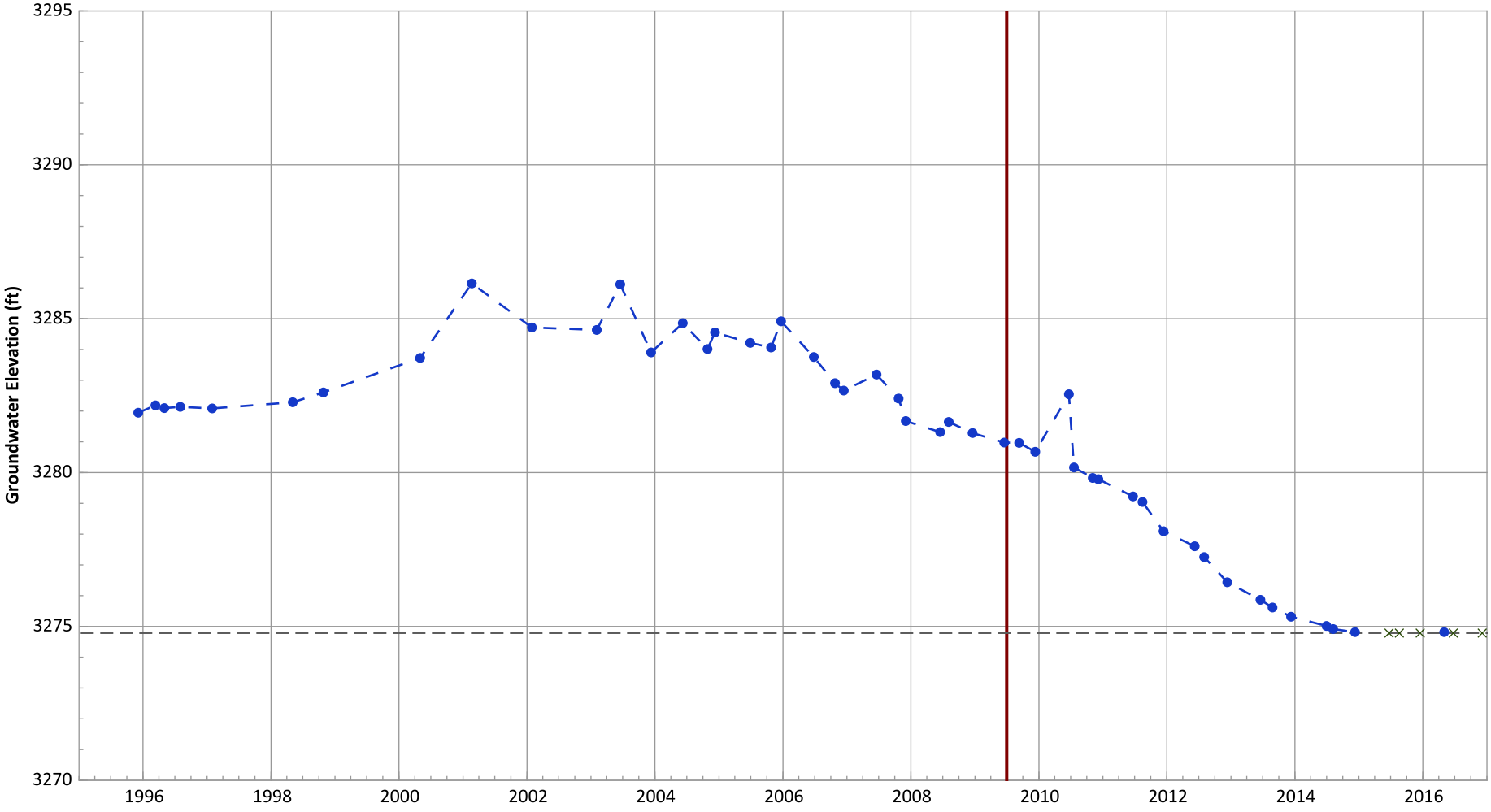
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.22 ft/yr
2014 - 2016 Data: Increasing at 0.3 ft/yr

PTX06-1003 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

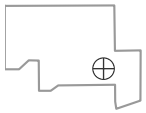


Notes:
1. Top of screen elevation is 3294.78 ft msl.
2. The bottom of screen elevation is 3274.78 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

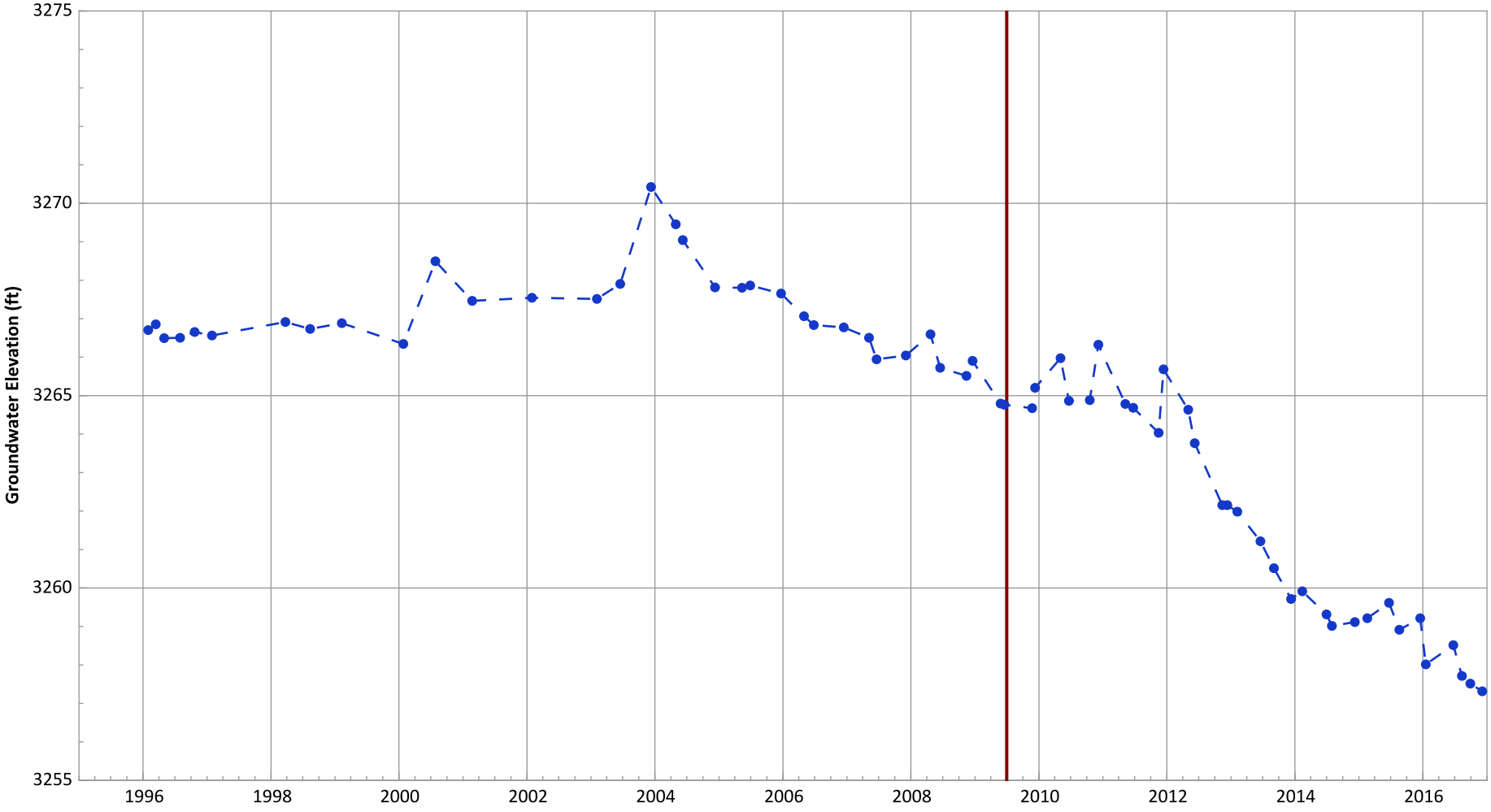
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.24 ft/yr
2014 - 2016 Data: No Trend

PTX06-1005 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

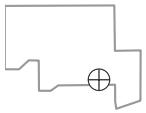


Notes:
1. Top of screen elevation is 3274.81 ft msl.
2. The bottom of screen elevation is 3244.81 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

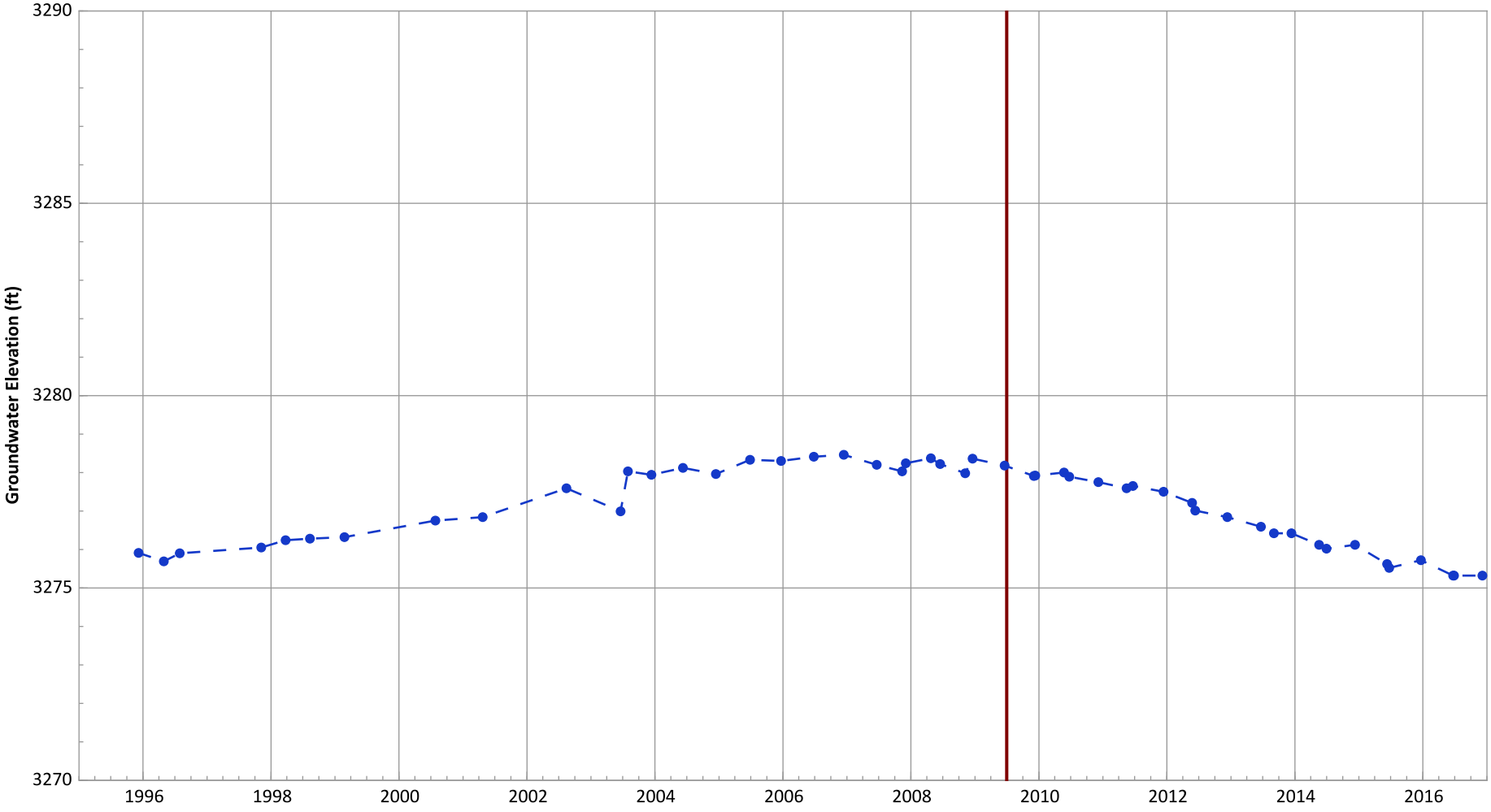
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.29 ft/yr
2014 - 2016 Data: Decreasing at 1.19 ft/yr

PTX06-1006 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



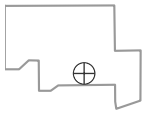
Notes:
1. Top of screen elevation is 3282.54 ft msl.
2. The bottom of screen elevation is 3252.54 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

Groundwater Elevation

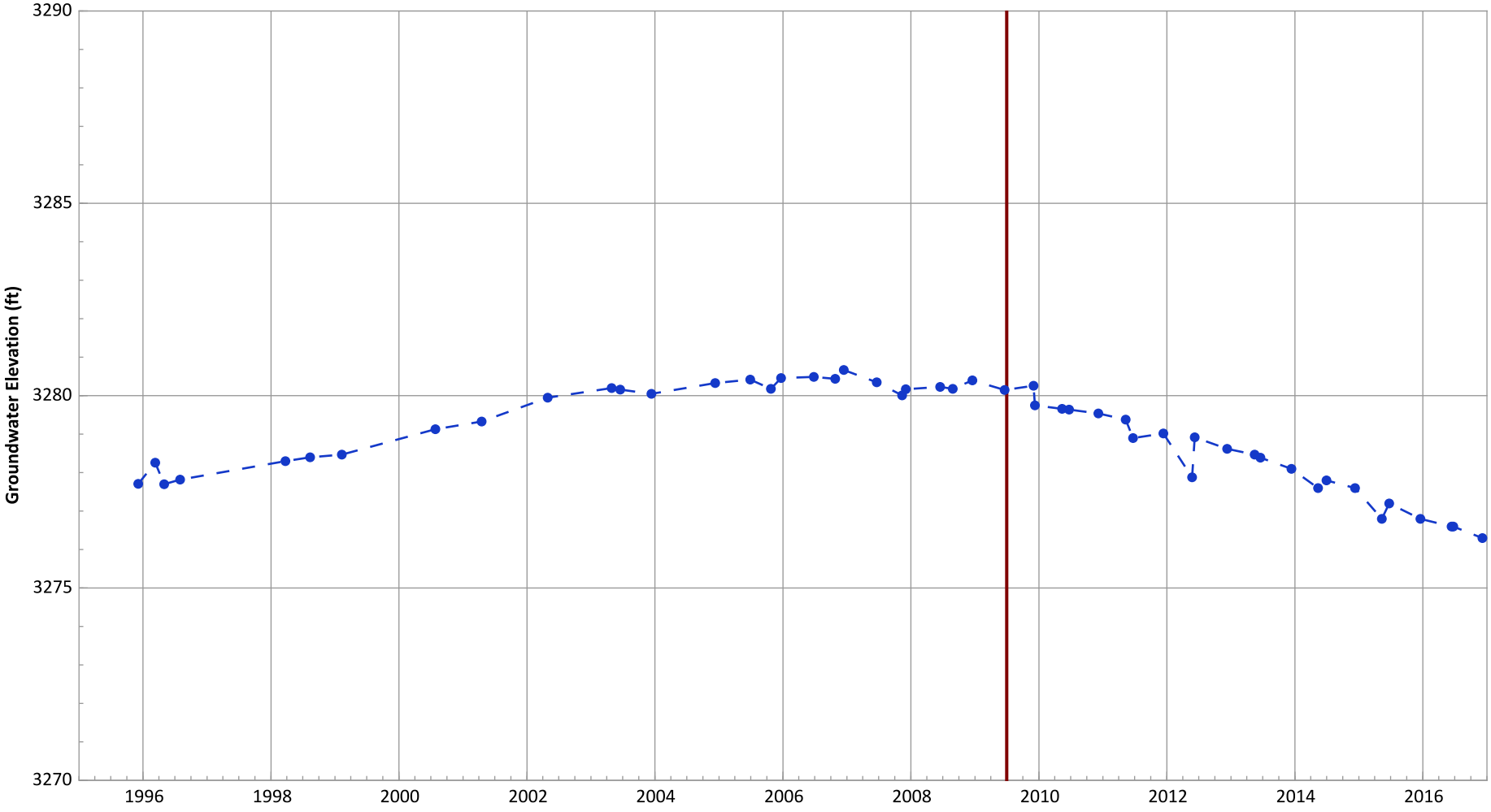
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.42 ft/yr
2014 - 2016 Data: Decreasing at 0.22 ft/yr

PTX06-1007 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

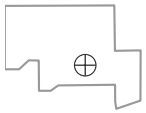


Notes:
1. Top of screen elevation is 3286.53 ft msl.
2. The bottom of screen elevation is 3256.53 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

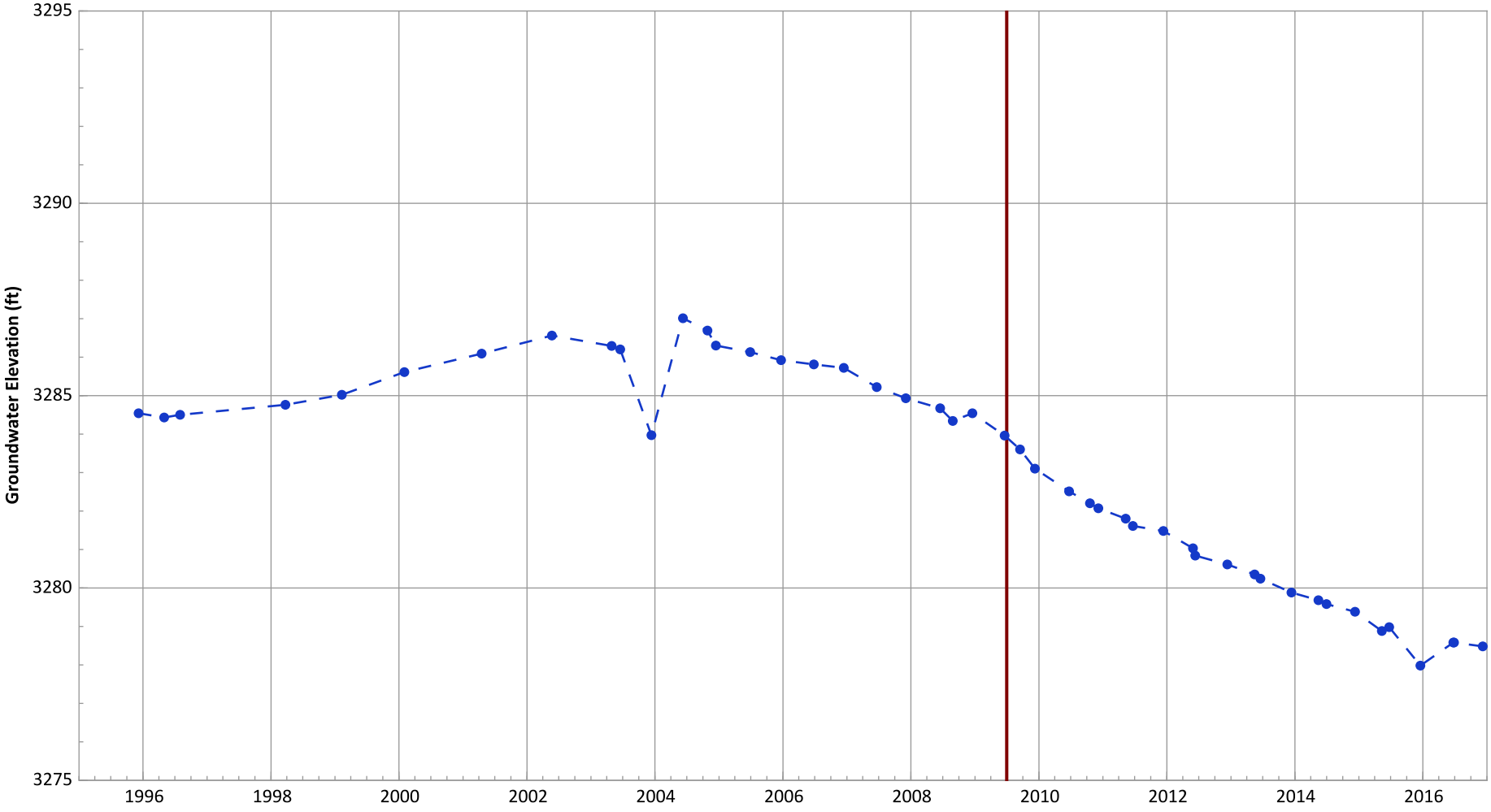
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.51 ft/yr
2014 - 2016 Data: Decreasing at 0.42 ft/yr

PTX06-1008 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

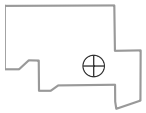


Notes:
1. Top of screen elevation is 3297.61 ft msl.
2. The bottom of screen elevation is 3272.61 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

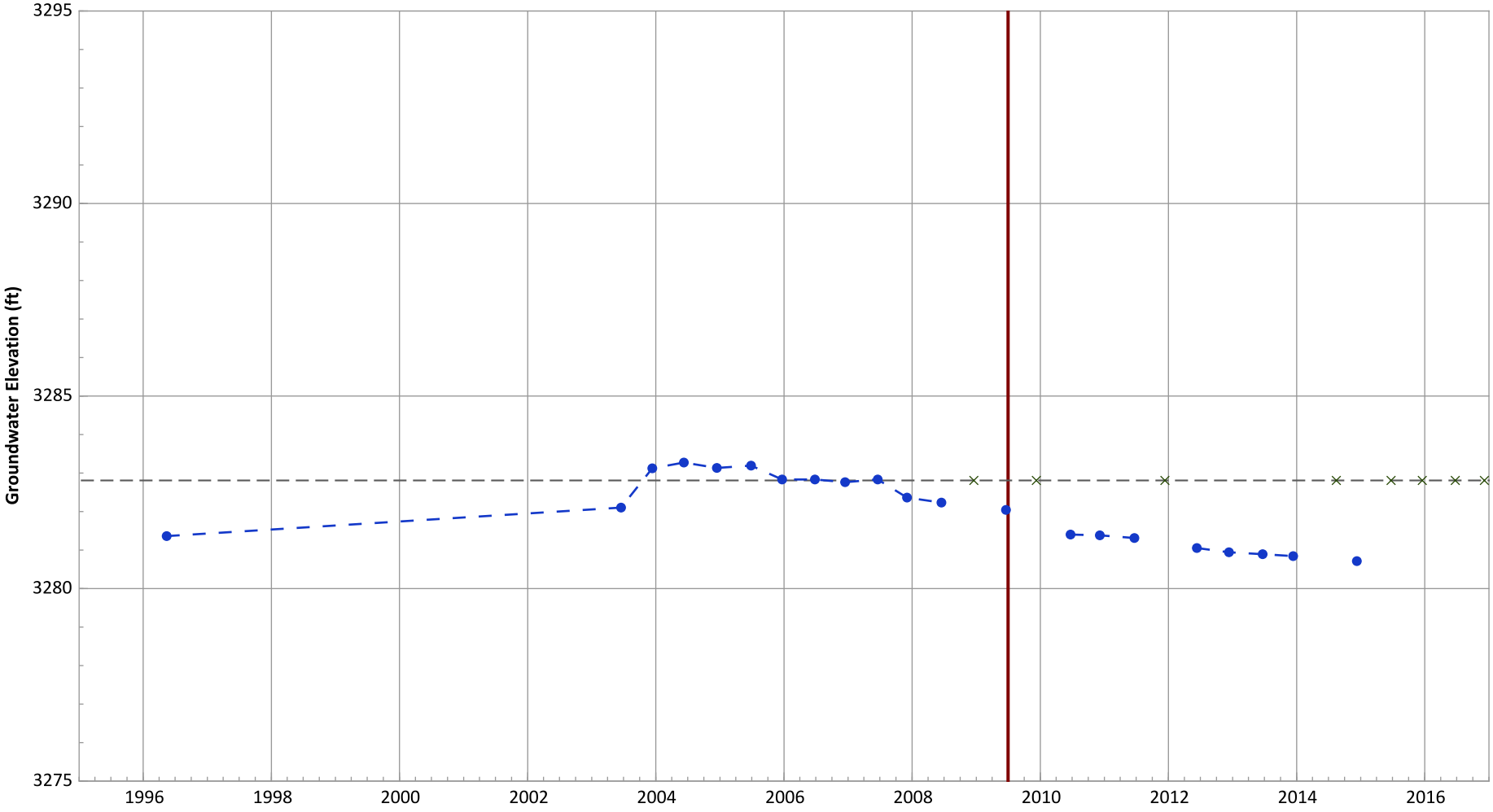
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.7 ft/yr
2014 - 2016 Data: Decreasing at 0.24 ft/yr

PTX06-1009 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

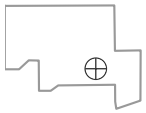


Notes:
1. Top of screen elevation is 3312.81 ft msl.
2. The bottom of screen elevation is 3282.81 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

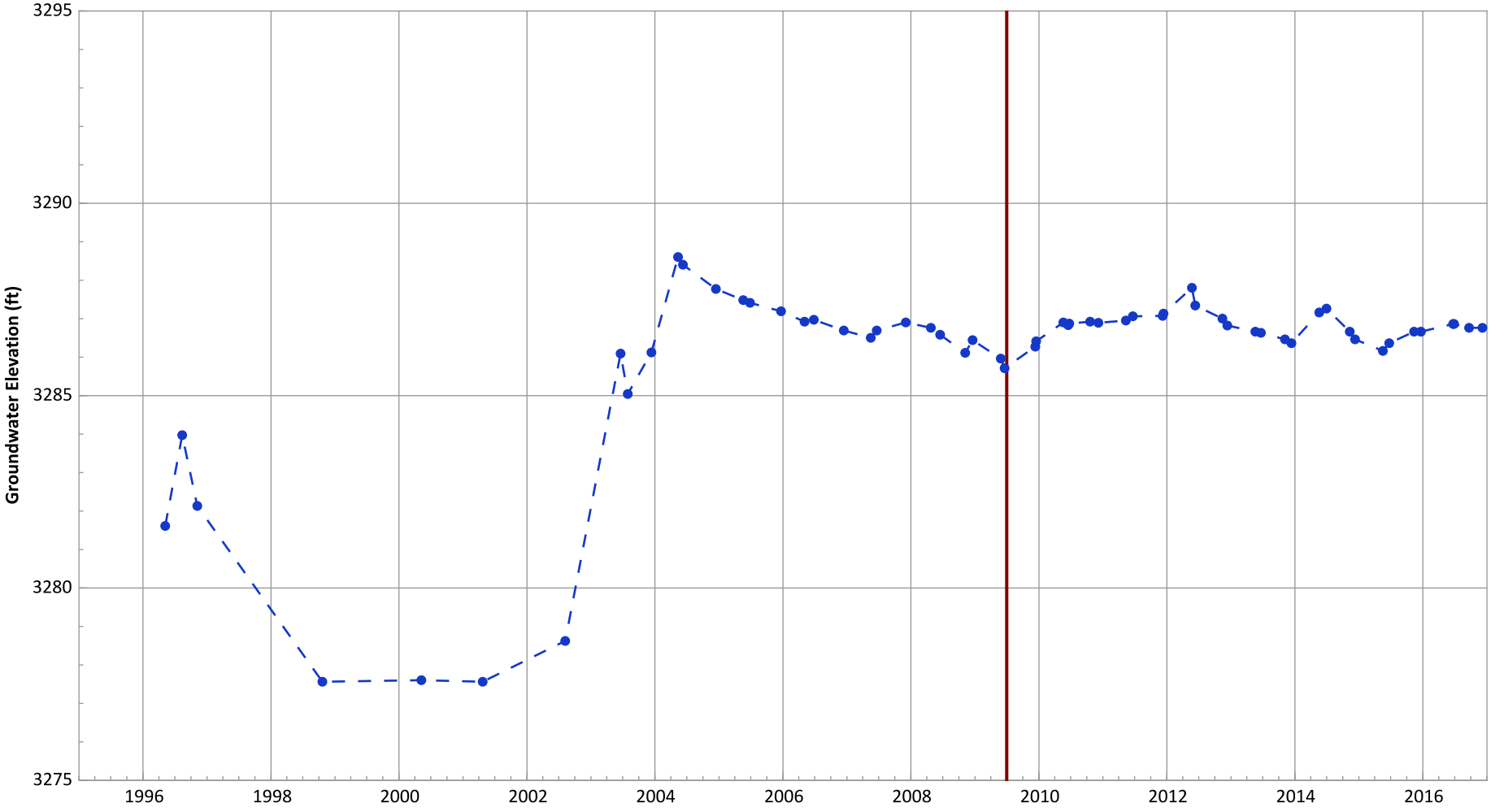
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.17 ft/yr
2014 - 2016 Data: N/A (No Measurements)

PTX06-1010 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

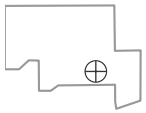


Notes:
1. Top of screen elevation is 3294.04 ft msl.
2. The bottom of screen elevation is 3264.04 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

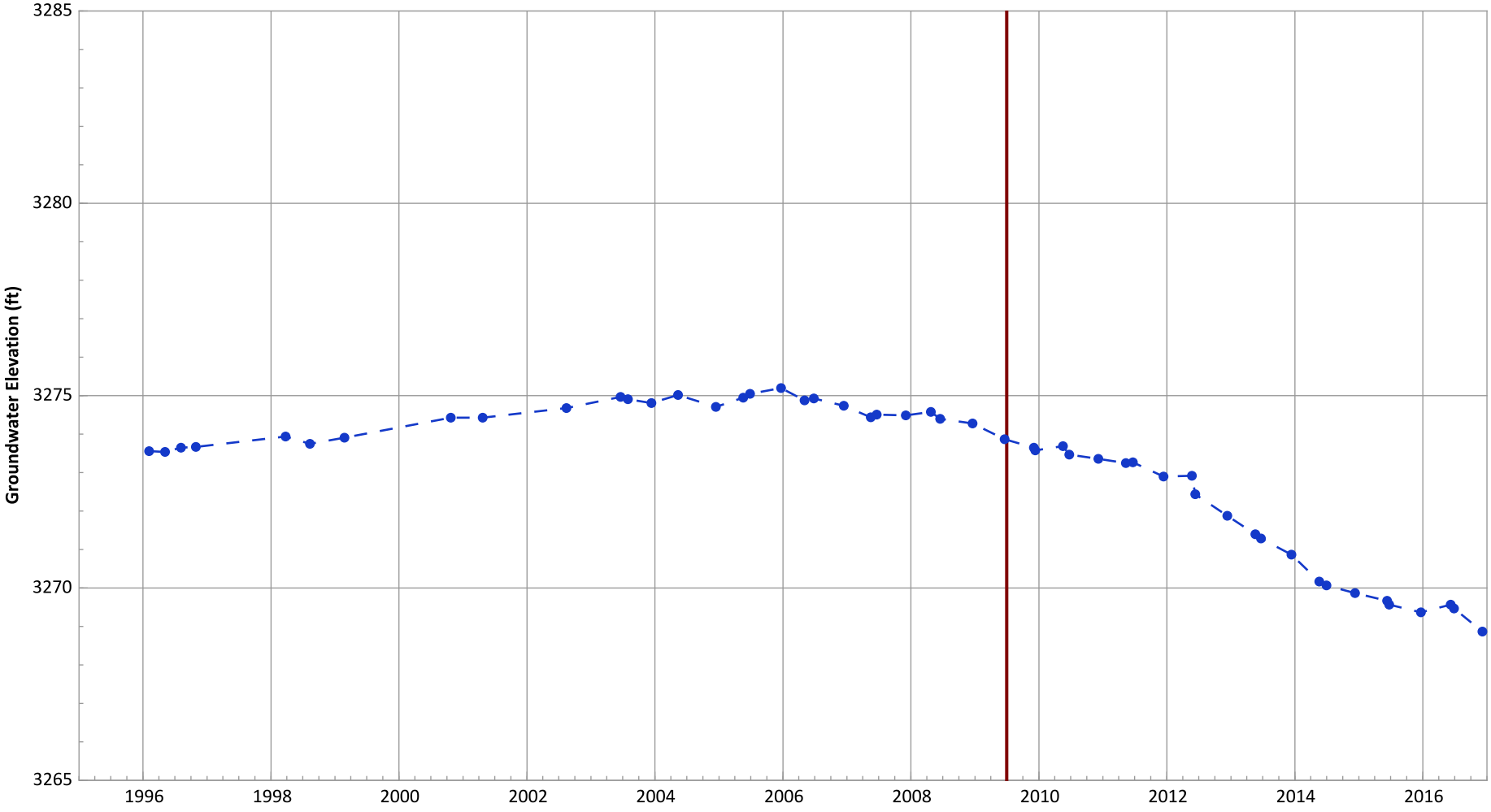
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: Increasing at 0.37 ft/yr

PTX06-1011 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

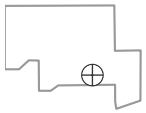


Notes:
1. Top of screen elevation is 3282.59 ft msl.
2. The bottom of screen elevation is 3252.59 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

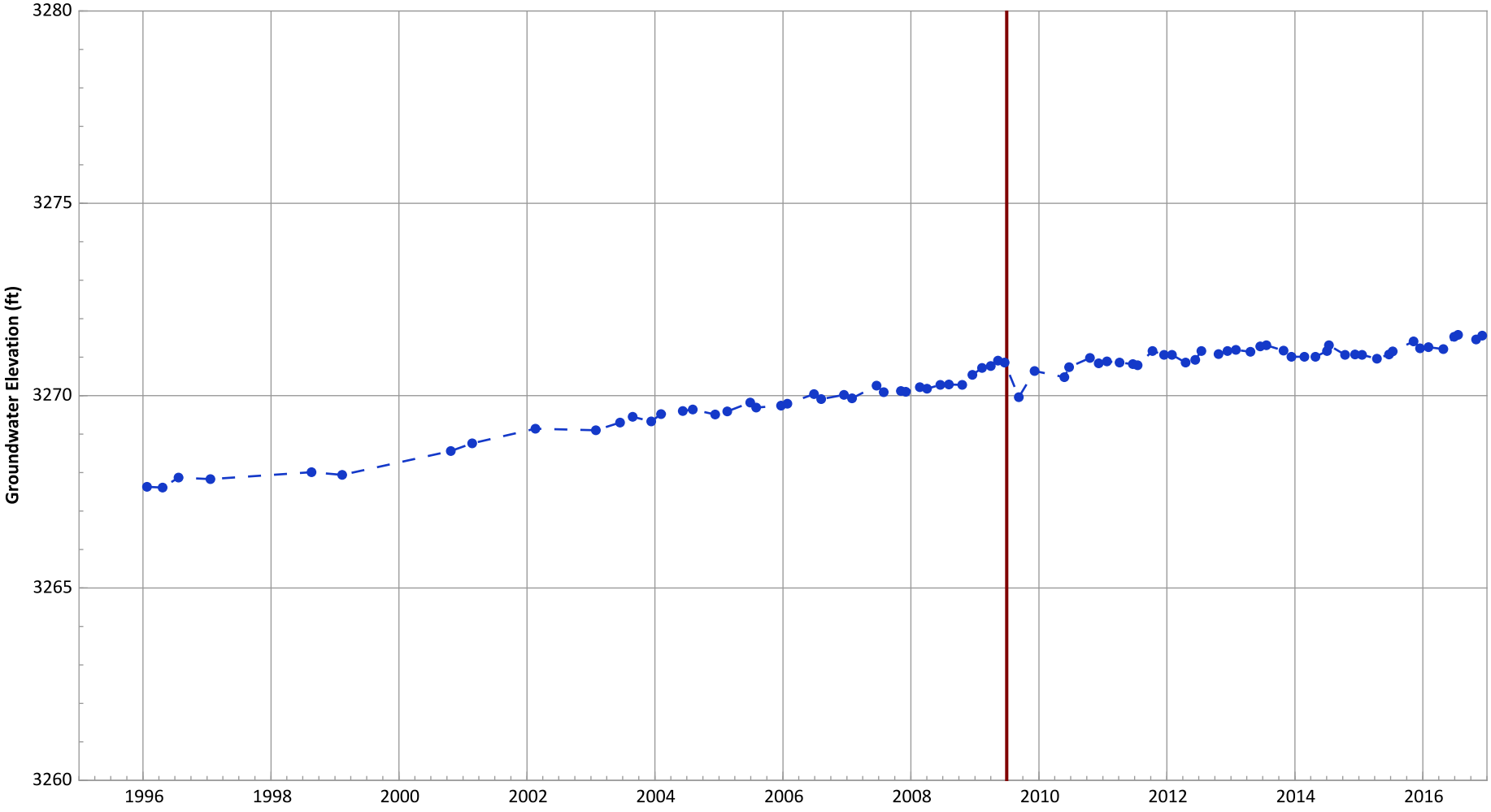
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.75 ft/yr
2014 - 2016 Data: Decreasing at 0.36 ft/yr

PTX06-1012 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

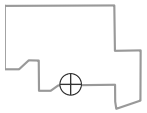


Notes:
1. Top of screen elevation is 3276.19 ft msl.
2. The bottom of screen elevation is 3256.19 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

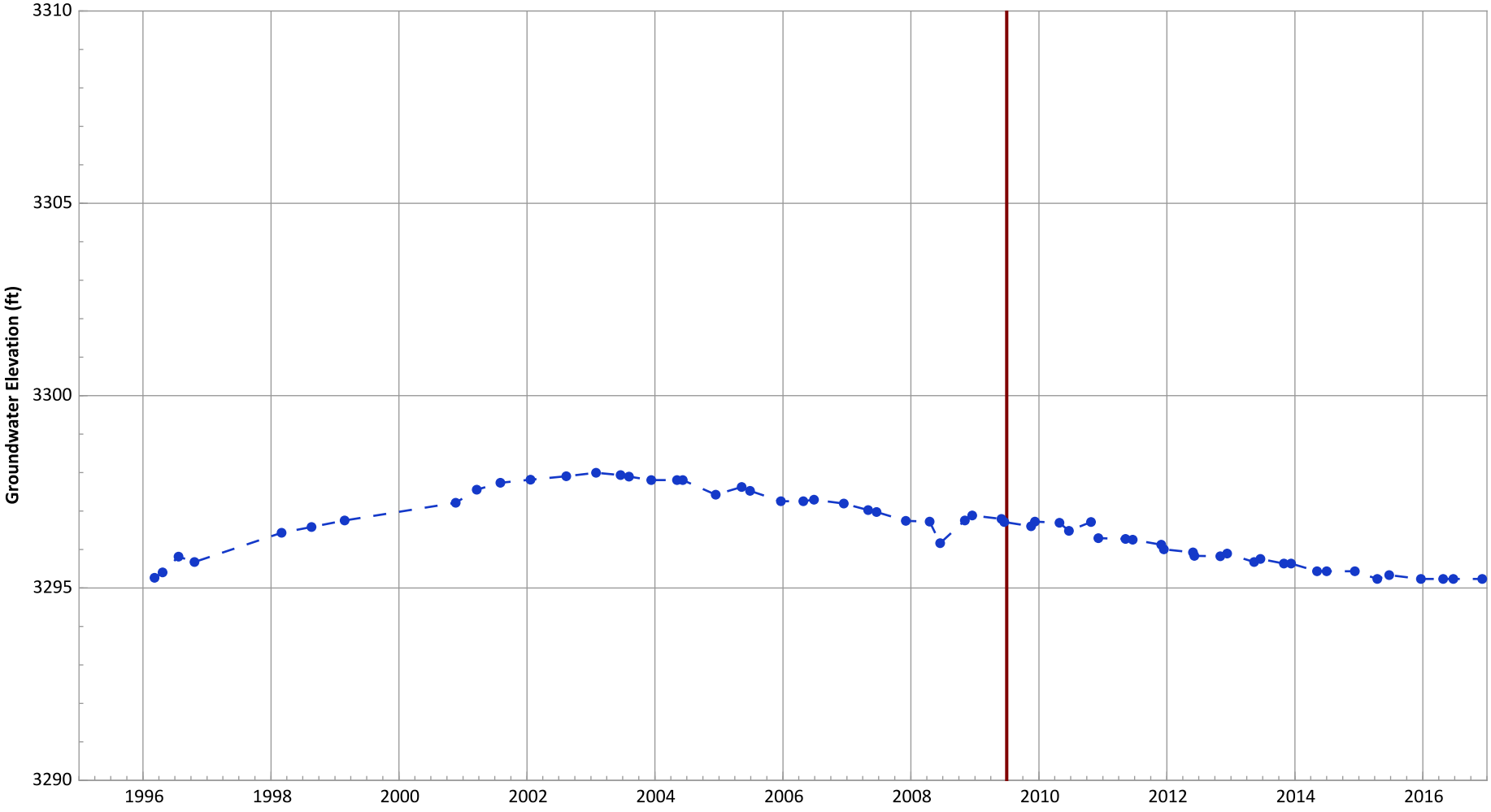
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.11 ft/yr
2014 - 2016 Data: Increasing at 0.31 ft/yr

PTX06-1013 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

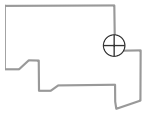


Notes:
1. Top of screen elevation is 3306.24 ft msl.
2. The bottom of screen elevation is 3286.24 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

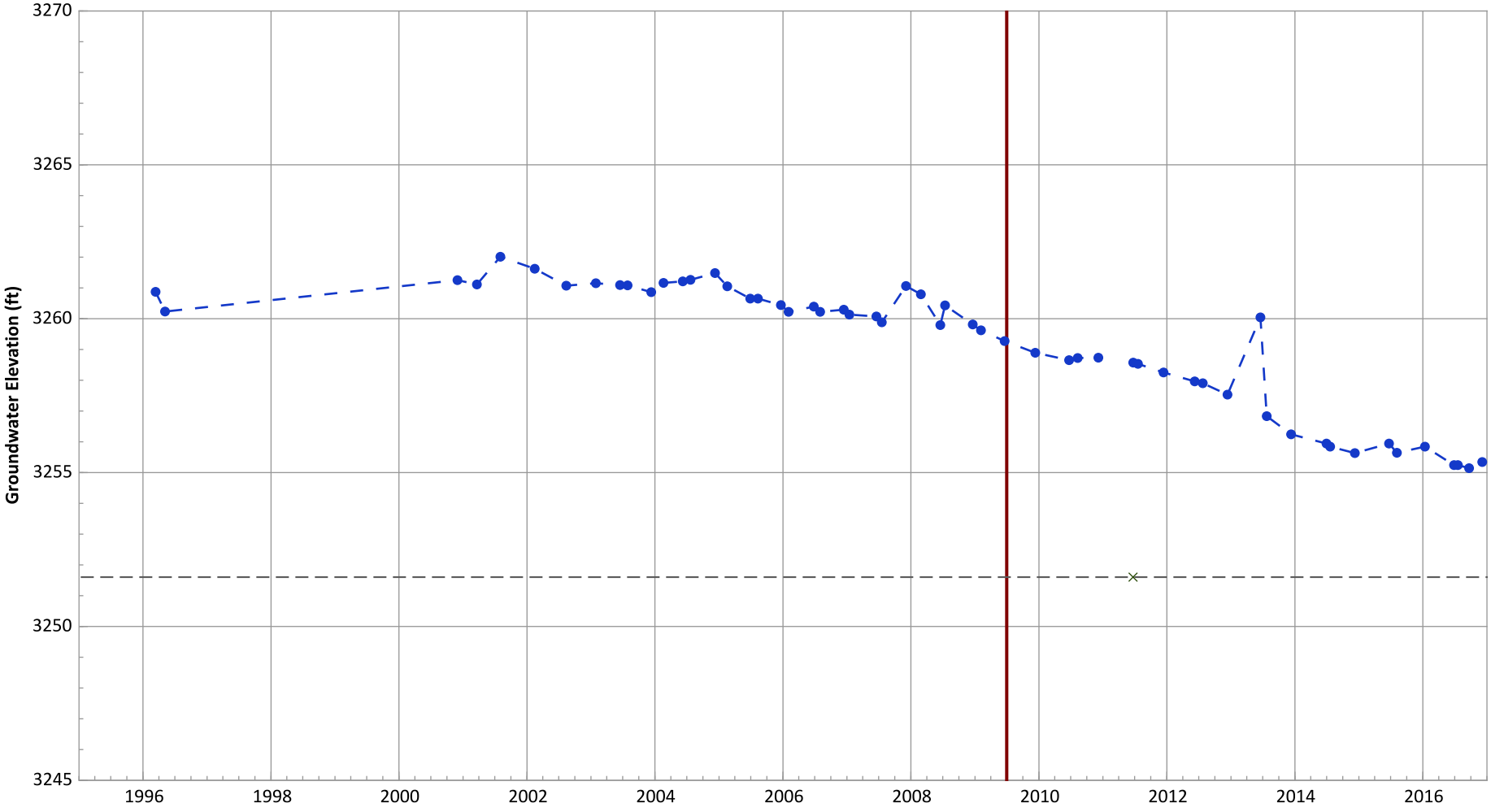
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.23 ft/yr
2014 - 2016 Data: No Trend

PTX06-1014 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

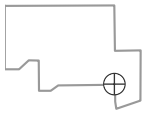


Notes:
1. Top of screen elevation is 3271.6 ft msl.
2. The bottom of screen elevation is 3251.6 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

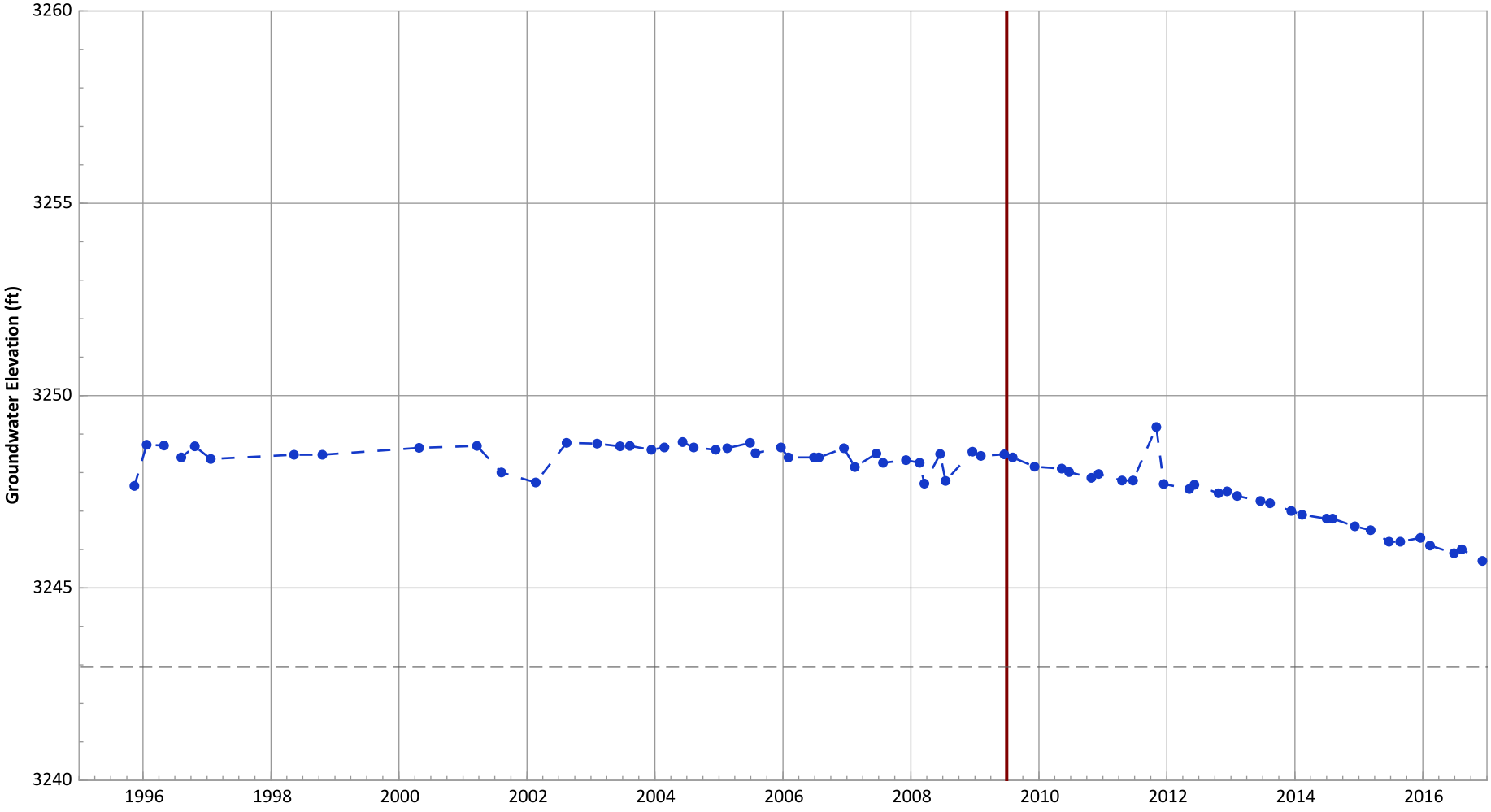
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.61 ft/yr
2014 - 2016 Data: Decreasing at 0.48 ft/yr

PTX06-1015 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

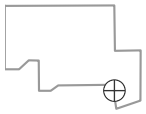


Notes:
1. Top of screen elevation is 3252.95 ft msl.
2. The bottom of screen elevation is 3242.95 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

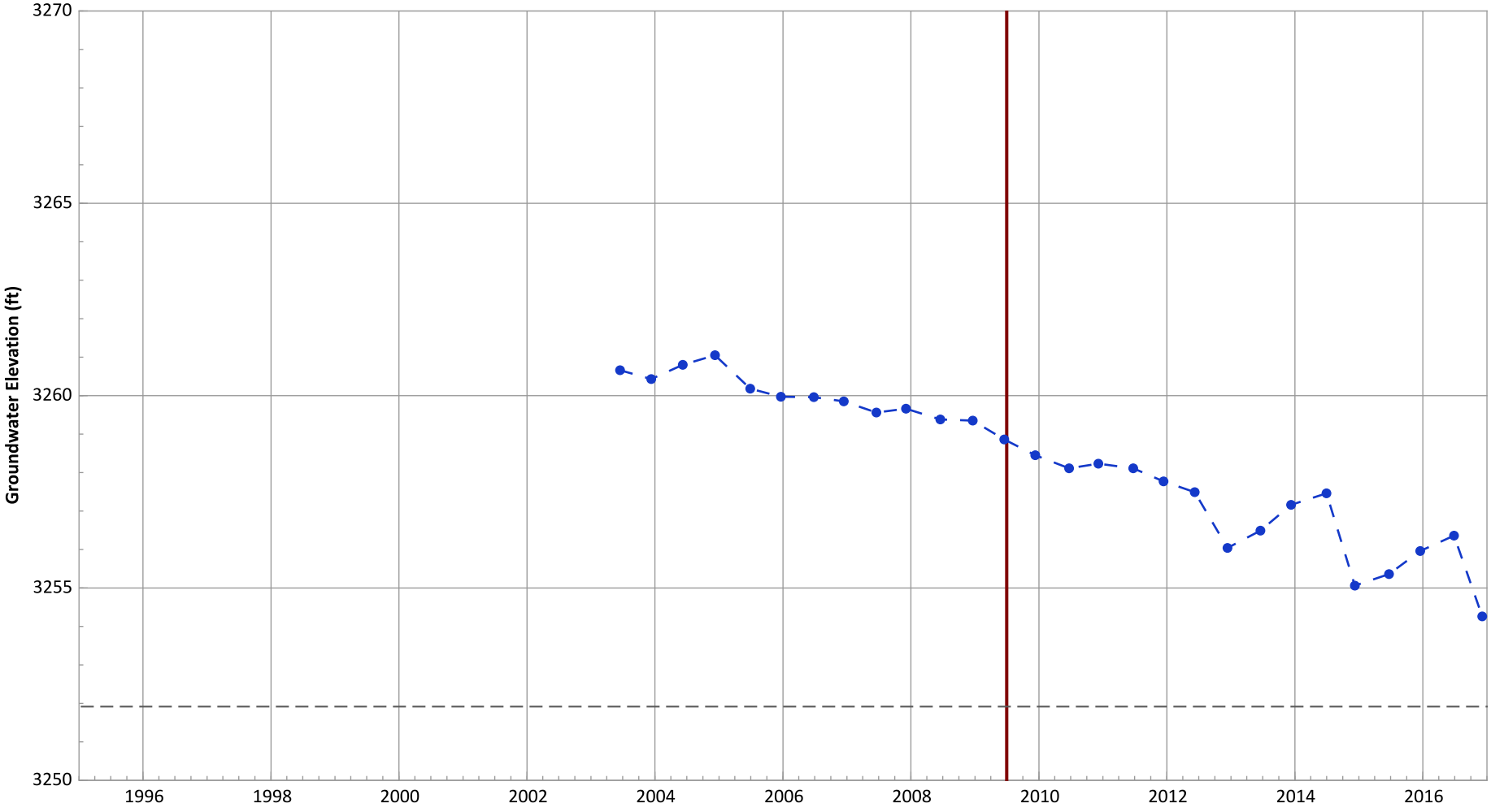
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.37 ft/yr
2014 - 2016 Data: Decreasing at 0.38 ft/yr

PTX06-1017 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

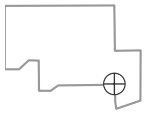


Notes:
1. Top of screen elevation is 3271.92 ft msl.
2. The bottom of screen elevation is 3251.92 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

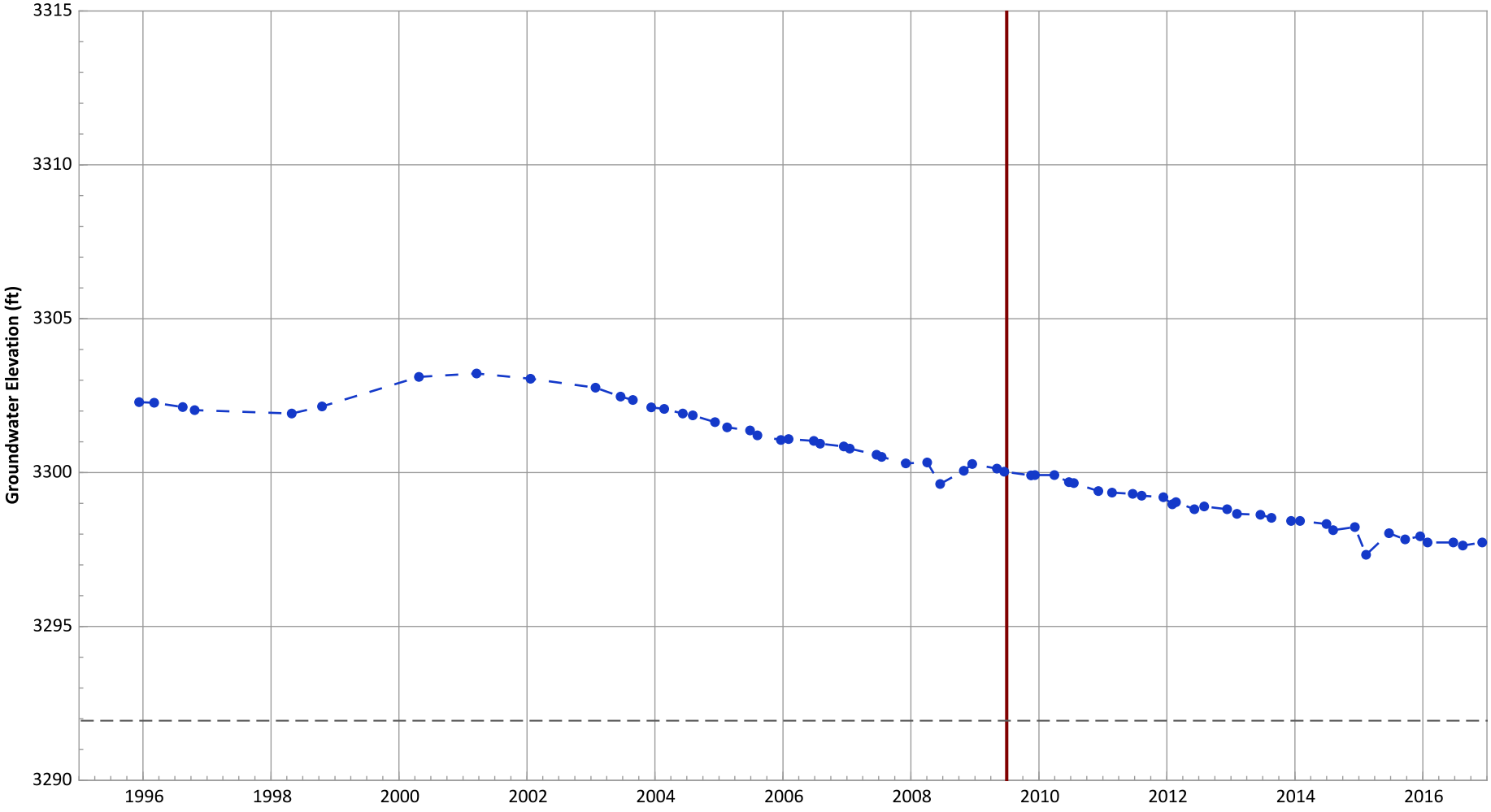
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.49 ft/yr
2014 - 2016 Data: Decreasing at 0.55 ft/yr

PTX06-1023 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

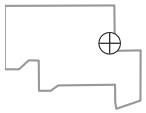


Notes:
1. Top of screen elevation is 3306.94 ft msl.
2. The bottom of screen elevation is 3291.94 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

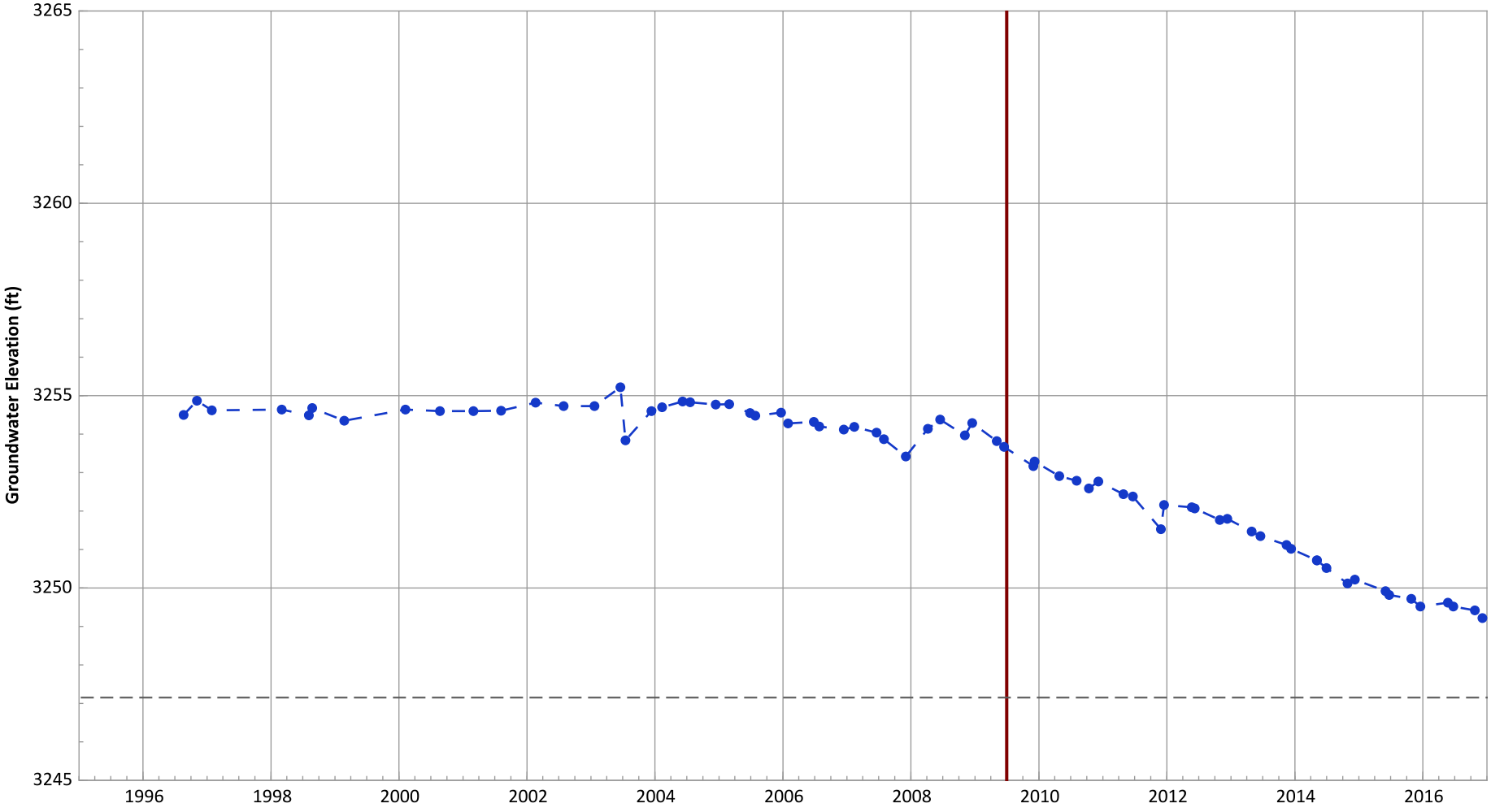
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.34 ft/yr
2014 - 2016 Data: No Trend

PTX06-1030 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

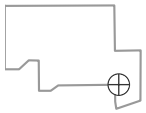


Notes:
1. Top of screen elevation is 3267.15 ft msl.
2. The bottom of screen elevation is 3247.15 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

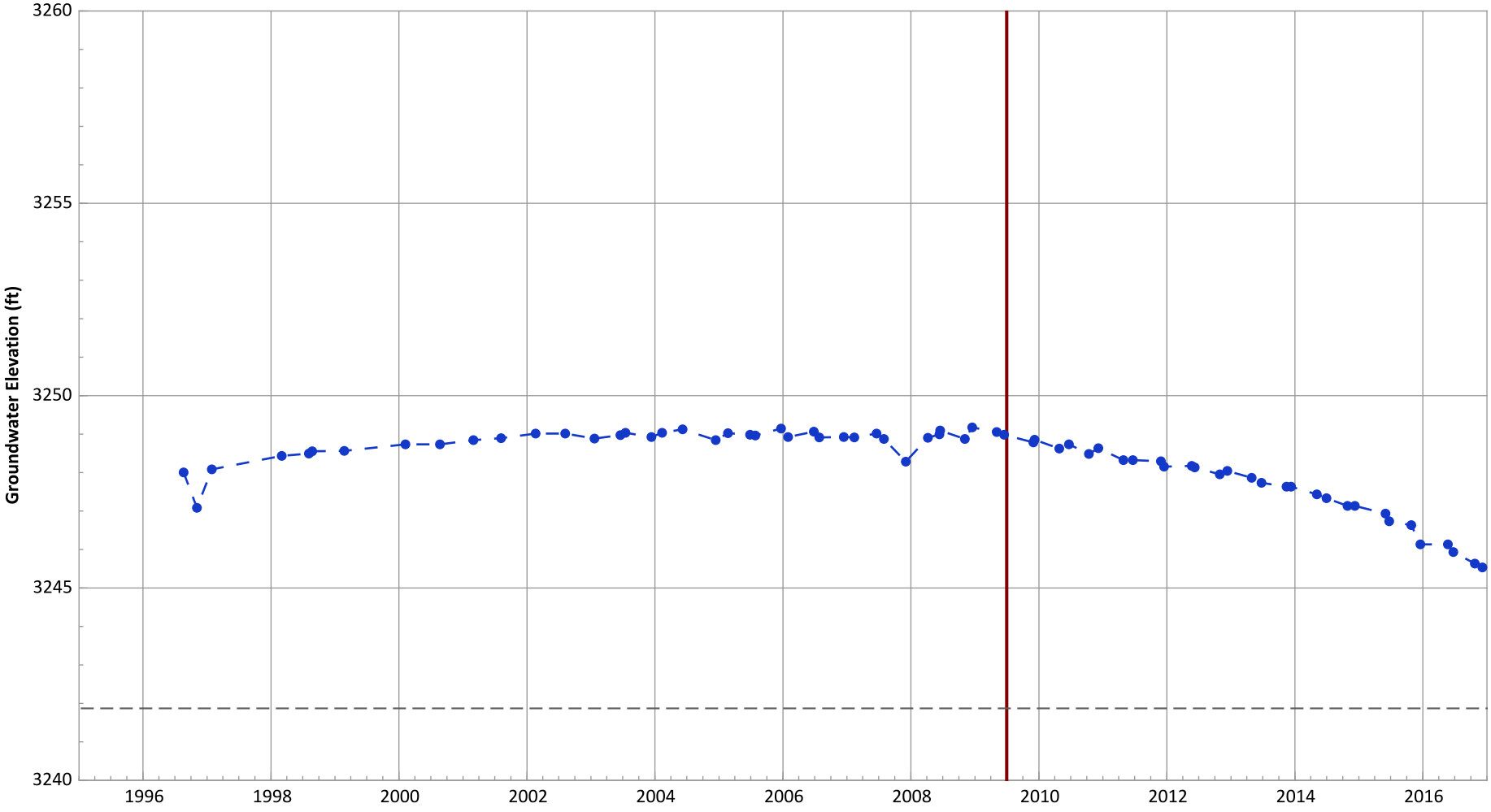
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.58 ft/yr
2014 - 2016 Data: Decreasing at 0.36 ft/yr

PTX06-1031 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

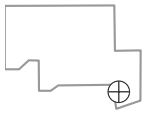


Notes:
1. Top of screen elevation is 3261.87 ft msl.
2. The bottom of screen elevation is 3241.87 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

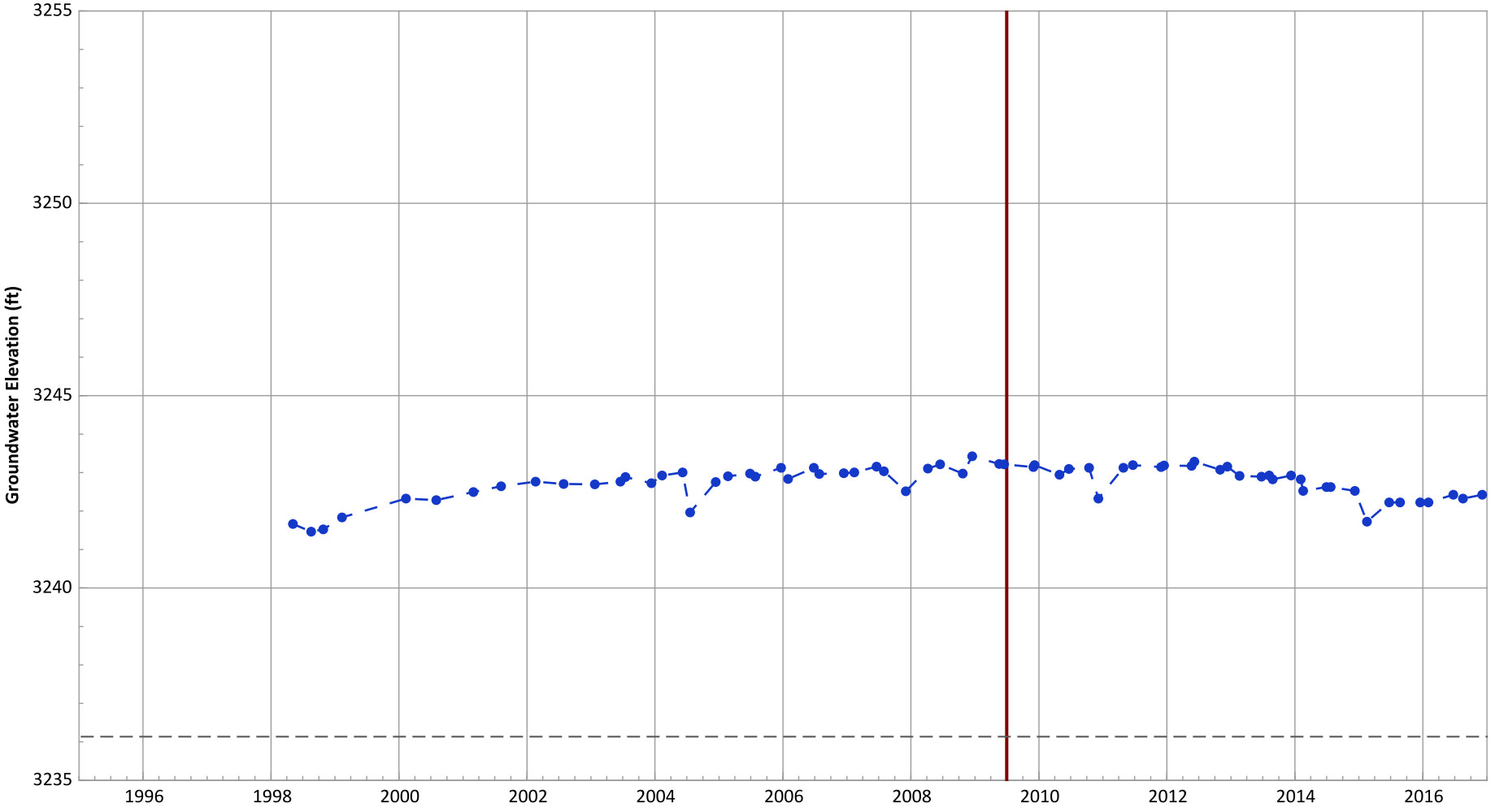
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.43 ft/yr
2014 - 2016 Data: Decreasing at 0.86 ft/yr

PTX06-1034 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

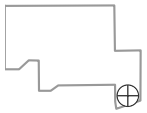


Notes:
1. Top of screen elevation is 3249.84 ft msl.
2. The bottom of screen elevation is 3236.14 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

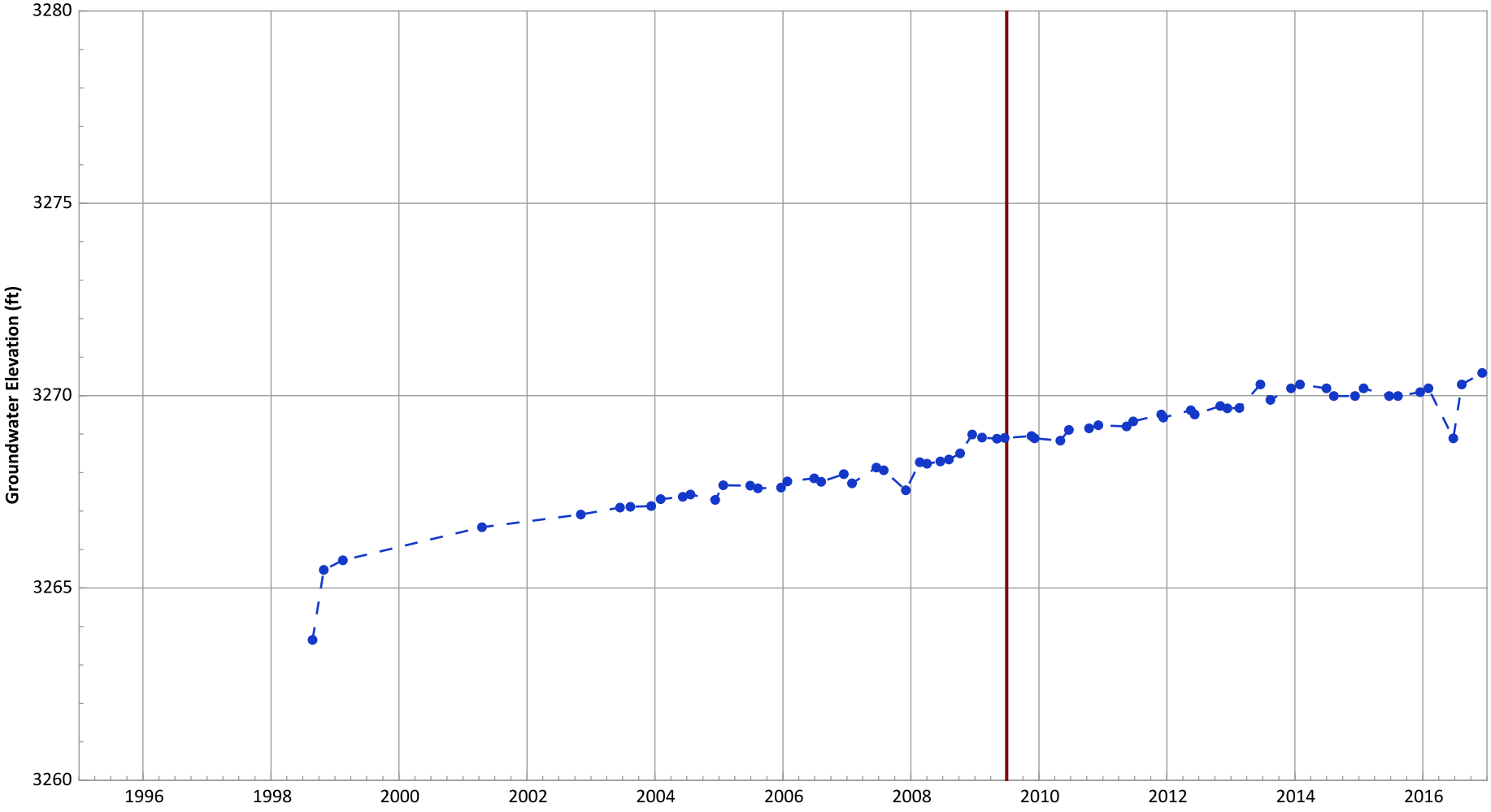
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.14 ft/yr
2014 - 2016 Data: Increasing at 0.29 ft/yr

PTX06-1035 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

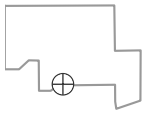


Notes:
1. Top of screen elevation is 3269.88 ft msl.
2. The bottom of screen elevation is 3256.18 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

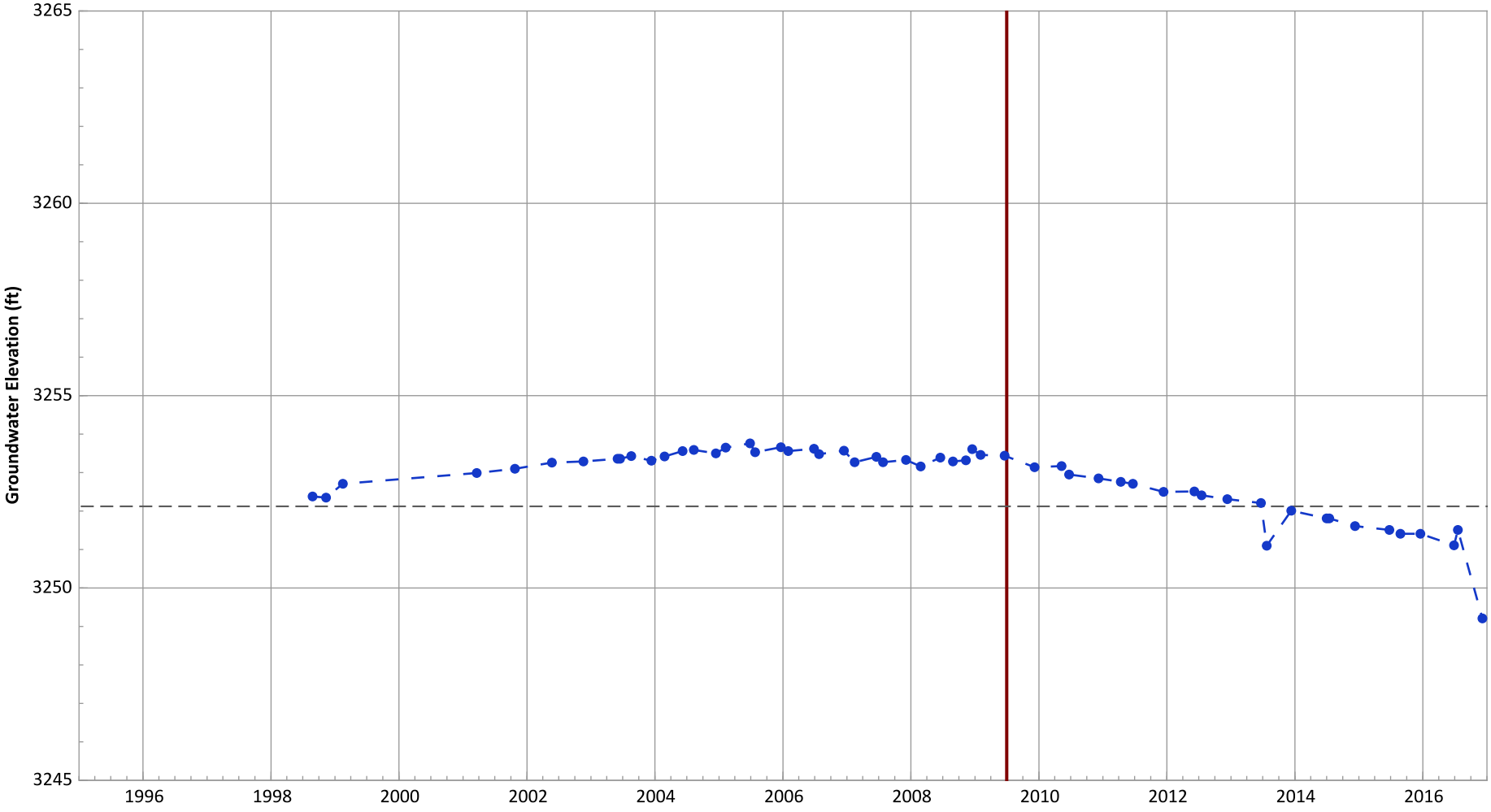
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.18 ft/yr
2014 - 2016 Data: No Trend

PTX06-1036 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

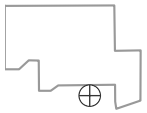


Notes:
1. Top of screen elevation is 3265.72 ft msl.
2. The bottom of screen elevation is 3252.12 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

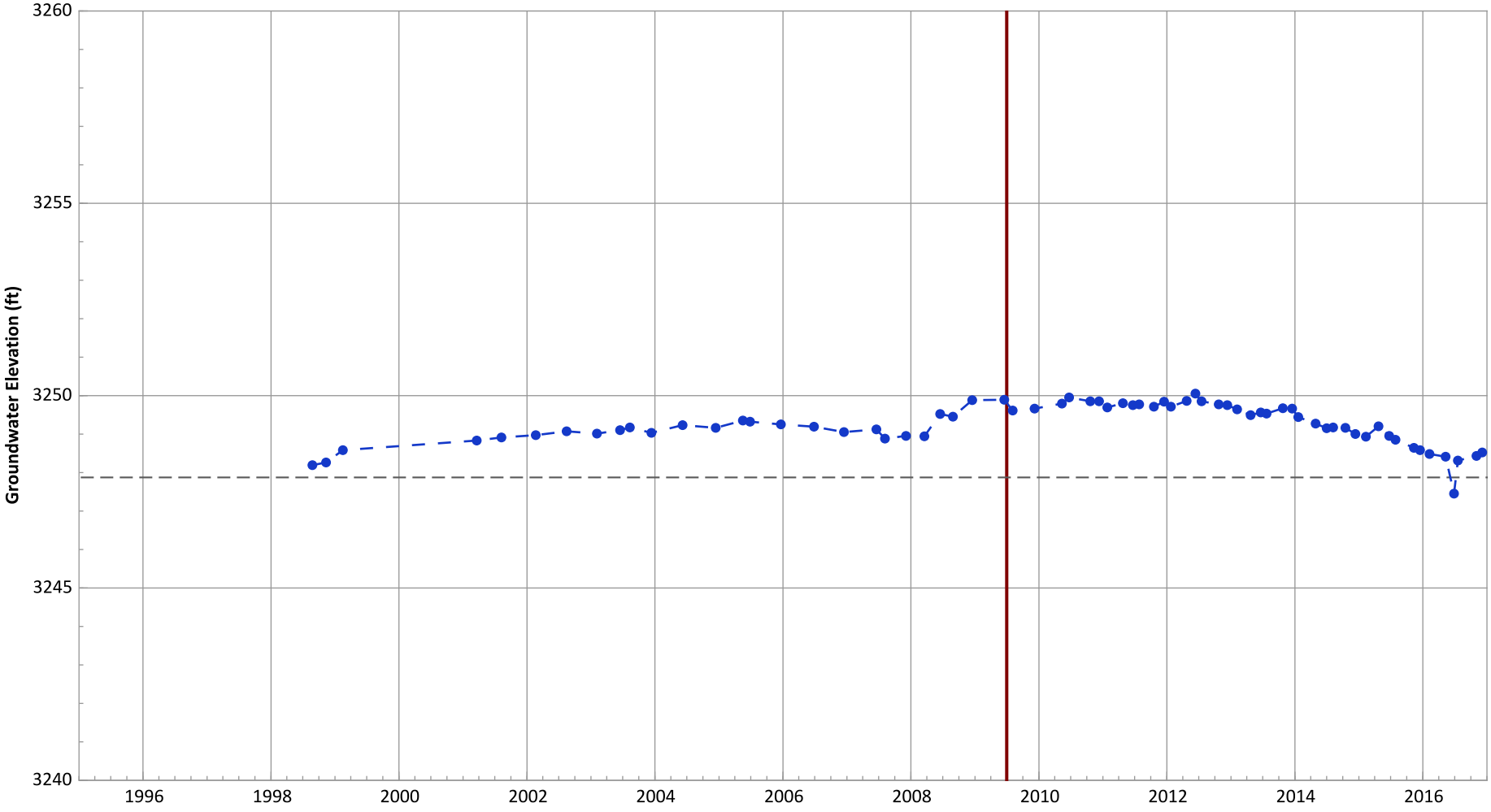
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.36 ft/yr
2014 - 2016 Data: Decreasing at 1.11 ft/yr

PTX06-1037 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

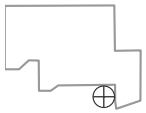


Notes:
1. Top of screen elevation is 3261.47 ft msl.
2. The bottom of screen elevation is 3247.87 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

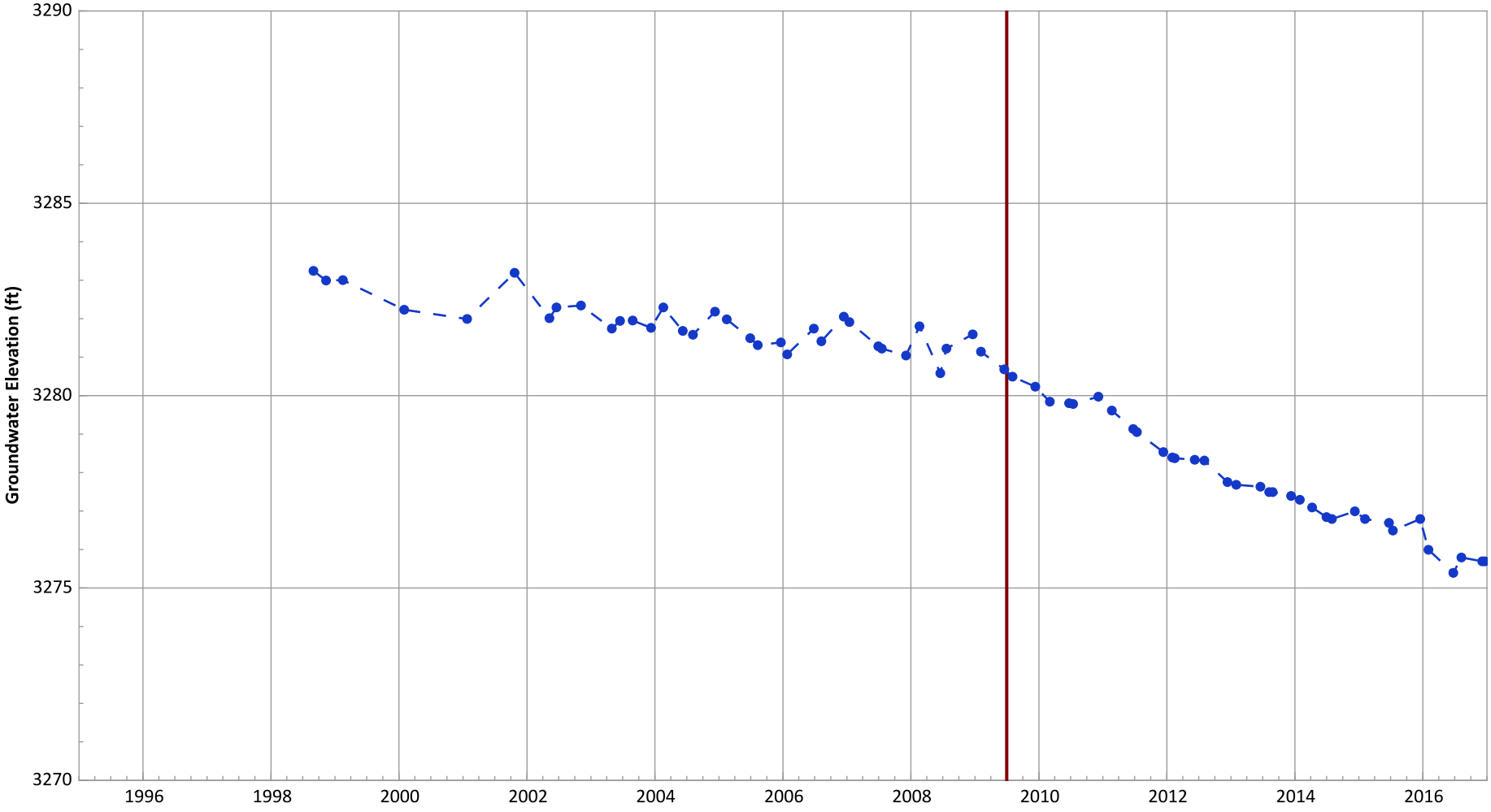
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.24 ft/yr
2014 - 2016 Data: Decreasing at 0.5 ft/yr

PTX06-1038 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

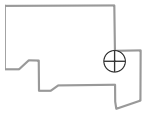


Notes:
1. Top of screen elevation is 3284.33 ft msl.
2. The bottom of screen elevation is 3260.73 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

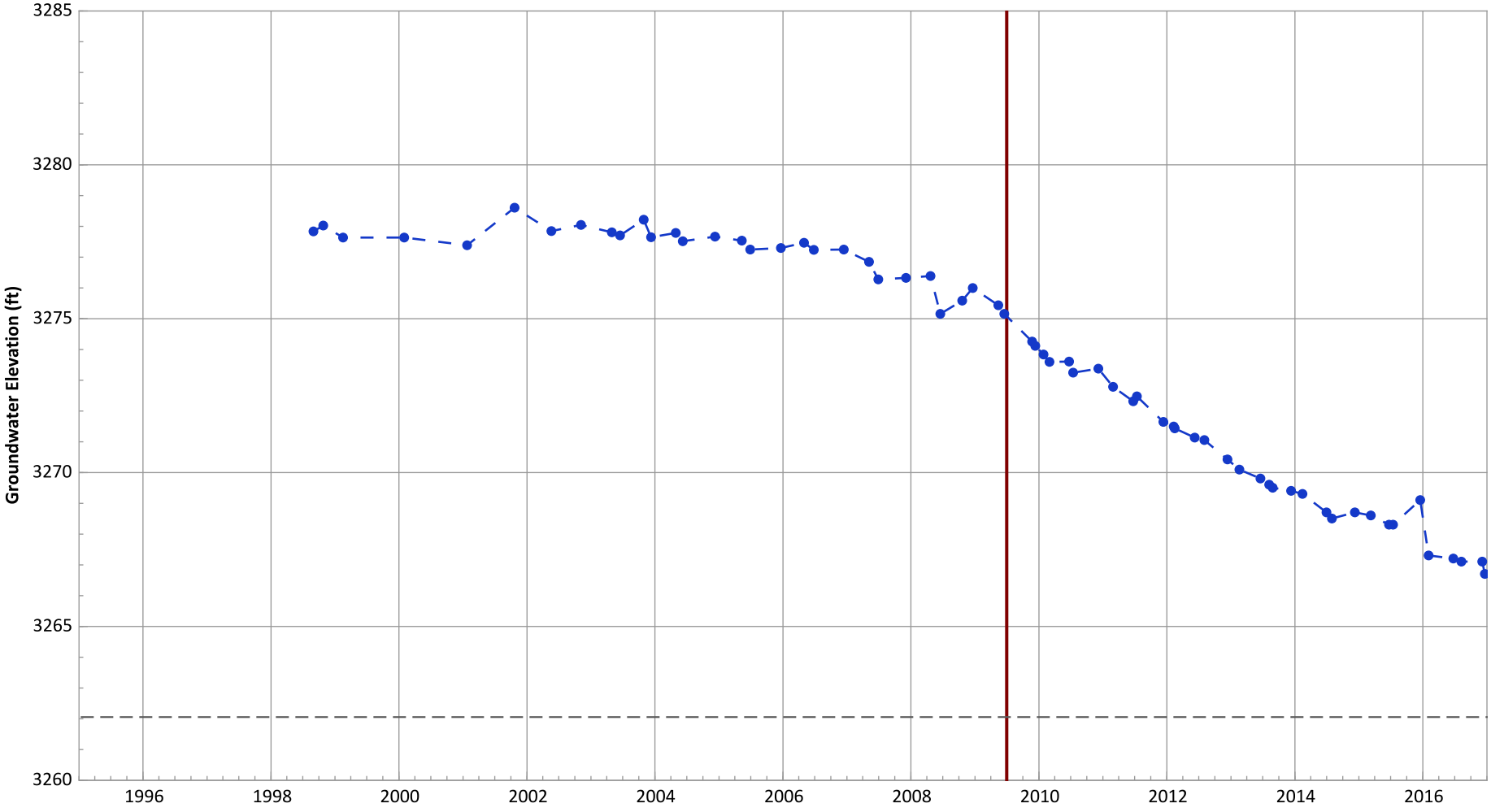
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.65 ft/yr
2014 - 2016 Data: Decreasing at 0.7 ft/yr

PTX06-1039A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

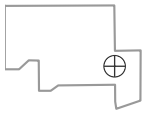


Notes:
1. Top of screen elevation is 3285.76 ft msl.
2. The bottom of screen elevation is 3262.05 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

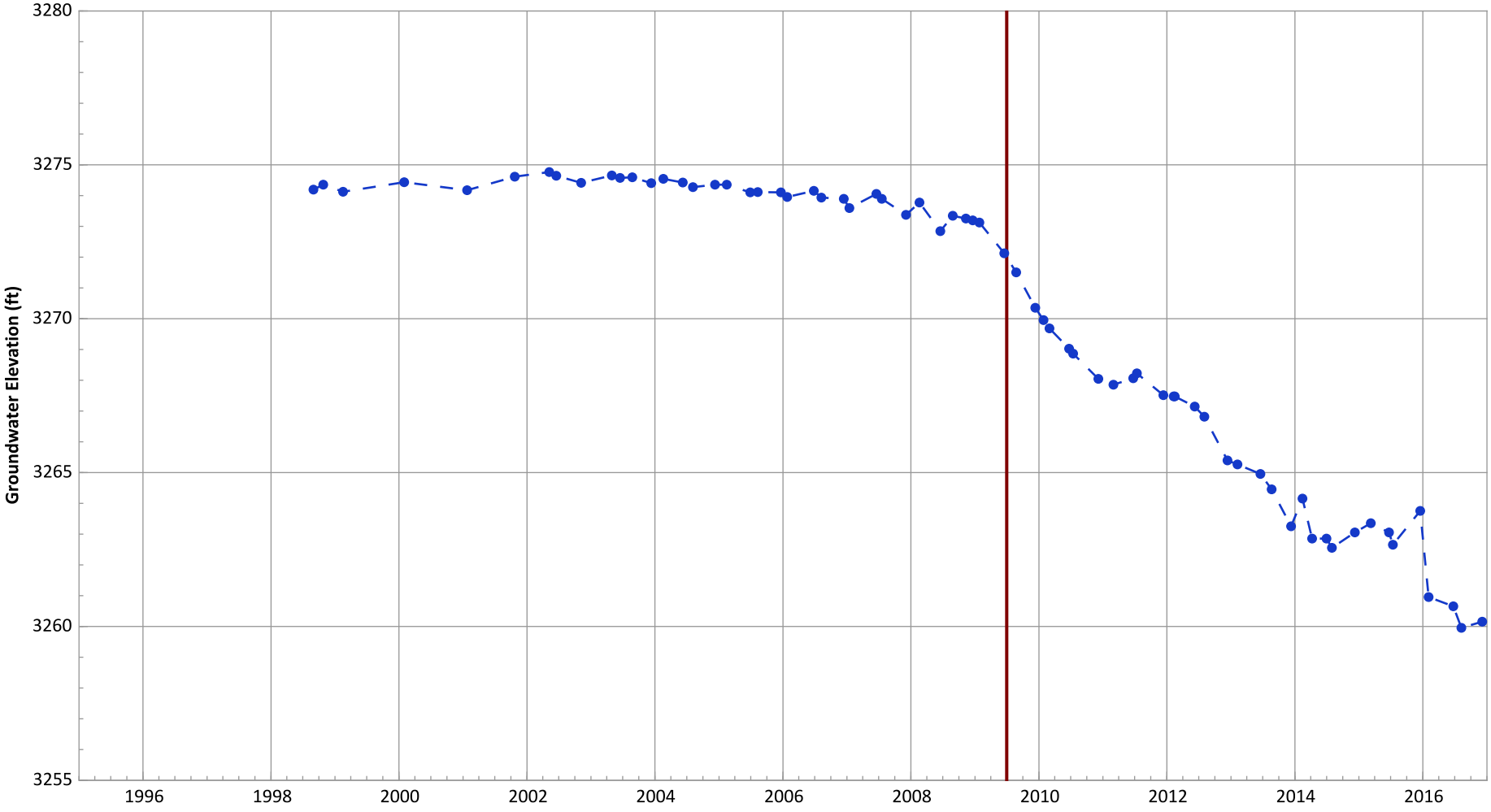
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.03 ft/yr
2014 - 2016 Data: Decreasing at 1.06 ft/yr

PTX06-1040 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

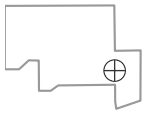


Notes:
1. Top of screen elevation is 3295.32 ft msl.
2. The bottom of screen elevation is 3254.52 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

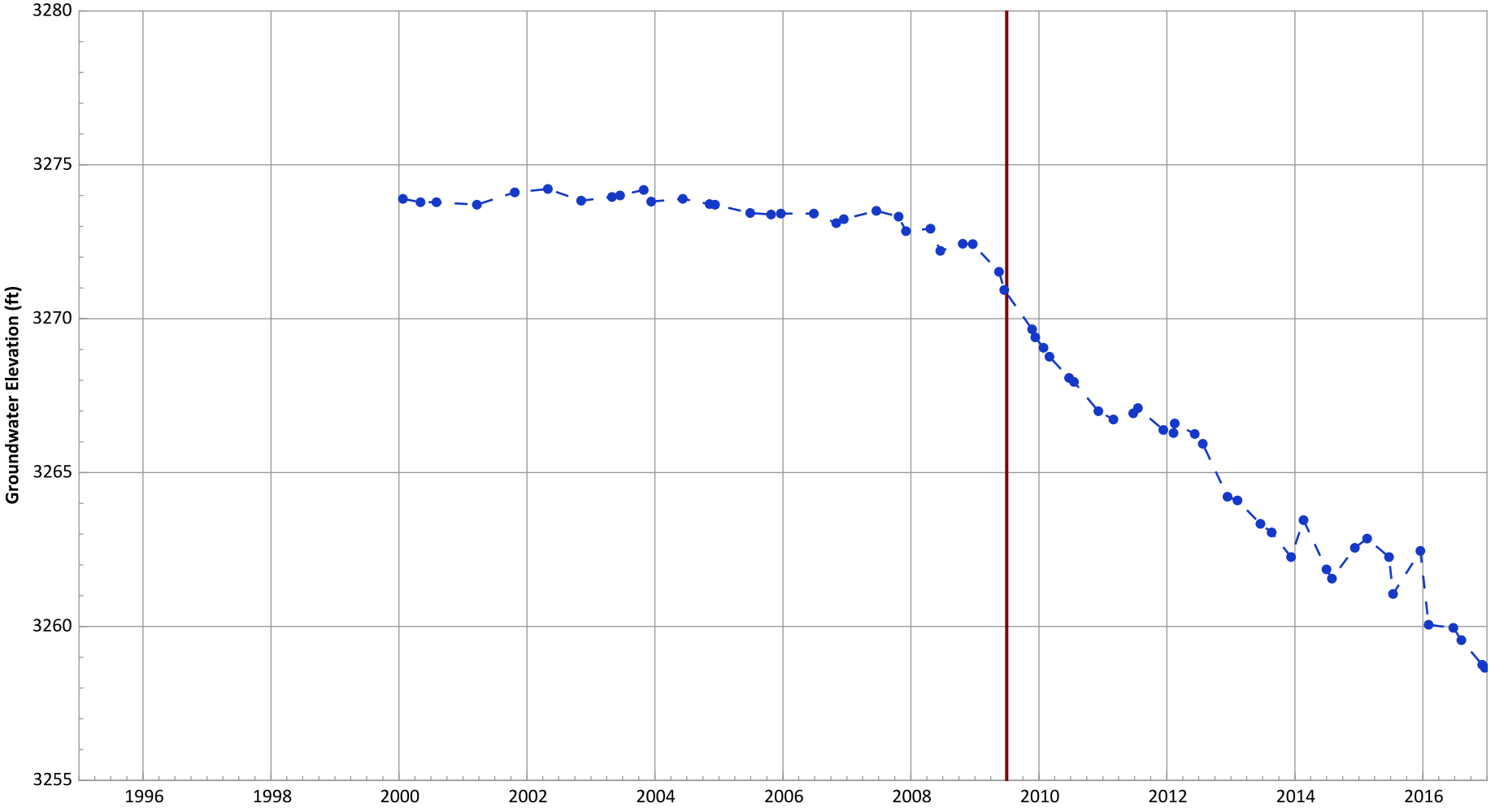
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.42 ft/yr
2014 - 2016 Data: Decreasing at 2.17 ft/yr

PTX06-1041 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



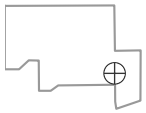
Notes:
1. Top of screen elevation is 3279.61 ft msl.
2. The bottom of screen elevation is 3239.61 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

Groundwater Elevation

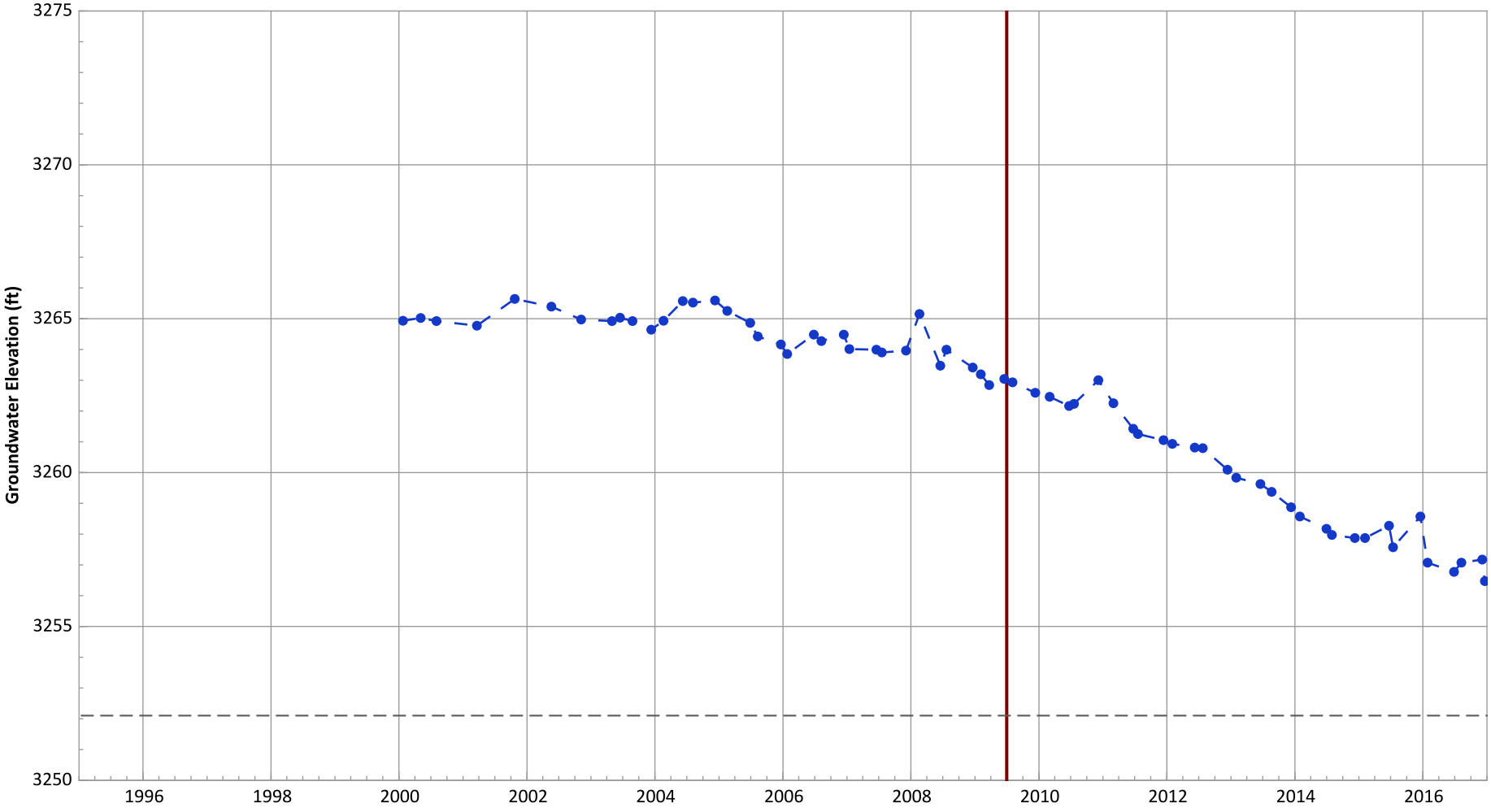
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.41 ft/yr
2014 - 2016 Data: Decreasing at 2.2 ft/yr

PTX06-1042 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

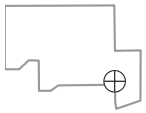


Notes:
1. Top of screen elevation is 3272.1 ft msl.
2. The bottom of screen elevation is 3252.1 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

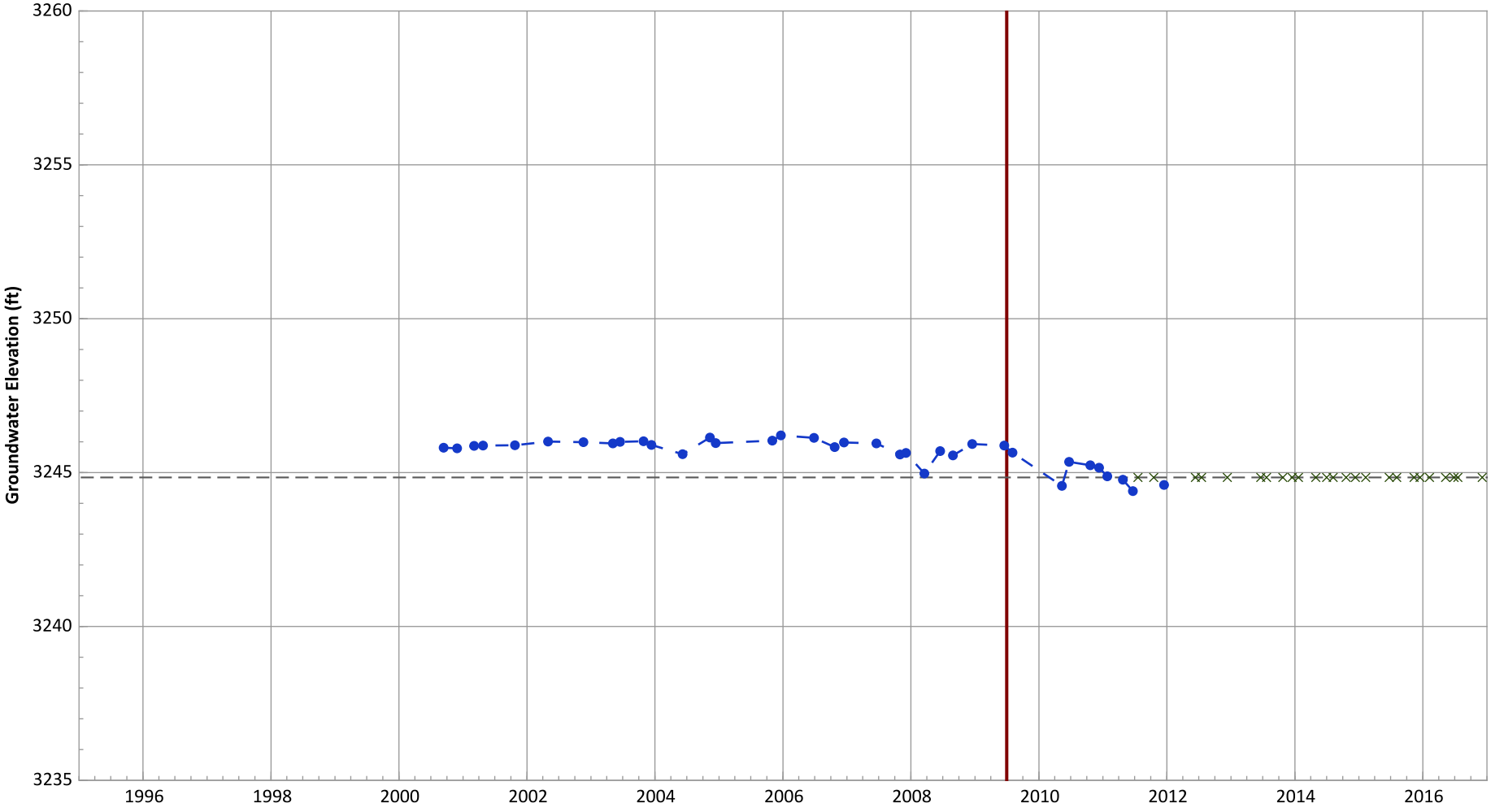
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.89 ft/yr
2014 - 2016 Data: Decreasing at 0.75 ft/yr

PTX06-1045 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

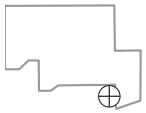


Notes:
1. Top of screen elevation is 3264.84 ft msl.
2. The bottom of screen elevation is 3244.84 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

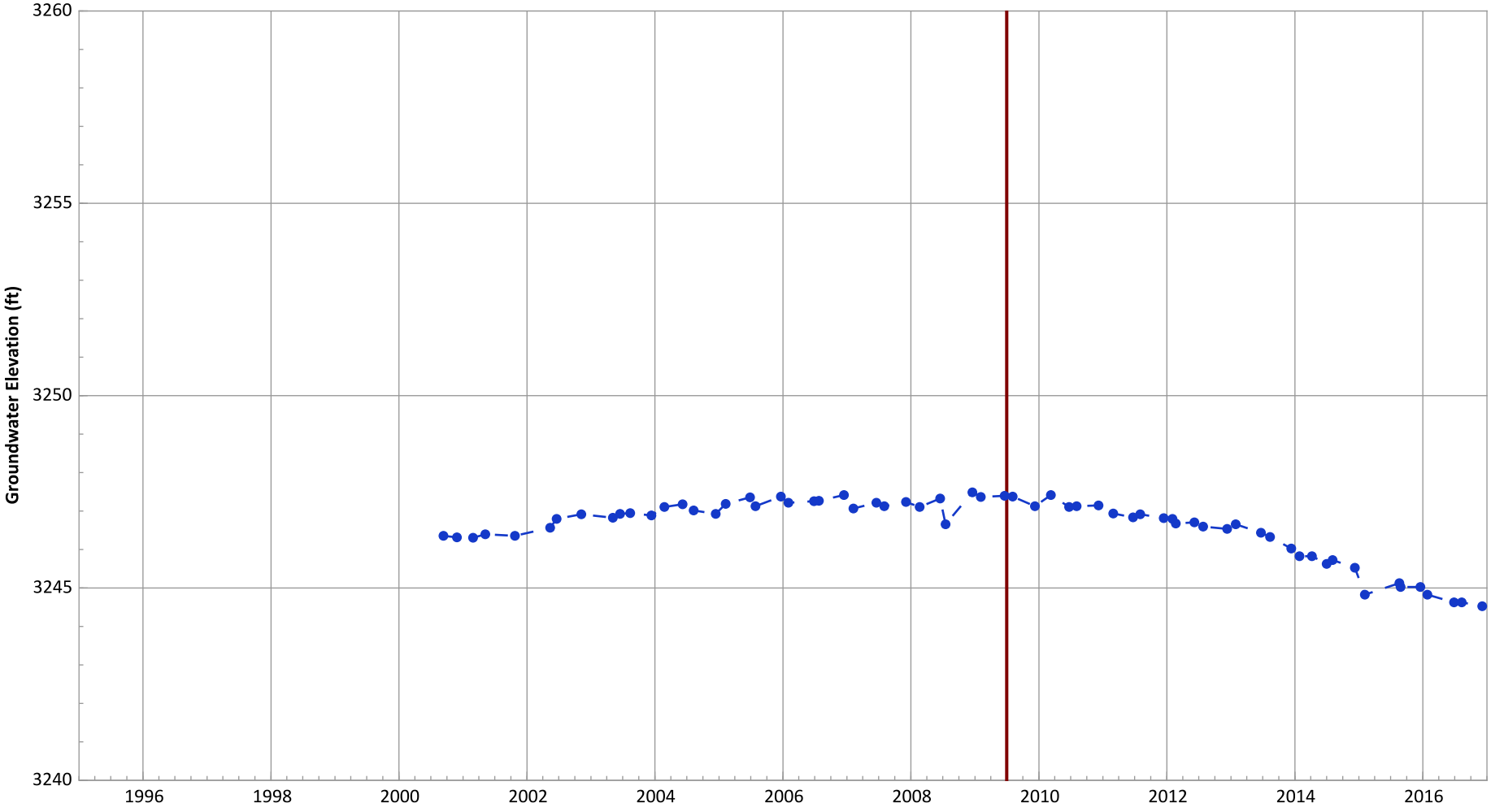
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.43 ft/yr
2014 - 2016 Data: N/A (No Measurements)

PTX06-1046 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3253.04 ft msl.
2. The bottom of screen elevation is 3233.04 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

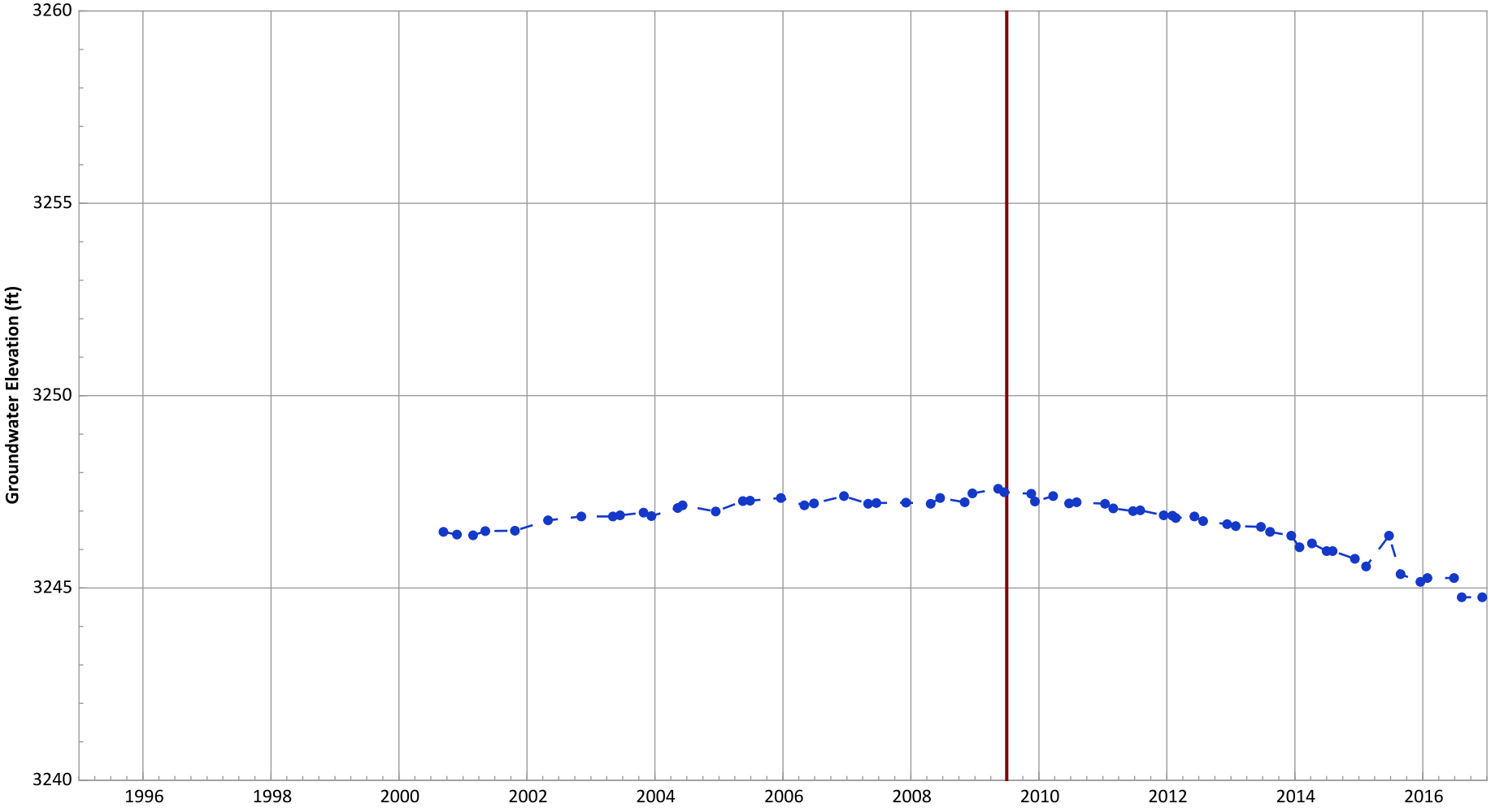
Analysis Date: 02/02/2017

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.41 ft/yr
2014 - 2016 Data: Decreasing at 0.27 ft/yr

PTX06-1047A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

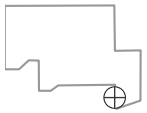


Notes:
1. Top of screen elevation is 3259.67 ft msl.
2. The bottom of screen elevation is 3239.67 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

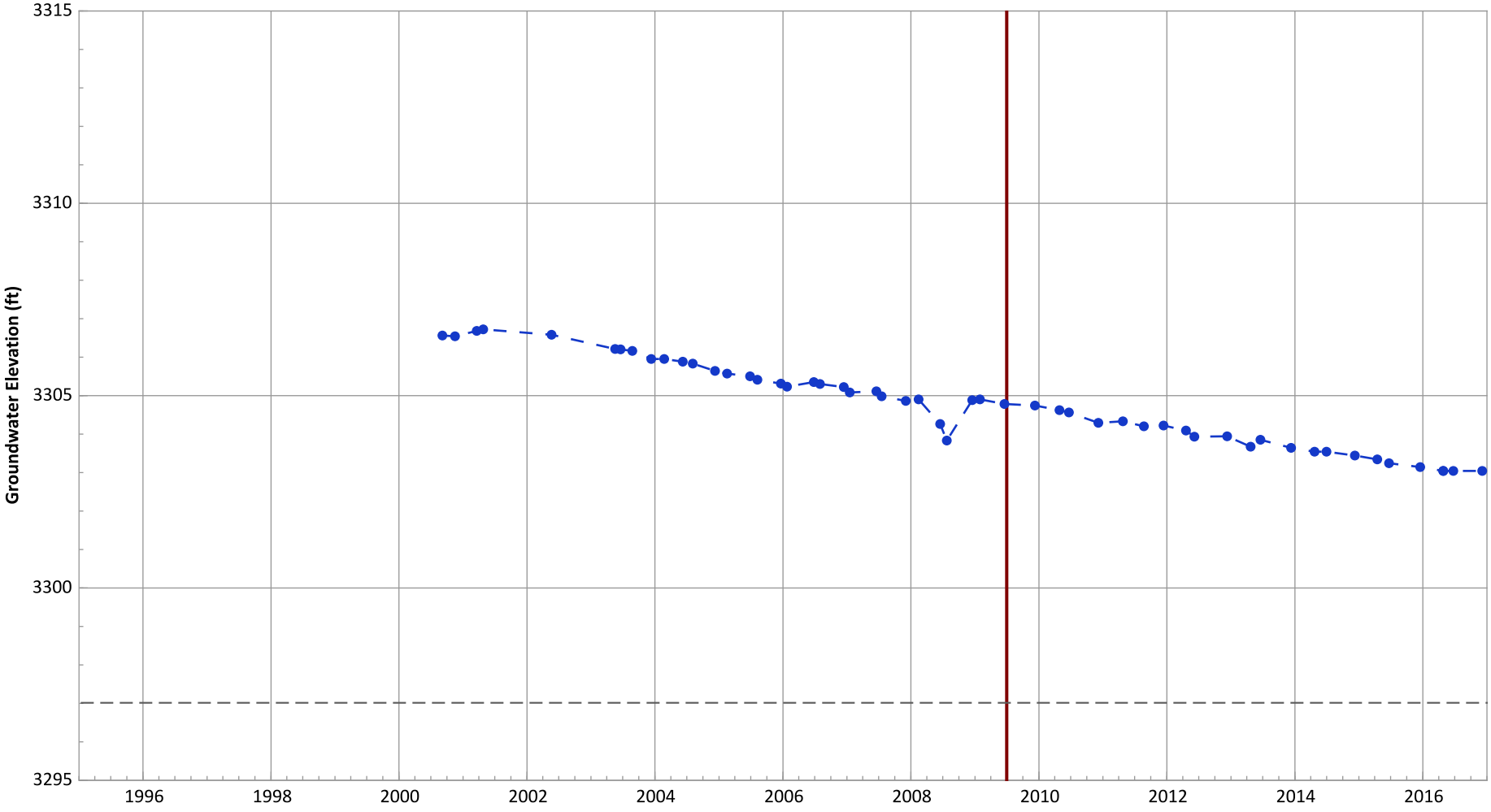
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.36 ft/yr
2014 - 2016 Data: Decreasing at 0.63 ft/yr

PTX06-1048A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

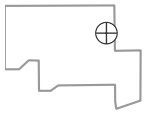


Notes:
1. Top of screen elevation is 3317.01 ft msl.
2. The bottom of screen elevation is 3297.01 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

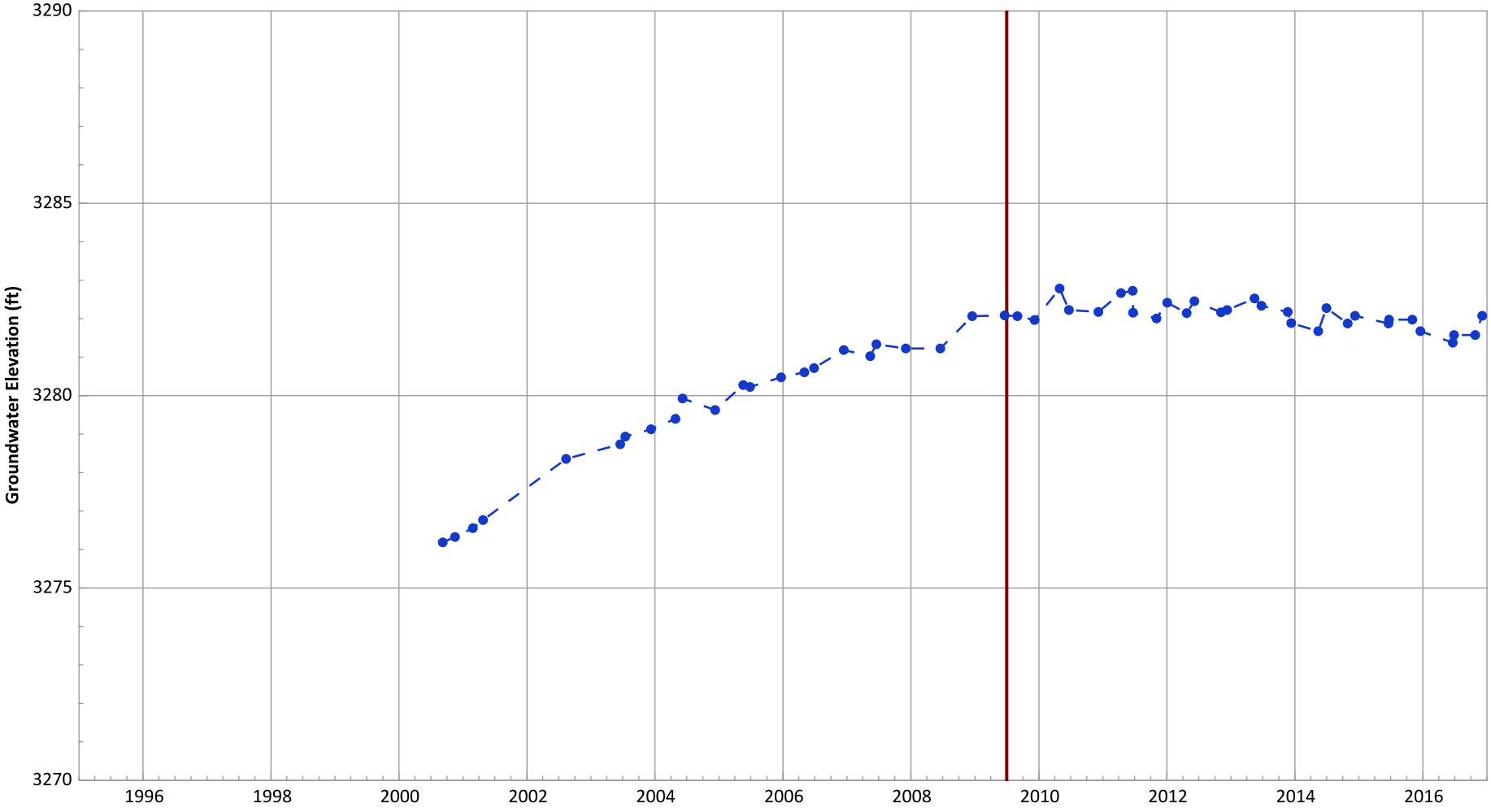
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.25 ft/yr
2014 - 2016 Data: Decreasing at 0.19 ft/yr

PTX06-1049 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

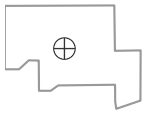


Notes:
1. Top of screen elevation is 3283.38 ft msl.
2. The bottom of screen elevation is 3243.38 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

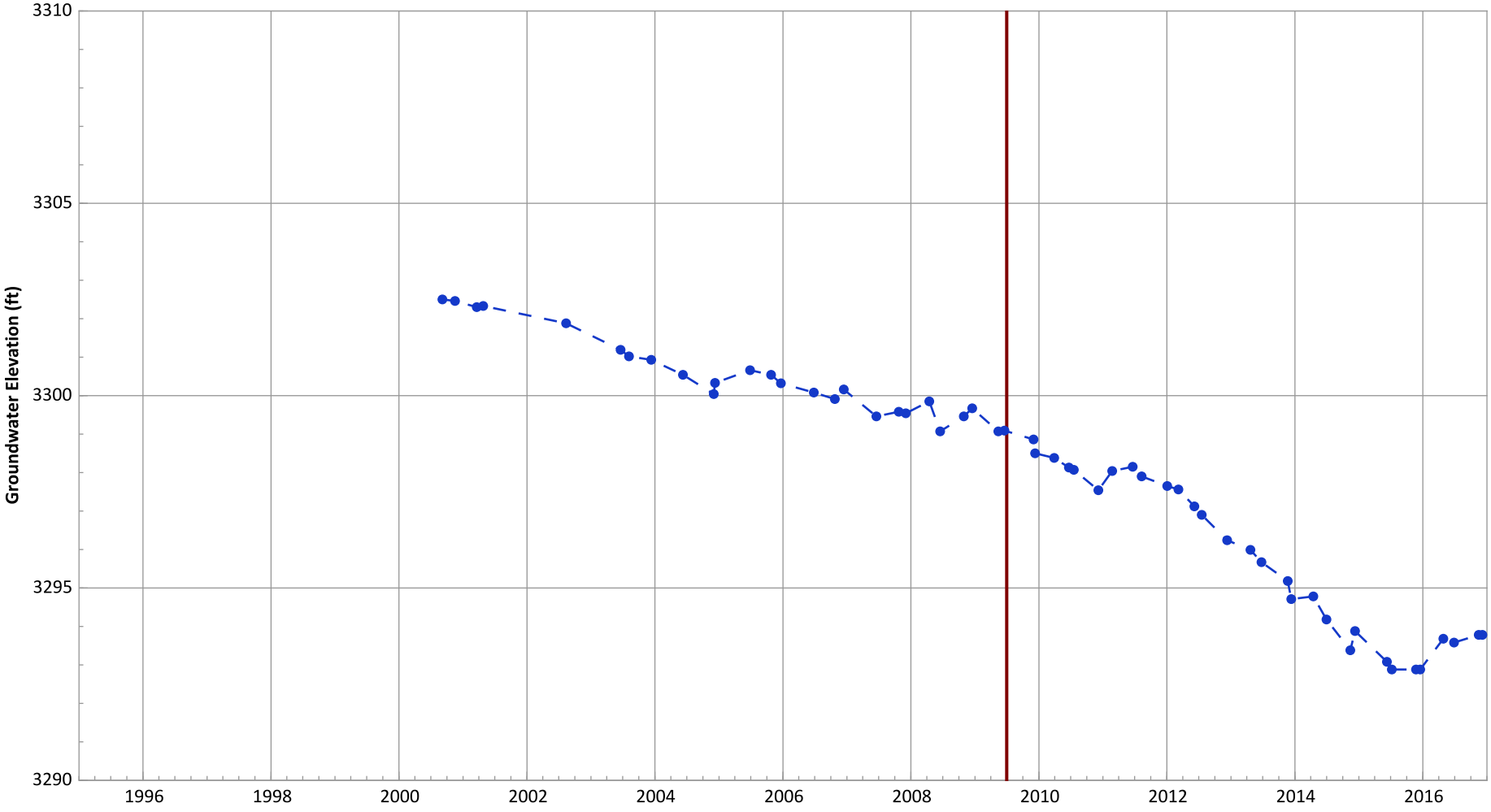
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: Decreasing at 0.15 ft/yr

PTX06-1050 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

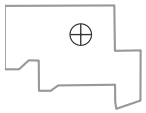


Notes:
1. Top of screen elevation is 3294.96 ft msl.
2. The bottom of screen elevation is 3264.96 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

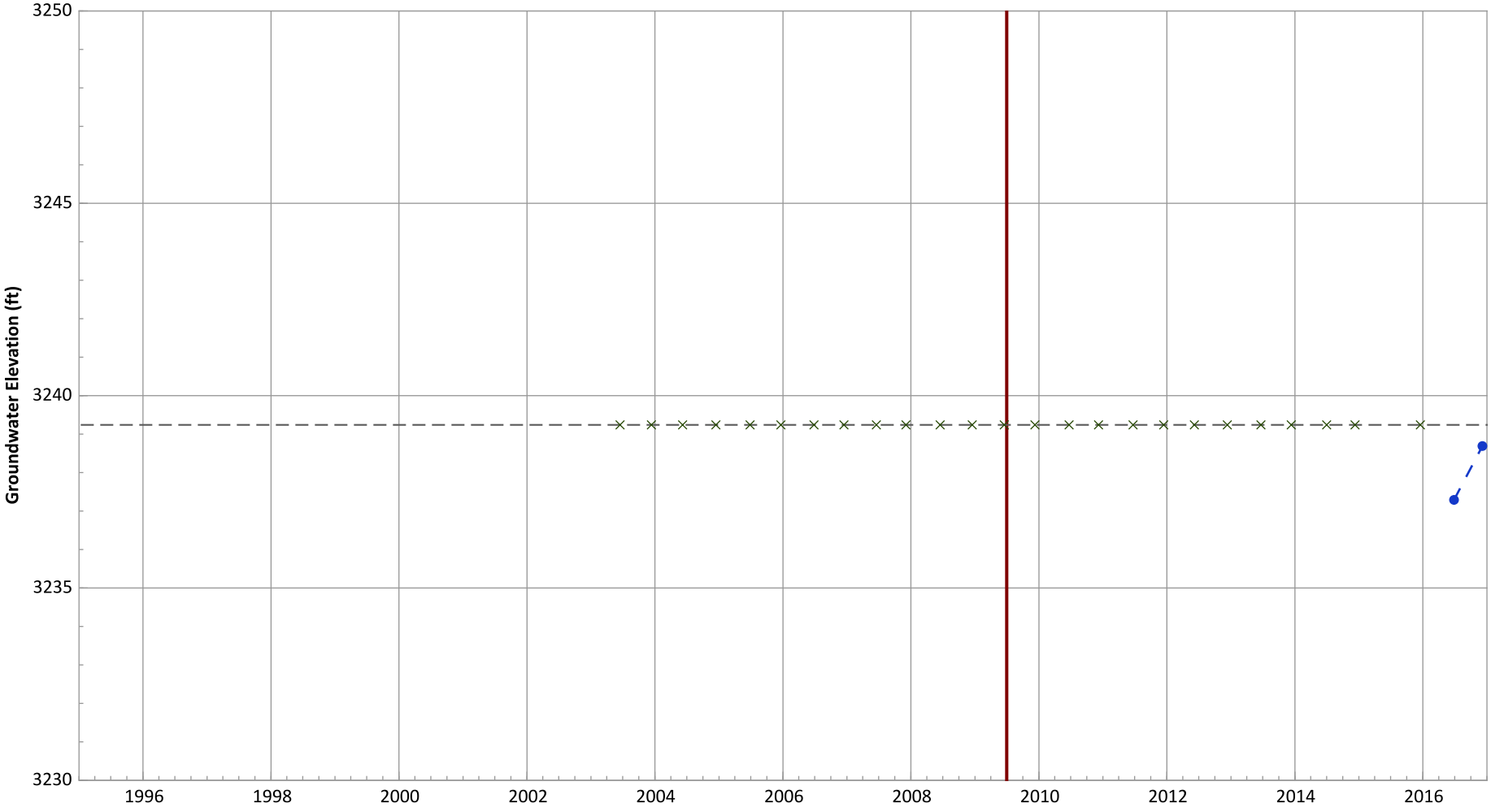
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.89 ft/yr
2014 - 2016 Data: Increasing at 0.65 ft/yr

PTX06-1051 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

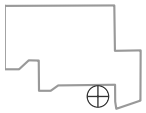


Notes:
1. Top of screen elevation is 3249.24 ft msl.
2. The bottom of screen elevation is 3239.24 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

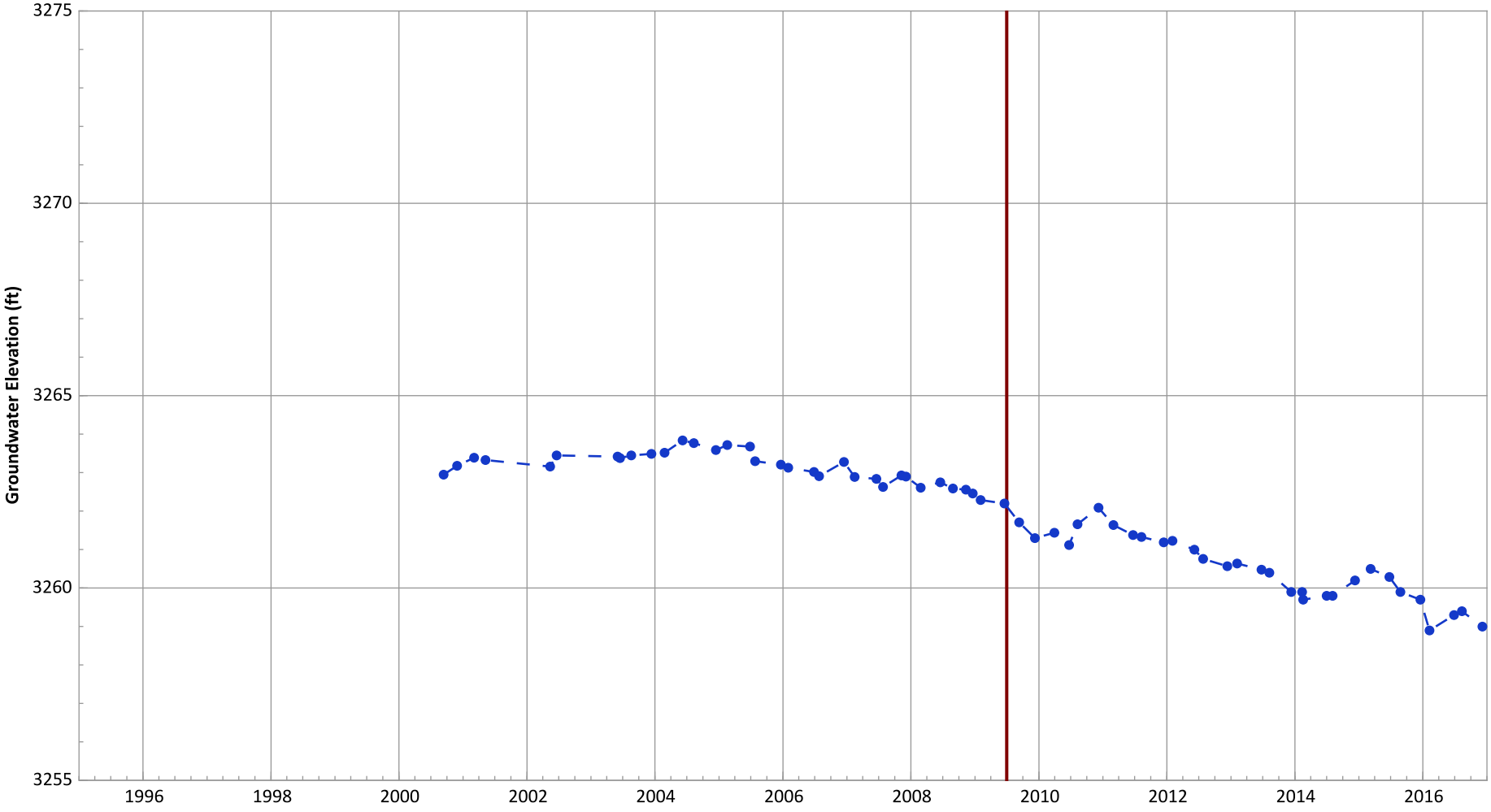
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (<3 Measurements)
2014 - 2016 Data: N/A (<3 Measurements)

PTX06-1052 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

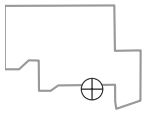


Notes:
1. Top of screen elevation is 3266.45 ft msl.
2. The bottom of screen elevation is 3246.45 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

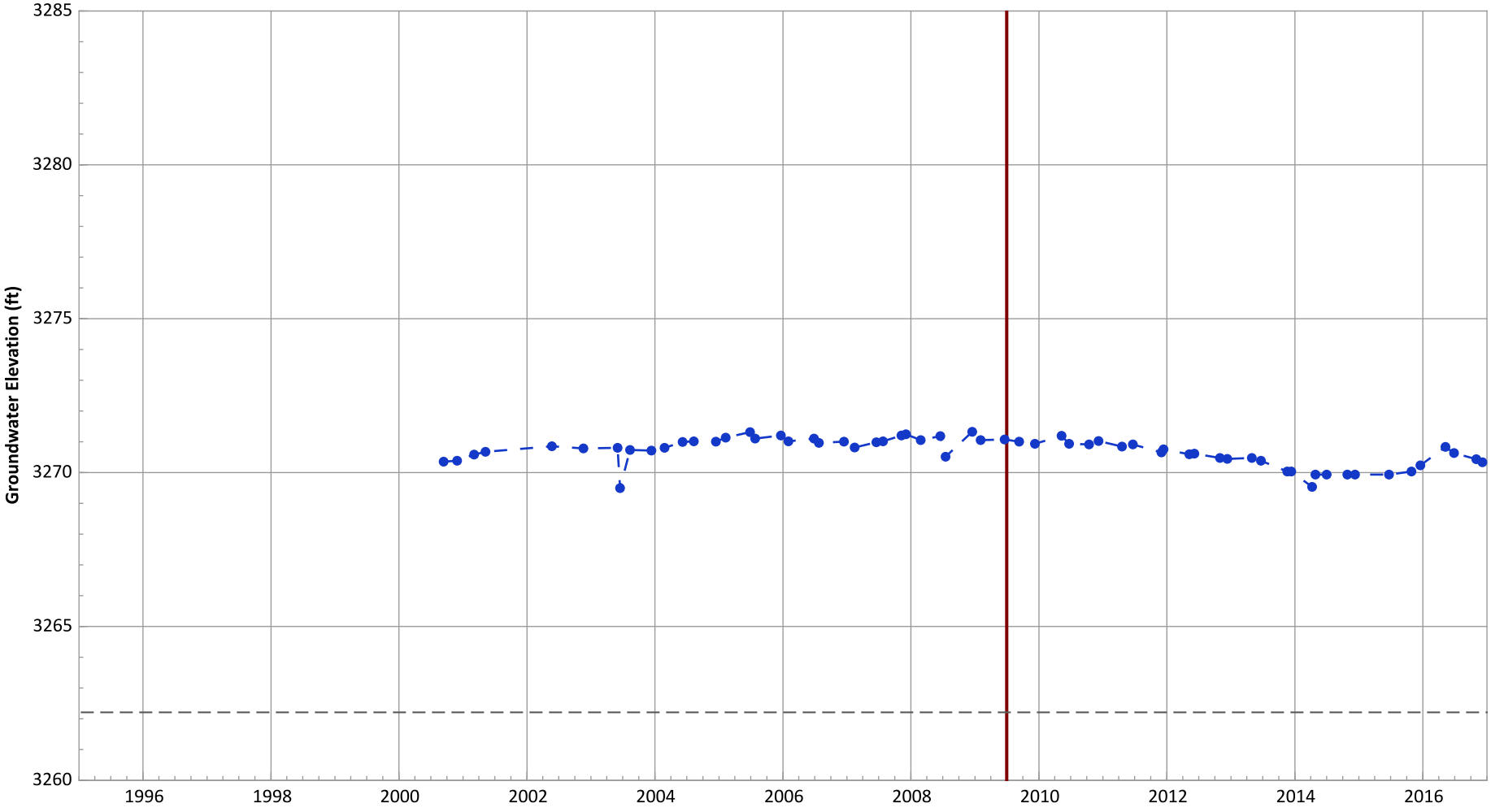
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.37 ft/yr
2014 - 2016 Data: Decreasing at 0.83 ft/yr

PTX06-1053 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

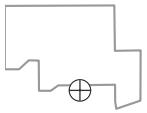


Notes:
1. Top of screen elevation is 3277.21 ft msl.
2. The bottom of screen elevation is 3262.21 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

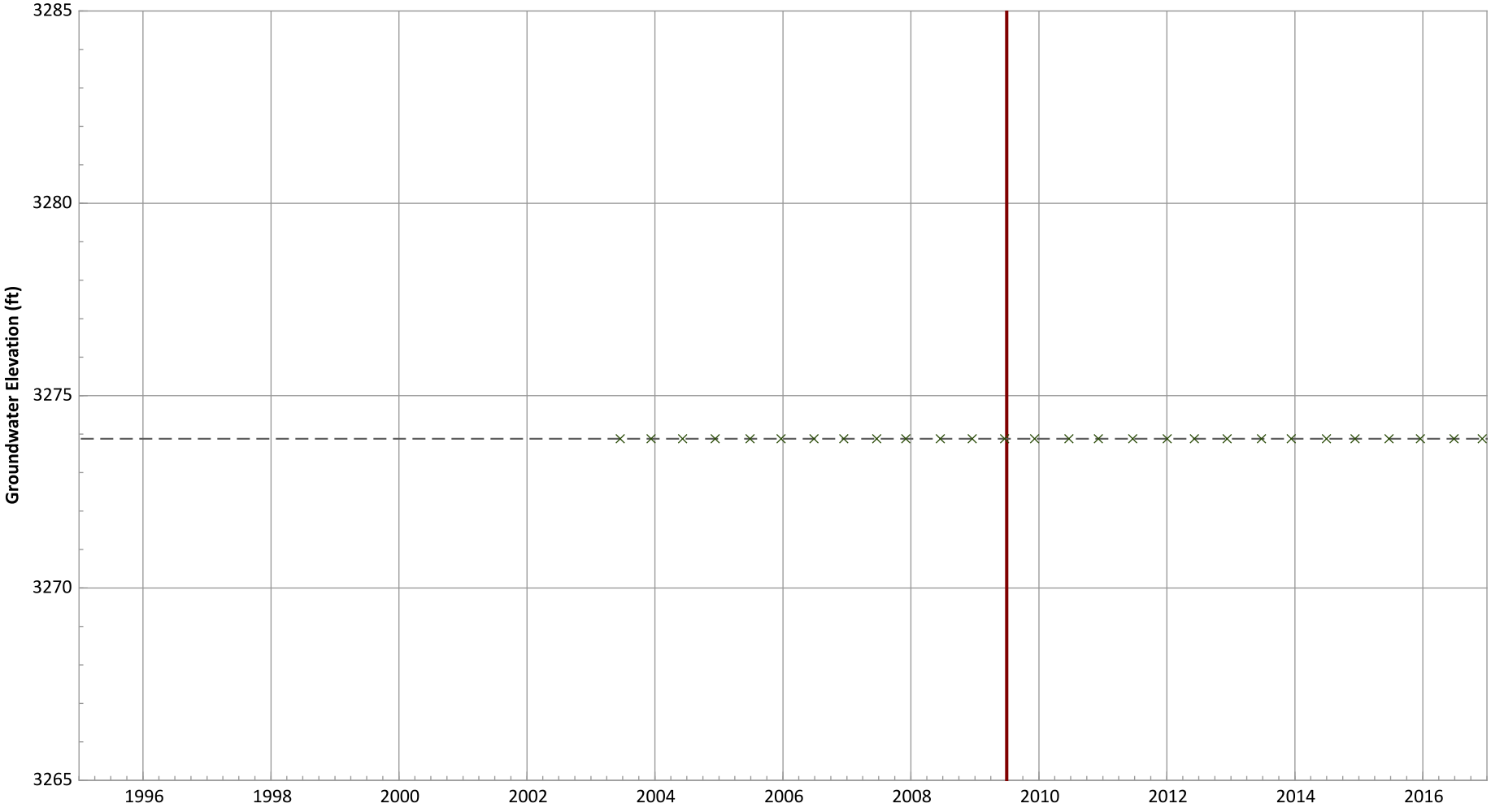
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.13 ft/yr
2014 - 2016 Data: Increasing at 0.37 ft/yr

PTX06-1055 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

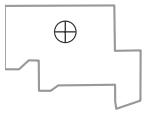


Notes:
1. Top of screen elevation is 3303.88 ft msl.
2. The bottom of screen elevation is 3273.88 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

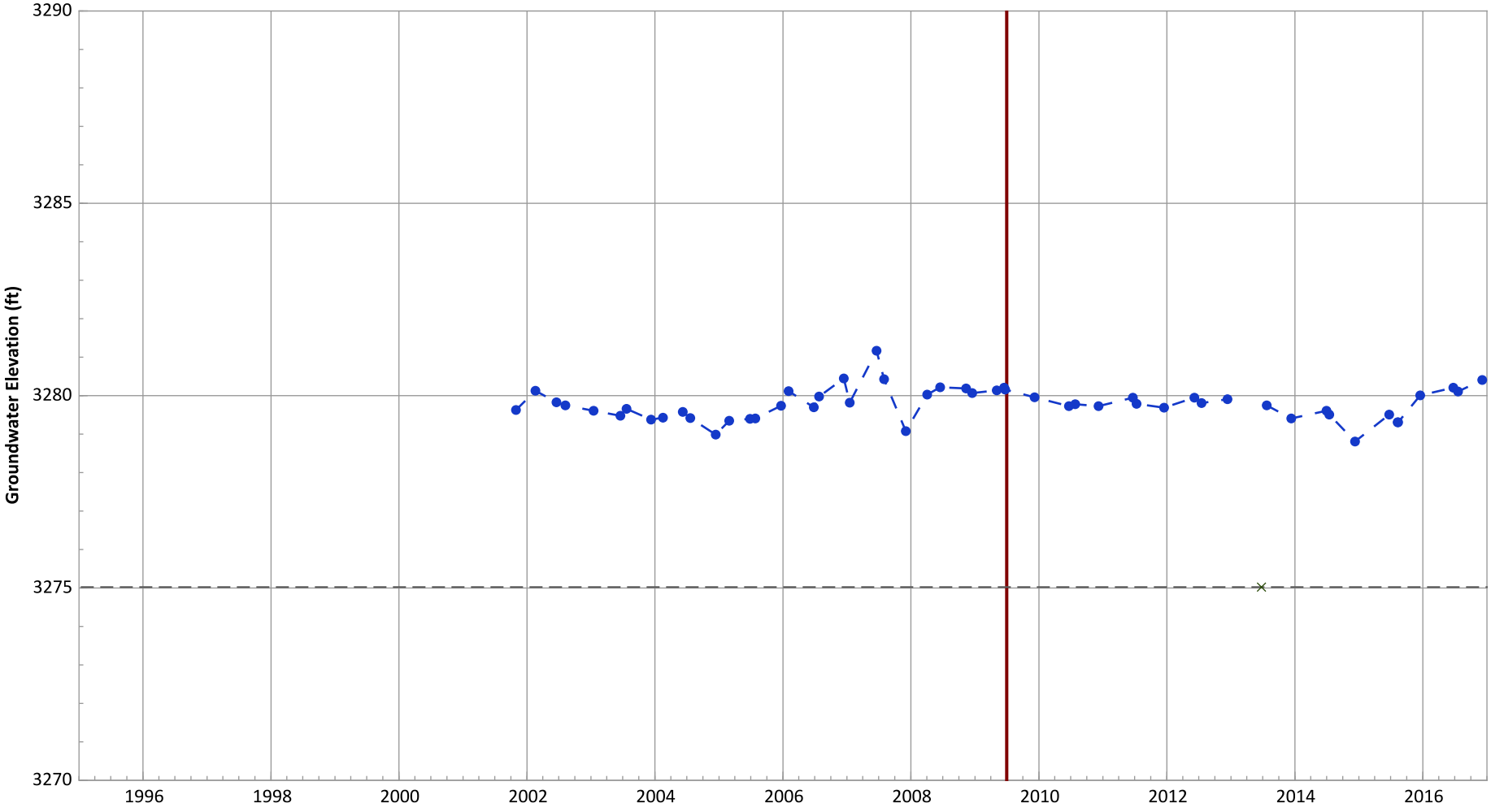
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-1069 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

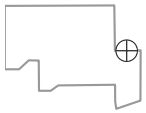


Notes:
1. Top of screen elevation is 3295.02 ft msl.
2. The bottom of screen elevation is 3275.02 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

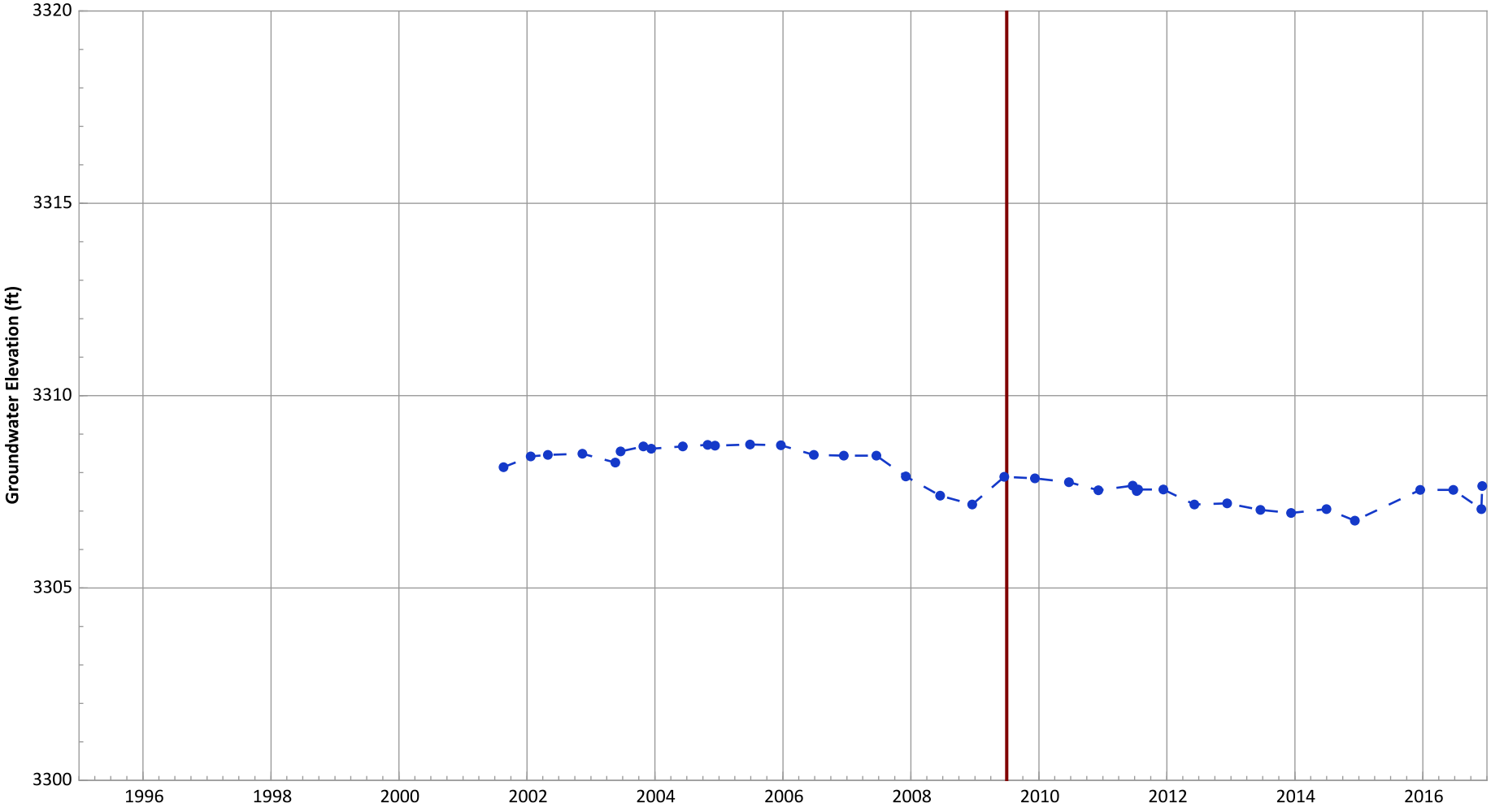
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: Increasing at 0.75 ft/yr

PTX06-1071 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

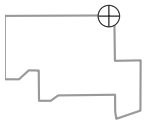


Notes:
1. Top of screen elevation is 3289.16 ft msl.
2. The bottom of screen elevation is 3279.16 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

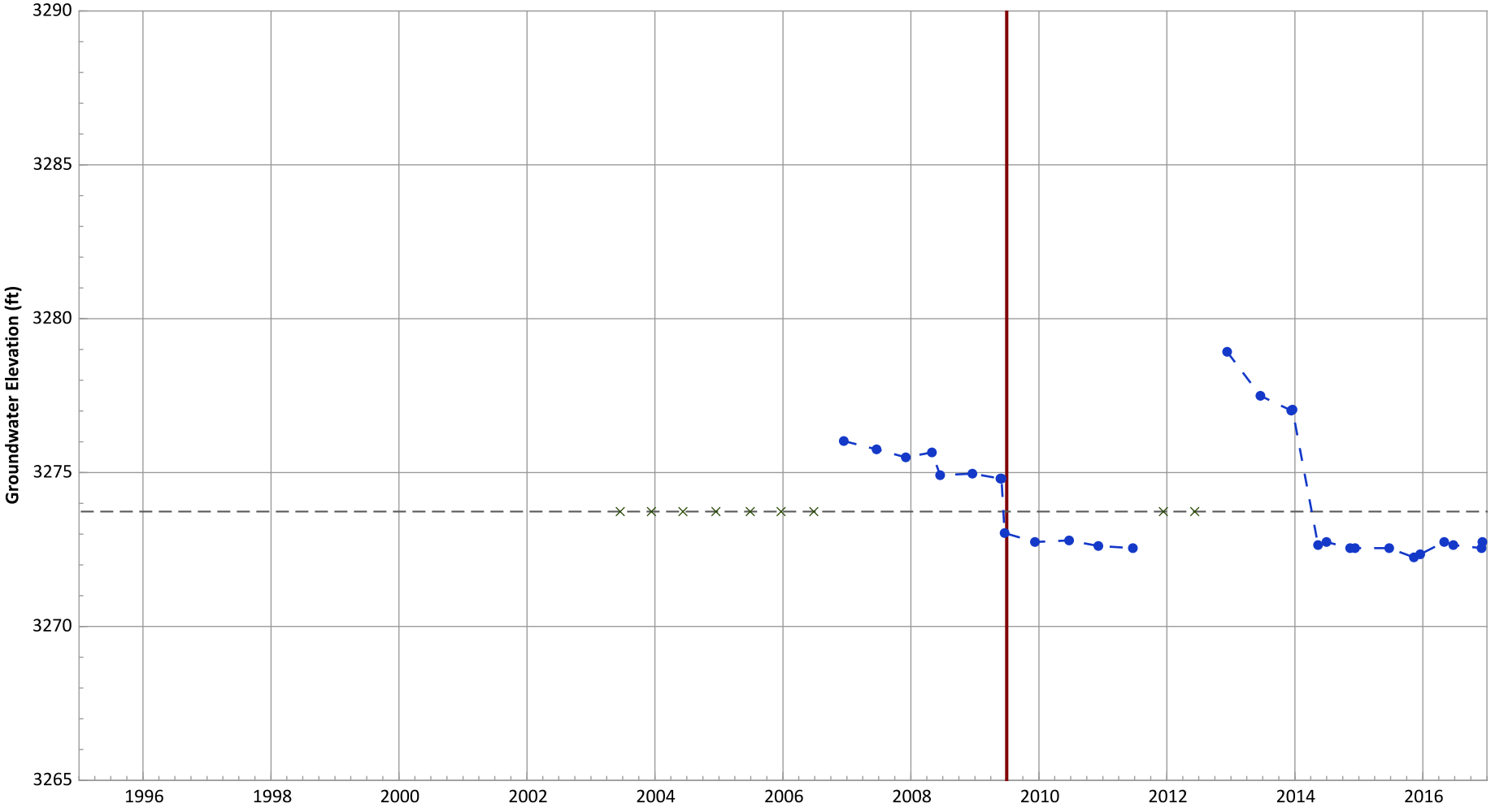
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: Decreasing at 0.22 ft/yr

PTX06-1073A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

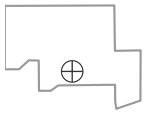


Notes:
1. Top of screen elevation is 3303.73 ft msl.
2. The bottom of screen elevation is 3273.73 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

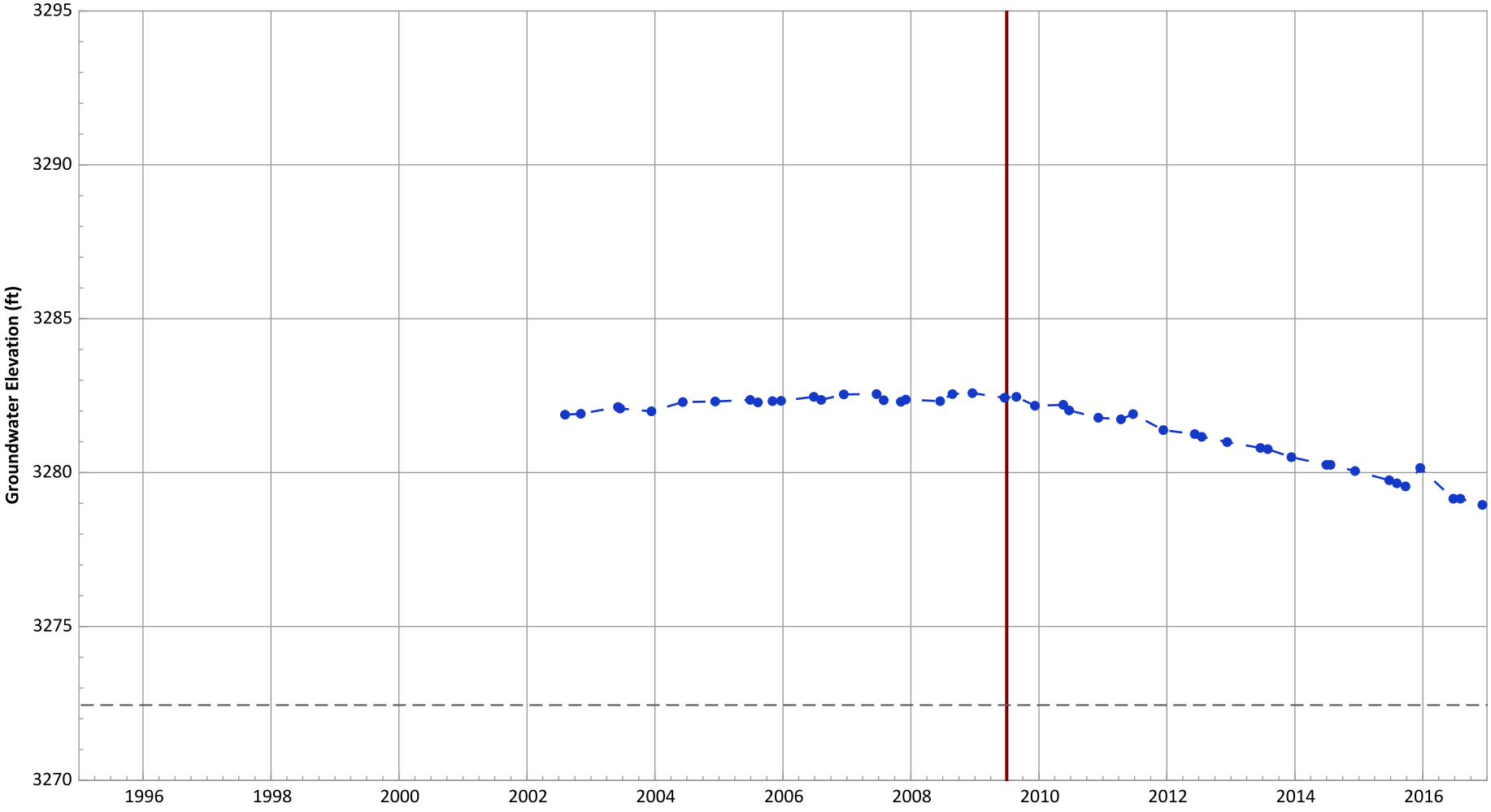
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.18 ft/yr
2014 - 2016 Data: Increasing at 0.19 ft/yr

PTX06-1077A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

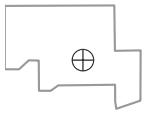


Notes:
1. Top of screen elevation is 3297.45 ft msl.
2. The bottom of screen elevation is 3272.45 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

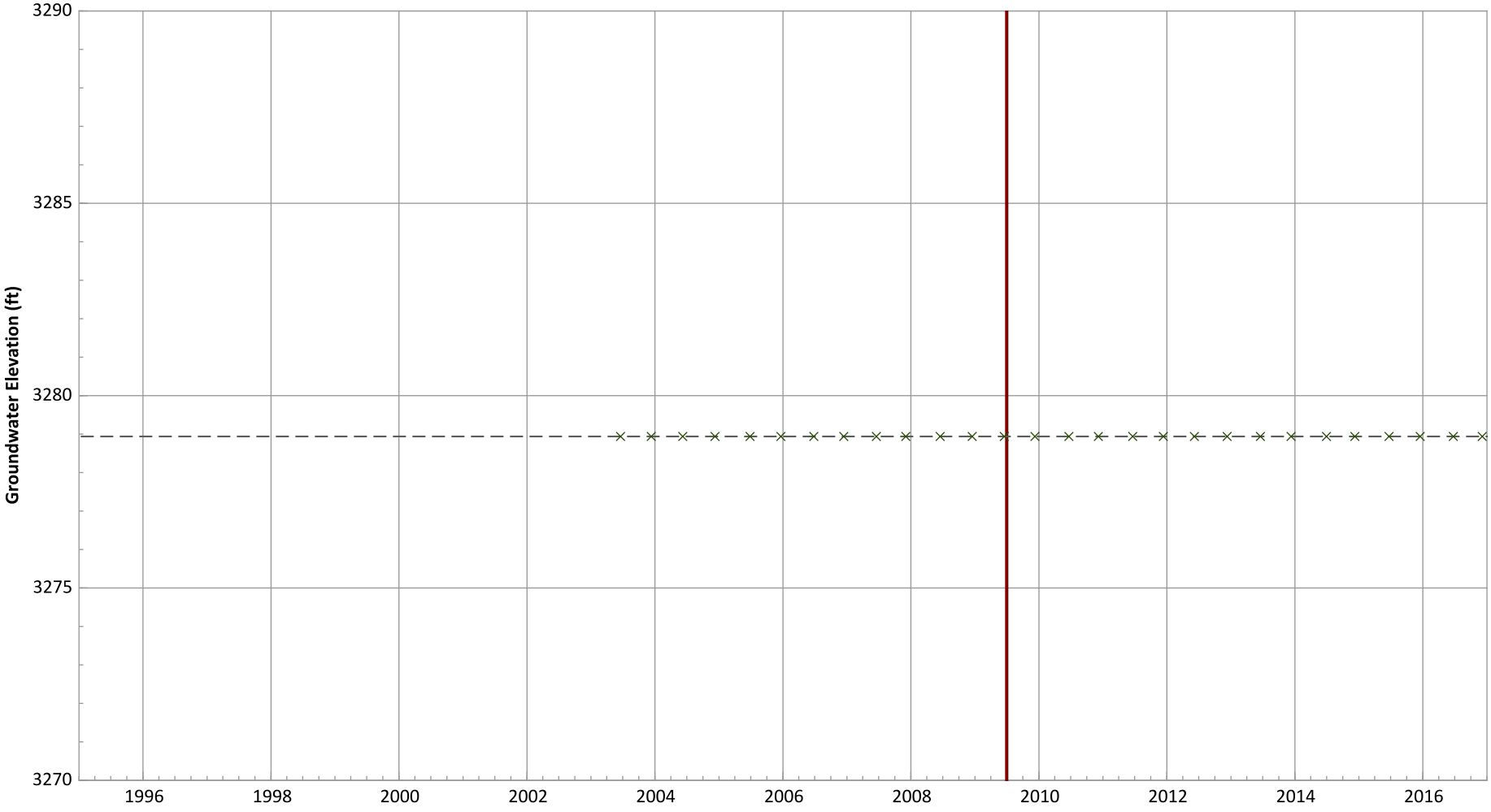
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.46 ft/yr
2014 - 2016 Data: Decreasing at 0.59 ft/yr

PTX06-1078 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

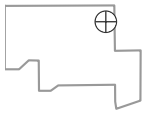


Notes:
1. Top of screen elevation is 3293.94 ft msl.
2. The bottom of screen elevation is 3278.94 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

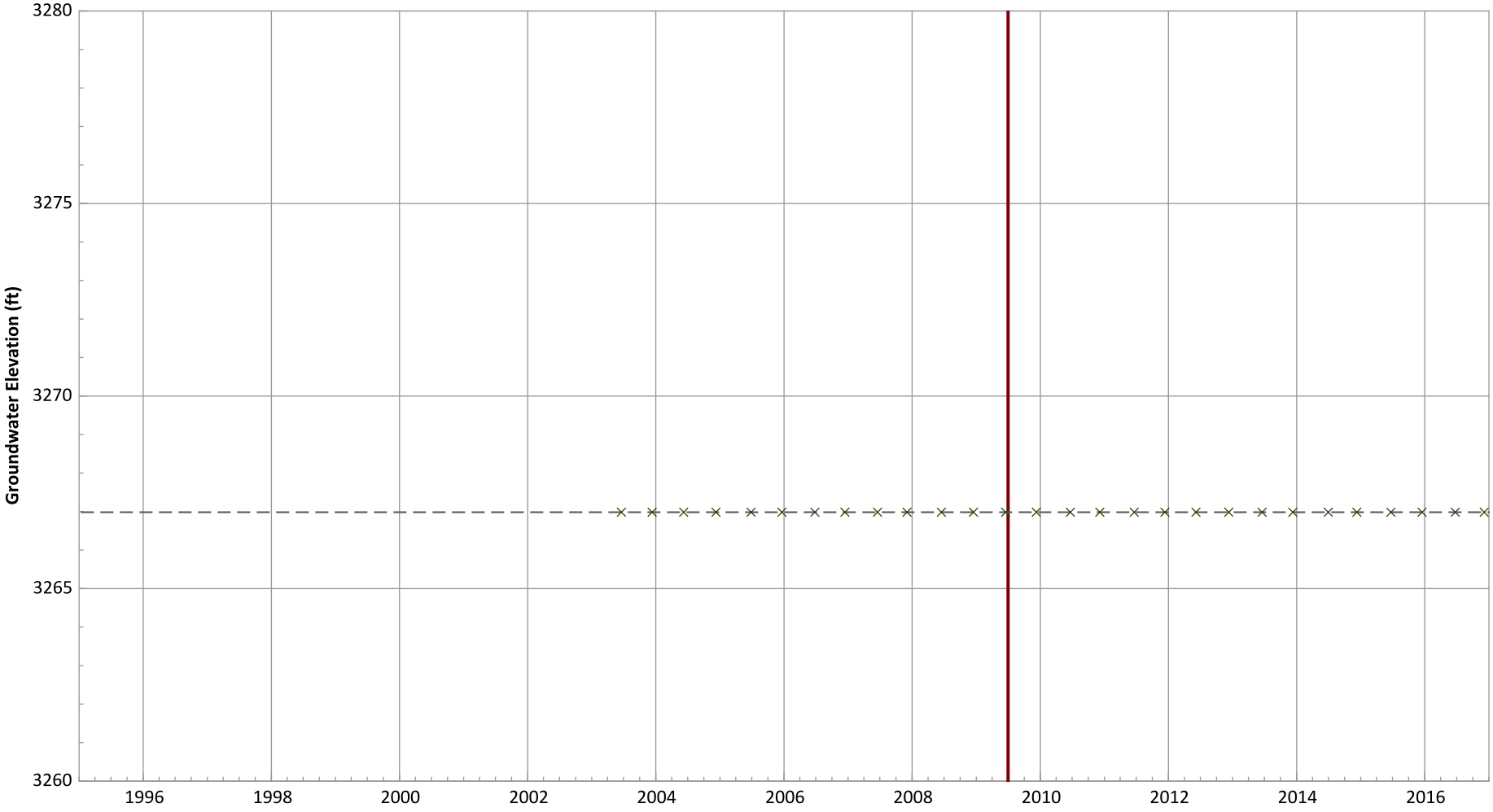
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-1079 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

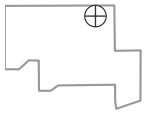


Notes:
1. Top of screen elevation is 3296.98 ft msl.
2. The bottom of screen elevation is 3266.98 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

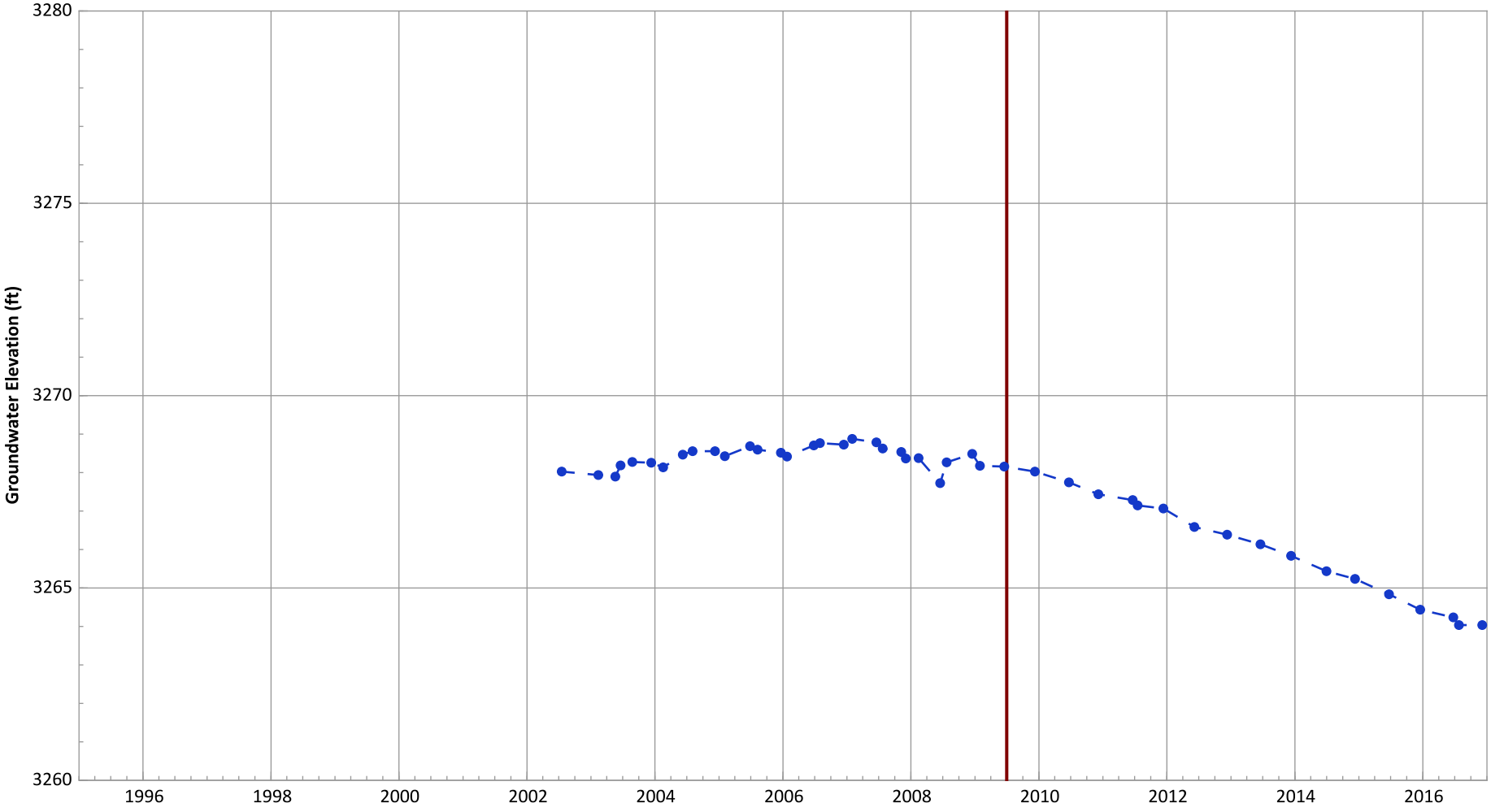
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-1080 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

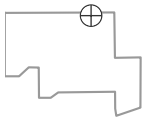


Notes:
1. Top of screen elevation is 3280.12 ft msl.
2. The bottom of screen elevation is 3250.12 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

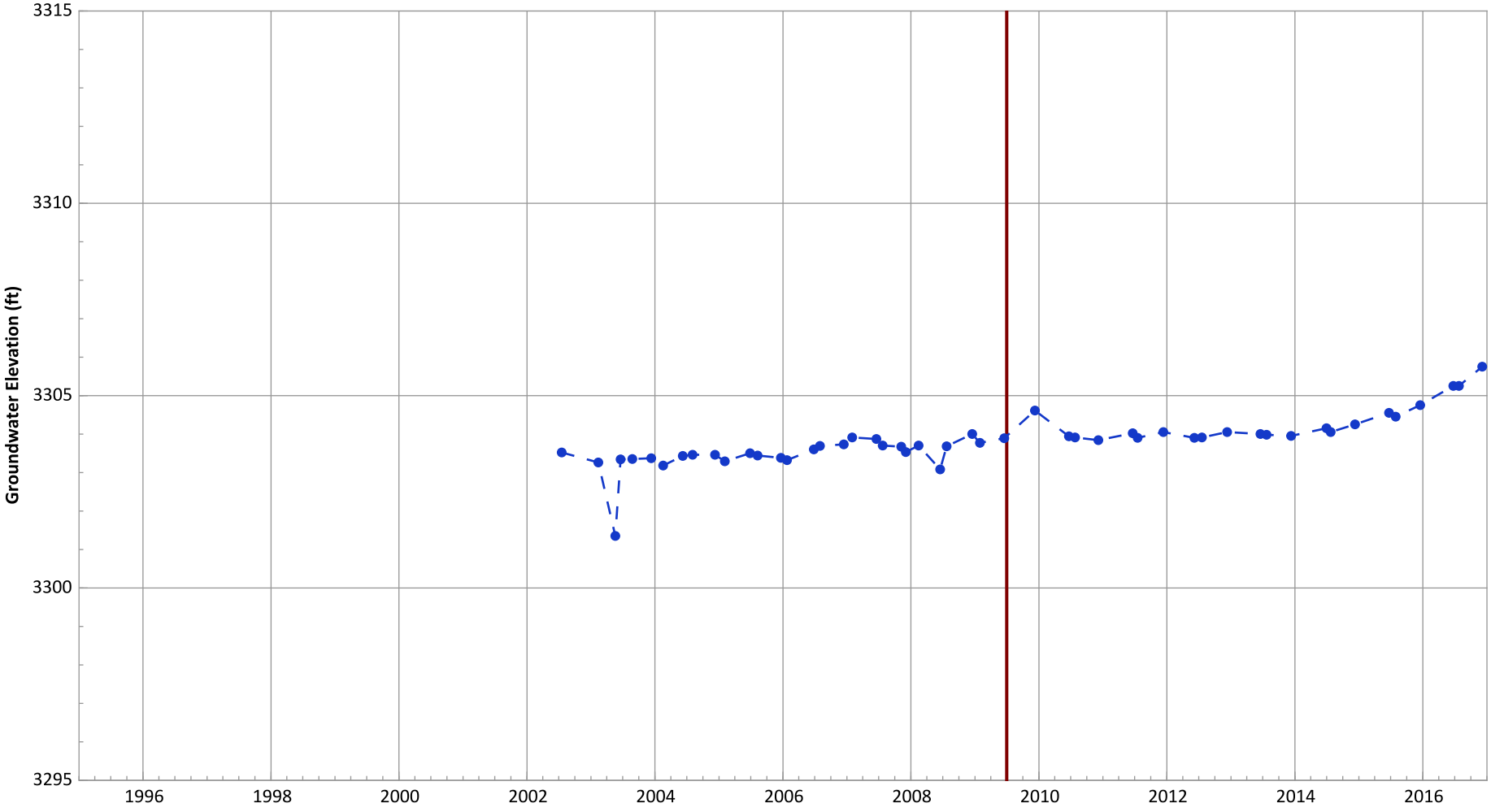
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.59 ft/yr
2014 - 2016 Data: Decreasing at 0.57 ft/yr

PTX06-1081 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

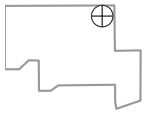


Notes:
1. Top of screen elevation is 3316.5 ft msl.
2. The bottom of screen elevation is 3286.5 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

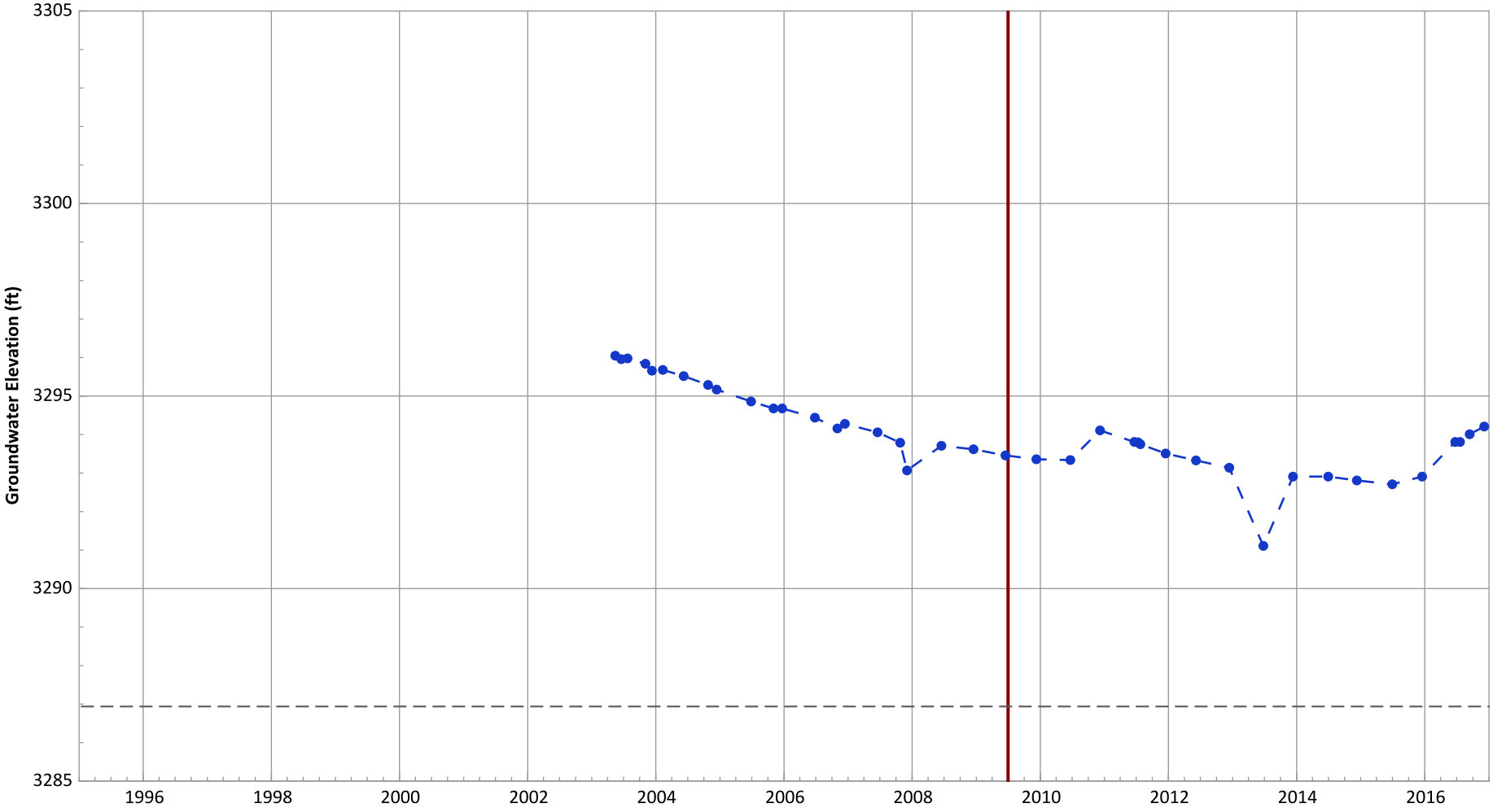
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.17 ft/yr
2014 - 2016 Data: Increasing at 0.84 ft/yr

PTX06-1082 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

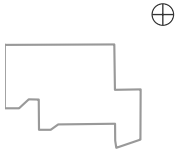


Notes:
1. Top of screen elevation is 3311.94 ft msl.
2. The bottom of screen elevation is 3286.94 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

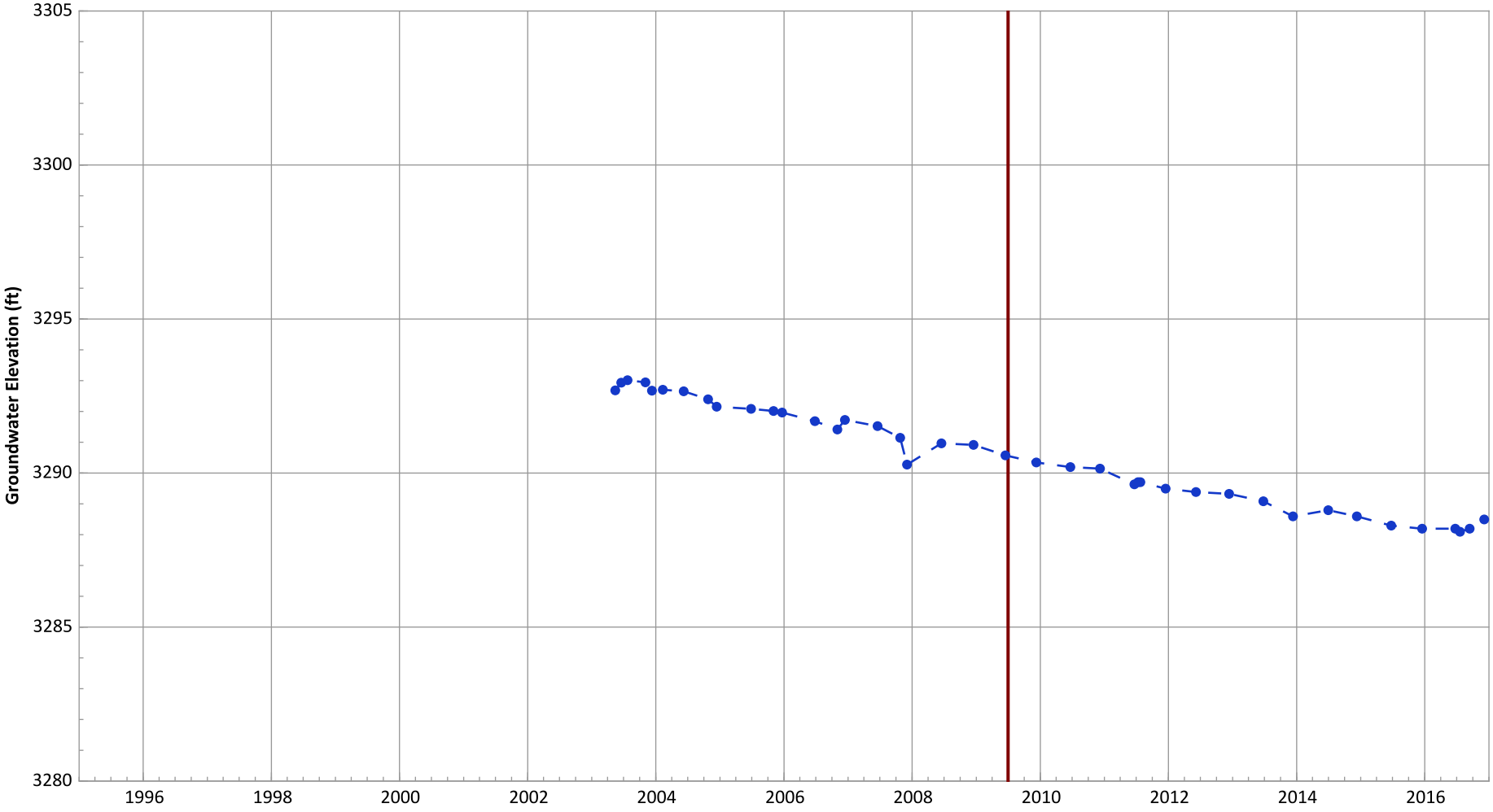
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: Increasing at 1.14 ft/yr

PTX06-1083 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3299.91 ft msl.
2. The bottom of screen elevation is 3269.91 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

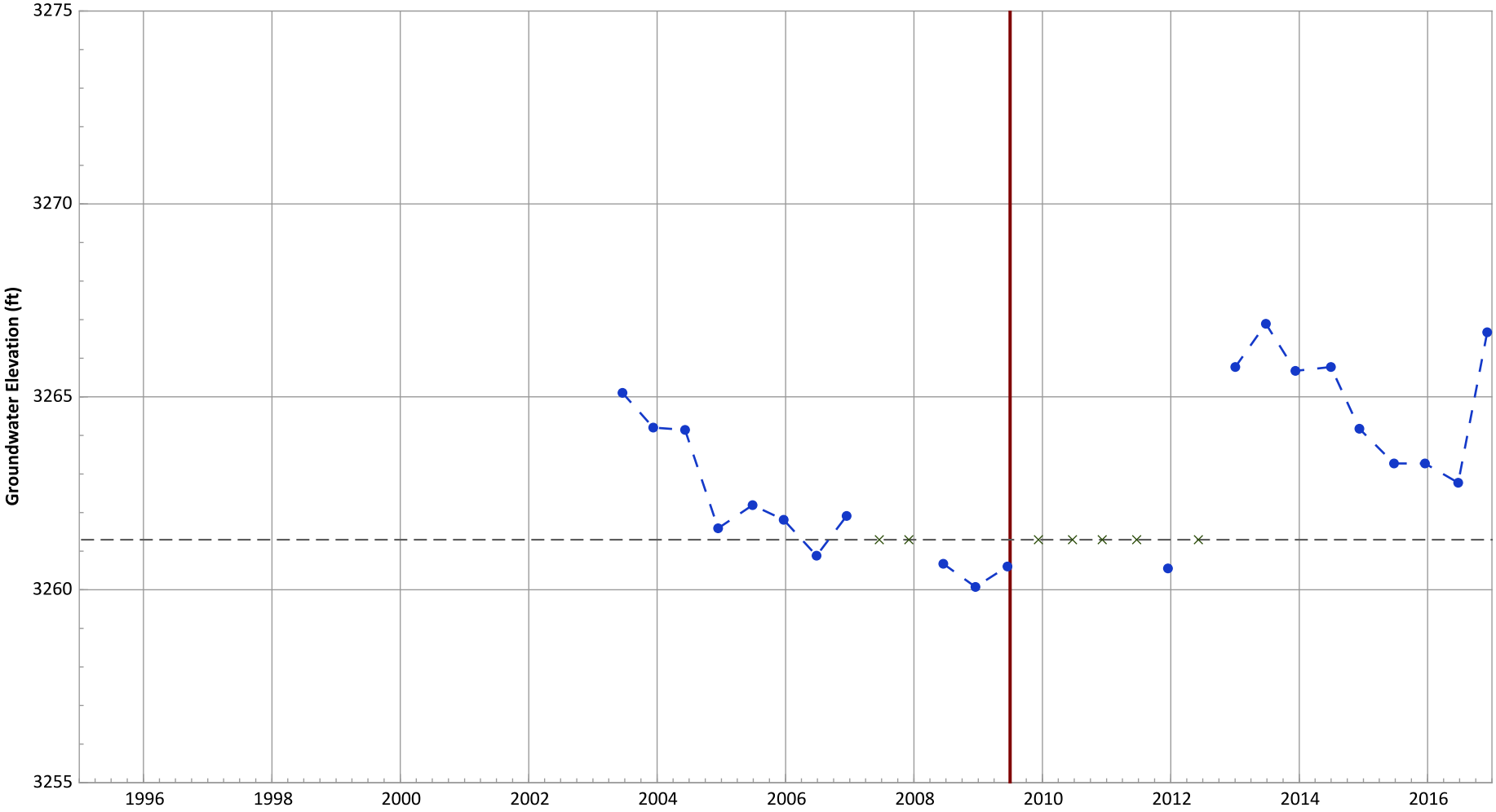
Analysis Date: 02/02/2017

Groundwater Elevation
Start of Remedial Action

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.32 ft/yr
2014 - 2016 Data: No Trend

PTX06-1084 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3281.3 ft msl.
2. The bottom of screen elevation is 3261.3 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

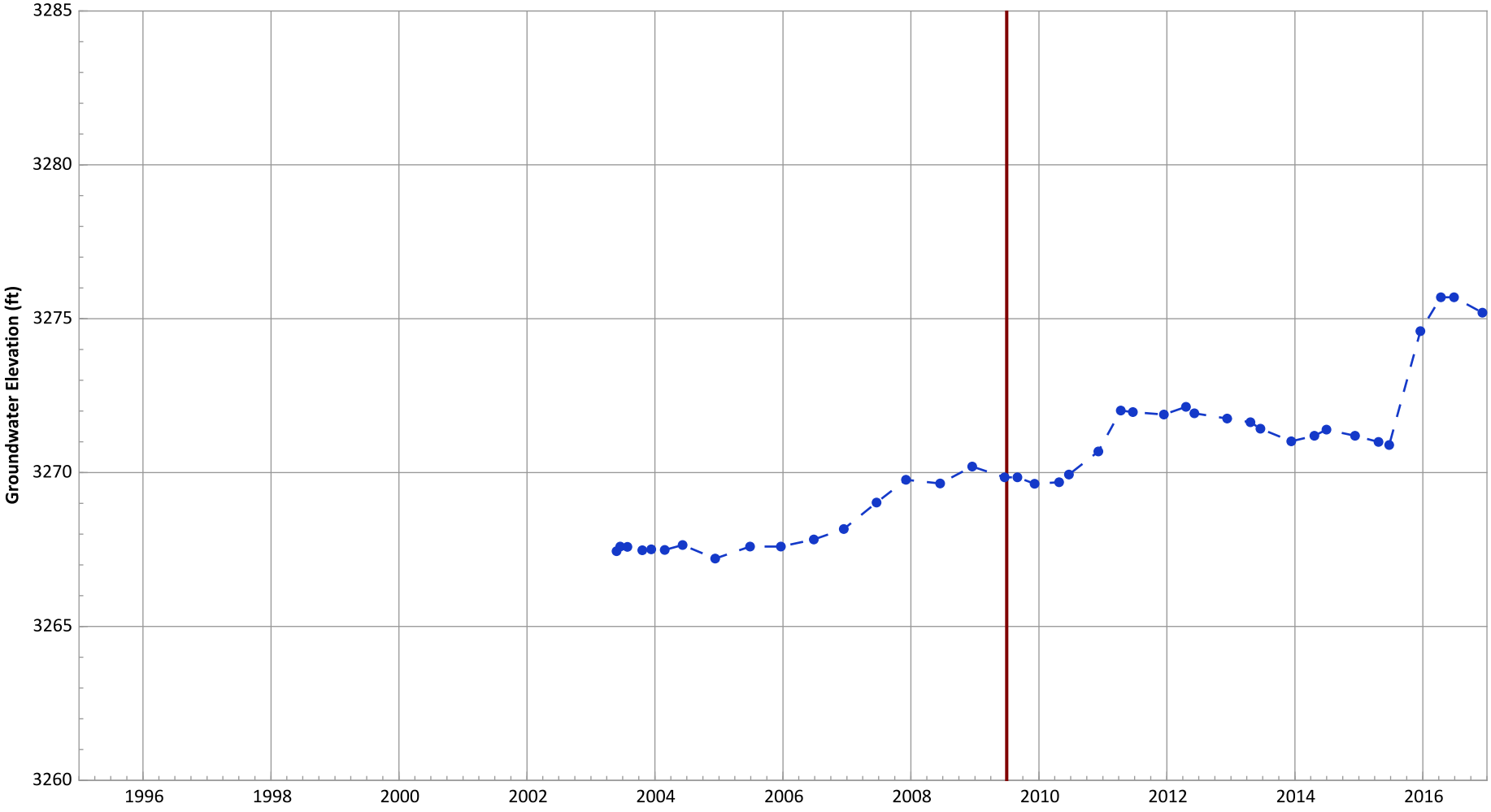
Analysis Date: 02/02/2017

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.17 ft/yr
2014 - 2016 Data: Increasing at 1.94 ft/yr

PTX06-1085 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

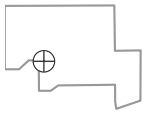


Notes:
1. Top of screen elevation is 3271.52 ft msl.
2. The bottom of screen elevation is 3246.52 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

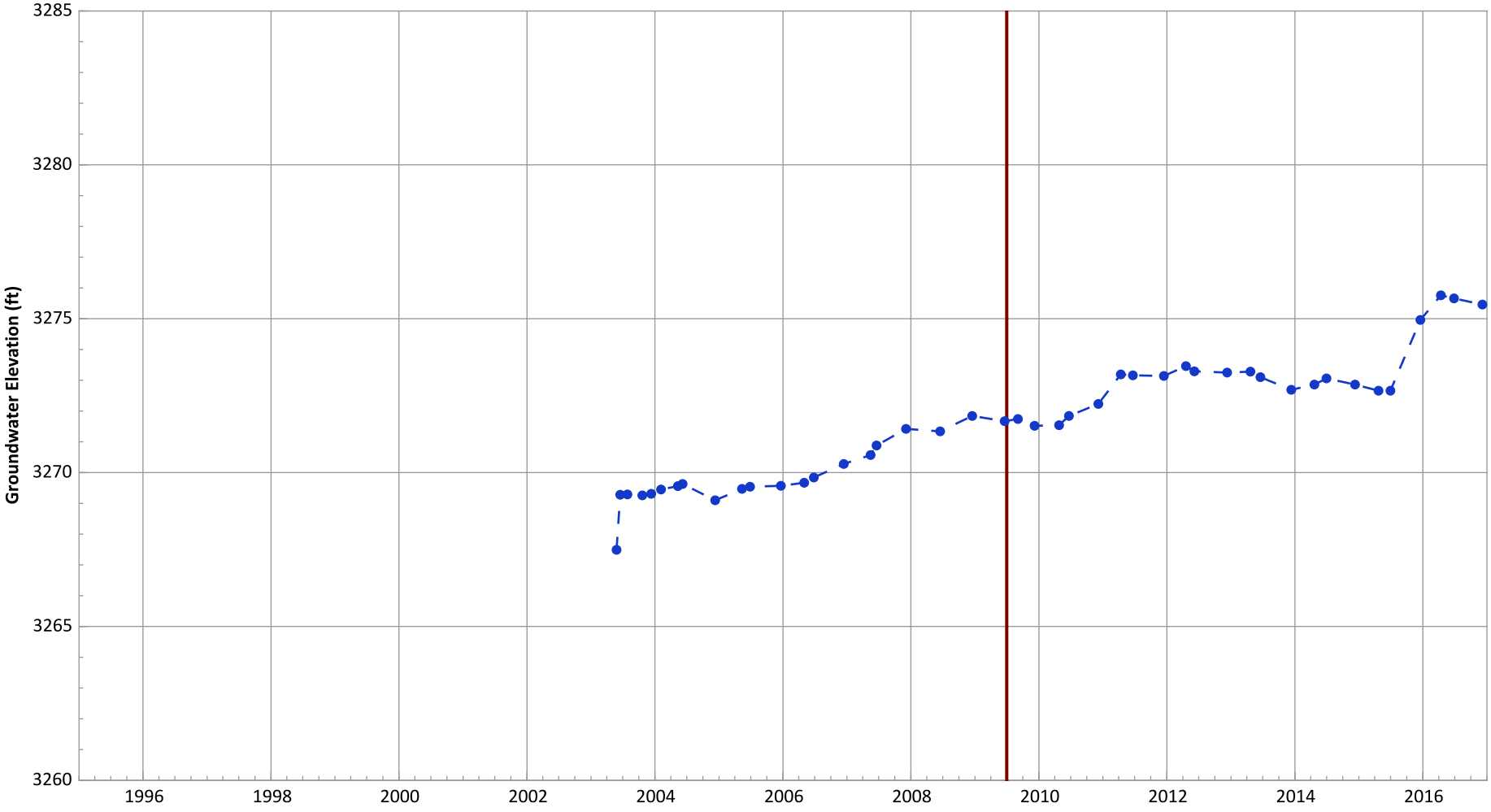
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.58 ft/yr
2014 - 2016 Data: Increasing at 3.23 ft/yr

PTX06-1086 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

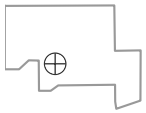


Notes:
1. Top of screen elevation is 3270.72 ft msl.
2. The bottom of screen elevation is 3225.72 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

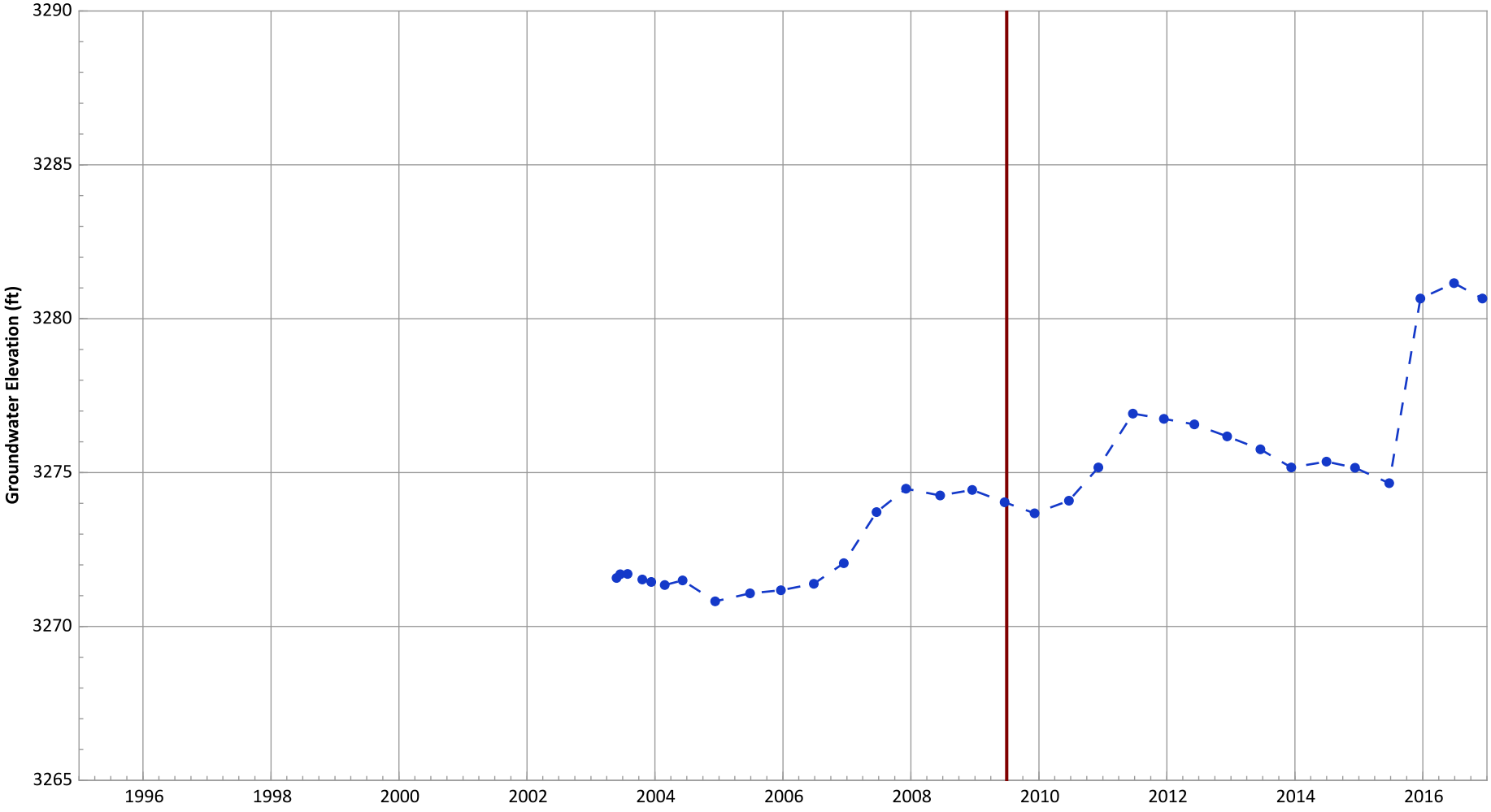
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.42 ft/yr
2014 - 2016 Data: Increasing at 2.11 ft/yr

PTX06-1087 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

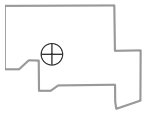


Notes:
1. Top of screen elevation is 3273.68 ft msl.
2. The bottom of screen elevation is 3243.68 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

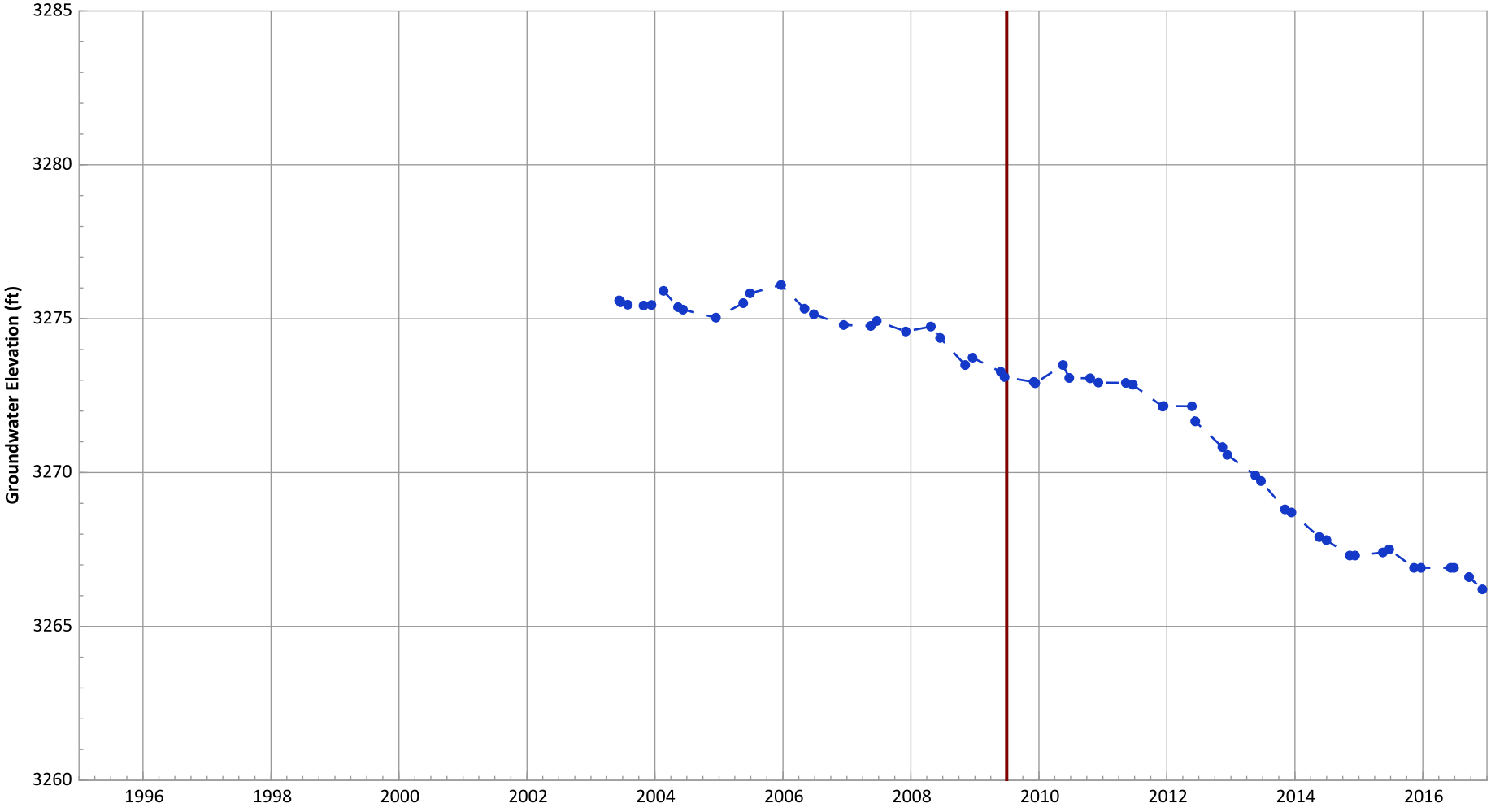
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.72 ft/yr
2014 - 2016 Data: Increasing at 3.81 ft/yr

PTX06-1088 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

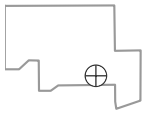


Notes:
1. Top of screen elevation is 3282.54 ft msl.
2. The bottom of screen elevation is 3247.54 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

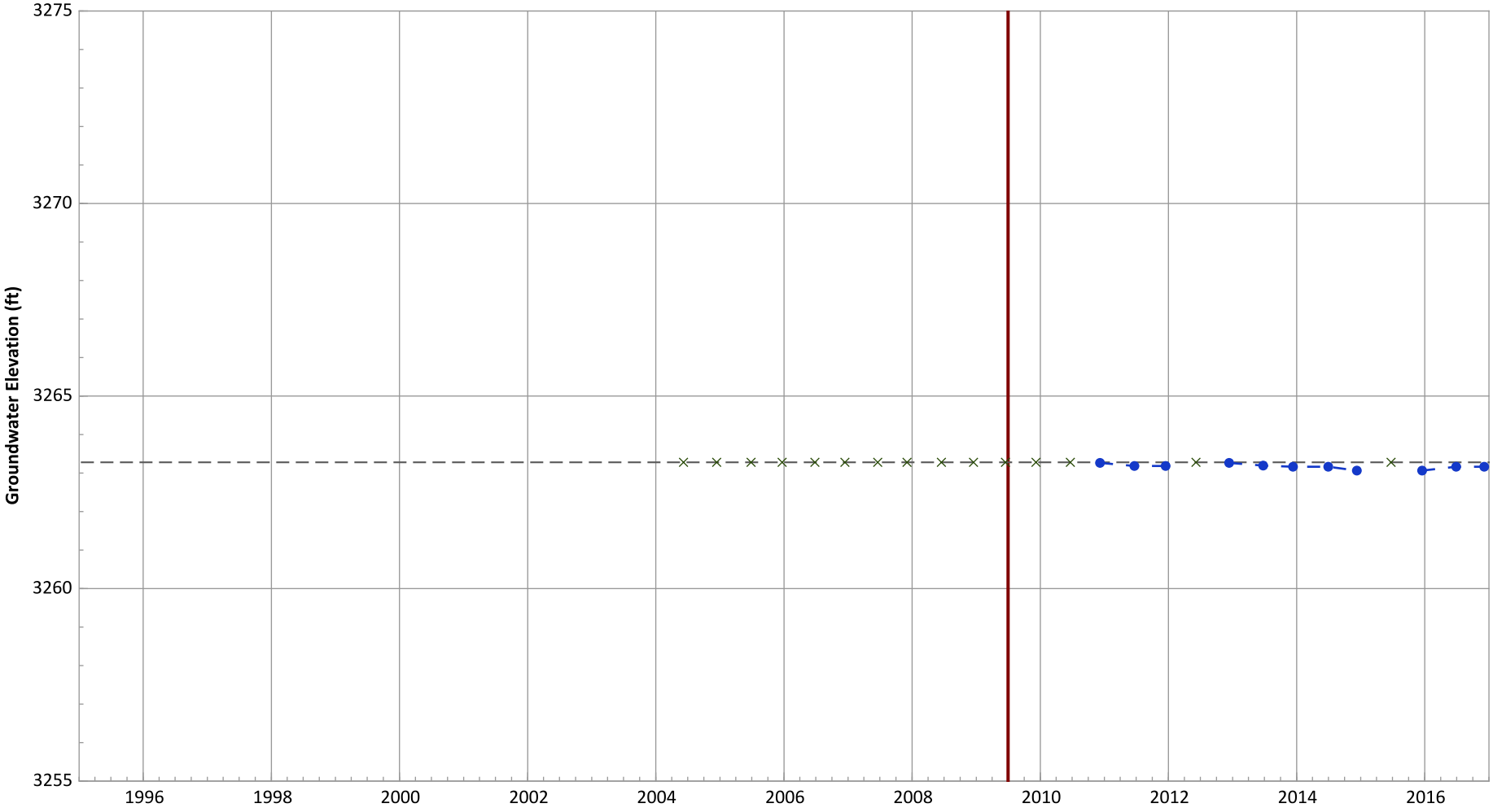
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.15 ft/yr
2014 - 2016 Data: Decreasing at 0.66 ft/yr

PTX06-1089 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

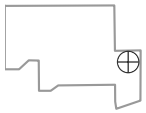


Notes:
1. Top of screen elevation is 3278.28 ft msl.
2. The bottom of screen elevation is 3263.28 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

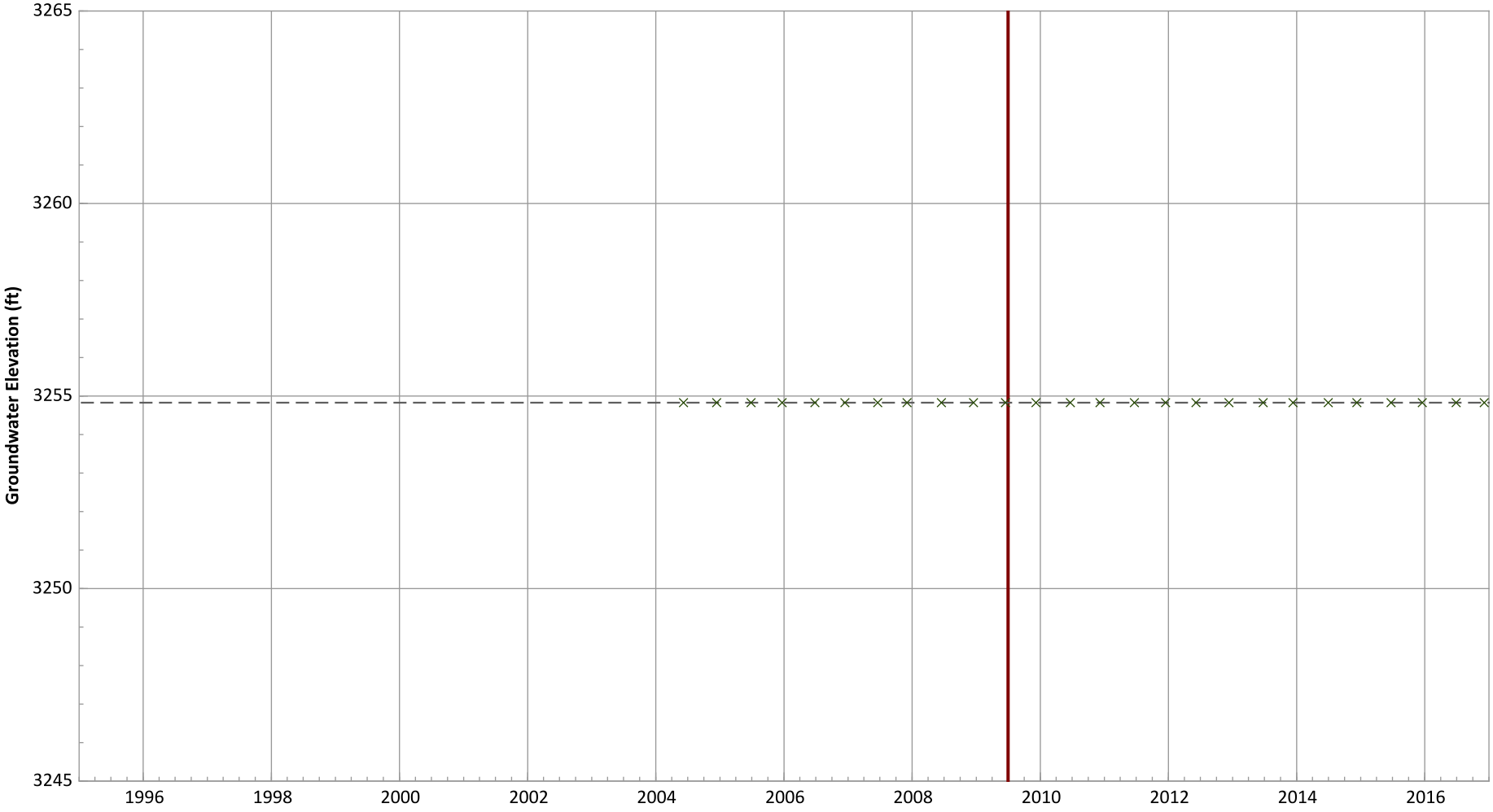
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: Increasing at 0.11 ft/yr

PTX06-1090 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

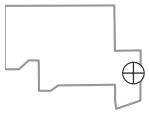


Notes:
1. Top of screen elevation is 3269.83 ft msl.
2. The bottom of screen elevation is 3254.83 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

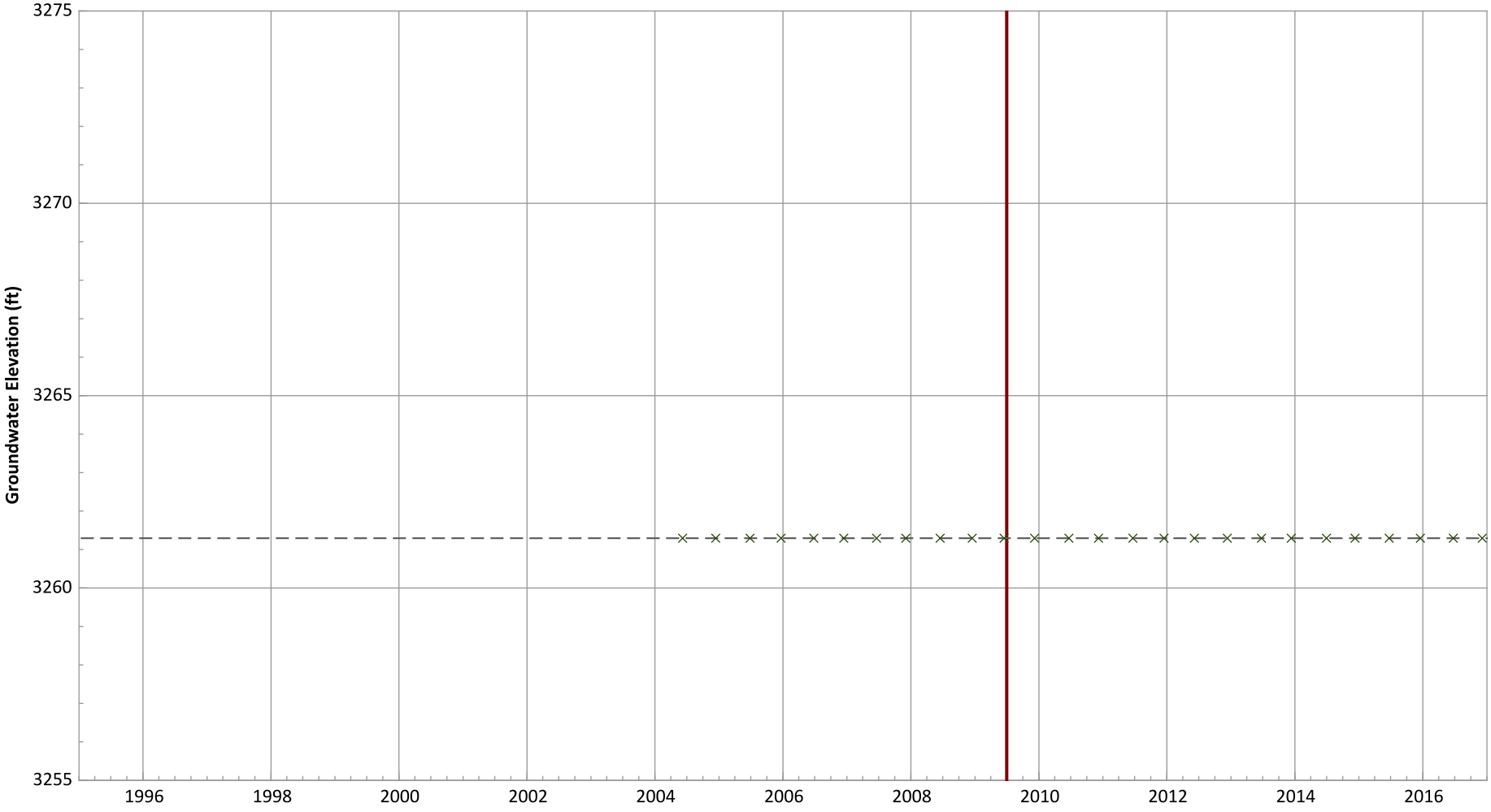
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-1091 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

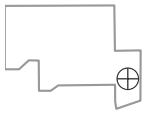


Notes:
1. Top of screen elevation is 3271.29 ft msl.
2. The bottom of screen elevation is 3261.29 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

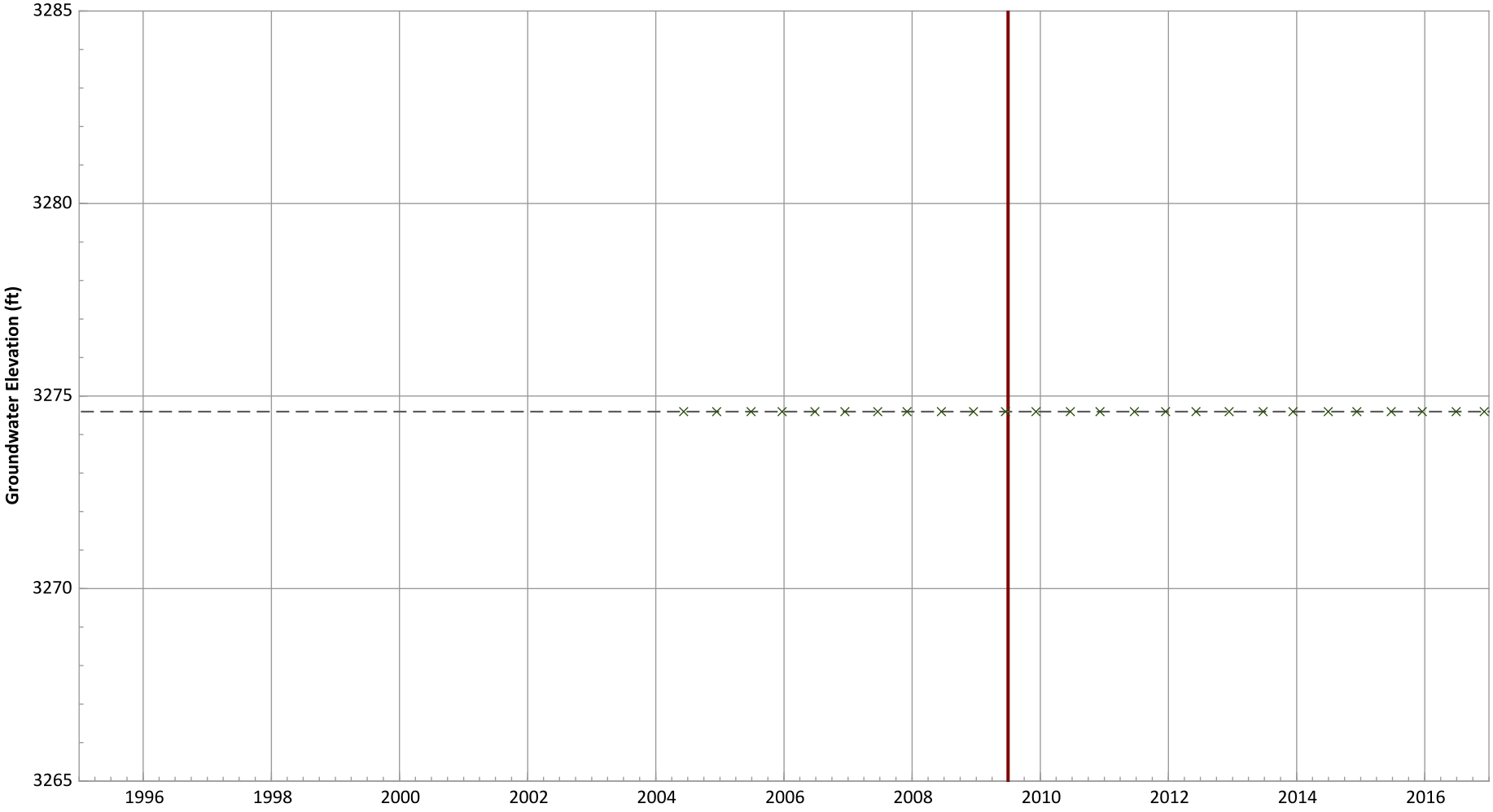
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-1093 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

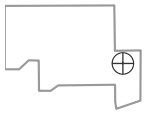


Notes:
1. Top of screen elevation is 3284.59 ft msl.
2. The bottom of screen elevation is 3274.59 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

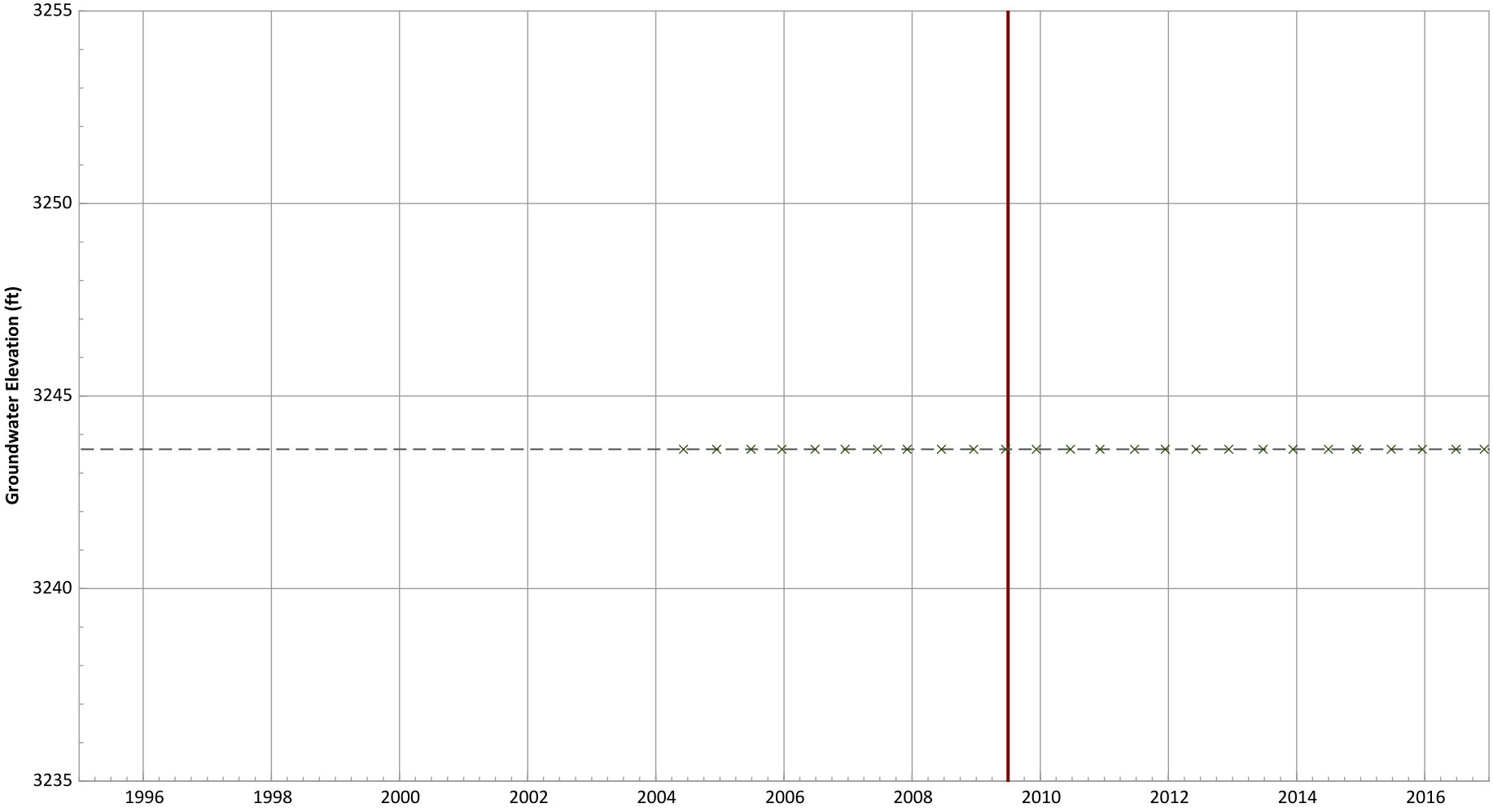
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-1094 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

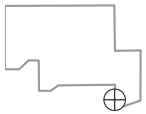


Notes:
1. Top of screen elevation is 3253.62 ft msl.
2. The bottom of screen elevation is 3243.62 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

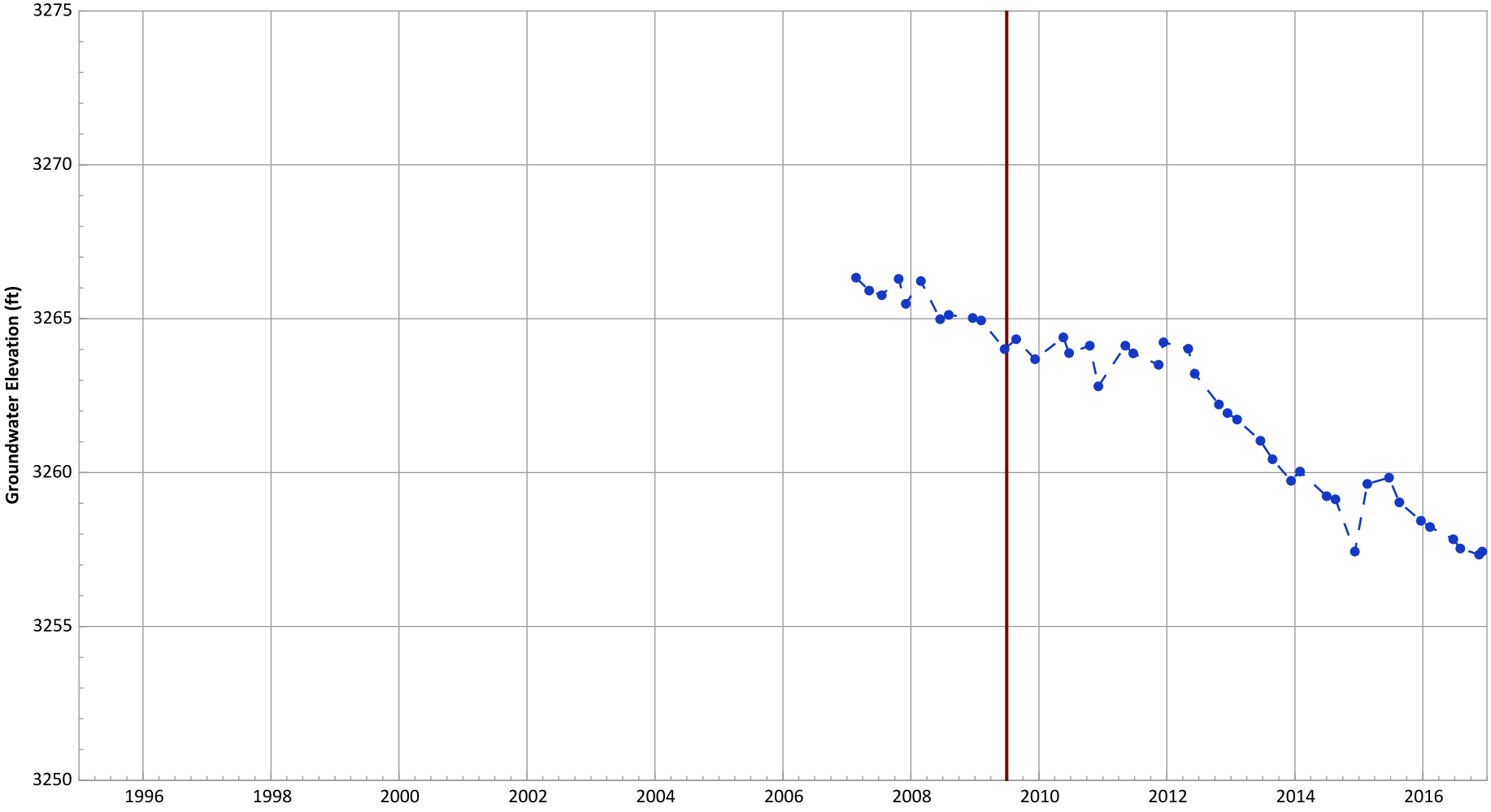
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-1095A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

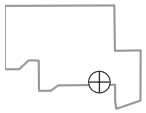


Notes:
1. Top of screen elevation is 3271.23 ft msl.
2. The bottom of screen elevation is 3246.23 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

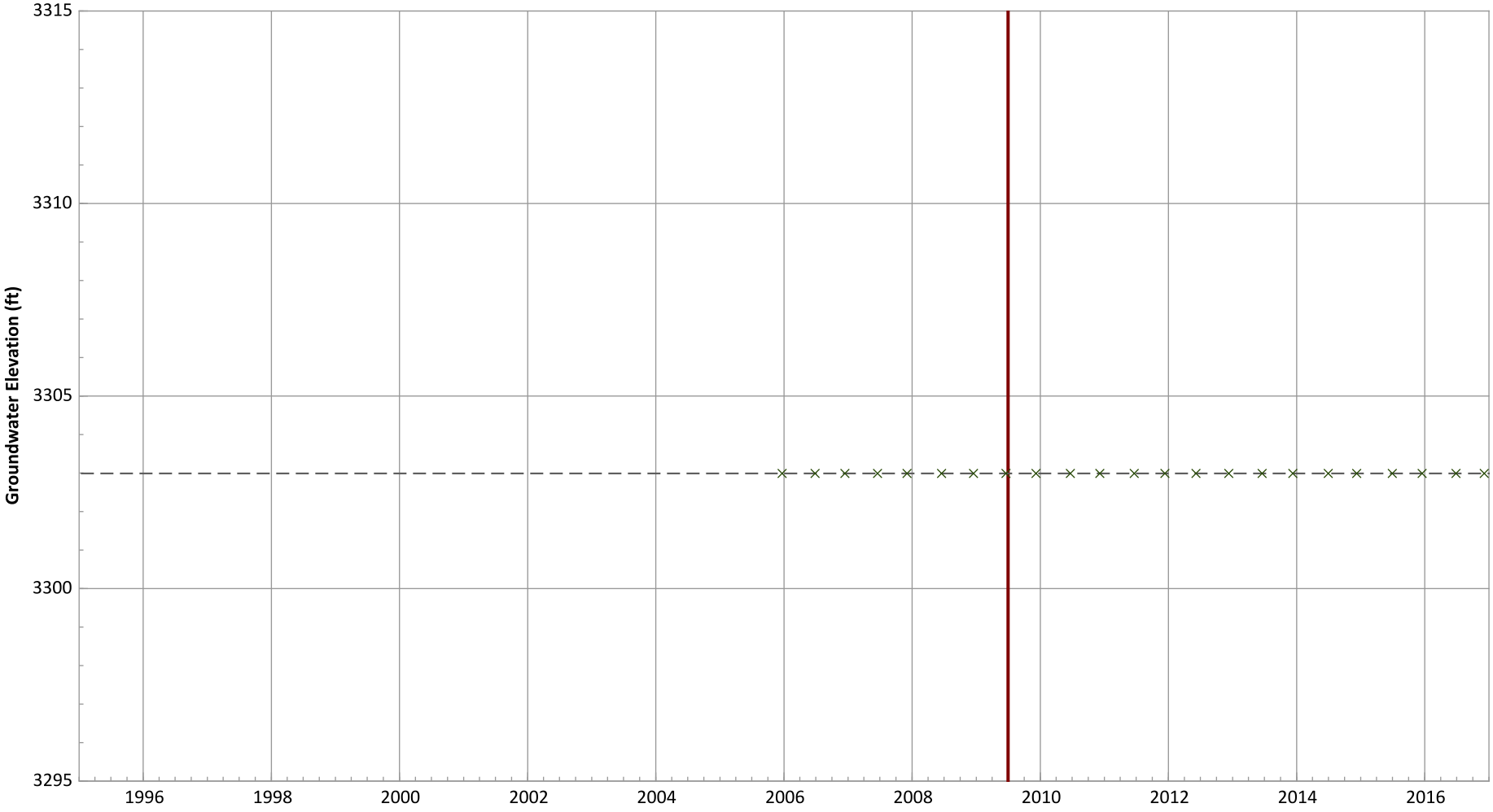
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.09 ft/yr
2014 - 2016 Data: Decreasing at 1.44 ft/yr

PTX06-1096A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

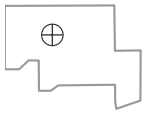


Notes:
1. Top of screen elevation is 3317.99 ft msl.
2. The bottom of screen elevation is 3302.99 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

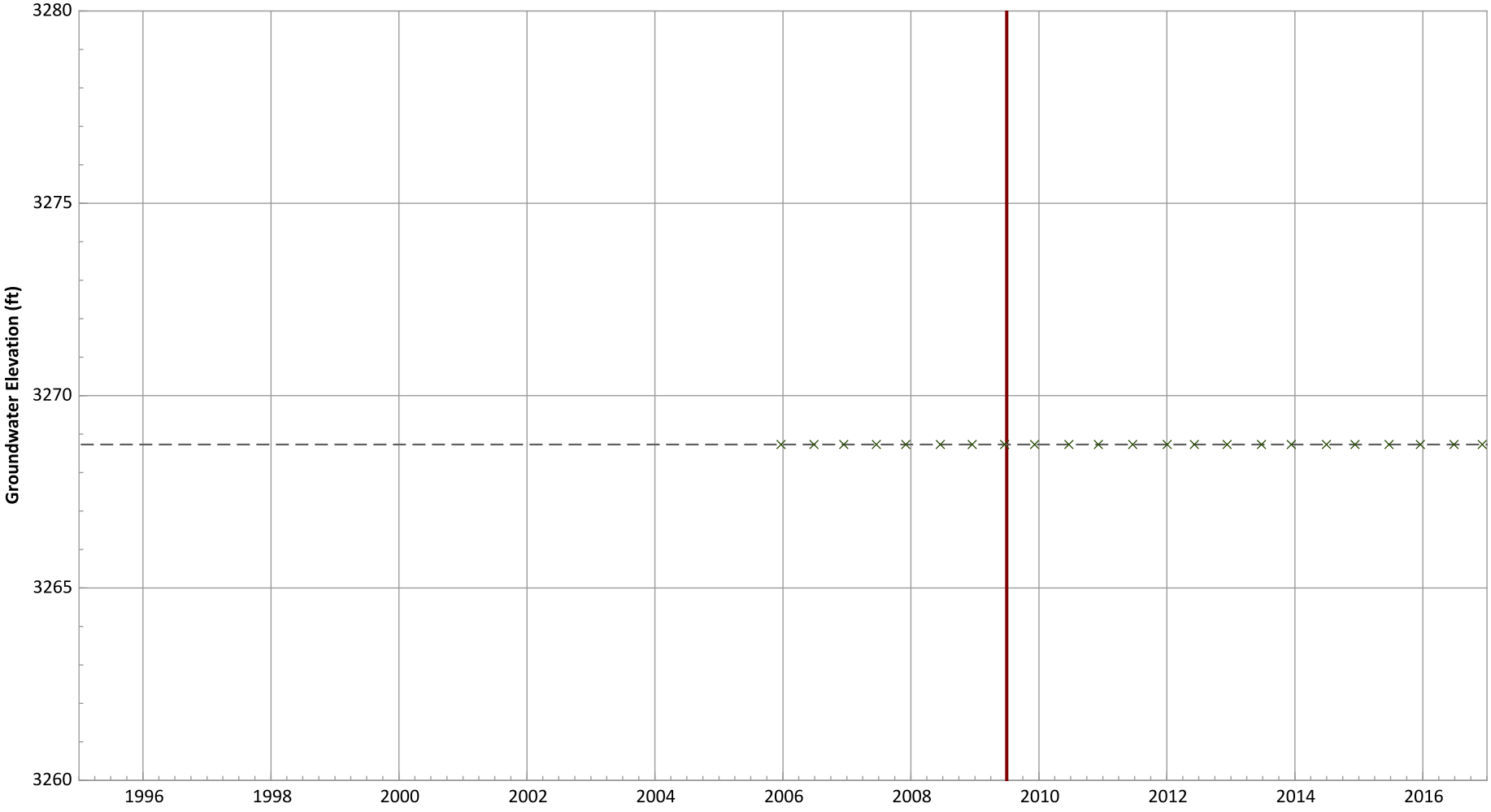
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-1097 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

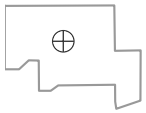


Notes:
1. Top of screen elevation is 3283.73 ft msl.
2. The bottom of screen elevation is 3268.73 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

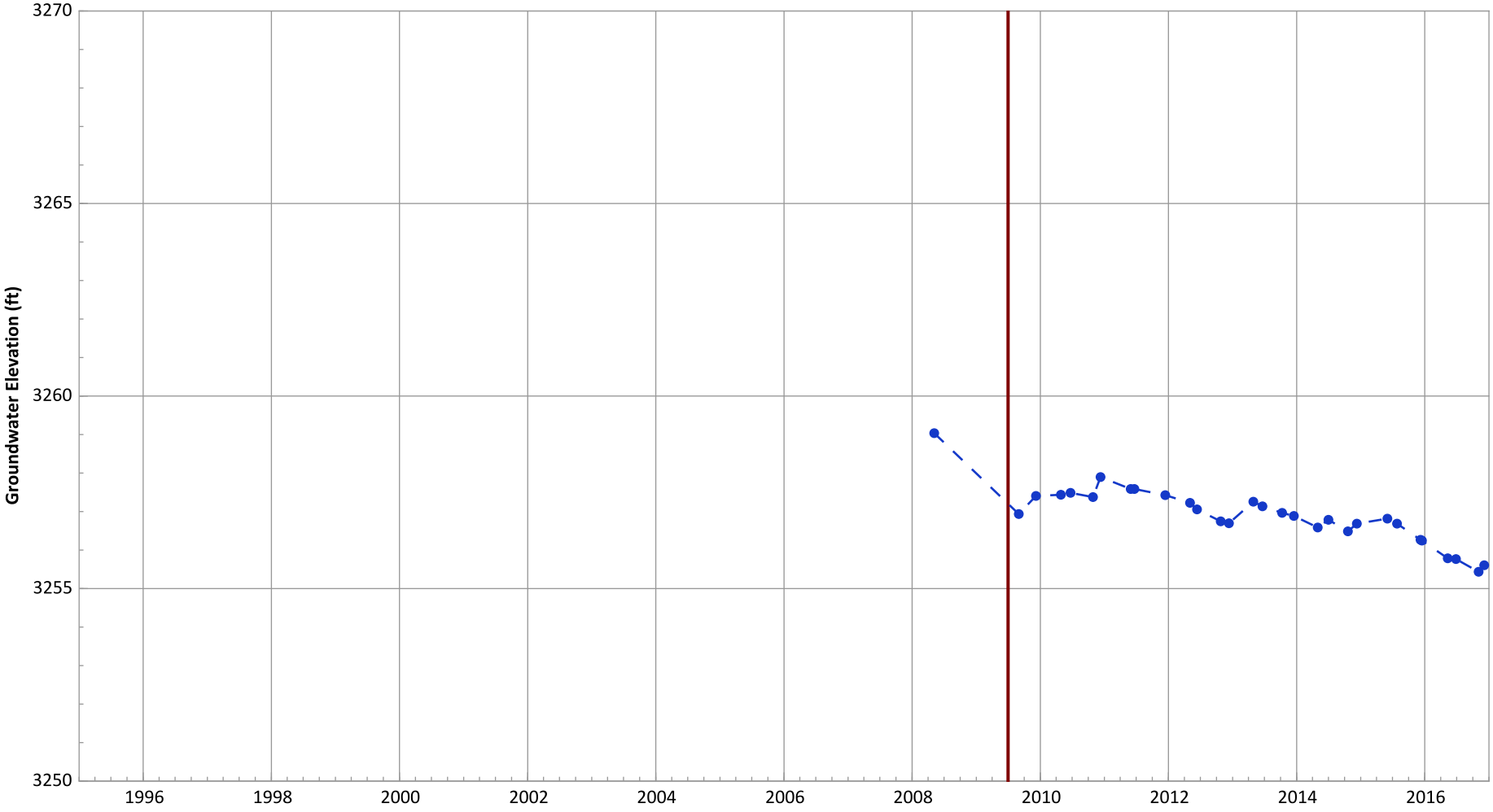
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-1098 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

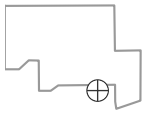


Notes:
1. Top of screen elevation is 3276.74 ft msl.
2. The bottom of screen elevation is 3241.74 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

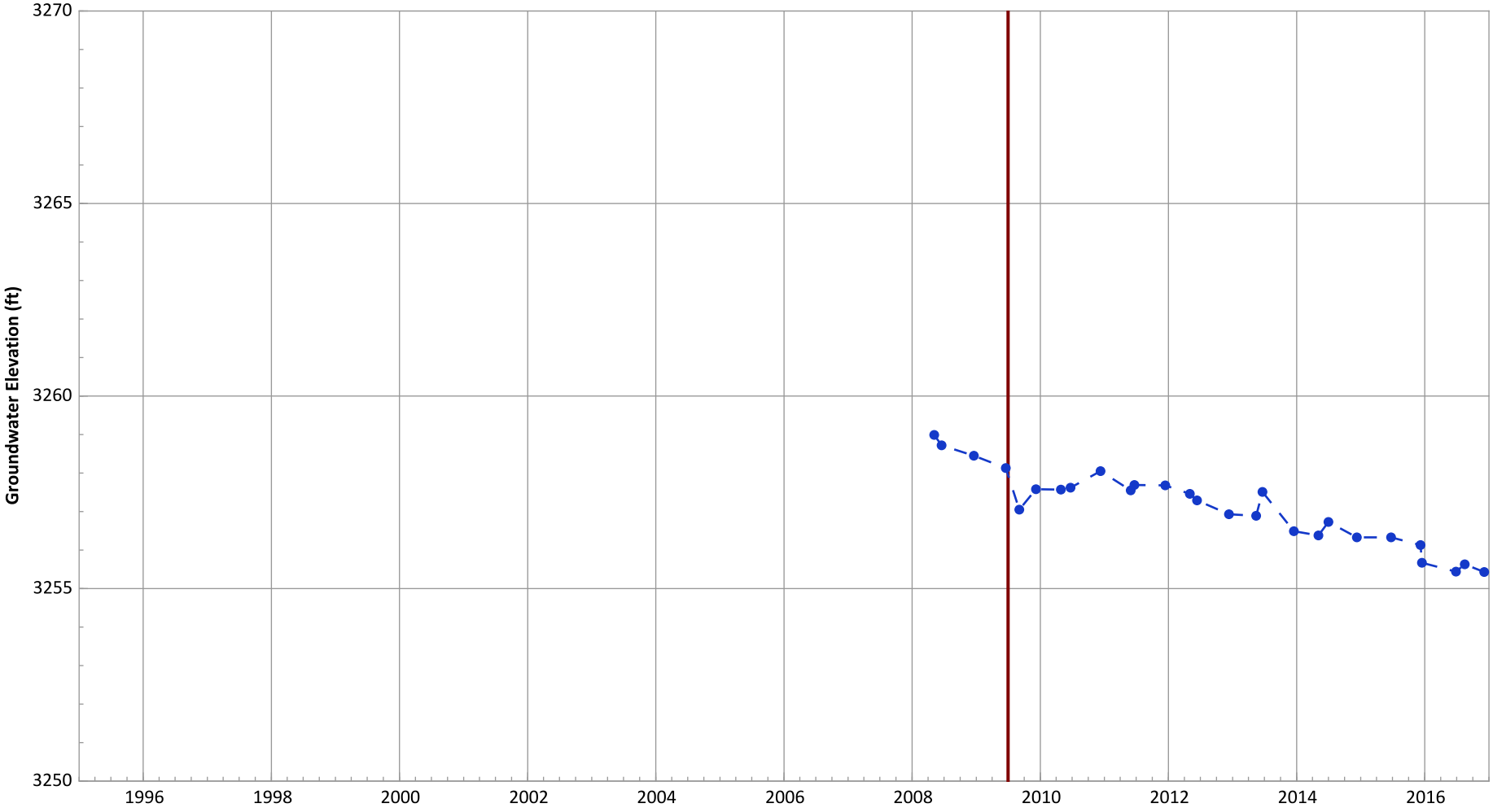
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.24 ft/yr
2014 - 2016 Data: Decreasing at 0.89 ft/yr

PTX06-1100 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

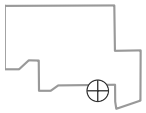


Notes:
1. Top of screen elevation is 3259.7 ft msl.
2. The bottom of screen elevation is 3244.7 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

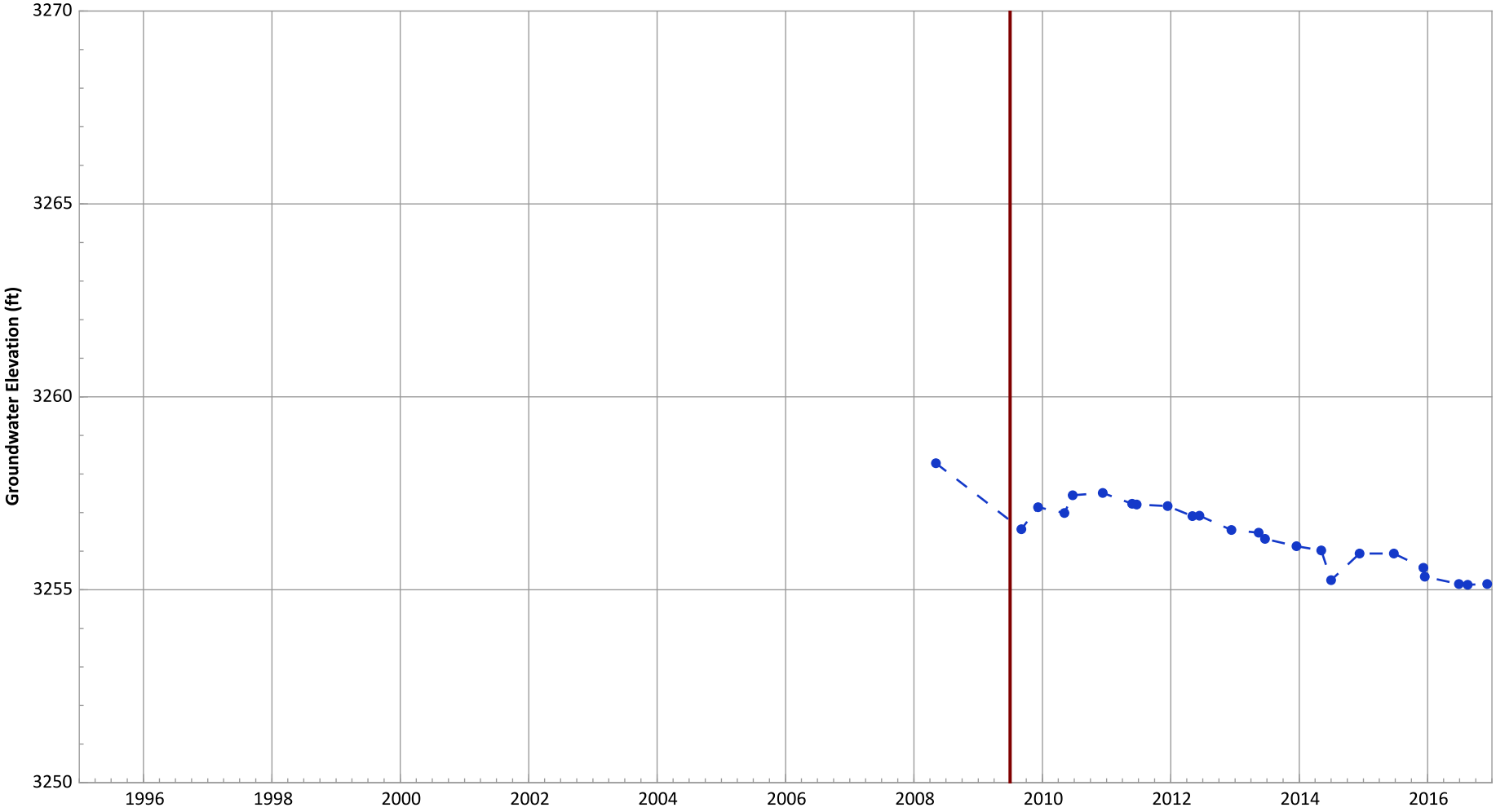
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.32 ft/yr
2014 - 2016 Data: Decreasing at 0.61 ft/yr

PTX06-1101 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

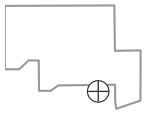


Notes:
1. Top of screen elevation is 3258.8 ft msl.
2. The bottom of screen elevation is 3243.8 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

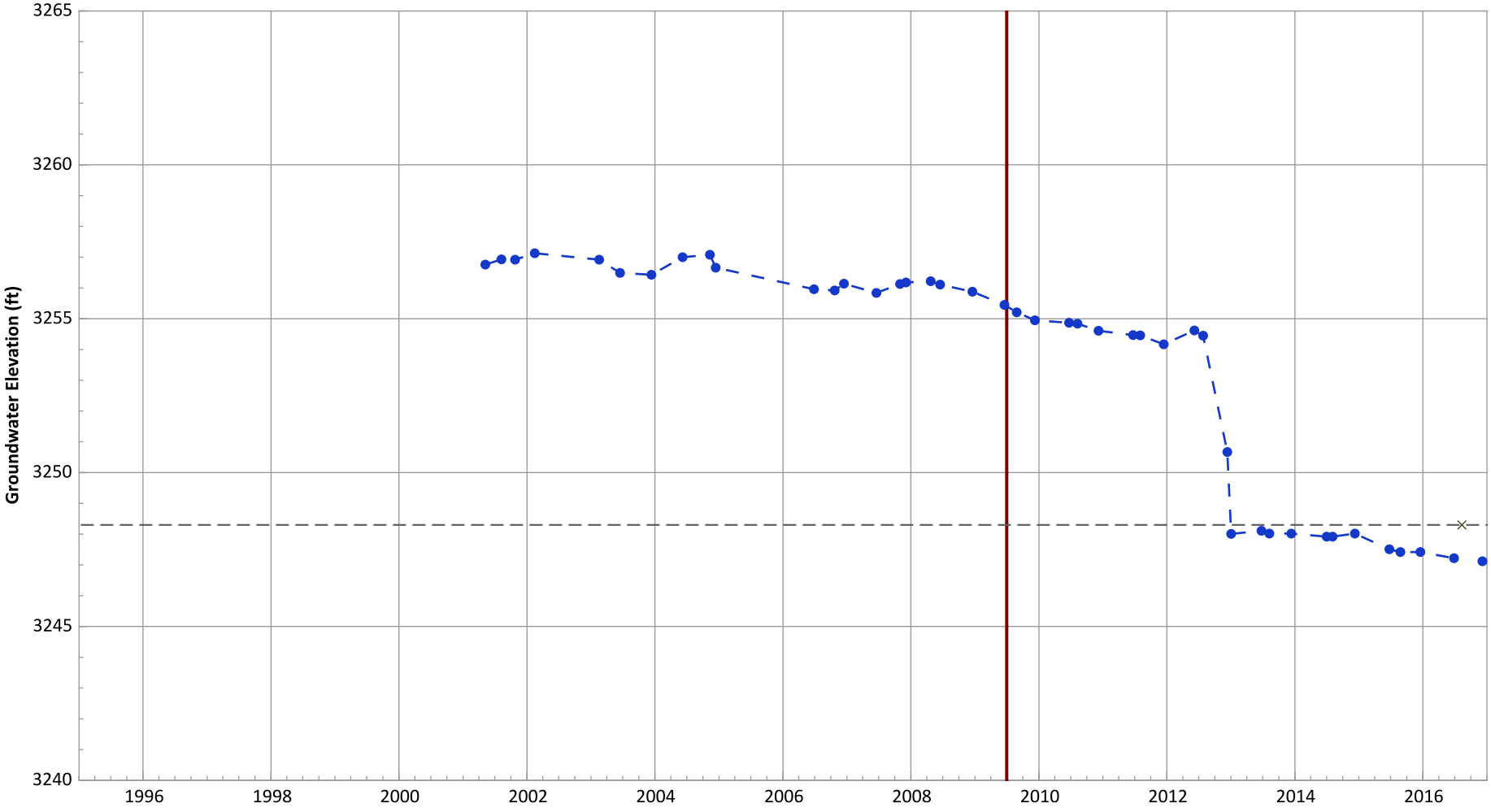
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.32 ft/yr
2014 - 2016 Data: Decreasing at 0.55 ft/yr

PTX06-1102 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

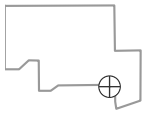


Notes:
1. Top of screen elevation is 3288.3 ft msl.
2. The bottom of screen elevation is 3248.3 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

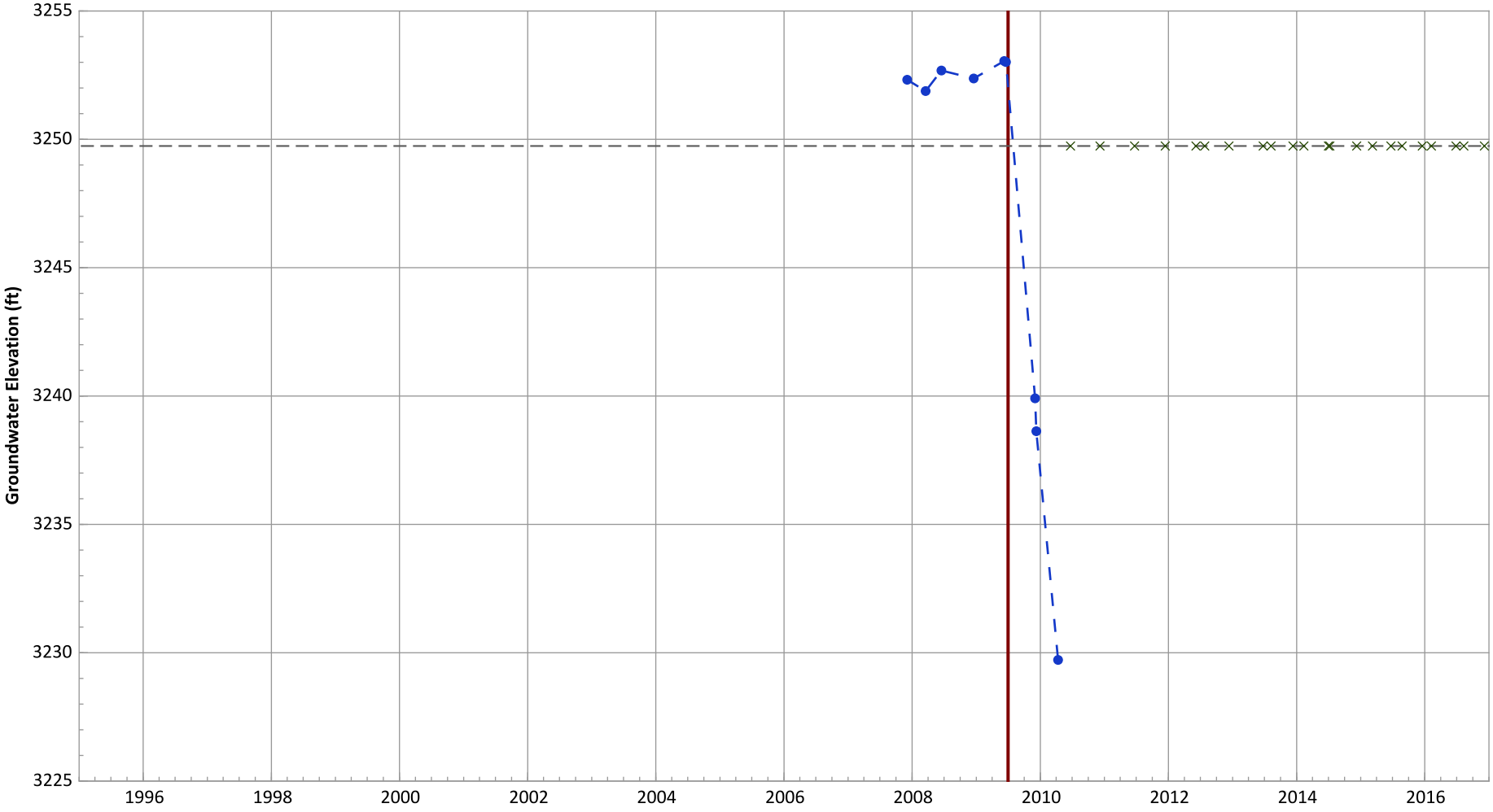
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.45 ft/yr
2014 - 2016 Data: Decreasing at 0.26 ft/yr

PTX06-1103 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

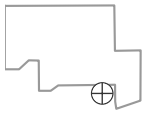


Notes:
1. Top of screen elevation is 3259.74 ft msl.
2. The bottom of screen elevation is 3249.74 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

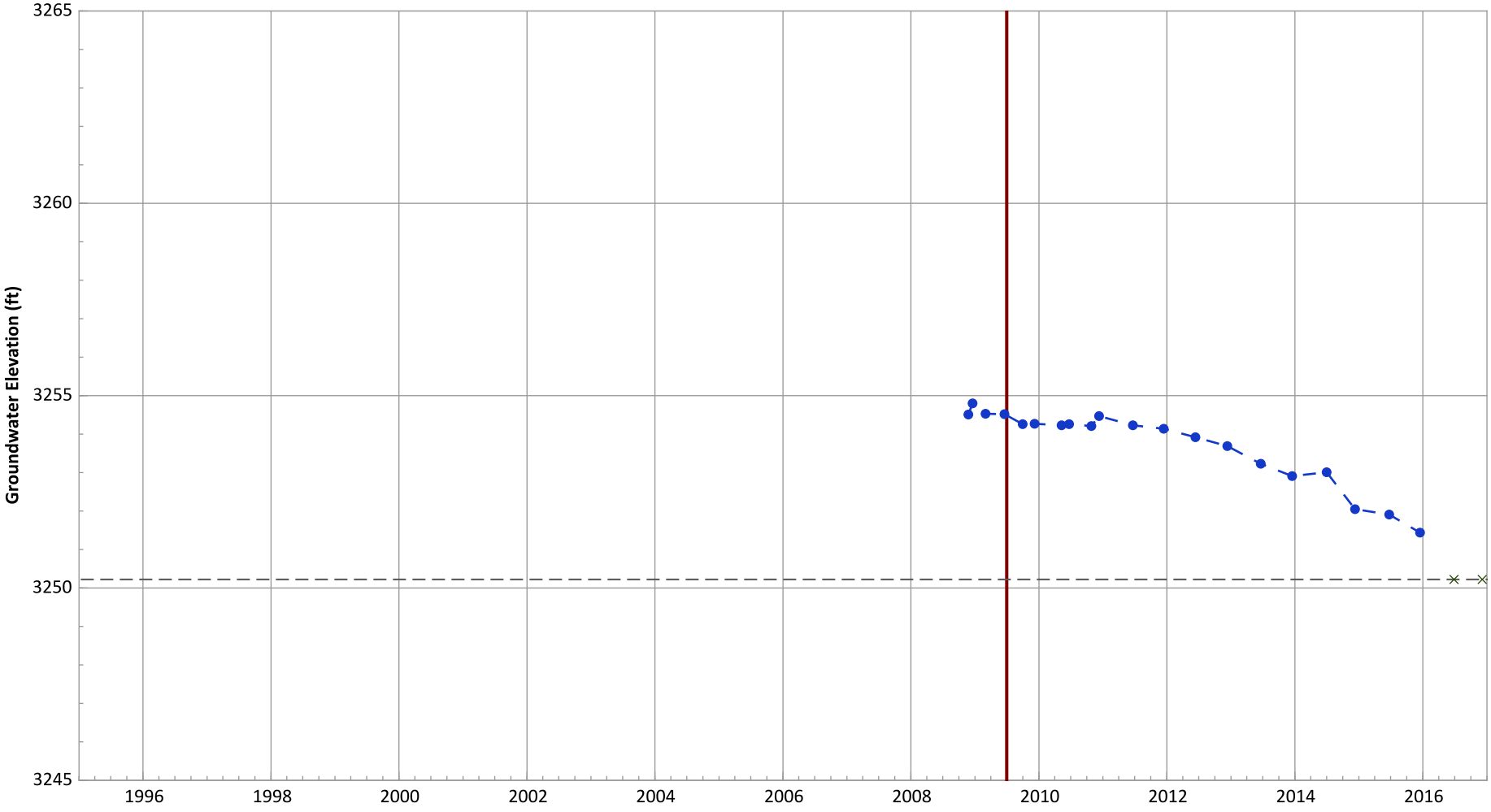
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 27.43 ft/yr
2014 - 2016 Data: N/A (No Measurements)

PTX06-1104 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

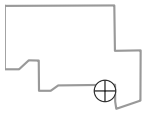


Notes:
1. Top of screen elevation is 3265.22 ft msl.
2. The bottom of screen elevation is 3250.22 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

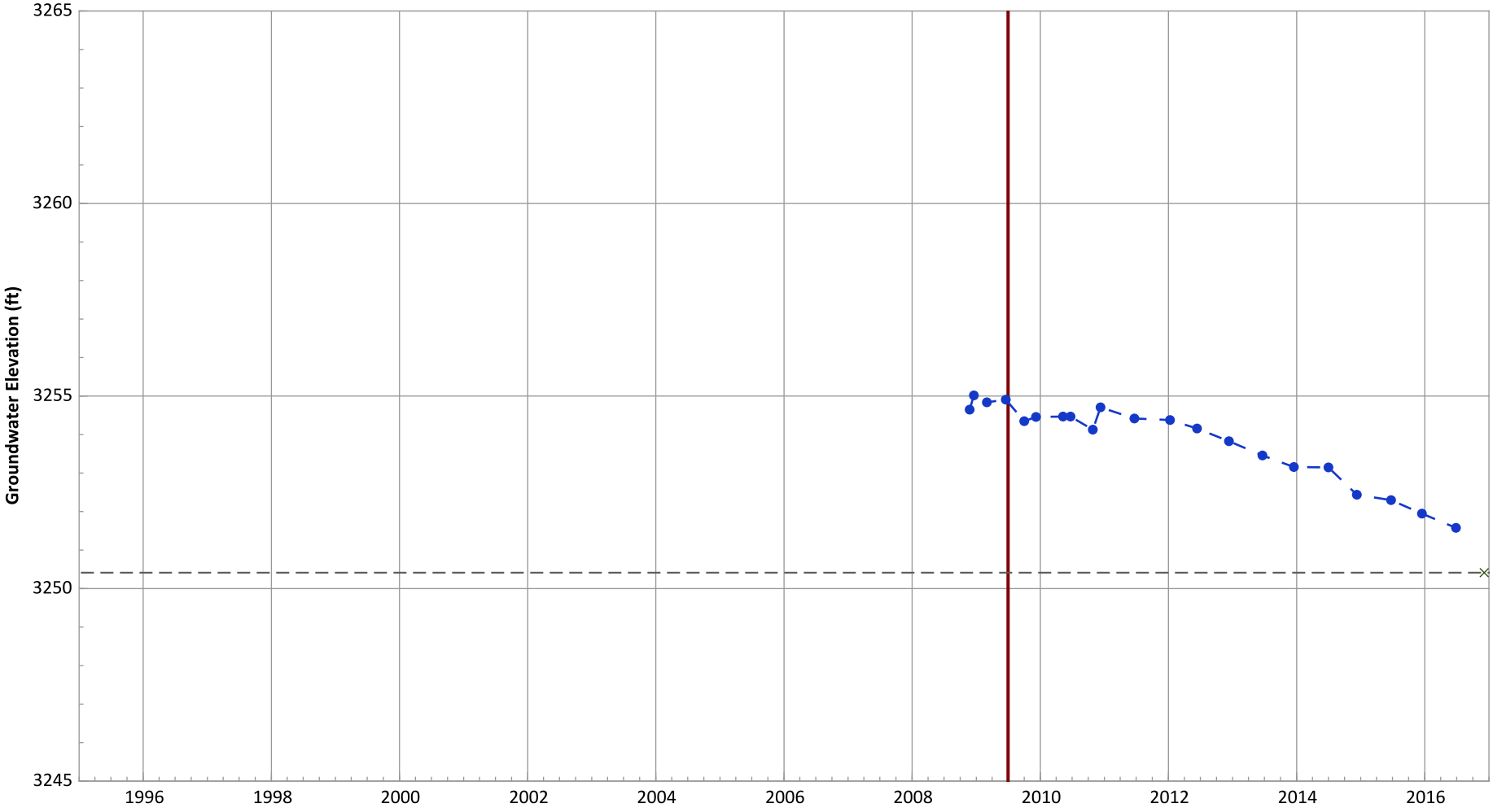
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.45 ft/yr
2014 - 2016 Data: Decreasing at 0.97 ft/yr

PTX06-1105 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

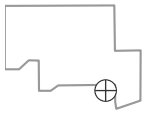


Notes:
1. Top of screen elevation is 3265.41 ft msl.
2. The bottom of screen elevation is 3250.41 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

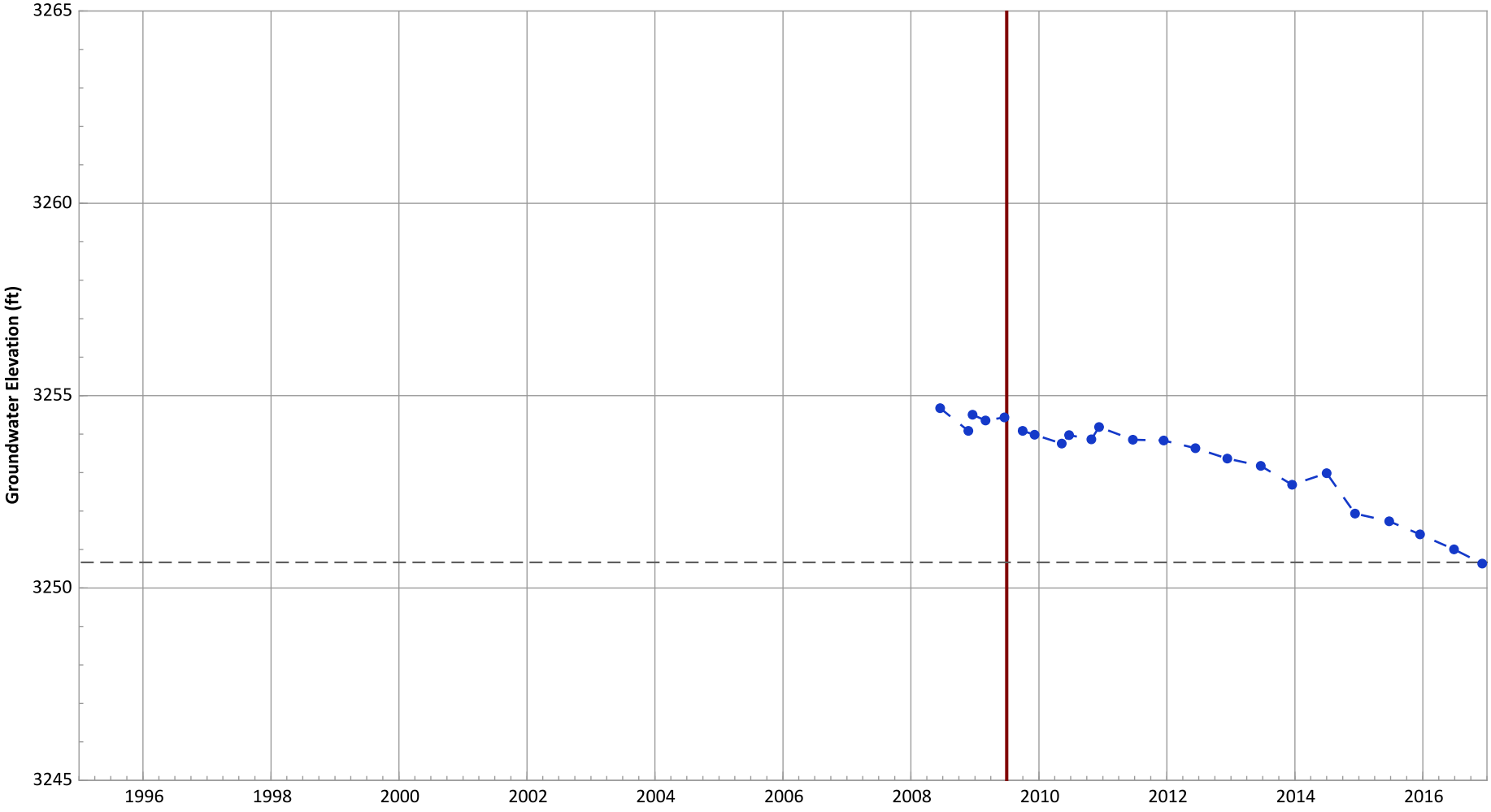
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.43 ft/yr
2014 - 2016 Data: Decreasing at 0.71 ft/yr

PTX06-1106 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

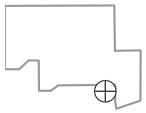


Notes:
1. Top of screen elevation is 3265.67 ft msl.
2. The bottom of screen elevation is 3250.67 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

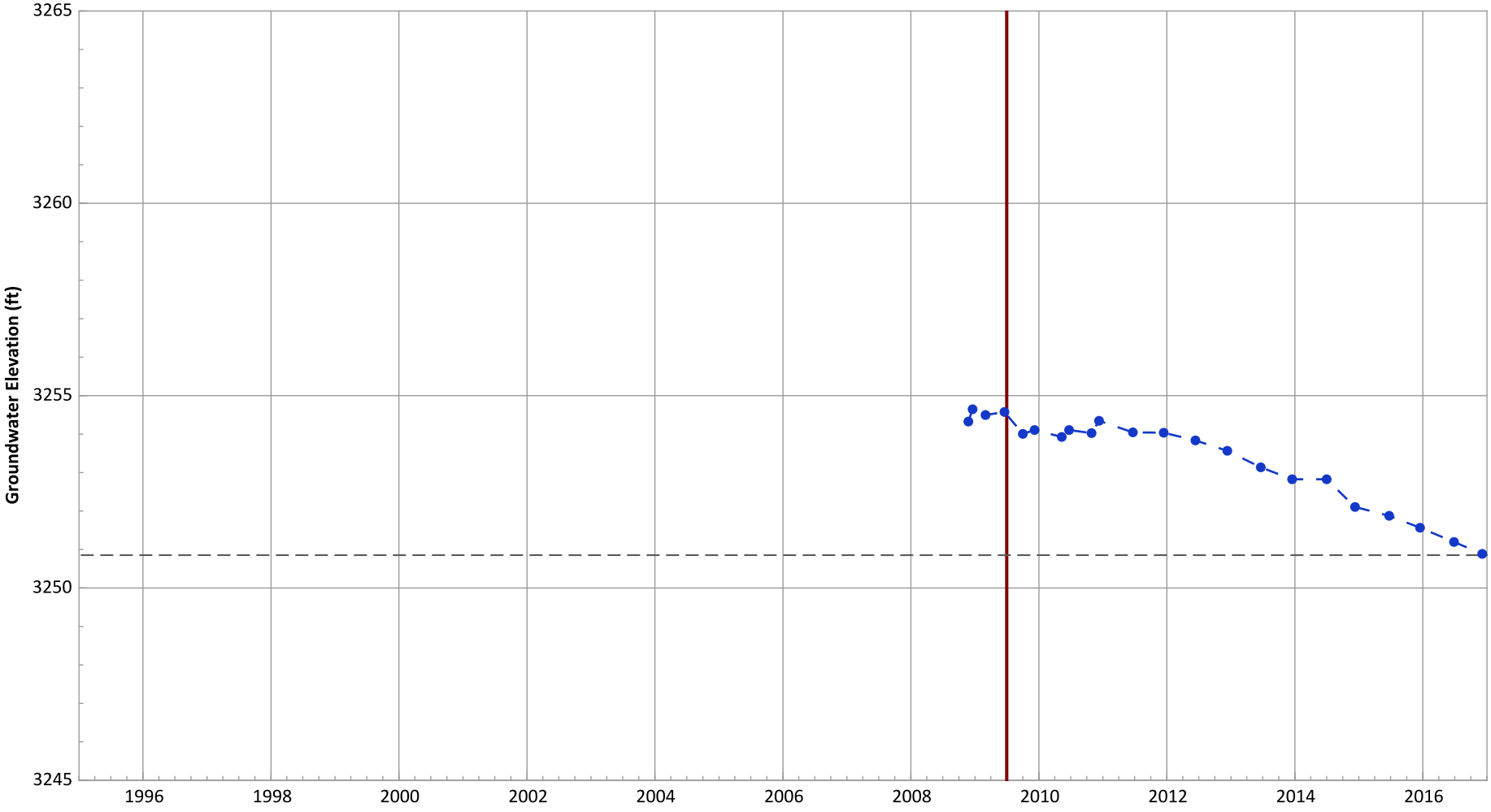
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.46 ft/yr
2014 - 2016 Data: Decreasing at 0.75 ft/yr

PTX06-1107 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

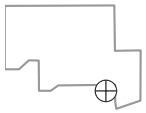


Notes:
1. Top of screen elevation is 3262.85 ft msl.
2. The bottom of screen elevation is 3250.85 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

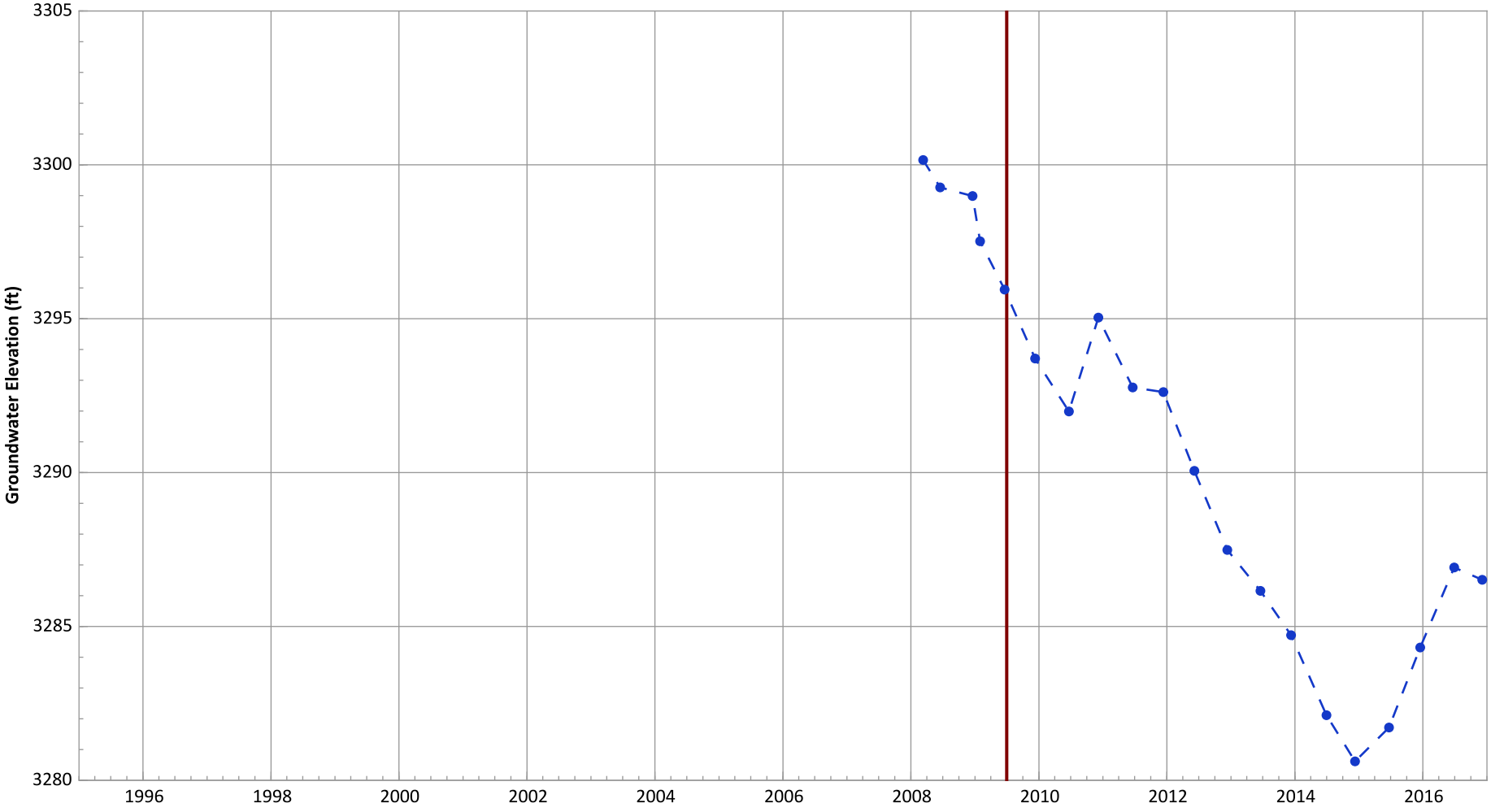
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.46 ft/yr
2014 - 2016 Data: Decreasing at 0.68 ft/yr

PTX06-1109 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

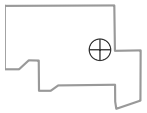


Notes:
1. Top of screen elevation is 3268.25 ft msl.
2. The bottom of screen elevation is 3258.25 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

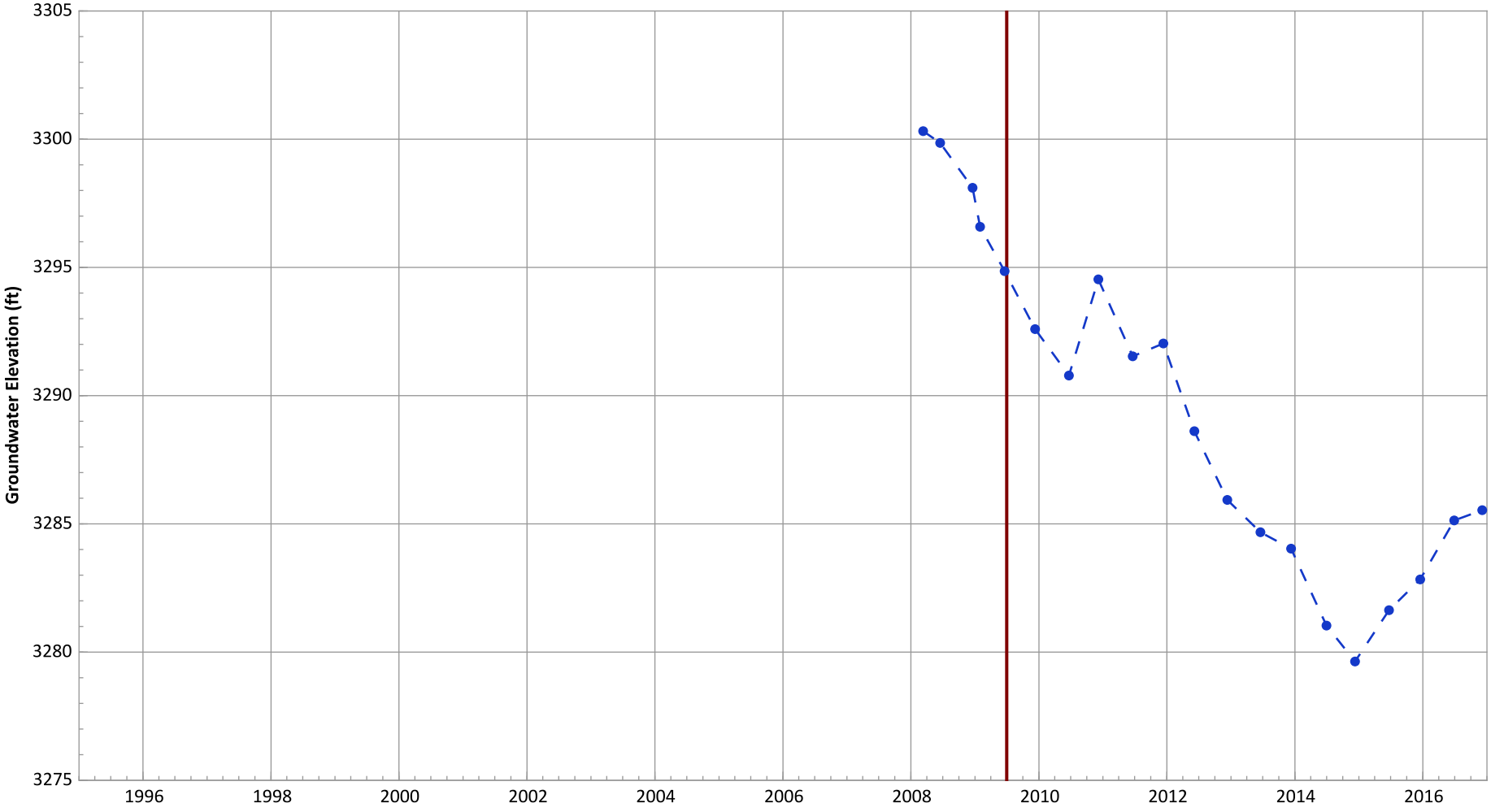
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.66 ft/yr
2014 - 2016 Data: Increasing at 3.51 ft/yr

PTX06-1110 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

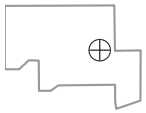


Notes:
1. Top of screen elevation is 3268.51 ft msl.
2. The bottom of screen elevation is 3258.51 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

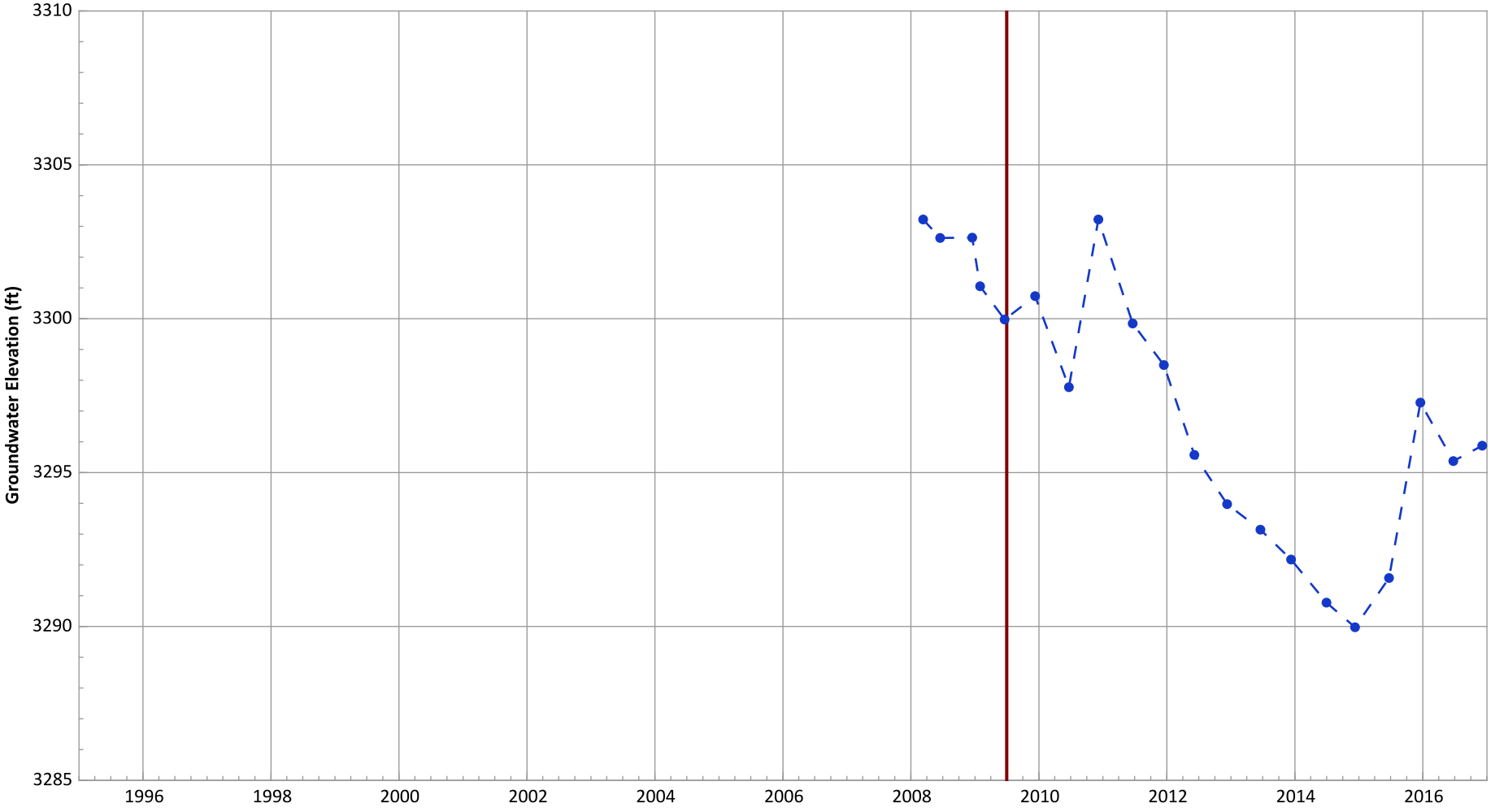
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.68 ft/yr
2014 - 2016 Data: Increasing at 2.88 ft/yr

PTX06-1112 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

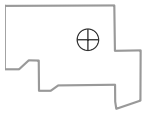


Notes:
1. Top of screen elevation is 3278.44 ft msl.
2. The bottom of screen elevation is 3268.44 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

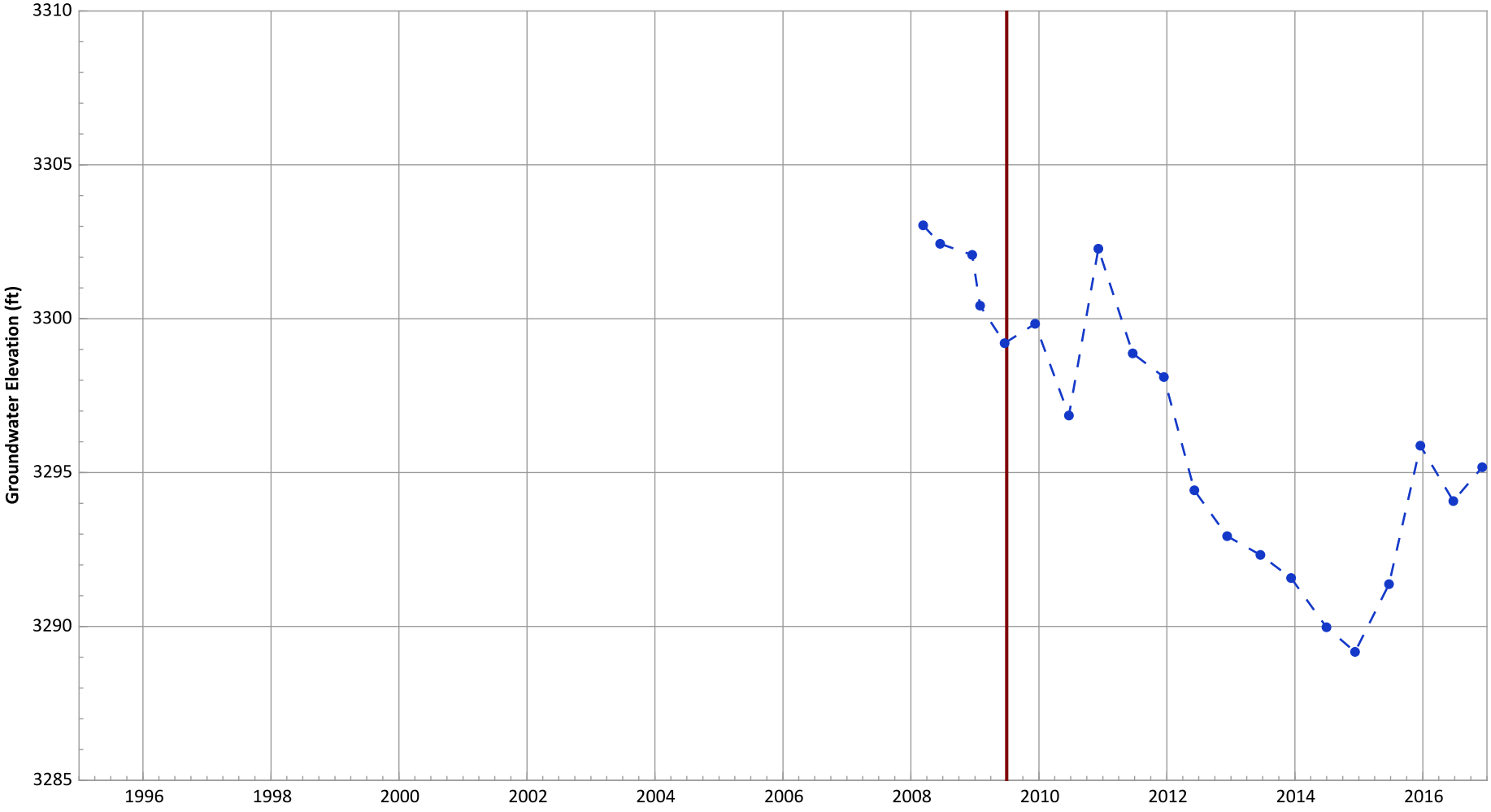
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.06 ft/yr
2014 - 2016 Data: Increasing at 2.25 ft/yr

PTX06-1113 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

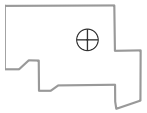


Notes:
1. Top of screen elevation is 3278.58 ft msl.
2. The bottom of screen elevation is 3268.58 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

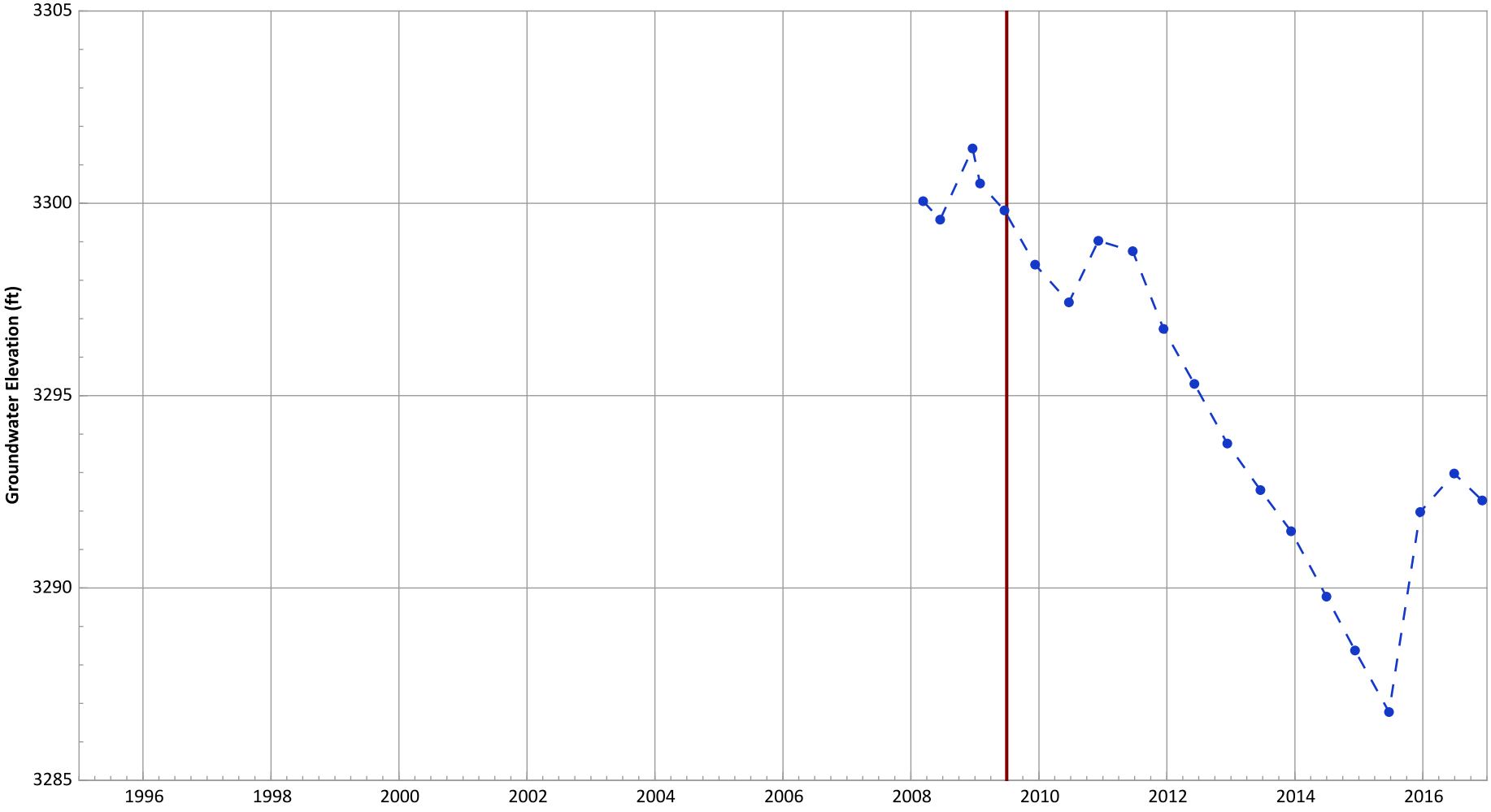
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.06 ft/yr
2014 - 2016 Data: Increasing at 1.96 ft/yr

PTX06-1115 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

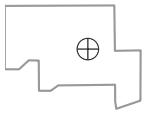


Notes:
1. Top of screen elevation is 3273.18 ft msl.
2. The bottom of screen elevation is 3263.18 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

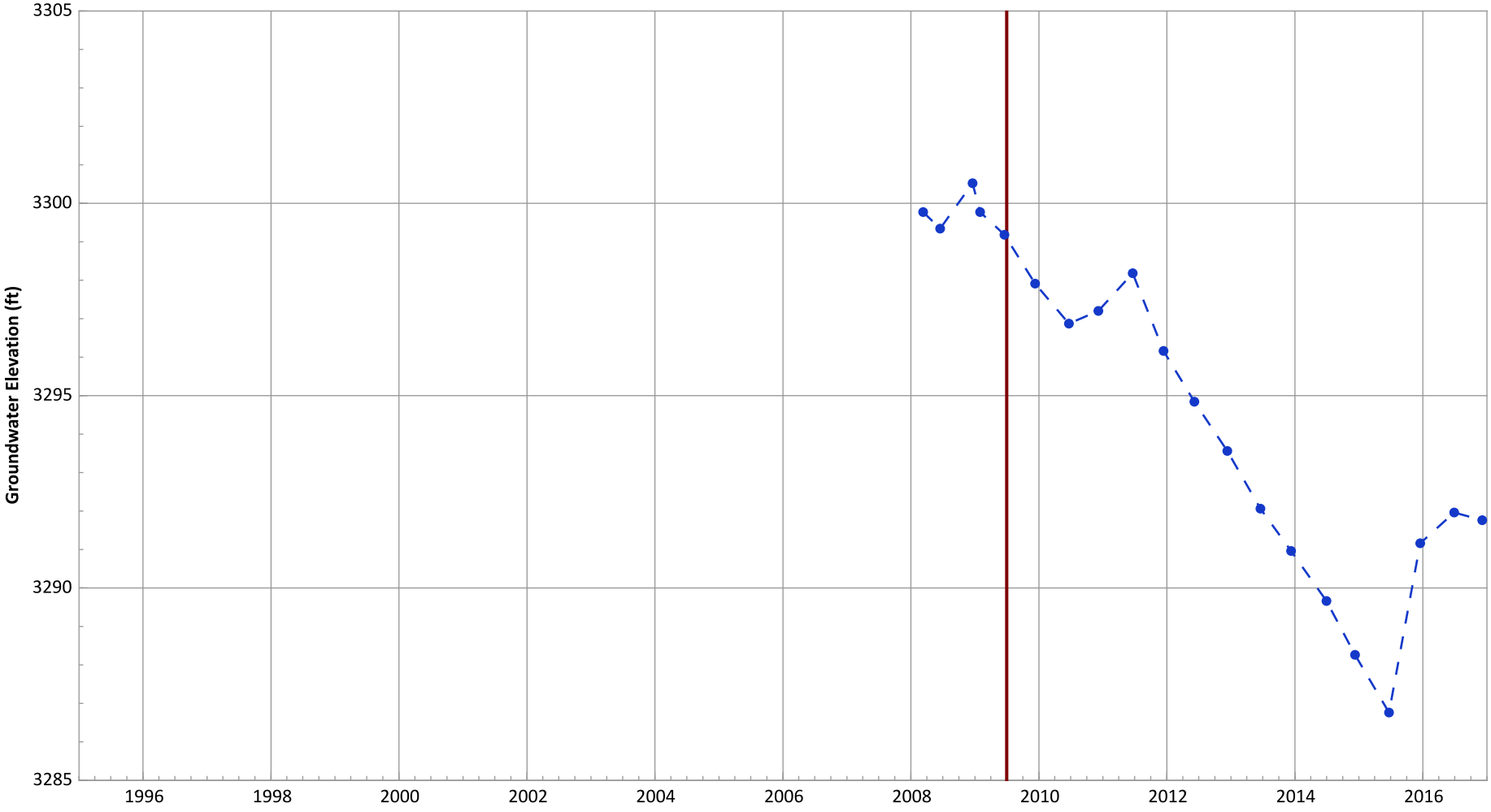
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.36 ft/yr
2014 - 2016 Data: Increasing at 3.61 ft/yr

PTX06-1116 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

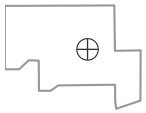


Notes:
1. Top of screen elevation is 3278.26 ft msl.
2. The bottom of screen elevation is 3268.26 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

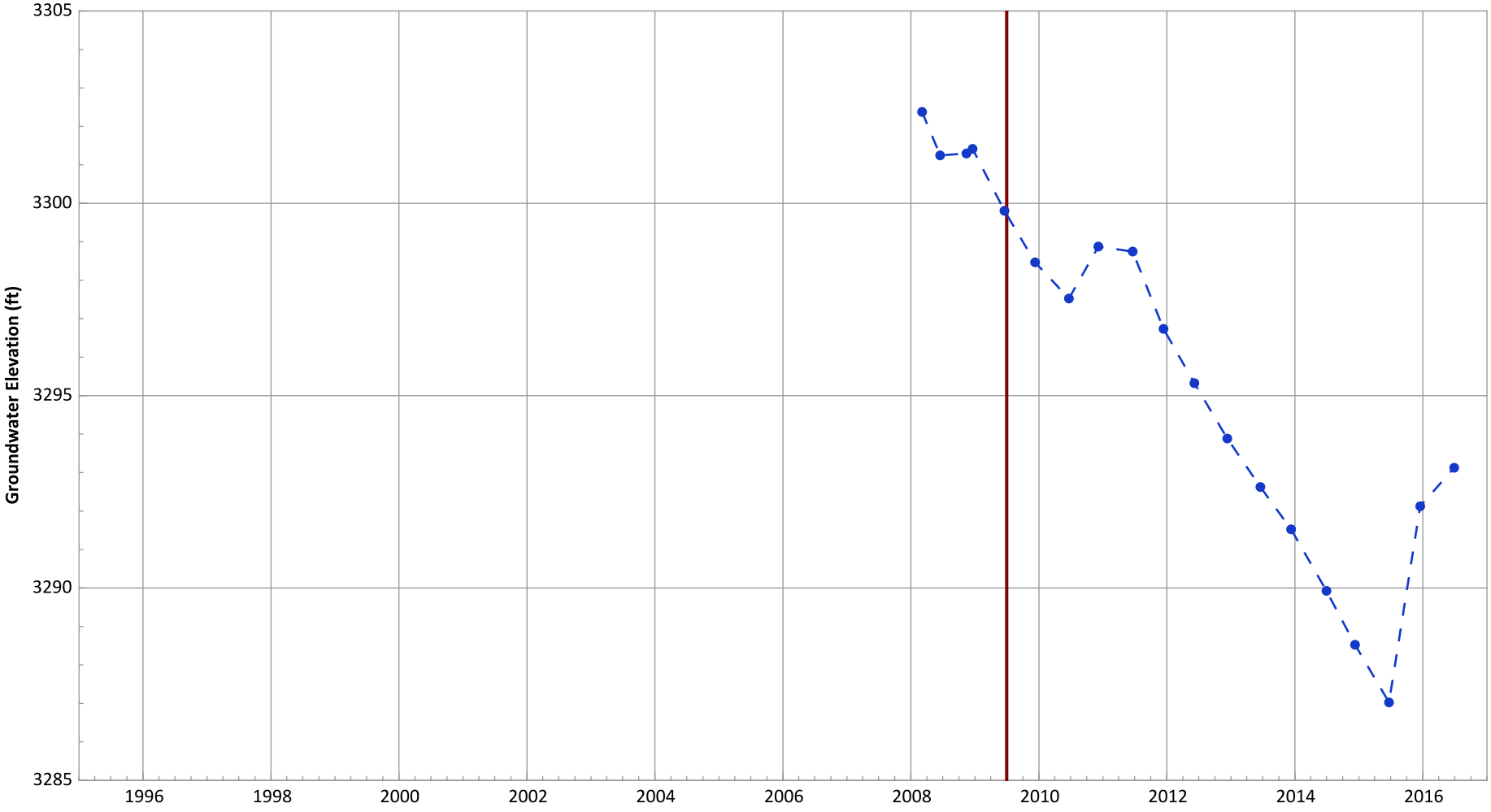
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.32 ft/yr
2014 - 2016 Data: Increasing at 3.25 ft/yr

PTX06-1117 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

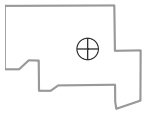


Notes:
1. Top of screen elevation is 3317.97 ft msl.
2. The bottom of screen elevation is 3267.97 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

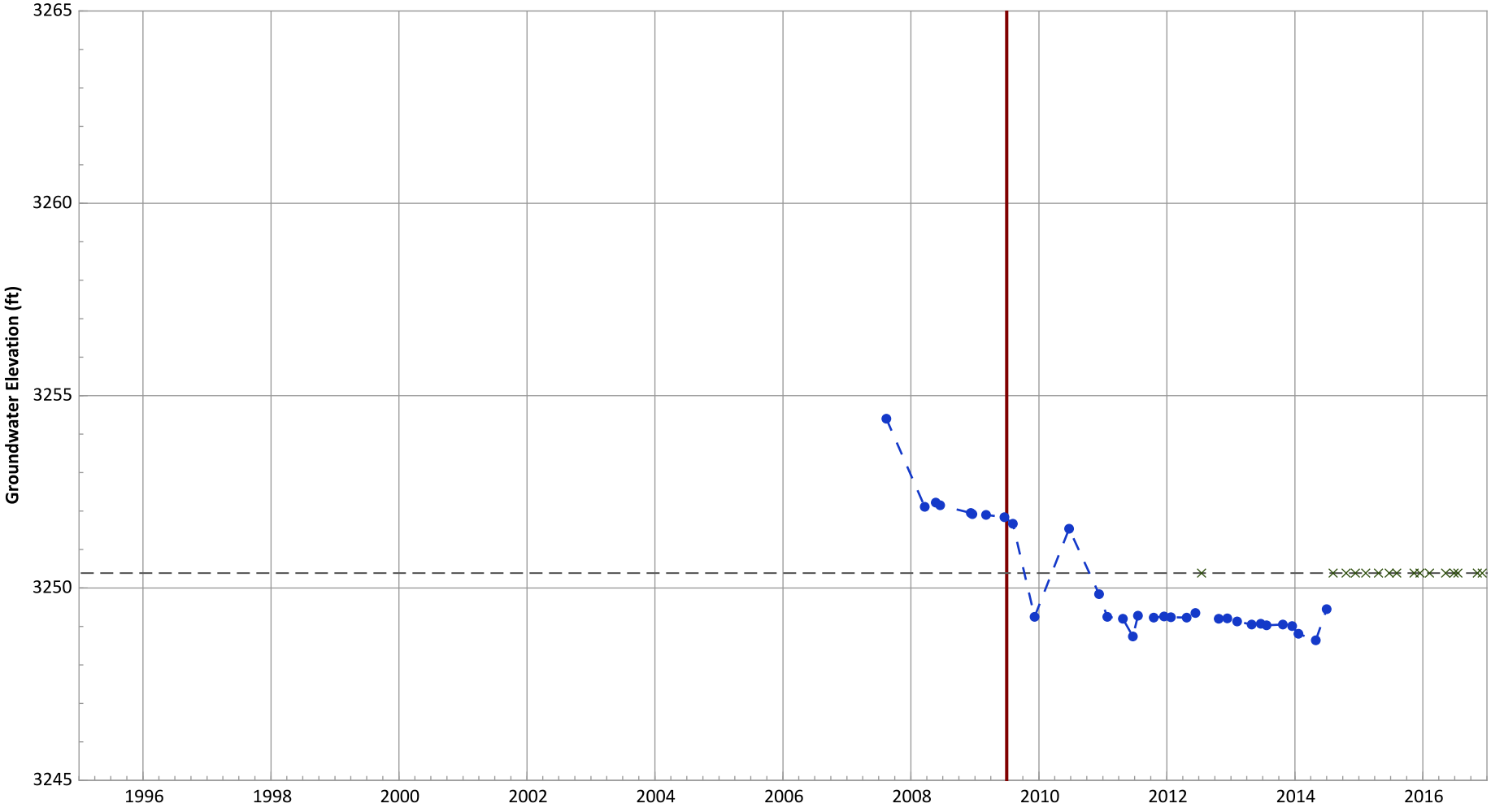
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.55 ft/yr
2014 - 2016 Data: Increasing at 5.92 ft/yr

PTX06-1118 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

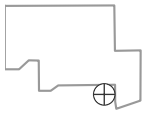


Notes:
1. Top of screen elevation is 3260.39 ft msl.
2. The bottom of screen elevation is 3250.39 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

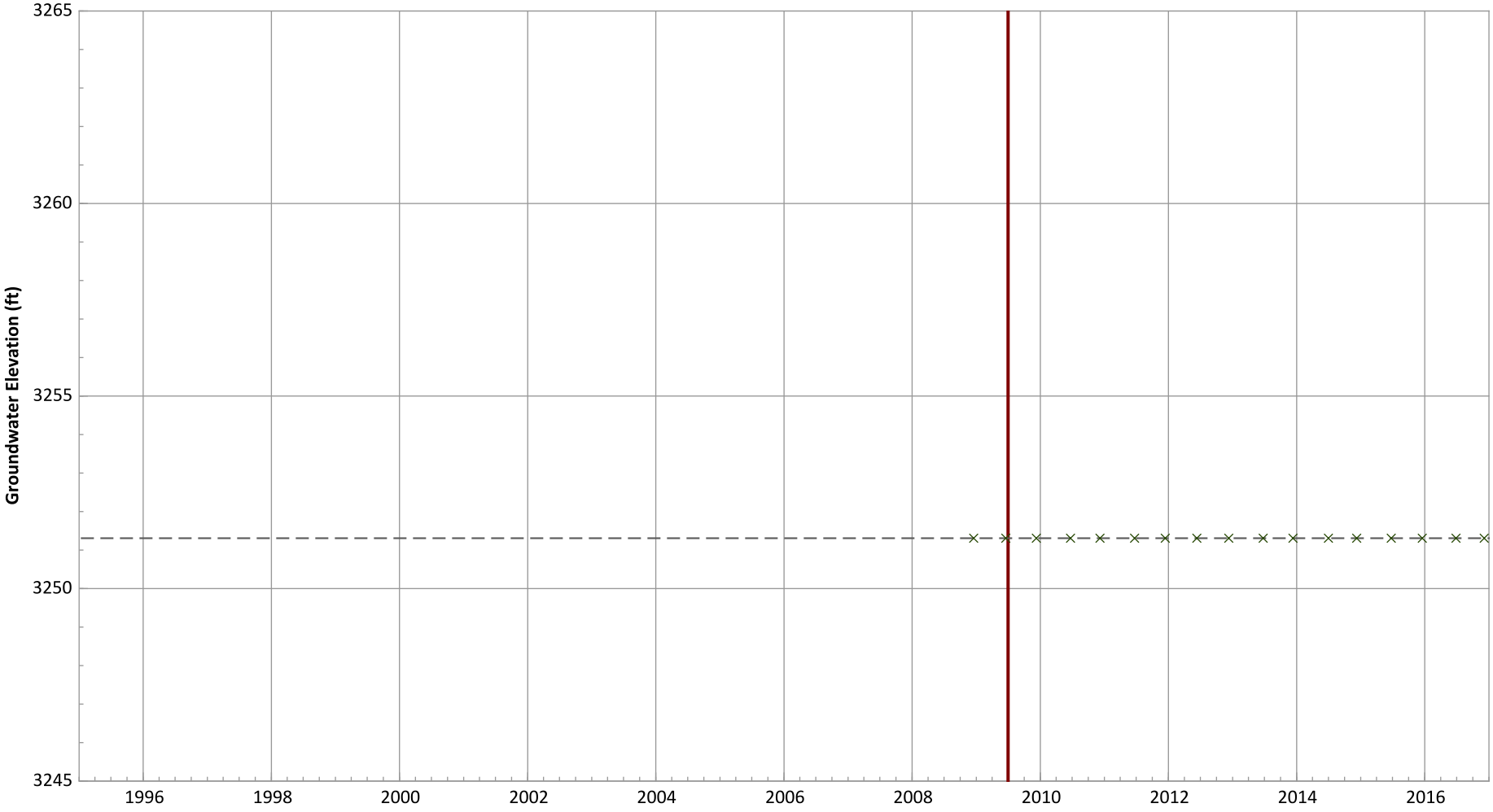
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.32 ft/yr
2014 - 2016 Data: N/A (No Measurements)

PTX06-1119 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

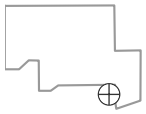


Notes:
1. Top of screen elevation is 3261.31 ft msl.
2. The bottom of screen elevation is 3251.31 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

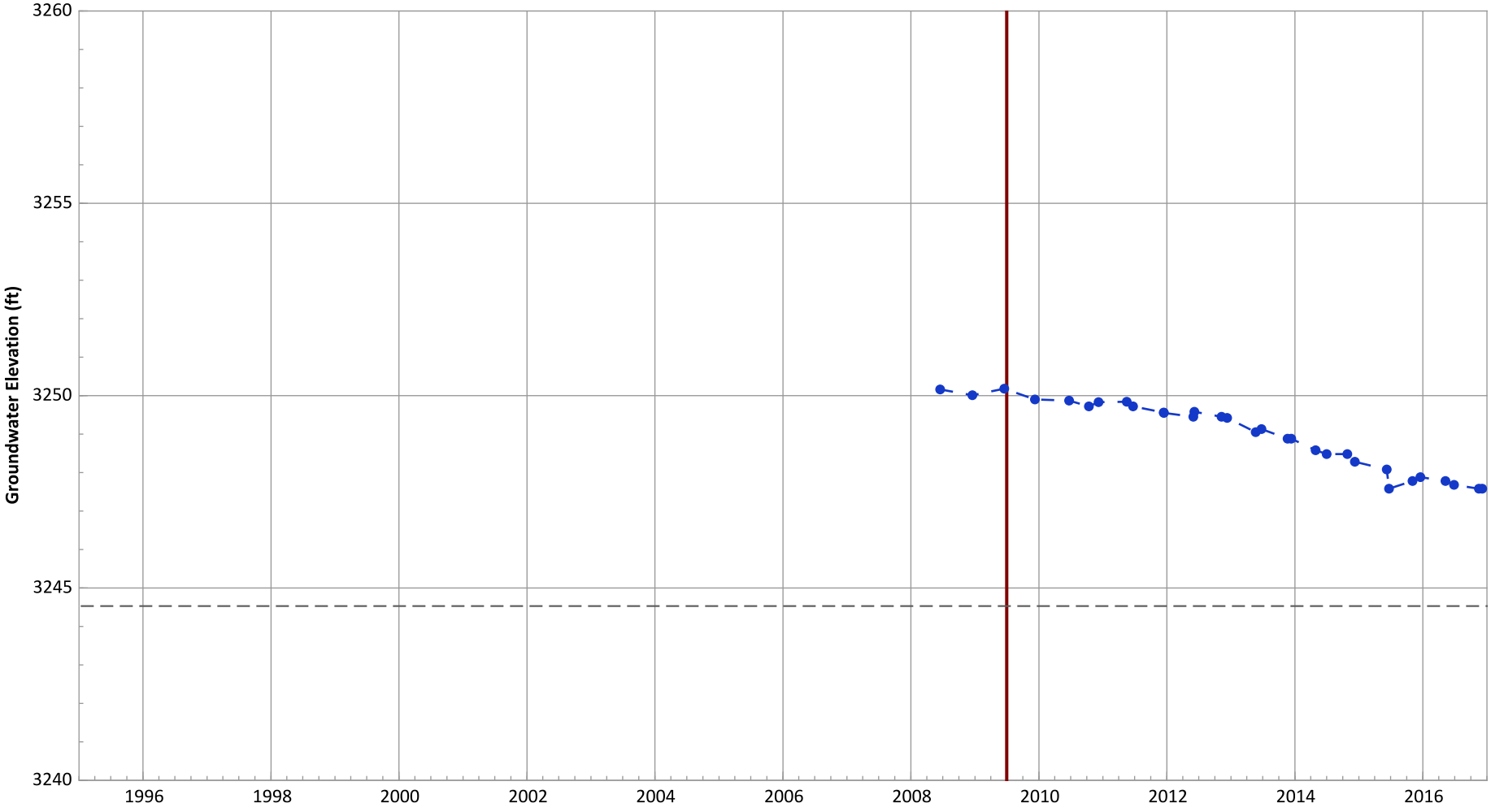
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-1120 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

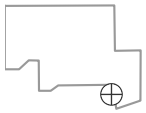


Notes:
1. Top of screen elevation is 3259.53 ft msl.
2. The bottom of screen elevation is 3244.53 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

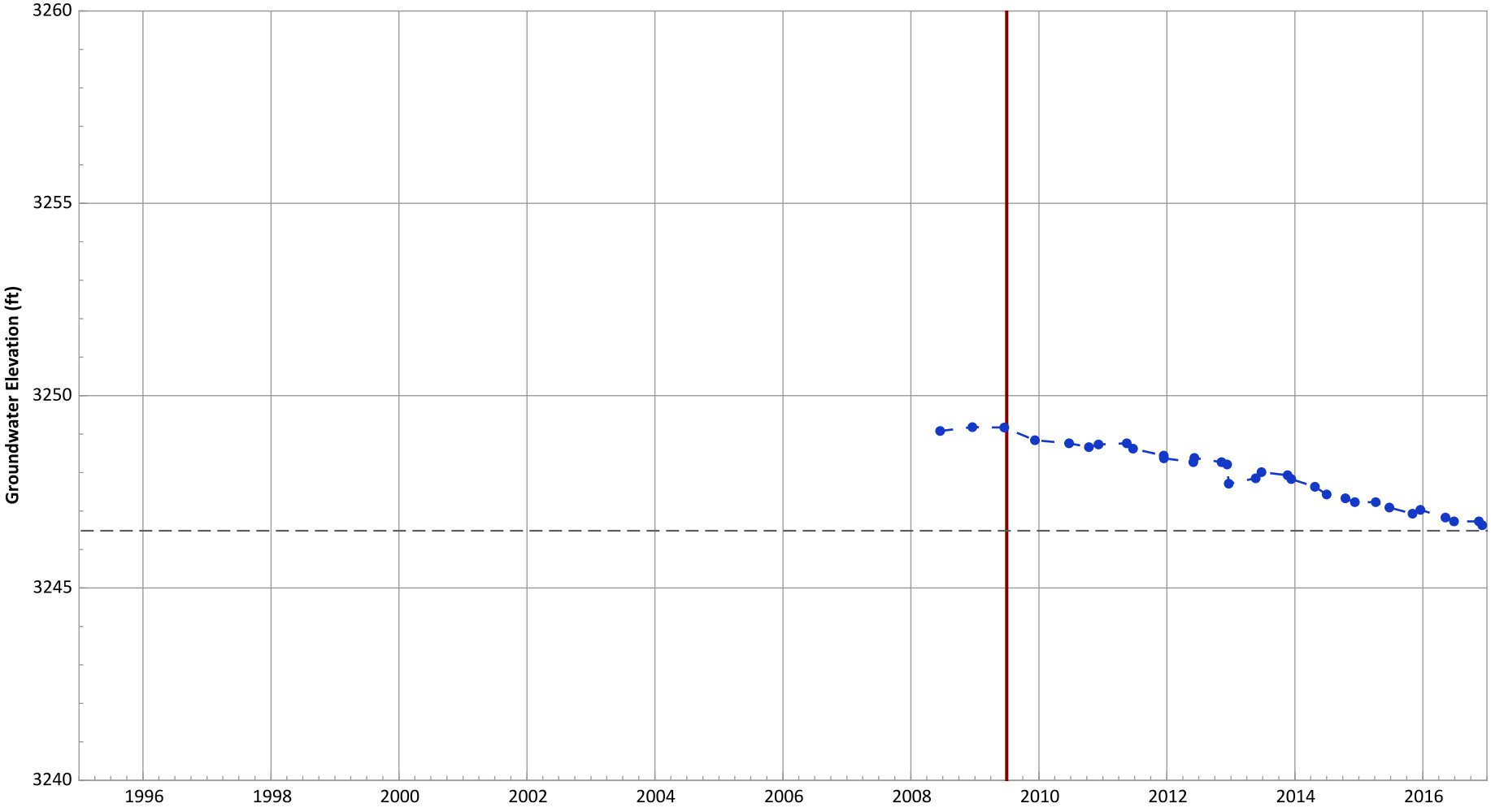
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.39 ft/yr
2014 - 2016 Data: Decreasing at 0.18 ft/yr

PTX06-1121 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

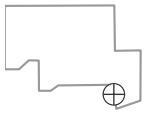


Notes:
1. Top of screen elevation is 3256.49 ft msl.
2. The bottom of screen elevation is 3246.49 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

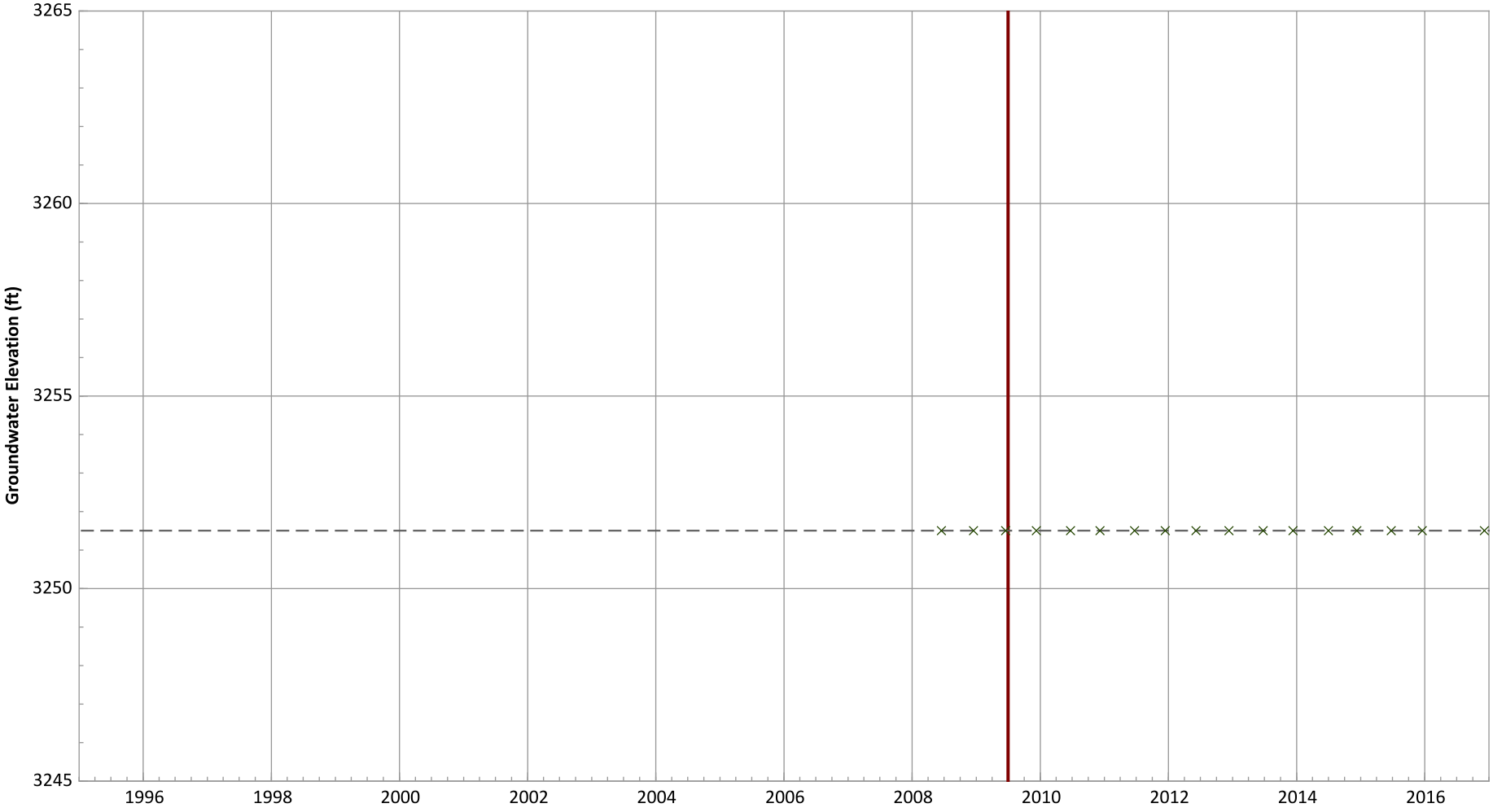
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.35 ft/yr
2014 - 2016 Data: Decreasing at 0.32 ft/yr

PTX06-1122 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

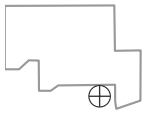


Notes:
1. Top of screen elevation is 3261.5 ft msl.
2. The bottom of screen elevation is 3251.5 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

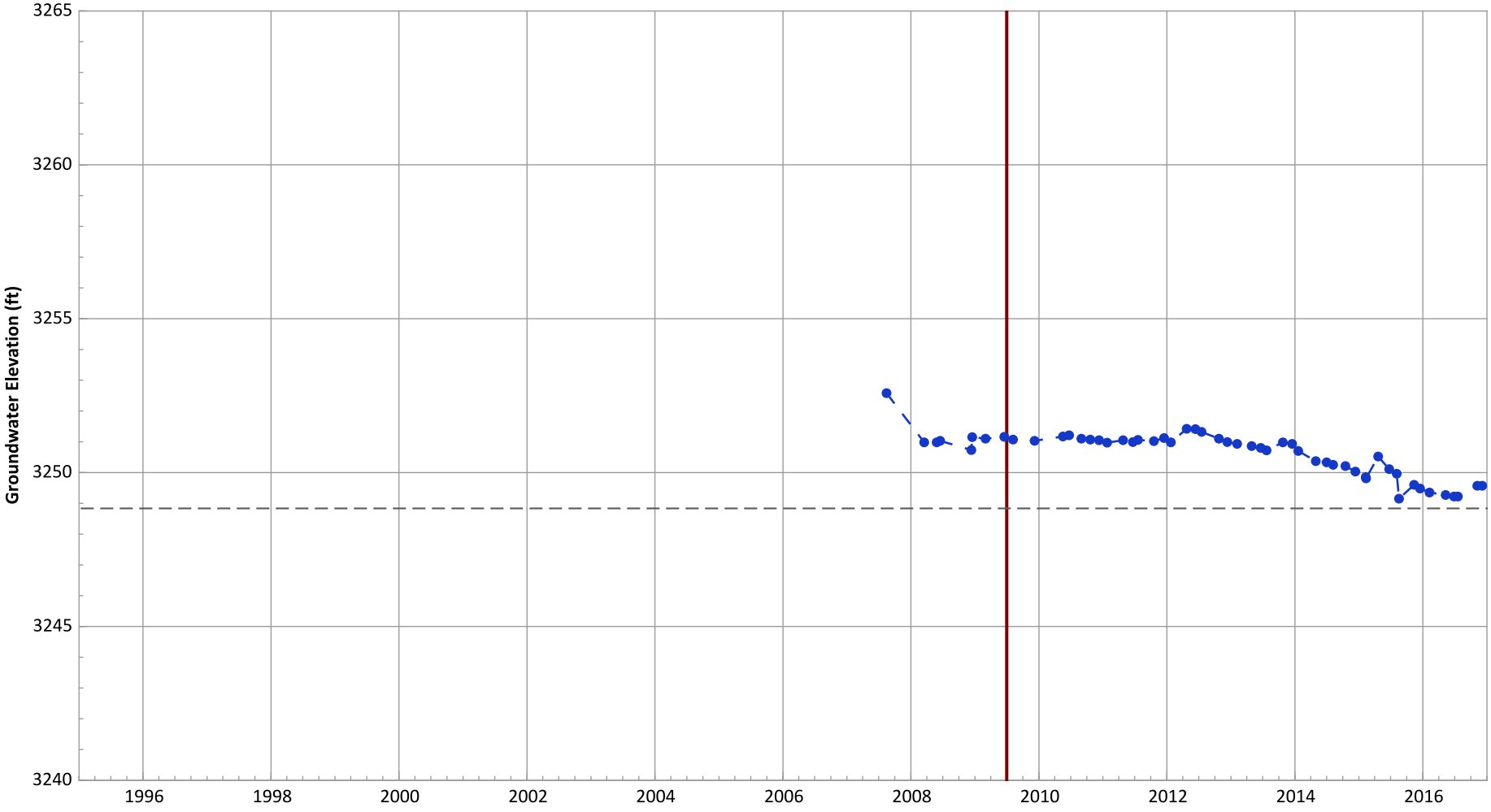
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-1123 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

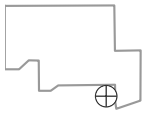


Notes:
1. Top of screen elevation is 3258.84 ft msl.
2. The bottom of screen elevation is 3248.84 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

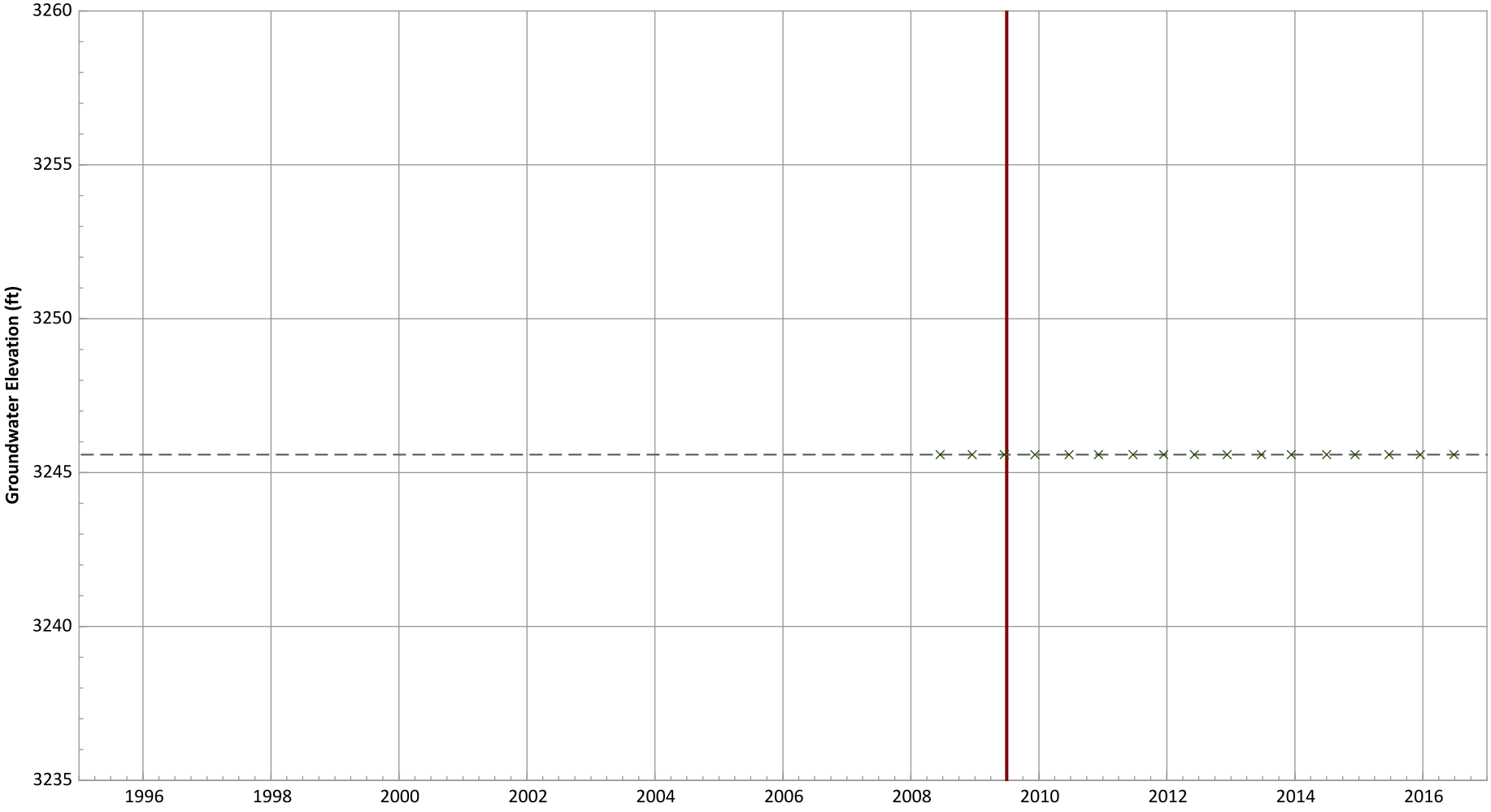
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.29 ft/yr
2014 - 2016 Data: Decreasing at 0.38 ft/yr

PTX06-1124 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

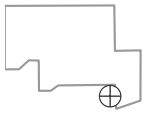


Notes:
1. Top of screen elevation is 3255.58 ft msl.
2. The bottom of screen elevation is 3245.58 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

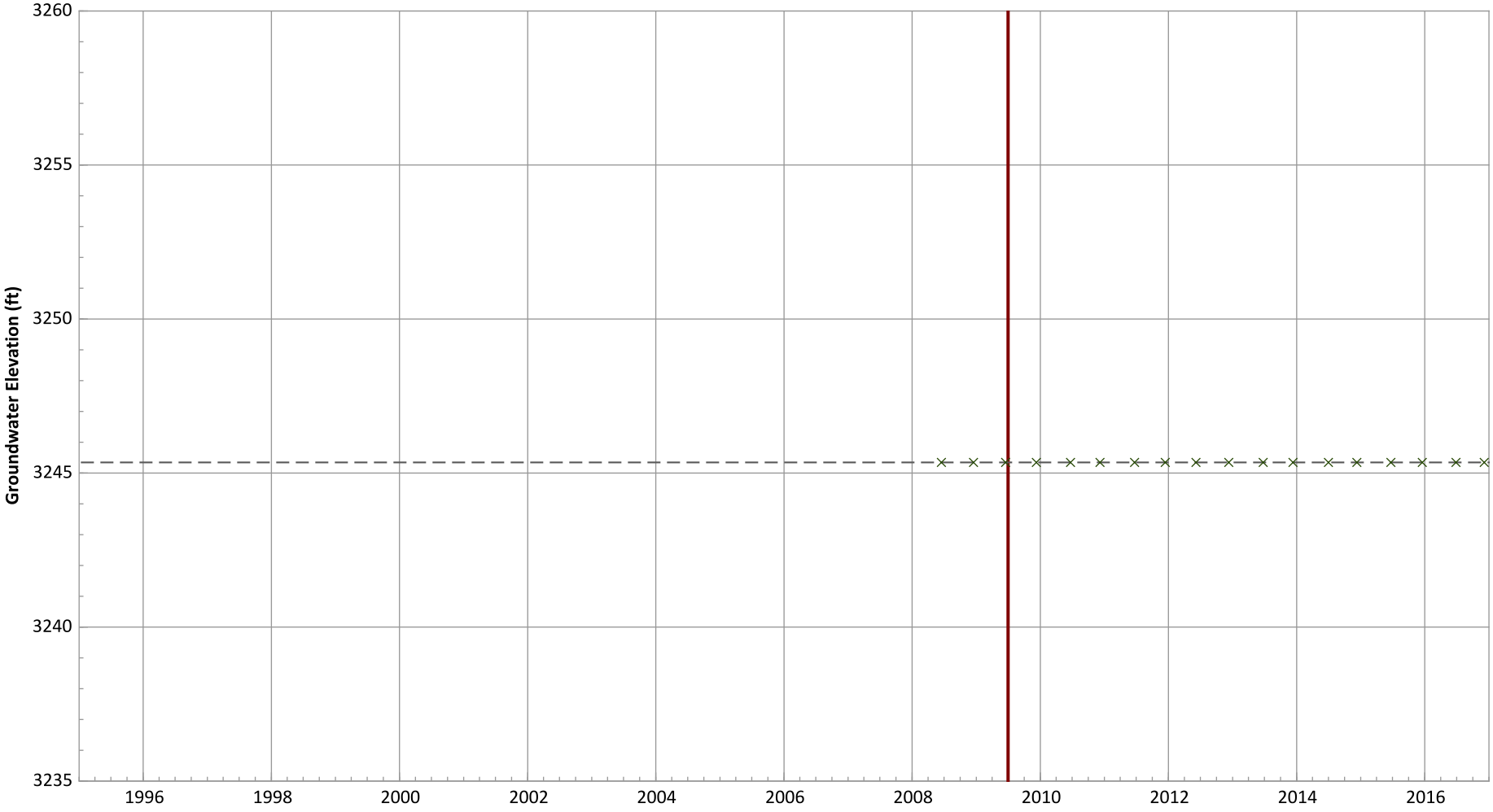
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-1125 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

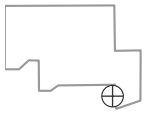


Notes:
1. Top of screen elevation is 3255.34 ft msl.
2. The bottom of screen elevation is 3245.34 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

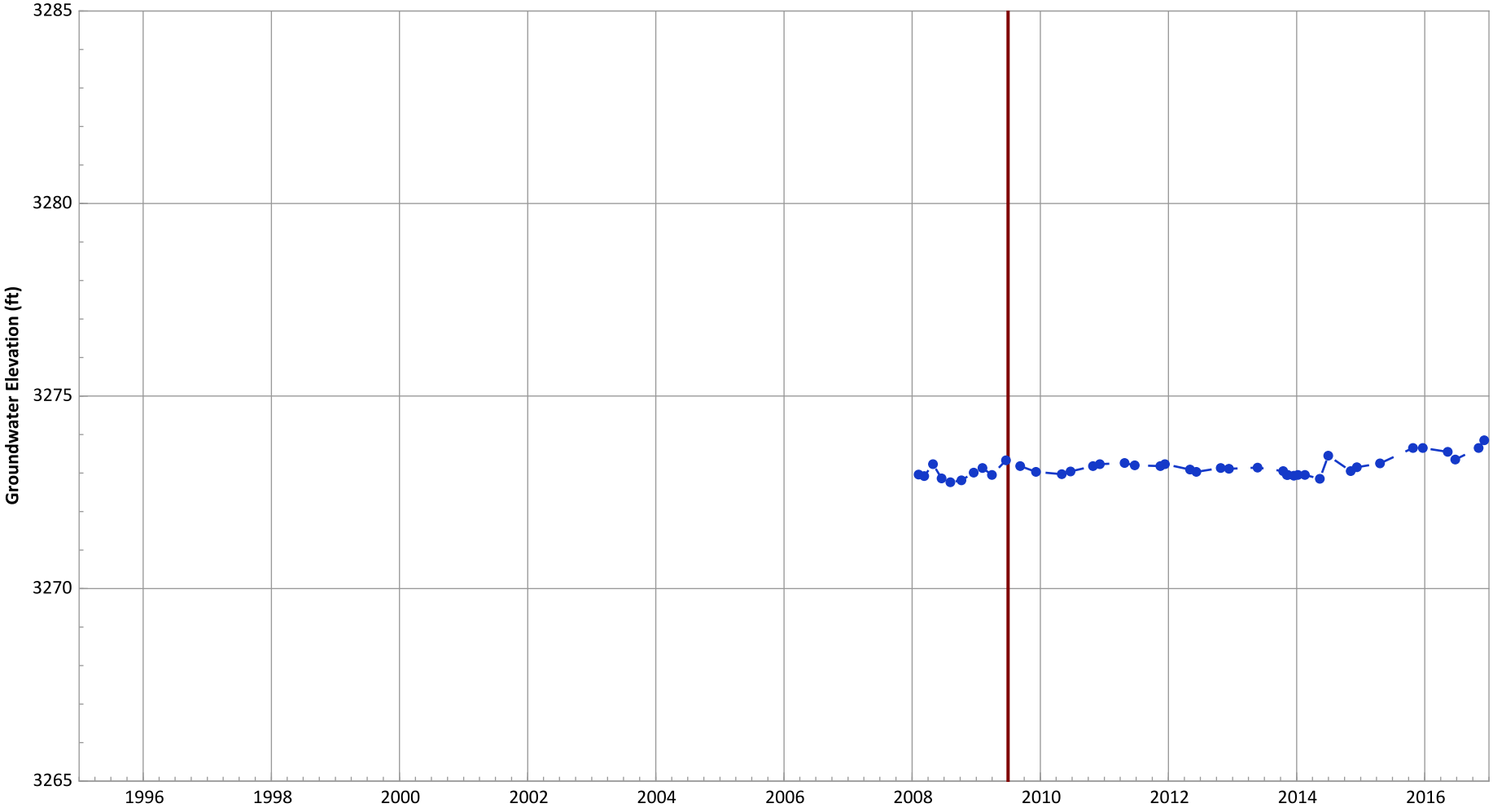
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-1126 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

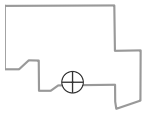


Notes:
1. Top of screen elevation is 3282.55 ft msl.
2. The bottom of screen elevation is 3252.55 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

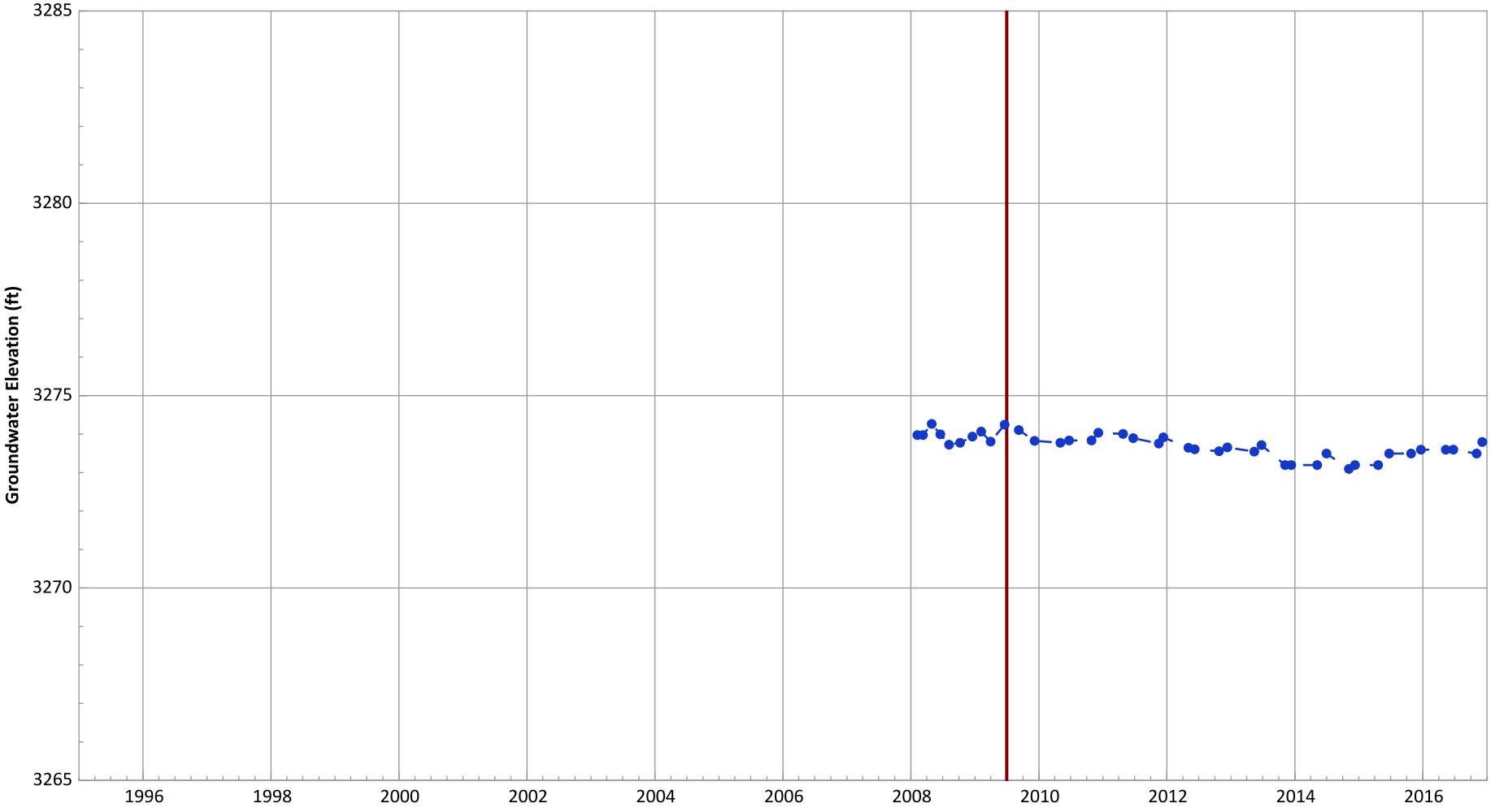
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: Increasing at 0.21 ft/yr

PTX06-1127 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

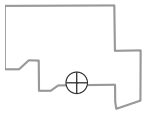


Notes:
1. Top of screen elevation is 3278.57 ft msl.
2. The bottom of screen elevation is 3248.57 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

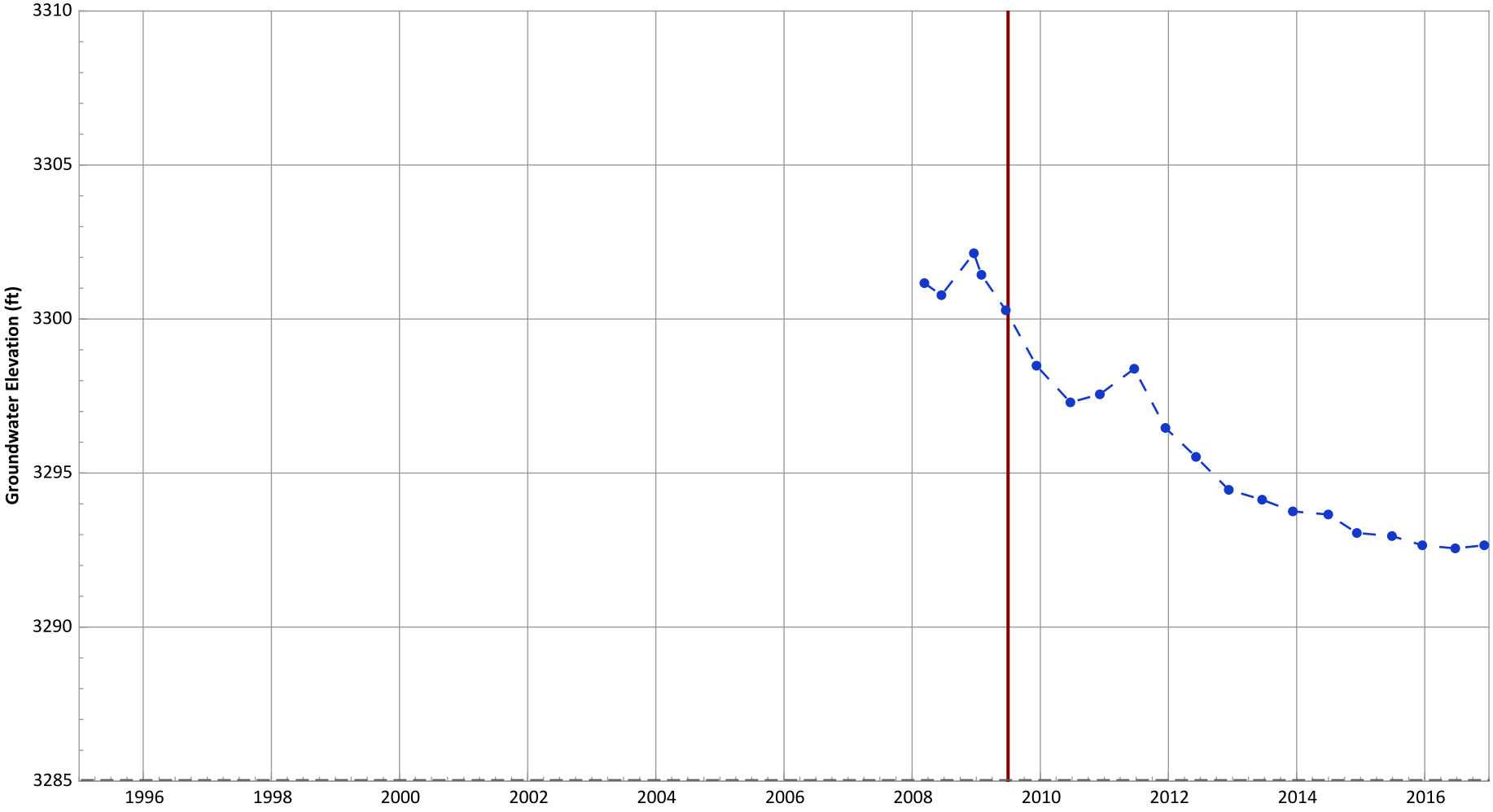
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: Increasing at 0.21 ft/yr

PTX06-1128 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

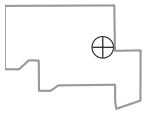


Notes:
1. Top of screen elevation is 3325.04 ft msl.
2. The bottom of screen elevation is 3285.04 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

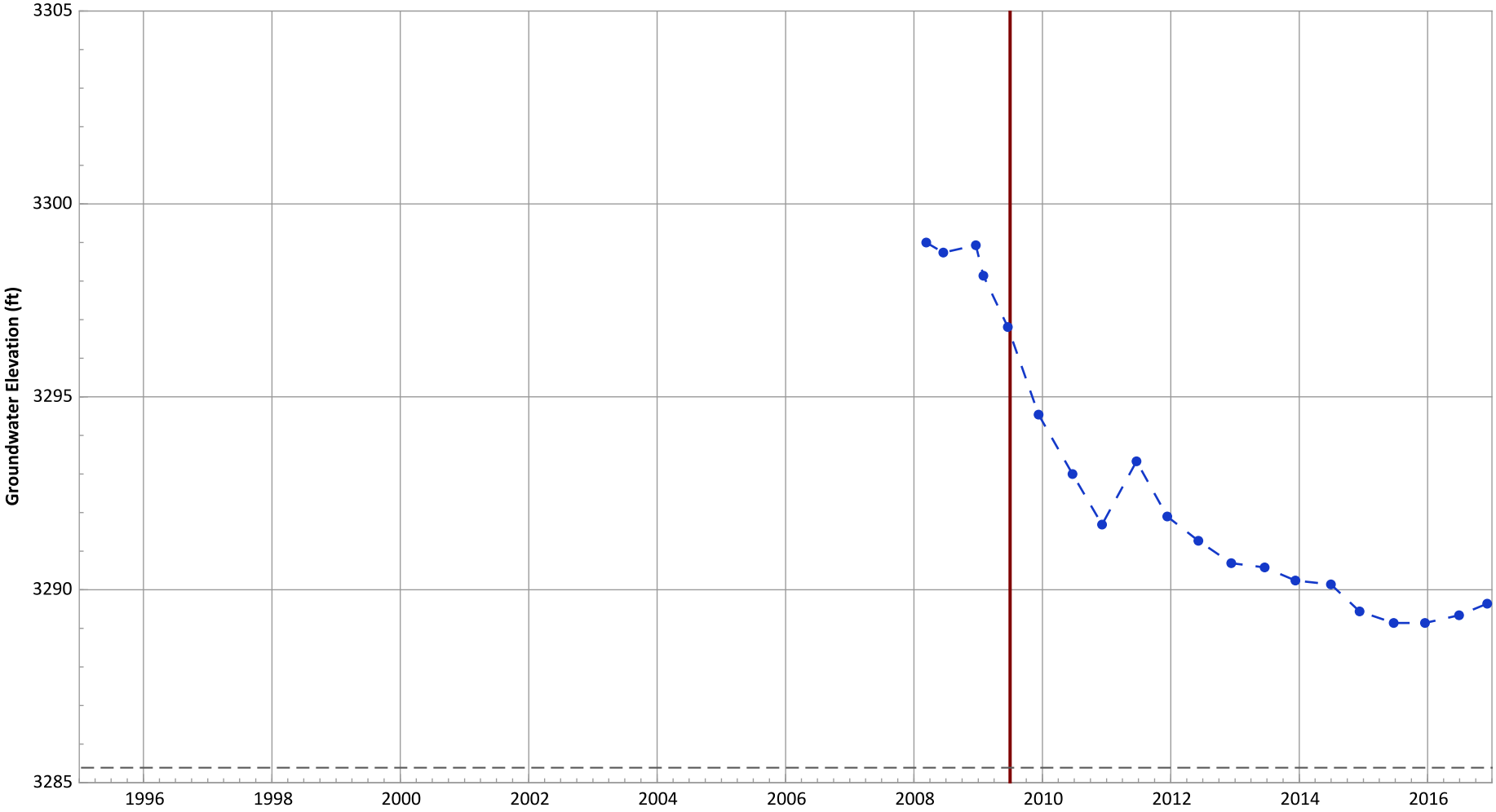
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.93 ft/yr
2014 - 2016 Data: Decreasing at 0.21 ft/yr

PTX06-1129 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

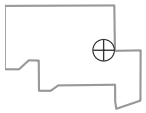


Notes:
1. Top of screen elevation is 3305.39 ft msl.
2. The bottom of screen elevation is 3285.39 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

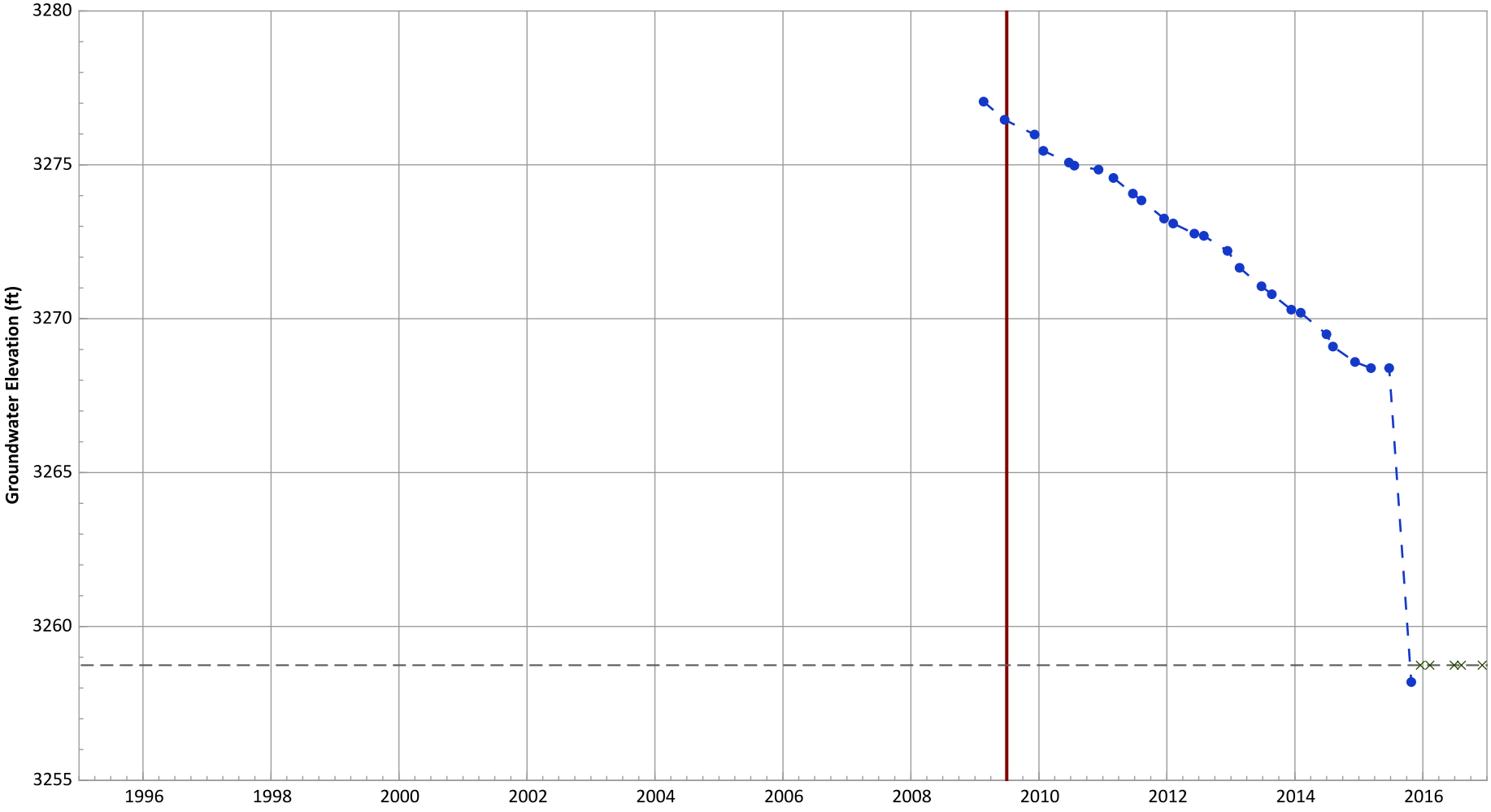
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.68 ft/yr
2014 - 2016 Data: Increasing at 0.34 ft/yr

PTX06-1130 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

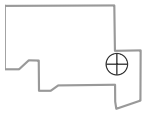


Notes:
1. Top of screen elevation is 3283.74 ft msl.
2. The bottom of screen elevation is 3258.74 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

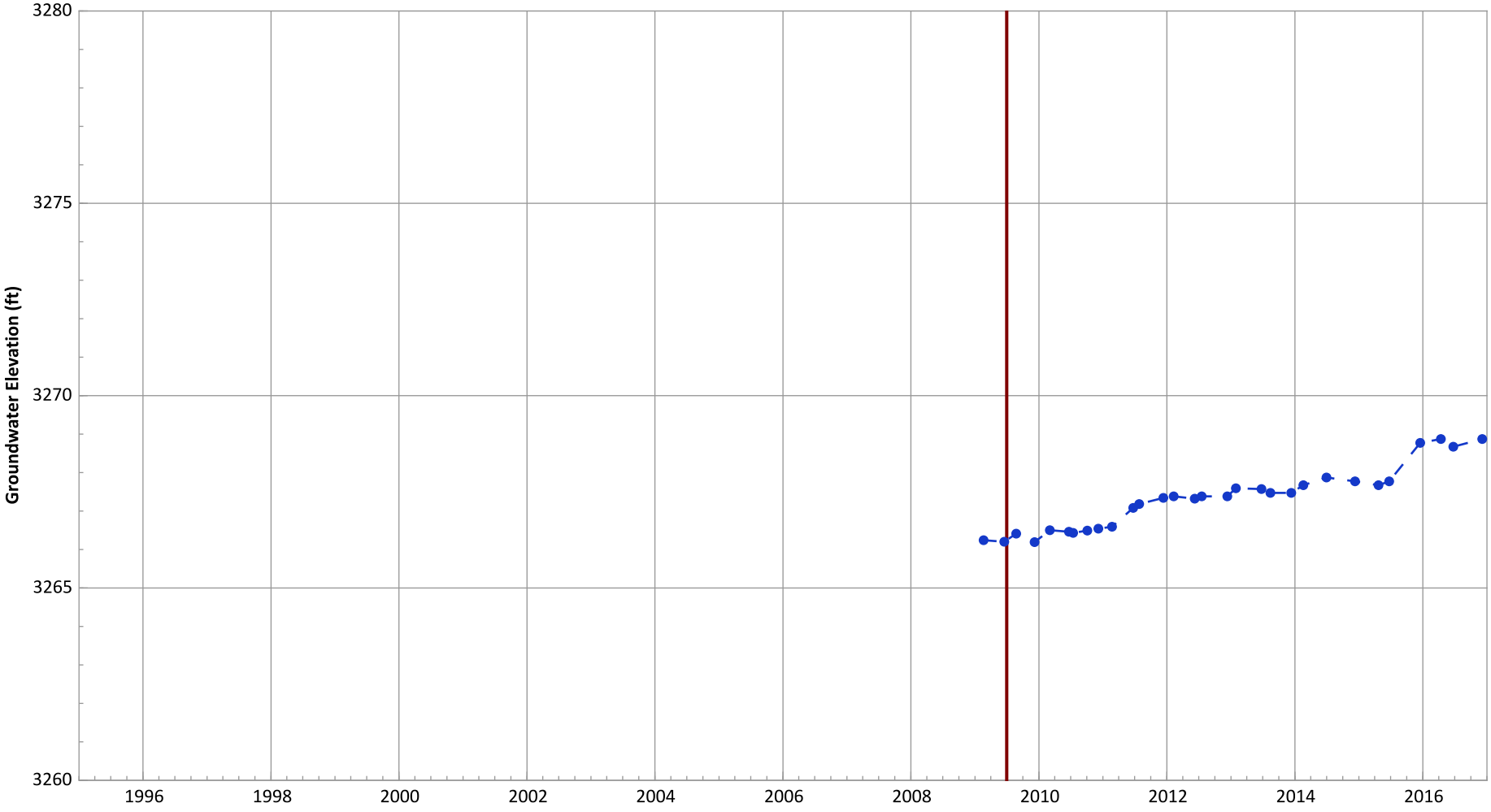
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.82 ft/yr
2014 - 2016 Data: Decreasing at 16.65 ft/yr

PTX06-1131 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

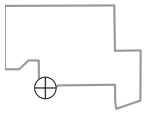


Notes:
1. Top of screen elevation is 3278.81 ft msl.
2. The bottom of screen elevation is 3258.81 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

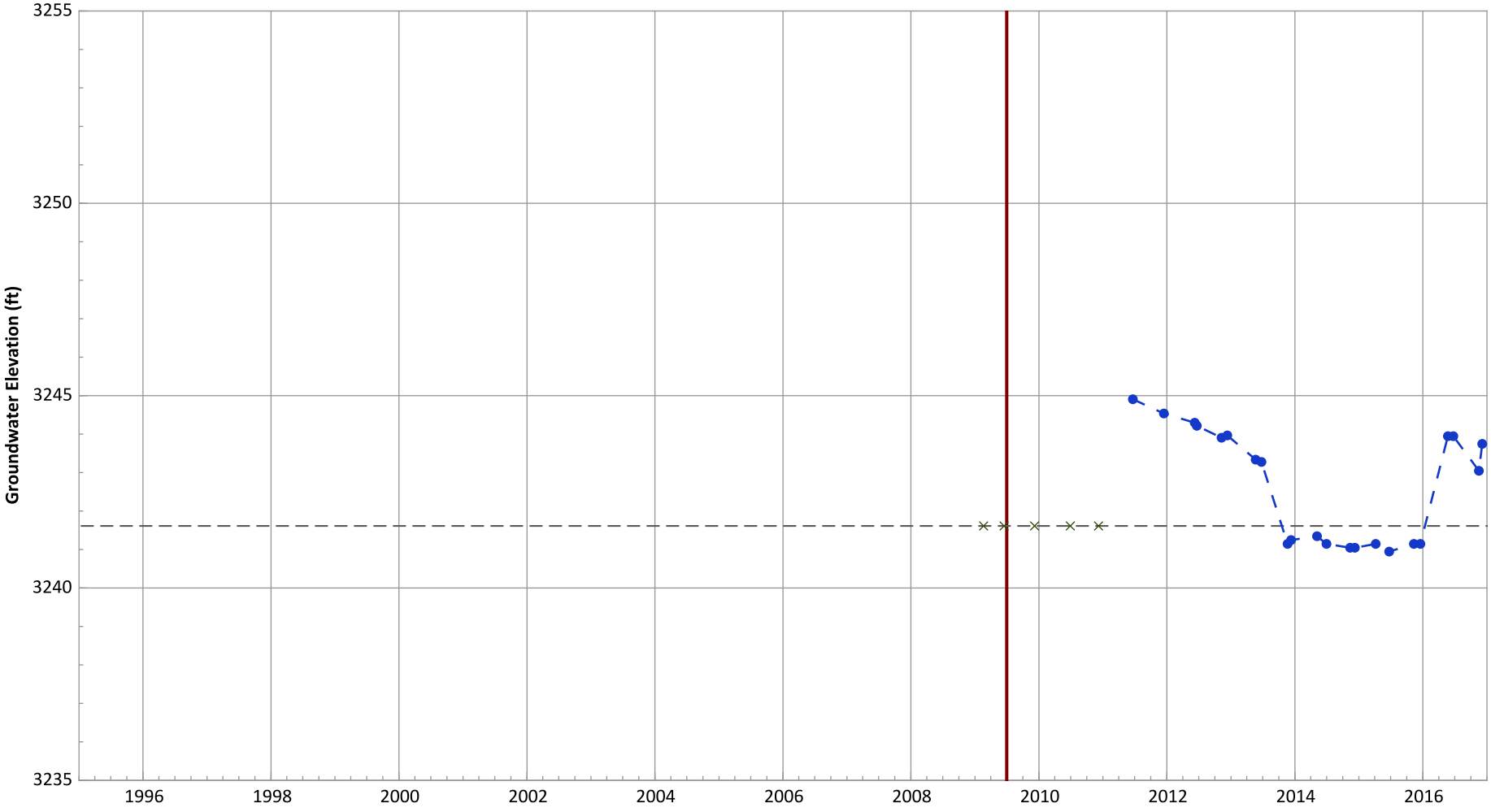
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.34 ft/yr
2014 - 2016 Data: Increasing at 0.79 ft/yr

PTX06-1133A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

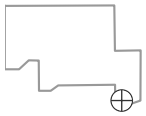


Notes:
1. Top of screen elevation is 3256.61 ft msl.
2. The bottom of screen elevation is 3241.61 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

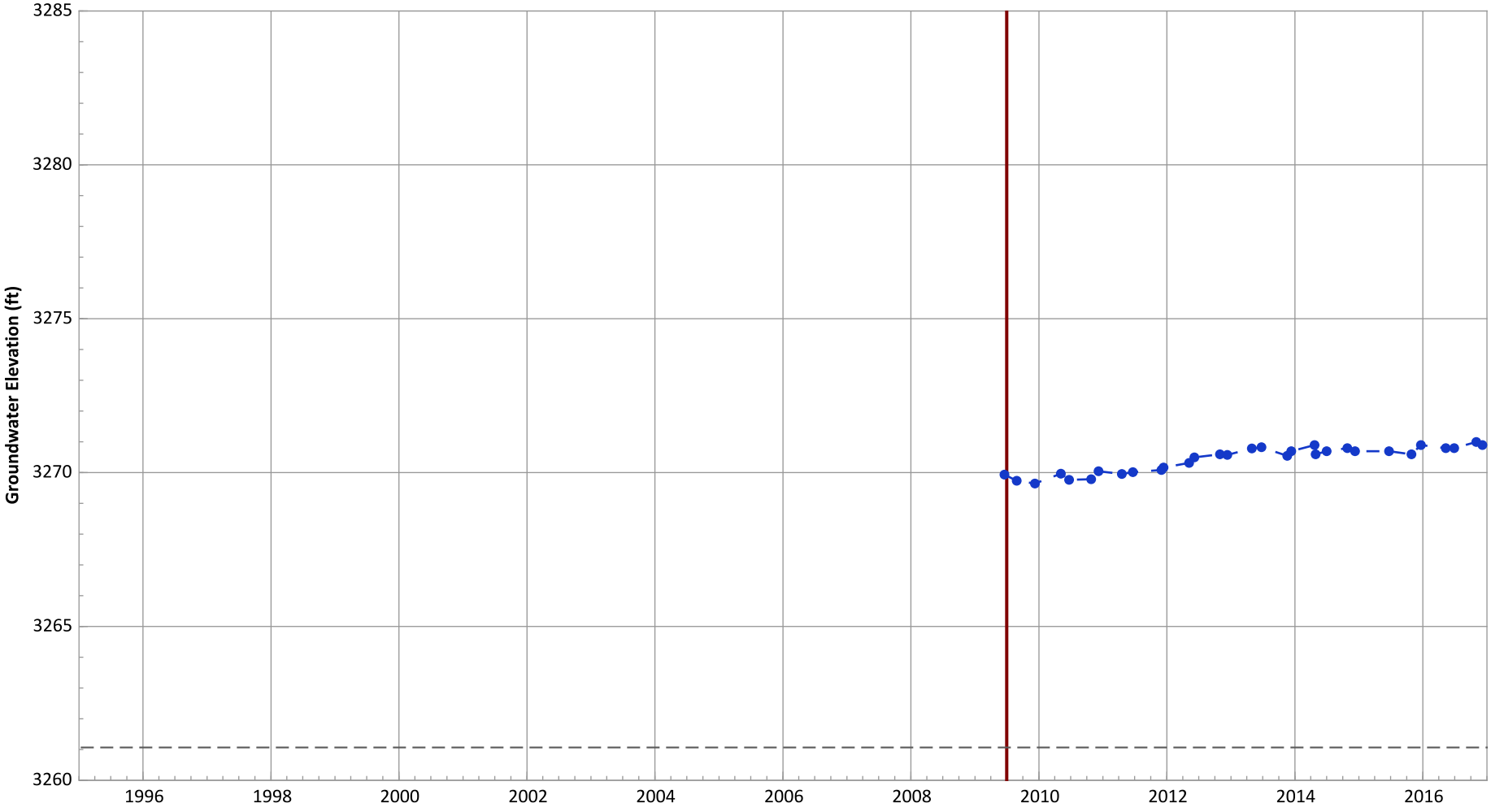
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.38 ft/yr
2014 - 2016 Data: Increasing at 1.91 ft/yr

PTX06-1134 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

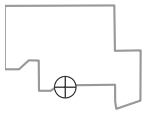


Notes:
1. Top of screen elevation is 3276.07 ft msl.
2. The bottom of screen elevation is 3261.07 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

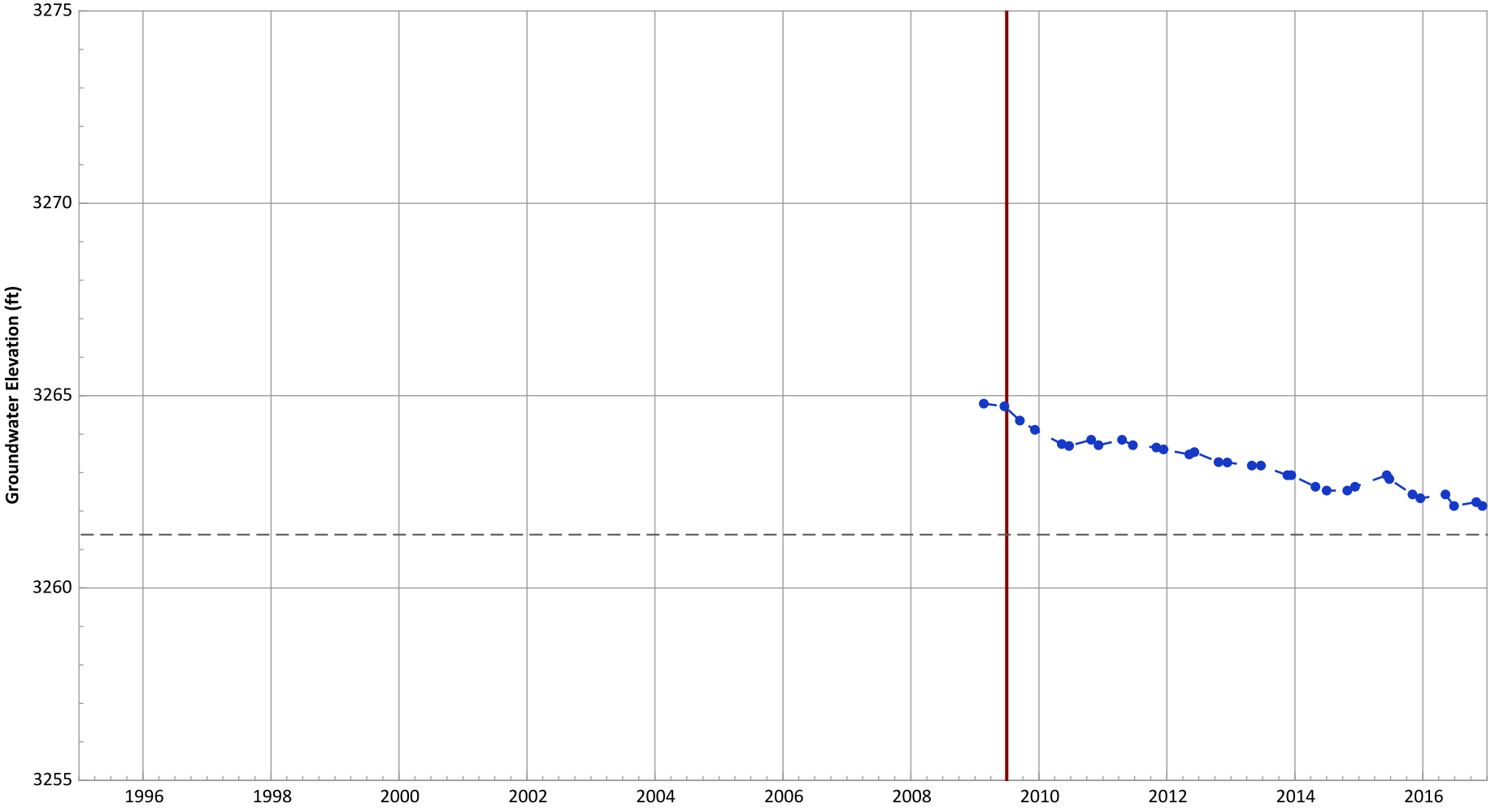
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.17 ft/yr
2014 - 2016 Data: Increasing at 0.18 ft/yr

PTX06-1135 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

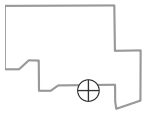


Notes:
1. Top of screen elevation is 3281.39 ft msl.
2. The bottom of screen elevation is 3261.39 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

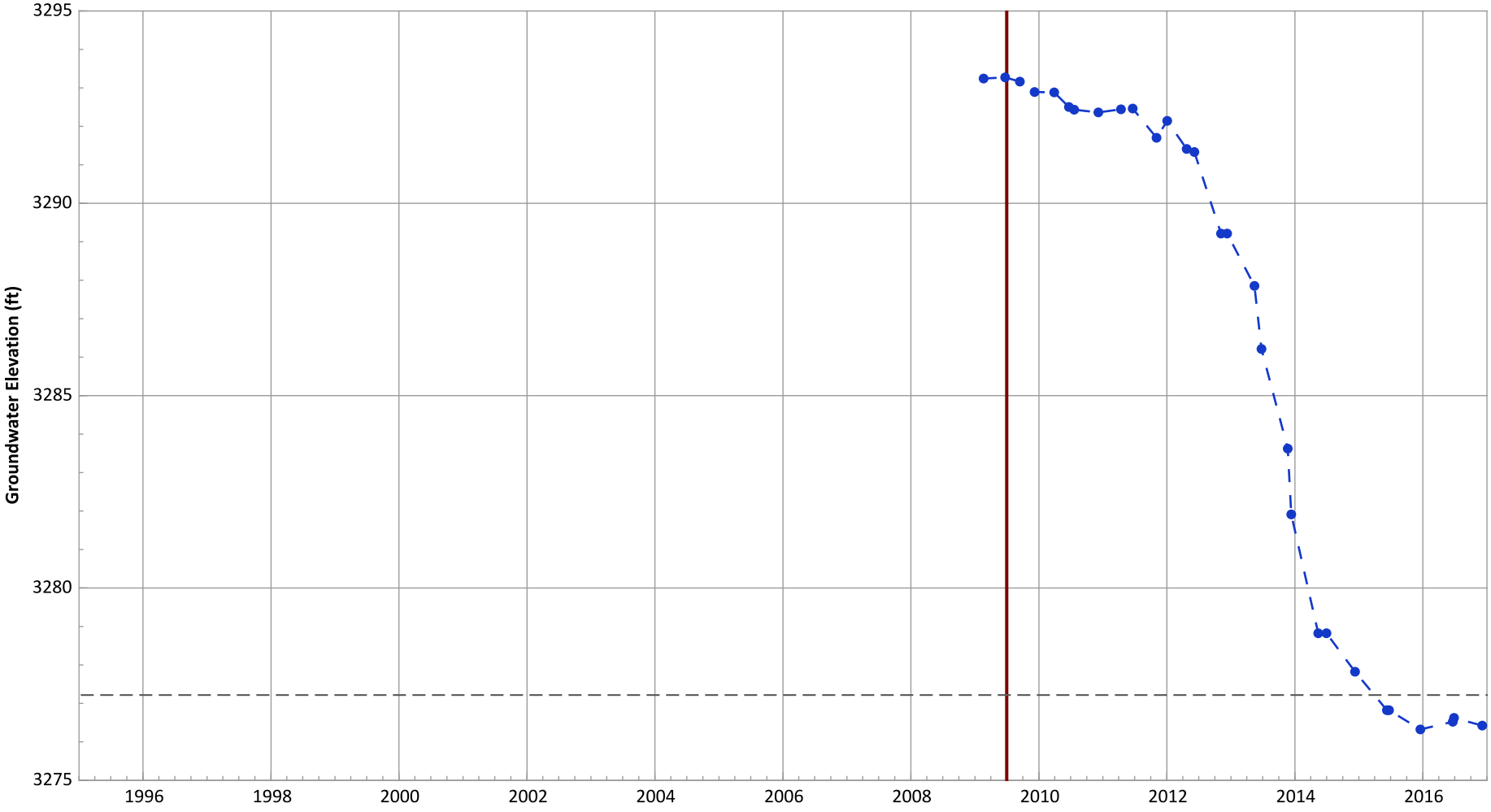
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.28 ft/yr
2014 - 2016 Data: Decreasing at 0.46 ft/yr

PTX06-1136 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

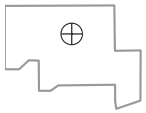


Notes:
1. Top of screen elevation is 3297.22 ft msl.
2. The bottom of screen elevation is 3277.22 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

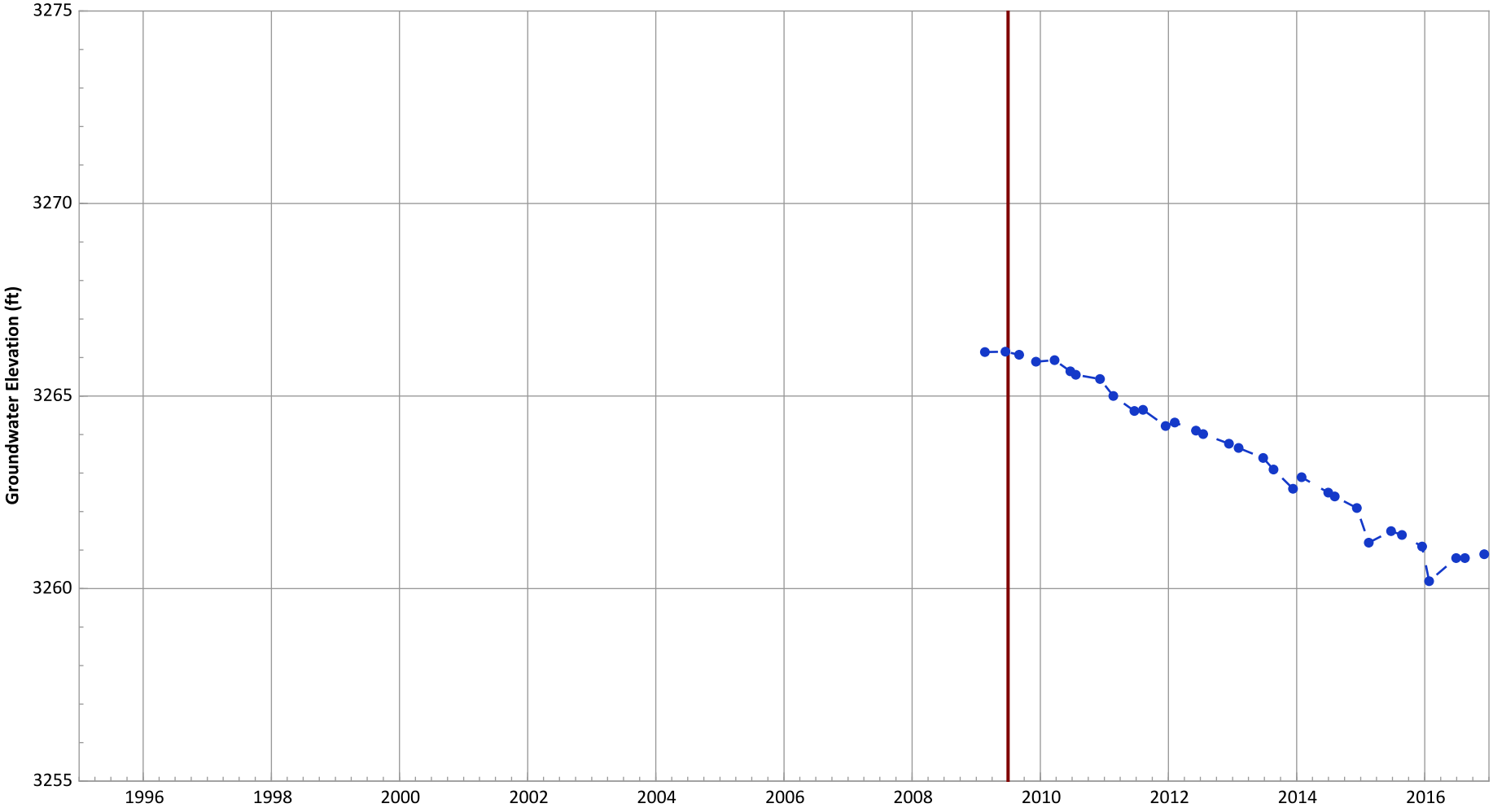
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 2.99 ft/yr
2014 - 2016 Data: Decreasing at 0.23 ft/yr

PTX06-1146 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

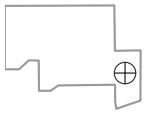


Notes:
1. Top of screen elevation is 3263.96 ft msl.
2. The bottom of screen elevation is 3243.96 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

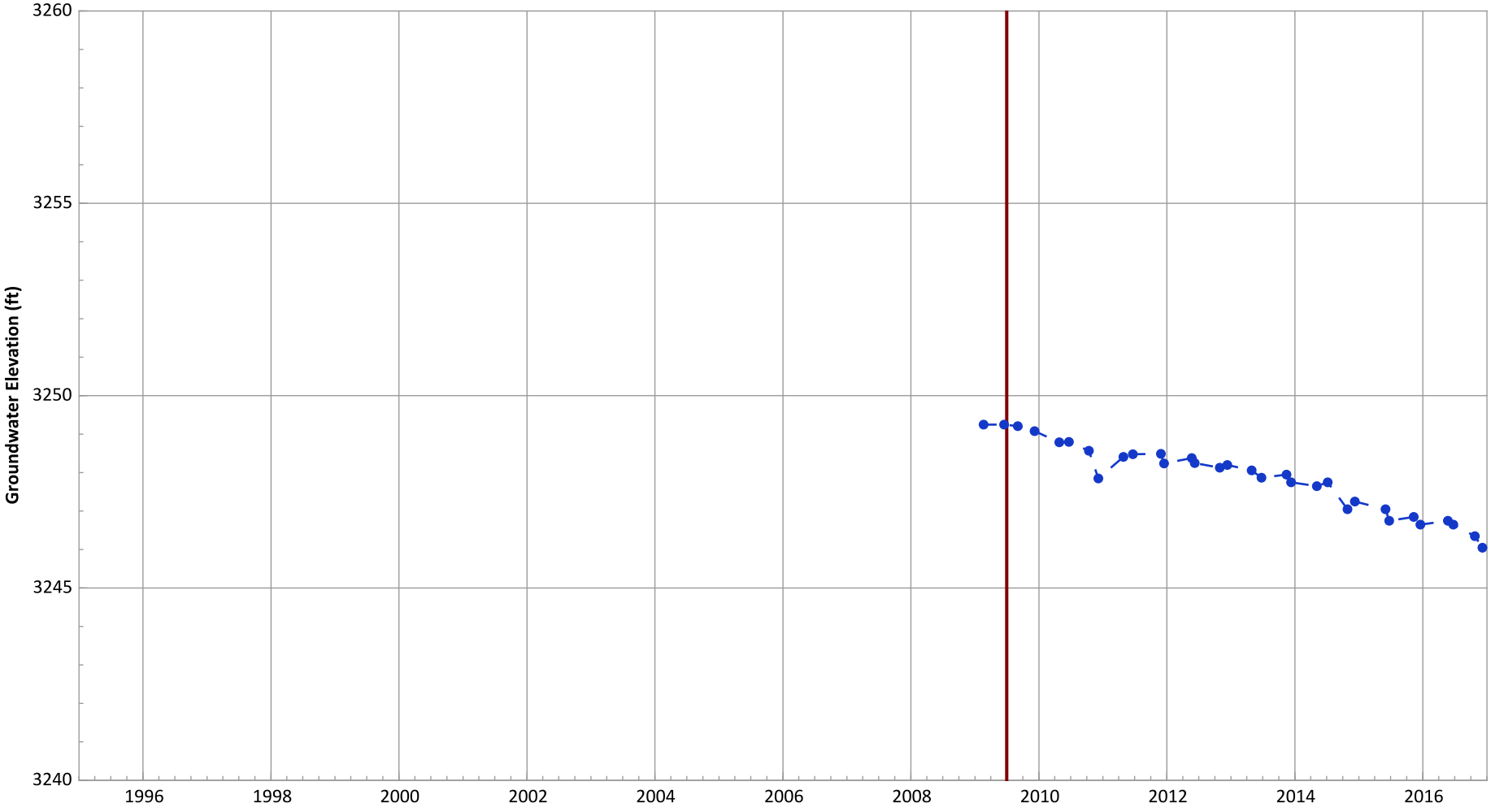
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.81 ft/yr
2014 - 2016 Data: Decreasing at 0.36 ft/yr

PTX06-1147 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

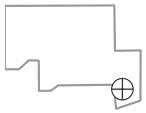


Notes:
1. Top of screen elevation is 3251.62 ft msl.
2. The bottom of screen elevation is 3231.62 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

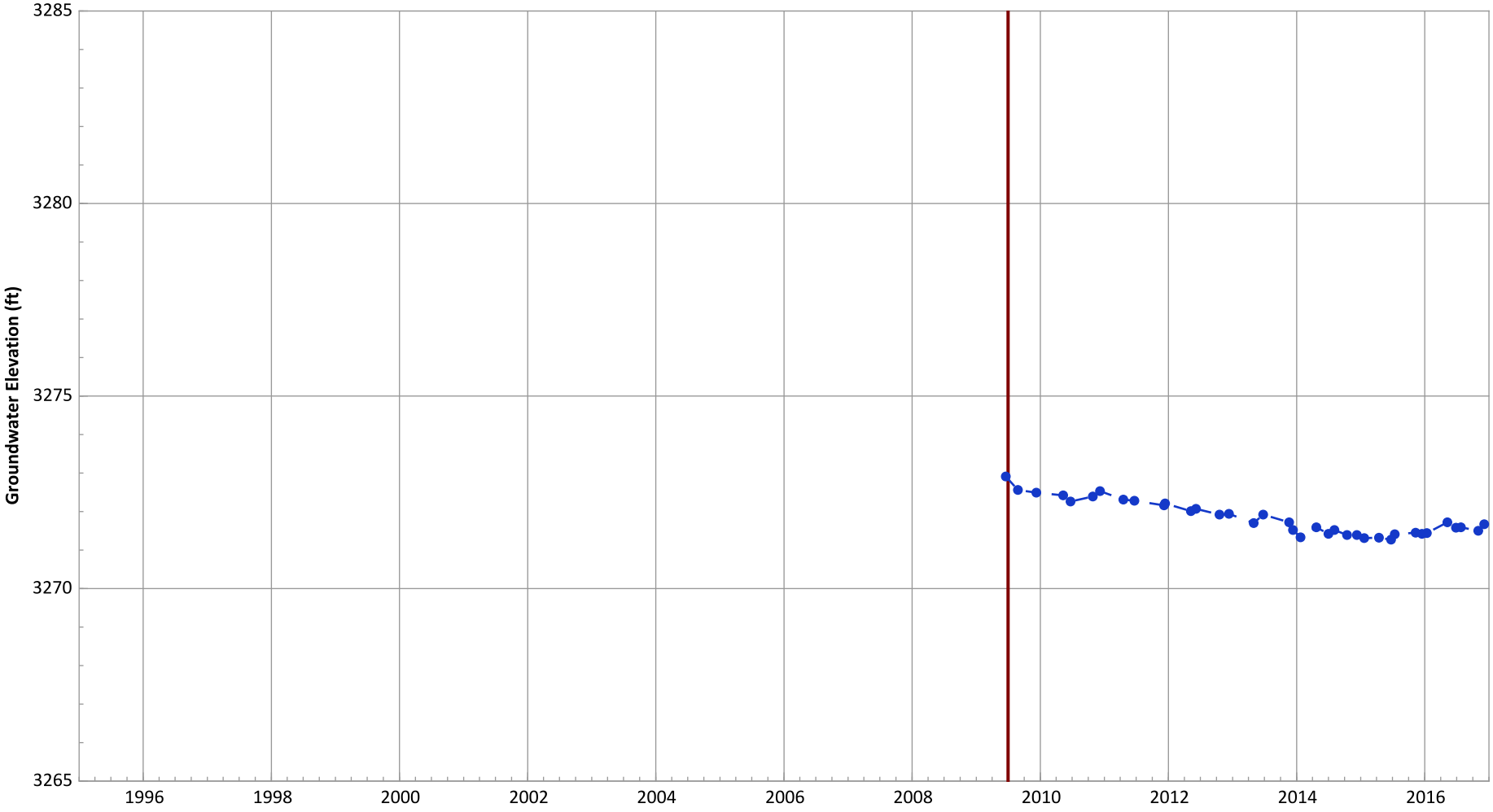
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.37 ft/yr
2014 - 2016 Data: Decreasing at 0.46 ft/yr

PTX06-1148 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

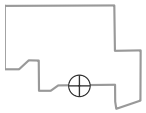


Notes:
1. Top of screen elevation is 3276.06 ft msl.
2. The bottom of screen elevation is 3256.06 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

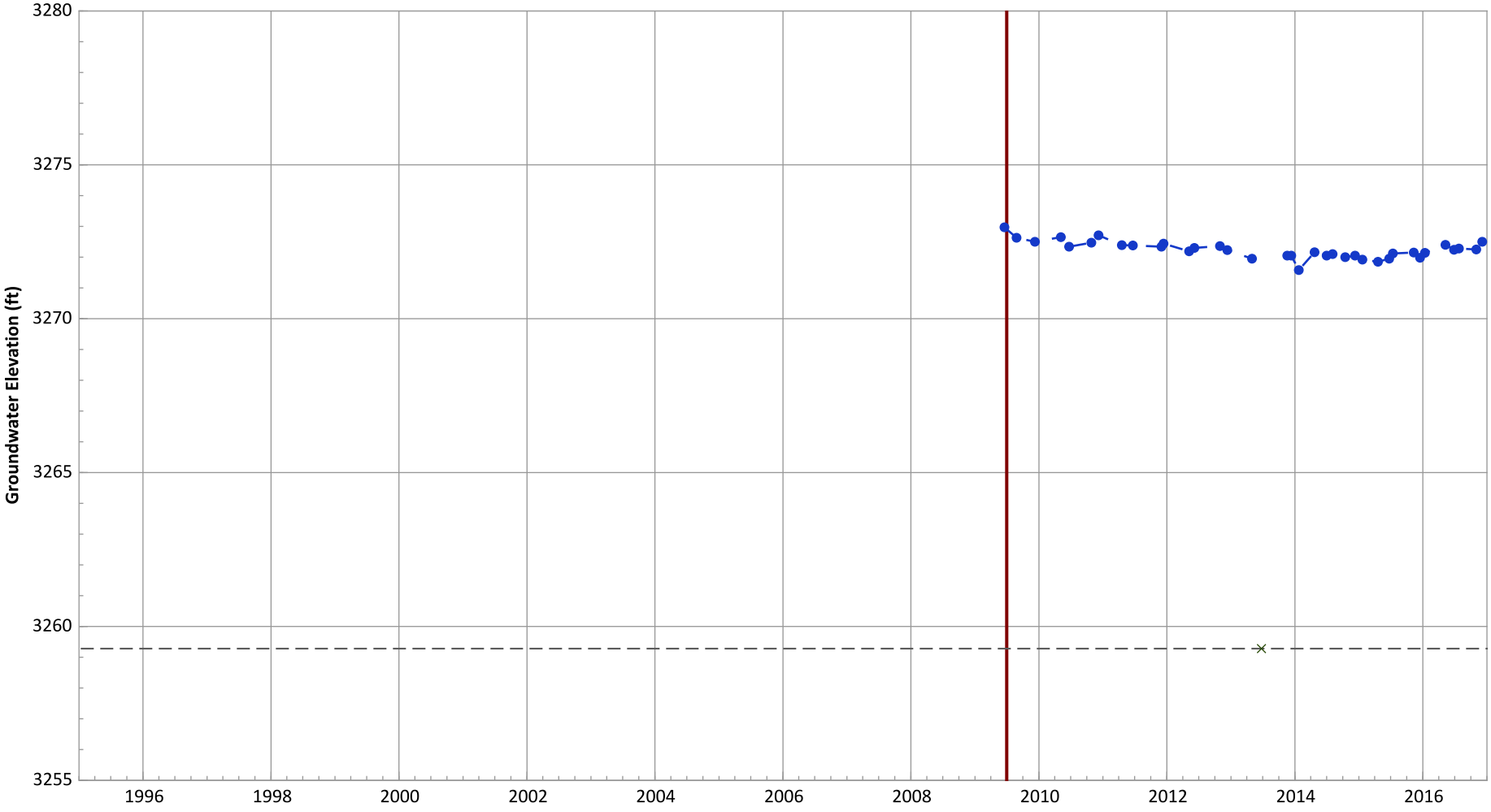
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.17 ft/yr
2014 - 2016 Data: Increasing at 0.2 ft/yr

PTX06-1149 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

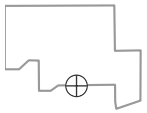


Notes:
1. Top of screen elevation is 3279.28 ft msl.
2. The bottom of screen elevation is 3259.28 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

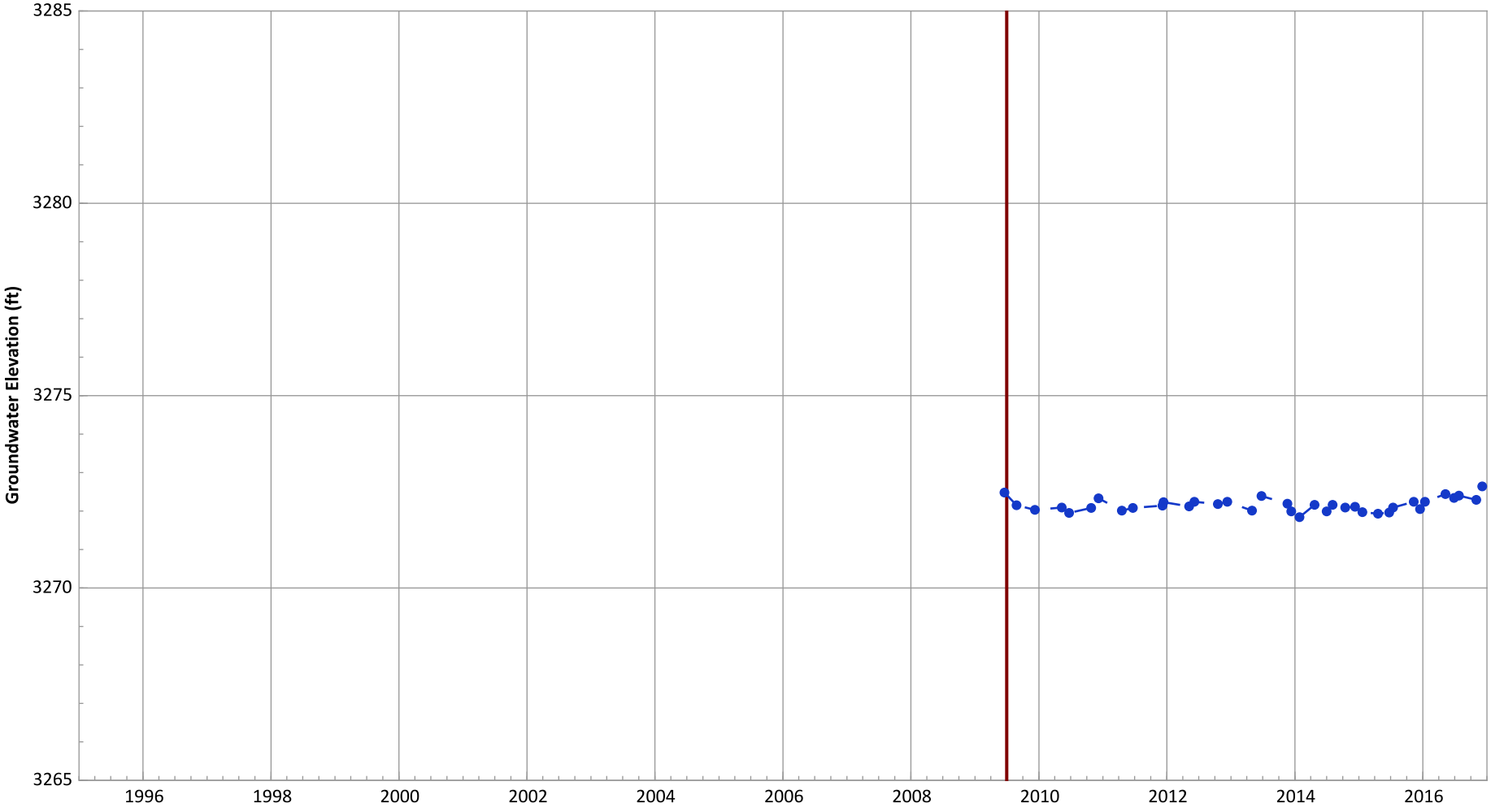
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: Increasing at 0.28 ft/yr

PTX06-1150 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

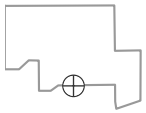


Notes:
1. Top of screen elevation is 3280.9 ft msl.
2. The bottom of screen elevation is 3260.9 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

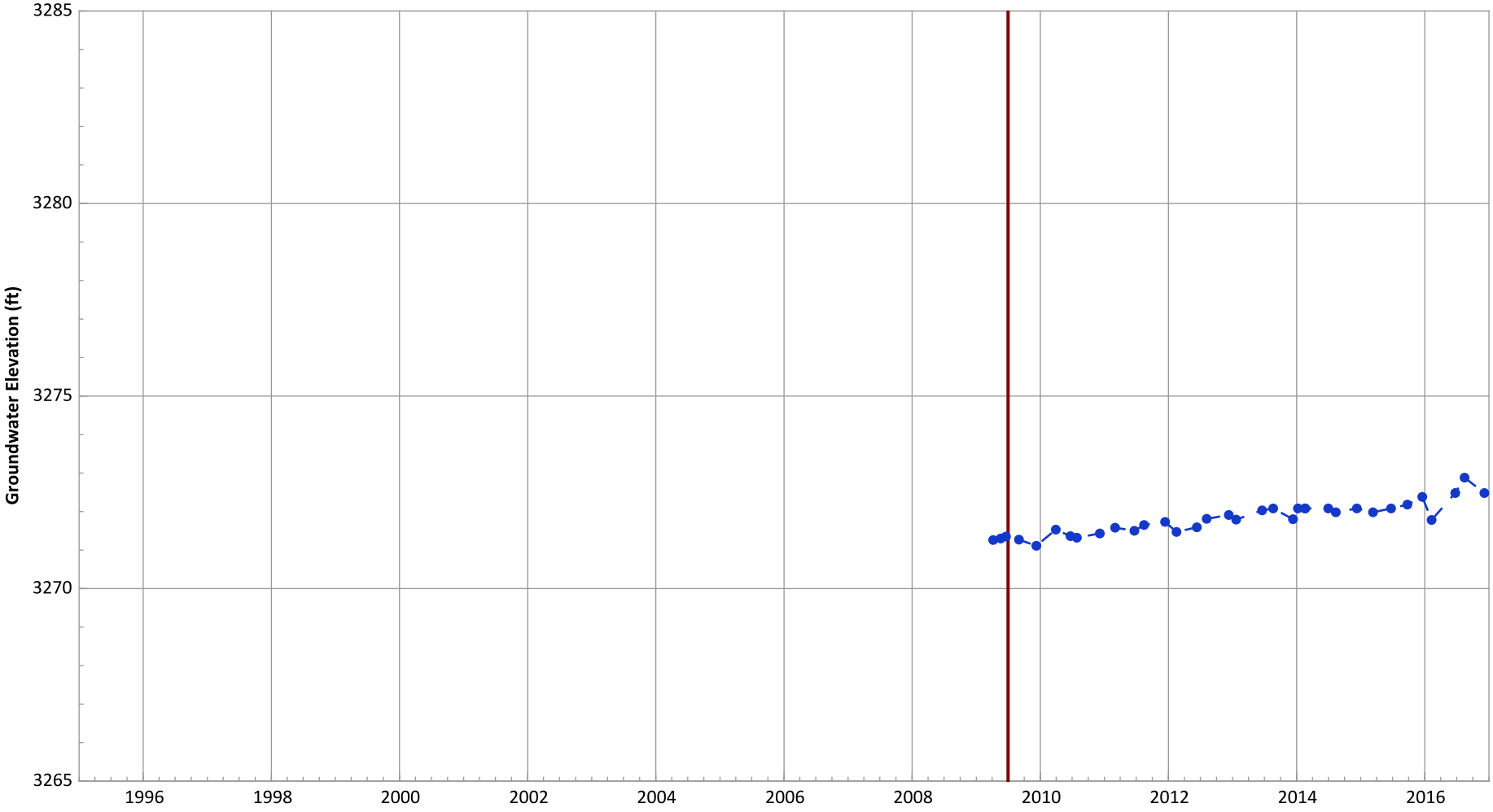
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: Increasing at 0.32 ft/yr

PTX06-1151 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

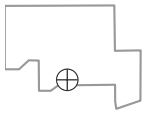


Notes:
1. Top of screen elevation is 3269.55 ft msl.
2. The bottom of screen elevation is 3254.55 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

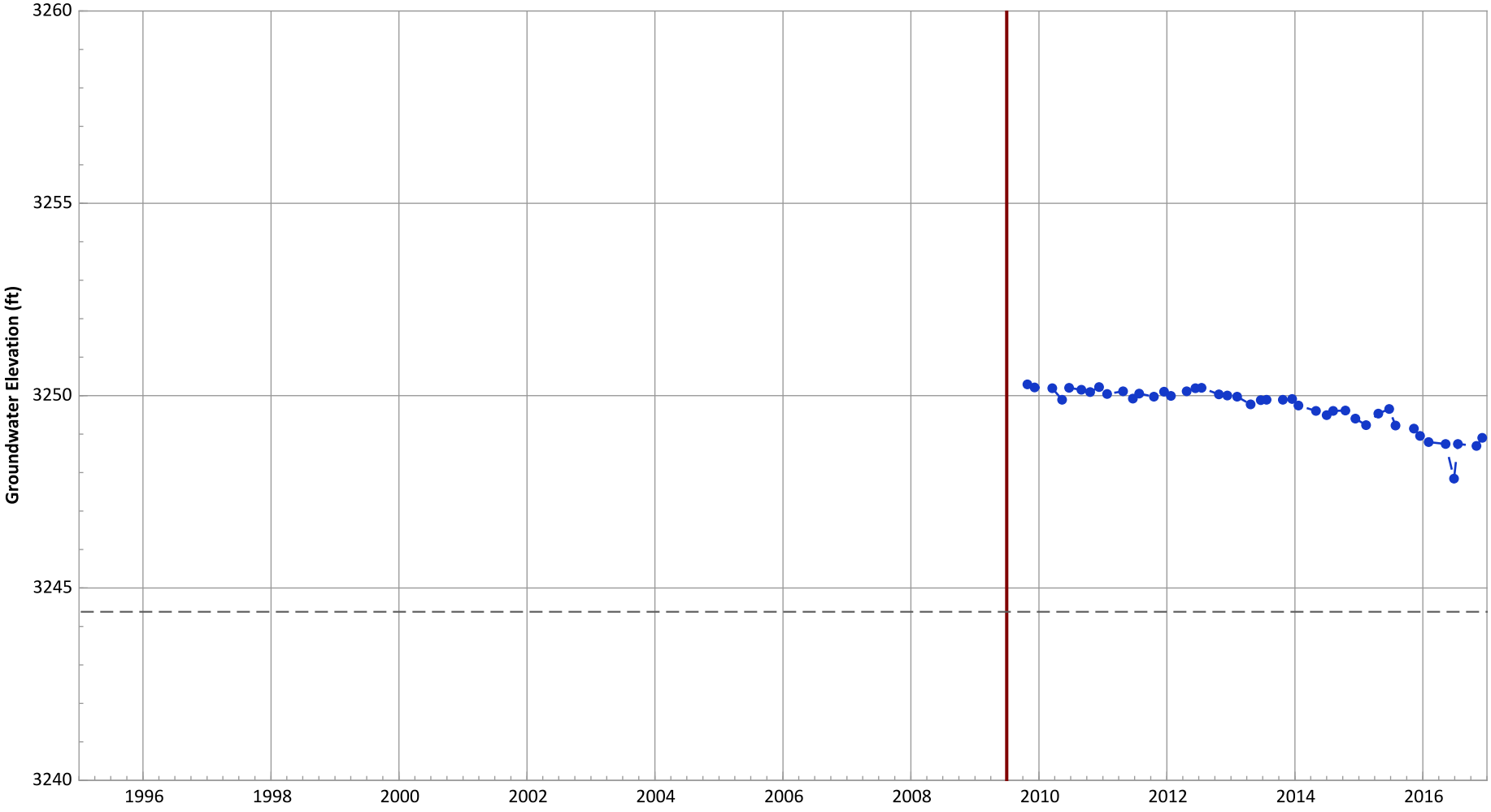
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.17 ft/yr
2014 - 2016 Data: Increasing at 0.39 ft/yr

PTX06-1153 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

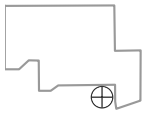


Notes:
1. Top of screen elevation is 3254.38 ft msl.
2. The bottom of screen elevation is 3244.38 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

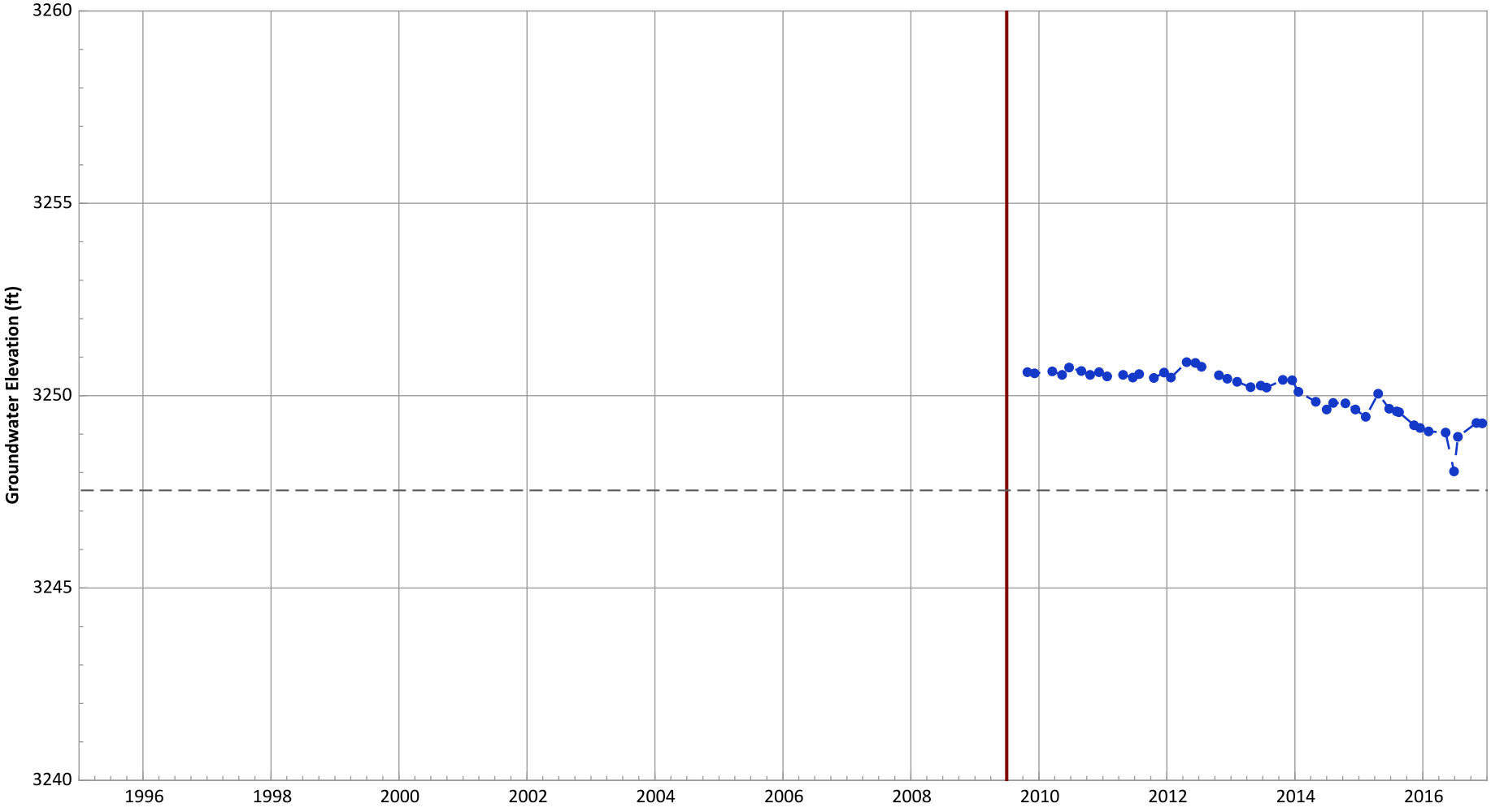
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.22 ft/yr
2014 - 2016 Data: Decreasing at 0.55 ft/yr

PTX06-1154 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

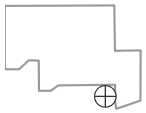


Notes:
1. Top of screen elevation is 3257.54 ft msl.
2. The bottom of screen elevation is 3247.54 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

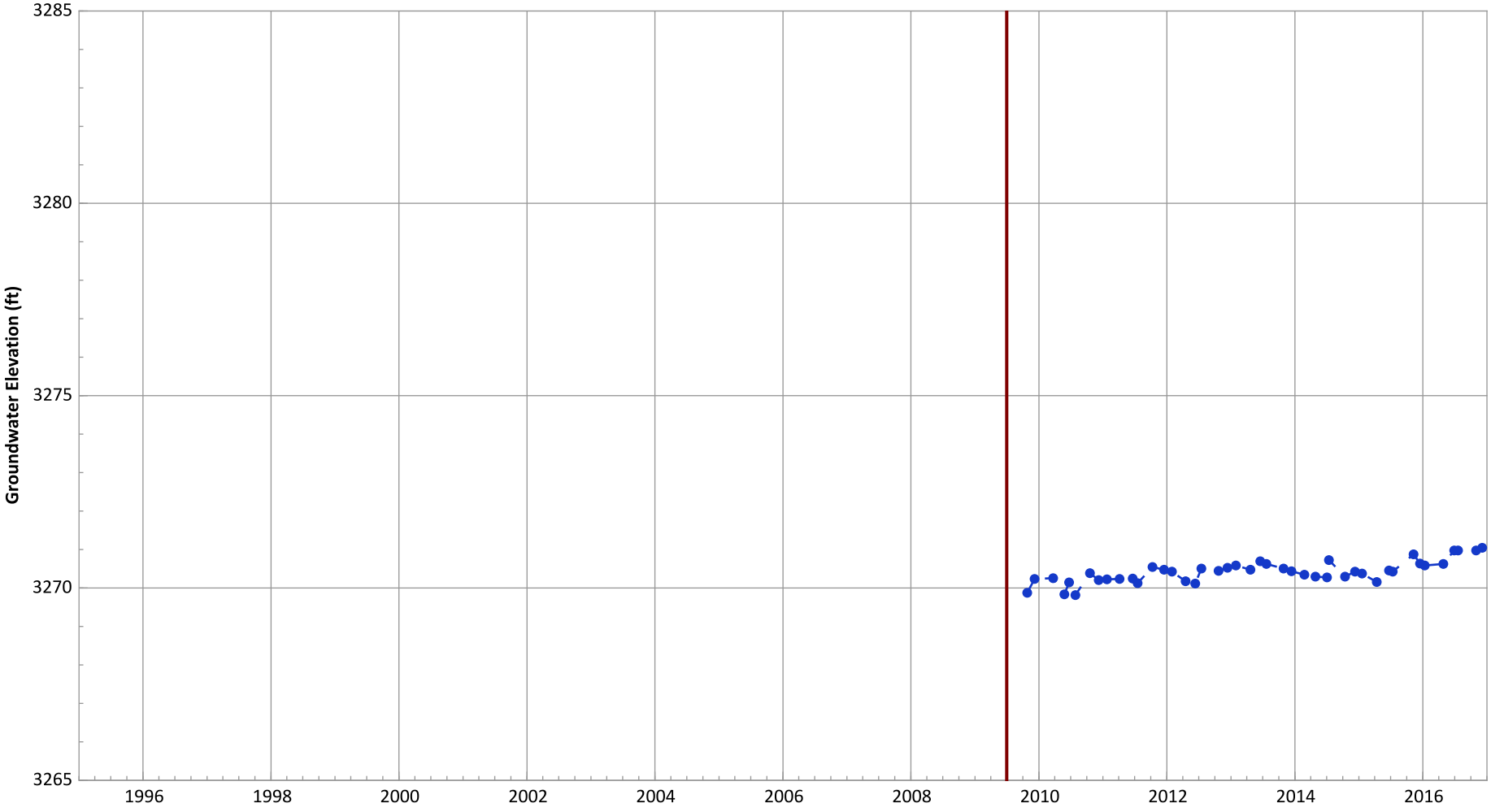
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.26 ft/yr
2014 - 2016 Data: Decreasing at 0.49 ft/yr

PTX06-1155 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

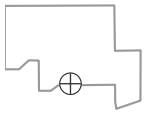


Notes:
1. Top of screen elevation is 3270.01 ft msl.
2. The bottom of screen elevation is 3255.01 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

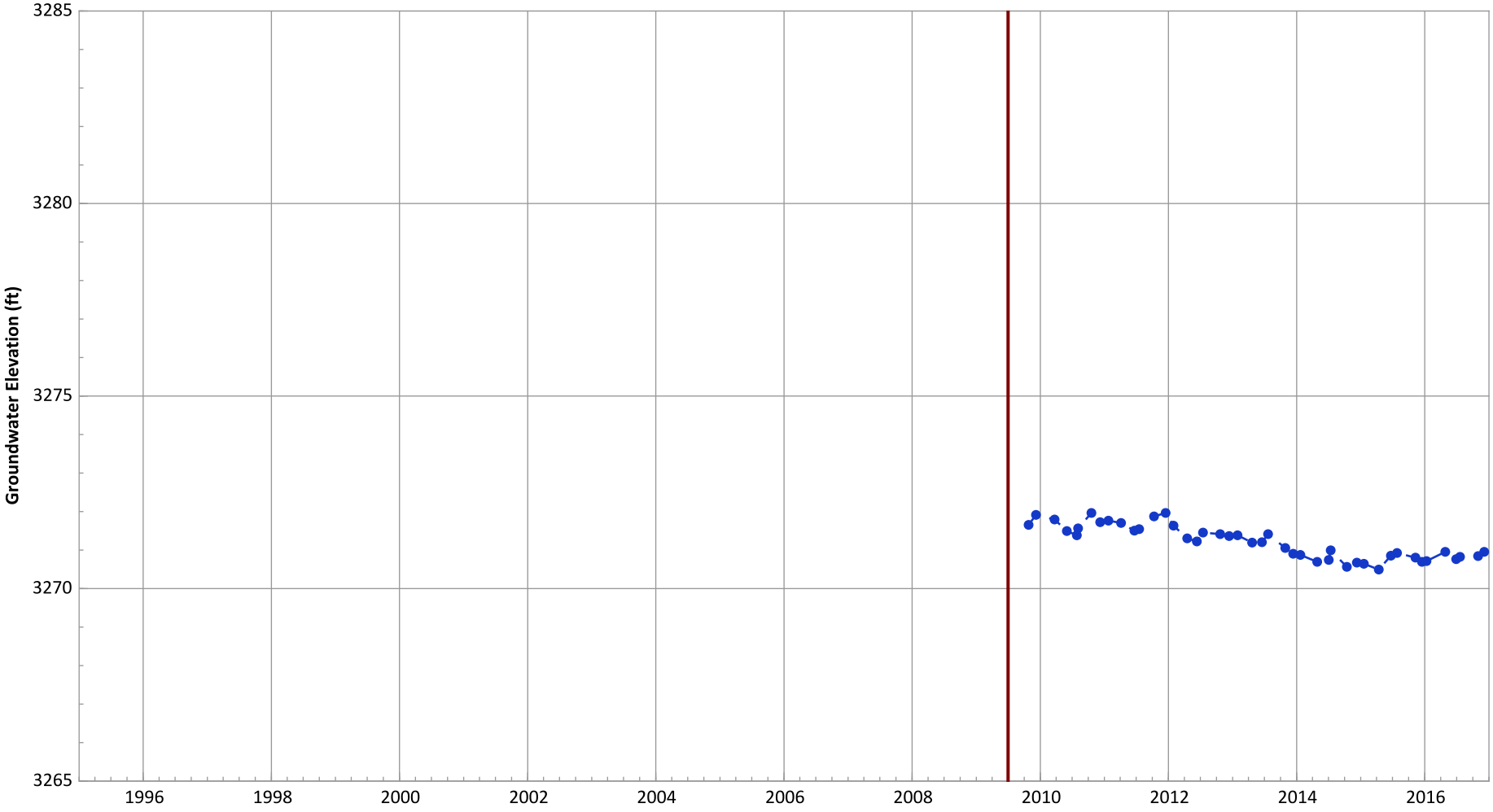
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: Increasing at 0.42 ft/yr

PTX06-1156 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

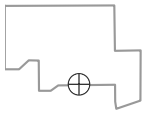


Notes:
1. Top of screen elevation is 3273.4 ft msl.
2. The bottom of screen elevation is 3248.4 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

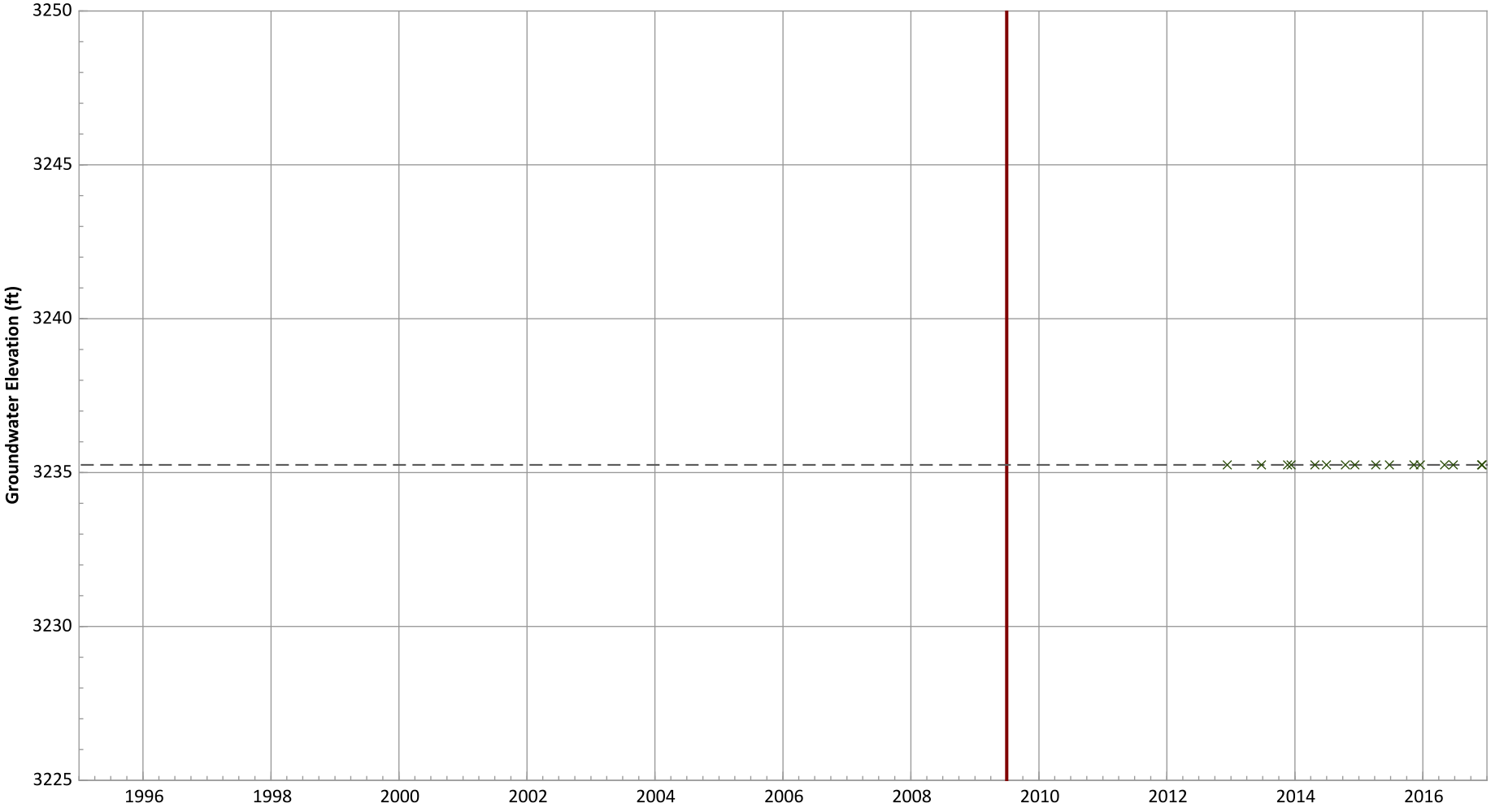
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.18 ft/yr
2014 - 2016 Data: Increasing at 0.13 ft/yr

PTX06-1158 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3245.25 ft msl.
2. The bottom of screen elevation is 3235.25 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

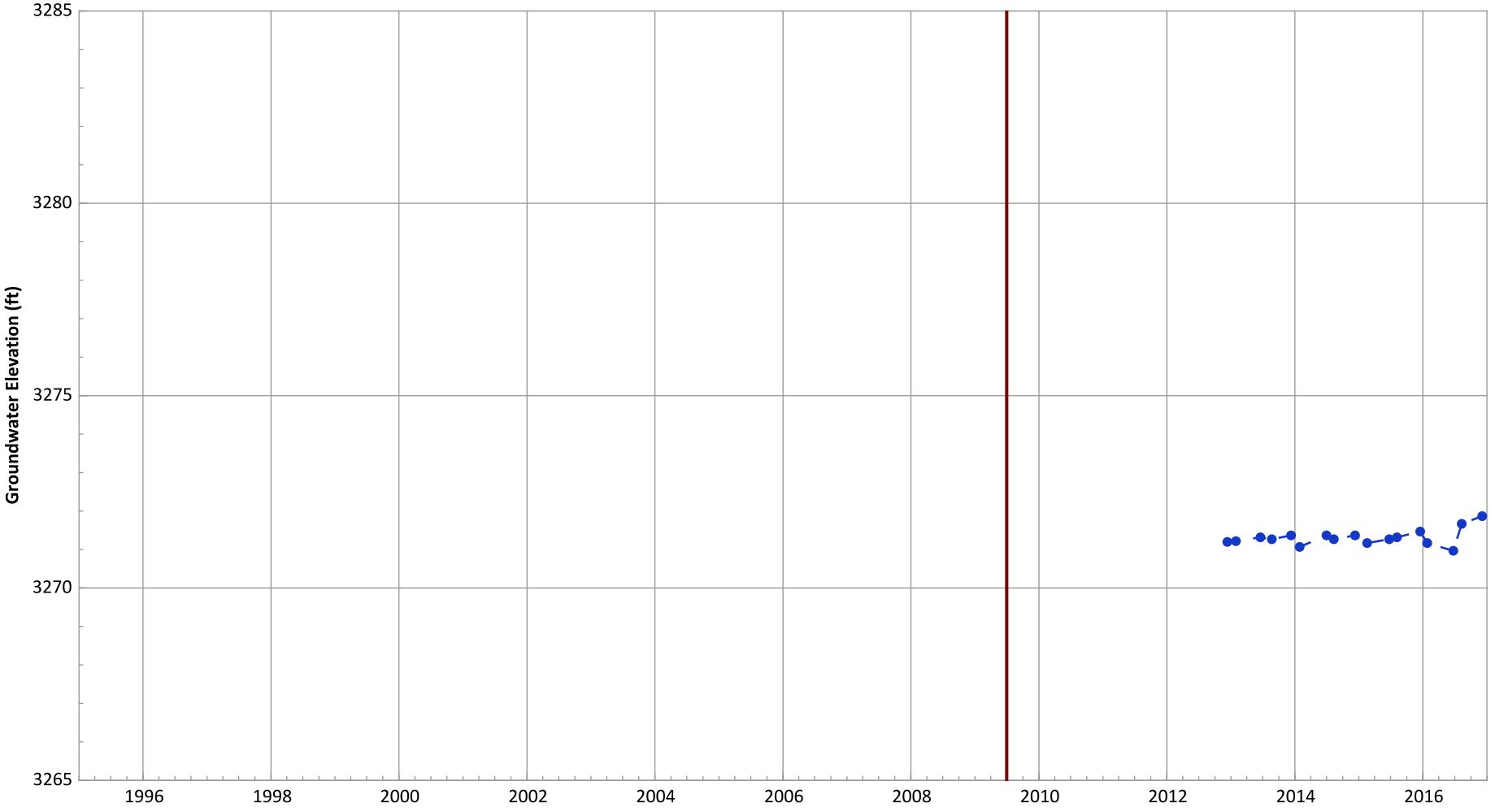
Analysis Date: 02/02/2017

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-1159 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

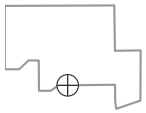


Notes:
1. Top of screen elevation is 3273.93 ft msl.
2. The bottom of screen elevation is 3253.93 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

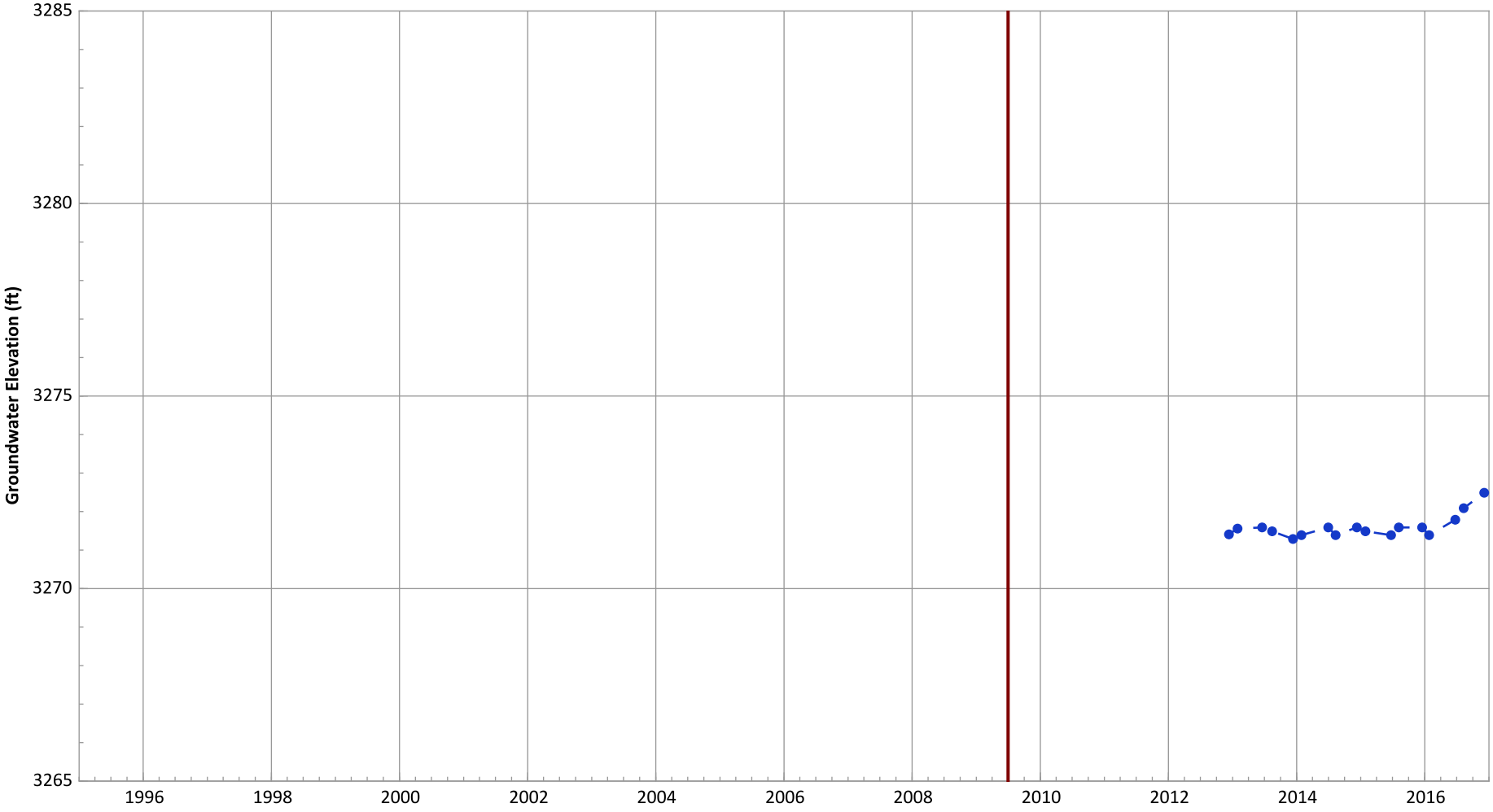
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: Increasing at 0.26 ft/yr

PTX06-1160 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

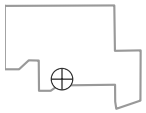


Notes:
1. Top of screen elevation is 3271.51 ft msl.
2. The bottom of screen elevation is 3246.51 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

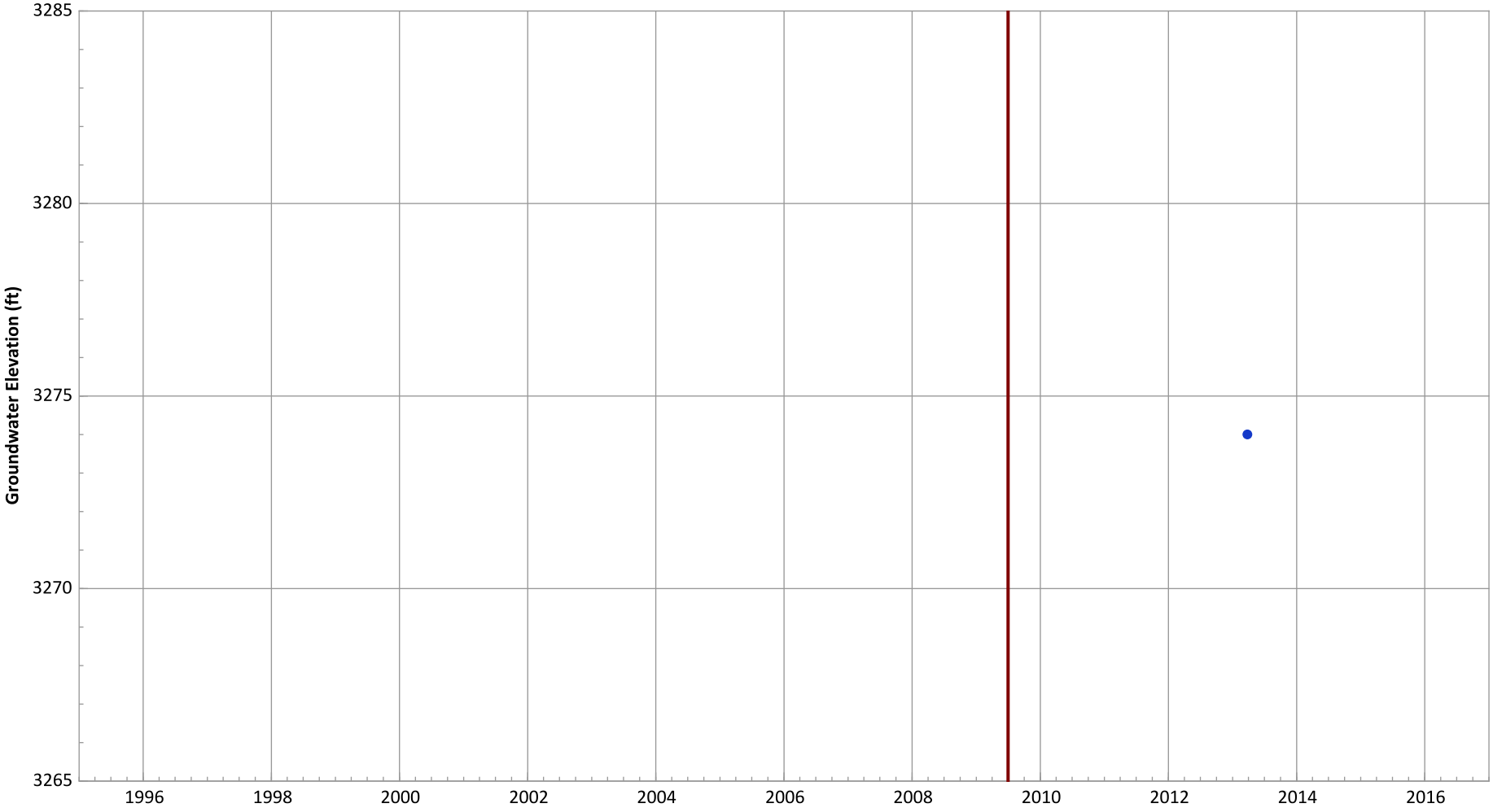
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.14 ft/yr
2014 - 2016 Data: Increasing at 0.51 ft/yr

PTX06-1162 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

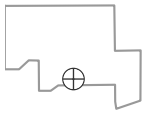


Notes:
1. Top of screen elevation is 3276.3 ft msl.
2. The bottom of screen elevation is 3256.3 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

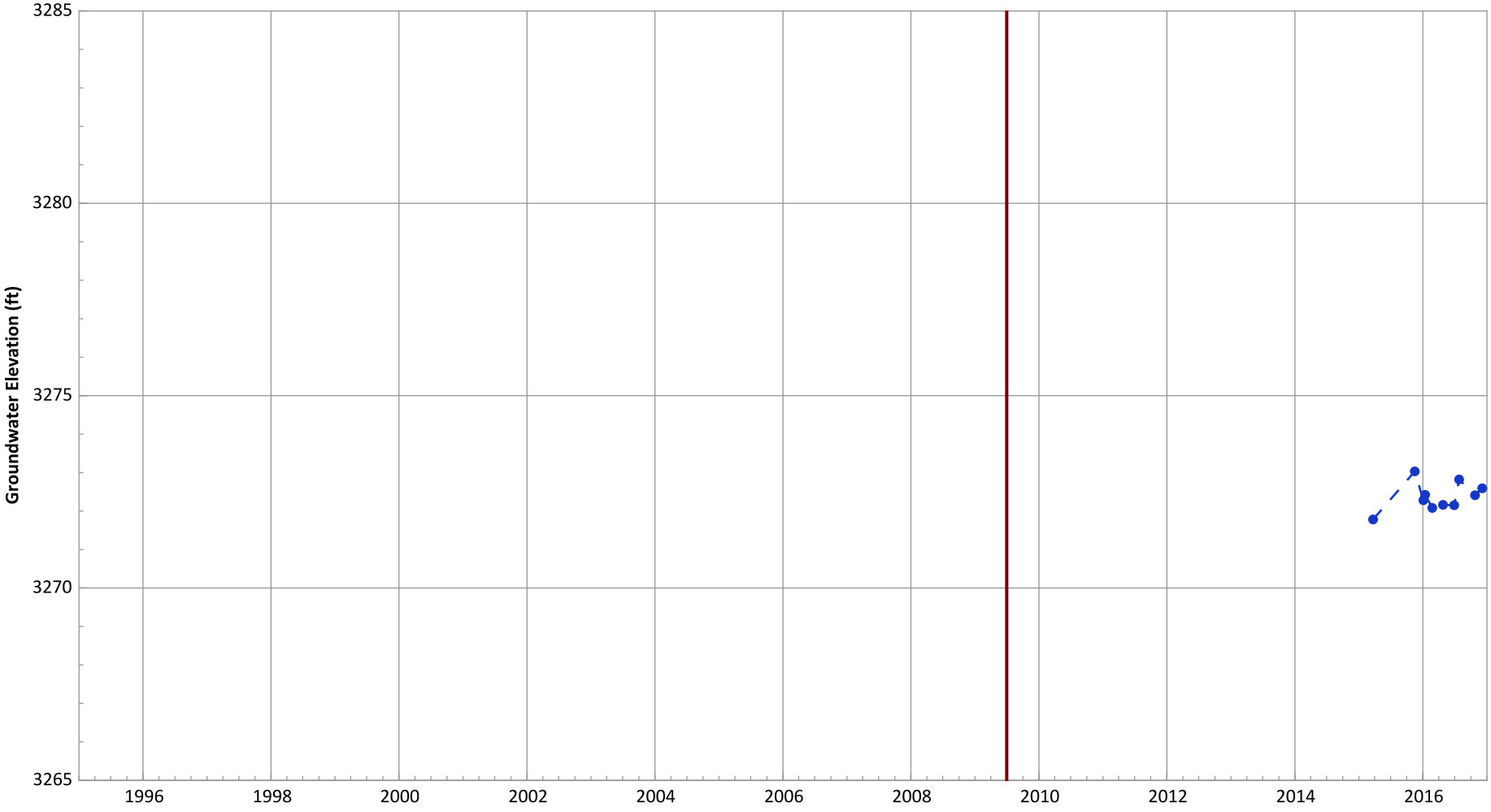
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-1164 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

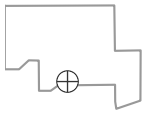


Notes:
1. Top of screen elevation is 3271.78 ft msl.
2. The bottom of screen elevation is 3251.78 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

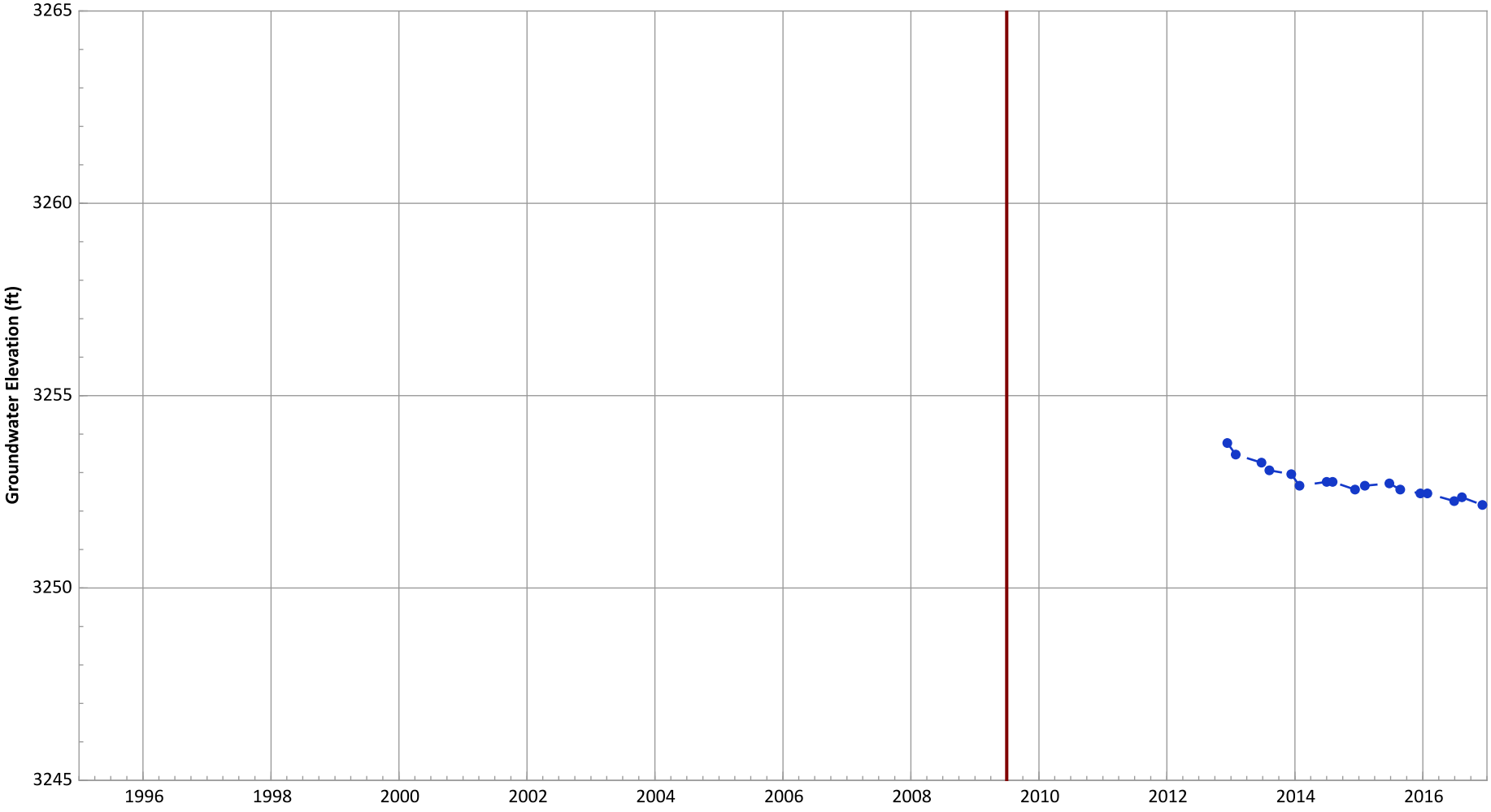
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.29 ft/yr
2014 - 2016 Data: Increasing at 0.29 ft/yr

PTX06-1166 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

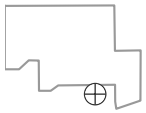


Notes:
1. Top of screen elevation is 3254.36 ft msl.
2. The bottom of screen elevation is 3244.36 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

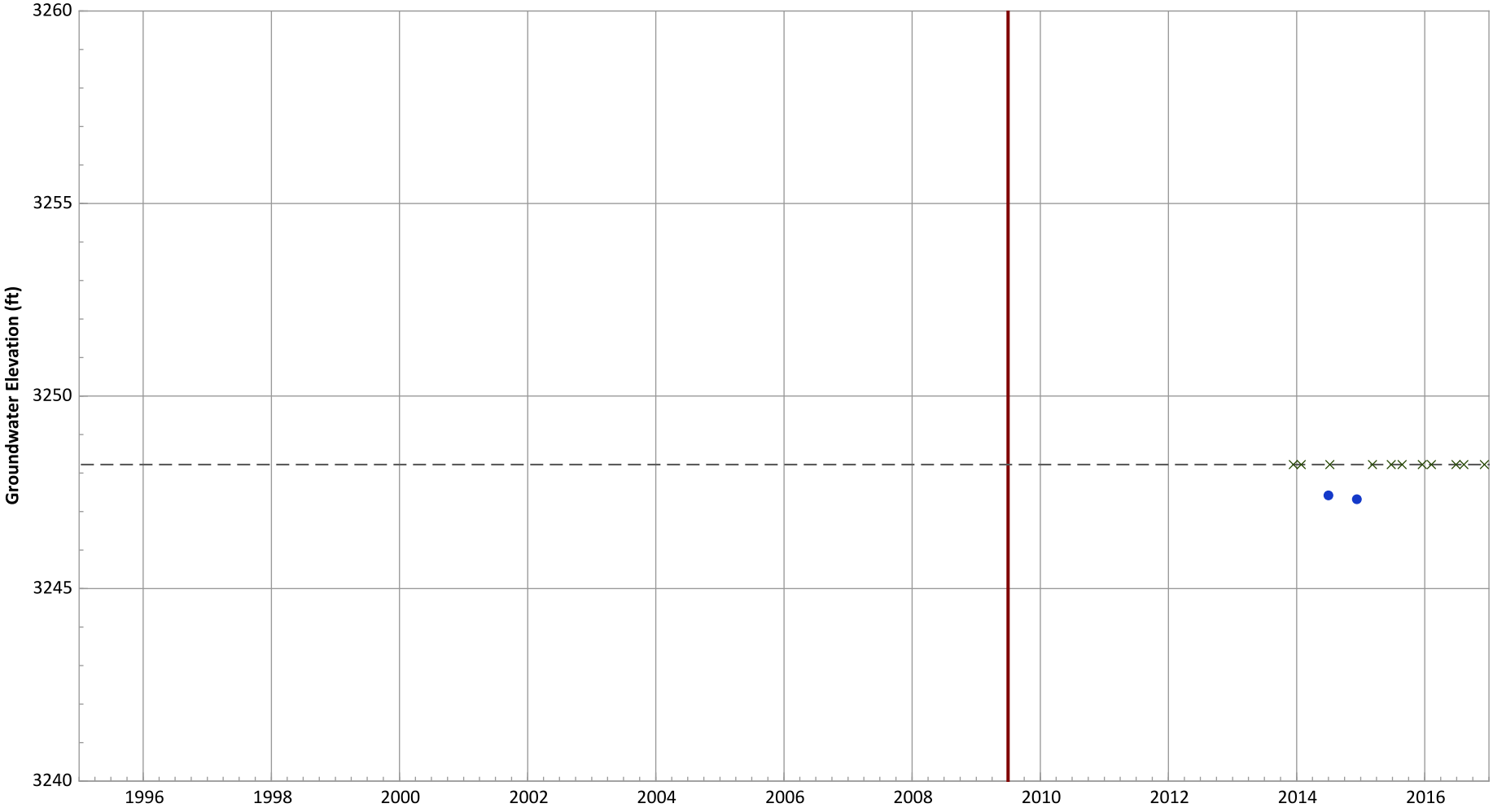
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.31 ft/yr
2014 - 2016 Data: Decreasing at 0.29 ft/yr

PTX06-1167 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

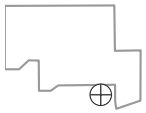


Notes:
1. Top of screen elevation is 3258.22 ft msl.
2. The bottom of screen elevation is 3248.22 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

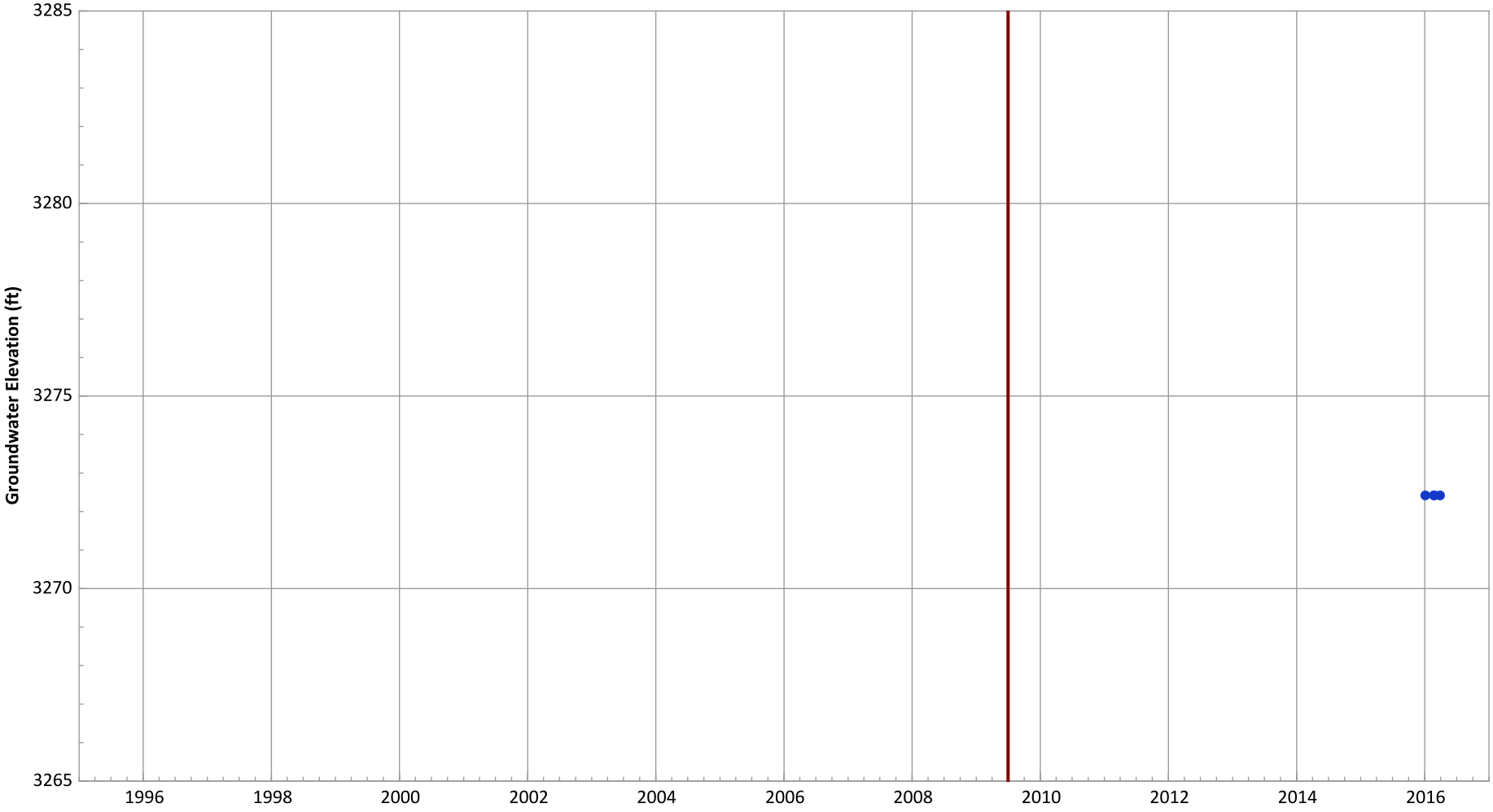
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (<3 Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-1169 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

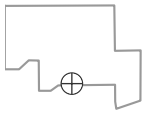


Notes:
1. Top of screen elevation is 3265.57 ft msl.
2. The bottom of screen elevation is 3255.57 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

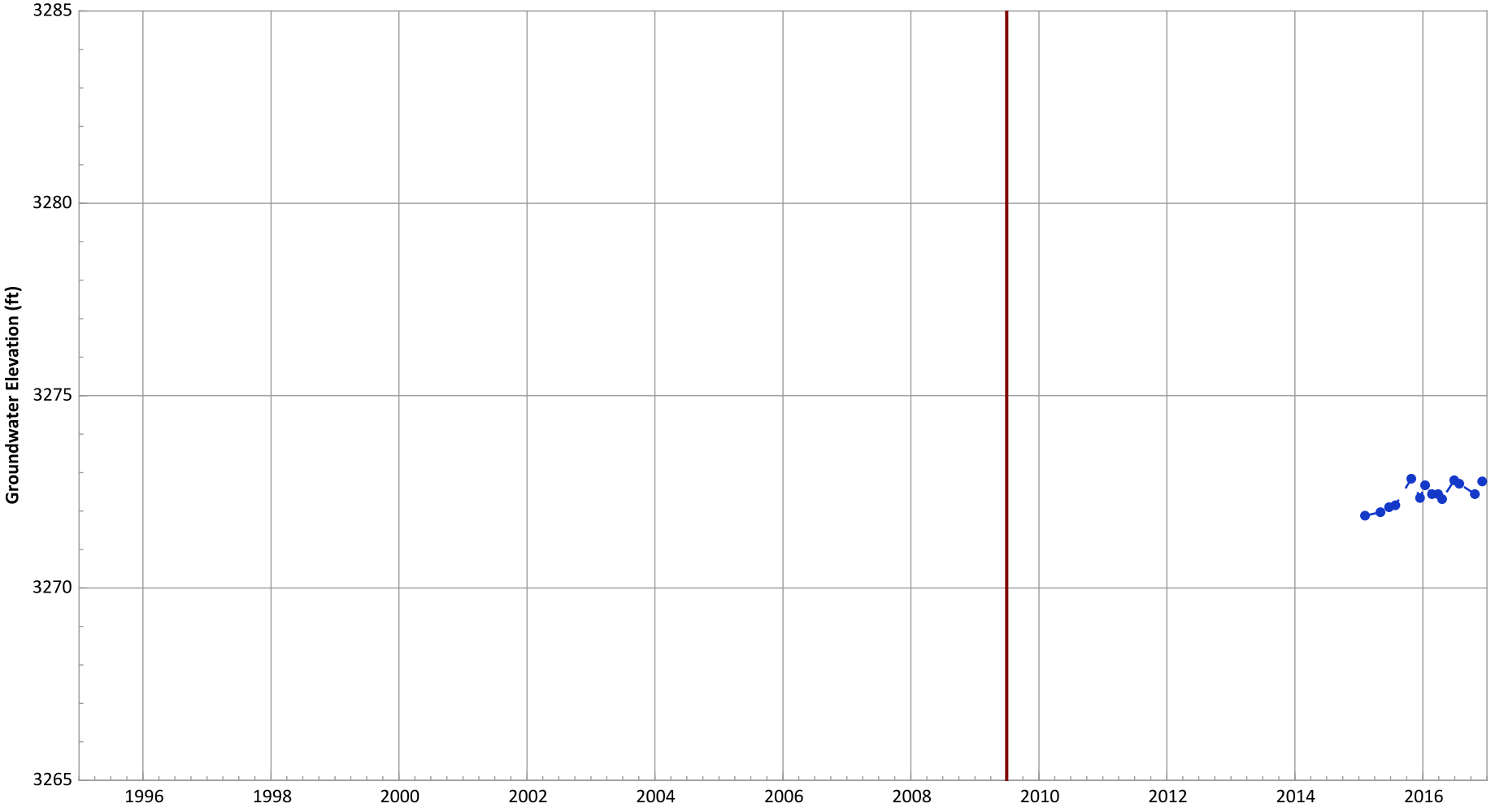
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: No Trend

PTX06-1170 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

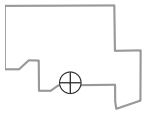


Notes:
1. Top of screen elevation is 3265.59 ft msl.
2. The bottom of screen elevation is 3255.59 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

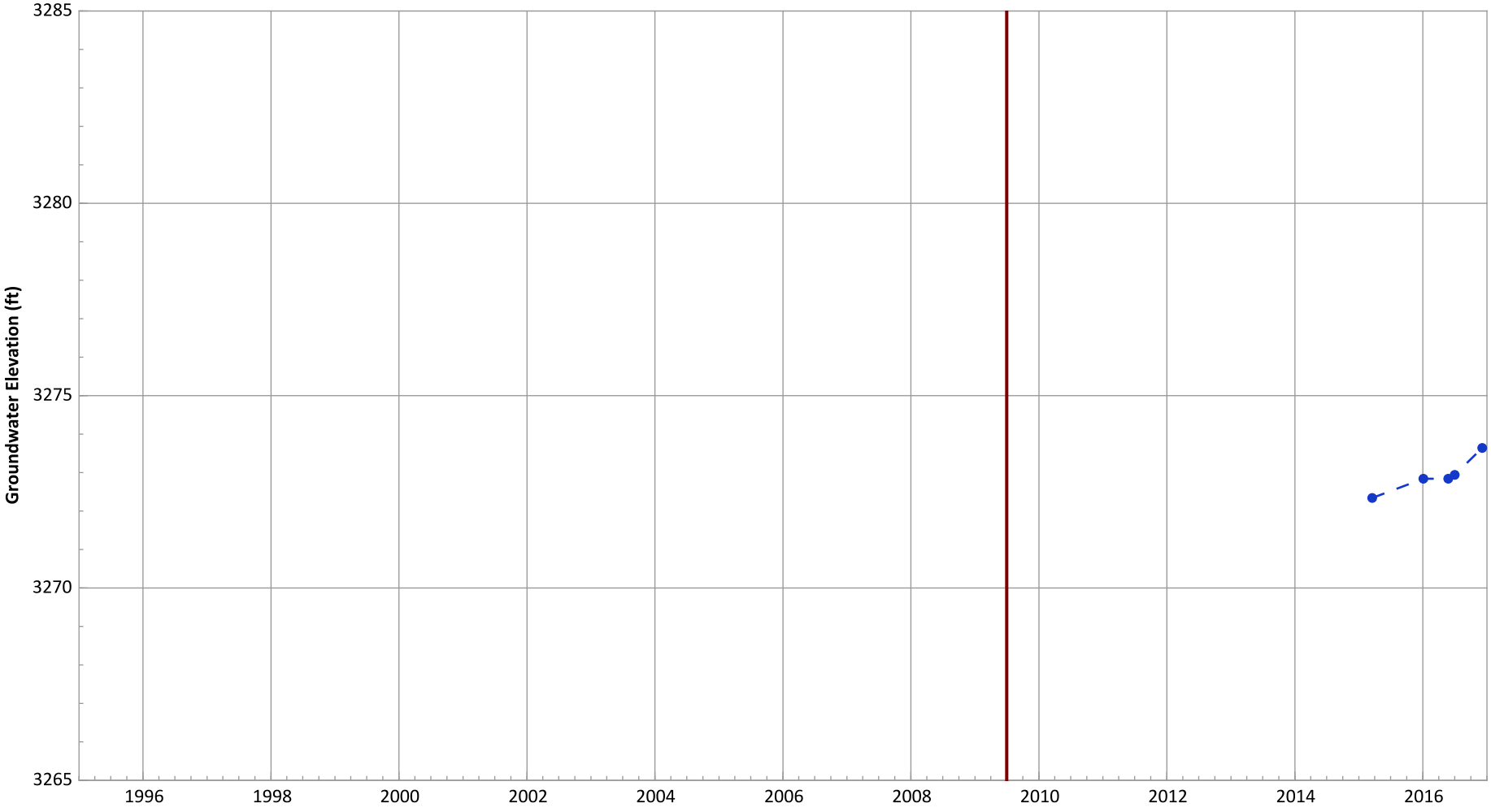
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.42 ft/yr
2014 - 2016 Data: Increasing at 0.42 ft/yr

PTX06-1171 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

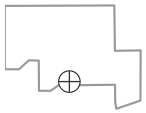


Notes:
1. Top of screen elevation is 3267.42 ft msl.
2. The bottom of screen elevation is 3257.42 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

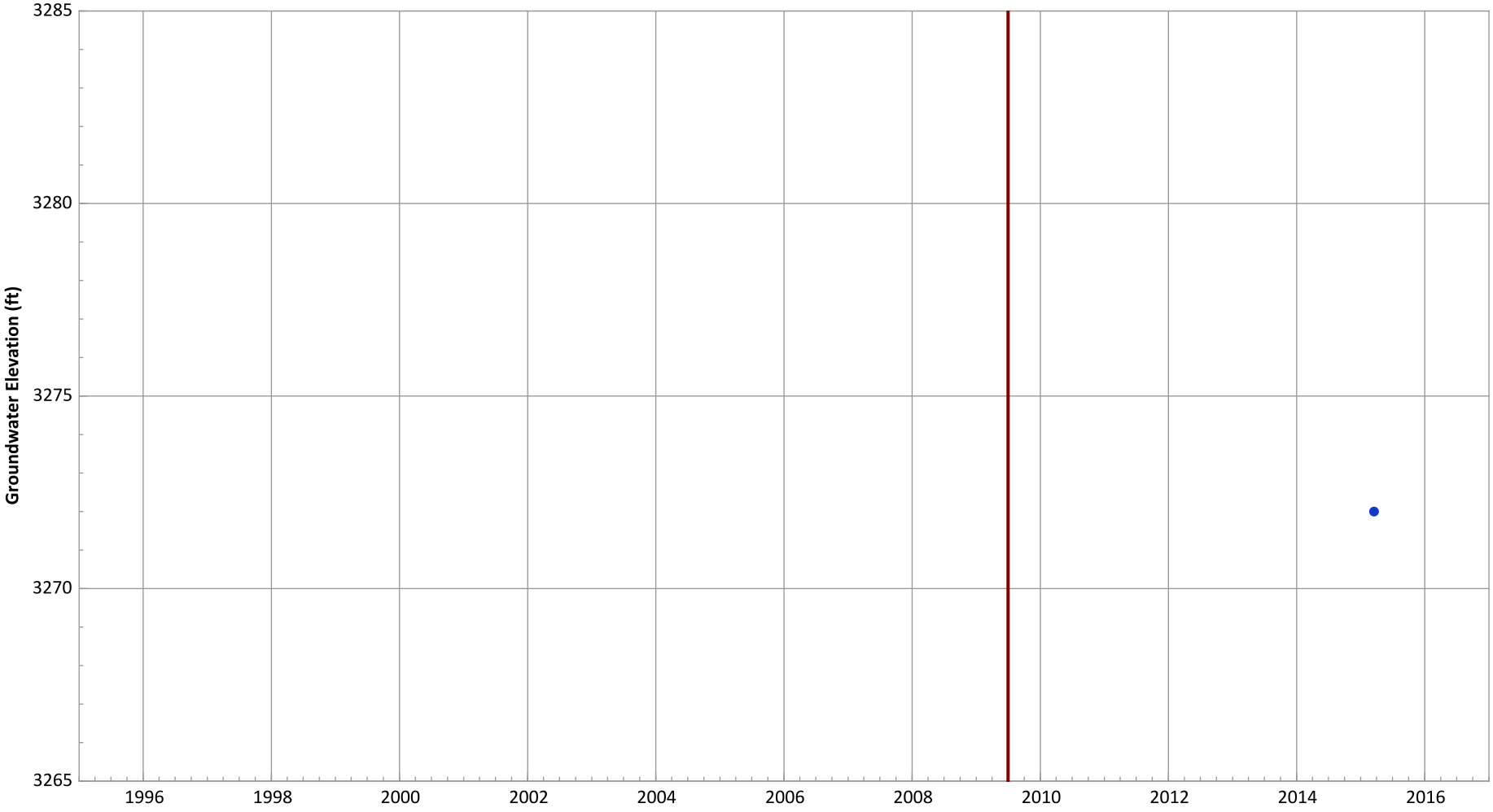
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.66 ft/yr
2014 - 2016 Data: Increasing at 0.66 ft/yr

PTX06-1172 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

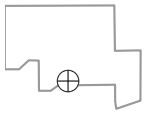


Notes:
1. Top of screen elevation is 3267.32 ft msl.
2. The bottom of screen elevation is 3257.32 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

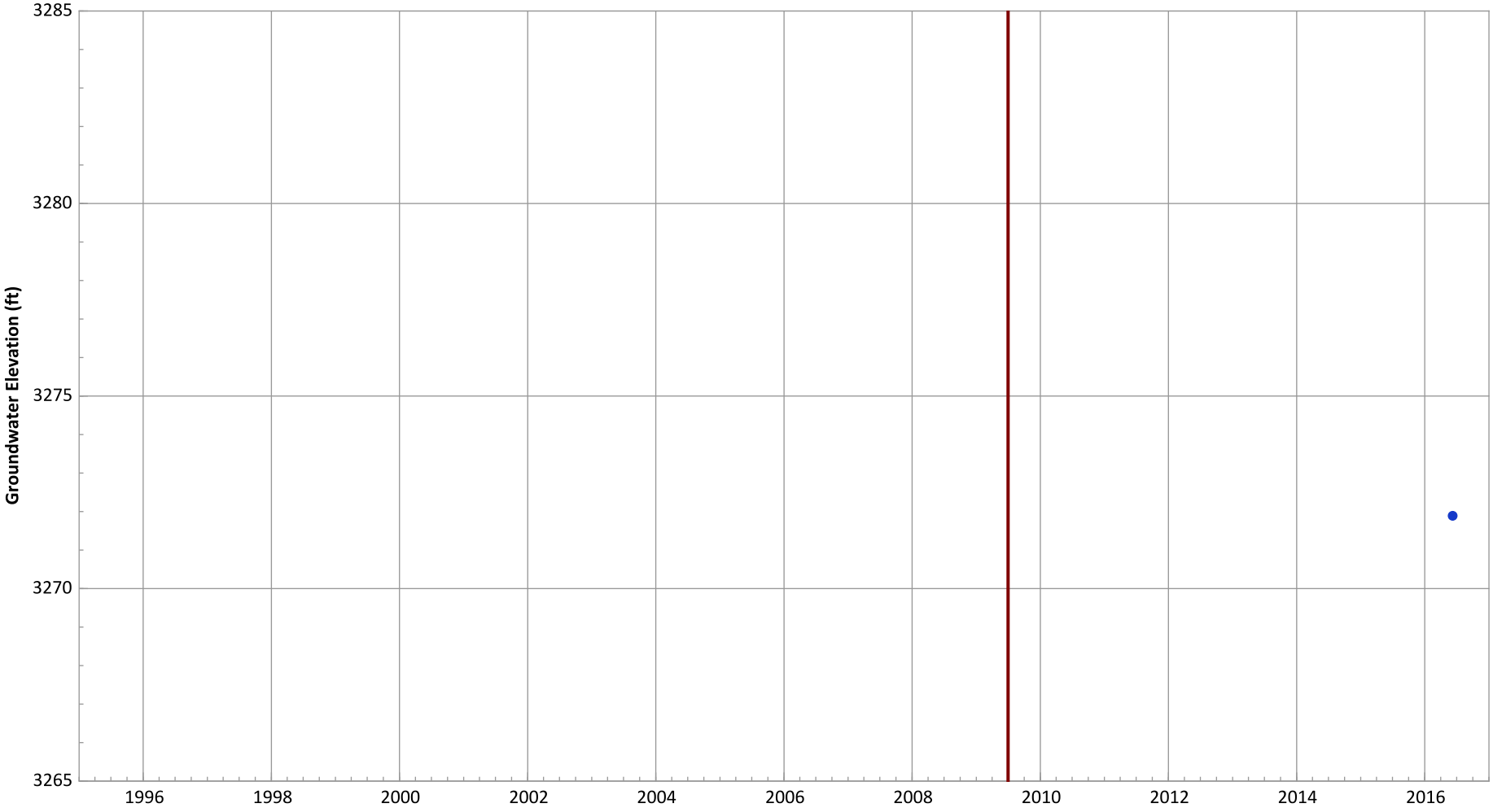
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-1173 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

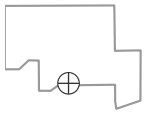


Notes:
1. Top of screen elevation is 3265.86 ft msl.
2. The bottom of screen elevation is 3255.86 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

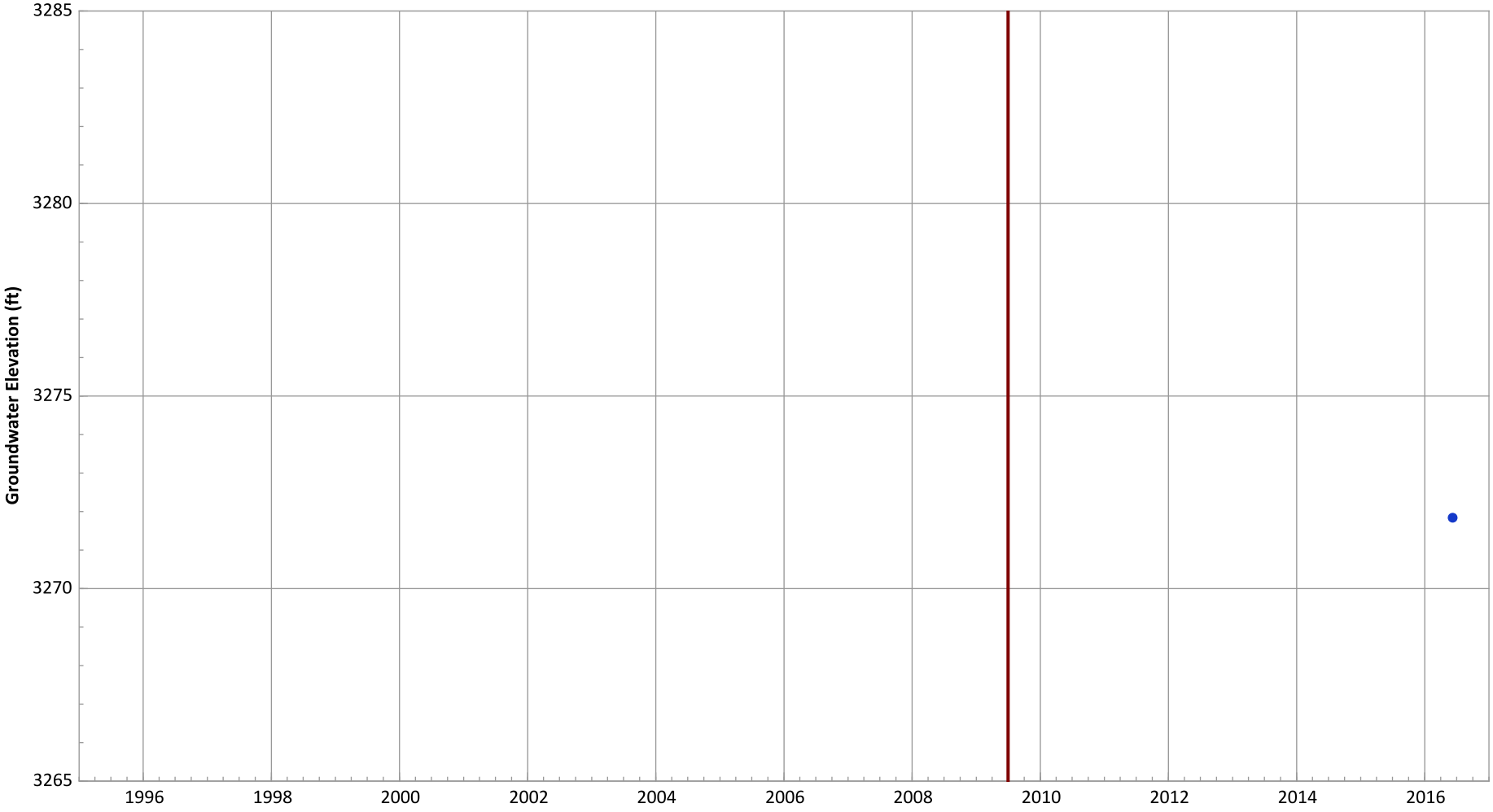
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-1174 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

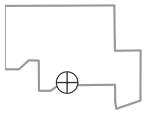


Notes:
1. Top of screen elevation is 3266.12 ft msl.
2. The bottom of screen elevation is 3256.12 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

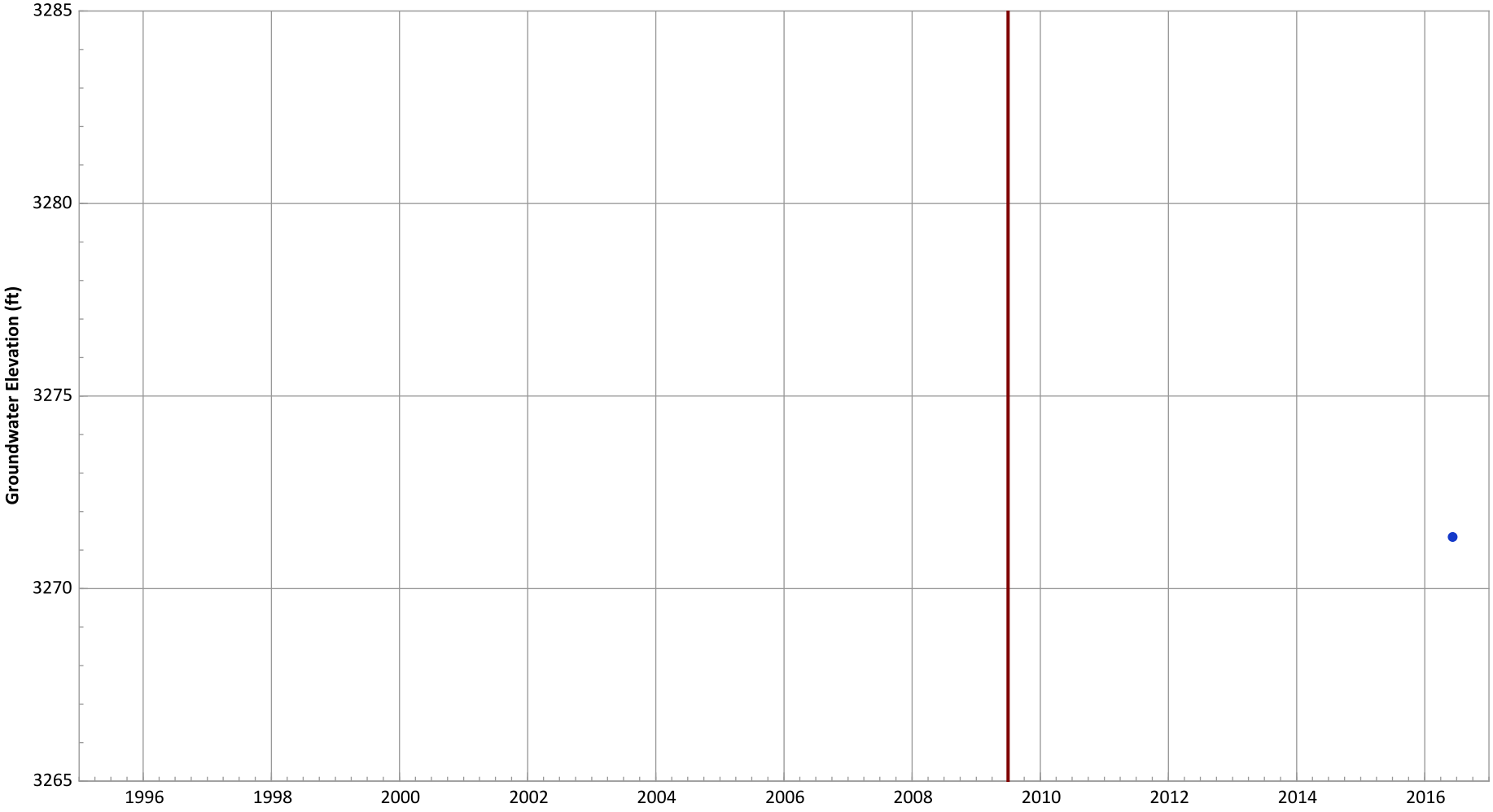
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-1175 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

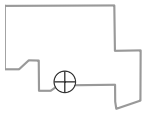


Notes:
1. Top of screen elevation is 3268.15 ft msl.
2. The bottom of screen elevation is 3258.15 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

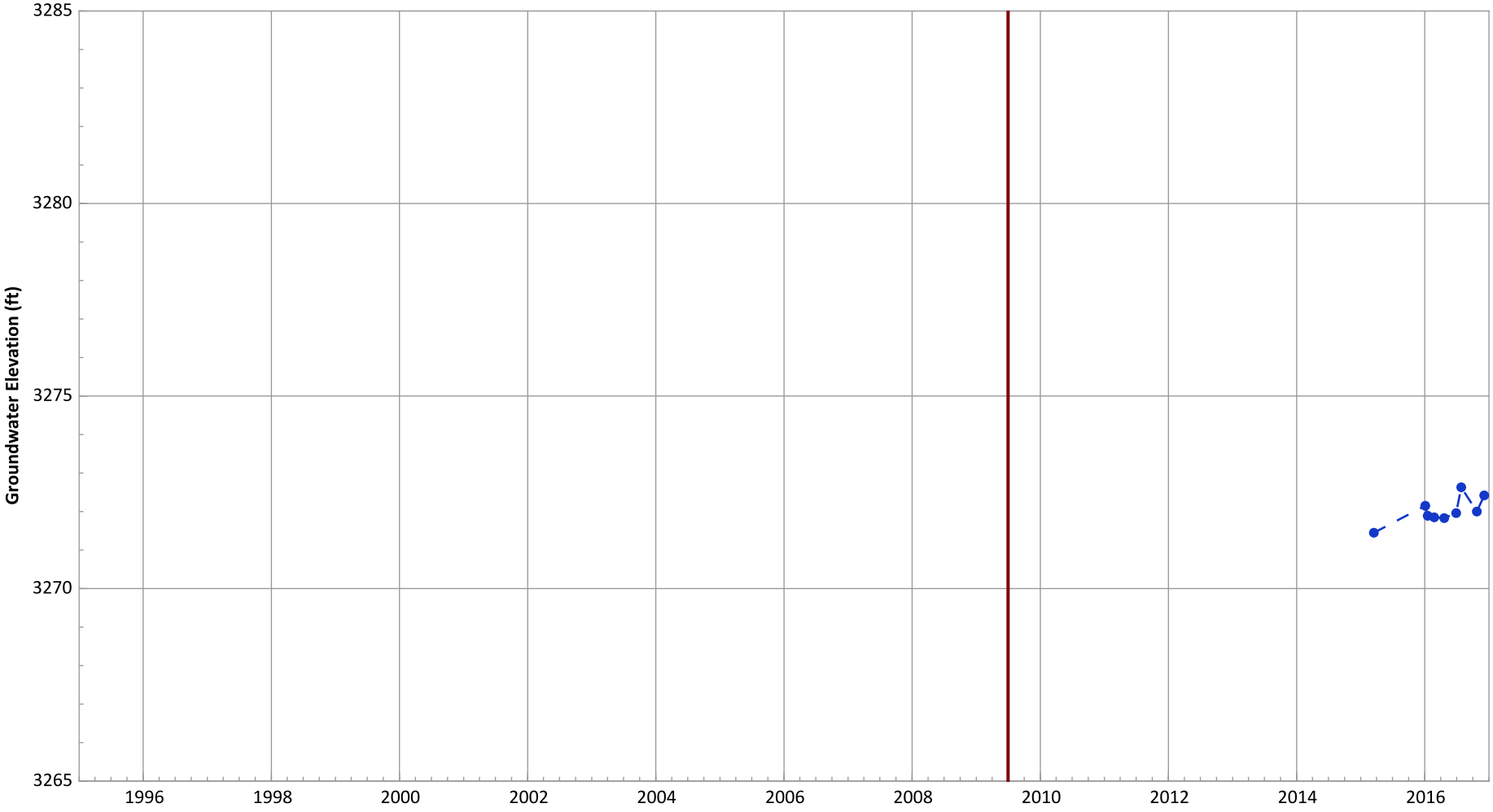
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-1176 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

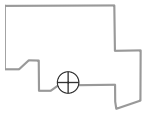


Notes:
1. Top of screen elevation is 3264.94 ft msl.
2. The bottom of screen elevation is 3254.94 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

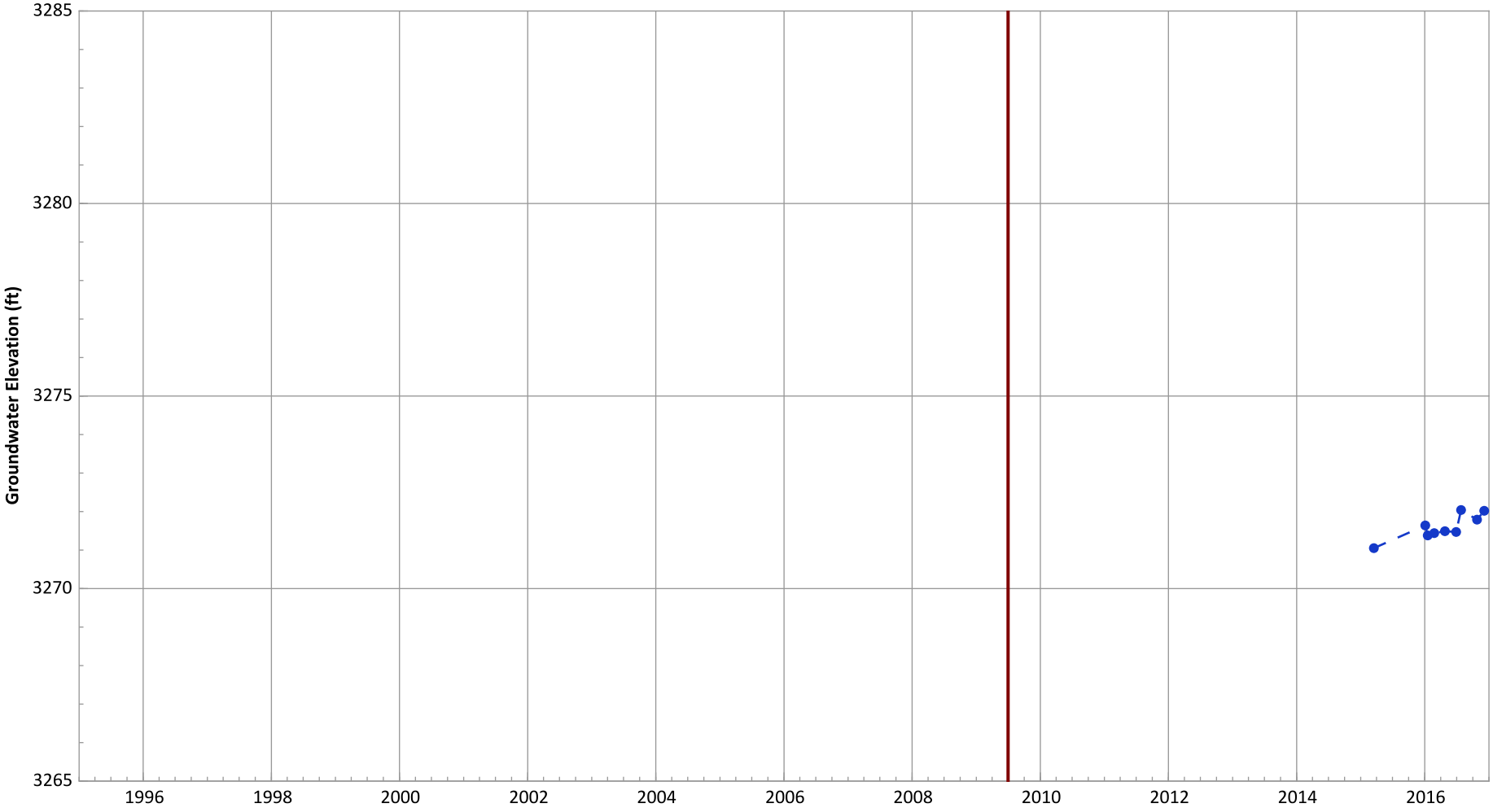
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.49 ft/yr
2014 - 2016 Data: Increasing at 0.49 ft/yr

PTX06-1177 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

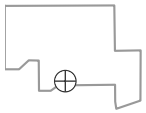


Notes:
1. Top of screen elevation is 3270.69 ft msl.
2. The bottom of screen elevation is 3260.69 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

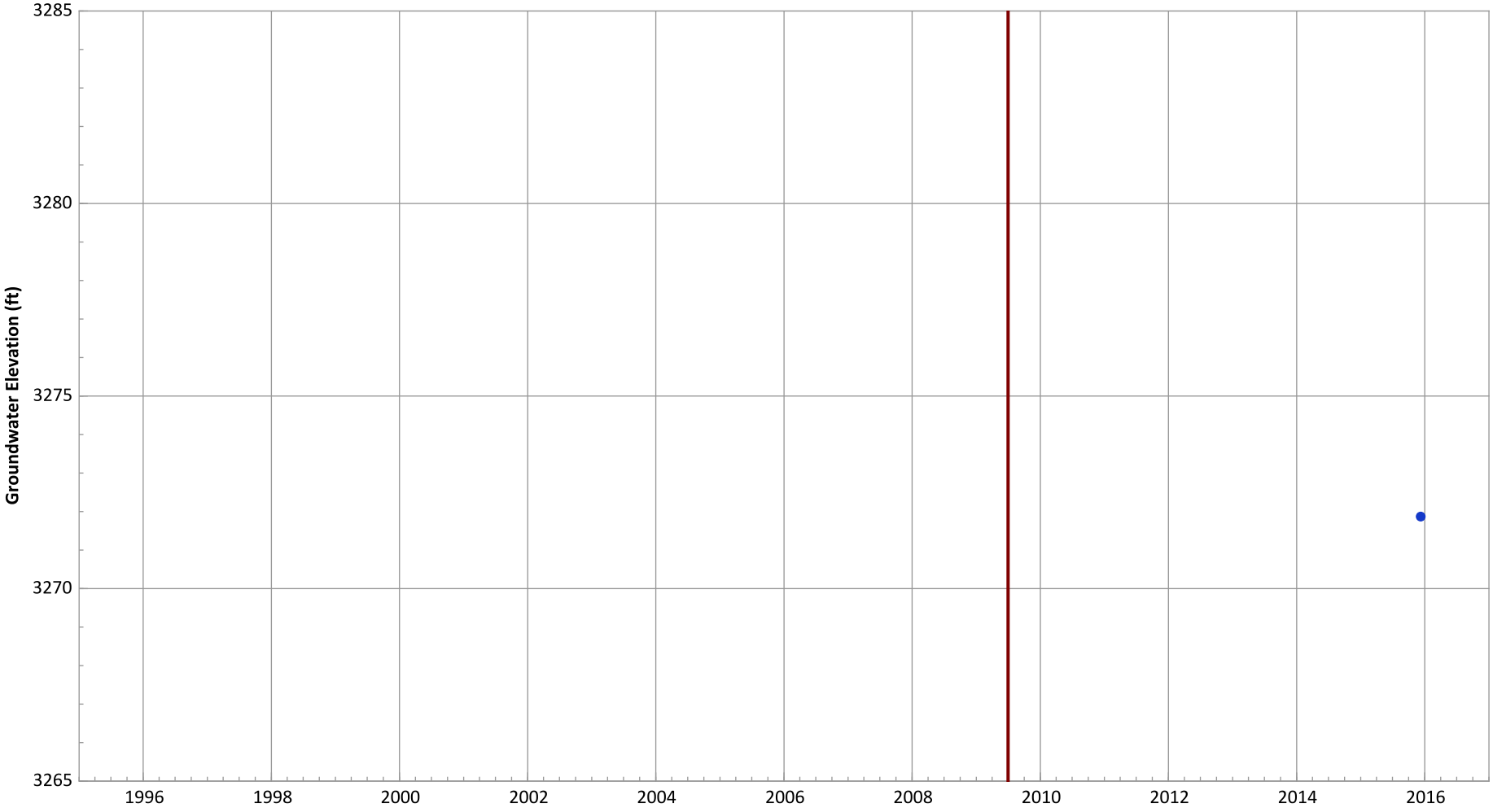
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.53 ft/yr
2014 - 2016 Data: Increasing at 0.53 ft/yr

PTX06-1180 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

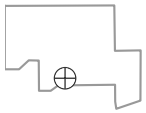


Notes:
1. Top of screen elevation is 3268.29 ft msl.
2. The bottom of screen elevation is 3258.29 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

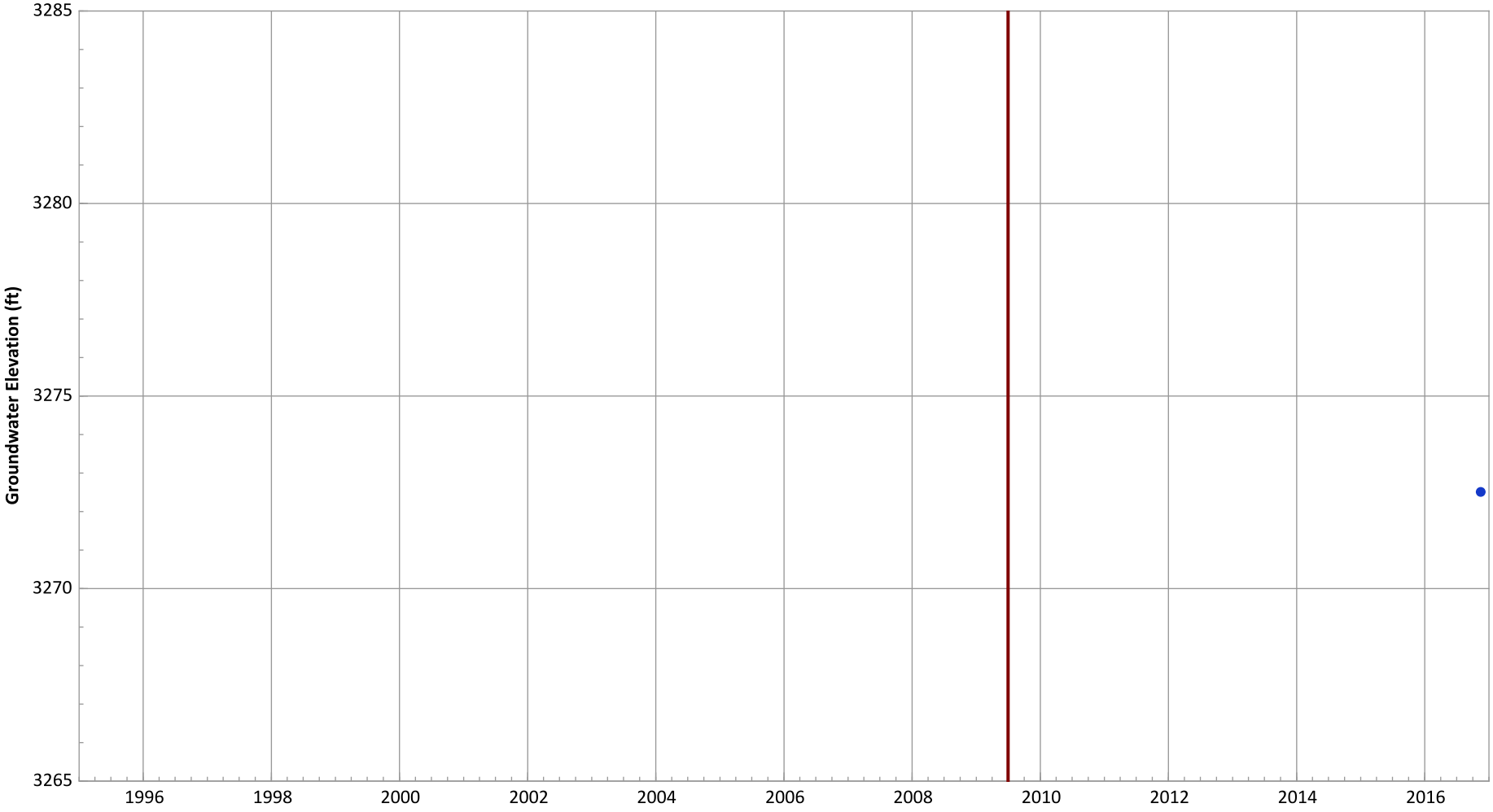
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-1181 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

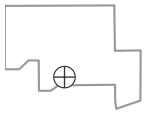


Notes:
1. Top of screen elevation is 3280.54 ft msl.
2. The bottom of screen elevation is 3250.54 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

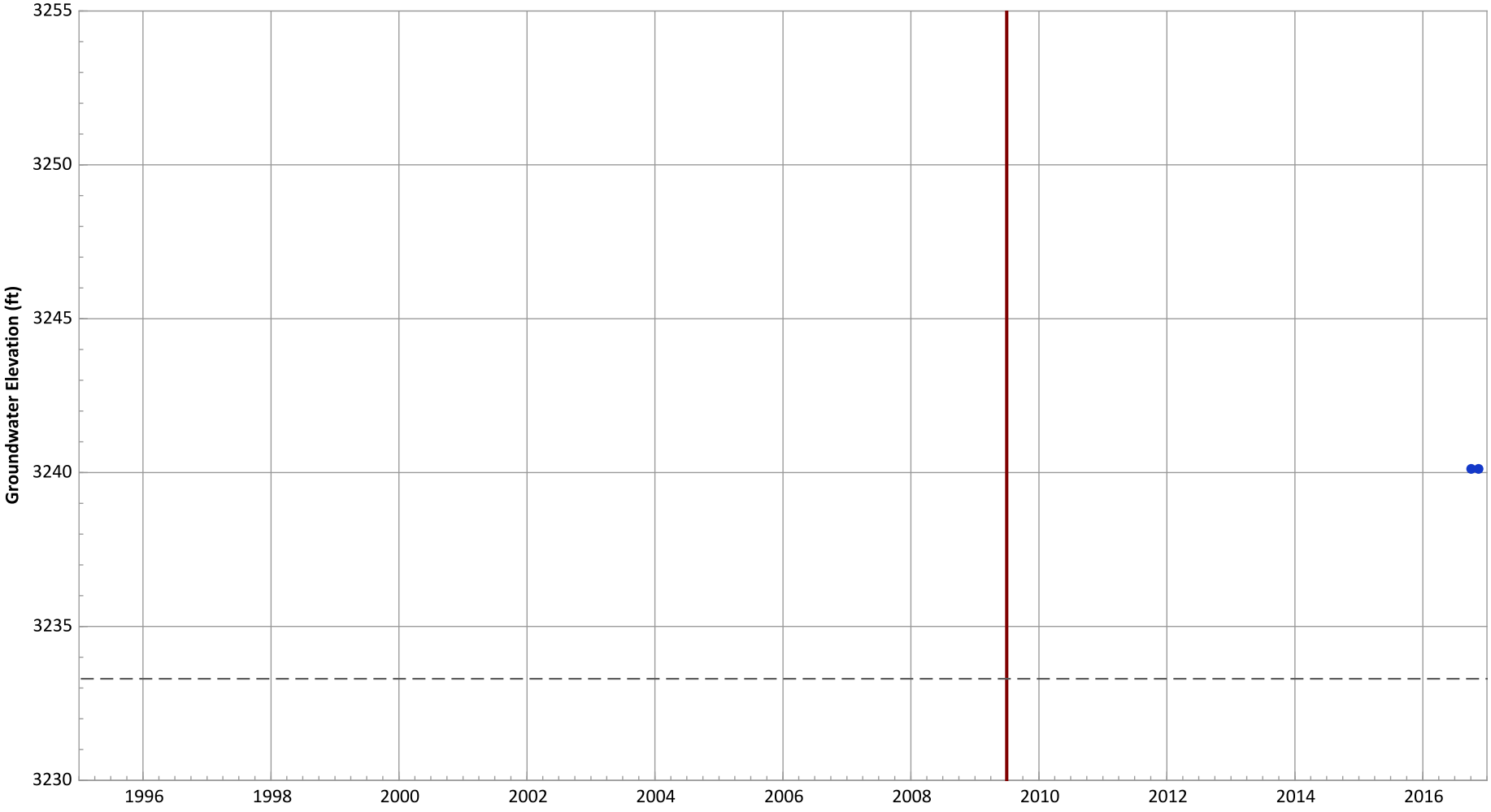
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-1182 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

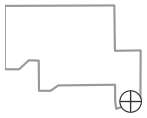


Notes:
1. Top of screen elevation is 3243.3 ft msl.
2. The bottom of screen elevation is 3233.3 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

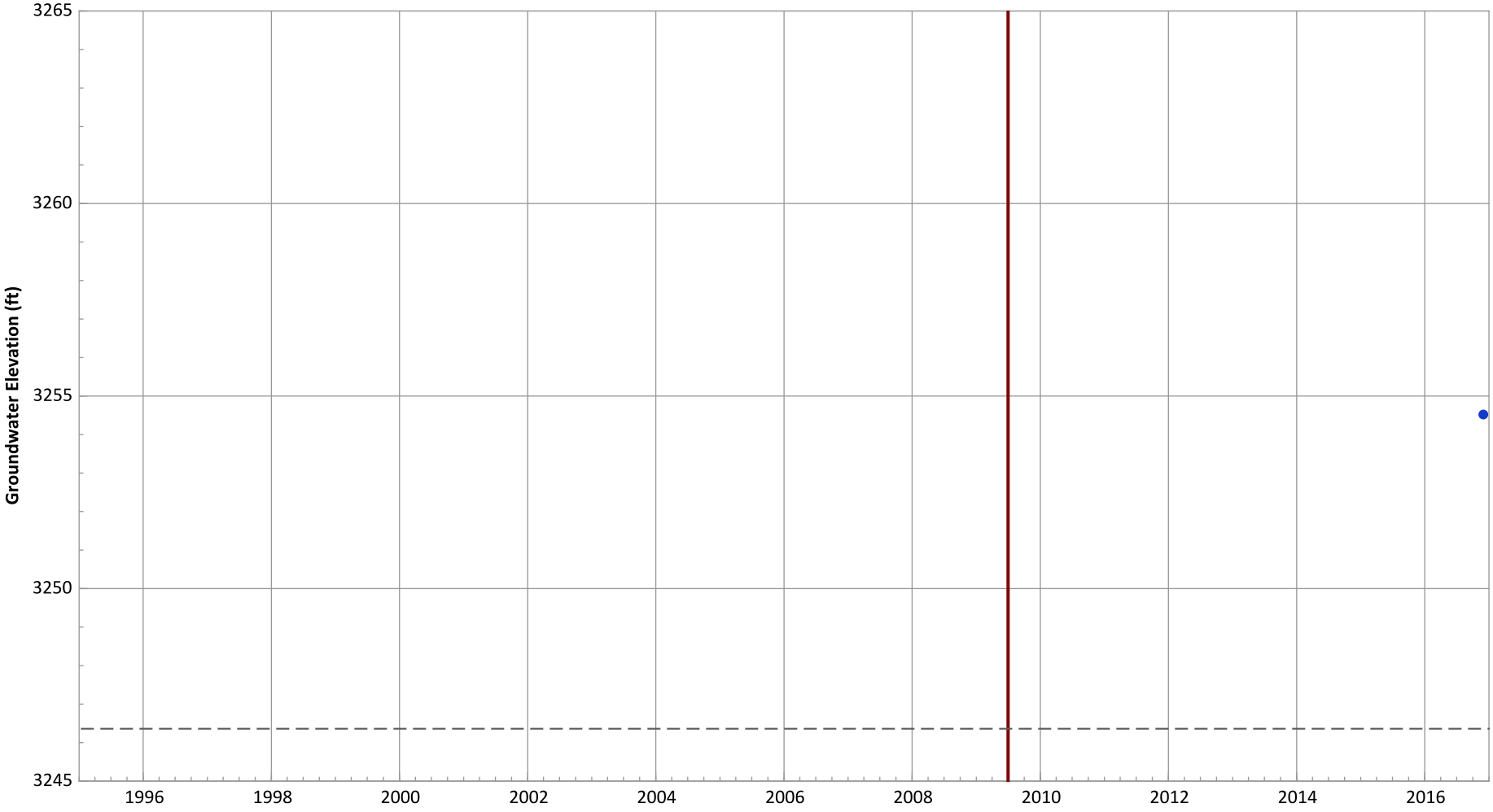
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (<3 Measurements)
2014 - 2016 Data: N/A (<3 Measurements)

PTX06-1183 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

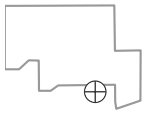


Notes:
1. Top of screen elevation is 3256.36 ft msl.
2. The bottom of screen elevation is 3246.36 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

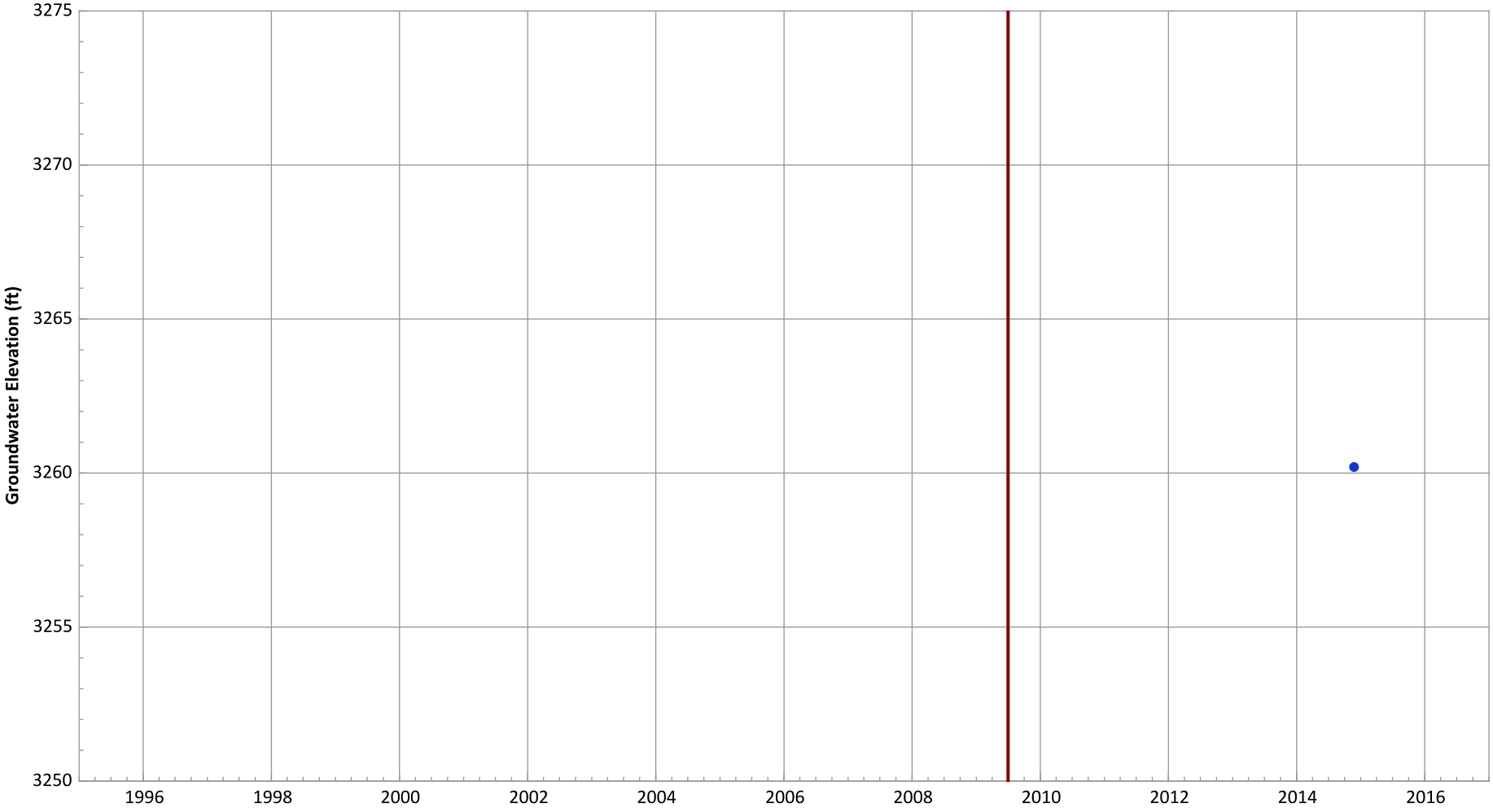
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-EW-26 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

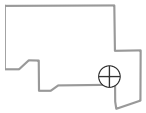


Notes:
1. Top of screen elevation is 3268.82 ft msl.
2. The bottom of screen elevation is 3238.82 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

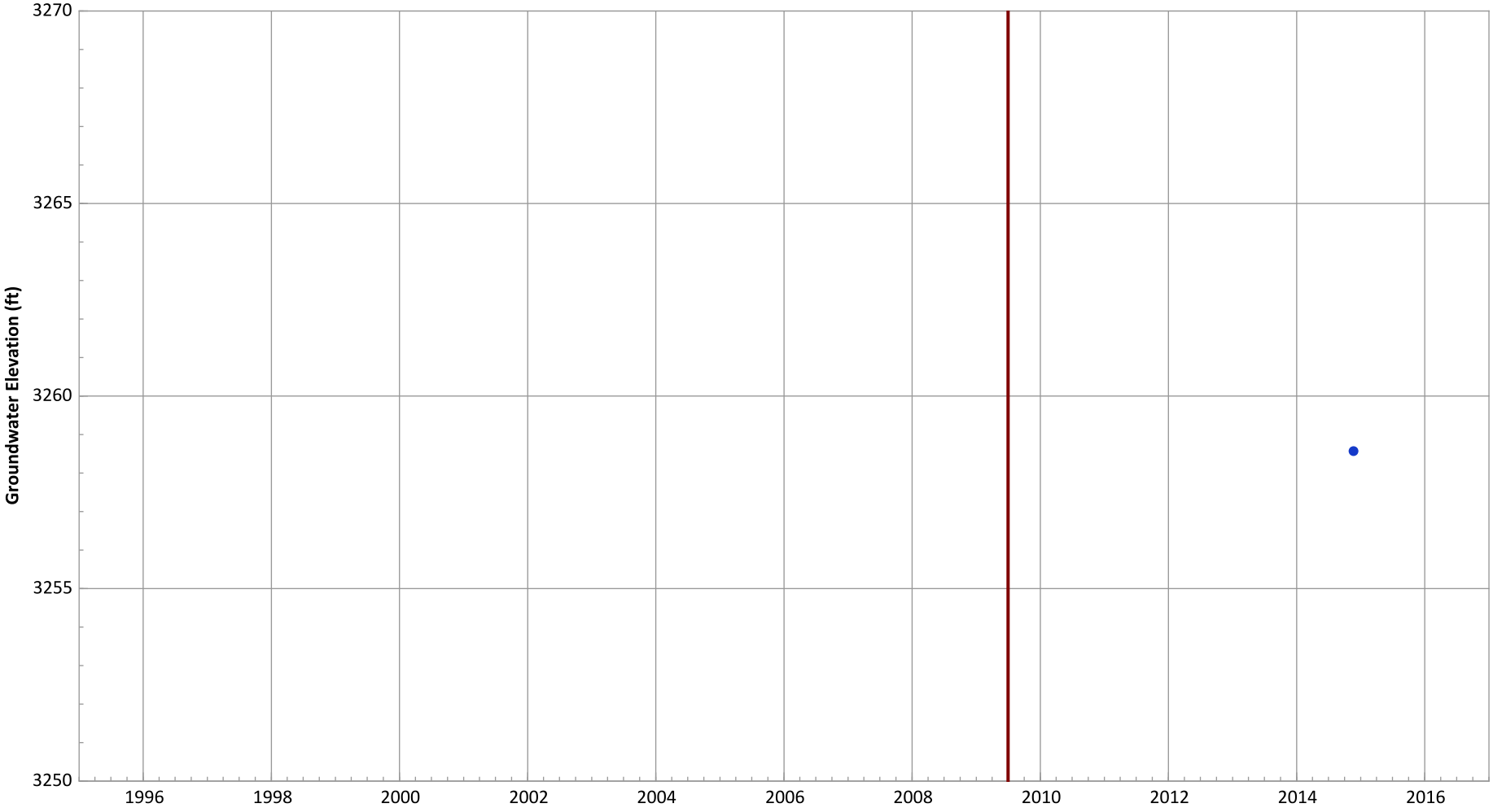
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-EW-36 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

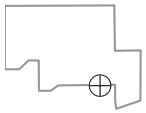


Notes:
1. Top of screen elevation is 3272.62 ft msl.
2. The bottom of screen elevation is 3242.62 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

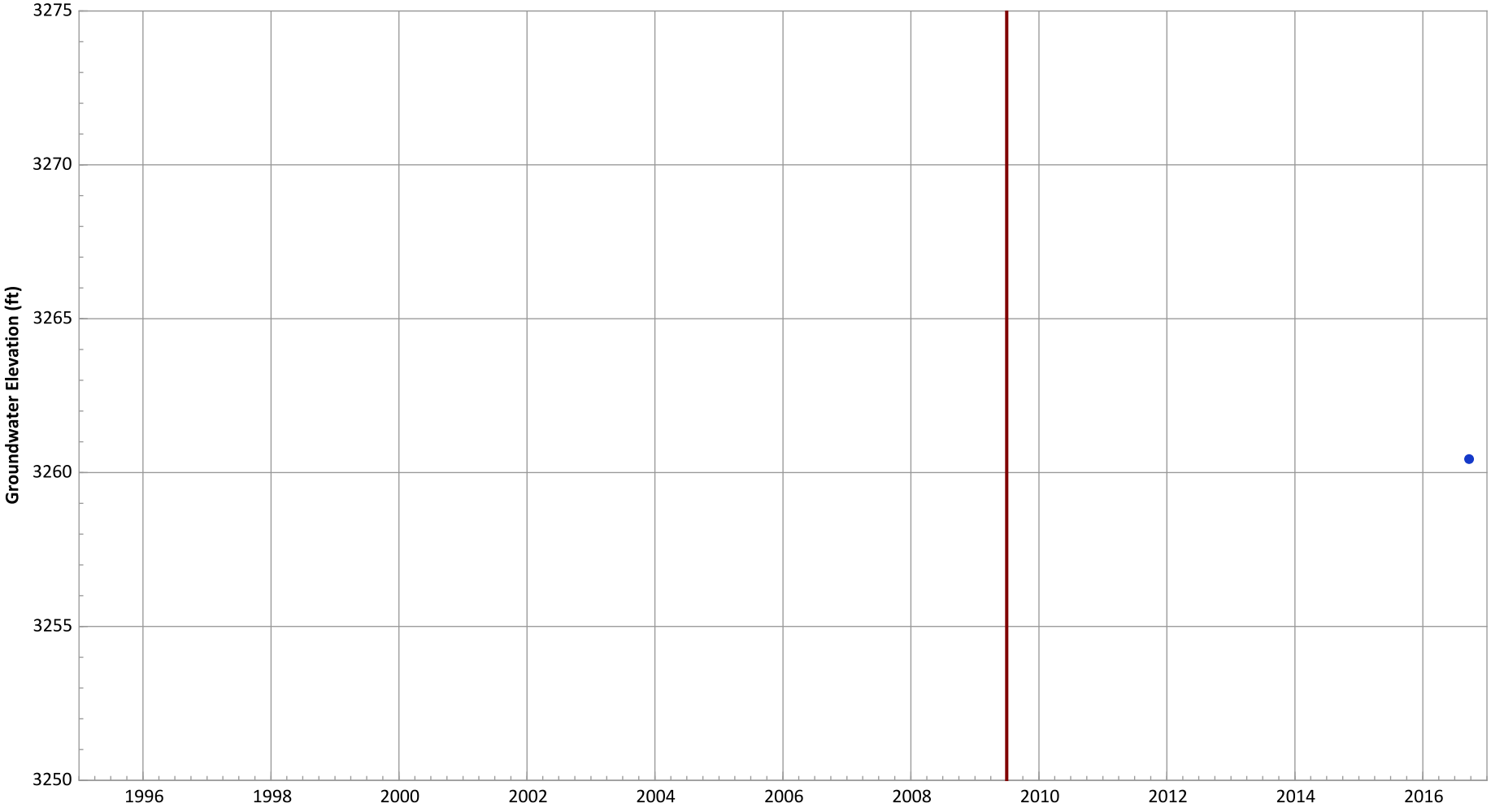
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-EW-39 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

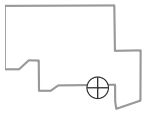


Notes:
1. Top of screen elevation is 3268.45 ft msl.
2. The bottom of screen elevation is 3243.45 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

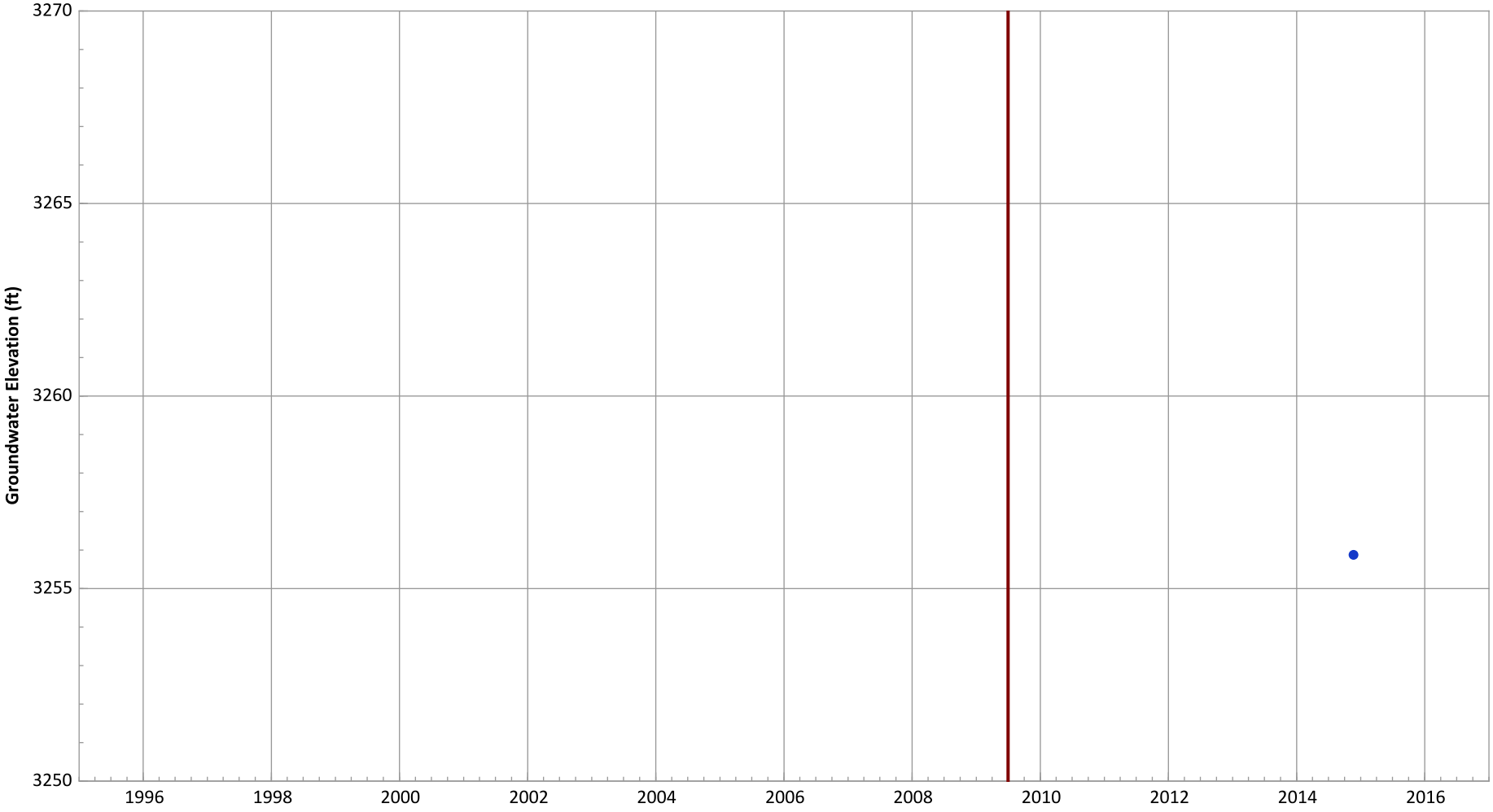
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-EW-49 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

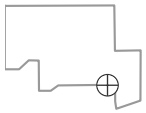


Notes:
1. Top of screen elevation is 3264.76 ft msl.
2. The bottom of screen elevation is 3244.76 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

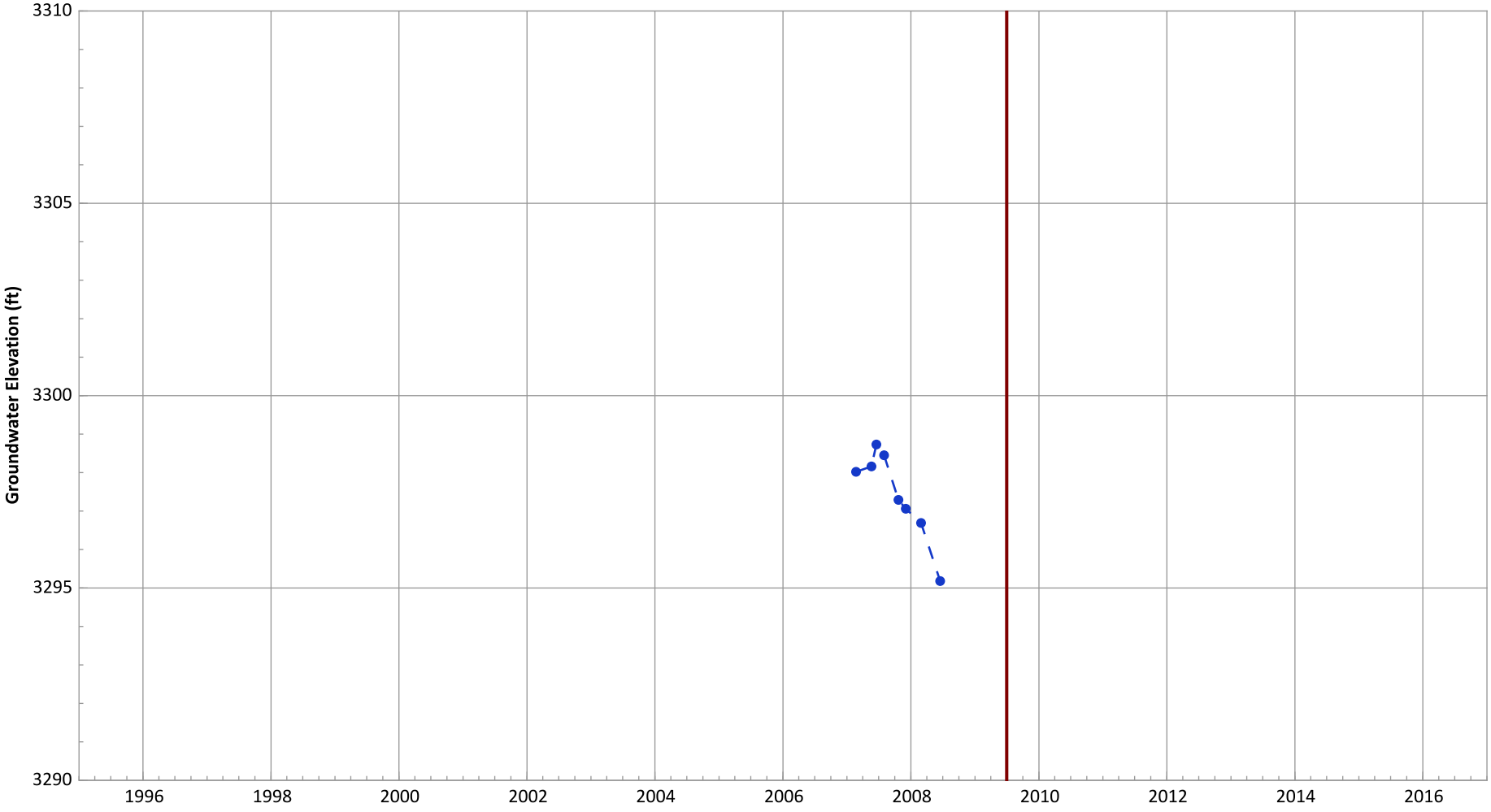
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-EW-70 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

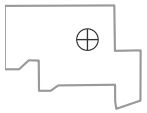


Notes:
1. Top of screen elevation is 3337.59 ft msl.
2. The bottom of screen elevation is 3267.59 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

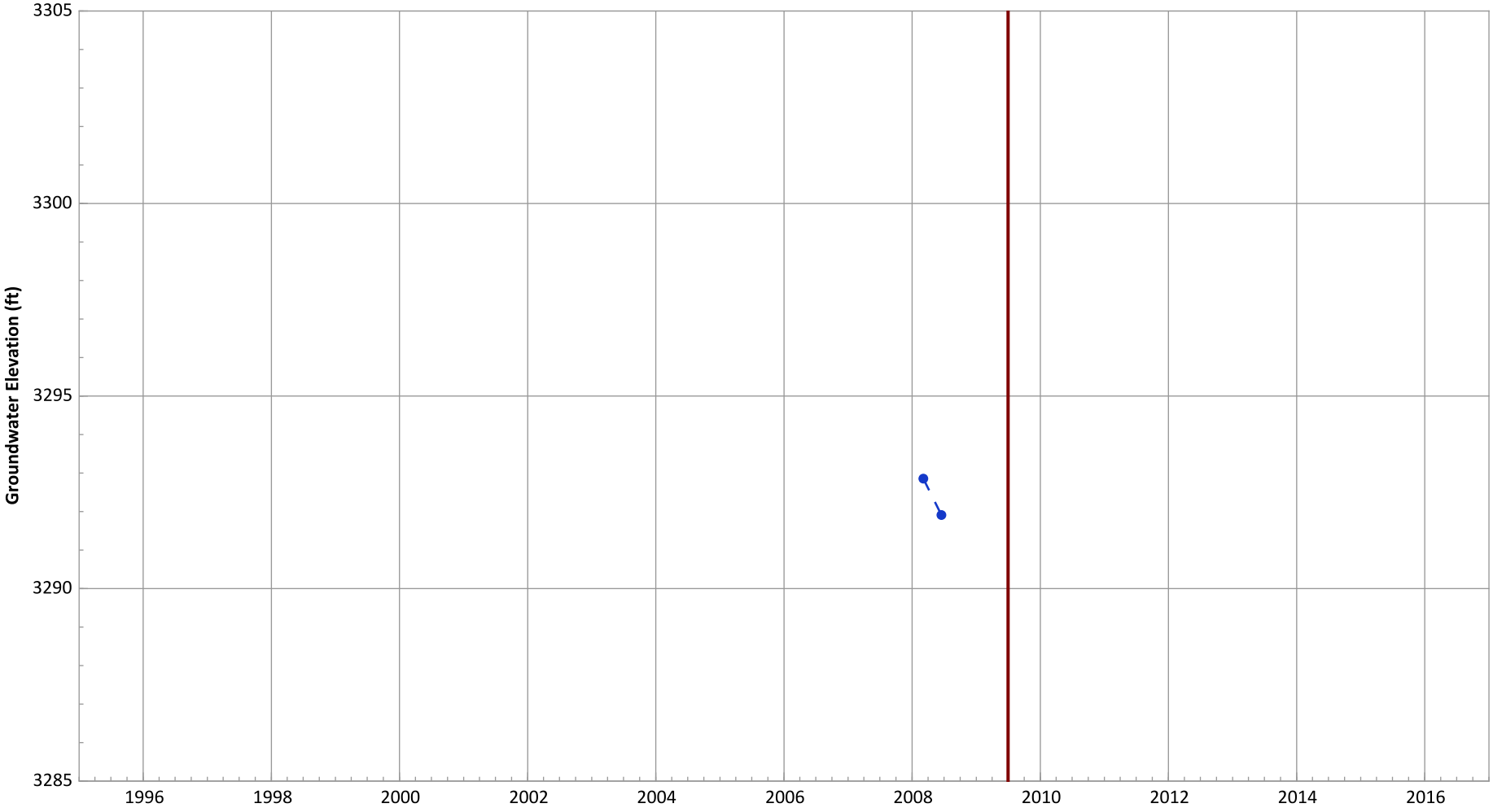
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-EW-75 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

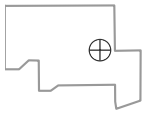


Notes:
1. Top of screen elevation is 3306.57 ft msl.
2. The bottom of screen elevation is 3256.57 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

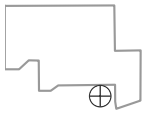
PTX06-ISB010 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3258.15 ft msl.
2. The bottom of screen elevation is 3248.15 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

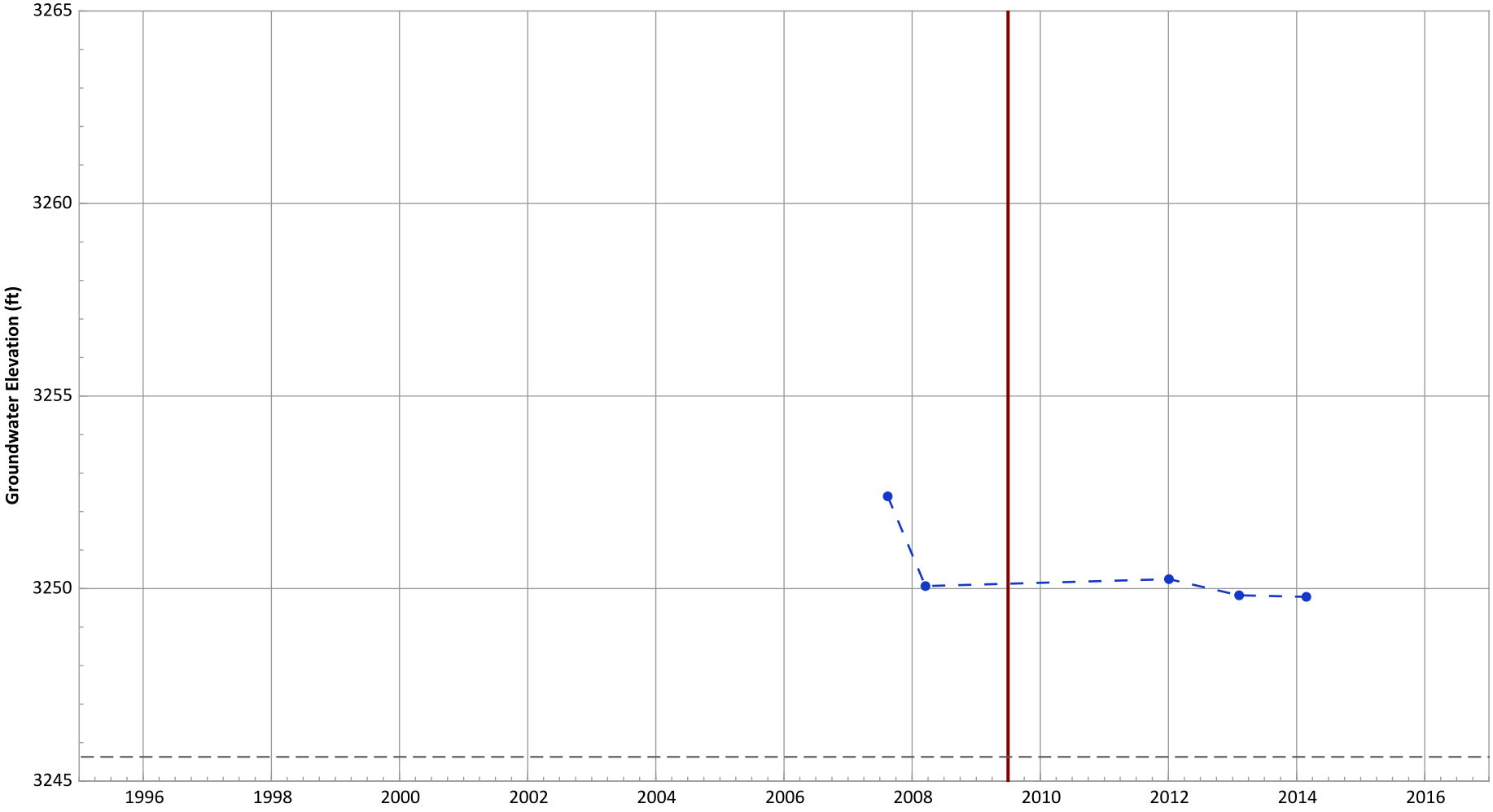
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB011 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

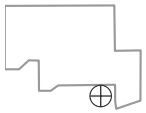


Notes:
1. Top of screen elevation is 3255.63 ft msl.
2. The bottom of screen elevation is 3245.63 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

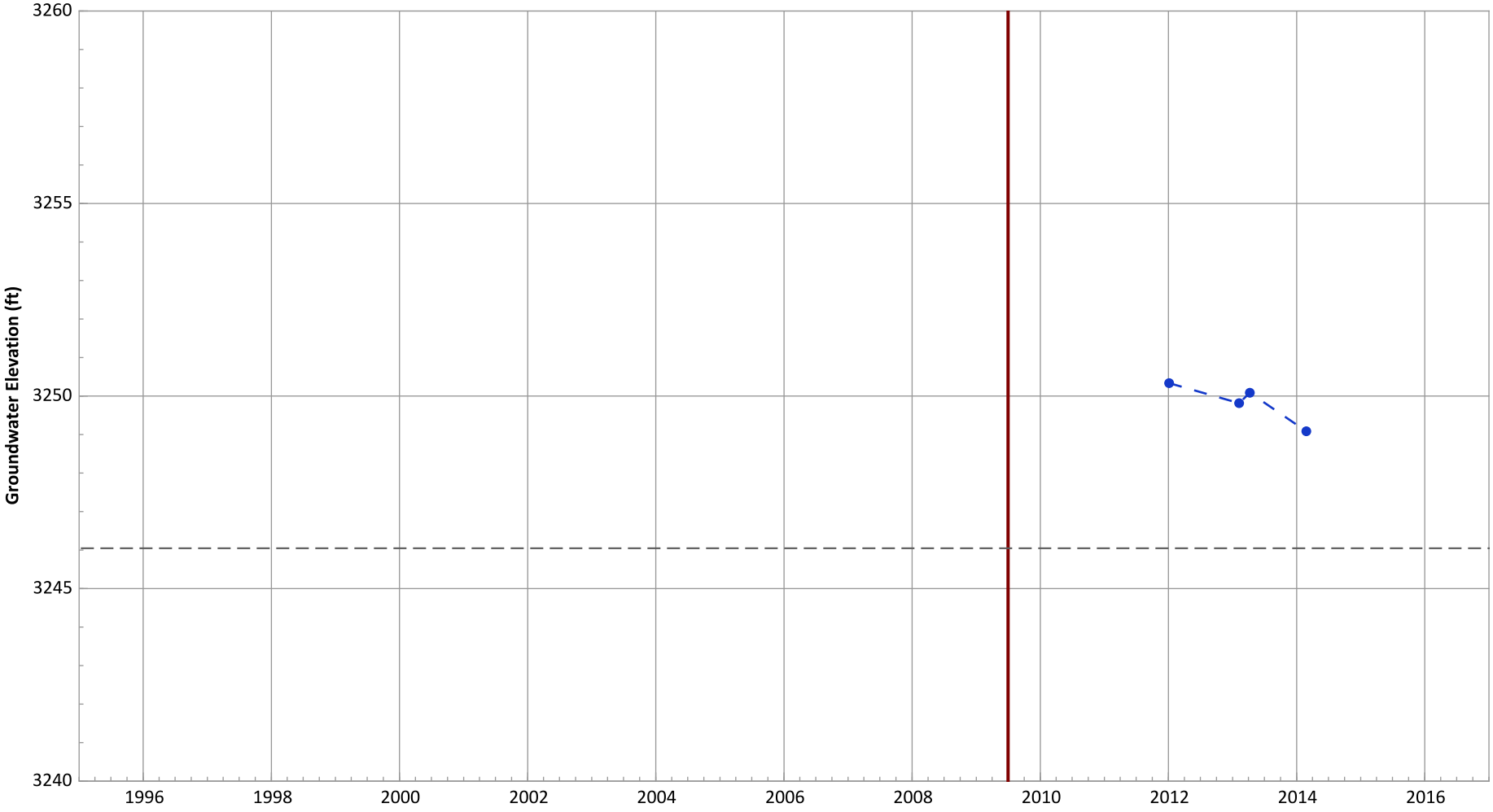
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.22 ft/yr
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB012 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

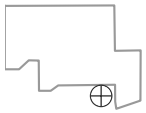


Notes:
1. Top of screen elevation is 3256.05 ft msl.
2. The bottom of screen elevation is 3246.05 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

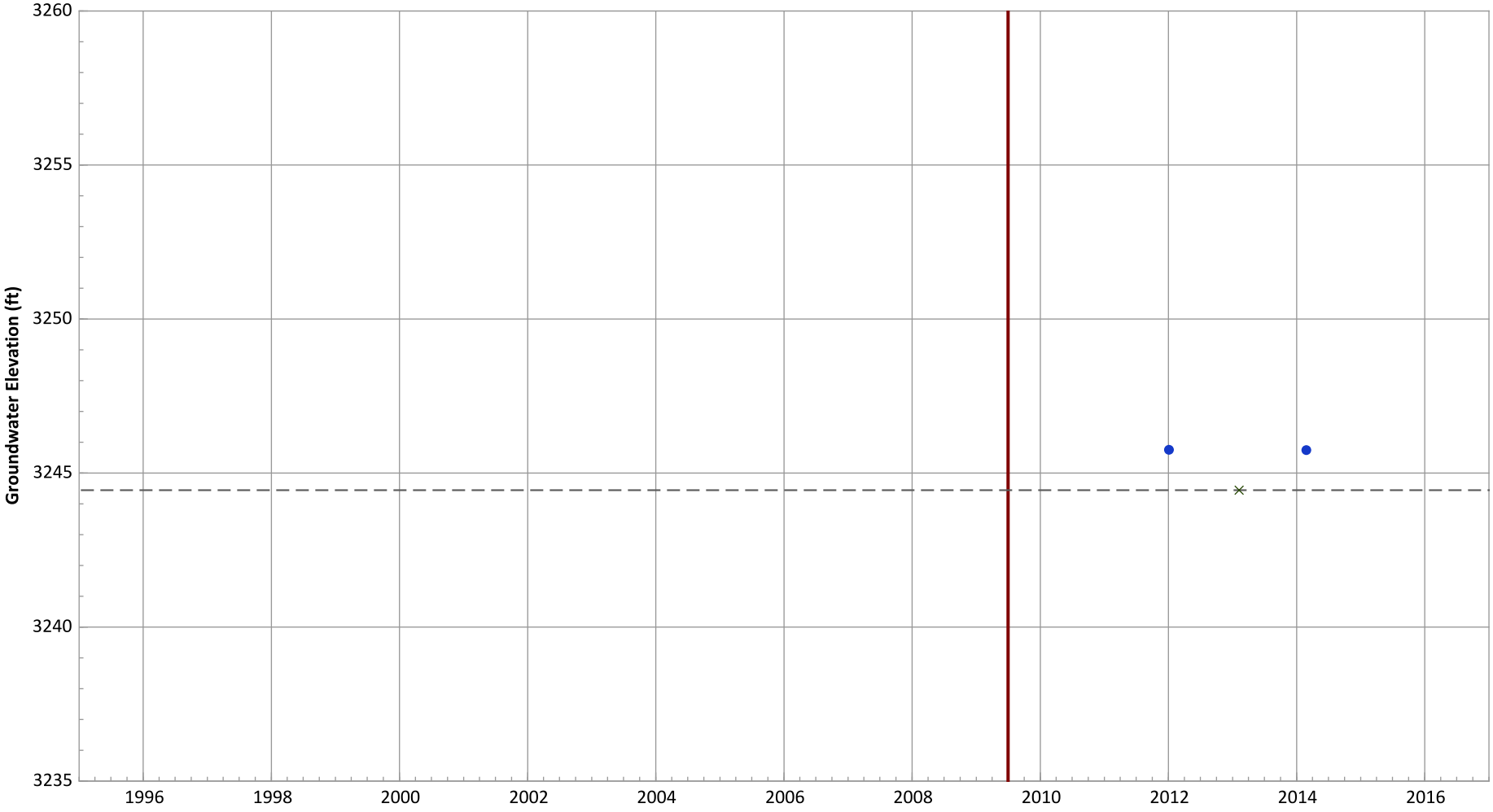
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.56 ft/yr
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB013 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

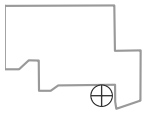


Notes:
1. Top of screen elevation is 3254.44 ft msl.
2. The bottom of screen elevation is 3244.44 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

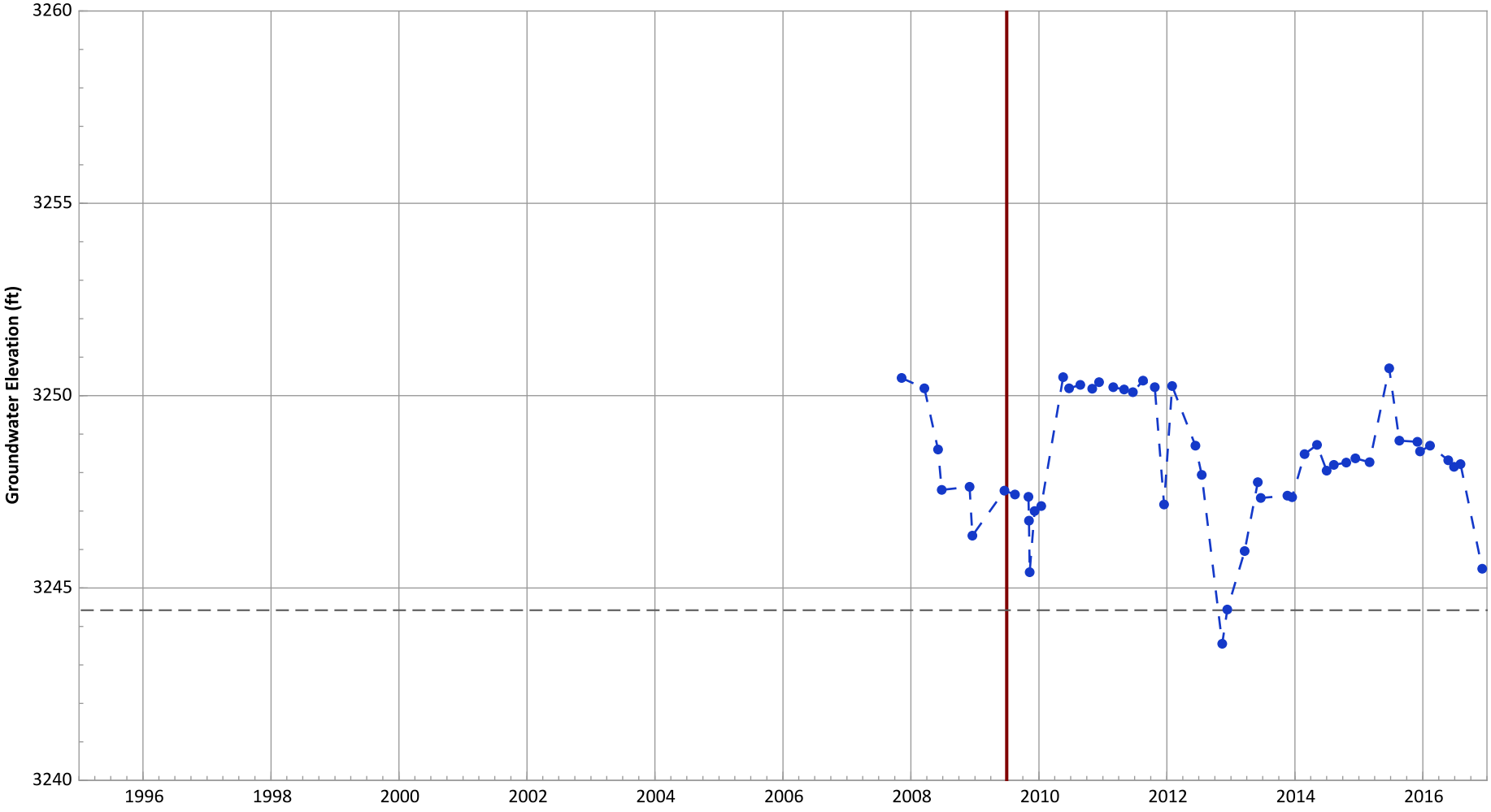
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (<3 Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB014 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

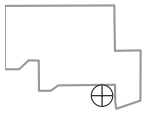


Notes:
1. Top of screen elevation is 3254.42 ft msl.
2. The bottom of screen elevation is 3244.42 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

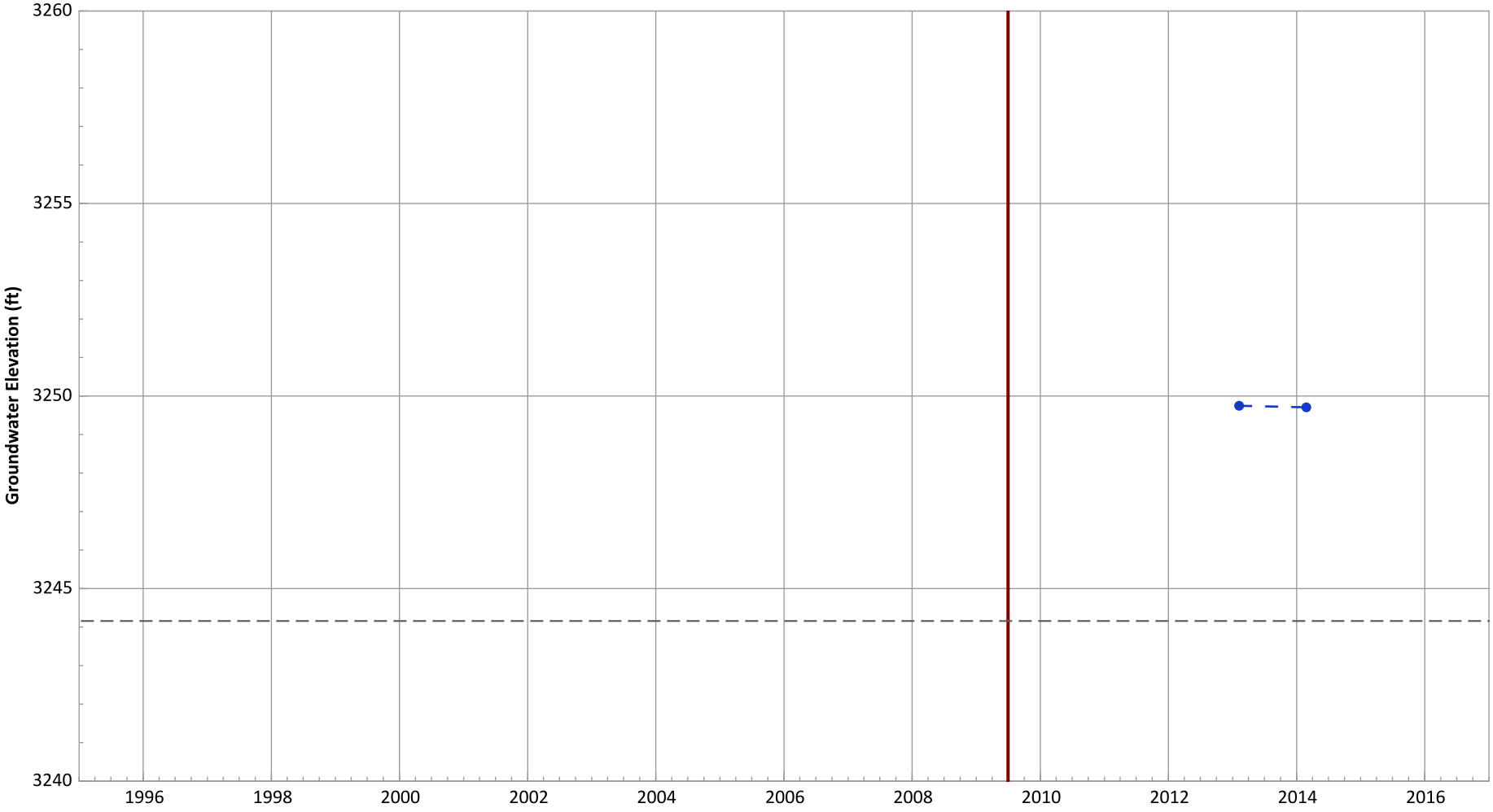
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: Decreasing at 1.57 ft/yr

PTX06-ISB015 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

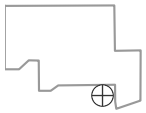


Notes:
1. Top of screen elevation is 3254.16 ft msl.
2. The bottom of screen elevation is 3244.16 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

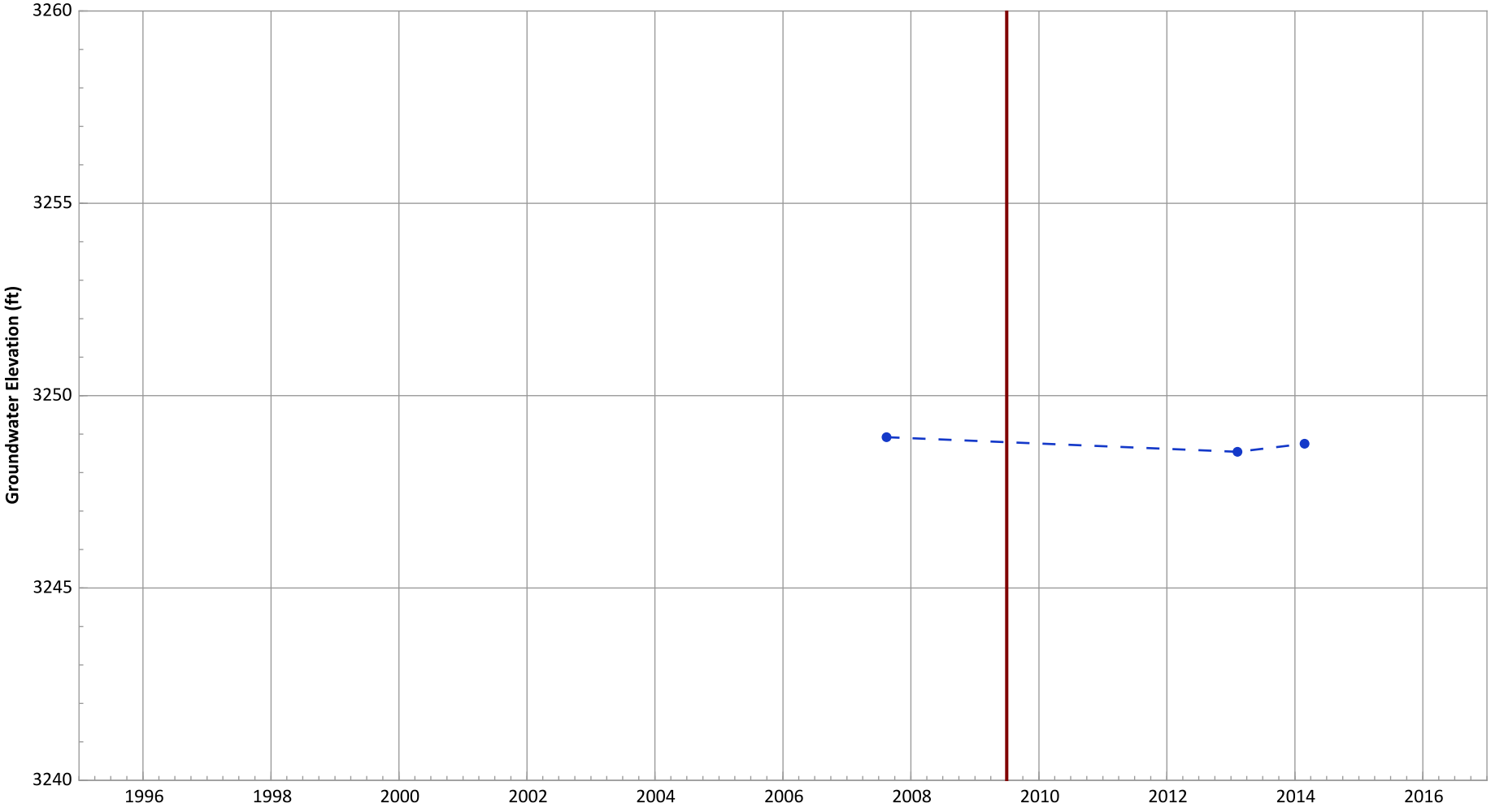
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (<3 Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB016 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

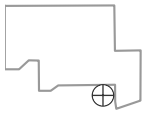


Notes:
1. Top of screen elevation is 3258.8 ft msl.
2. The bottom of screen elevation is 3348.8 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

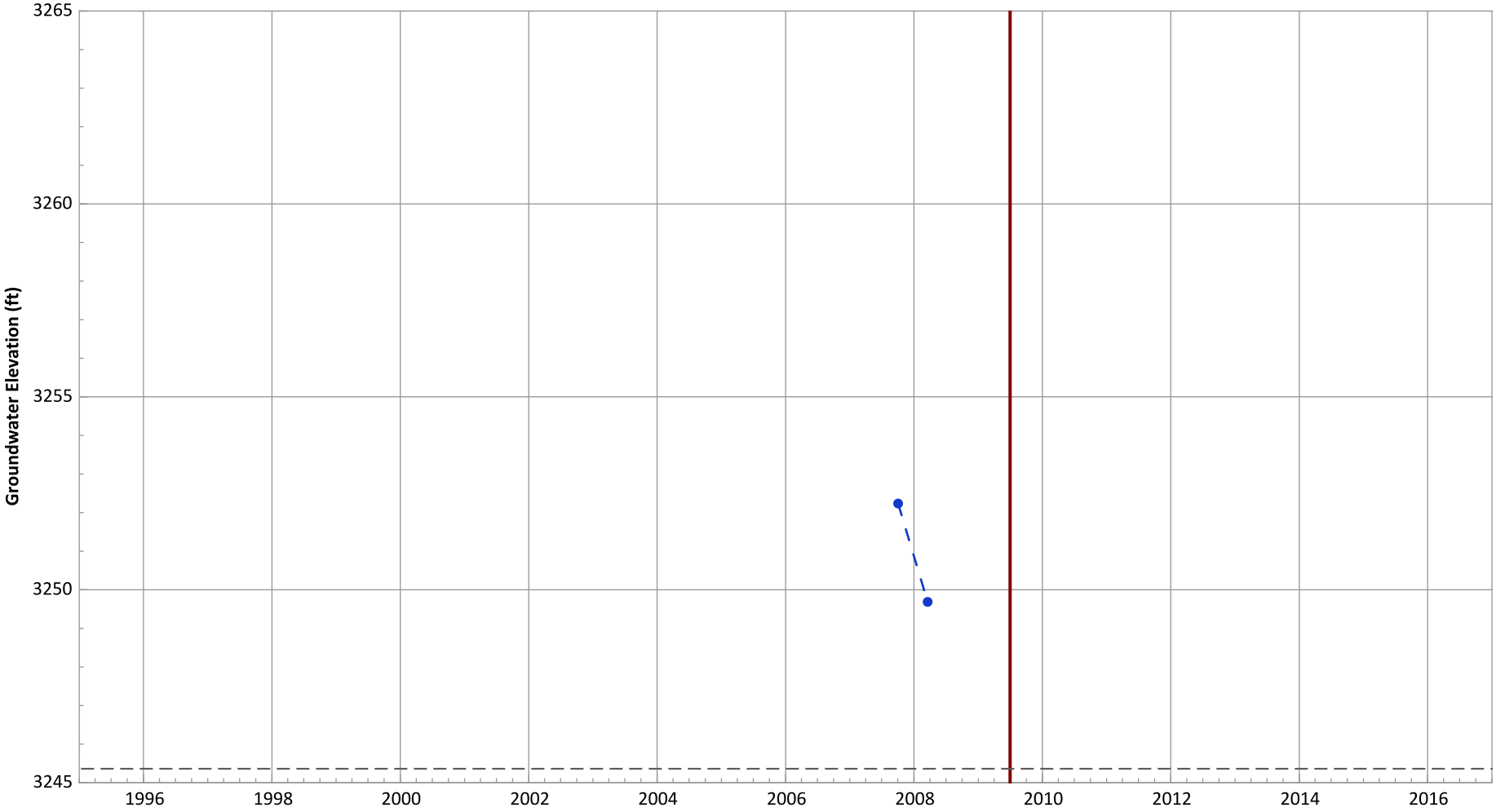
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (<3 Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB018 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

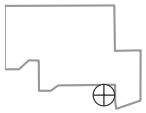


Notes:
1. Top of screen elevation is 3255.36 ft msl.
2. The bottom of screen elevation is 3245.36 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

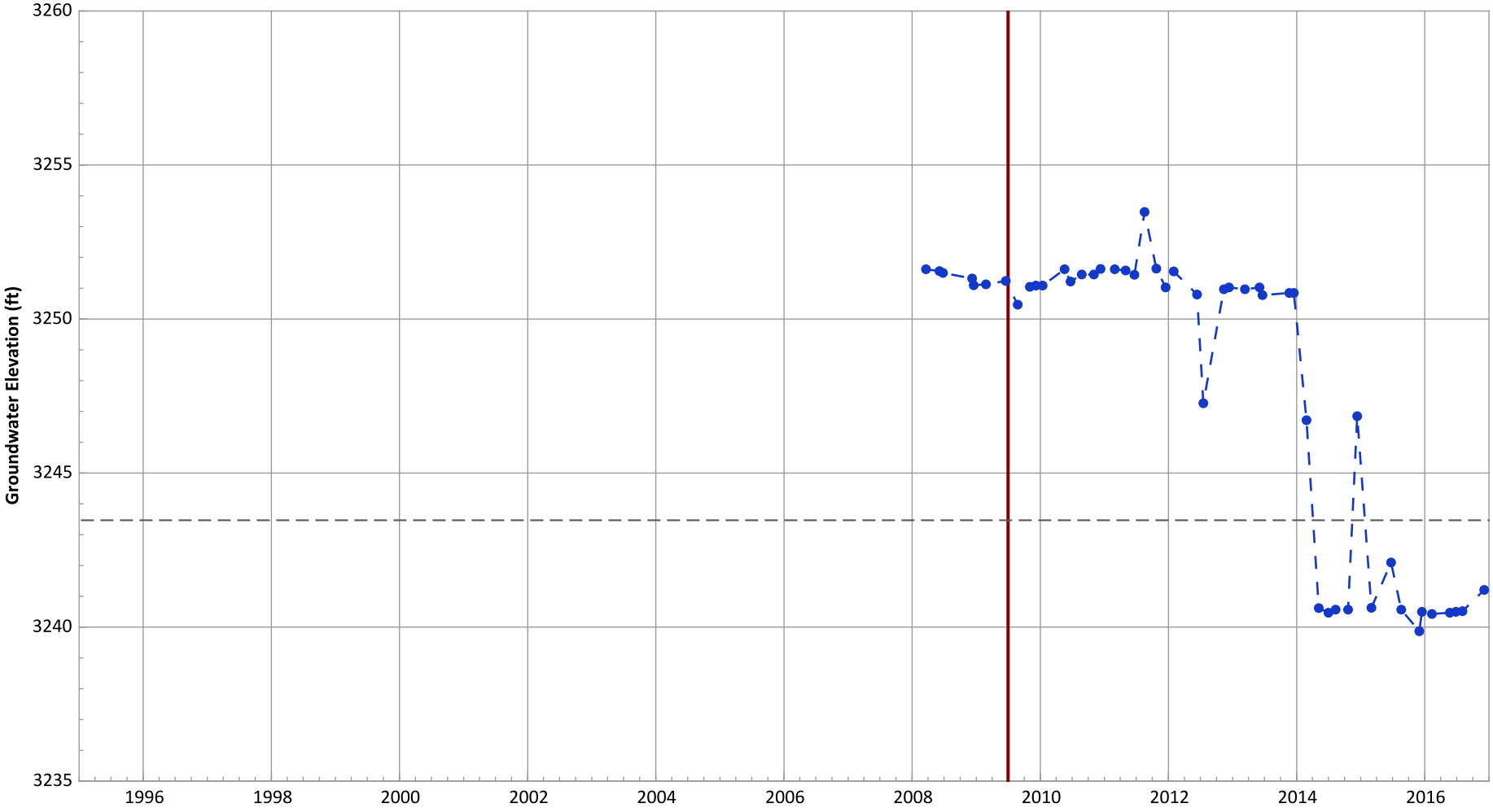
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB019 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

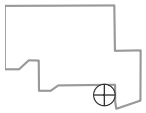


Notes:
1. Top of screen elevation is 3253.47 ft msl.
2. The bottom of screen elevation is 3243.47 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

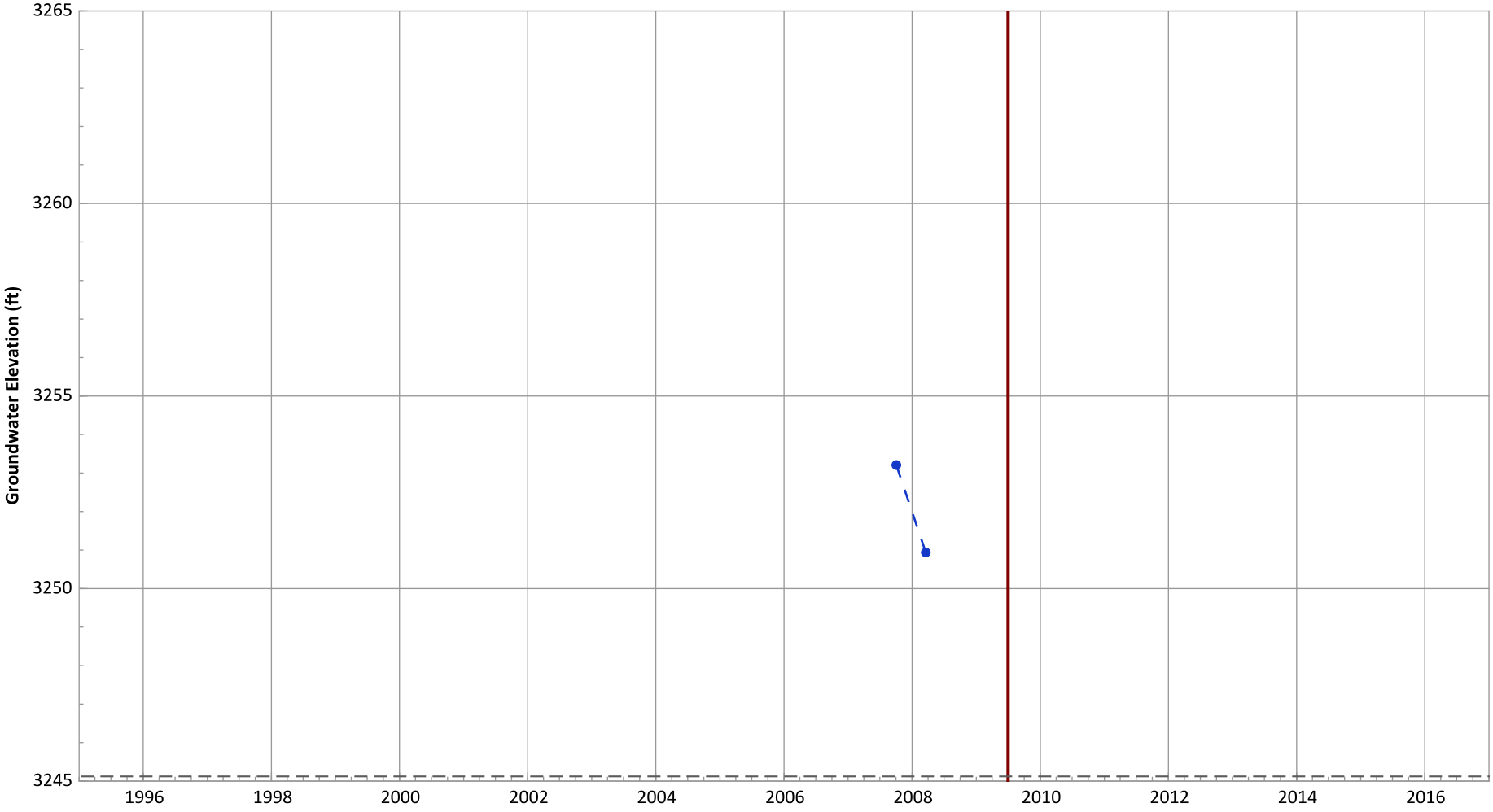
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.94 ft/yr
2014 - 2016 Data: Decreasing at 0.14 ft/yr

PTX06-ISB021 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

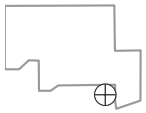


Notes:
1. Top of screen elevation is 3255.12 ft msl.
2. The bottom of screen elevation is 3245.12 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

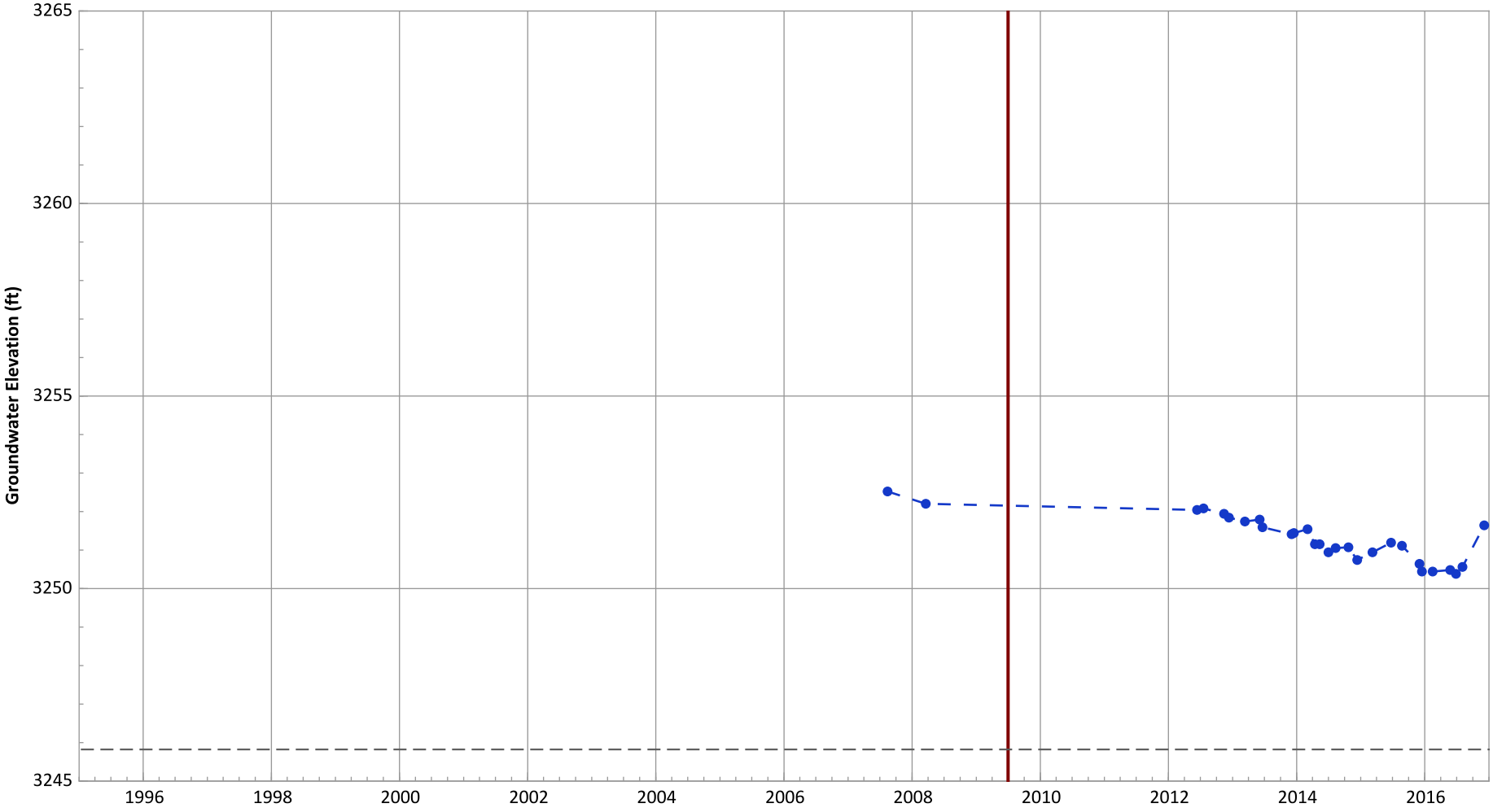
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB024 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

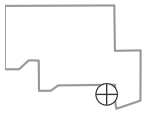


Notes:
1. Top of screen elevation is 3255.82 ft msl.
2. The bottom of screen elevation is 3245.82 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

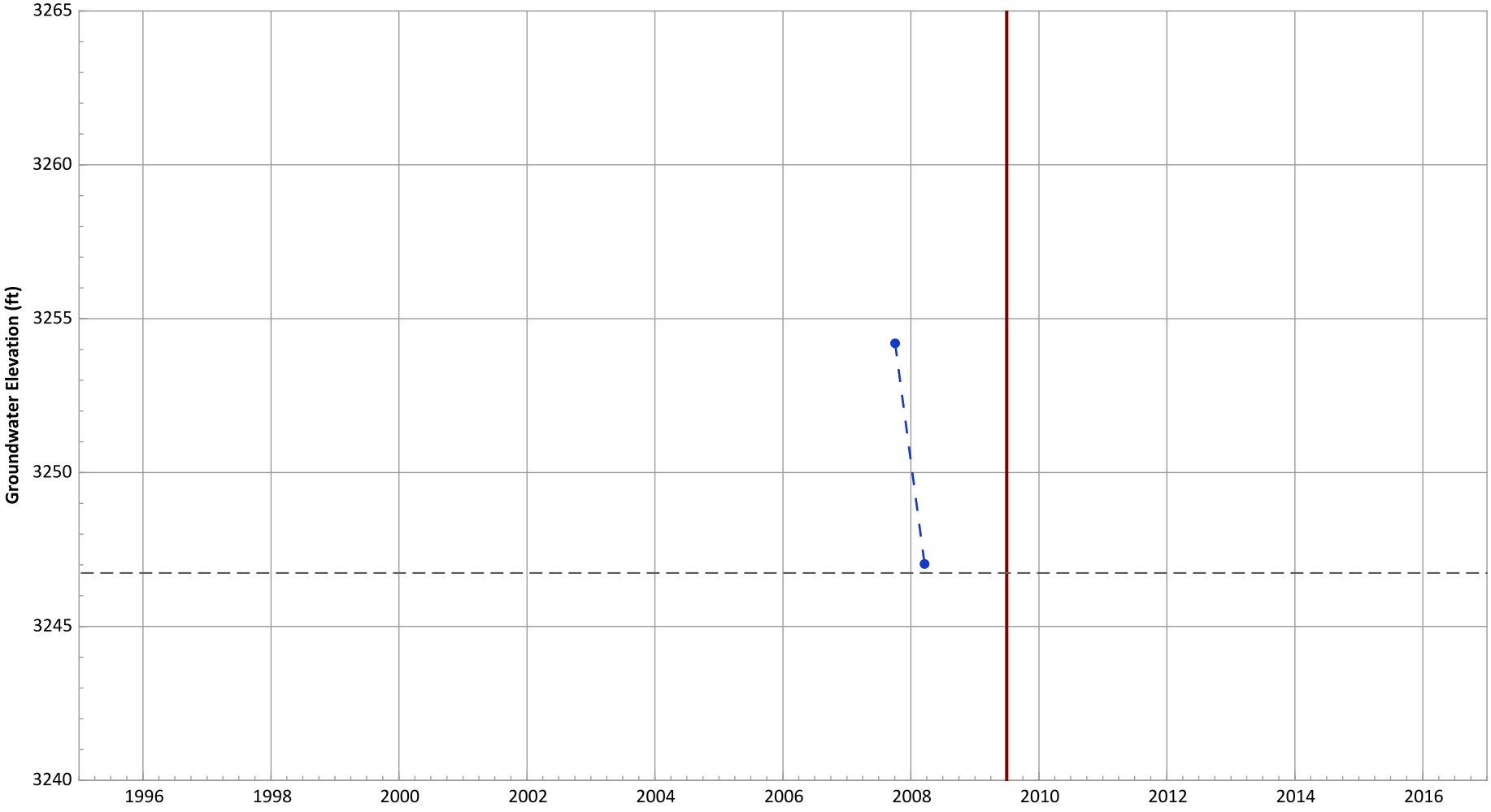
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.33 ft/yr
2014 - 2016 Data: No Trend

PTX06-ISB026 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

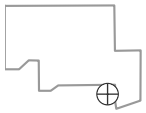


Notes:
1. Top of screen elevation is 3256.74 ft msl.
2. The bottom of screen elevation is 3246.74 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

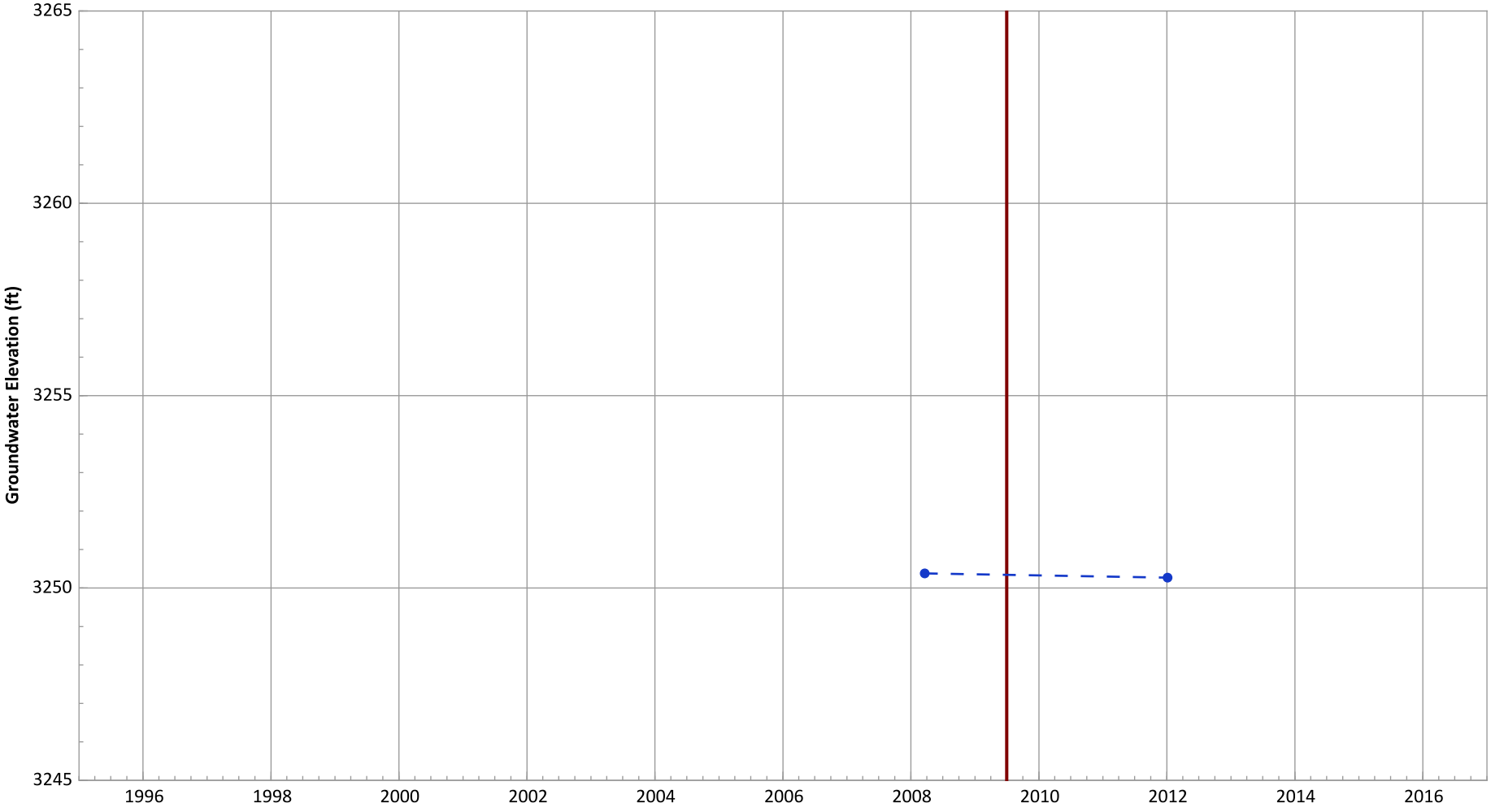
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB029A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

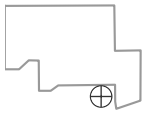


Notes:
1. Top of screen elevation is 3254.66 ft msl.
2. The bottom of screen elevation is 3244.66 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

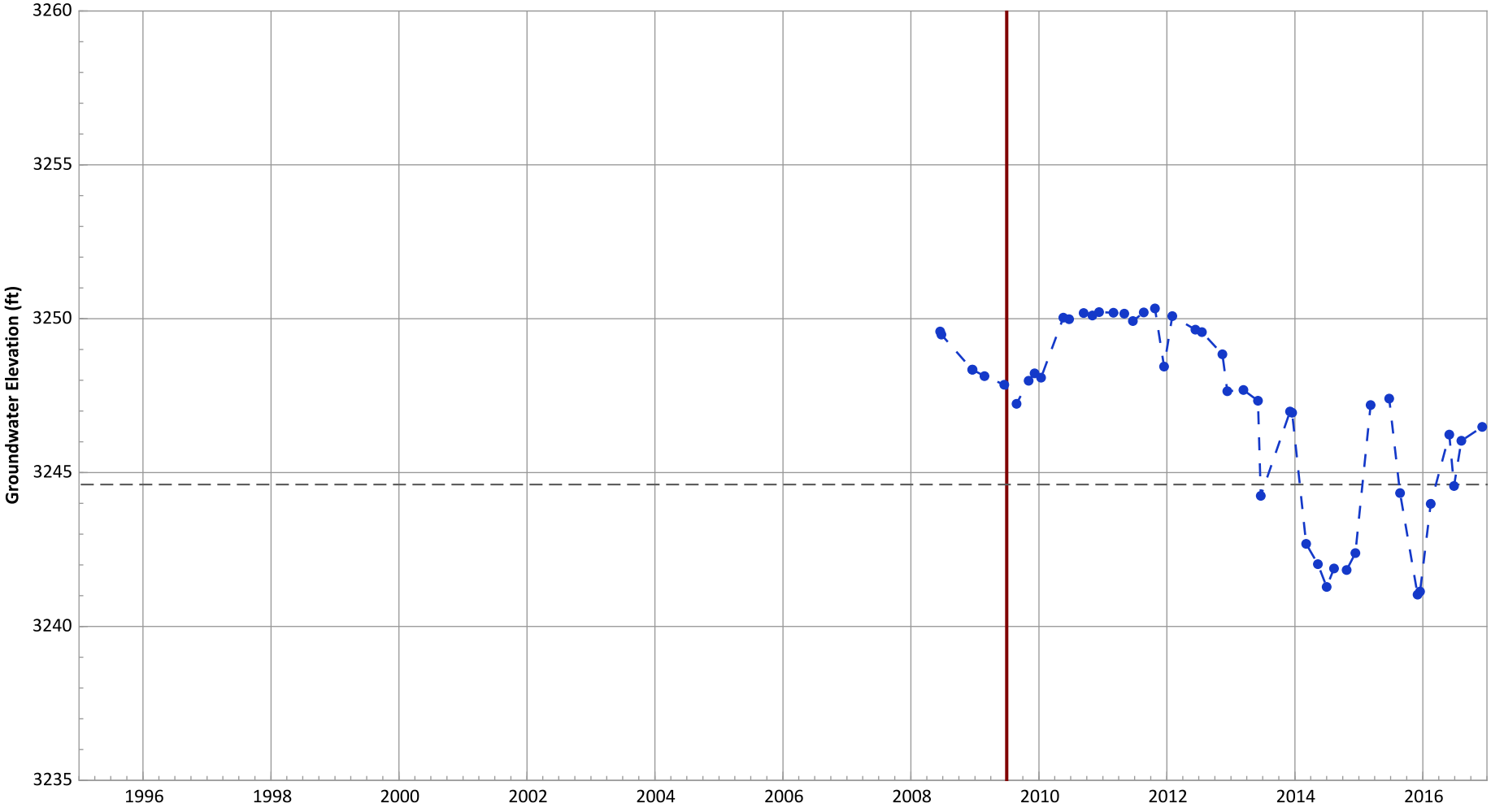
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (<3 Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB030B Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

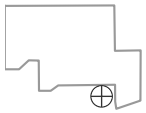


Notes:
1. Top of screen elevation is 3254.61 ft msl.
2. The bottom of screen elevation is 3244.61 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

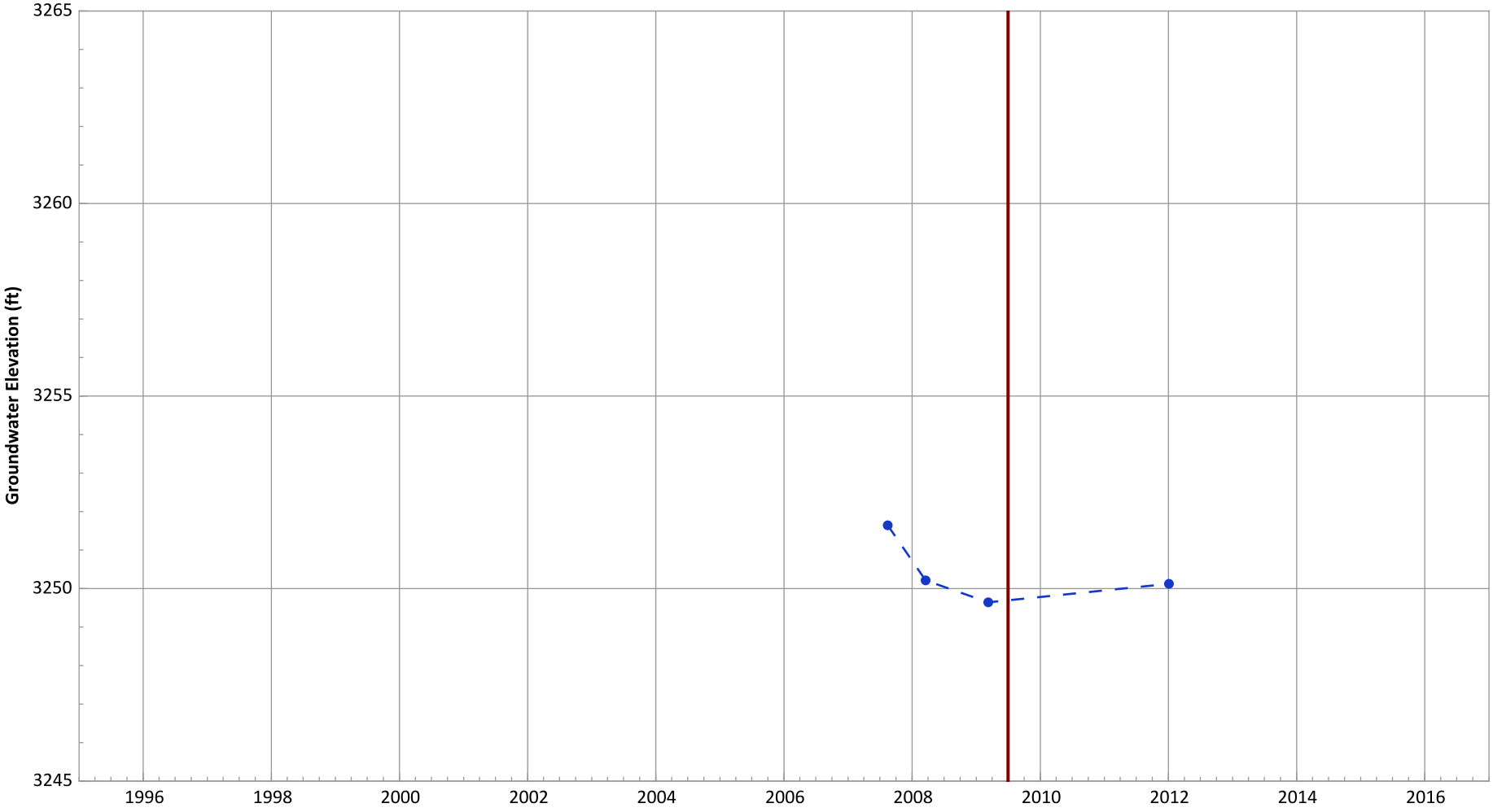
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.99 ft/yr
2014 - 2016 Data: No Trend

PTX06-ISB031 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

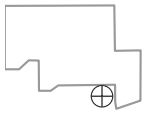


Notes:
1. Top of screen elevation is 3257.66 ft msl.
2. The bottom of screen elevation is 3242.66 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

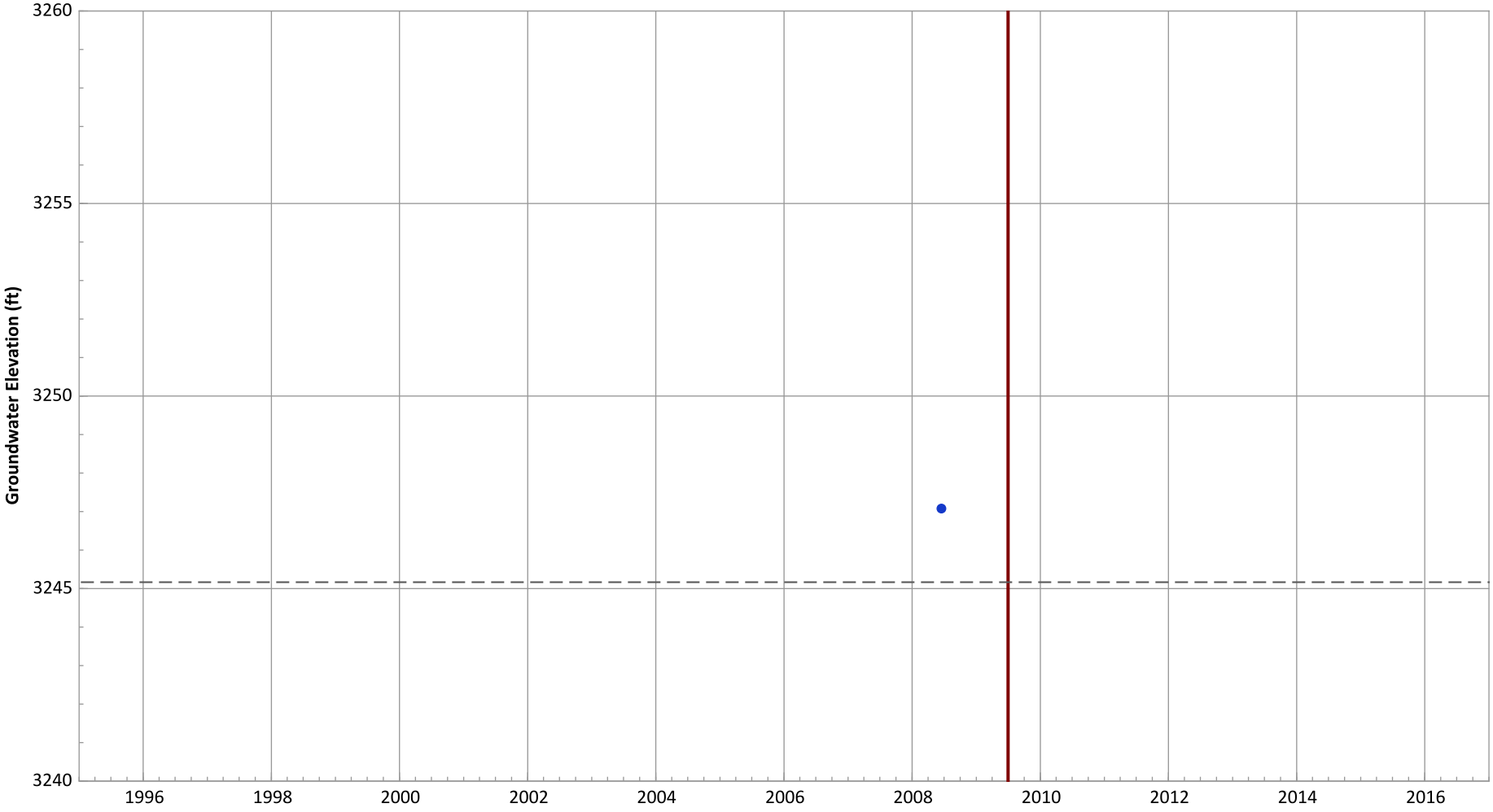
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (<3 Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB032 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

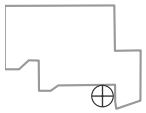


Notes:
1. Top of screen elevation is 3255.17 ft msl.
2. The bottom of screen elevation is 3245.17 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

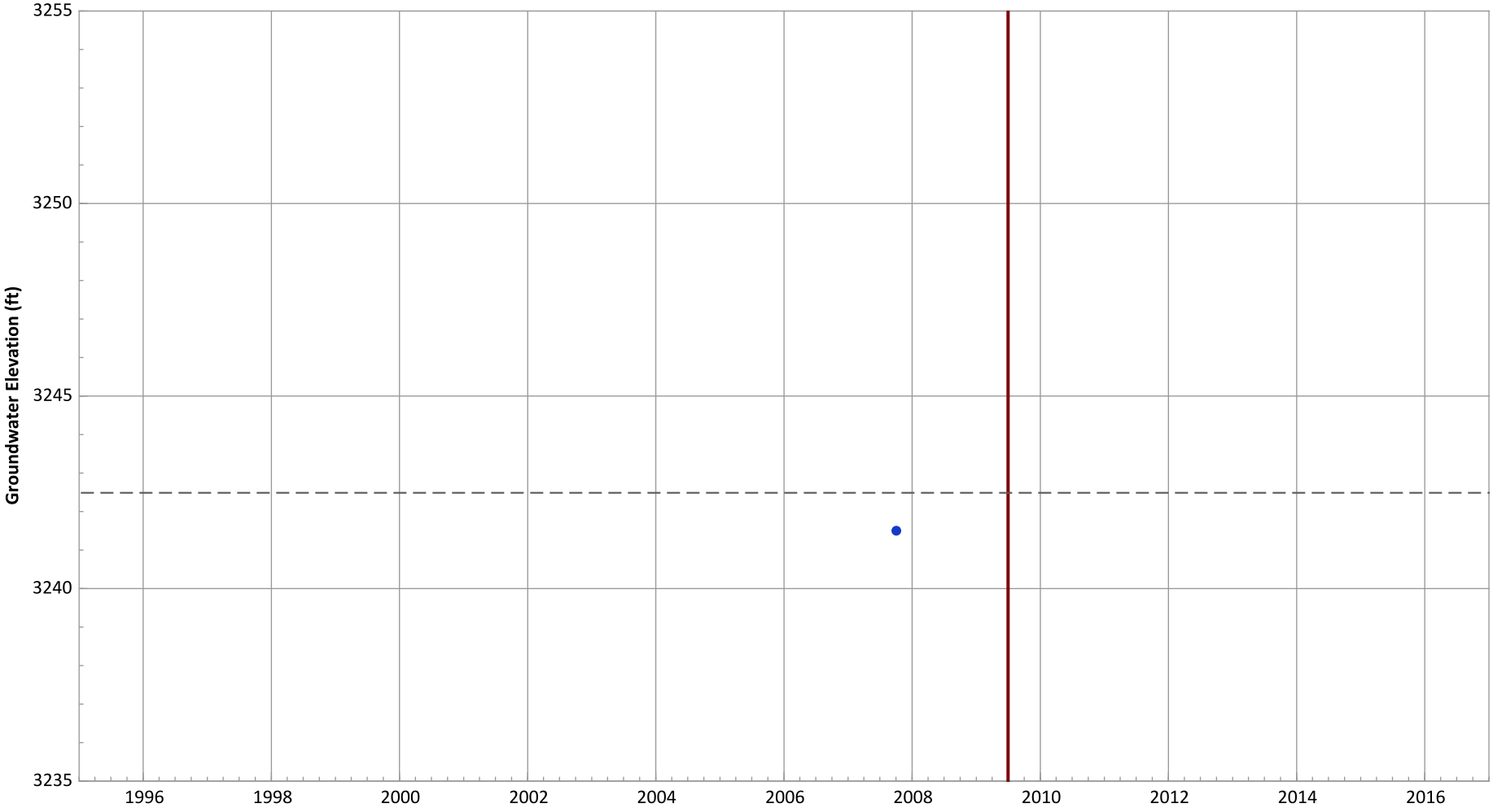
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB034 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

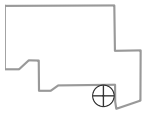


Notes:
1. Top of screen elevation is 3252.49 ft msl.
2. The bottom of screen elevation is 3242.49 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

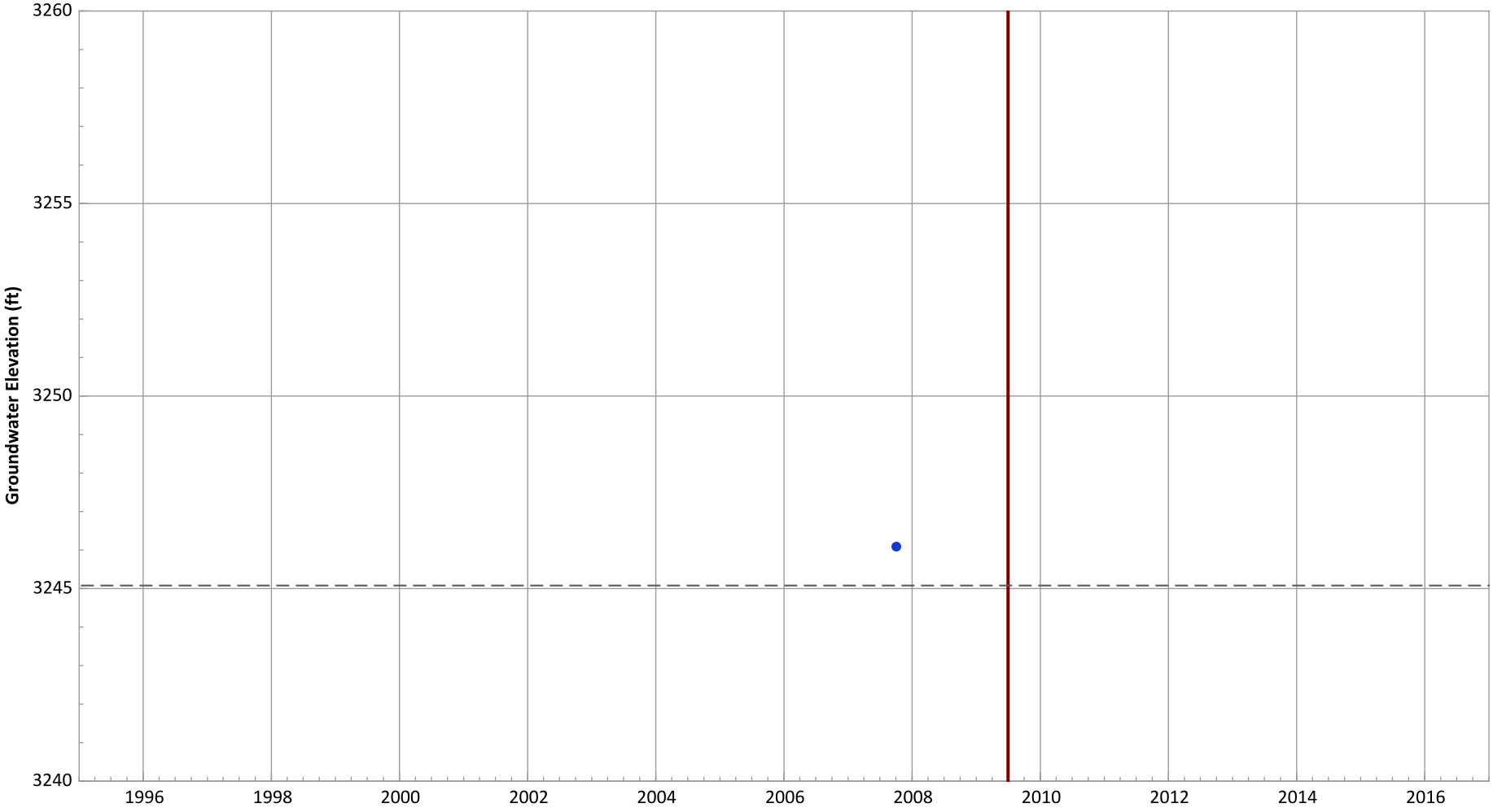
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB035 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

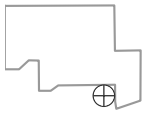


Notes:
1. Top of screen elevation is 3255.08 ft msl.
2. The bottom of screen elevation is 3245.08 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

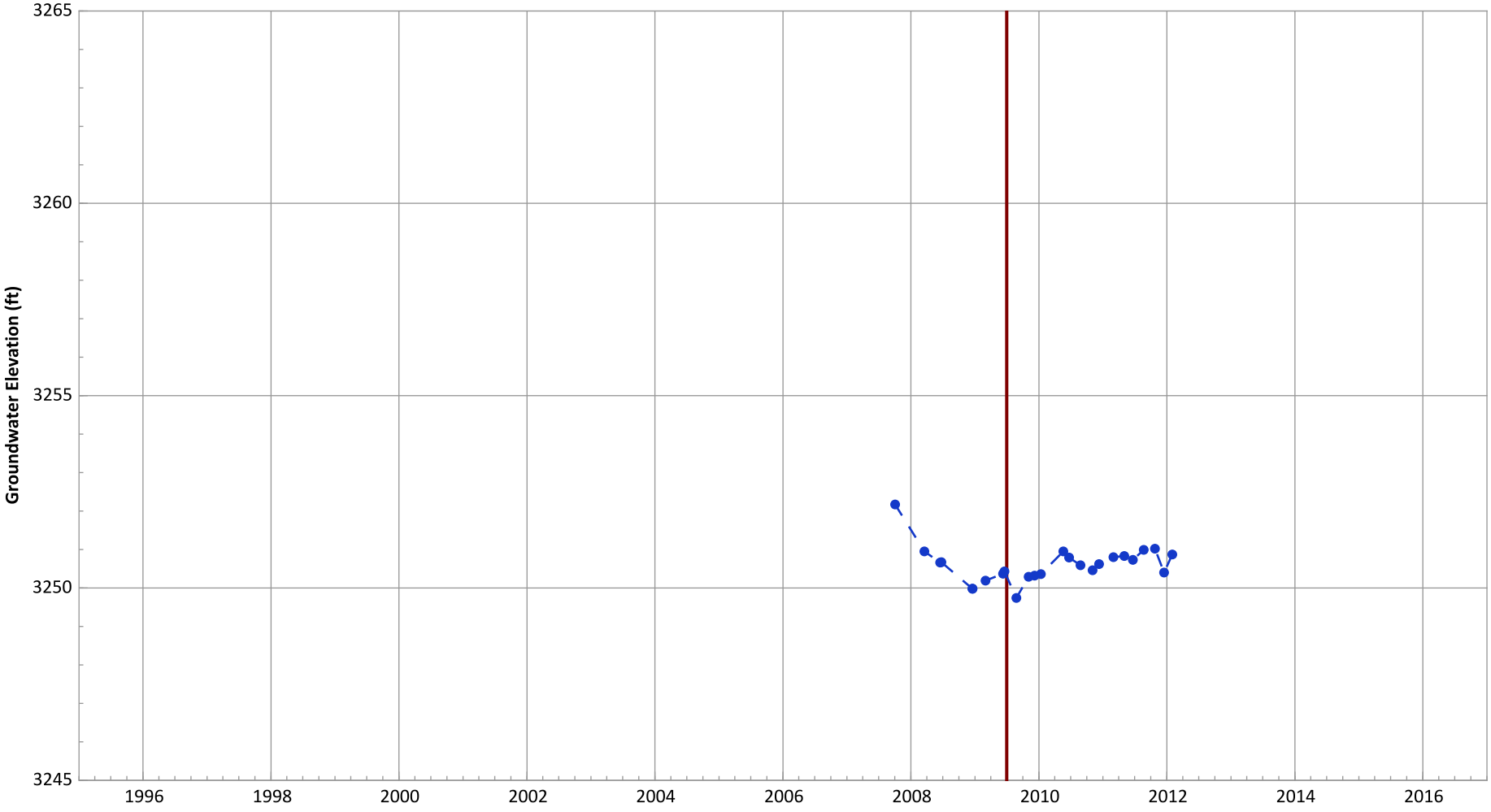
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB036 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

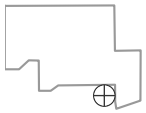


Notes:
1. Top of screen elevation is 3254.78 ft msl.
2. The bottom of screen elevation is 3244.78 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

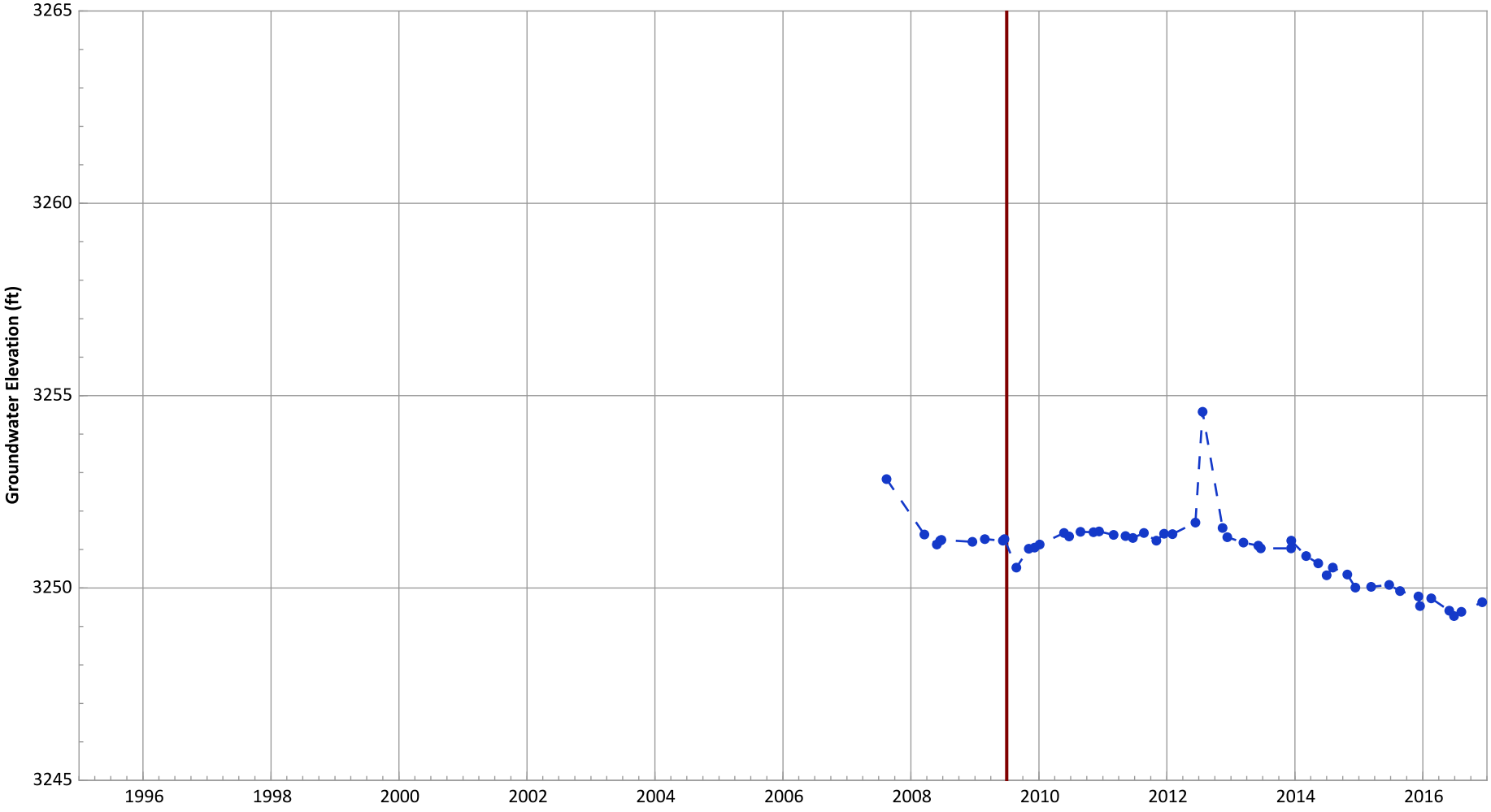
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.28 ft/yr
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB038 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

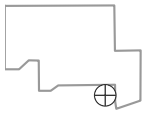


Notes:
1. Top of screen elevation is 3251.76 ft msl.
2. The bottom of screen elevation is 3241.76 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

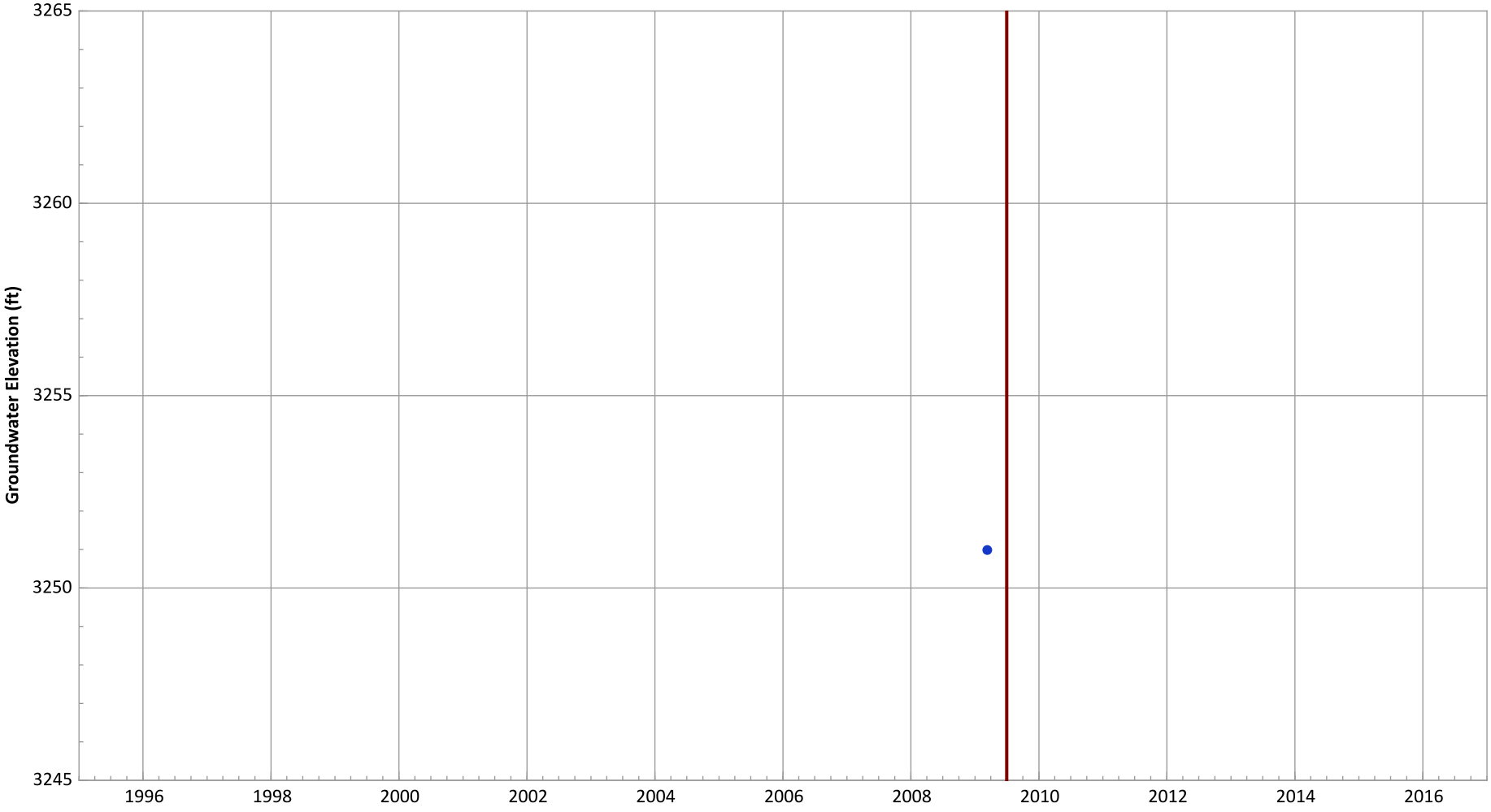
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.28 ft/yr
2014 - 2016 Data: Decreasing at 0.42 ft/yr

PTX06-ISB040 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

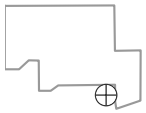


Notes:
1. Top of screen elevation is 3252.48 ft msl.
2. The bottom of screen elevation is 3242.48 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

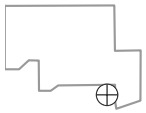
PTX06-ISB042 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3254.7 ft msl.
2. The bottom of screen elevation is 3244.7 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

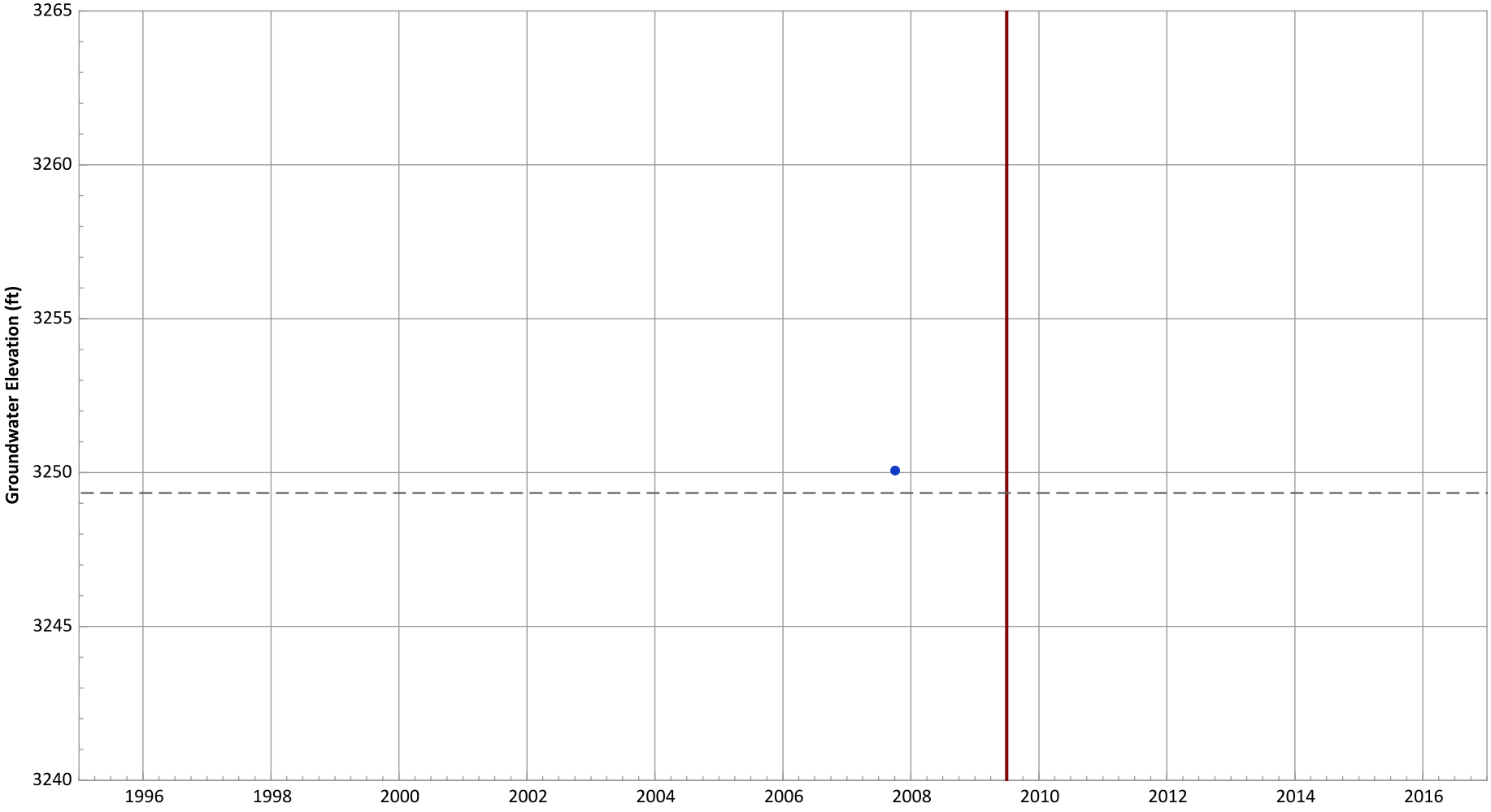
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.04 ft/yr
2014 - 2016 Data: Increasing at 0.59 ft/yr

PTX06-ISB045 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

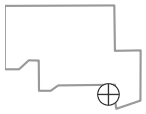


Notes:
1. Top of screen elevation is 3259.34 ft msl.
2. The bottom of screen elevation is 3249.34 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

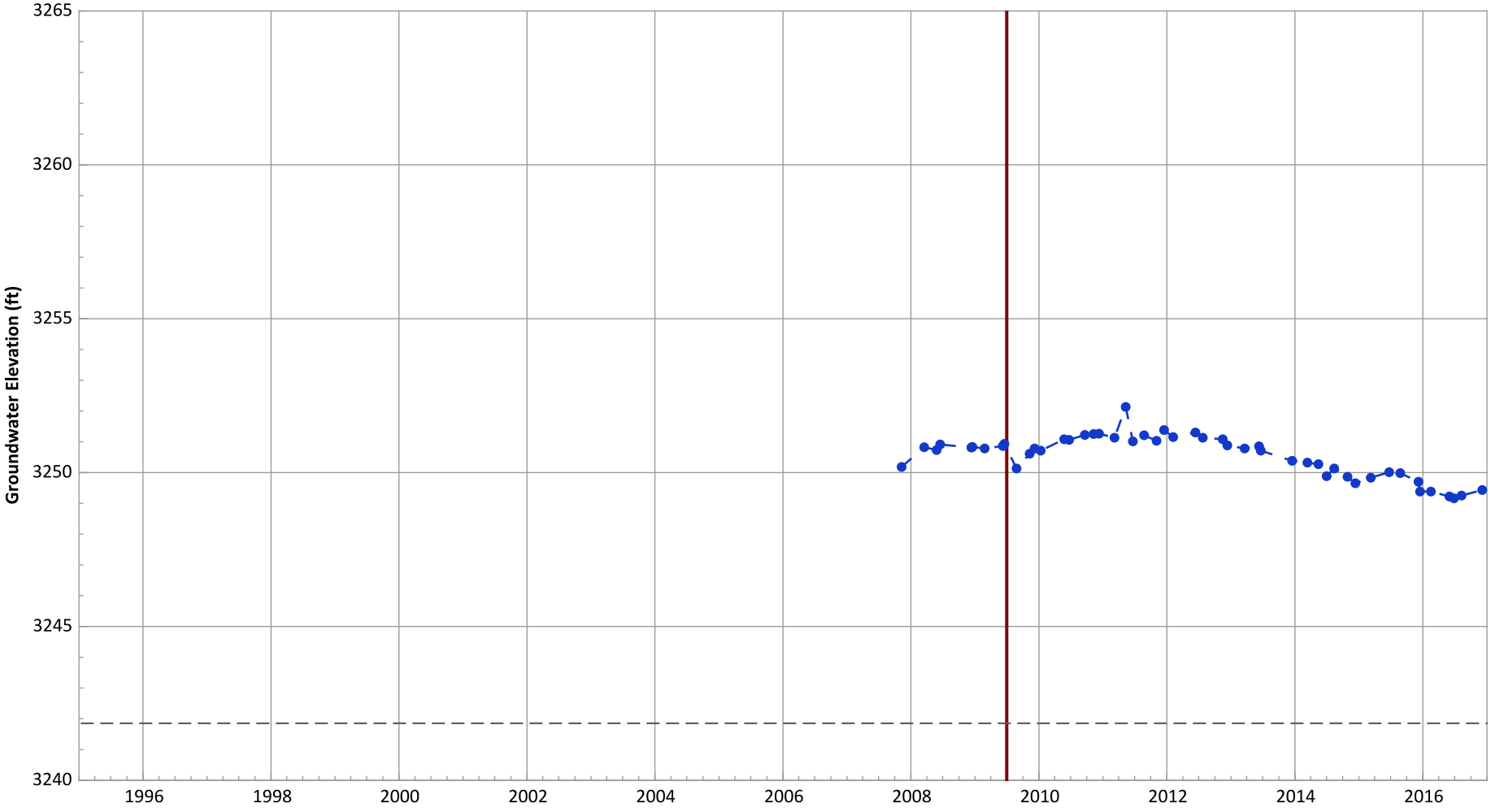
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB046 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

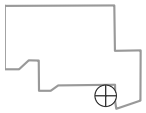


Notes:
1. Top of screen elevation is 3251.85 ft msl.
2. The bottom of screen elevation is 3241.85 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

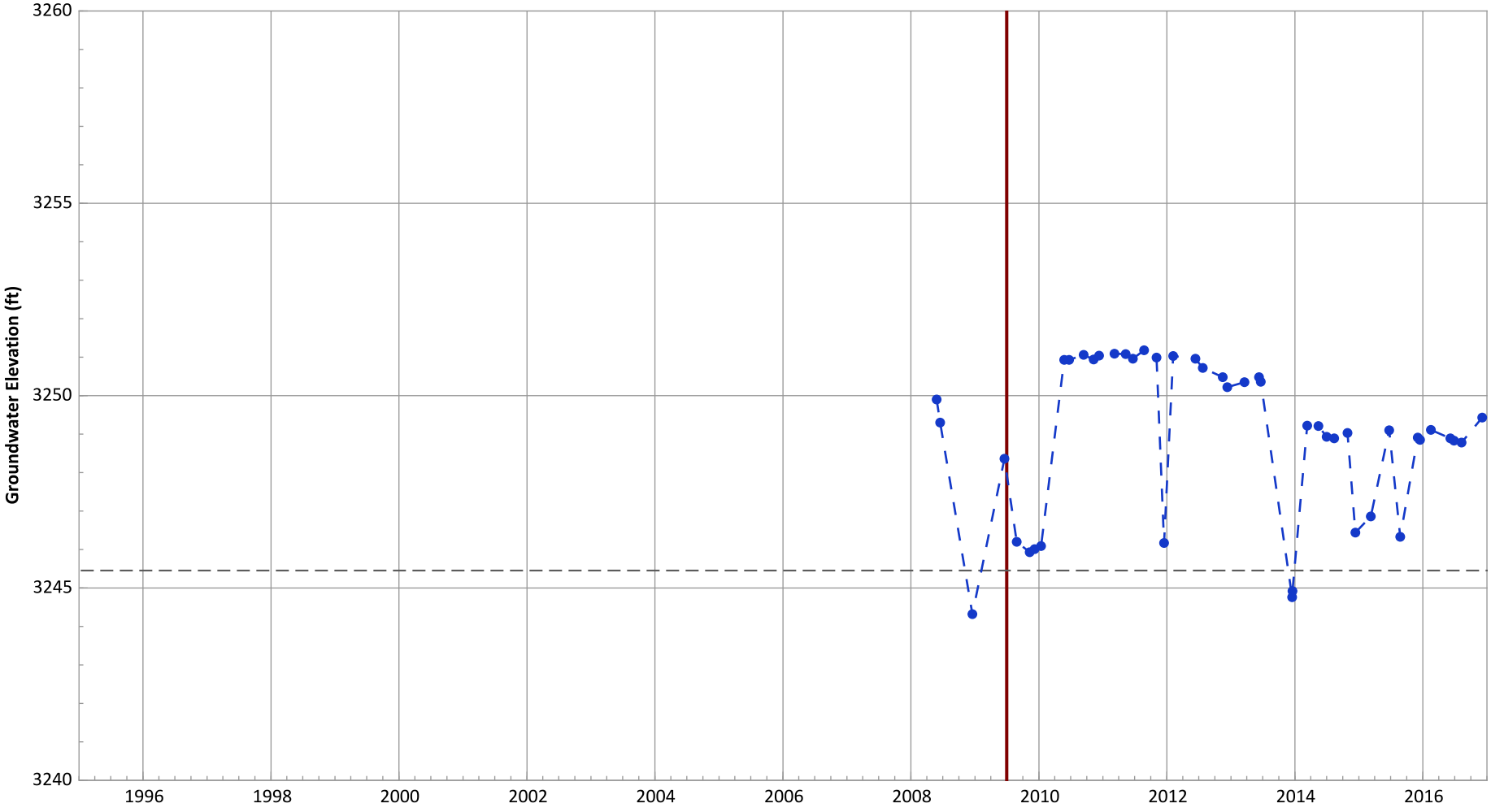
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.27 ft/yr
2014 - 2016 Data: Decreasing at 0.47 ft/yr

PTX06-ISB048 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

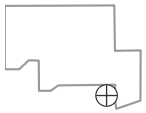


Notes:
1. Top of screen elevation is 3255.45 ft msl.
2. The bottom of screen elevation is 3245.45 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

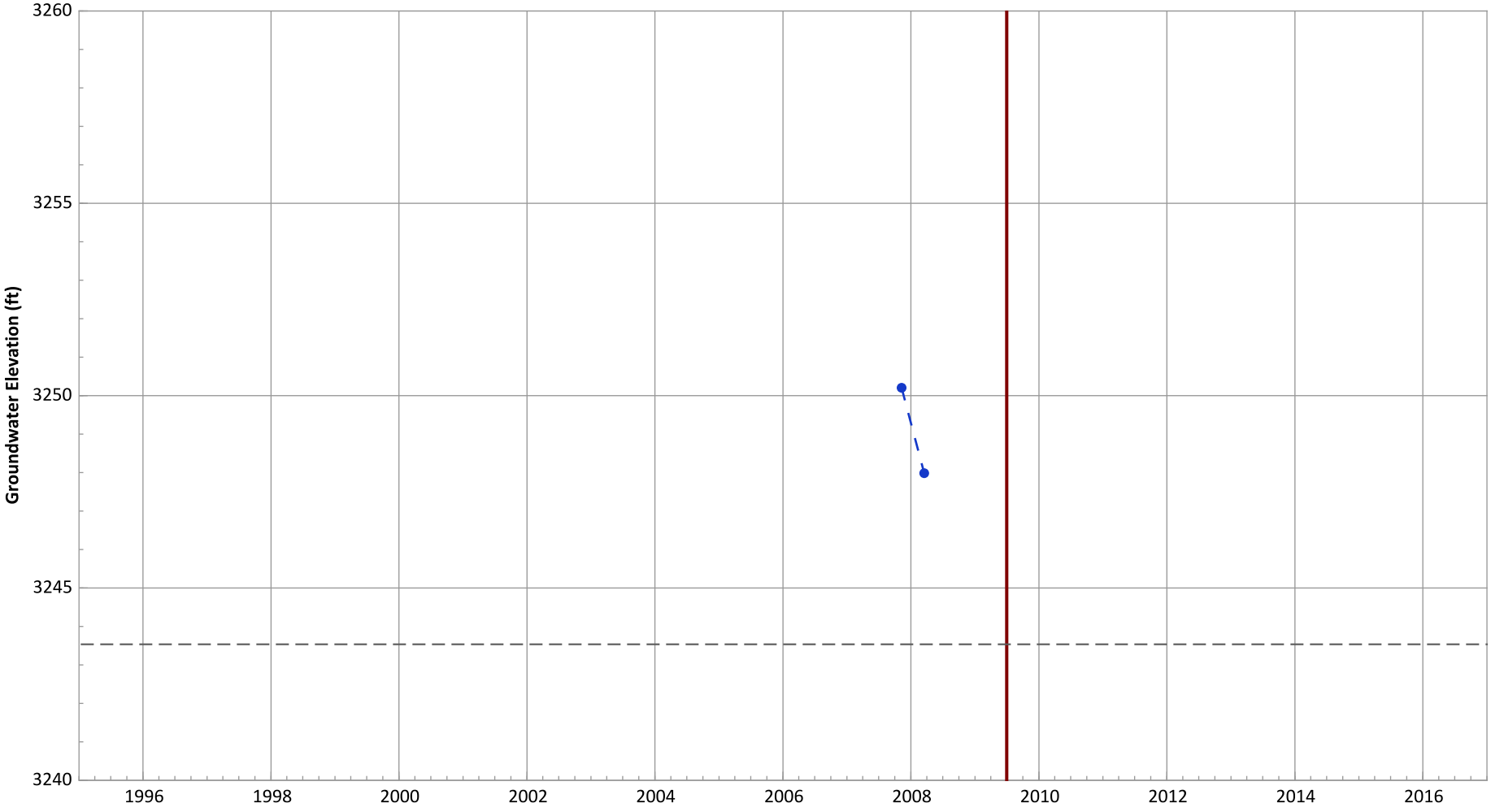
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.14 ft/yr
2014 - 2016 Data: Increasing at 1.18 ft/yr

PTX06-ISB049 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

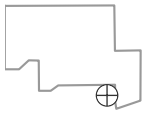


Notes:
1. Top of screen elevation is 3253.54 ft msl.
2. The bottom of screen elevation is 3243.54 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

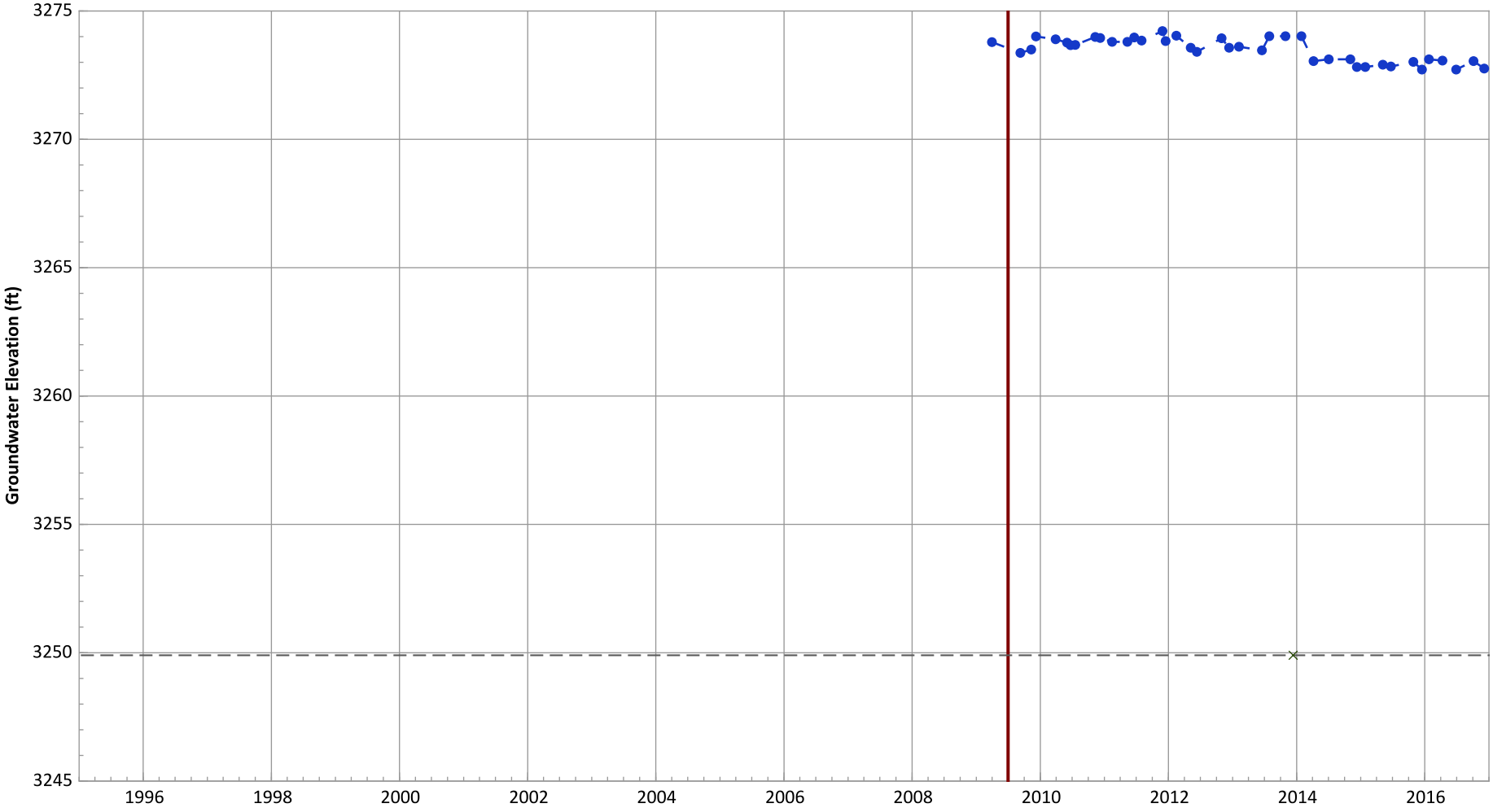
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB055 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

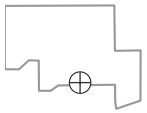


Notes:
1. Top of screen elevation is 3269.9 ft msl.
2. The bottom of screen elevation is 3249.9 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

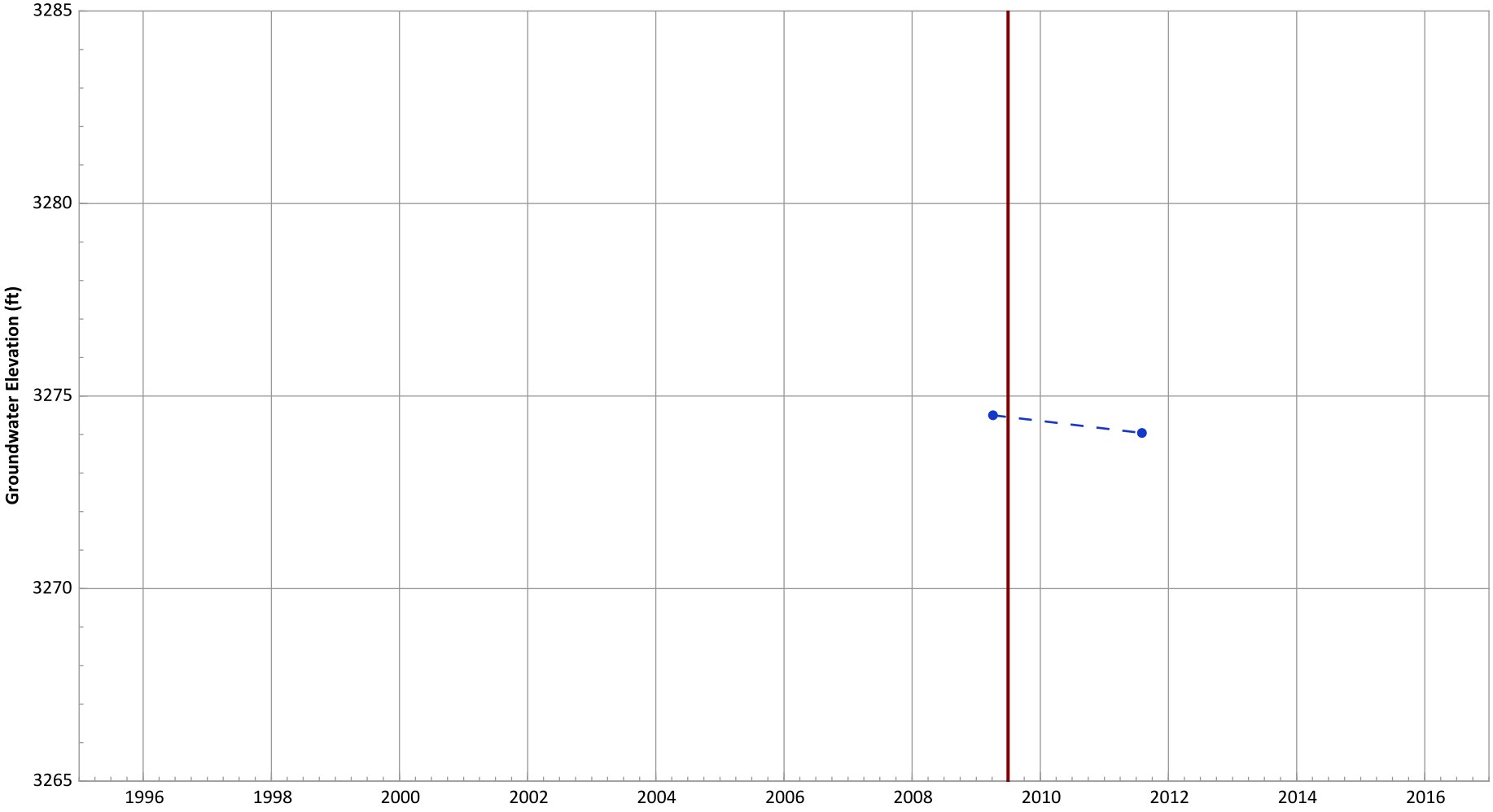
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.16 ft/yr
2014 - 2016 Data: No Trend

PTX06-ISB057 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

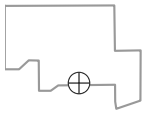


Notes:
1. Top of screen elevation is 3274.18 ft msl.
2. The bottom of screen elevation is 3254.18 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

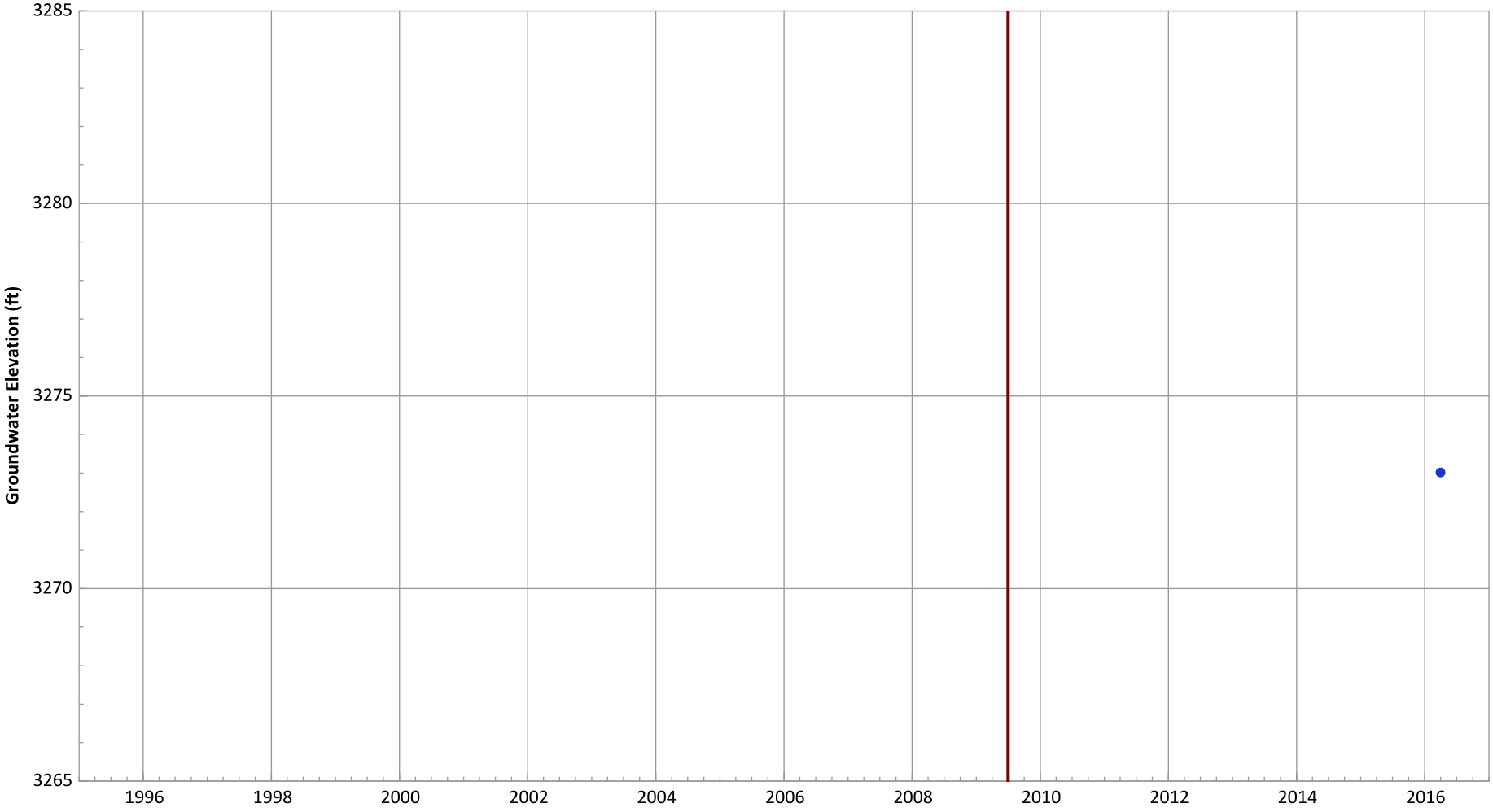
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (<3 Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB058 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

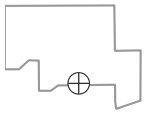


Notes:
1. Top of screen elevation is 3272.72 ft msl.
2. The bottom of screen elevation is 3252.72 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

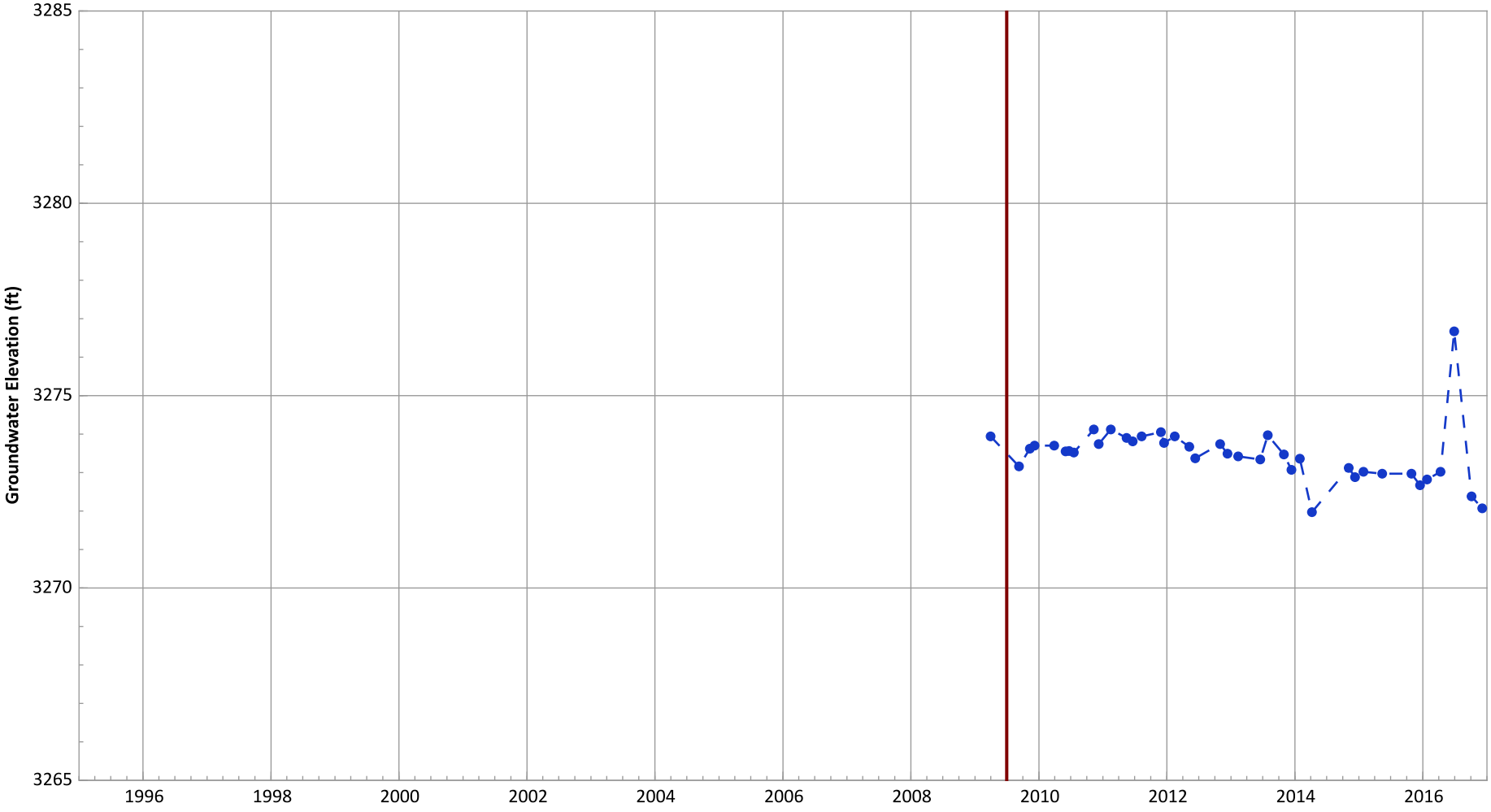
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB059 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

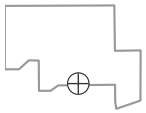


Notes:
1. Top of screen elevation is 3271.55 ft msl.
2. The bottom of screen elevation is 3251.55 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

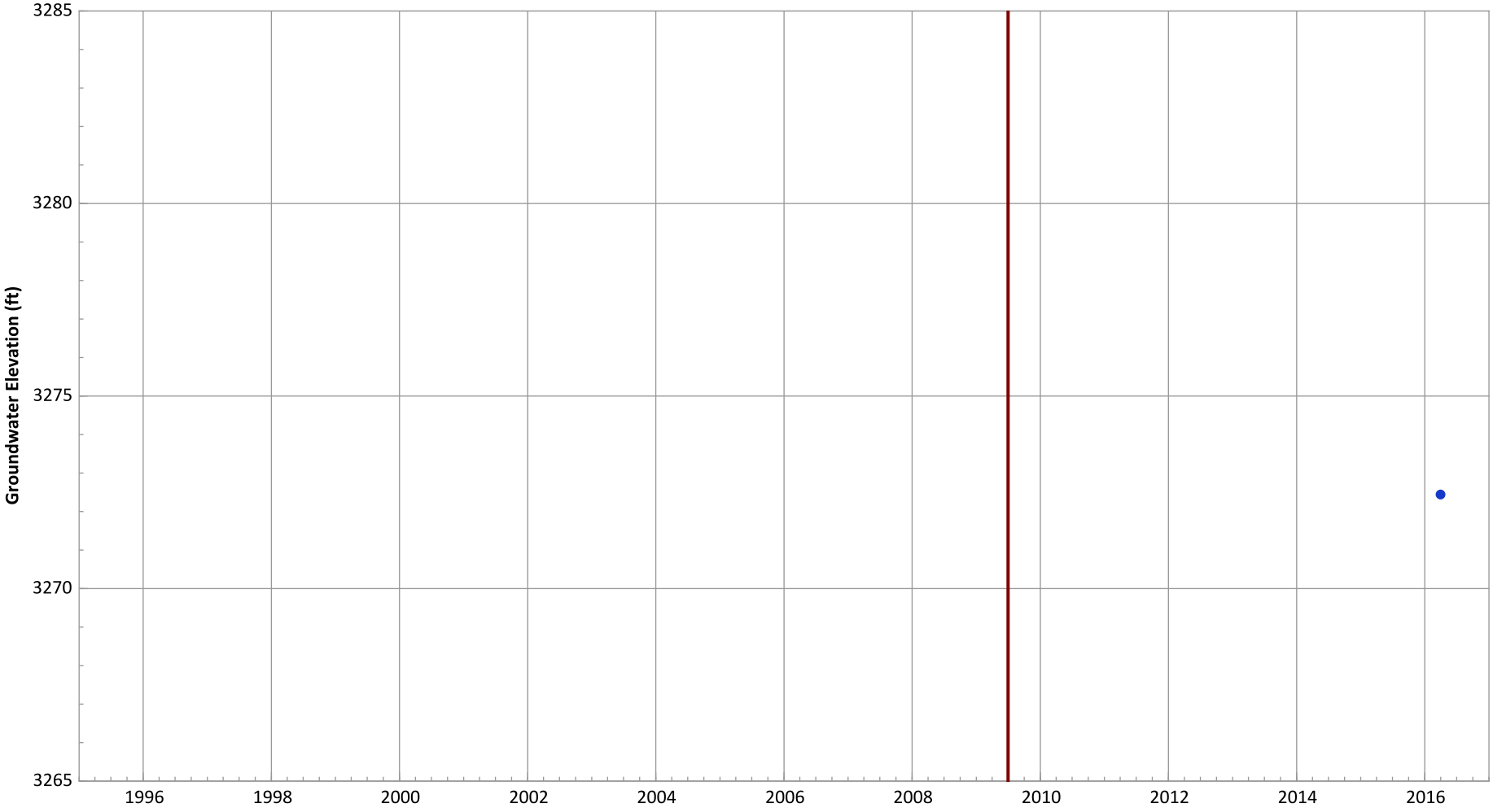
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.11 ft/yr
2014 - 2016 Data: Increasing at 0.12 ft/yr

PTX06-ISB060A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

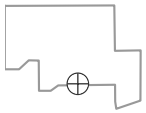


Notes:
1. Top of screen elevation is 3273.38 ft msl.
2. The bottom of screen elevation is 3253.38 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

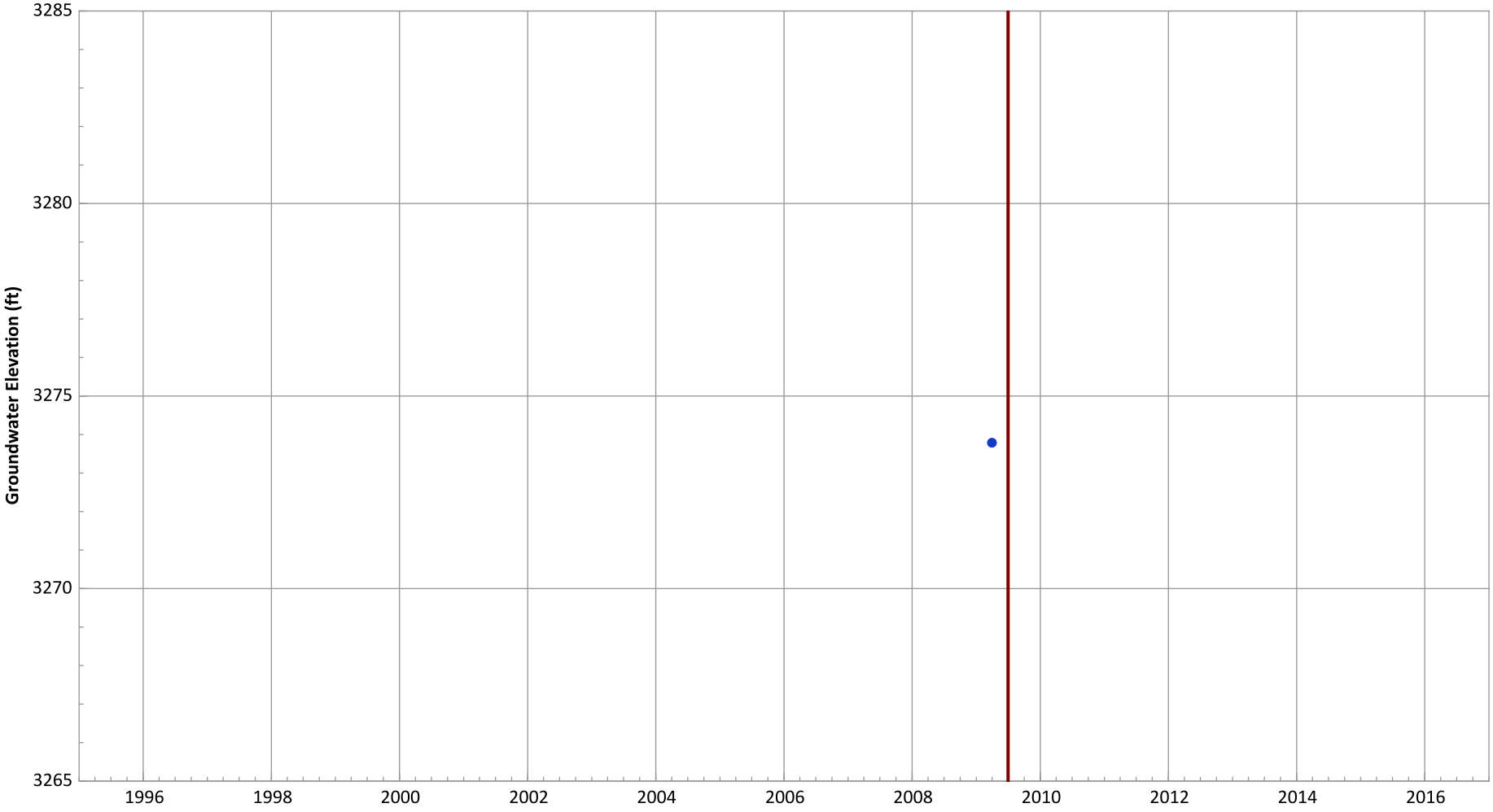
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB061 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

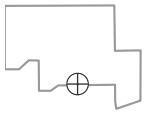


Notes:
1. Top of screen elevation is 3272.95 ft msl.
2. The bottom of screen elevation is 3253.95 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

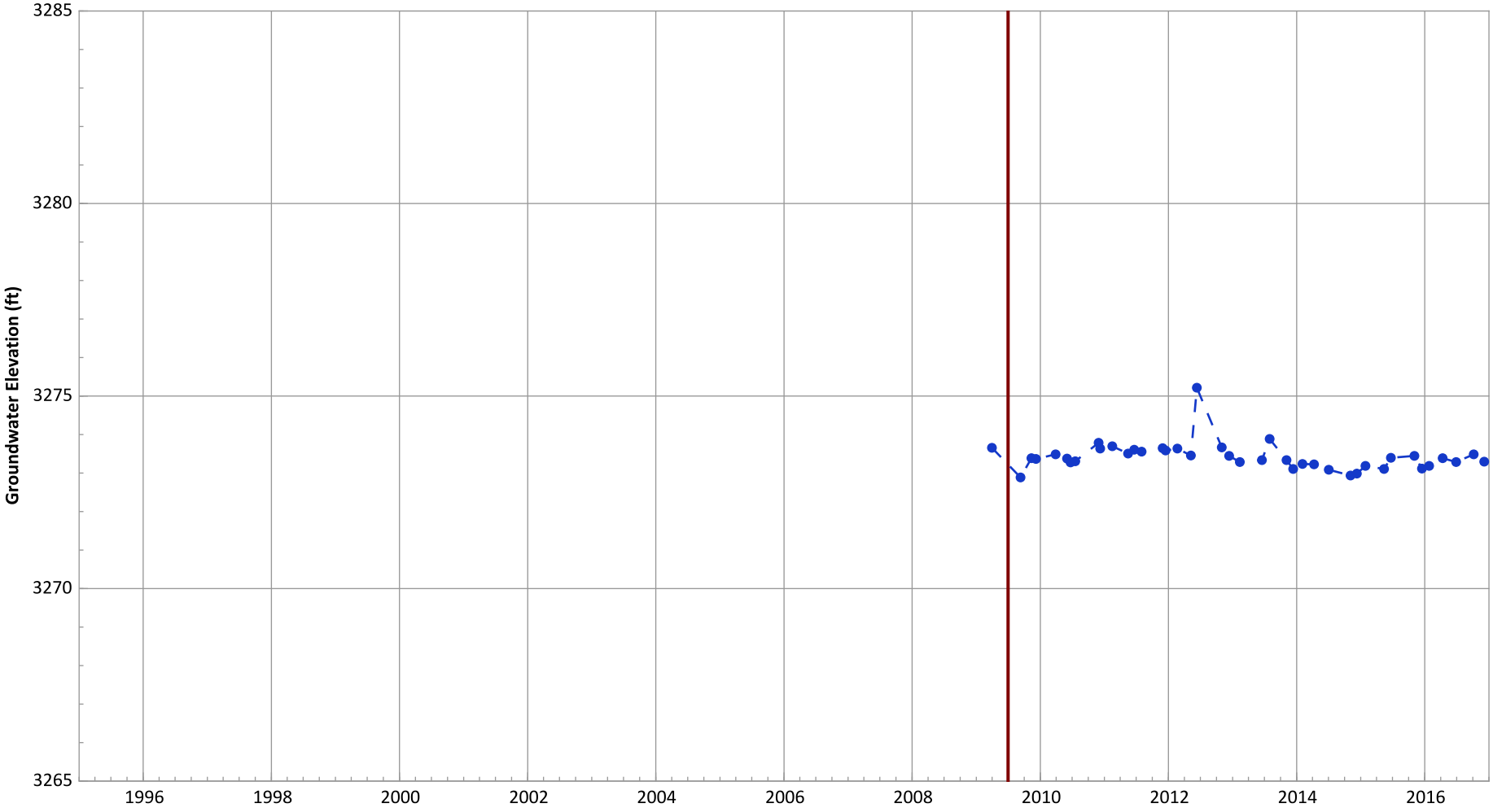
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB063 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

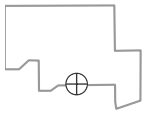


Notes:
1. Top of screen elevation is 3276.7 ft msl.
2. The bottom of screen elevation is 3256.7 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

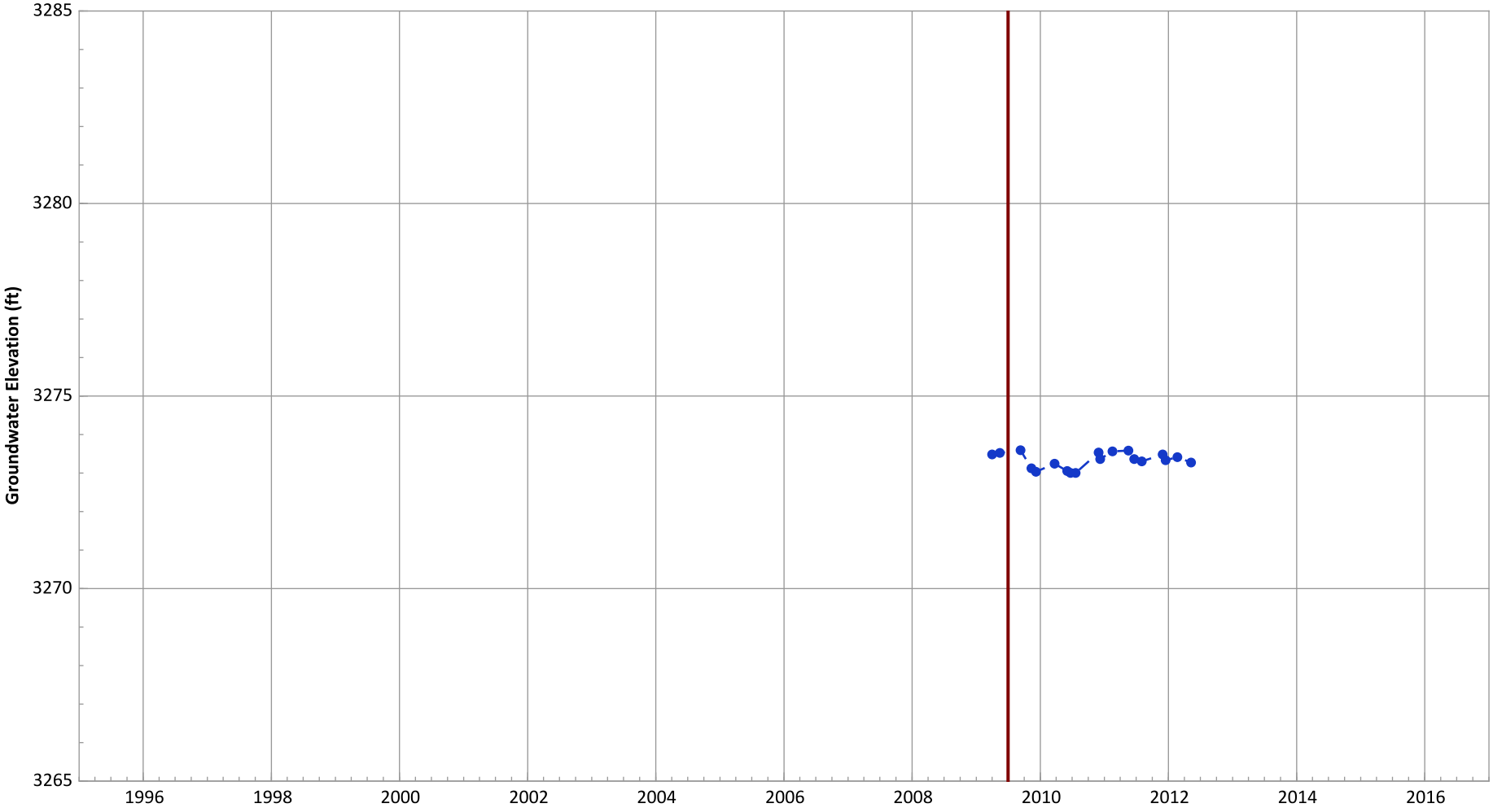
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: No Trend

PTX06-ISB065 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

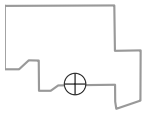


Notes:
1. Top of screen elevation is 3274.94 ft msl.
2. The bottom of screen elevation is 3254.94 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

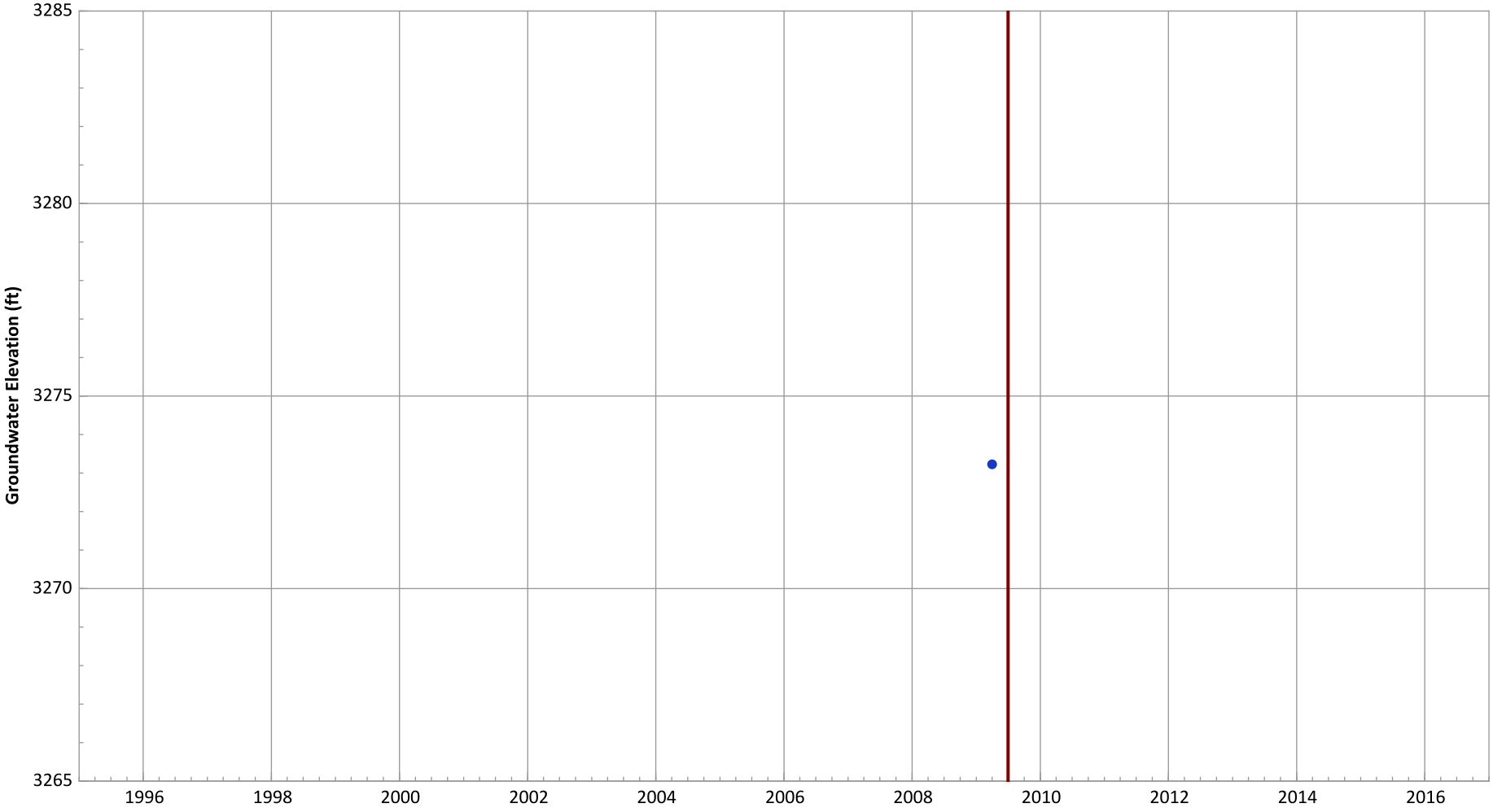
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB067 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

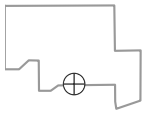


Notes:
1. Top of screen elevation is 3275.56 ft msl.
2. The bottom of screen elevation is 3255.56 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

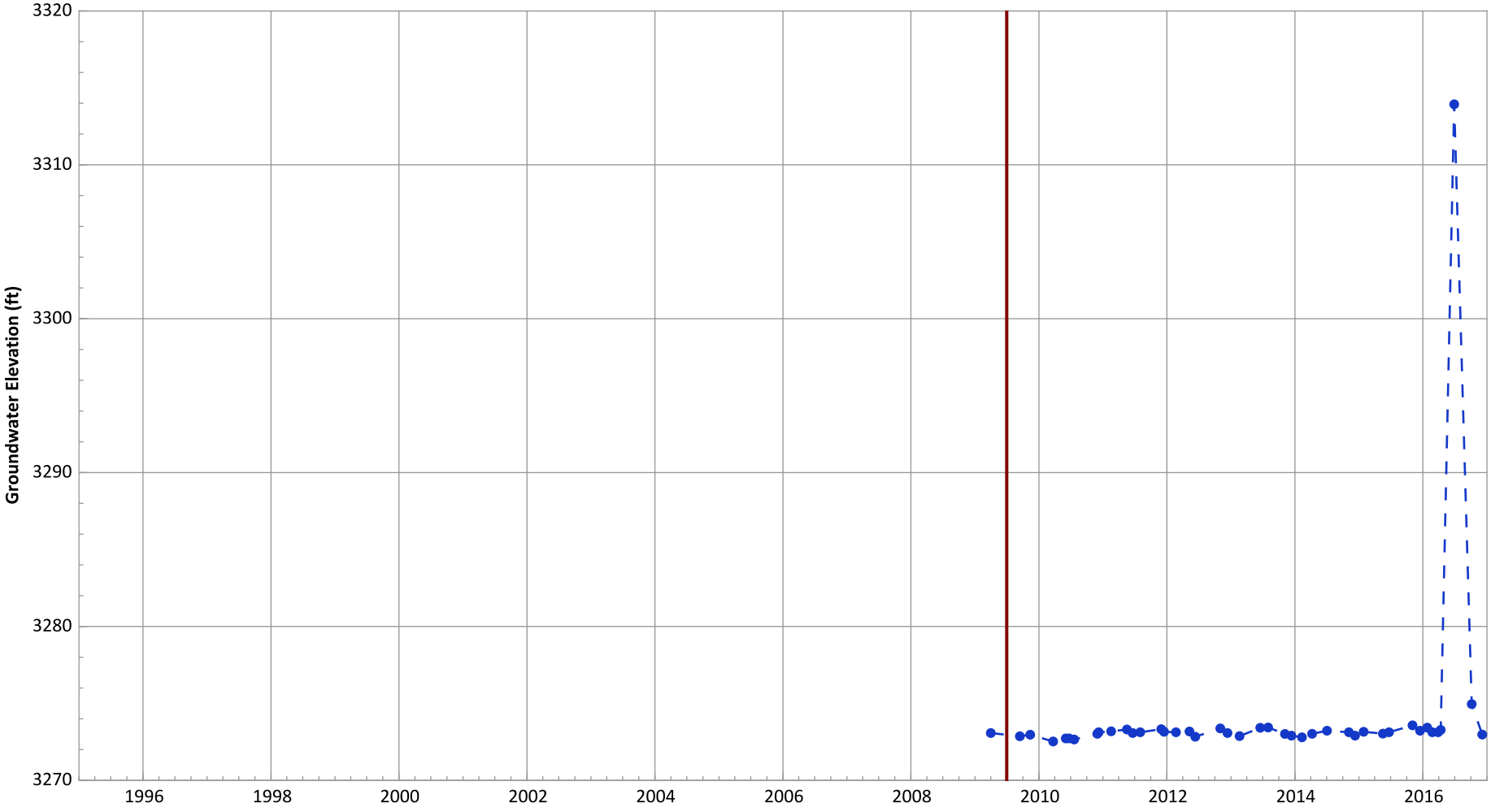
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB069A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

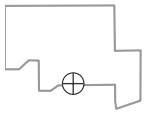


Notes:
1. Top of screen elevation is 3276.05 ft msl.
2. The bottom of screen elevation is 3256.05 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

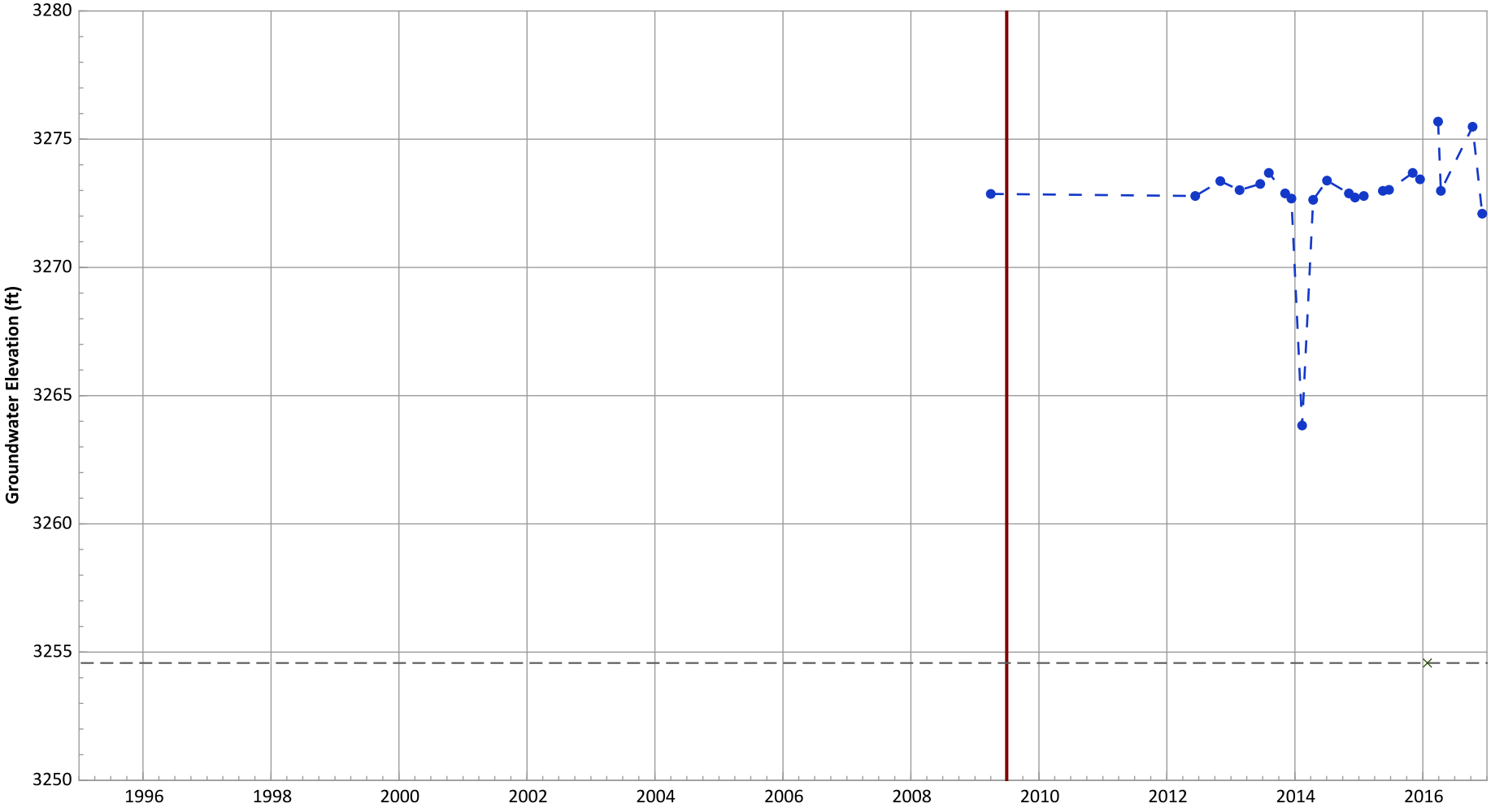
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.73 ft/yr
2014 - 2016 Data: Increasing at 5.64 ft/yr

PTX06-ISB071 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

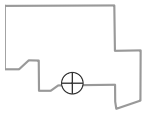


Notes:
1. Top of screen elevation is 3274.57 ft msl.
2. The bottom of screen elevation is 3254.57 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

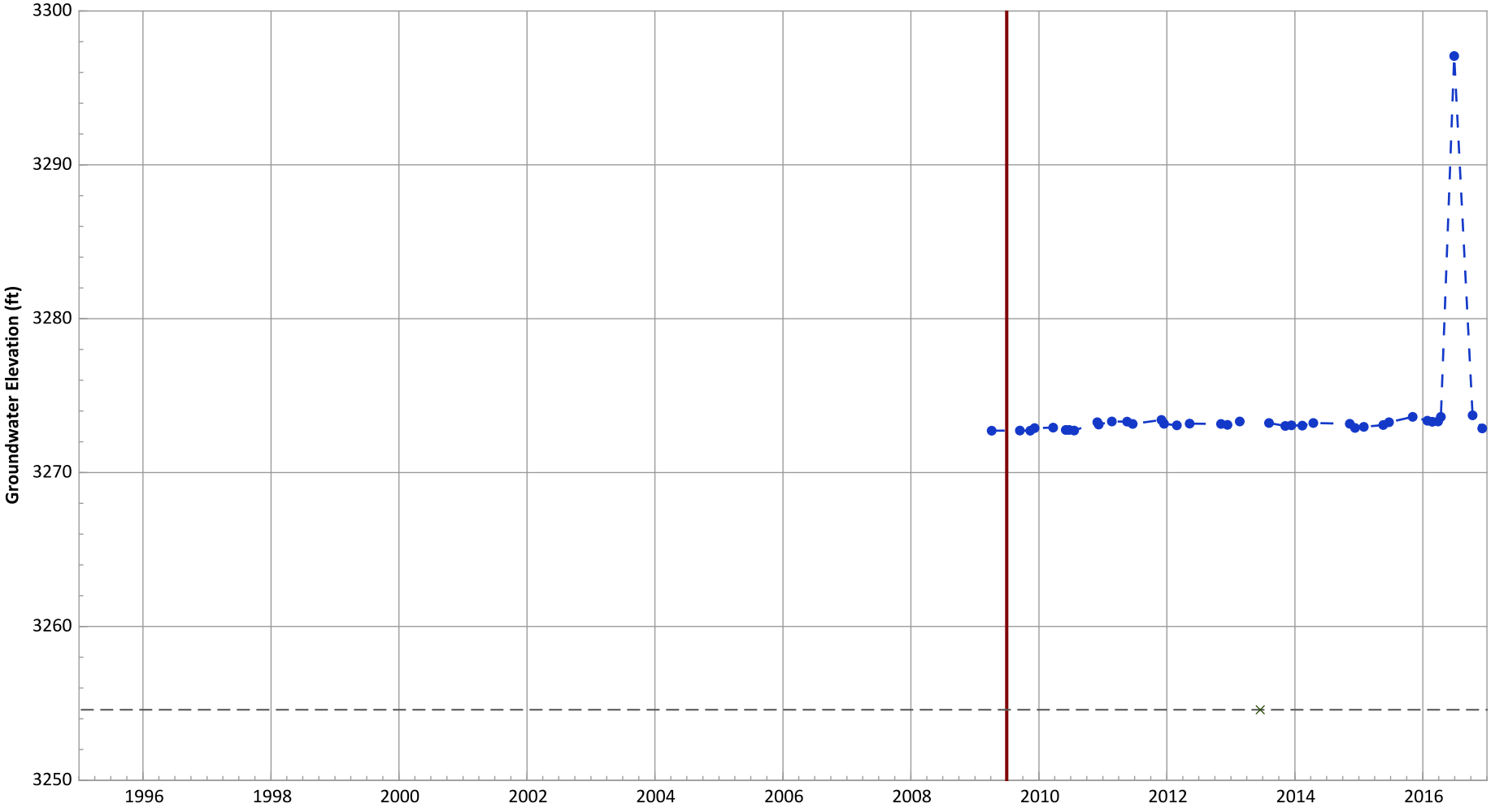
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.39 ft/yr
2014 - 2016 Data: Increasing at 0.58 ft/yr

PTX06-ISB073 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

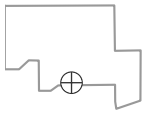


Notes:
1. Top of screen elevation is 3274.59 ft msl.
2. The bottom of screen elevation is 3254.59 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

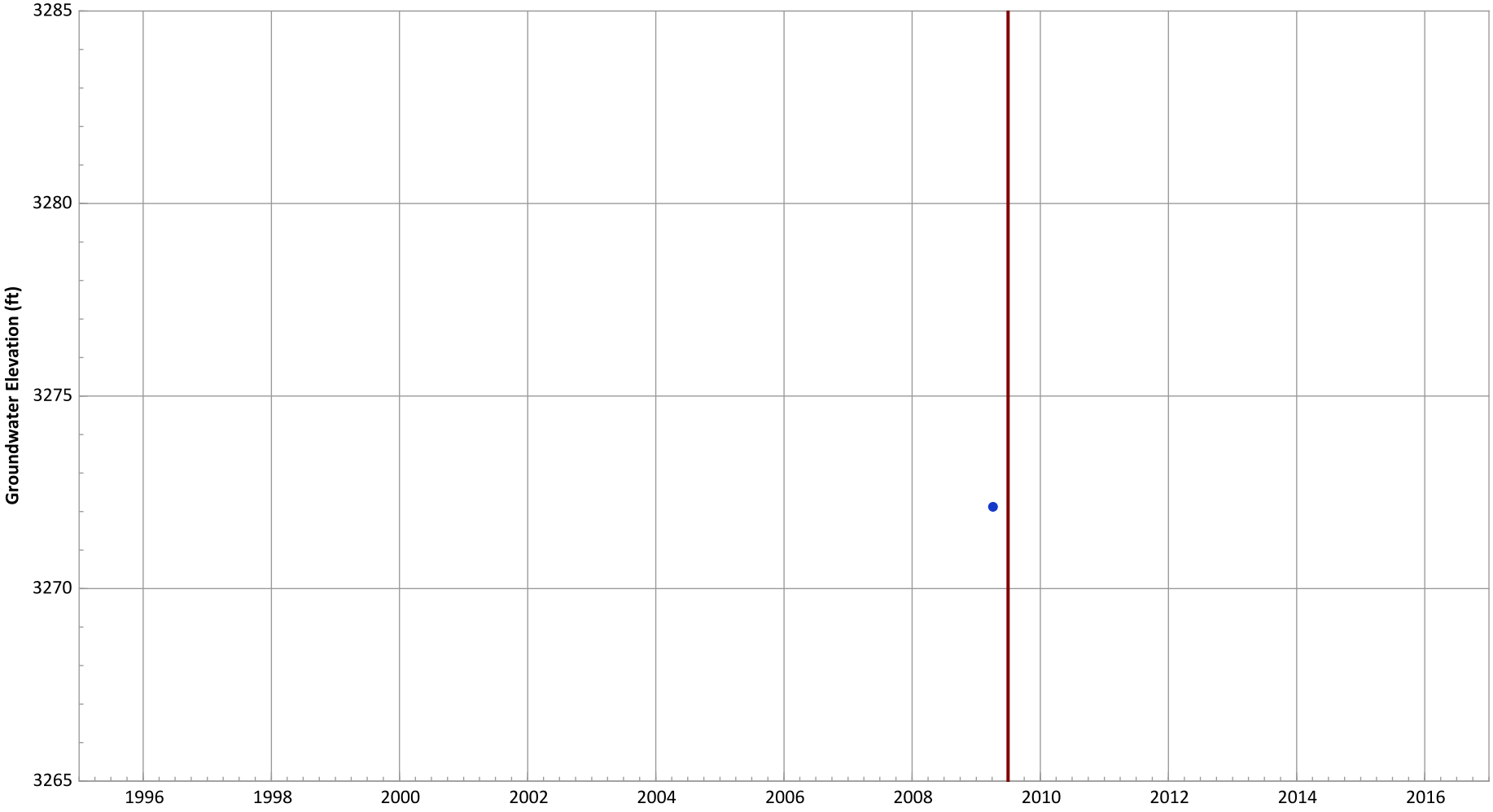
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.46 ft/yr
2014 - 2016 Data: Increasing at 3.13 ft/yr

PTX06-ISB074 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

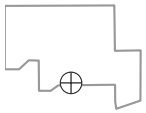


Notes:
1. Top of screen elevation is 3279.2 ft msl.
2. The bottom of screen elevation is 3259.2 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

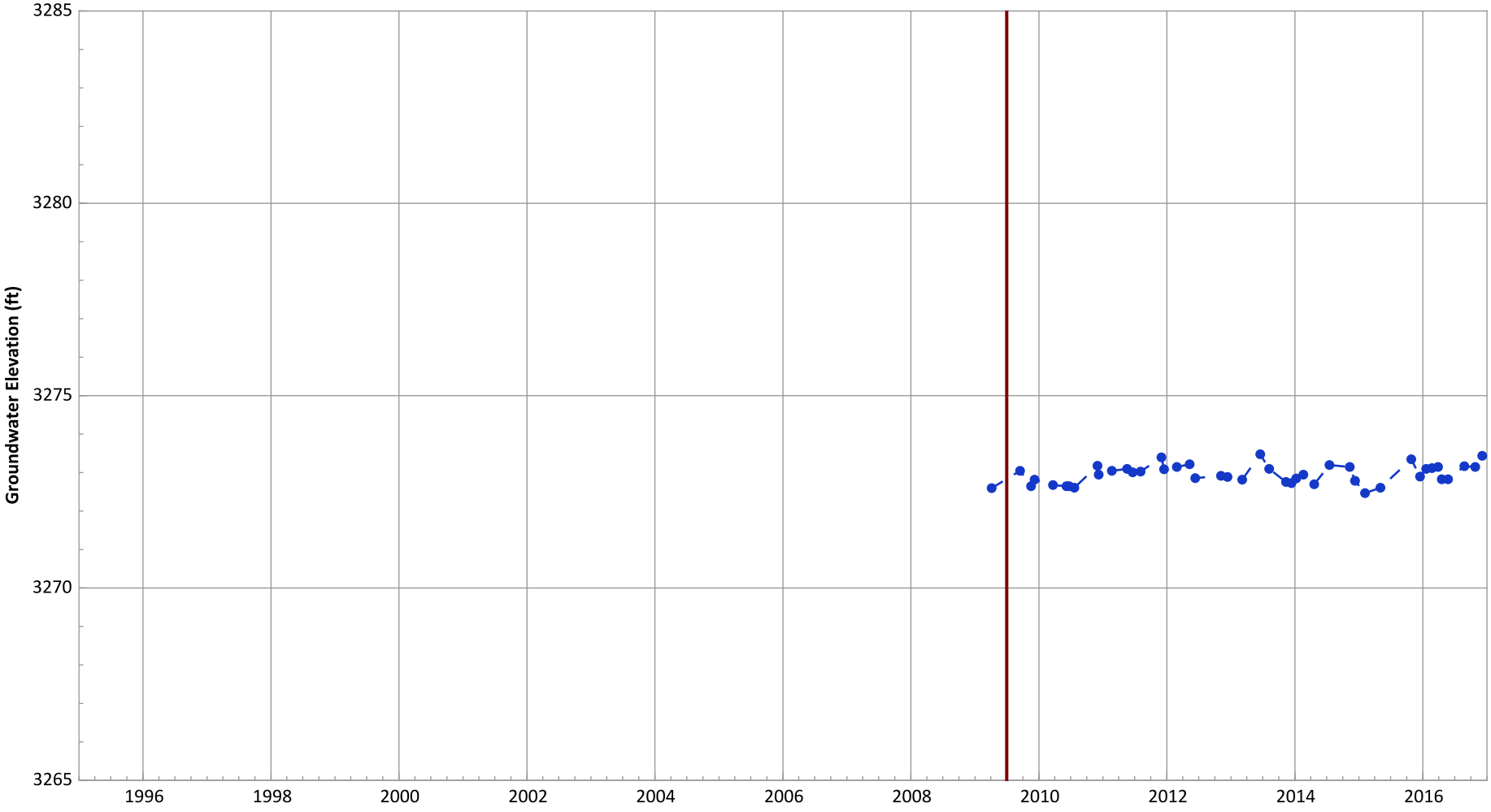
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB075 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

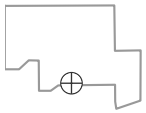


Notes:
1. Top of screen elevation is 3280.59 ft msl.
2. The bottom of screen elevation is 3260.59 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

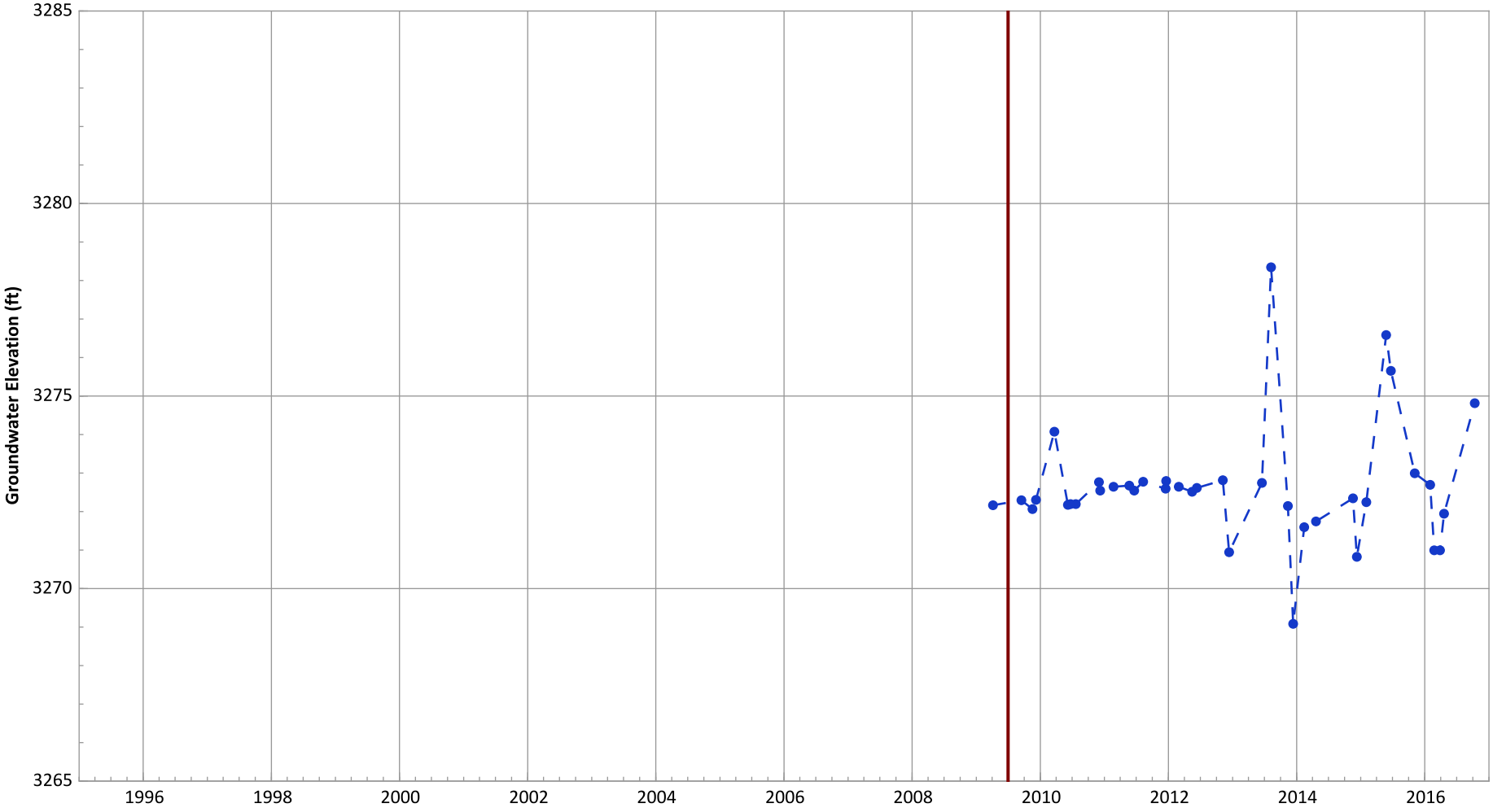
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: Increasing at 0.37 ft/yr

PTX06-ISB077 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

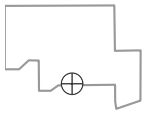


Notes:
1. Top of screen elevation is 3275.82 ft msl.
2. The bottom of screen elevation is 3255.82 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

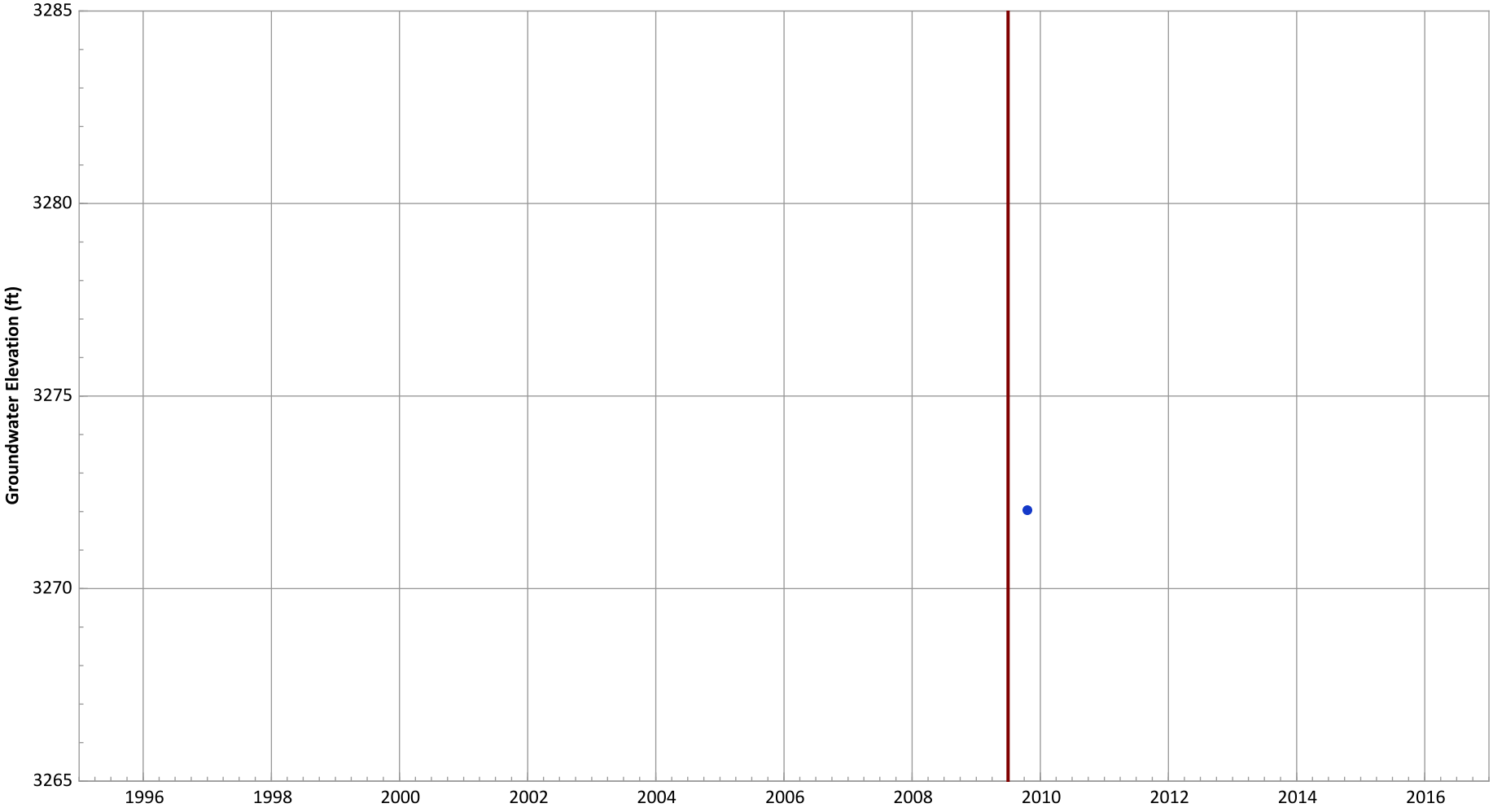
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: Decreasing at 1.09 ft/yr

PTX06-ISB083 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

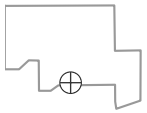


Notes:
1. Top of screen elevation is 3278.95 ft msl.
2. The bottom of screen elevation is 3258.95 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

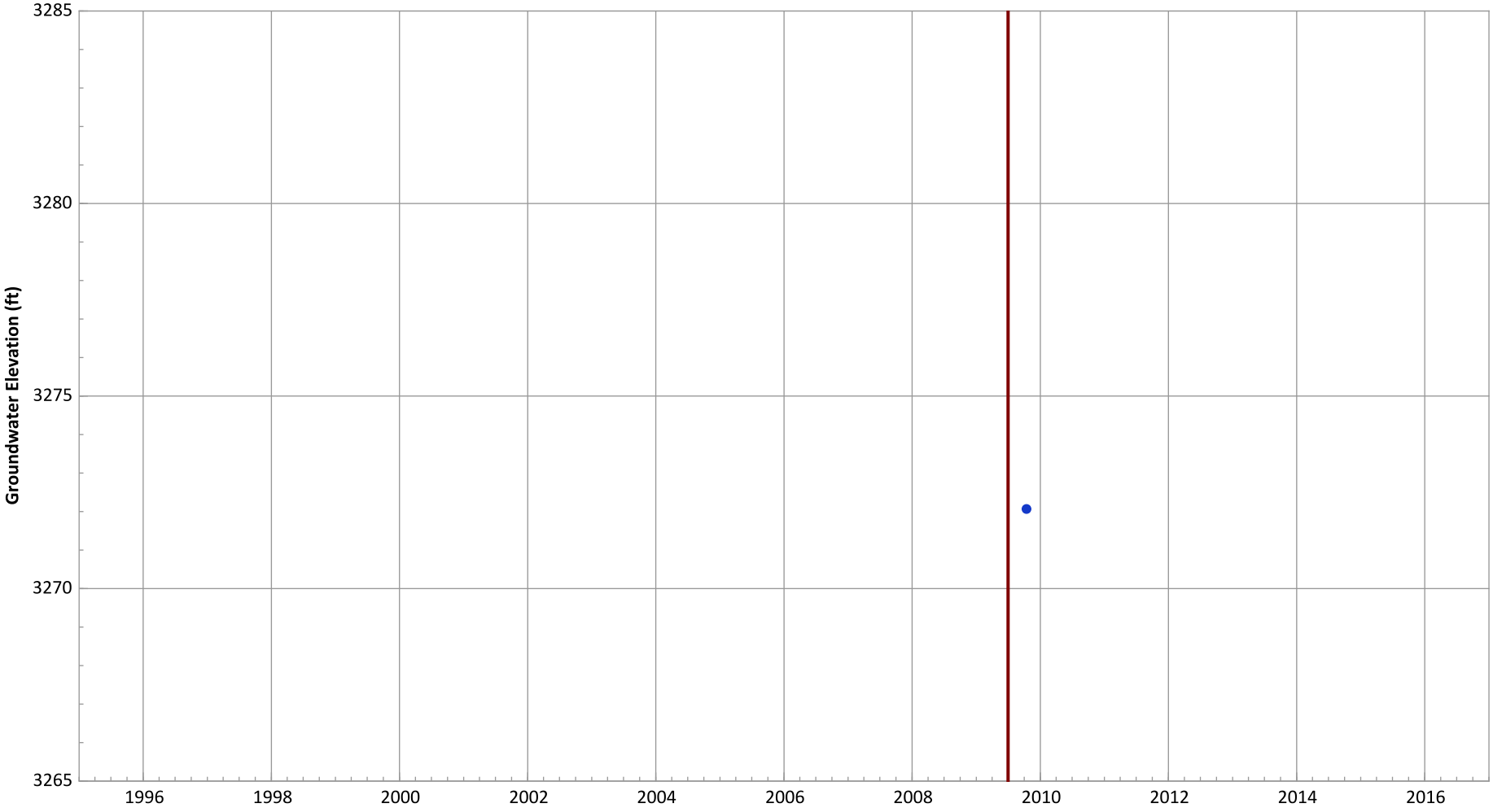
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB084 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

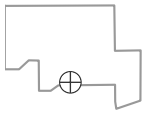


Notes:
1. Top of screen elevation is 3272.93 ft msl.
2. The bottom of screen elevation is 3257.93 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

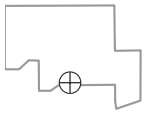
PTX06-ISB085A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3279.26 ft msl.
2. The bottom of screen elevation is 3259.26 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

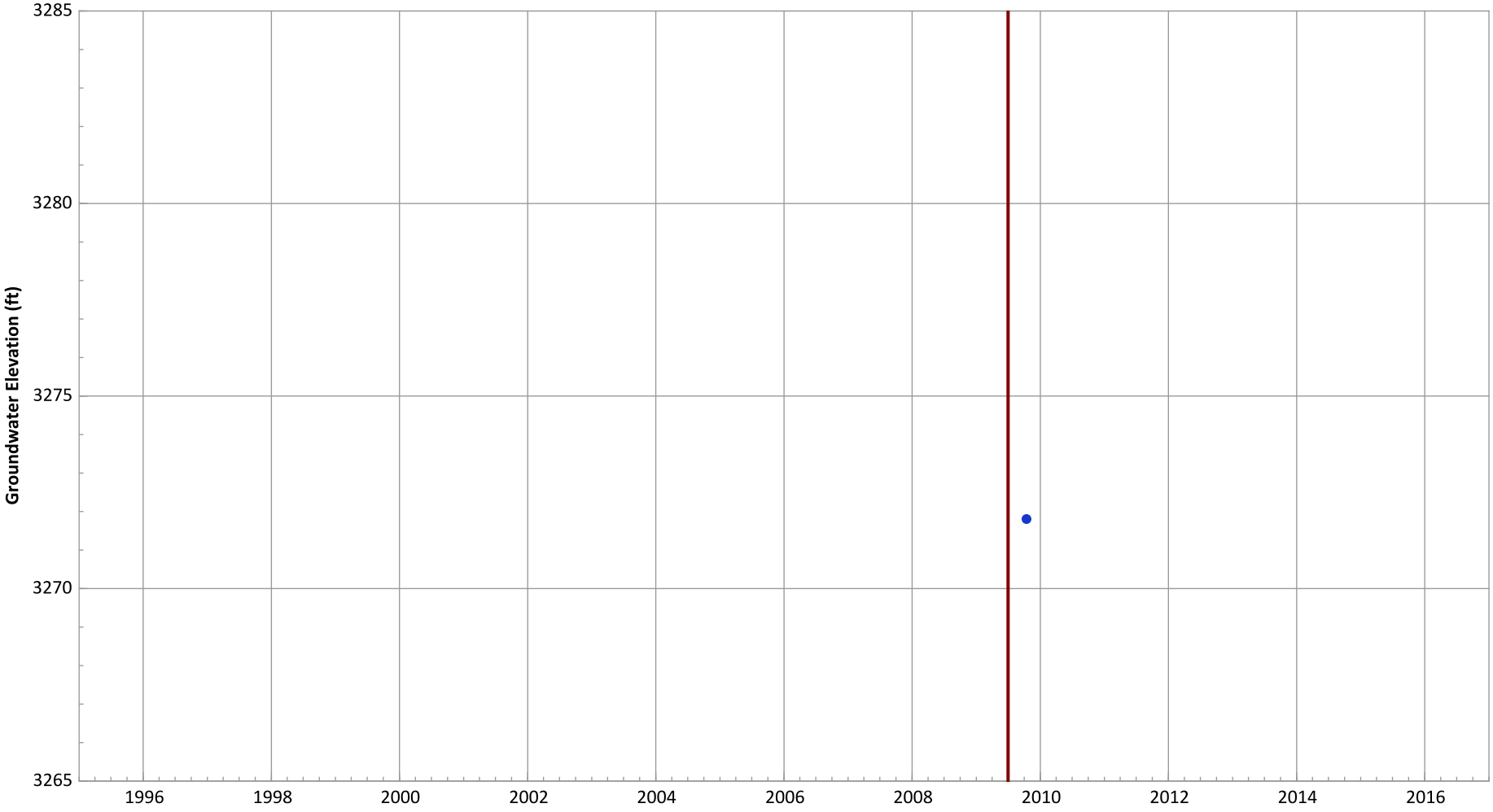
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.18 ft/yr
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB086 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

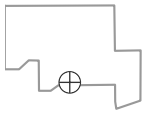


Notes:
1. Top of screen elevation is 3278.7 ft msl.
2. The bottom of screen elevation is 3258.7 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

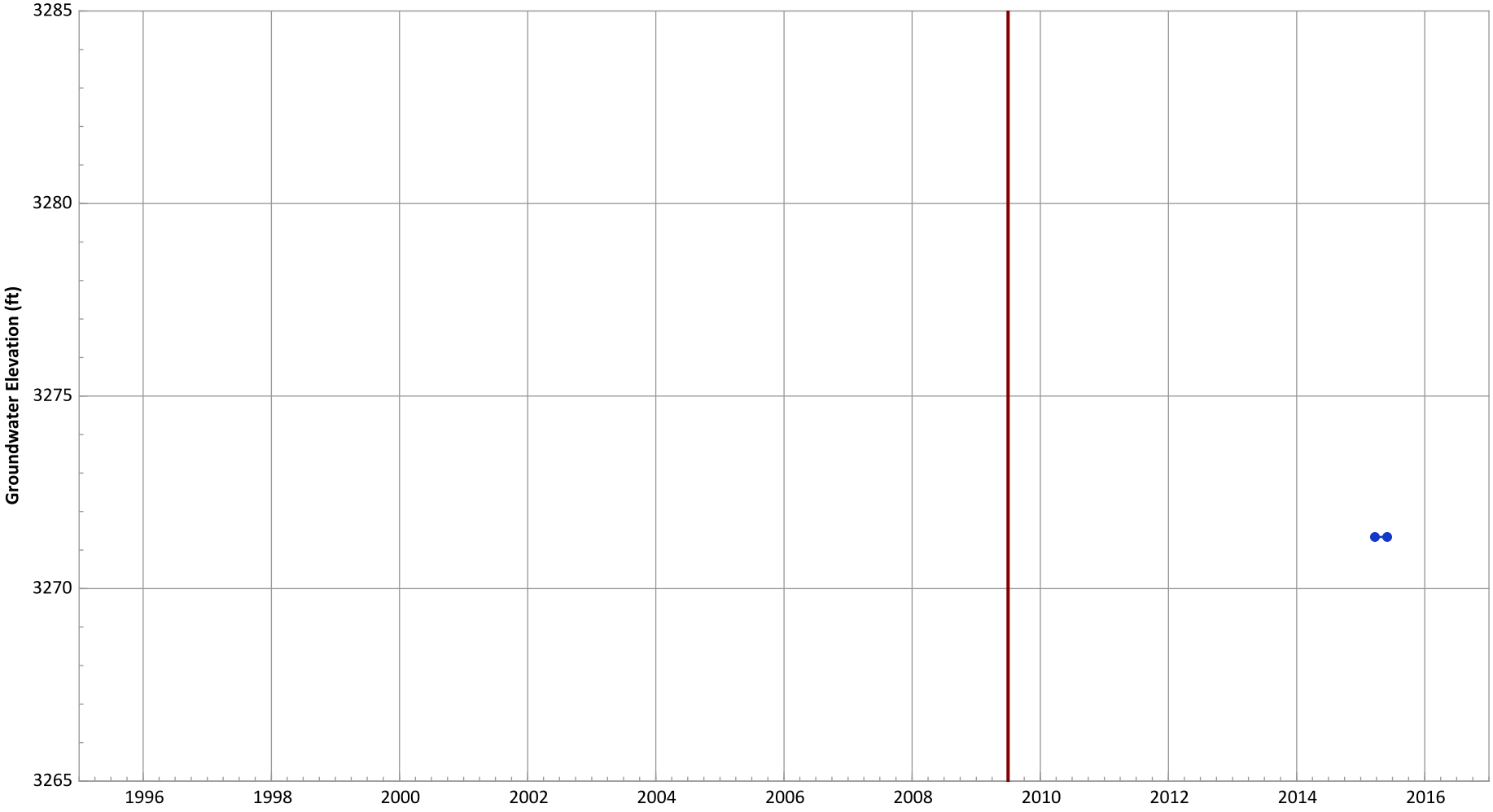
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX06-ISB098 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

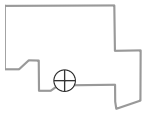


Notes:
1. Top of screen elevation is 3279.53 ft msl.
2. The bottom of screen elevation is 3259.53 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

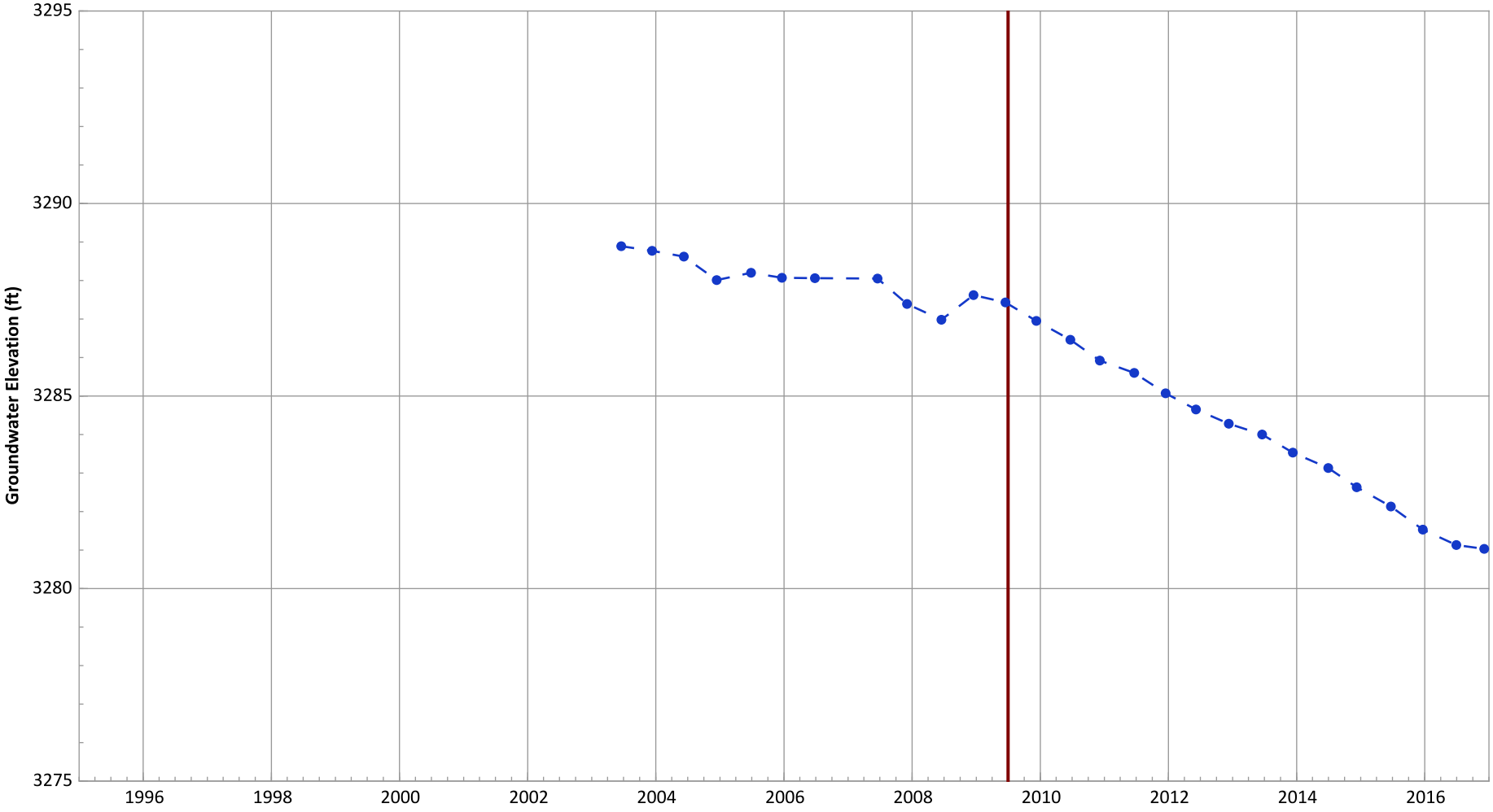
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (<3 Measurements)
2014 - 2016 Data: N/A (<3 Measurements)

PTX06-PZ01 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

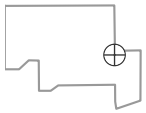


Notes:
1. Top of screen elevation is 3288.44 ft msl.
2. The bottom of screen elevation is 3269.44 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

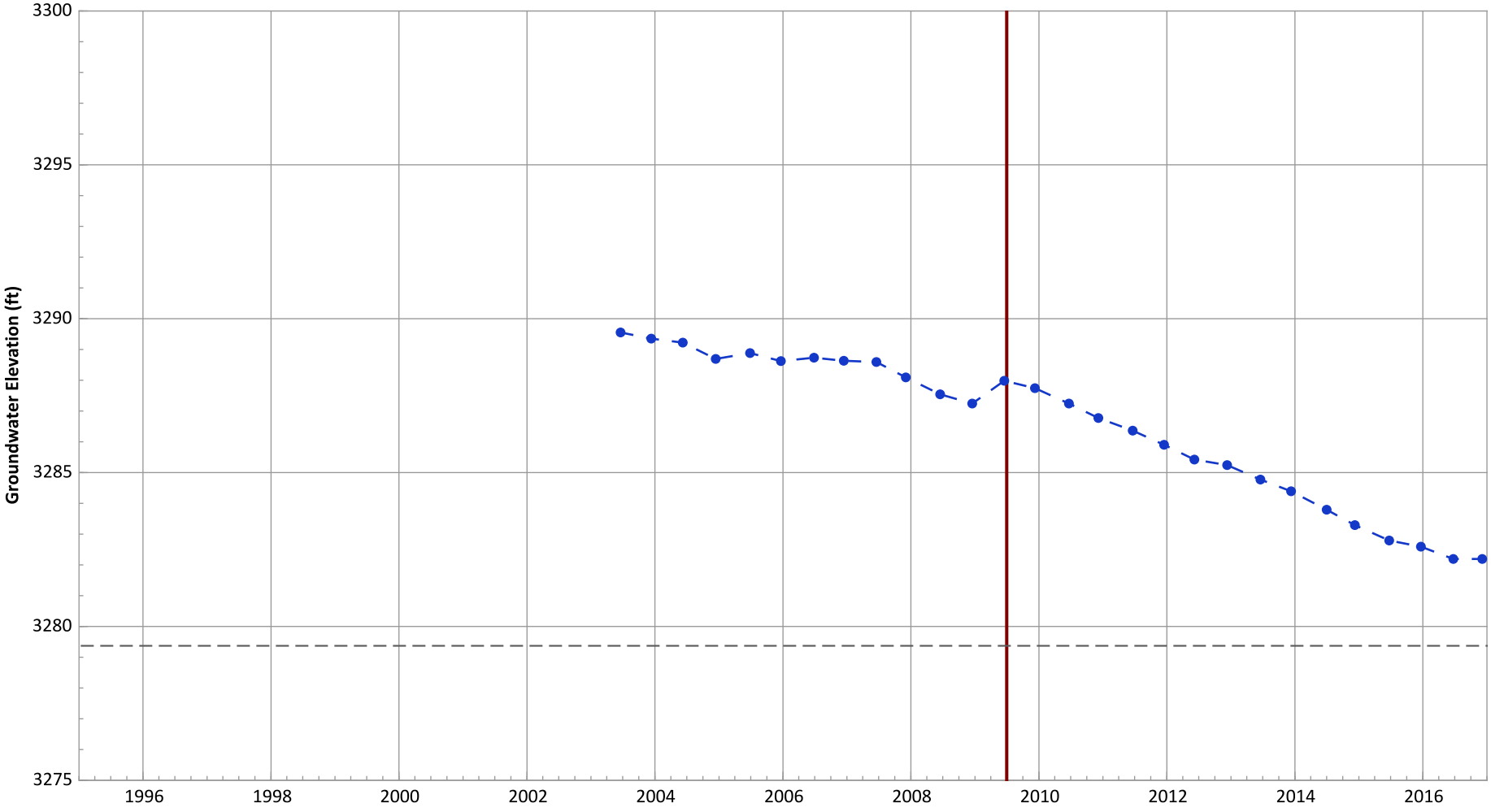
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.86 ft/yr
2014 - 2016 Data: Decreasing at 0.76 ft/yr

PTX06-PZ02 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

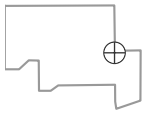


Notes:
1. Top of screen elevation is 3303.87 ft msl.
2. The bottom of screen elevation is 3279.37 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

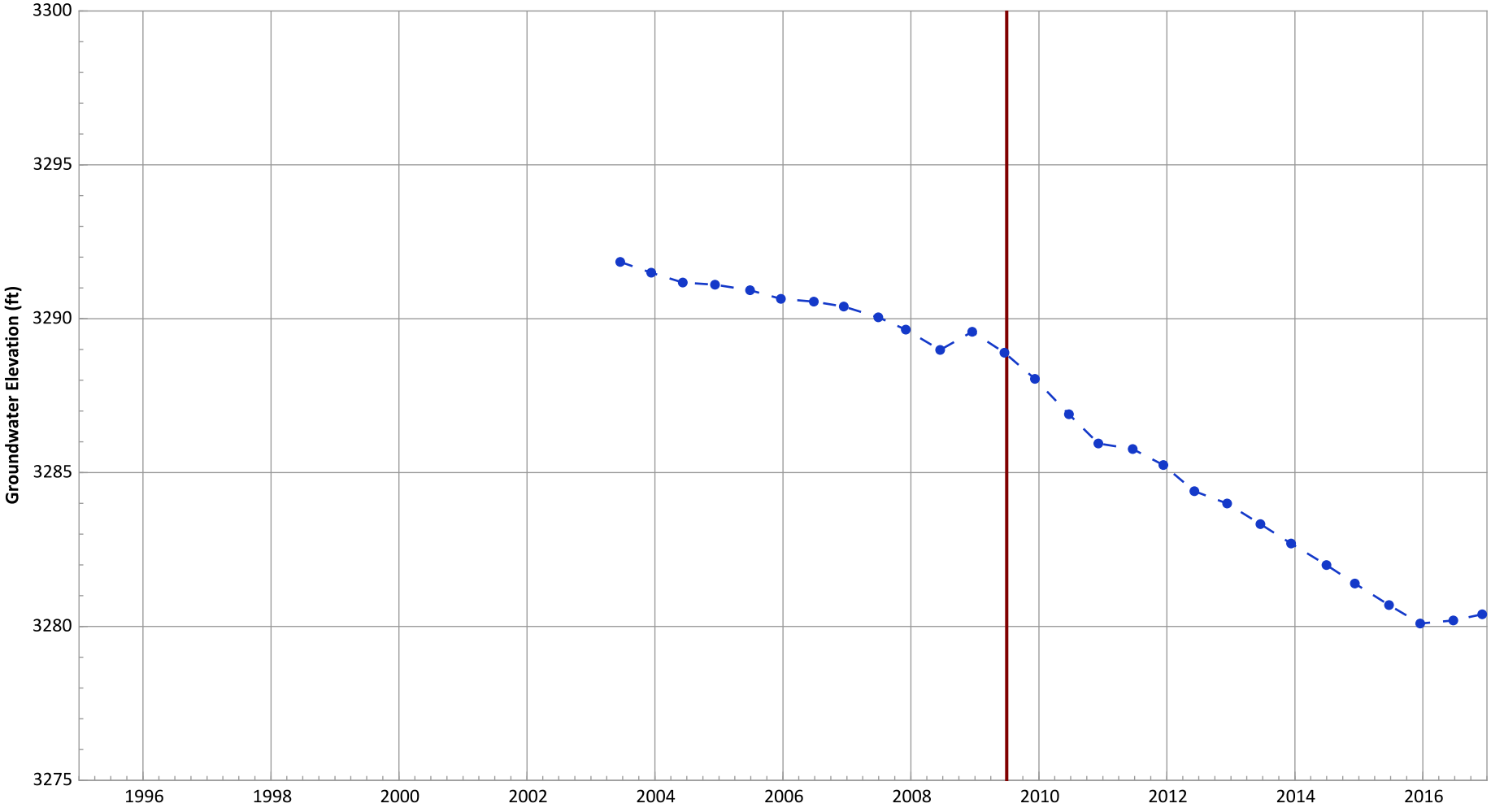
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.83 ft/yr
2014 - 2016 Data: Decreasing at 0.45 ft/yr

PTX06-PZ03 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

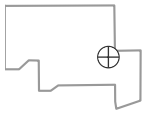


Notes:
1. Top of screen elevation is 3294.14 ft msl.
2. The bottom of screen elevation is 3265.64 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

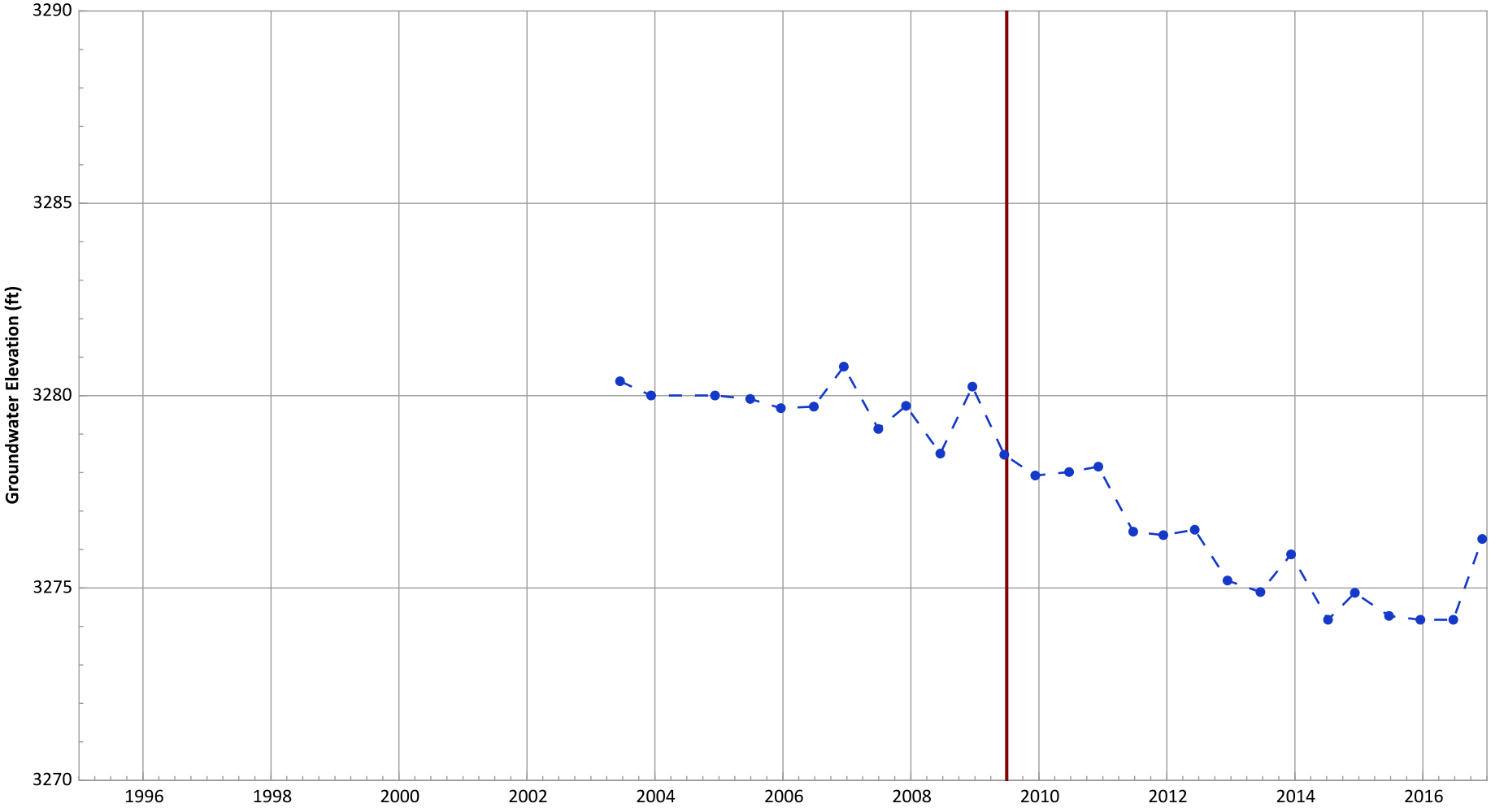
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.15 ft/yr
2014 - 2016 Data: Decreasing at 0.17 ft/yr

PTX06-PZ05 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

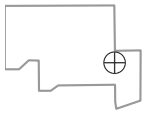


Notes:
1. Top of screen elevation is 3299.45 ft msl.
2. The bottom of screen elevation is 3259.45 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

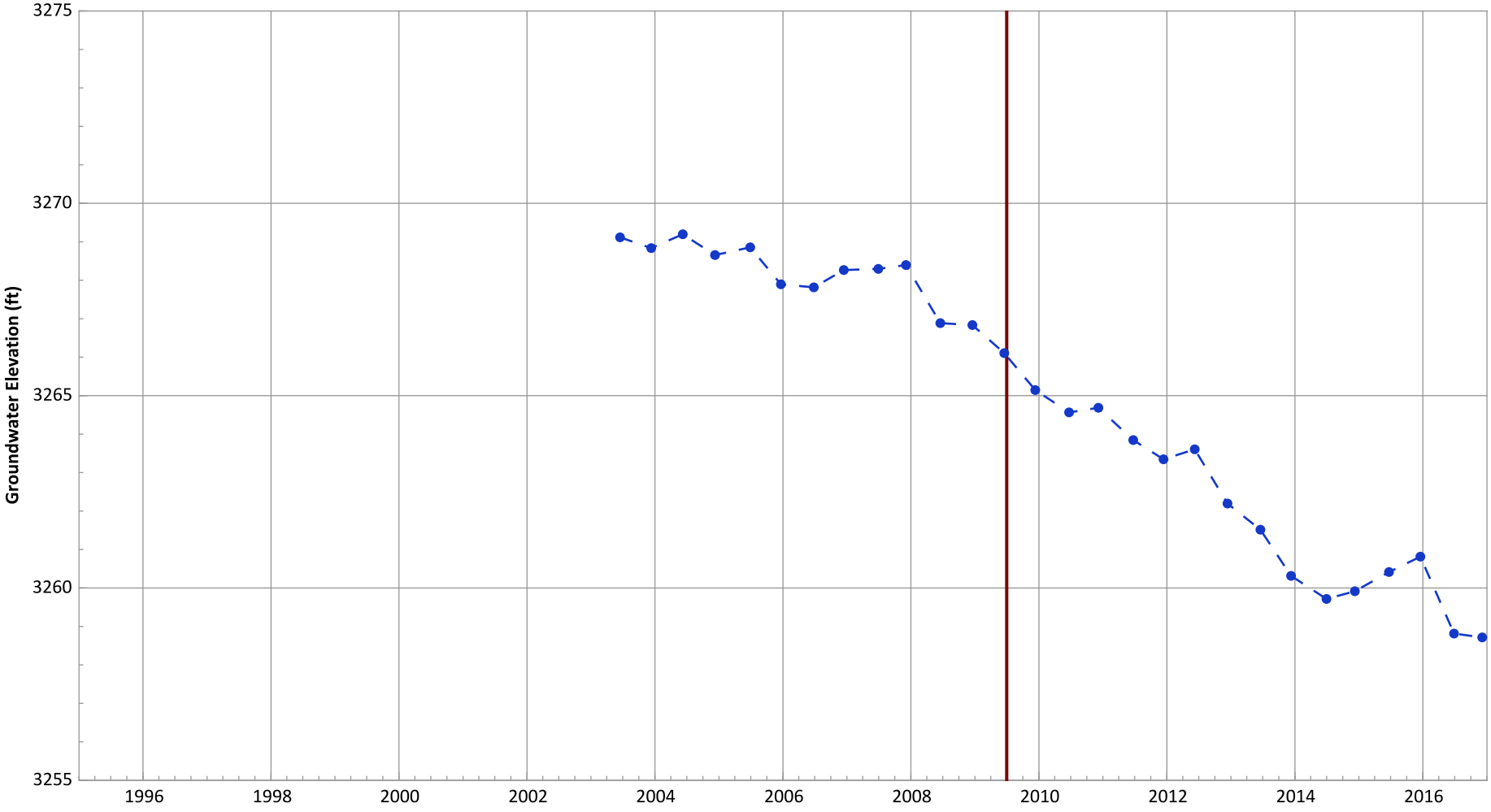
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.51 ft/yr
2014 - 2016 Data: Increasing at 1.2 ft/yr

PTX06-PZ06 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

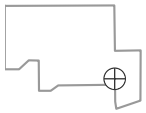


Notes:
1. Top of screen elevation is 3294.76 ft msl.
2. The bottom of screen elevation is 3254.76 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

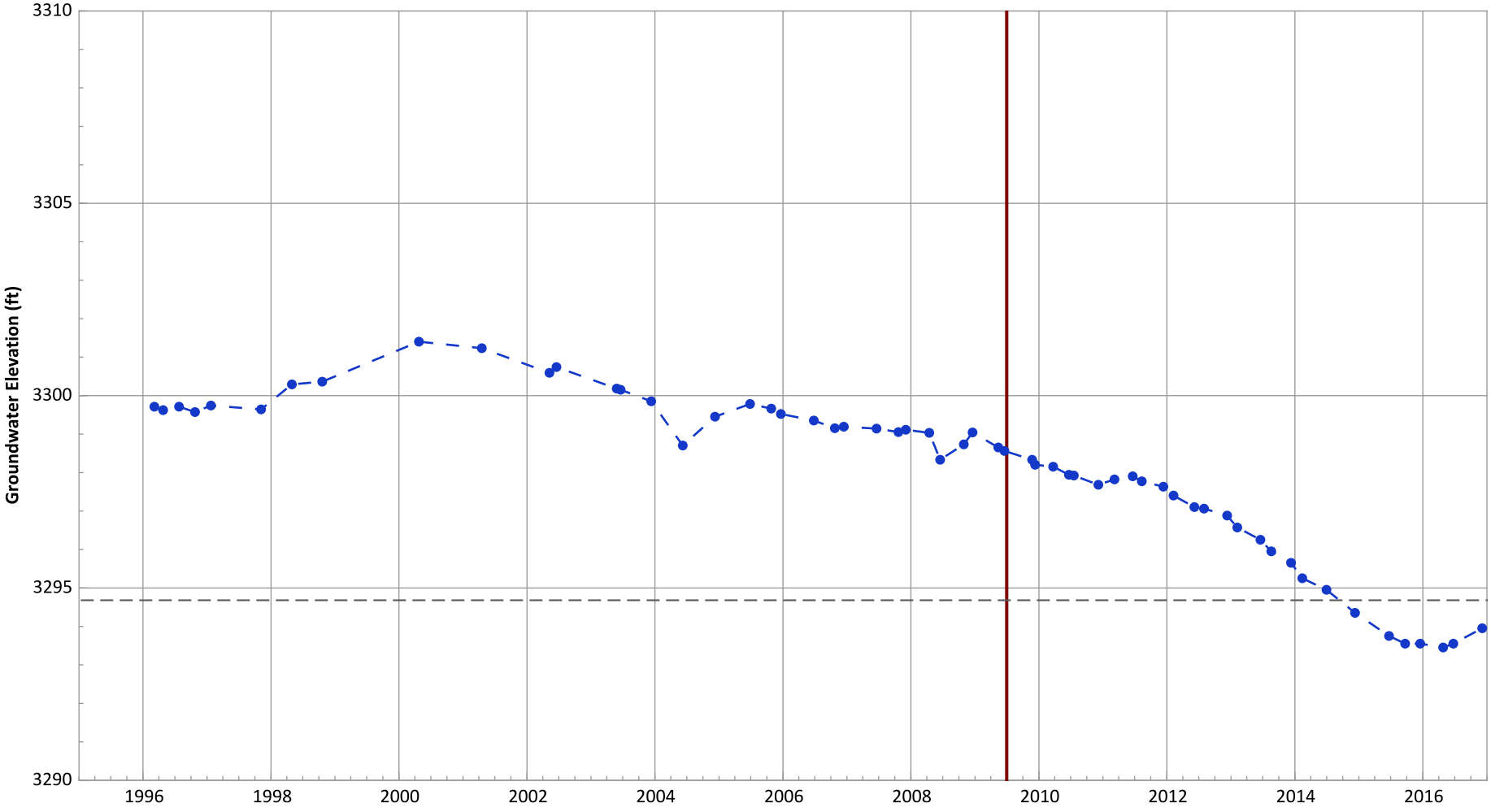
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.95 ft/yr
2014 - 2016 Data: Decreasing at 1.46 ft/yr

PTX07-1O01 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

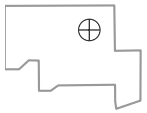


Notes:
1. Top of screen elevation is 3314.68 ft msl.
2. The bottom of screen elevation is 3294.68 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

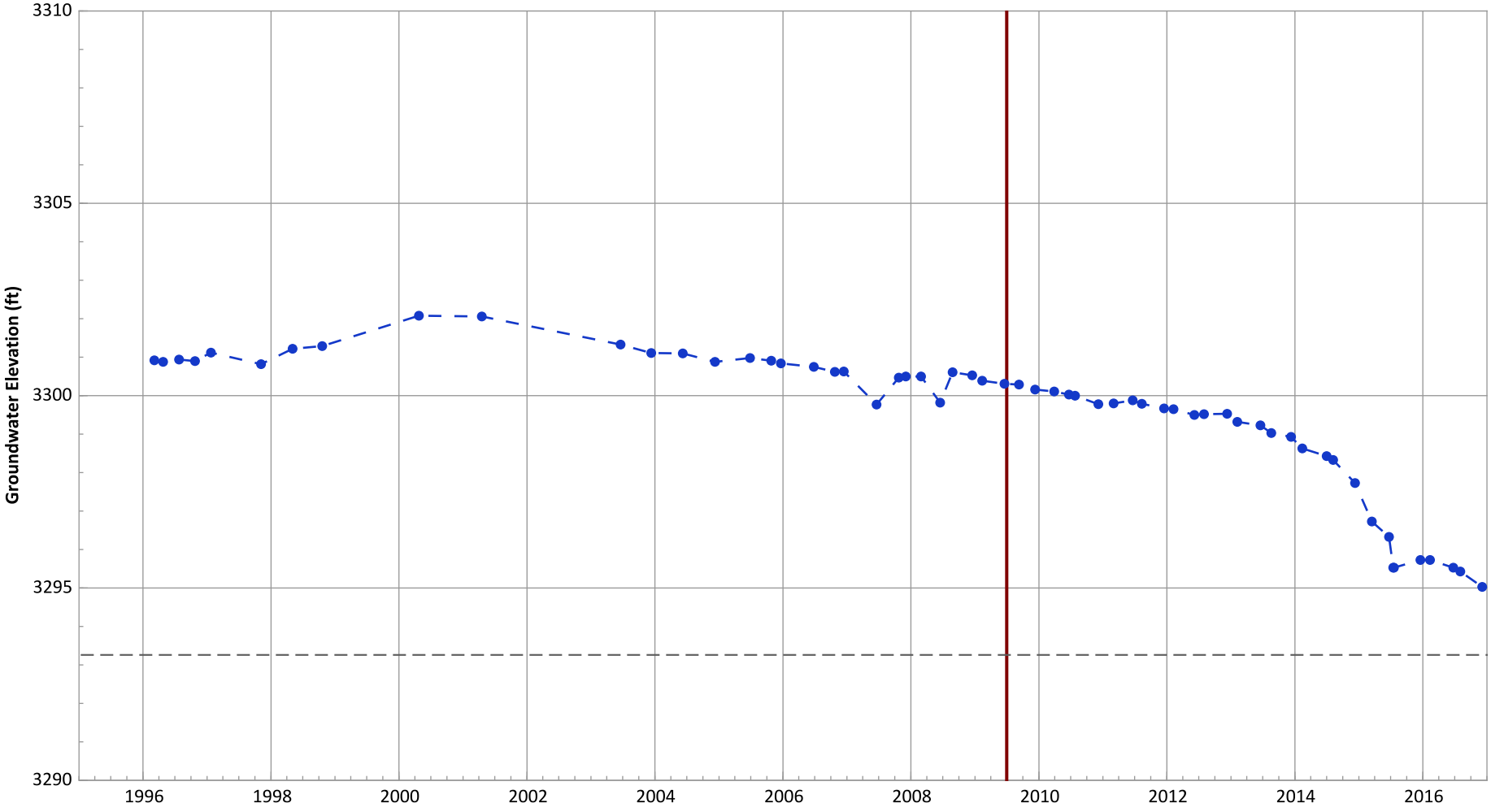
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.79 ft/yr
2014 - 2016 Data: Increasing at 0.11 ft/yr

PTX07-1O02 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

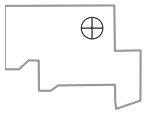


Notes:
1. Top of screen elevation is 3318.26 ft msl.
2. The bottom of screen elevation is 3293.26 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

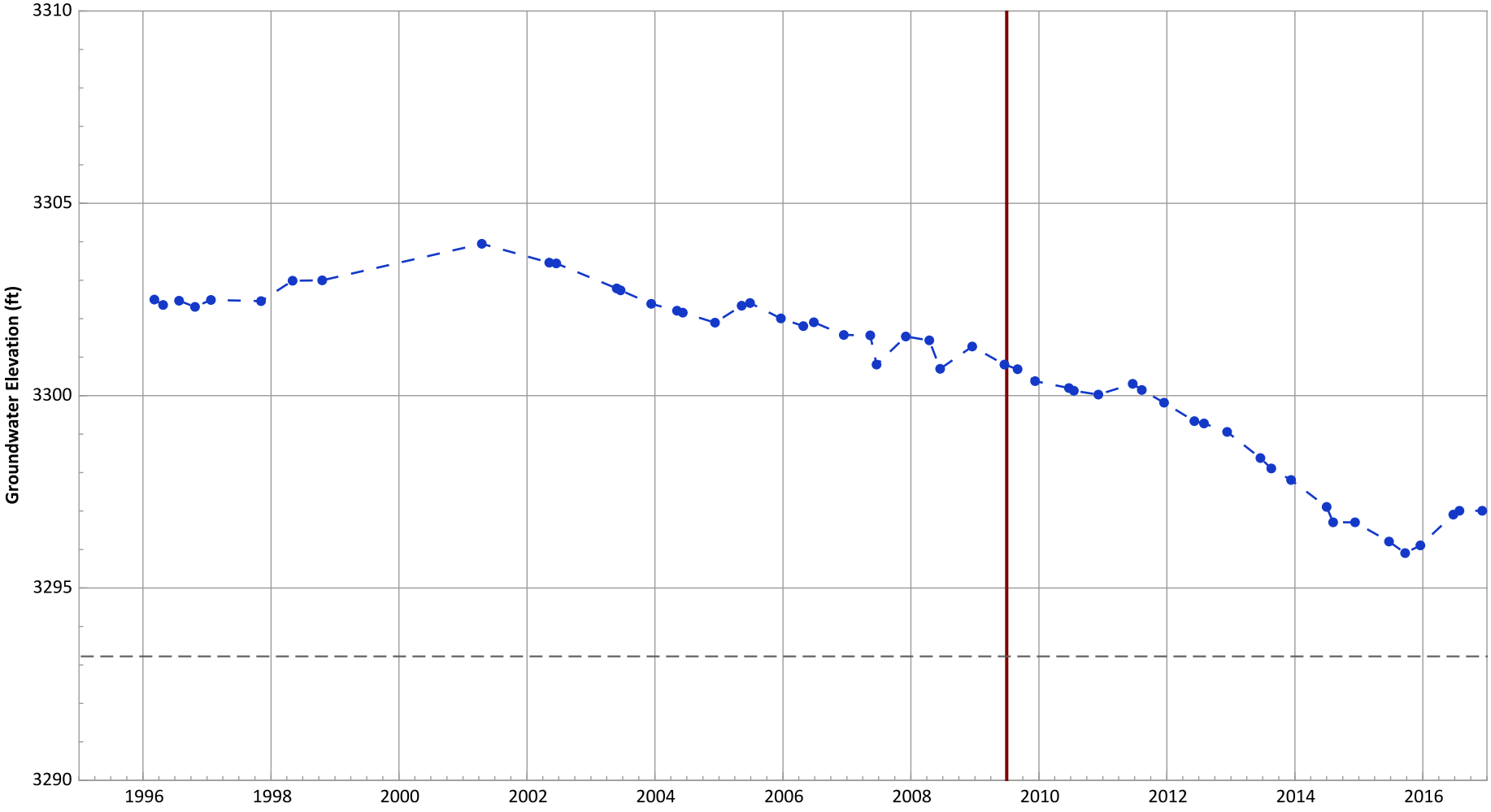
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.76 ft/yr
2014 - 2016 Data: Decreasing at 0.67 ft/yr

PTX07-1O03 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

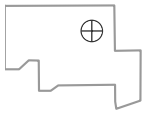


Notes:
1. Top of screen elevation is 3318.22 ft msl.
2. The bottom of screen elevation is 3293.22 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

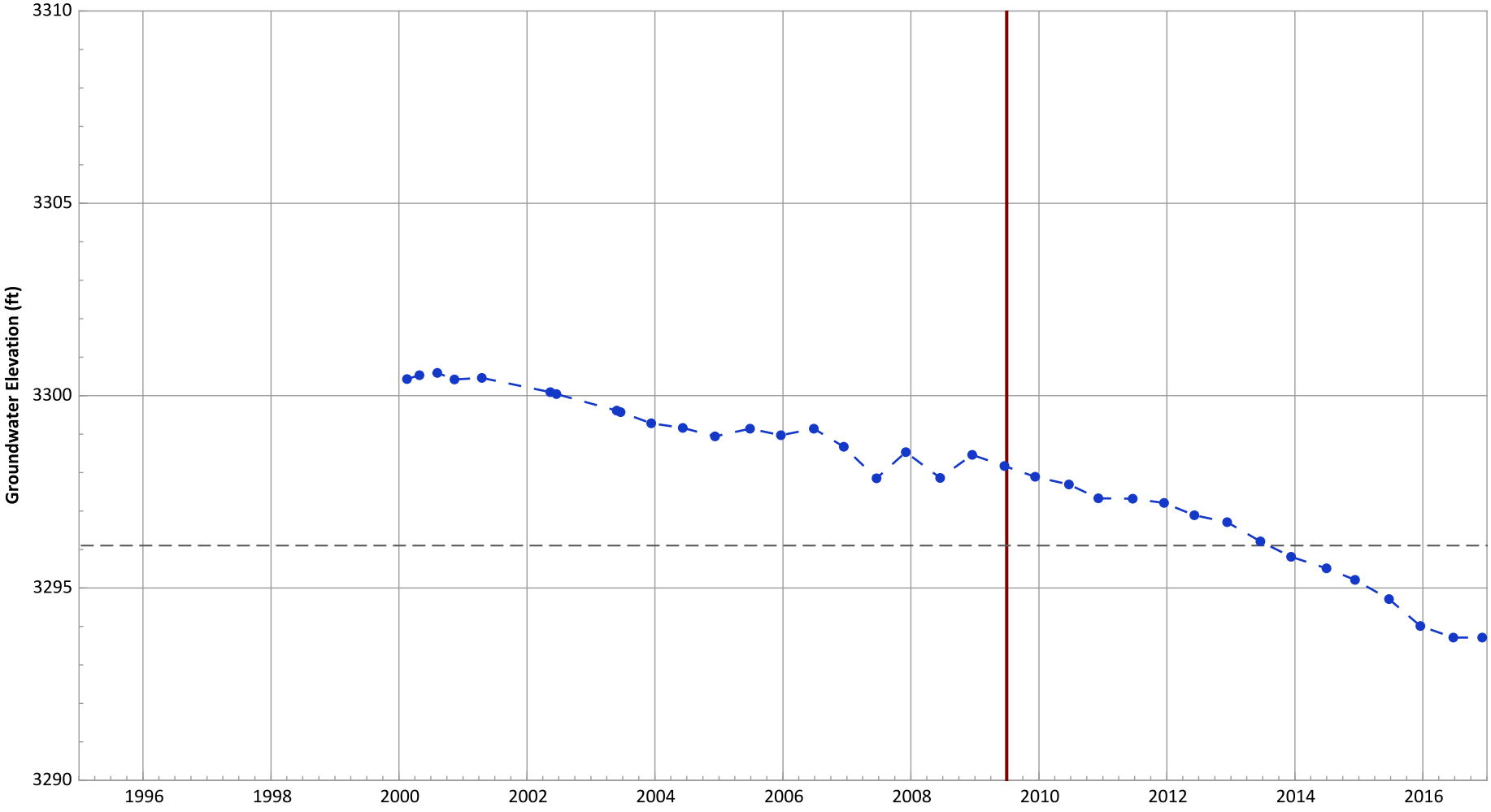
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.68 ft/yr
2014 - 2016 Data: Increasing at 0.81 ft/yr

PTX07-1O04 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

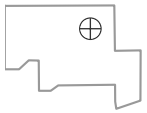


Notes:
1. Top of screen elevation is 3336.1 ft msl.
2. The bottom of screen elevation is 3296.1 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

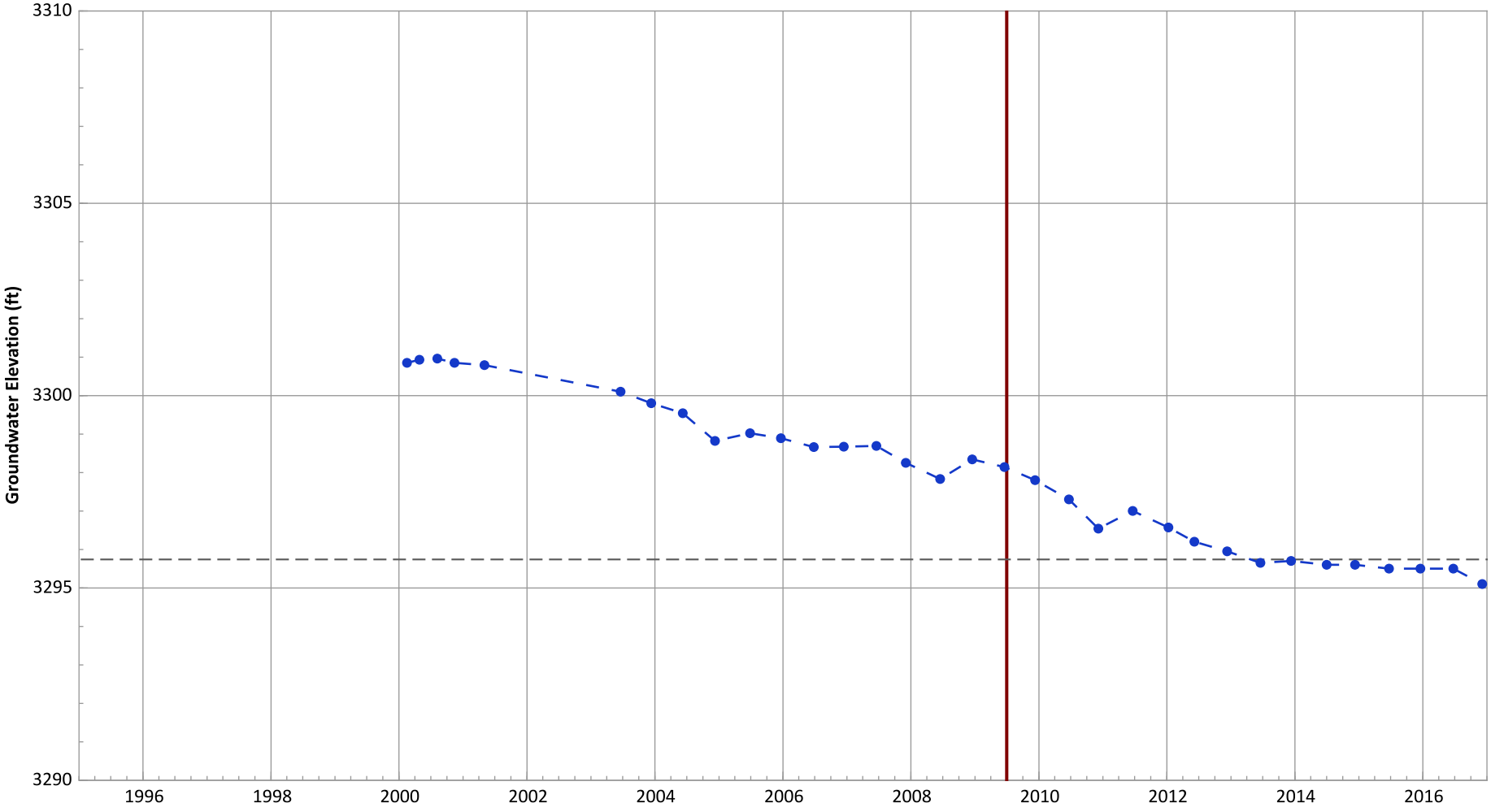
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.64 ft/yr
2014 - 2016 Data: Decreasing at 0.68 ft/yr

PTX07-1O05 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

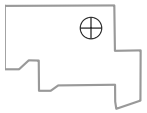


Notes:
1. Top of screen elevation is 3335.74 ft msl.
2. The bottom of screen elevation is 3295.74 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

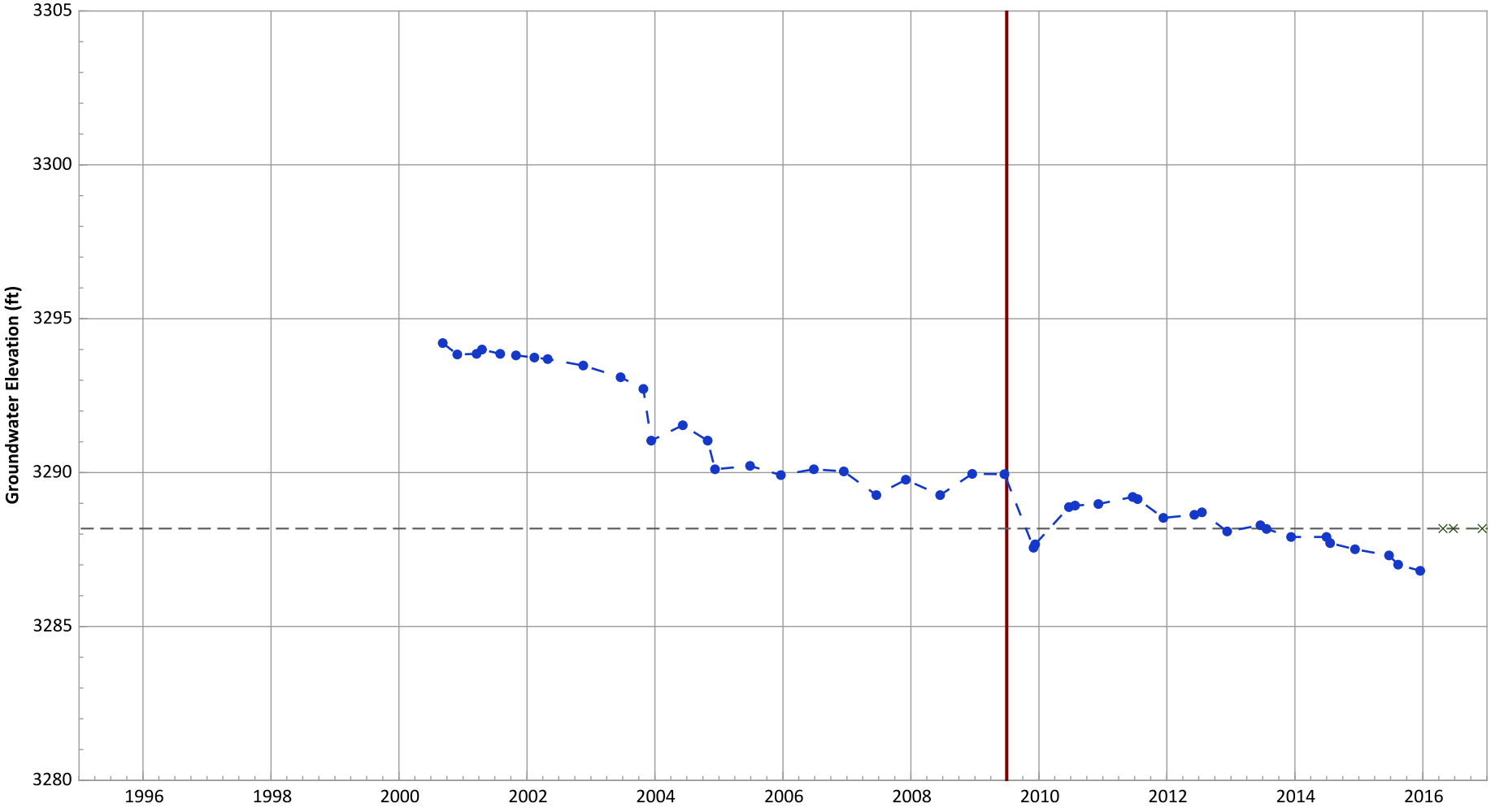
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.32 ft/yr
2014 - 2016 Data: Decreasing at 0.24 ft/yr

PTX07-1O06 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

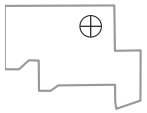


Notes:
1. Top of screen elevation is 3308.18 ft msl.
2. The bottom of screen elevation is 3288.18 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

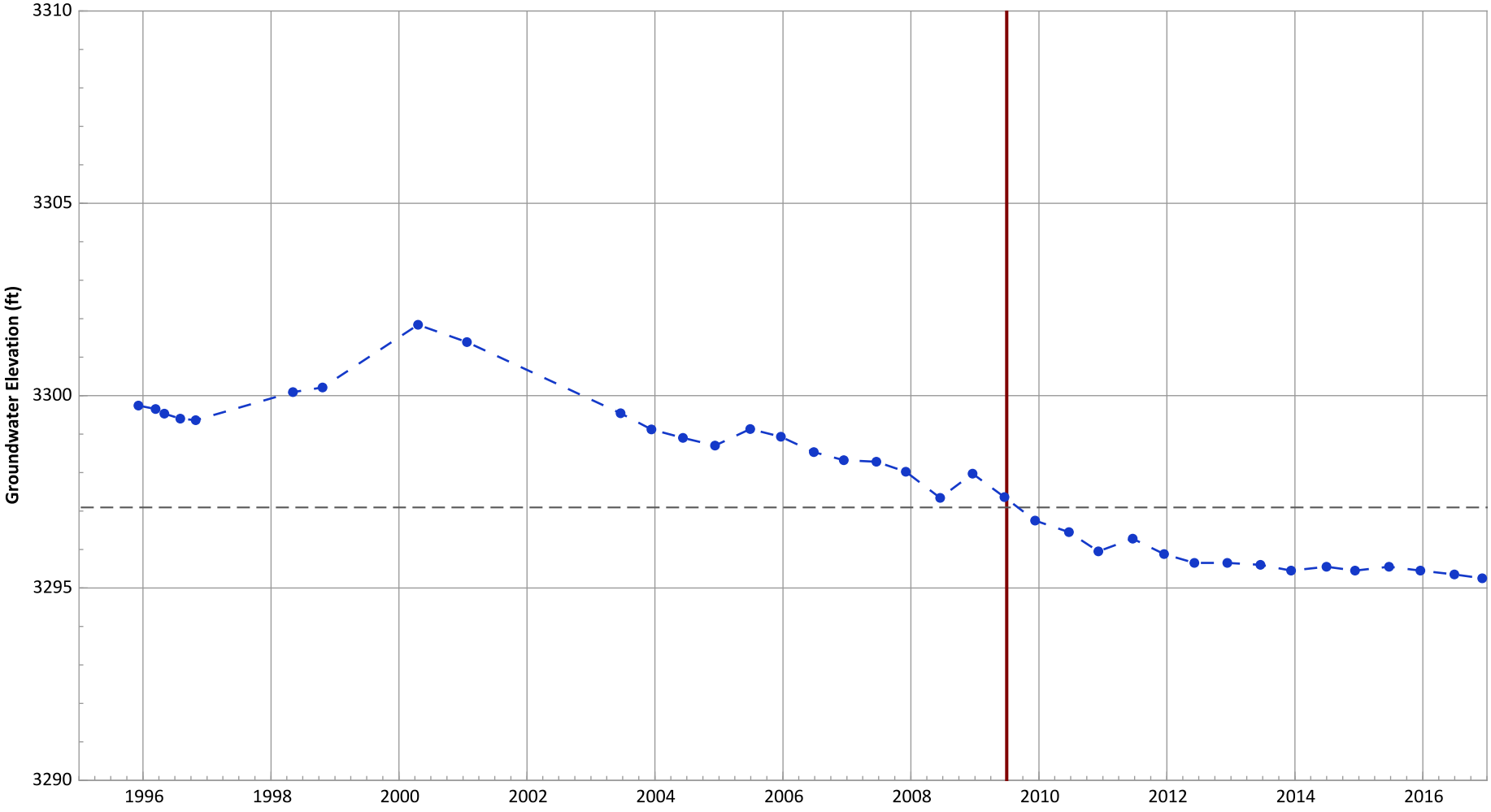
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.24 ft/yr
2014 - 2016 Data: Decreasing at 0.94 ft/yr

PTX07-1P01 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

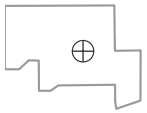


Notes:
1. Top of screen elevation is 3312.09 ft msl.
2. The bottom of screen elevation is 3297.09 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

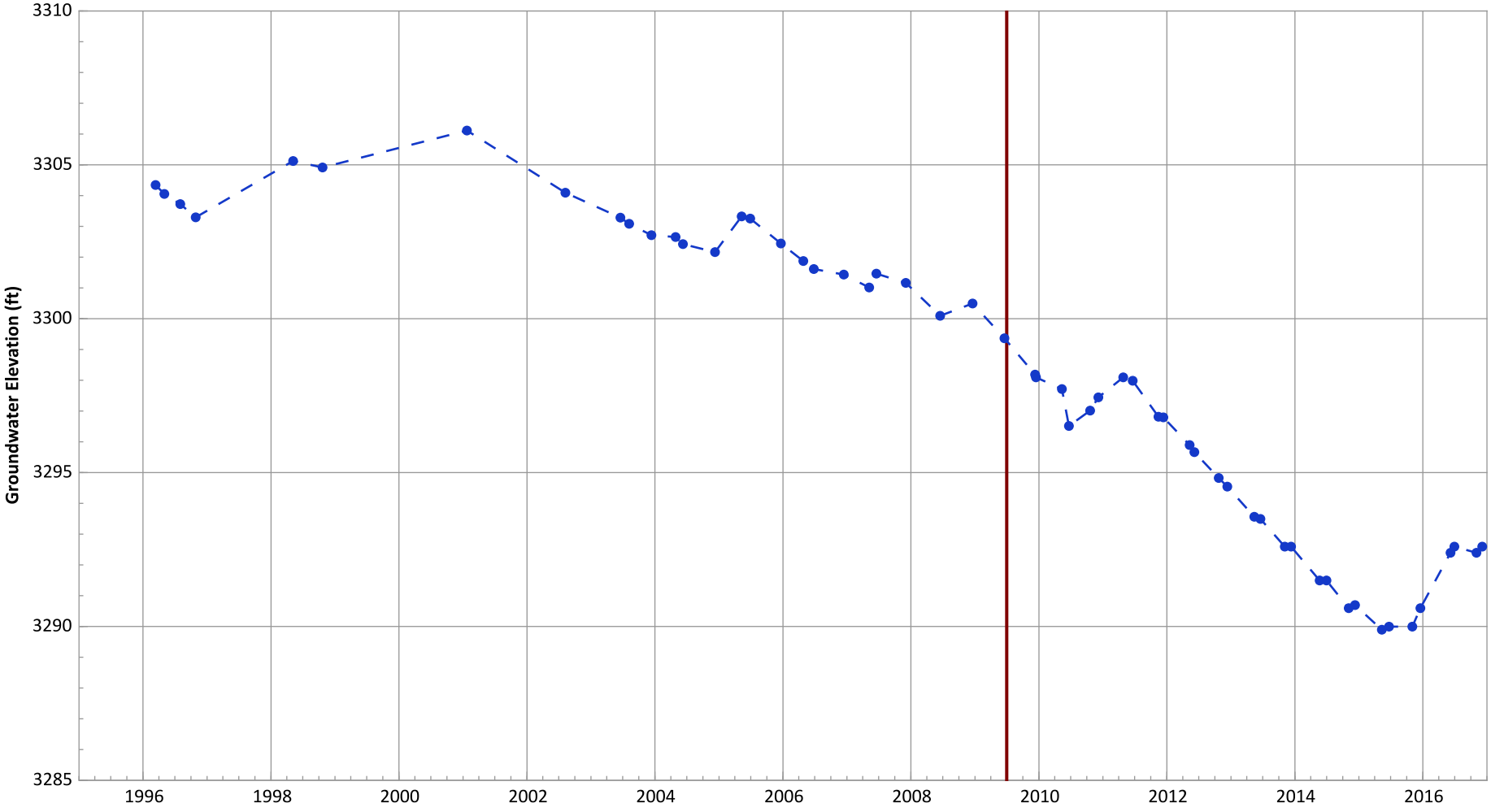
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.17 ft/yr
2014 - 2016 Data: Decreasing at 0.2 ft/yr

PTX07-1P02 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

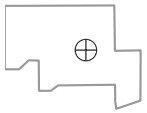


Notes:
1. Top of screen elevation is 3308.46 ft msl.
2. The bottom of screen elevation is 3283.46 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

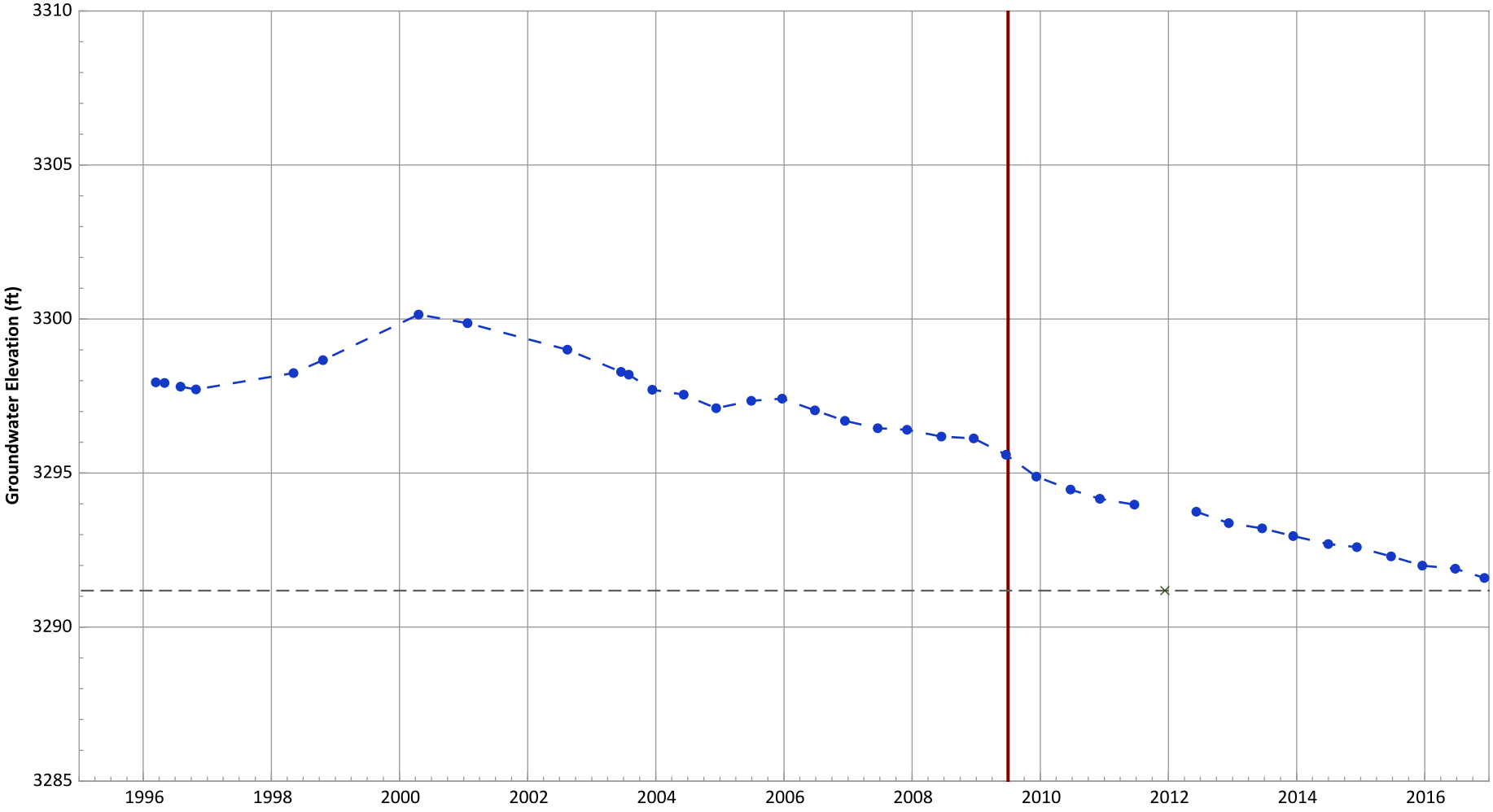
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.16 ft/yr
2014 - 2016 Data: Increasing at 2.02 ft/yr

PTX07-1P03 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

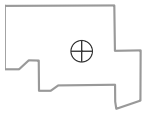


Notes:
1. Top of screen elevation is 3311.18 ft msl.
2. The bottom of screen elevation is 3291.18 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

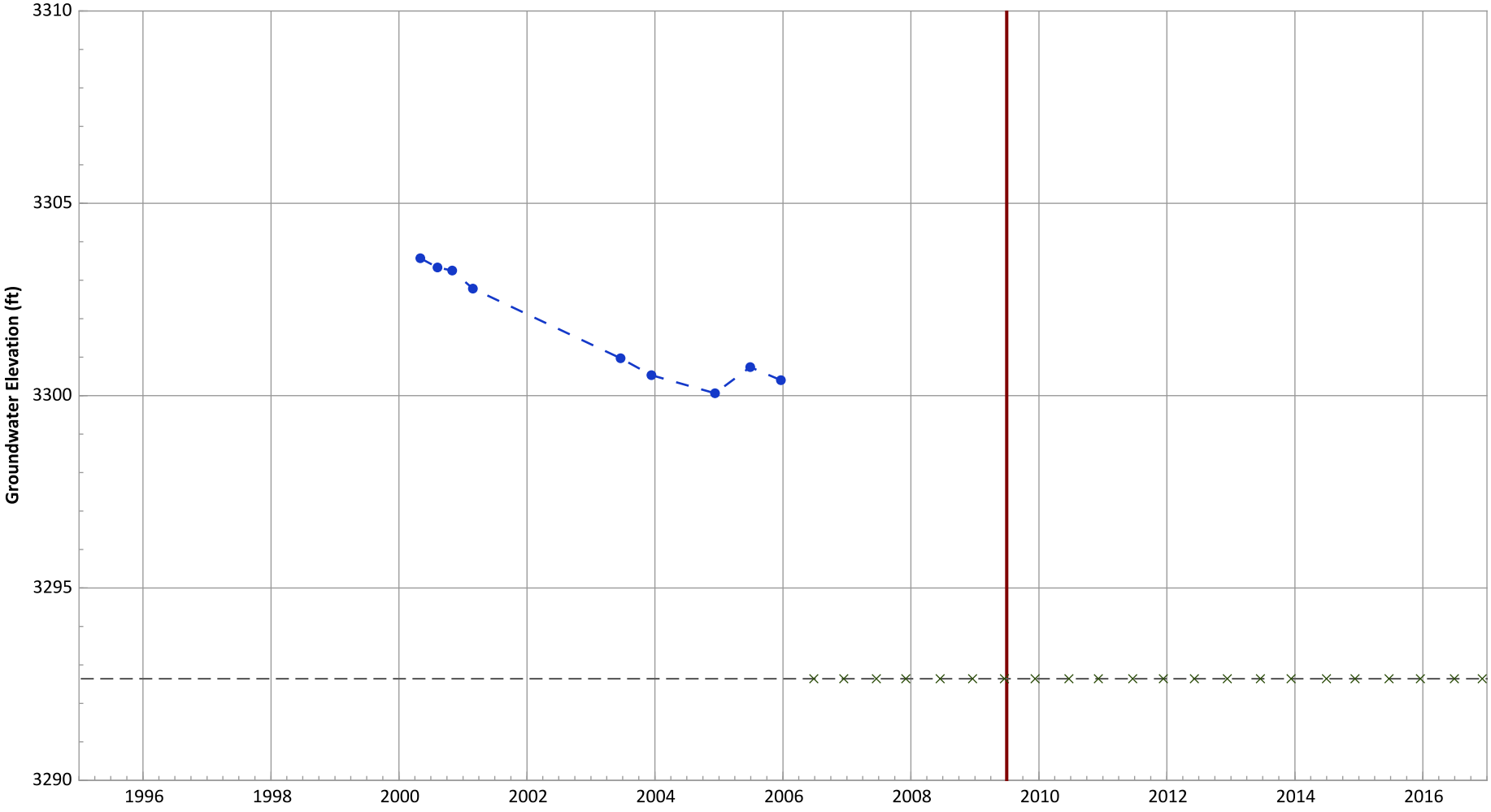
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.44 ft/yr
2014 - 2016 Data: Decreasing at 0.45 ft/yr

PTX07-1P04 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

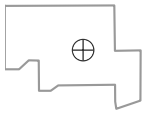


Notes:
1. Top of screen elevation is 3332.64 ft msl.
2. The bottom of screen elevation is 3292.64 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

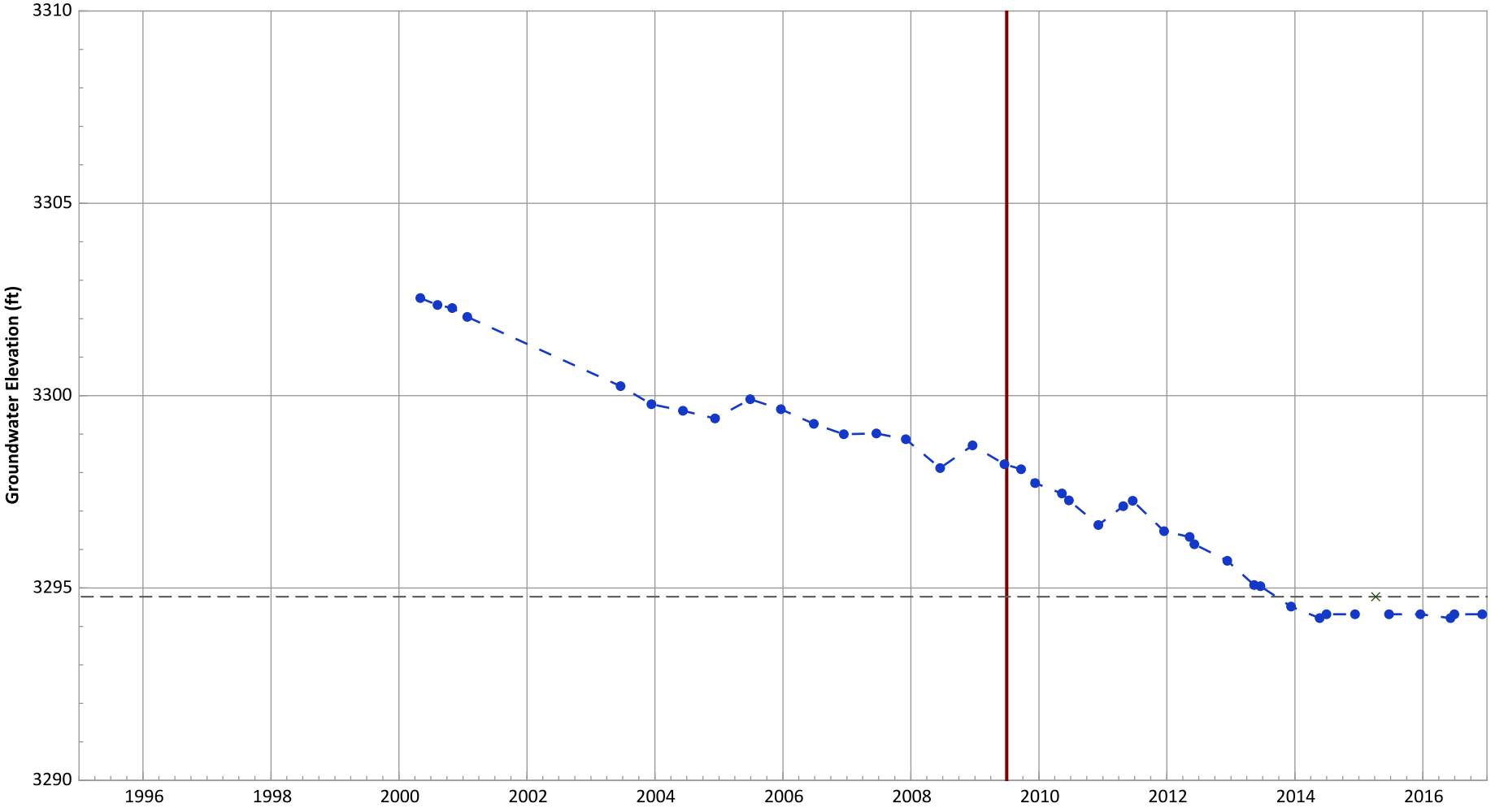
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): N/A (No Measurements)
2014 - 2016 Data: N/A (No Measurements)

PTX07-1P05 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

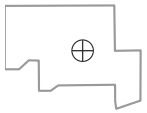


Notes:
1. Top of screen elevation is 3334.77 ft msl.
2. The bottom of screen elevation is 3294.77 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

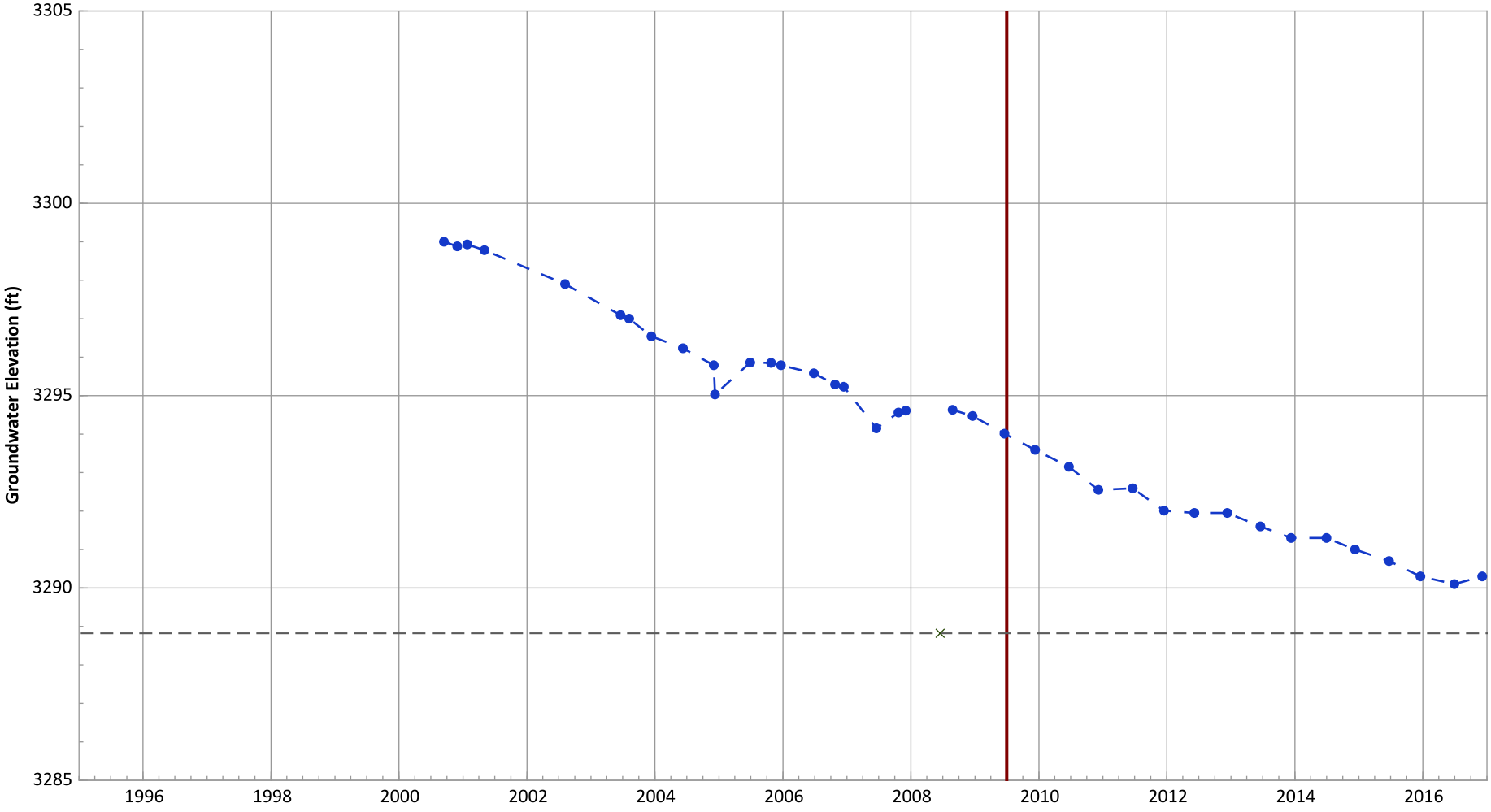
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.58 ft/yr
2014 - 2016 Data: No Trend

PTX07-1P06 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

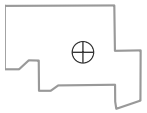


Notes:
1. Top of screen elevation is 3308.82 ft msl.
2. The bottom of screen elevation is 3288.82 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

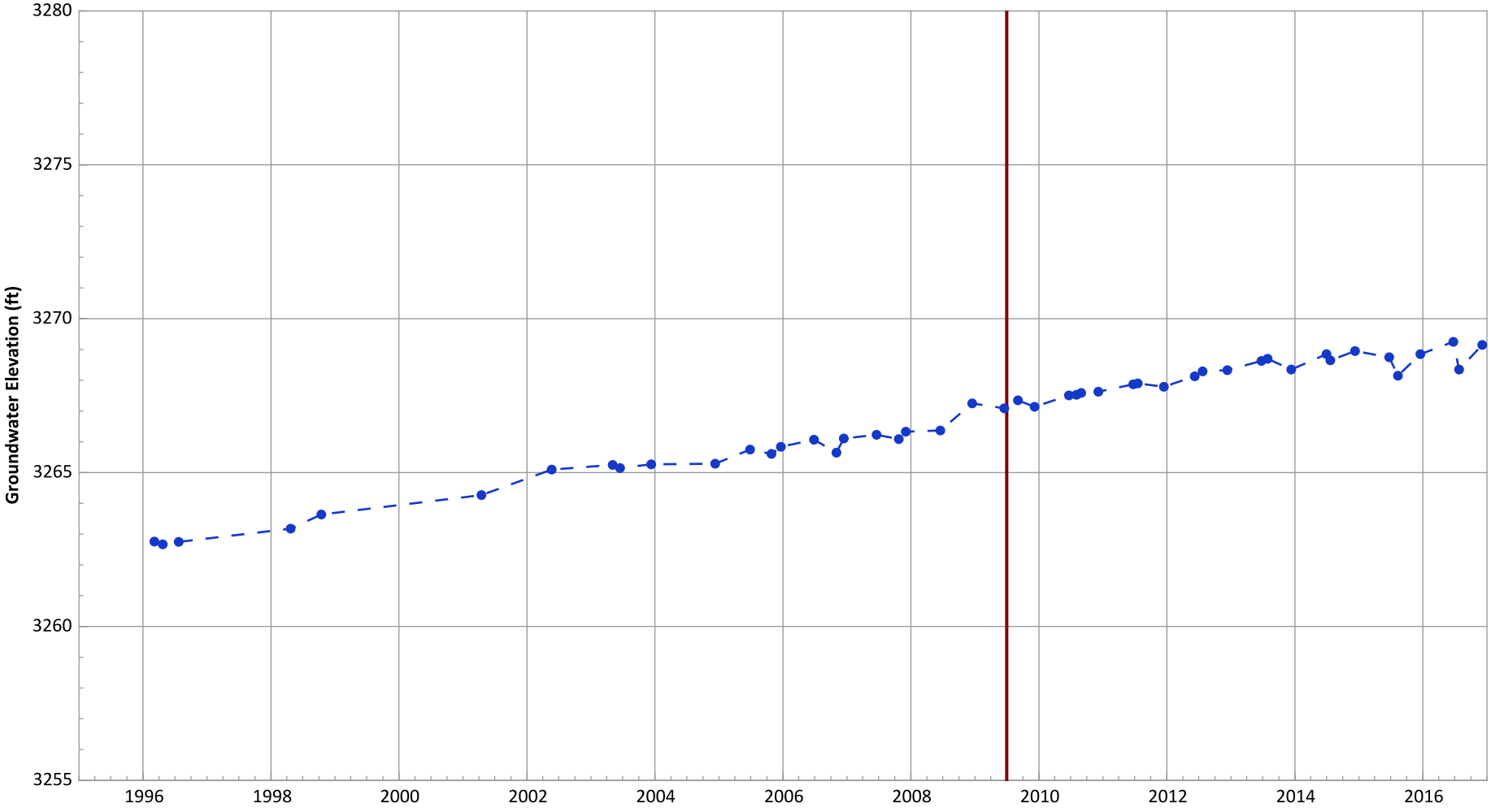
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.46 ft/yr
2014 - 2016 Data: Decreasing at 0.29 ft/yr

PTX07-1Q01 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

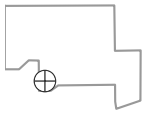


Notes:
1. Top of screen elevation is 3274.86 ft msl.
2. The bottom of screen elevation is 3249.86 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

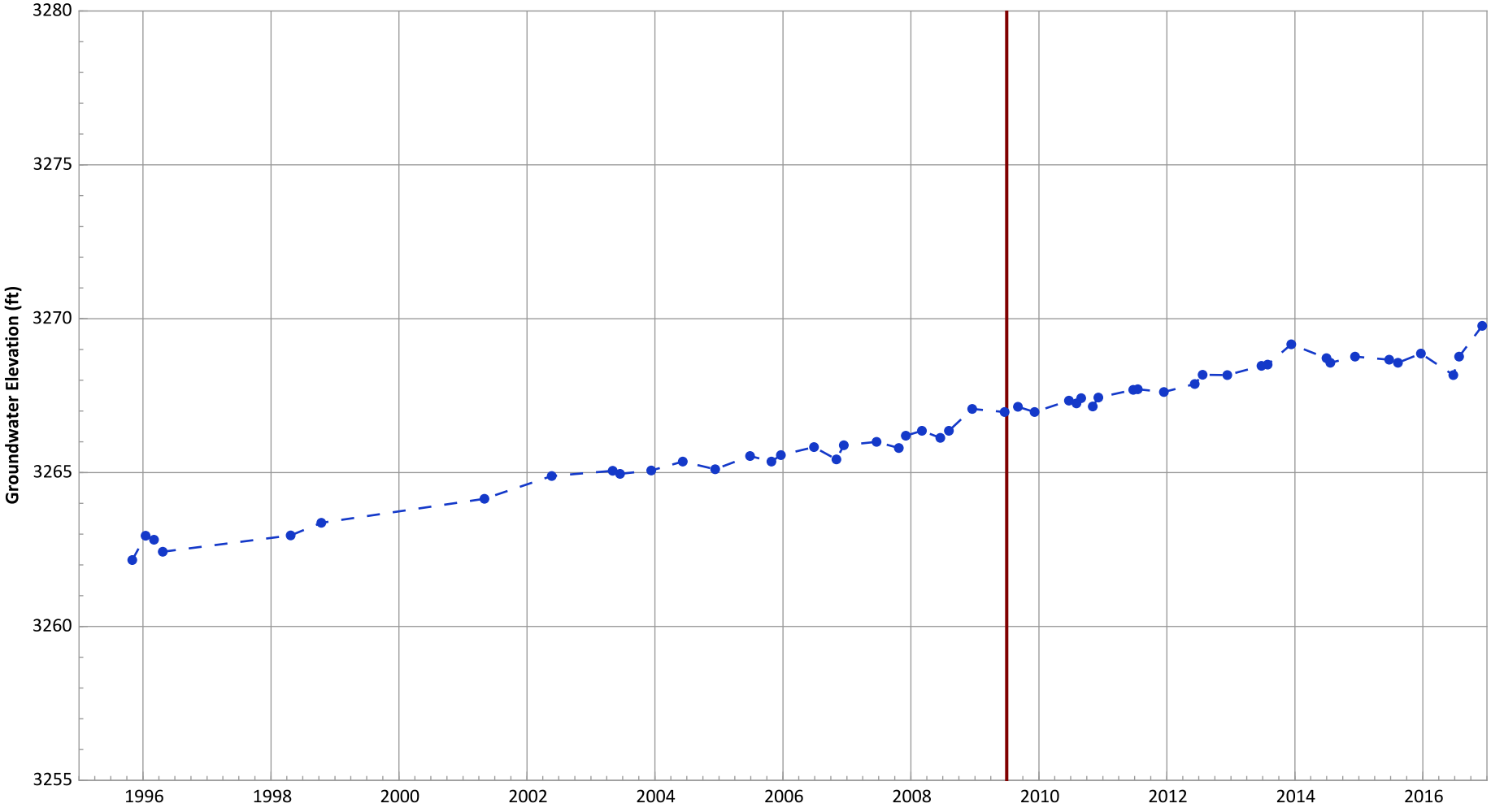
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.24 ft/yr
2014 - 2016 Data: Increasing at 0.37 ft/yr

PTX07-1Q02 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



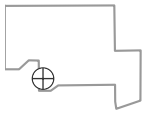
Notes:
1. Top of screen elevation is 3267.94 ft msl.
2. The bottom of screen elevation is 3237.94 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

Groundwater Elevation

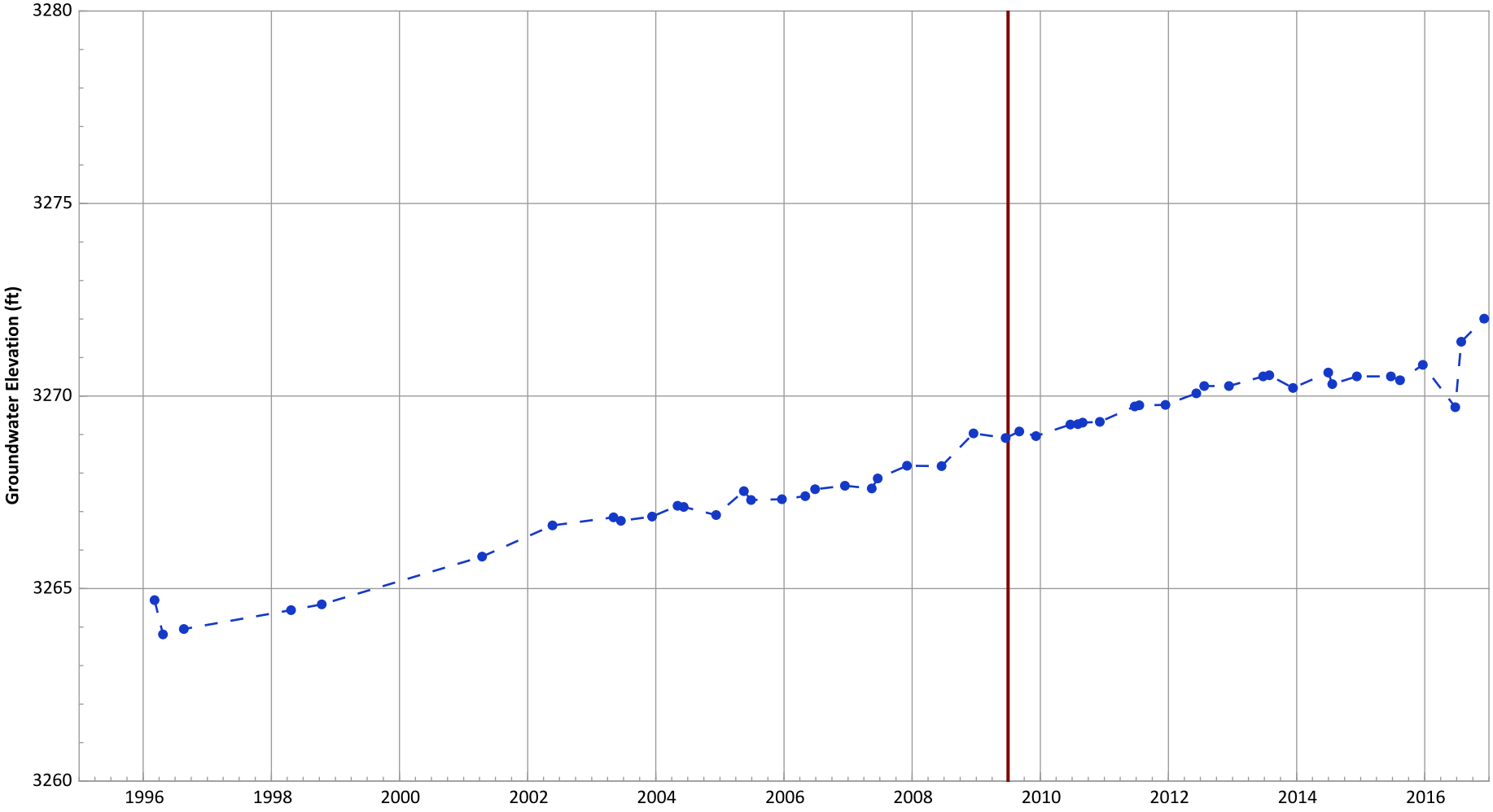
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.29 ft/yr
2014 - 2016 Data: Increasing at 0.44 ft/yr

PTX07-1Q03 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

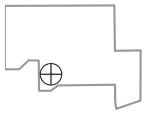


Notes:
1. Top of screen elevation is 3278.29 ft msl.
2. The bottom of screen elevation is 3228.29 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

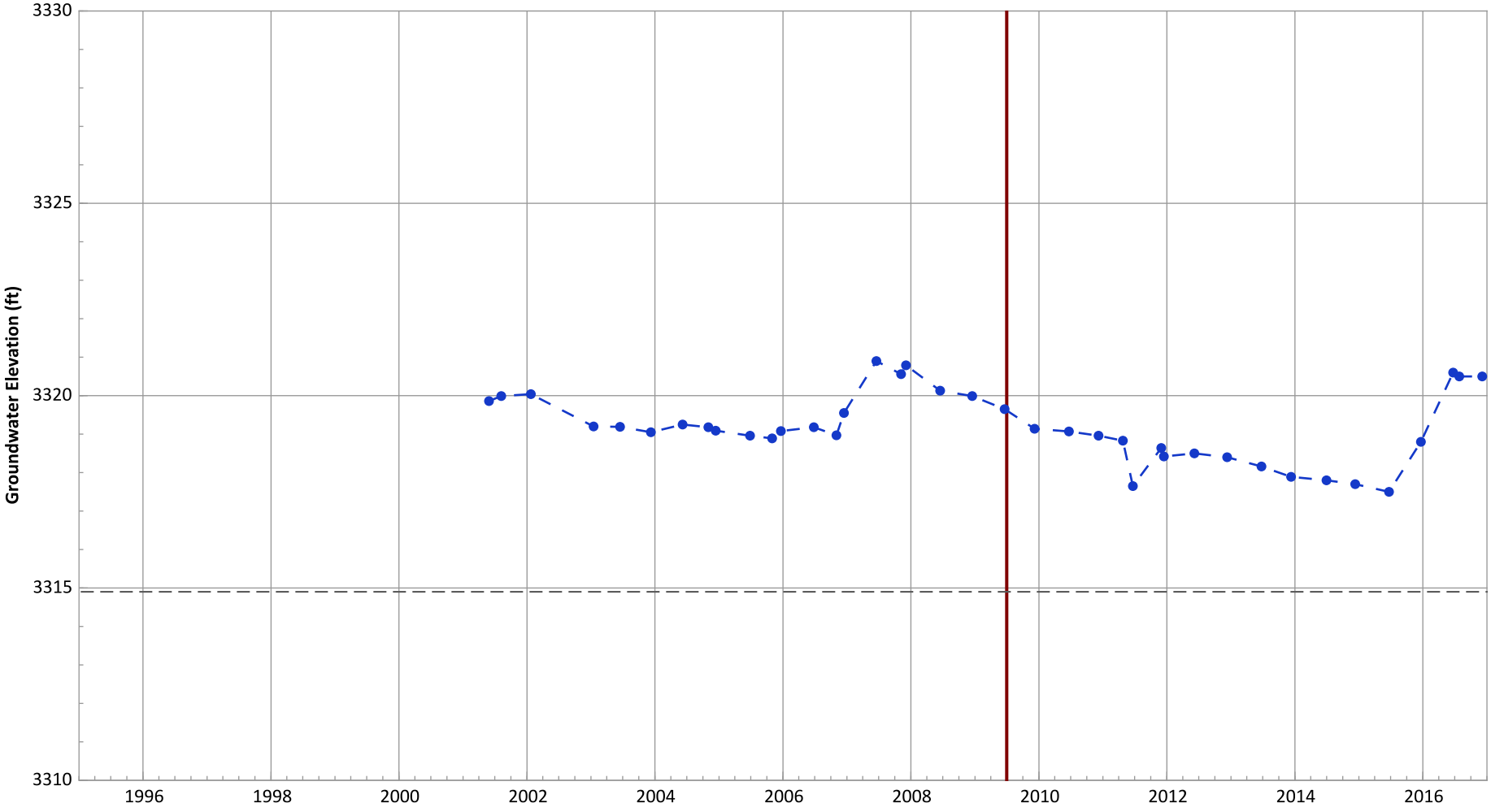
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.28 ft/yr
2014 - 2016 Data: Increasing at 0.75 ft/yr

PTX07-1R03 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

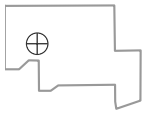


Notes:
1. Top of screen elevation is 3334.9 ft msl.
2. The bottom of screen elevation is 3314.9 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

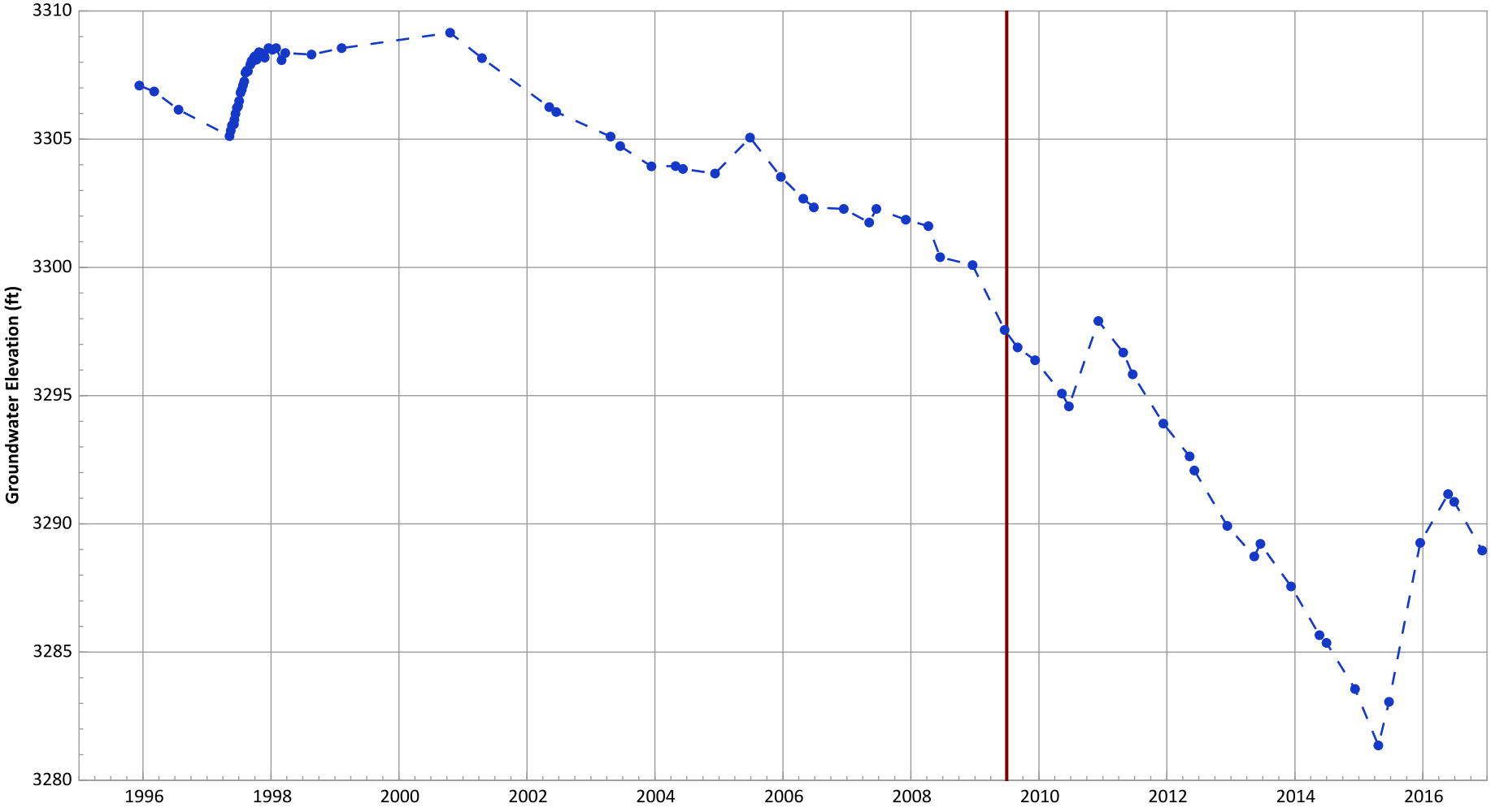
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.14 ft/yr
2014 - 2016 Data: Increasing at 2.31 ft/yr

PTX08-1001 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



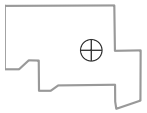
Notes:
1. Top of screen elevation is 3286.63 ft msl.
2. The bottom of screen elevation is 3241.63 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

Groundwater Elevation

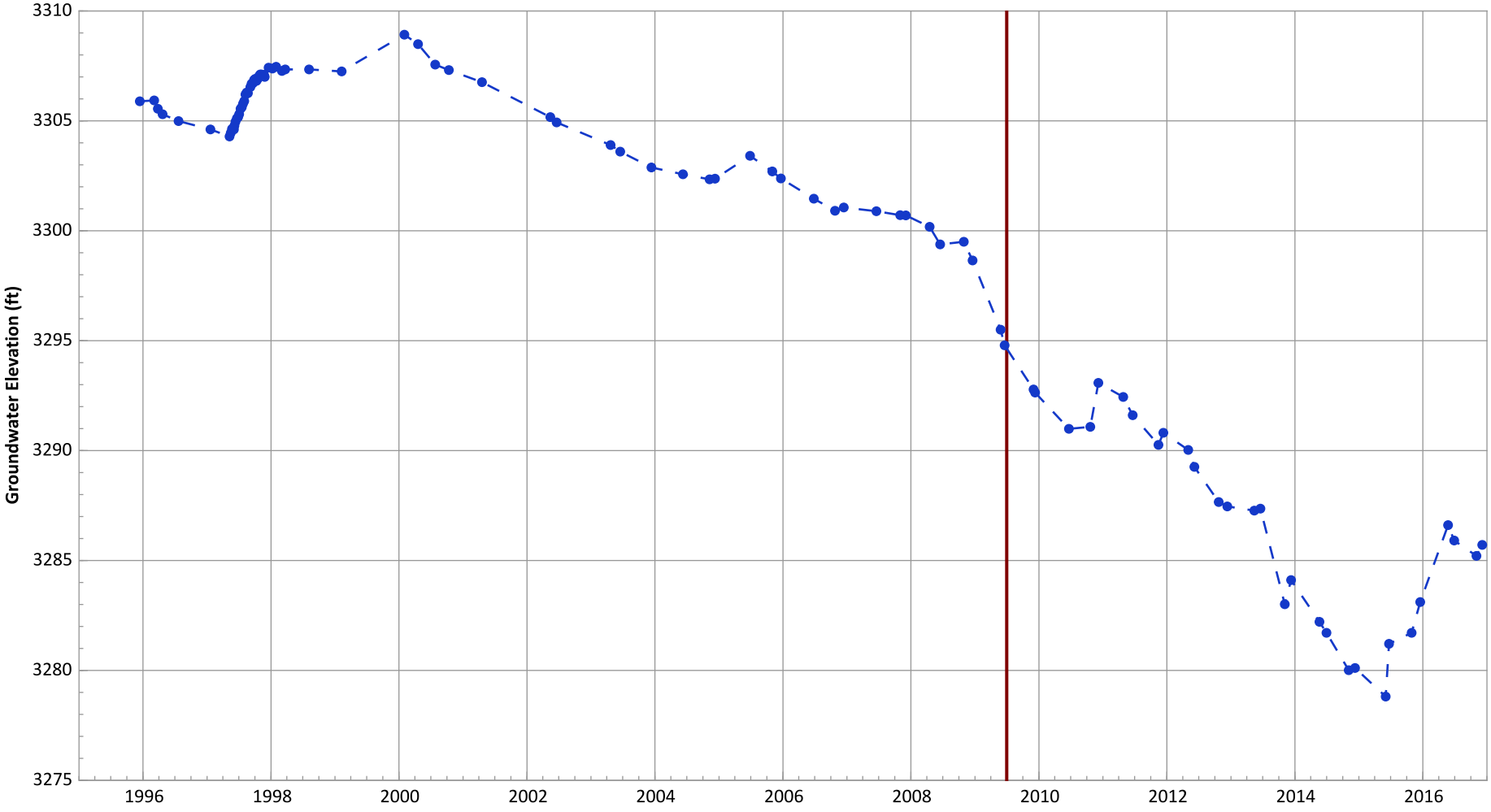
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.61 ft/yr
2014 - 2016 Data: Increasing at 5.59 ft/yr

PTX08-1002 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

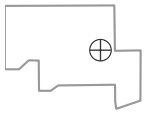


Notes:
1. Top of screen elevation is 3289.71 ft msl.
2. The bottom of screen elevation is 3254.71 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

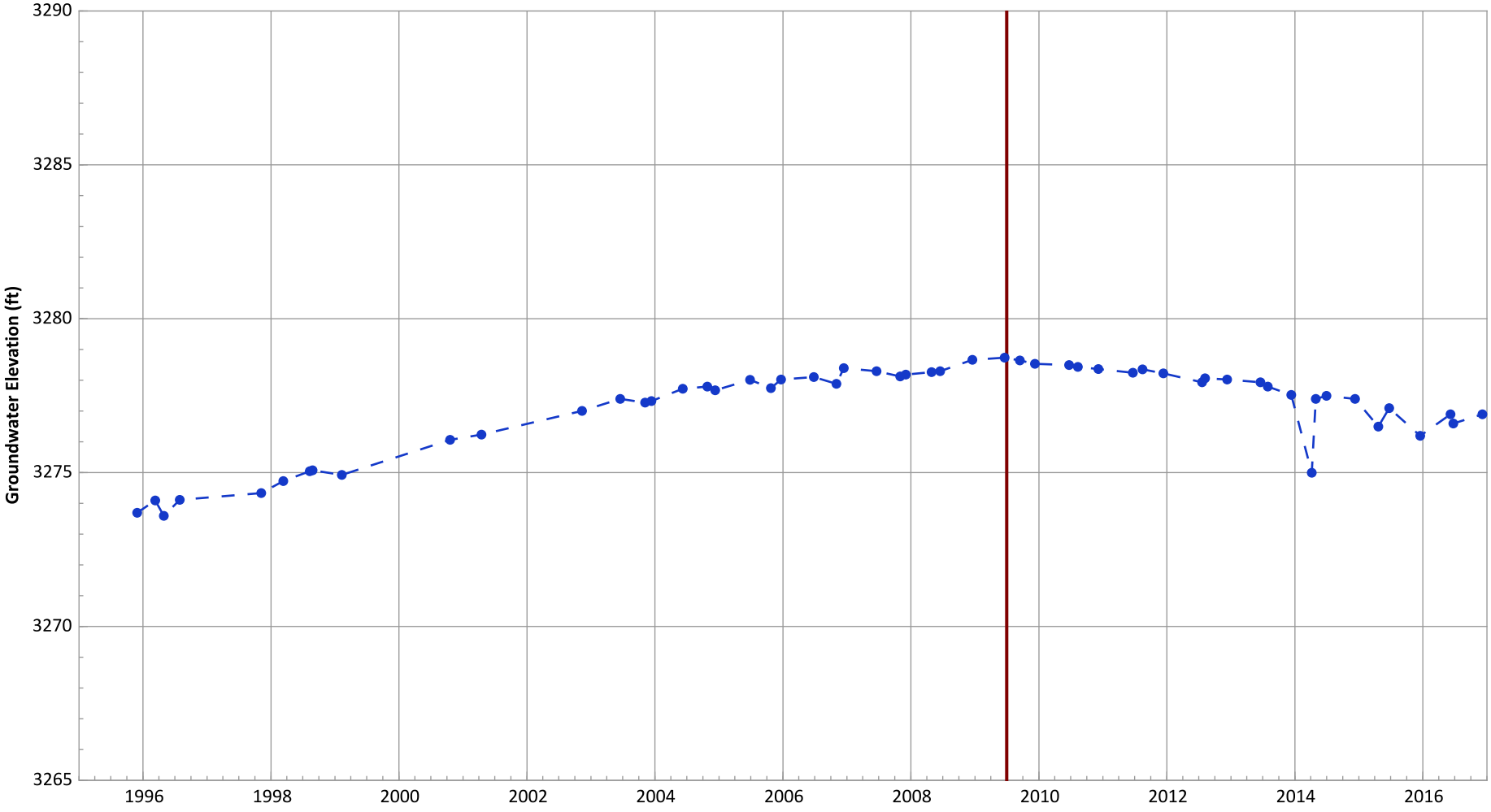
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.63 ft/yr
2014 - 2016 Data: Increasing at 4.23 ft/yr

PTX08-1003 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

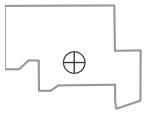


Notes:
1. Top of screen elevation is 3284.39 ft msl.
2. The bottom of screen elevation is 3254.39 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

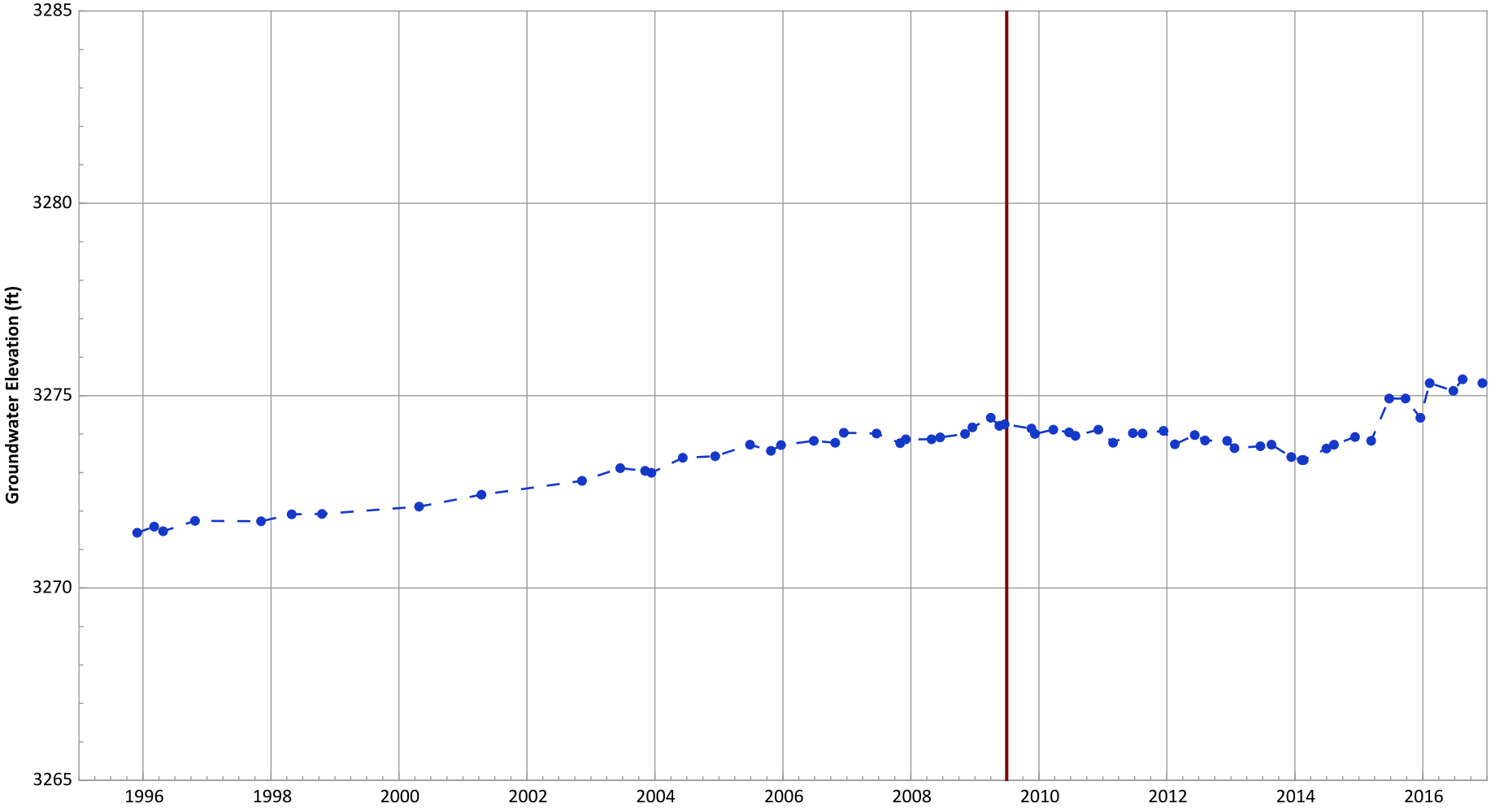
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.32 ft/yr
2014 - 2016 Data: No Trend

PTX08-1005 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

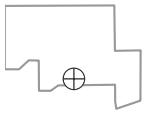


Notes:
1. Top of screen elevation is 3279.61 ft msl.
2. The bottom of screen elevation is 3259.61 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

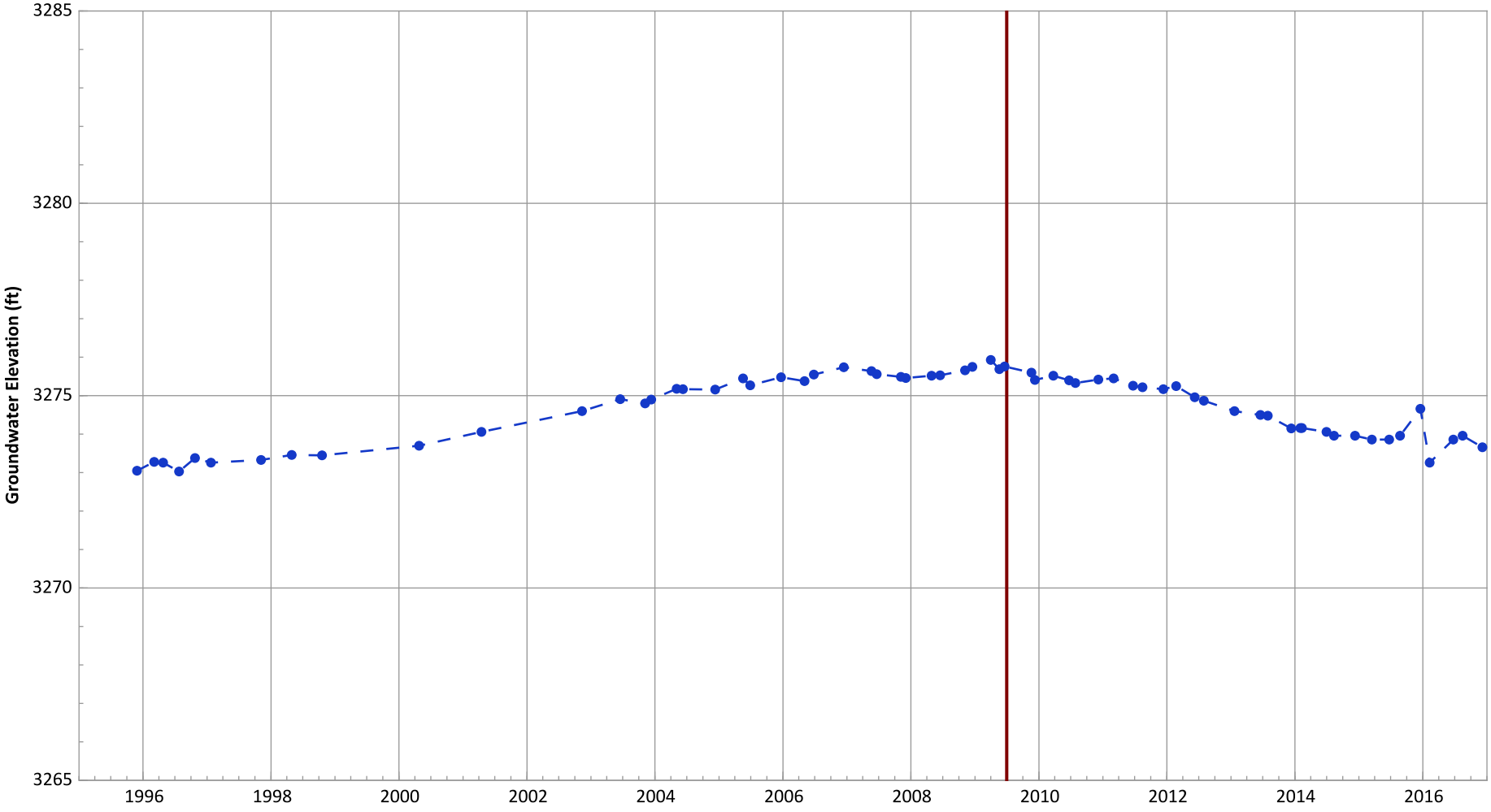
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.14 ft/yr
2014 - 2016 Data: Increasing at 0.7 ft/yr

PTX08-1006 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



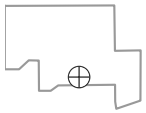
Notes:
1. Top of screen elevation is 3285.96 ft msl.
2. The bottom of screen elevation is 3240.96 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

Groundwater Elevation

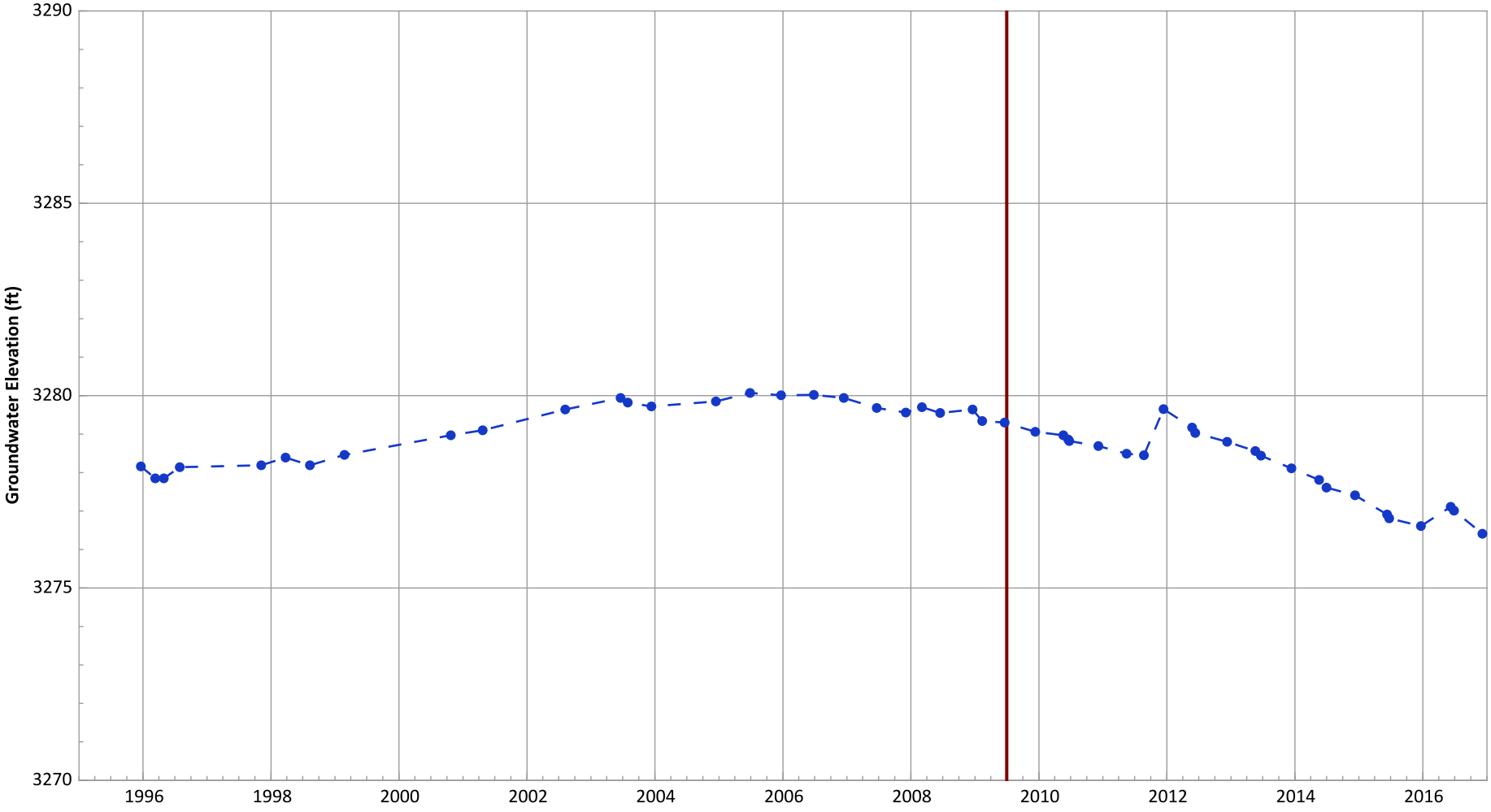
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.29 ft/yr
2014 - 2016 Data: Decreasing at 0.11 ft/yr

PTX08-1007 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

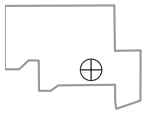


Notes:
1. Top of screen elevation is 3280.55 ft msl.
2. The bottom of screen elevation is 3245.55 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

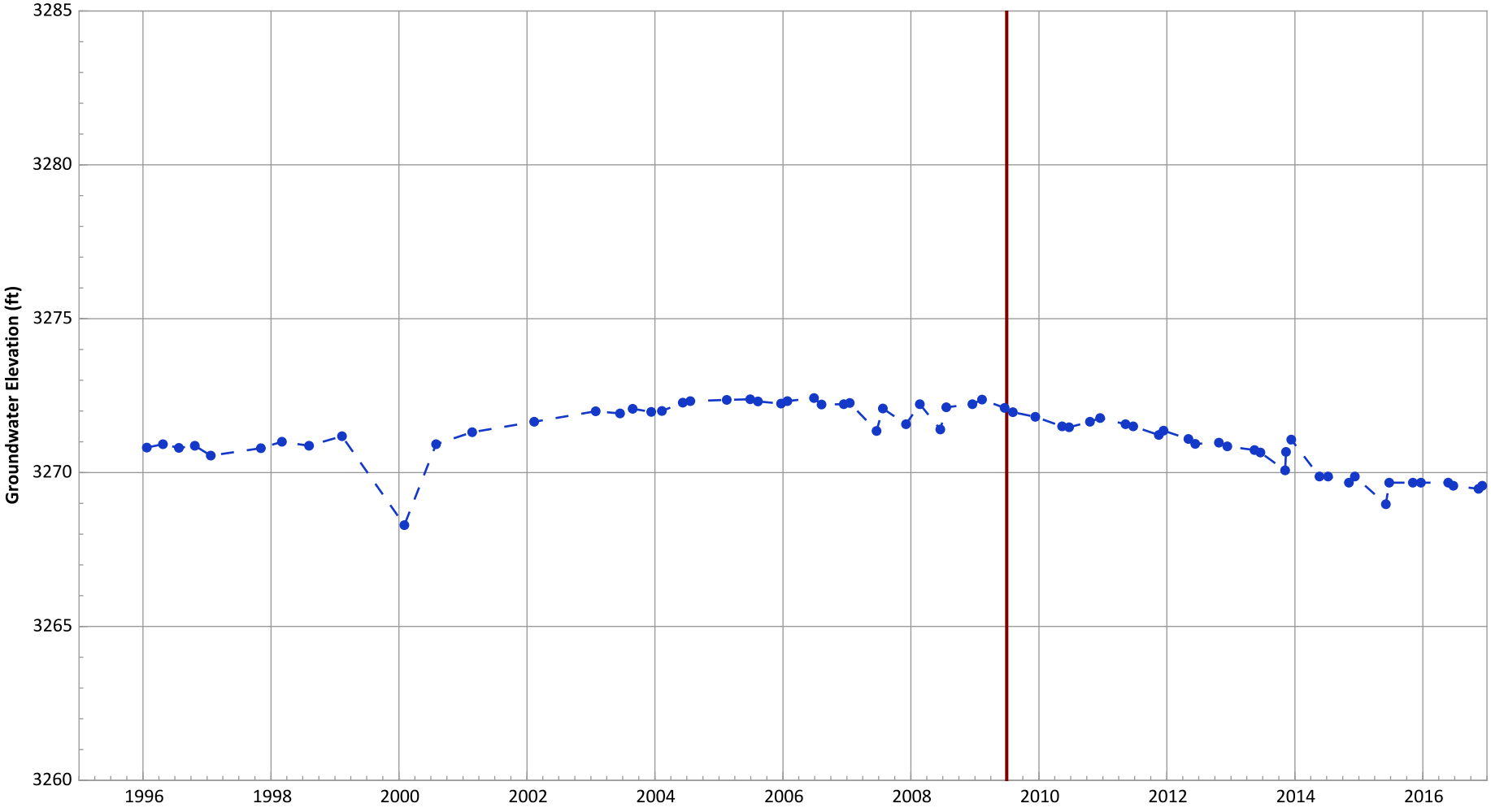
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.38 ft/yr
2014 - 2016 Data: Decreasing at 0.11 ft/yr

PTX08-1008 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

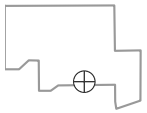


Notes:
1. Top of screen elevation is 3277.04 ft msl.
2. The bottom of screen elevation is 3247.04 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

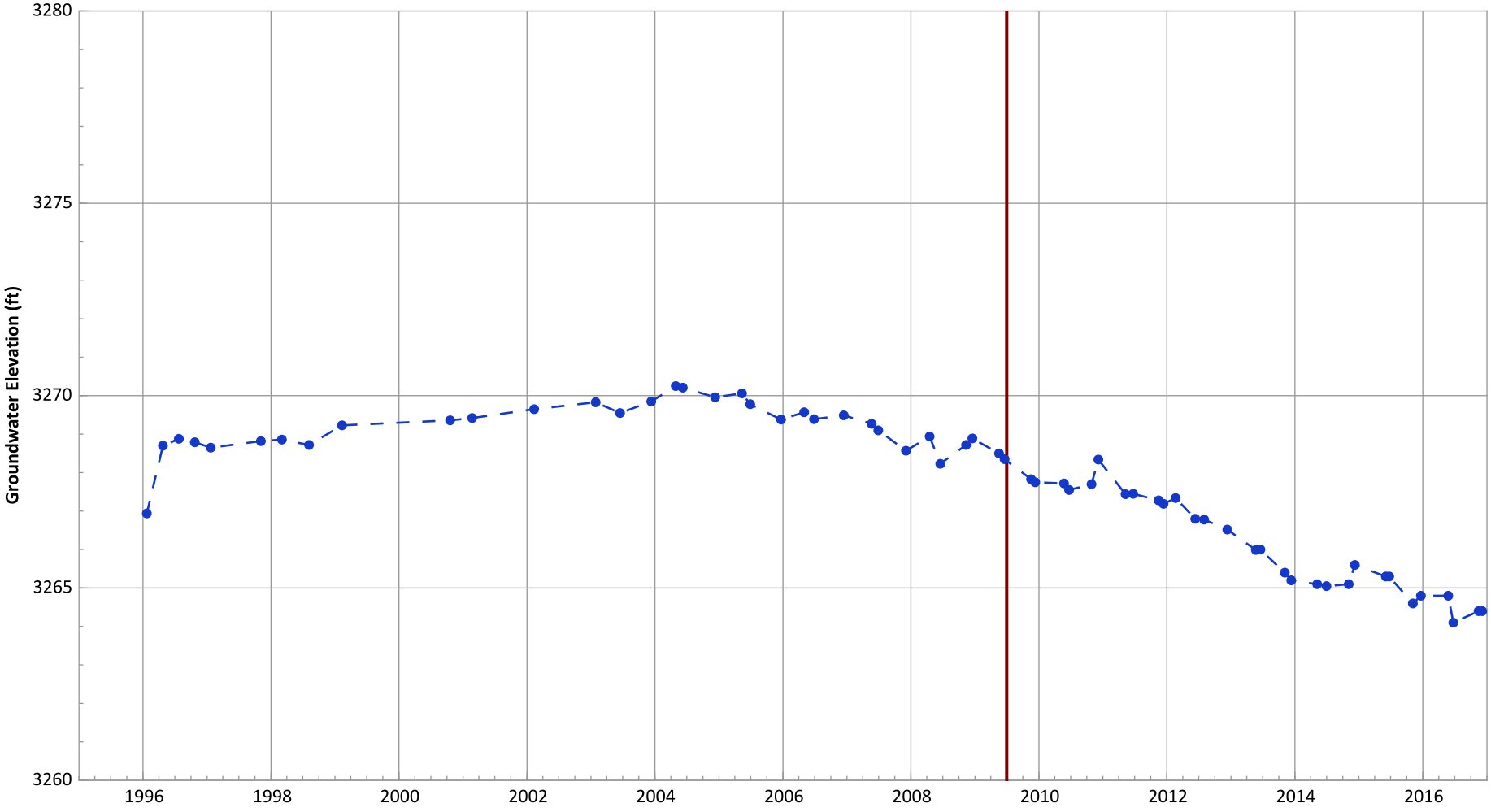
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.38 ft/yr
2014 - 2016 Data: Increasing at 0.12 ft/yr

PTX08-1009 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

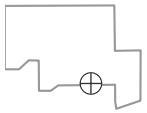


Notes:
1. Top of screen elevation is 3280.09 ft msl.
2. The bottom of screen elevation is 3250.09 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

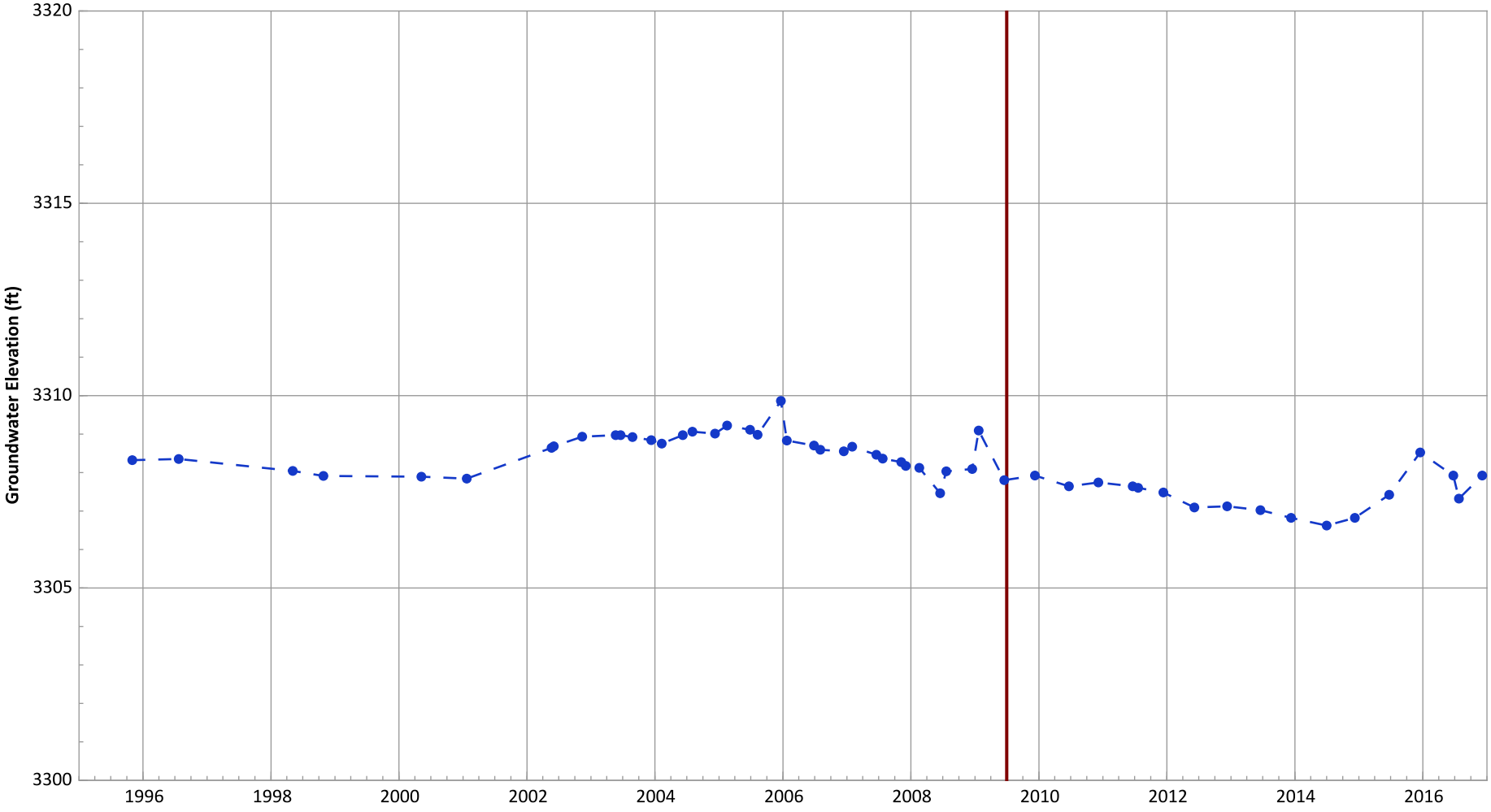
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.56 ft/yr
2014 - 2016 Data: Decreasing at 0.6 ft/yr

PTX08-1010 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

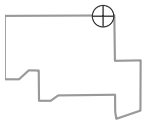


Notes:
1. Top of screen elevation is 3321.22 ft msl.
2. The bottom of screen elevation is 3286.22 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

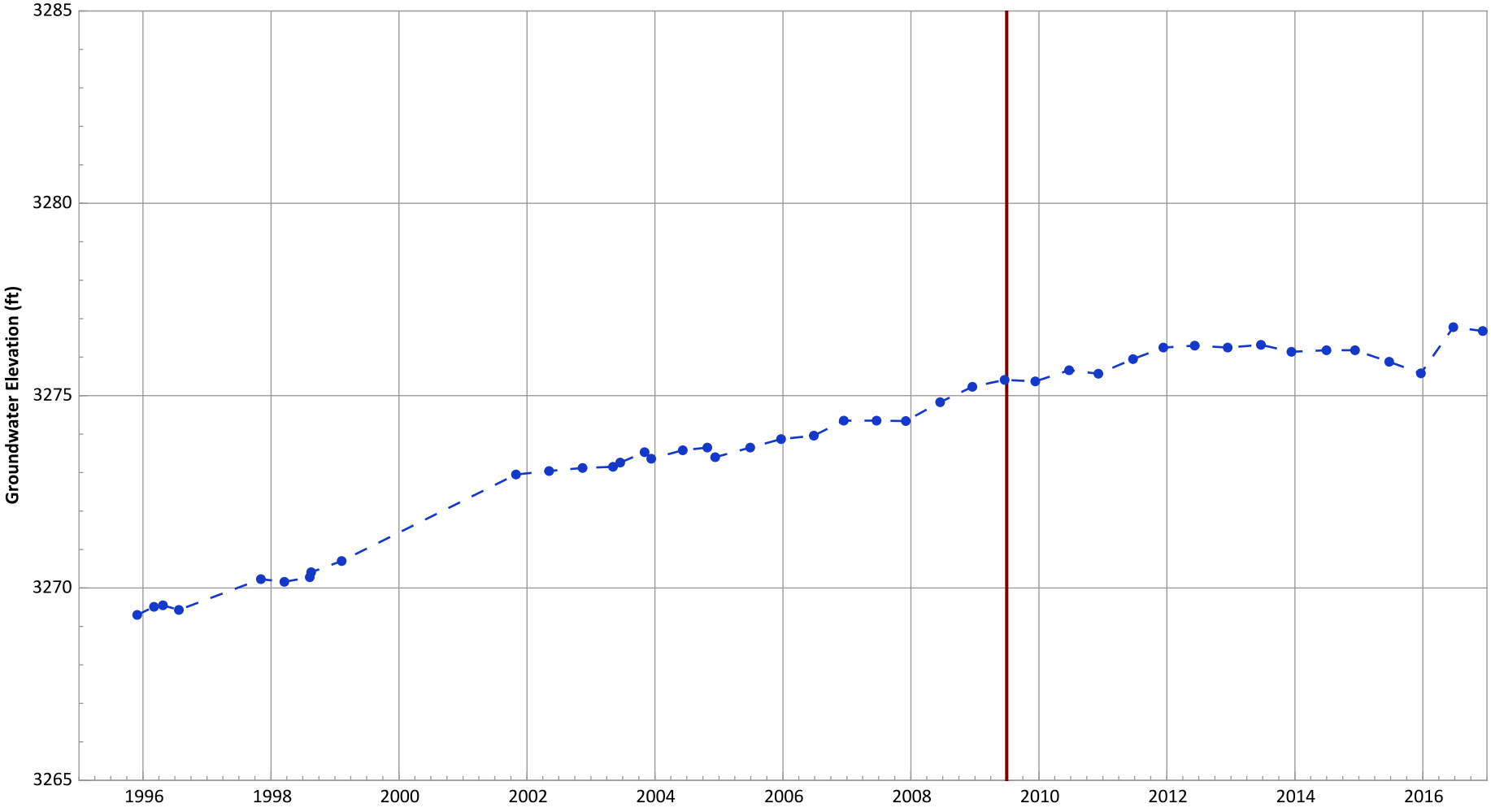
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: No Trend

PTX10-1008 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



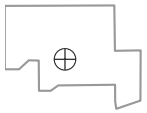
Notes:
1. Top of screen elevation is 3277.2 ft msl.
2. The bottom of screen elevation is 3252.7 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

Groundwater Elevation

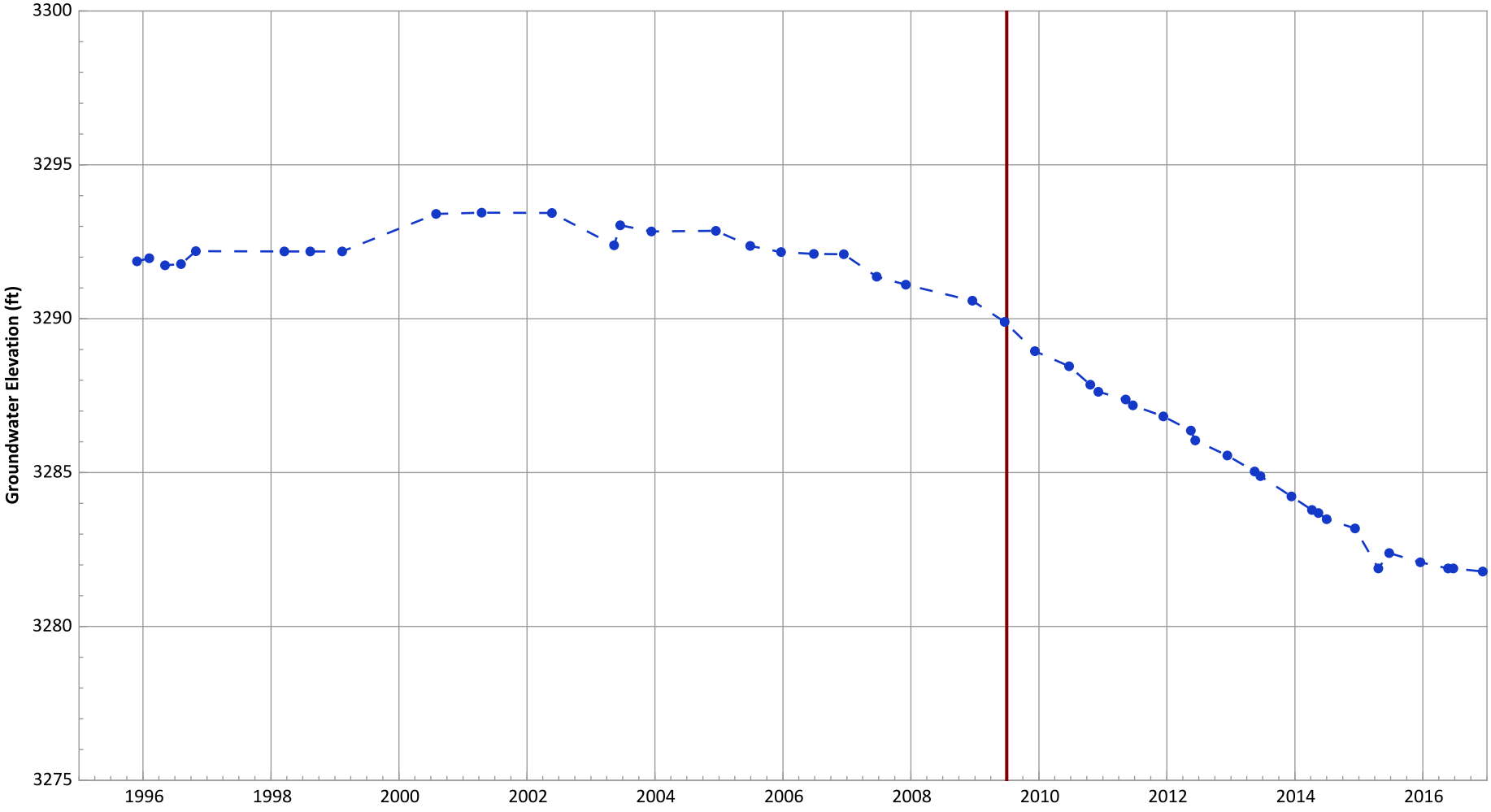
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.11 ft/yr
2014 - 2016 Data: Increasing at 0.74 ft/yr

PTX10-1014 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

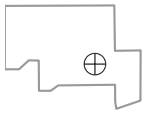


Notes:
1. Top of screen elevation is 3301.64 ft msl.
2. The bottom of screen elevation is 3271.84 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location

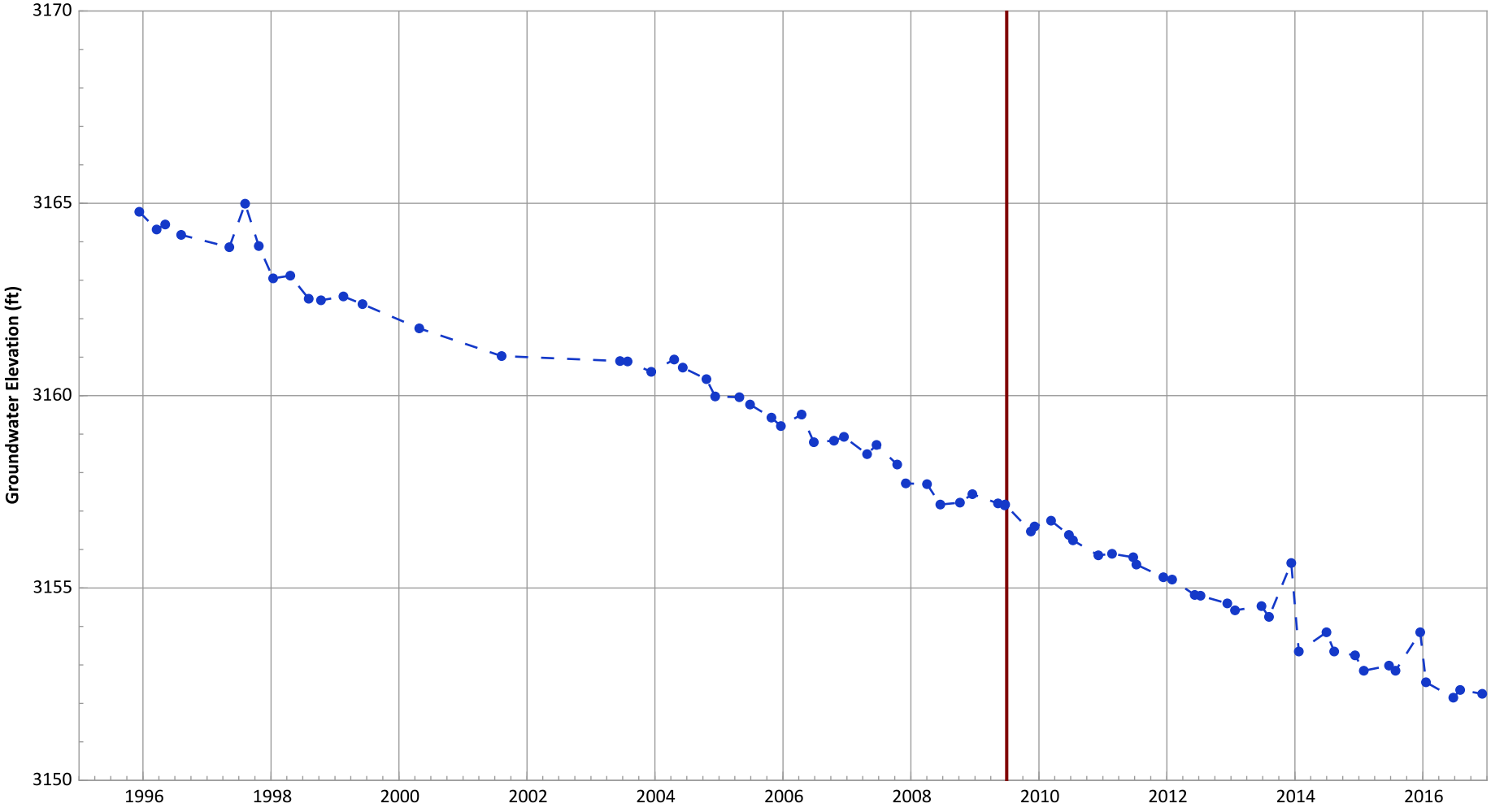


Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.12 ft/yr
2014 - 2016 Data: Decreasing at 0.21 ft/yr

Ogallala Aquifer Hydrographs

Well	Easting	Northing	Num_AD	Slope_AD	Trend_AD	Change_AD	Num_L2Y	Slope_L2Y	Trend_L2Y	Change_L2Y	Num_SSRA	Slope_SSRA	Trend_SSRA	Change_SSRA
PTX01-1010	630576.88	3771397.26	73	-1.82	Decreasing	-22	8	-1.68	Decreasing	-2.4	31	-2.20	Decreasing	-12.96
PTX01-1011	629986.45	3771397.29	63	-1.64	Decreasing	-22.88	10	-2.19	Decreasing	-2.2	32	-1.91	Decreasing	-11.82
PTX01-1012	632664.21	3773264.13	56	-1.90	Decreasing	-22.4	8	-3.07	Decreasing	-2.6	30	-2.07	Decreasing	-11.96
PTX01-1013	628976.89	3773218.25	73	-1.90	Decreasing	-21.07	8	-4.05	Decreasing	-2.5	30	-2.27	Decreasing	-13.67
PTX06-1033	642614.48	3759581.41	68	-0.86	Decreasing	-17.29	7	-1.18	Decreasing	-1.35	30	-0.95	Decreasing	-6.71
PTX06-1043	640711.00	3765225.21	54	-1.03	Decreasing	-18.28	8	-1.93	Decreasing	-2.9	29	-1.33	Decreasing	-8.9
PTX06-1044	642706.18	3764538.54	62	-1.68	Decreasing	-26.36	8	-1.76	Decreasing	-2.8	31	-2.12	Decreasing	-13.55
PTX06-1056	643767.03	3754642.87	72	-0.35	Decreasing	-5.36	14	-0.61	Decreasing	-1	38	-0.46	Decreasing	-3.34
PTX06-1057A	629630.04	3768142.23	54	-1.26	Decreasing	-18.69	7	-1.06	Decreasing	-1.5	23	-1.48	Decreasing	-9.54
PTX06-1058	624894.00	3759747.11	52	-0.39	Decreasing	-6.22	6	-0.47	Decreasing	-0.6	22	-0.42	Decreasing	-2.54
PTX06-1059	628129.98	3760459.31	50	-0.98	Decreasing	-13.3	6	-0.93	Decreasing	-1.3	22	-1.02	Decreasing	-6.94
PTX06-1060	620969.93	3758599.72	45	0.16	Increasing	3.11	7	0.41	Increasing	0.7	24	0.14	Increasing	1.5
PTX06-1061	625651.61	3773186.59	53	-1.77	Decreasing	-21.12	8	-2.47	Decreasing	-3	25	-1.74	Decreasing	-9.97
PTX06-1062A	633017.18	3771685.22	78	-1.58	Decreasing	-21.98	10	-1.31	Decreasing	-2.4	33	-1.89	Decreasing	-11.29
PTX06-1064	635900.45	3773557.90	70	-1.40	Decreasing	-18.74	9	-1.44	Decreasing	-2.3	31	-1.49	Decreasing	-10
PTX06-1068	643403.70	3773360.30	75	-1.69	Decreasing	-22	8	-1.23	Decreasing	-1.9	35	-1.22	Decreasing	-8.48
PTX06-1072	635047.45	3758434.63	53	-0.78	Decreasing	-11.42	7	-0.81	Decreasing	-1.2	31	-0.74	Decreasing	-5.19
PTX06-1074	620994.02	3765626.52	51	-0.74	Decreasing	-9.92	6	-0.33	Decreasing	-0.3	22	-0.79	Decreasing	-5.23
PTX06-1075	630512.54	3753624.01	50	0.12	Increasing	1.54	7	0.17	Increasing	0.6	23	0.10	Increasing	2.01
PTX06-1076	637327.32	3752978.41	60	0.10	Increasing	0.55	8	-0.23	Decreasing	-0.4	31	0.23	Increasing	1.27
PTX06-1137A	647900.89	3758635.67	31	-1.62	Decreasing	-10.8	8	-1.16	Decreasing	-1.5	30	-1.64	Decreasing	-10.07
PTX06-1138	646285.31	3760503.82	31	-1.28	Decreasing	-8.88	8	-1.25	Decreasing	-1.6	30	-1.29	Decreasing	-8.68
PTX06-1139	646768.73	3756376.08	31	-1.14	Decreasing	-7.59	8	-1.64	Decreasing	-2.3	30	-1.16	Decreasing	-8.11
PTX06-1140	646959.38	3762807.67	32	-2.57	Decreasing	-17.31	8	-2.14	Decreasing	-3.2	31	-2.62	Decreasing	-16.74
PTX06-1141	633445.44	3766872.94	31	-1.34	Decreasing	-9.64	9	-1.32	Decreasing	-2.6	30	-1.35	Decreasing	-8.95
PTX06-1143	639244.72	3770496.78	32	-1.25	Decreasing	-7.23	9	-1.65	Decreasing	-1.9	31	-1.31	Decreasing	-7.82
PTX06-1144	640252.98	3773320.45	31	-0.90	Decreasing	-6.04	9	-1.53	Decreasing	-1.9	30	-0.92	Decreasing	-7.7
PTX06-1157	647101.97	3753701.98	30	-0.08	No Trend	0.68	9	0.08	No Trend	0.4	30	-0.08	No Trend	0.68
PTX07-1R01	627914.28	3764159.91	54	-1.10	Decreasing	-17.75	8	-1.07	Decreasing	-1.3	30	-1.19	Decreasing	-7.85
PTX08-1011A	622327.80	3760147.86	36	-0.58	Decreasing	-12.28	4	-0.56	Decreasing	-0.7	15	-0.59	Decreasing	-4.01
PTX-BEG2	632652.49	3756906.56	71	-0.60	Decreasing	-12.53	8	-0.47	Decreasing	-0.6	30	-0.64	Decreasing	-4.22

PTX-BEG2 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

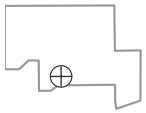


Notes:
1. Top of screen elevation is 3175.57 ft msl.
2. The bottom of screen elevation is 3125.57 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

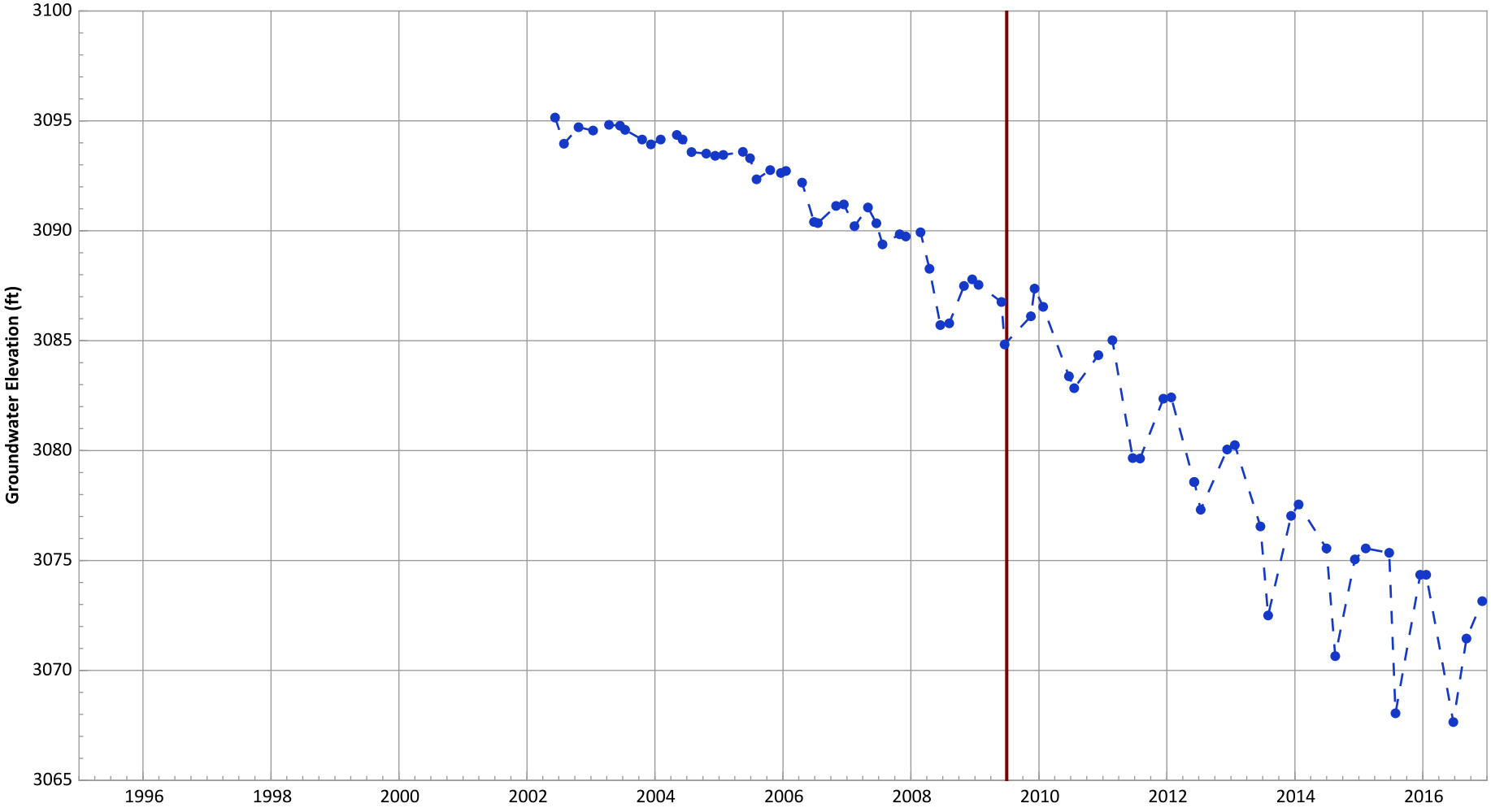
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.64 ft/yr
2014 - 2016 Data: Decreasing at 0.47 ft/yr

PTX01-1010 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

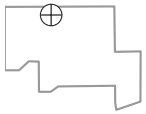


Notes:
1. Top of screen elevation is 3104.01 ft msl.
2. The bottom of screen elevation is 2729.01 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

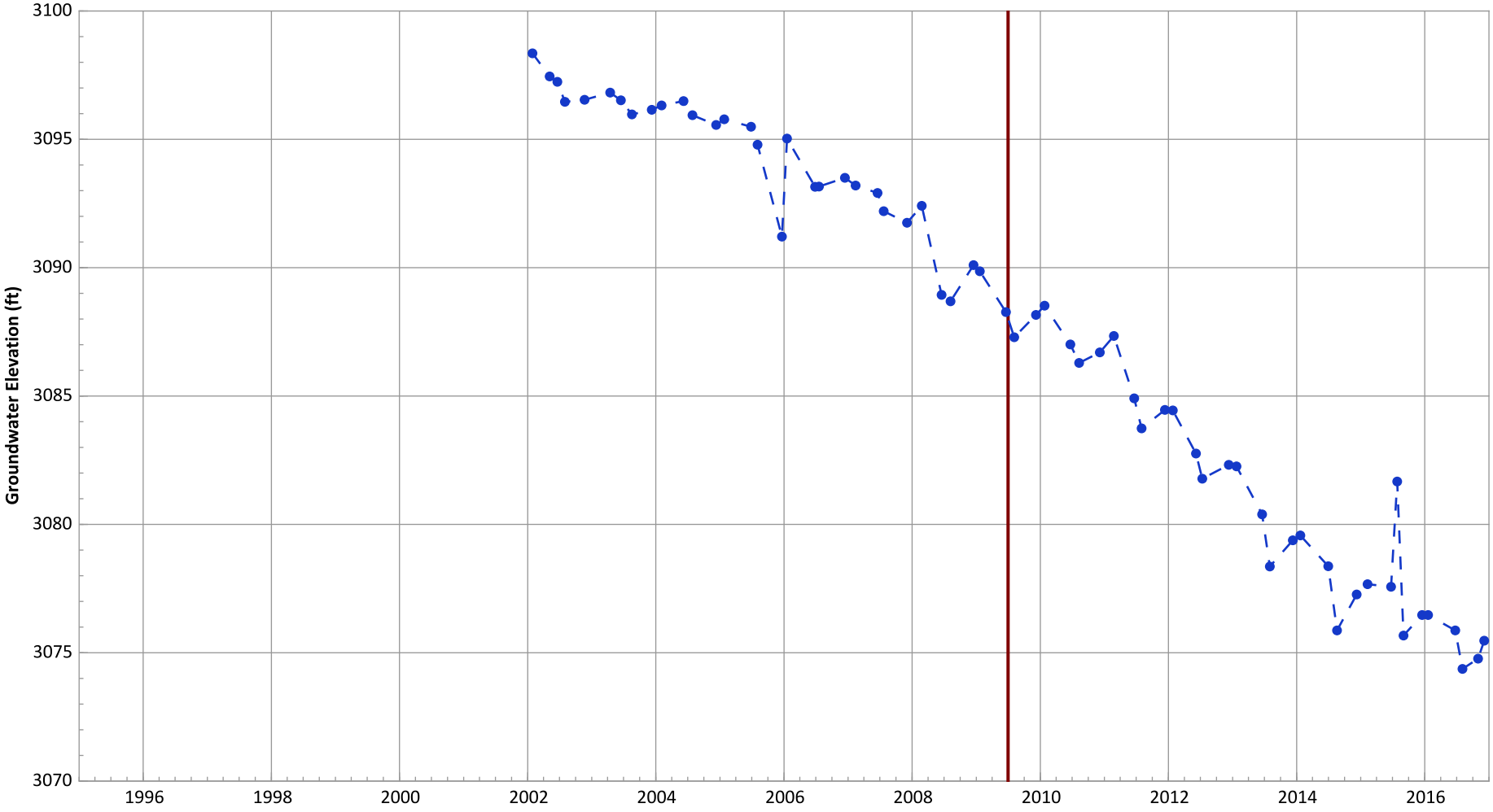
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 2.2 ft/yr
2014 - 2016 Data: Decreasing at 1.68 ft/yr

PTX01-1011 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

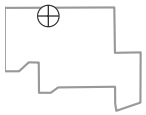


Notes:
1. Top of screen elevation is 3107.81 ft msl.
2. The bottom of screen elevation is 2782.81 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

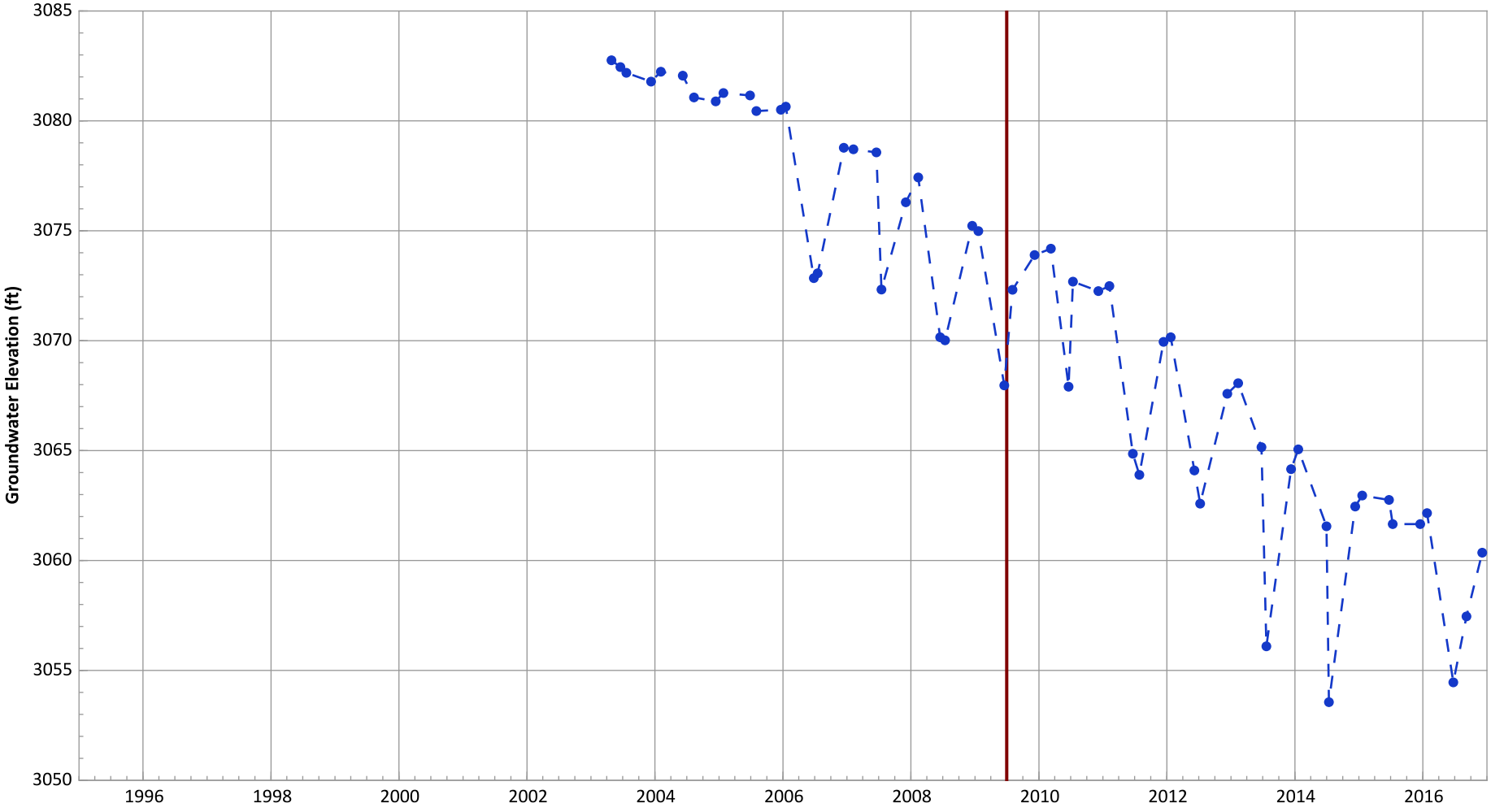
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.91 ft/yr
2014 - 2016 Data: Decreasing at 2.19 ft/yr

PTX01-1012 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

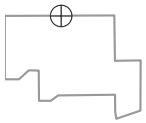


Notes:
1. Top of screen elevation is 3112.48 ft msl.
2. The bottom of screen elevation is 2677.48 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

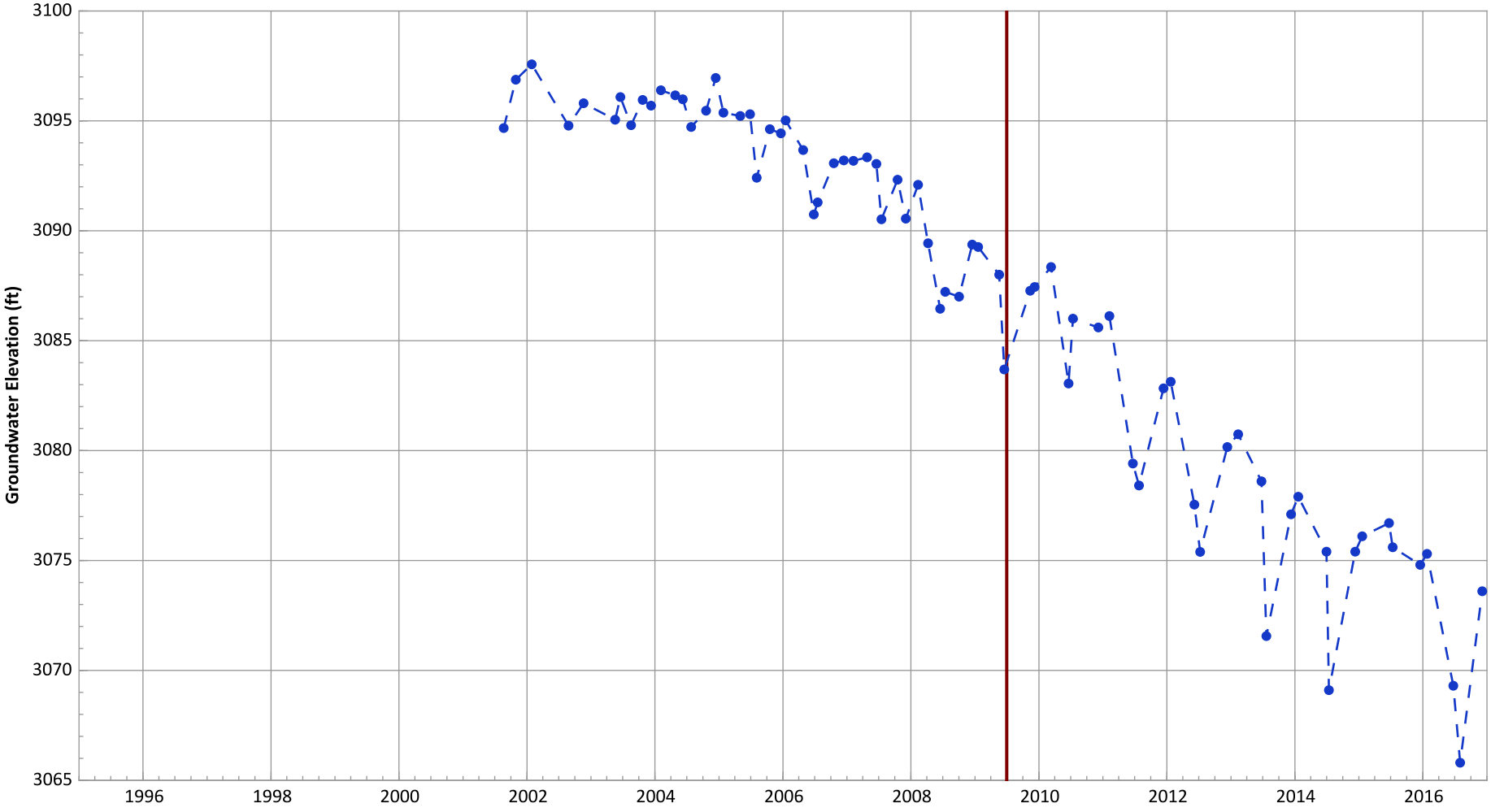
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 2.07 ft/yr
2014 - 2016 Data: Decreasing at 3.07 ft/yr

PTX01-1013 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

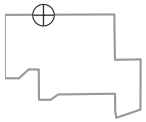


Notes:
1. Top of screen elevation is 3122.17 ft msl.
2. The bottom of screen elevation is 2717.17 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

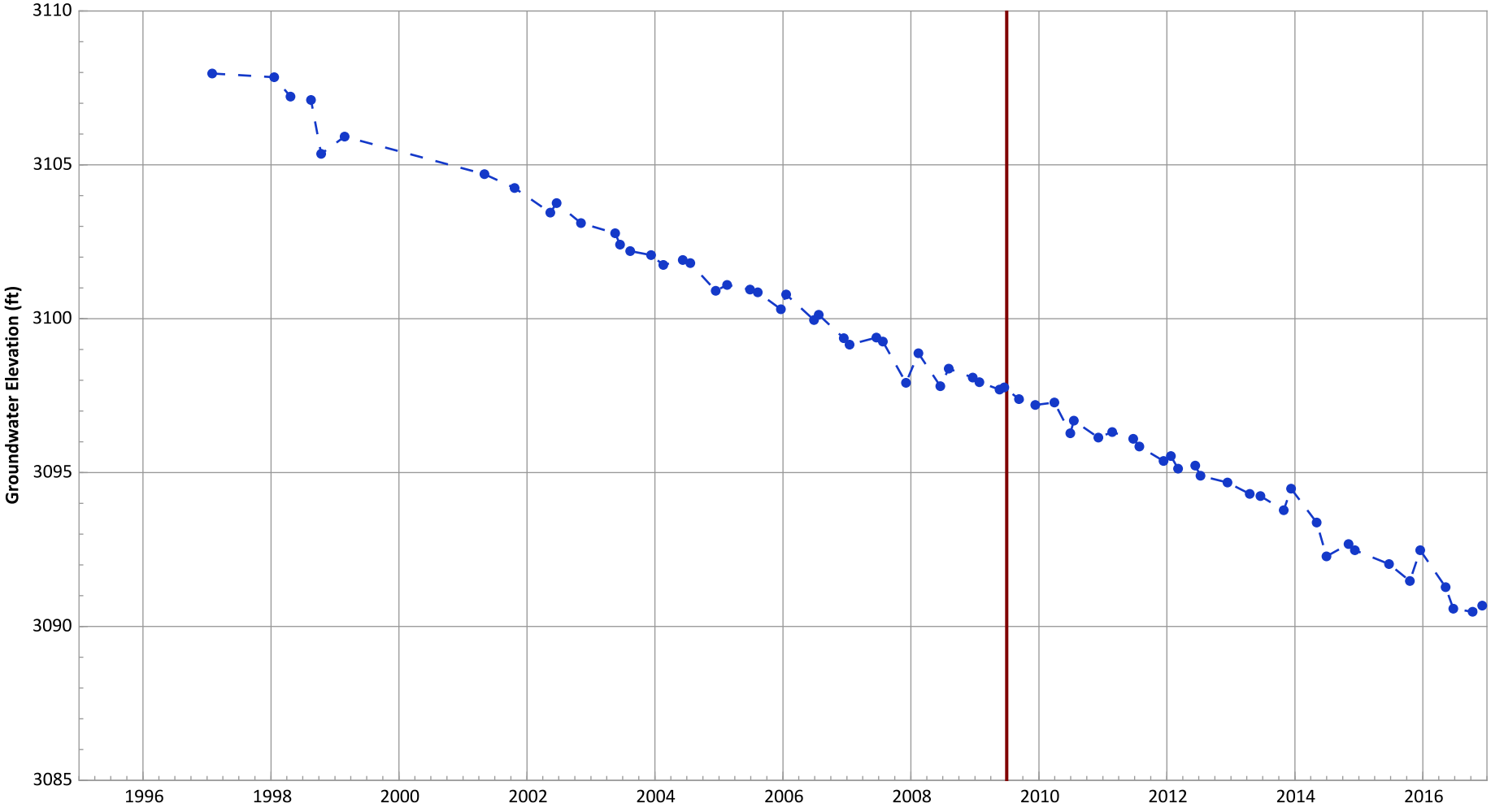
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 2.27 ft/yr
2014 - 2016 Data: Decreasing at 4.05 ft/yr

PTX06-1033 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant



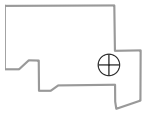
Notes:
1. Top of screen elevation is 3134.04 ft msl.
2. The bottom of screen elevation is 2994.04 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

Groundwater Elevation

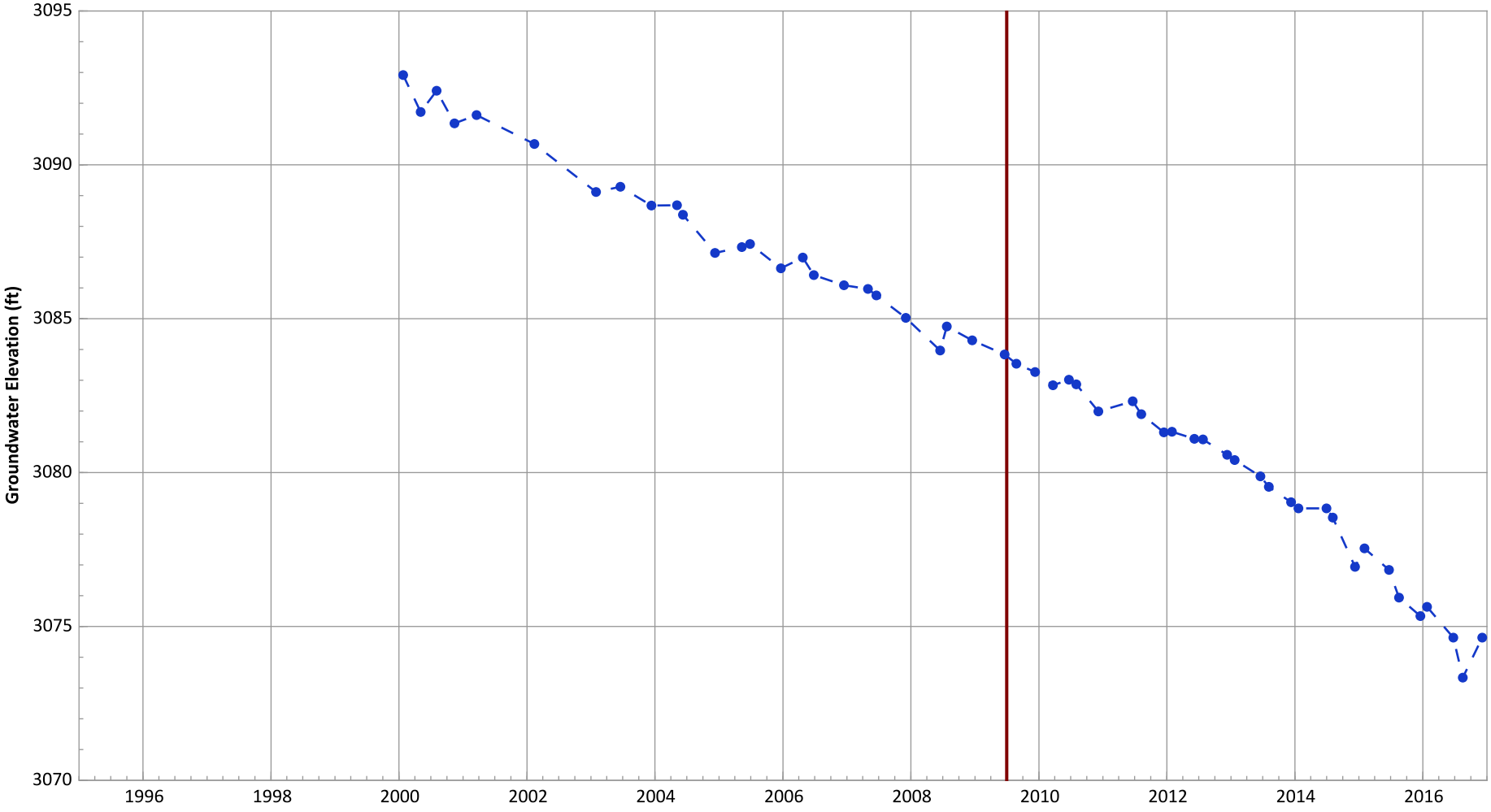
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.95 ft/yr
2014 - 2016 Data: Decreasing at 1.18 ft/yr

PTX06-1043 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant



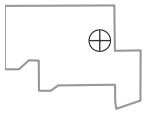
Notes:
1. Top of screen elevation is 3116.09 ft msl.
2. The bottom of screen elevation is 2896.09 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

Groundwater Elevation

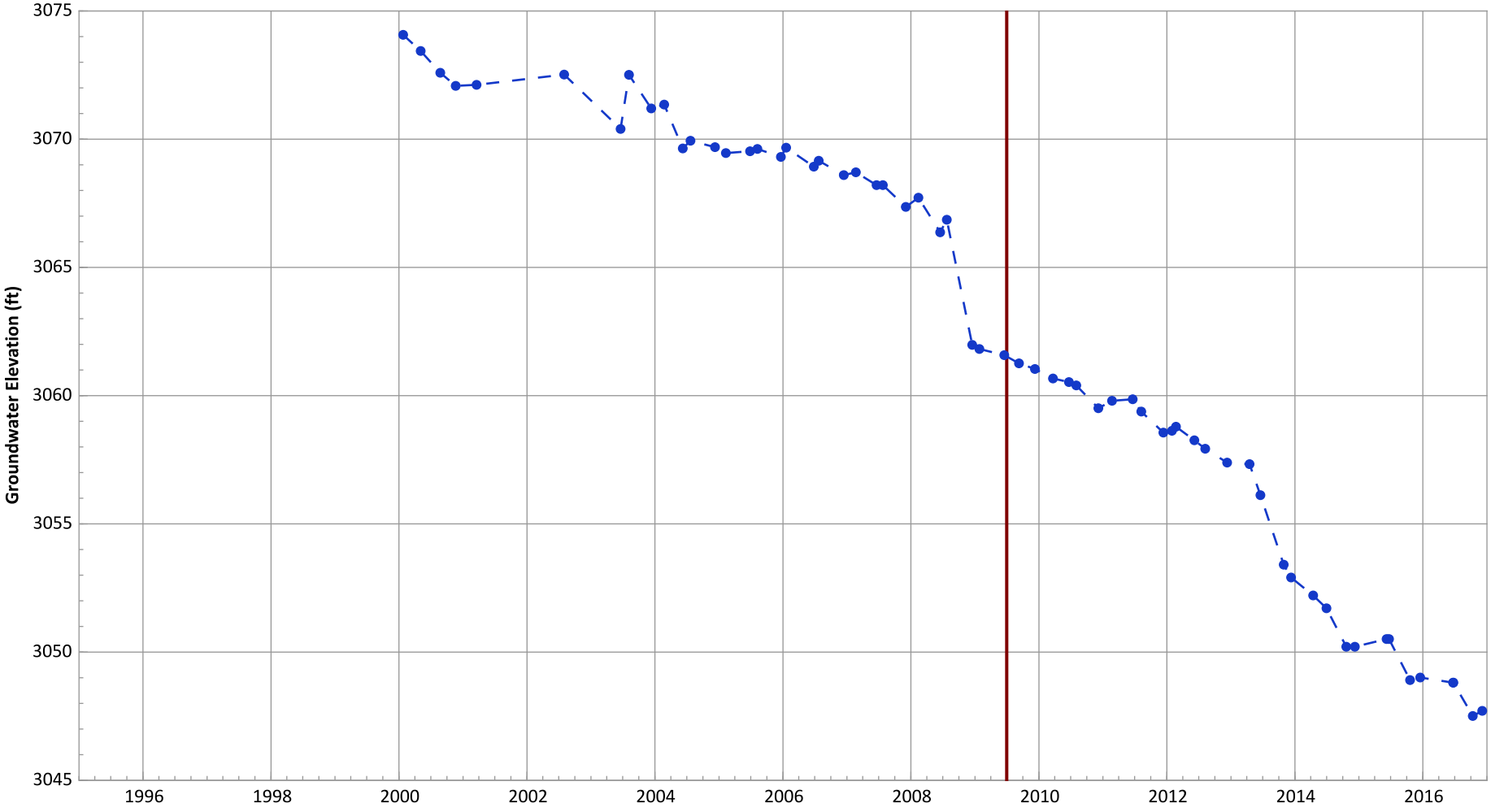
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.33 ft/yr
2014 - 2016 Data: Decreasing at 1.93 ft/yr

PTX06-1044 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

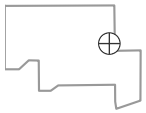


Notes:
1. Top of screen elevation is 3148.69 ft msl.
2. The bottom of screen elevation is 2928.69 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

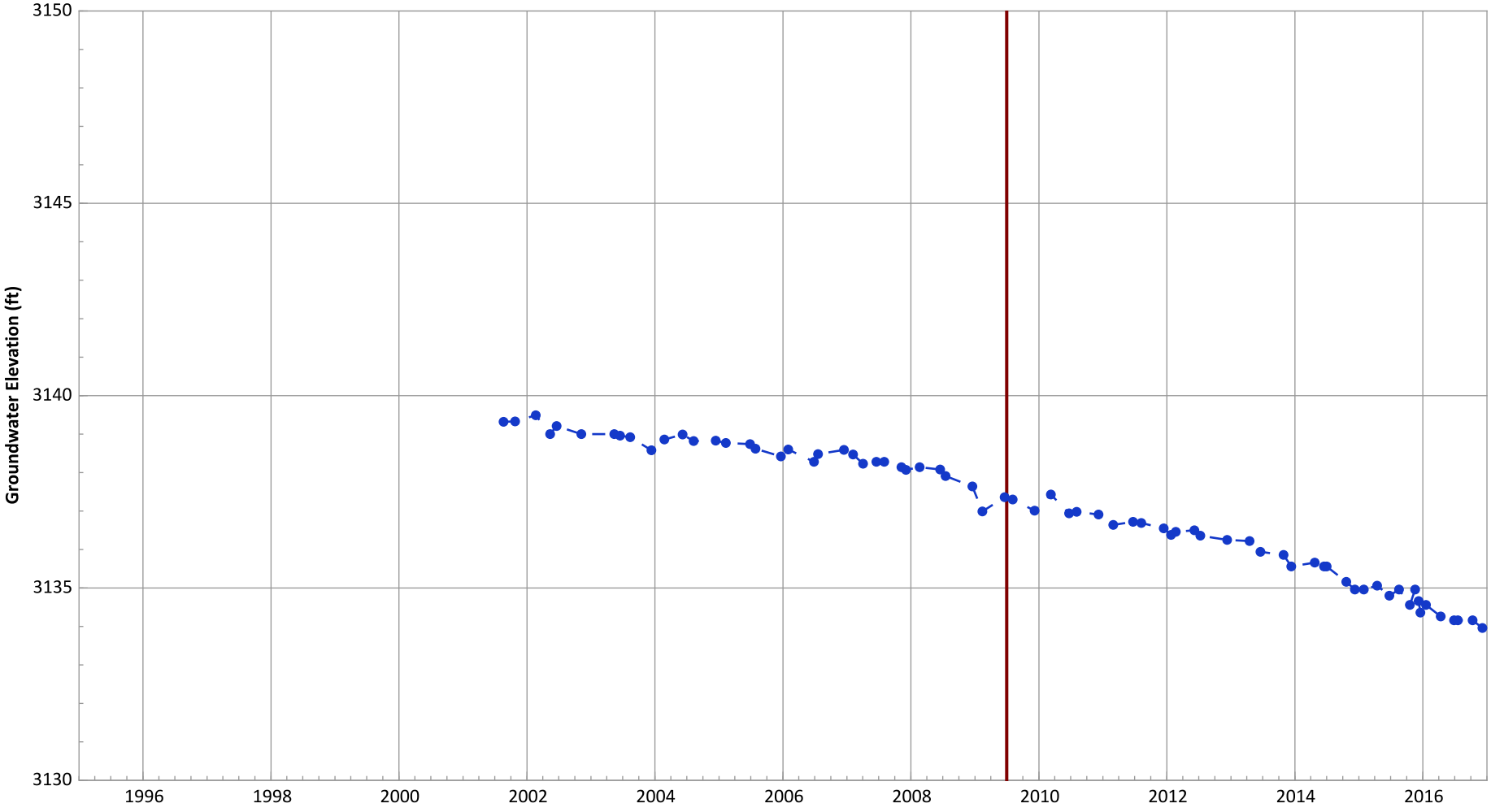
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 2.12 ft/yr
2014 - 2016 Data: Decreasing at 1.76 ft/yr

PTX06-1056 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

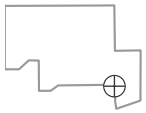


Notes:
1. Top of screen elevation is 3180.77 ft msl.
2. The bottom of screen elevation is 3060.77 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

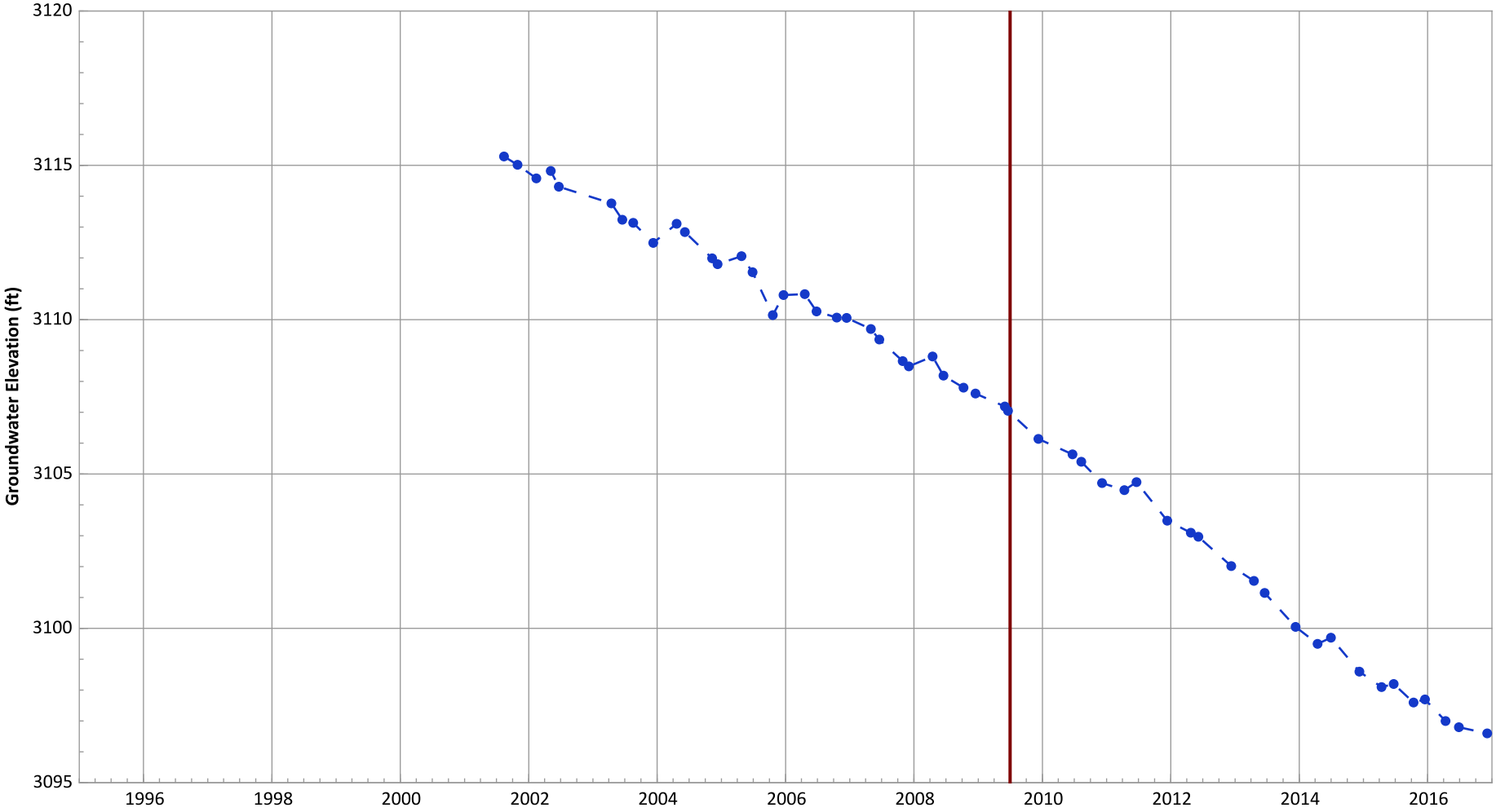
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.46 ft/yr
2014 - 2016 Data: Decreasing at 0.61 ft/yr

PTX06-1057A Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant



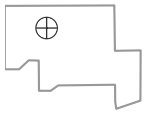
Notes:
1. Top of screen elevation is 3141.52 ft msl.
2. The bottom of screen elevation is 2811.52 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

Groundwater Elevation

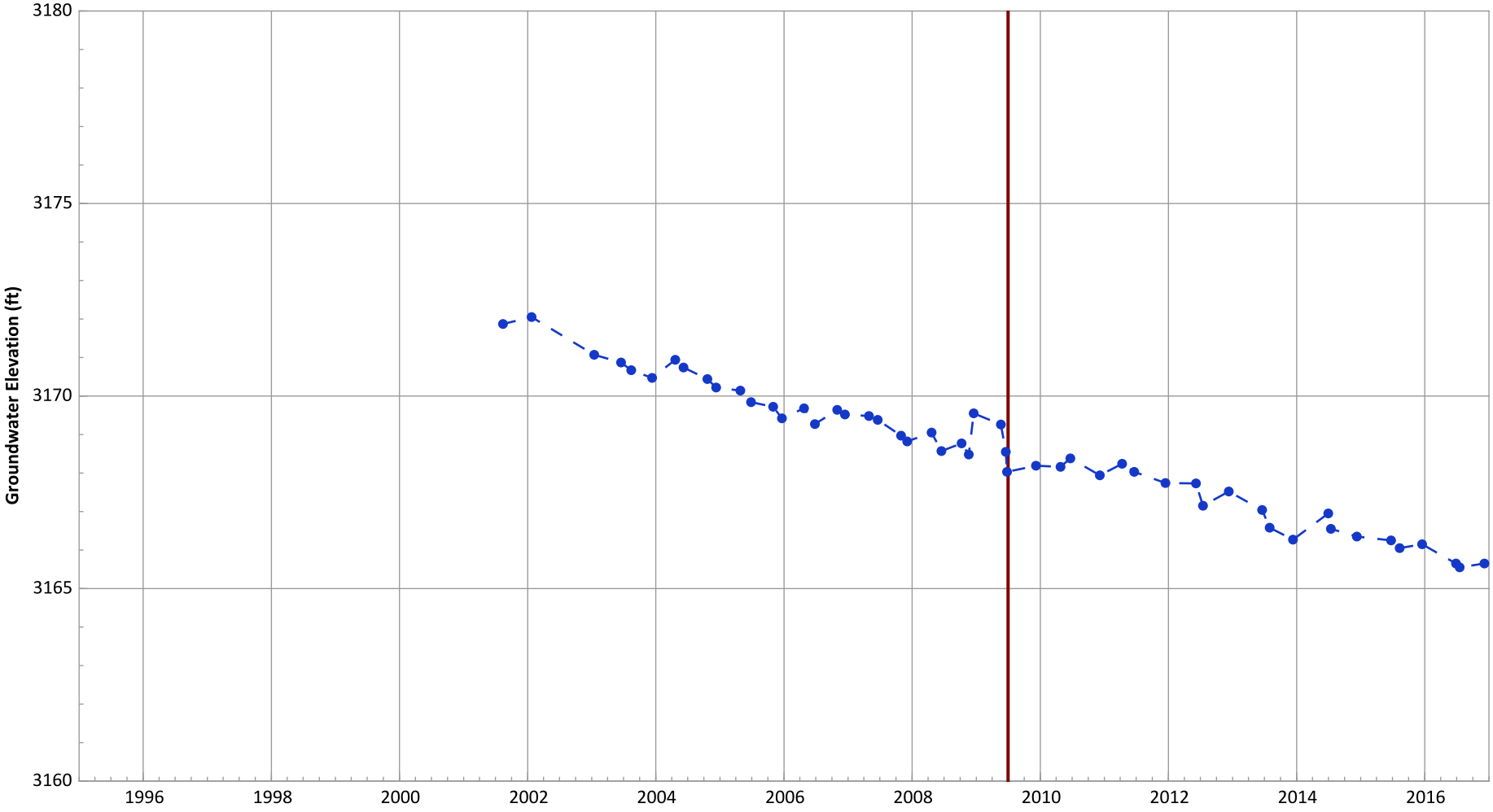
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.48 ft/yr
2014 - 2016 Data: Decreasing at 1.06 ft/yr

PTX06-1058 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

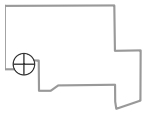


Notes:
1. Top of screen elevation is 3188.45 ft msl.
2. The bottom of screen elevation is 3038.45 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

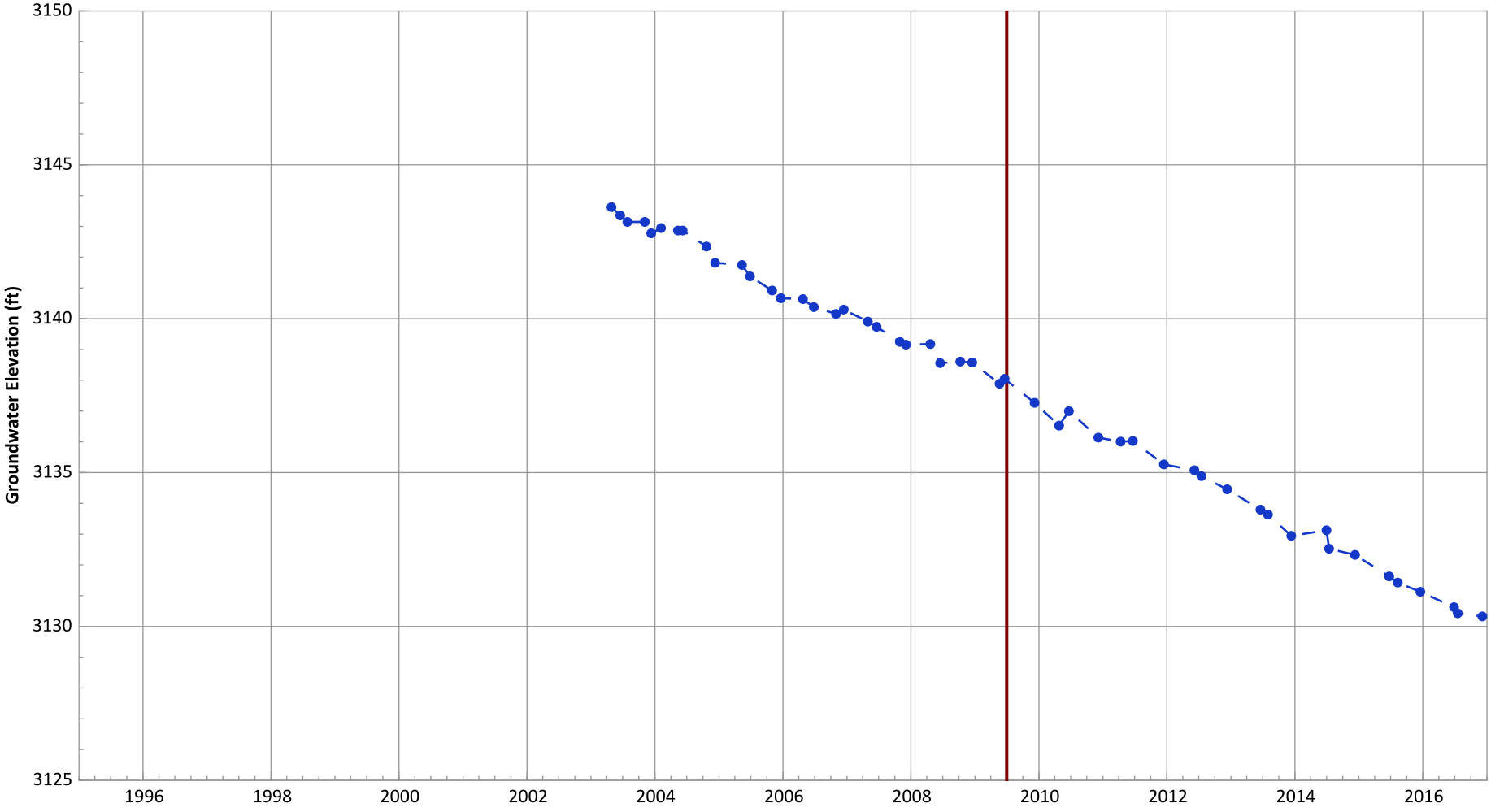
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.42 ft/yr
2014 - 2016 Data: Decreasing at 0.47 ft/yr

PTX06-1059 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

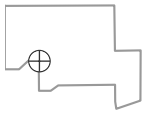


Notes:
1. Top of screen elevation is 3167.39 ft msl.
2. The bottom of screen elevation is 3007.39 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

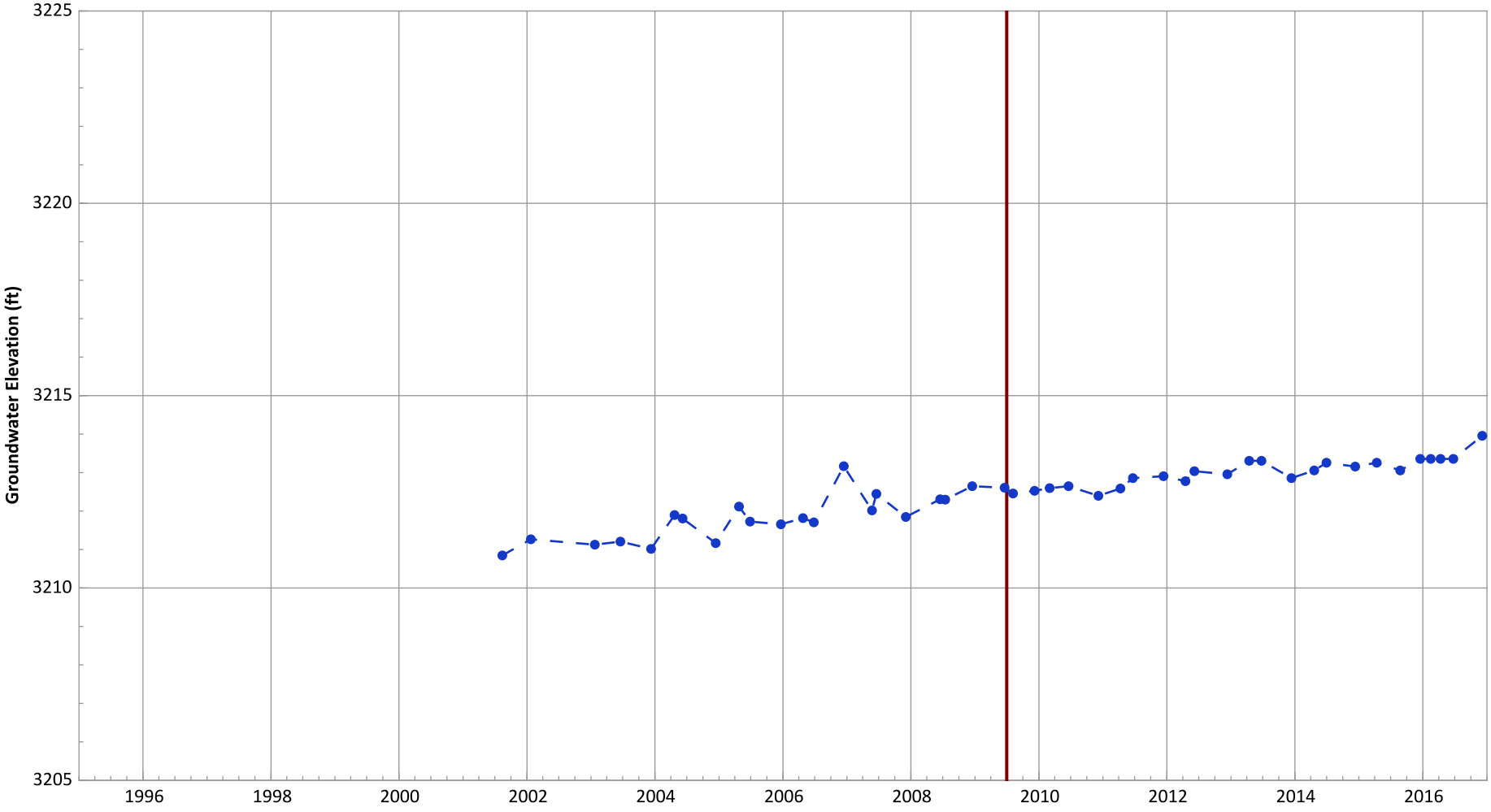
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.02 ft/yr
2014 - 2016 Data: Decreasing at 0.93 ft/yr

PTX06-1060 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3191.81 ft msl.
2. The bottom of screen elevation is 3066.81 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

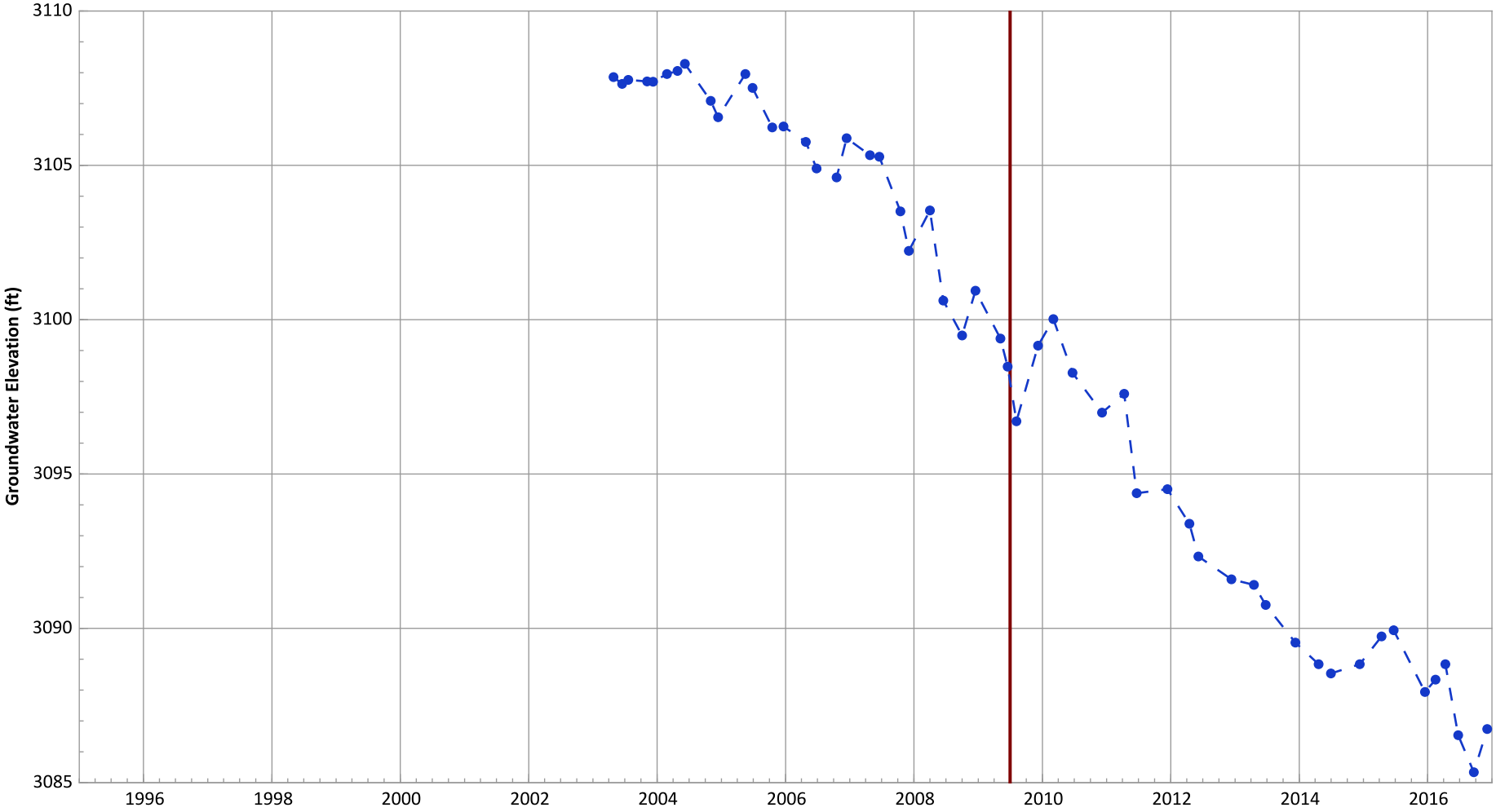
Groundwater Elevation

Start of Remedial Action

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.14 ft/yr
2014 - 2016 Data: Increasing at 0.41 ft/yr

PTX06-1061 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

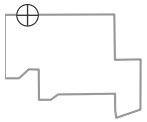


Notes:
1. Top of screen elevation is 3124.65 ft msl.
2. The bottom of screen elevation is 2729.65 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

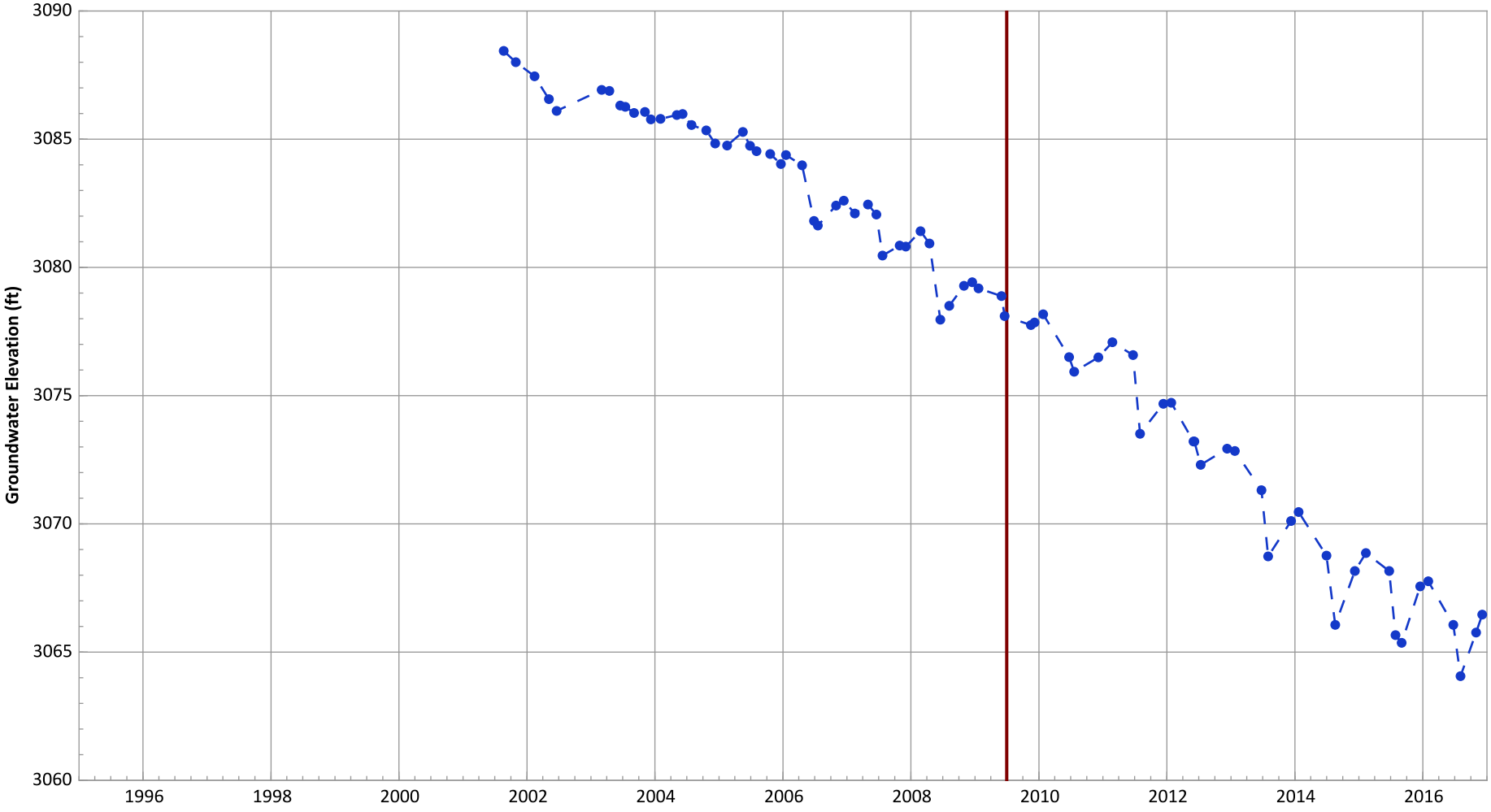
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.74 ft/yr
2014 - 2016 Data: Decreasing at 2.47 ft/yr

PTX06-1062A Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

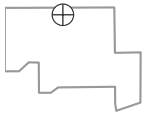


Notes:
1. Top of screen elevation is 3103.89 ft msl.
2. The bottom of screen elevation is 2683.89 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

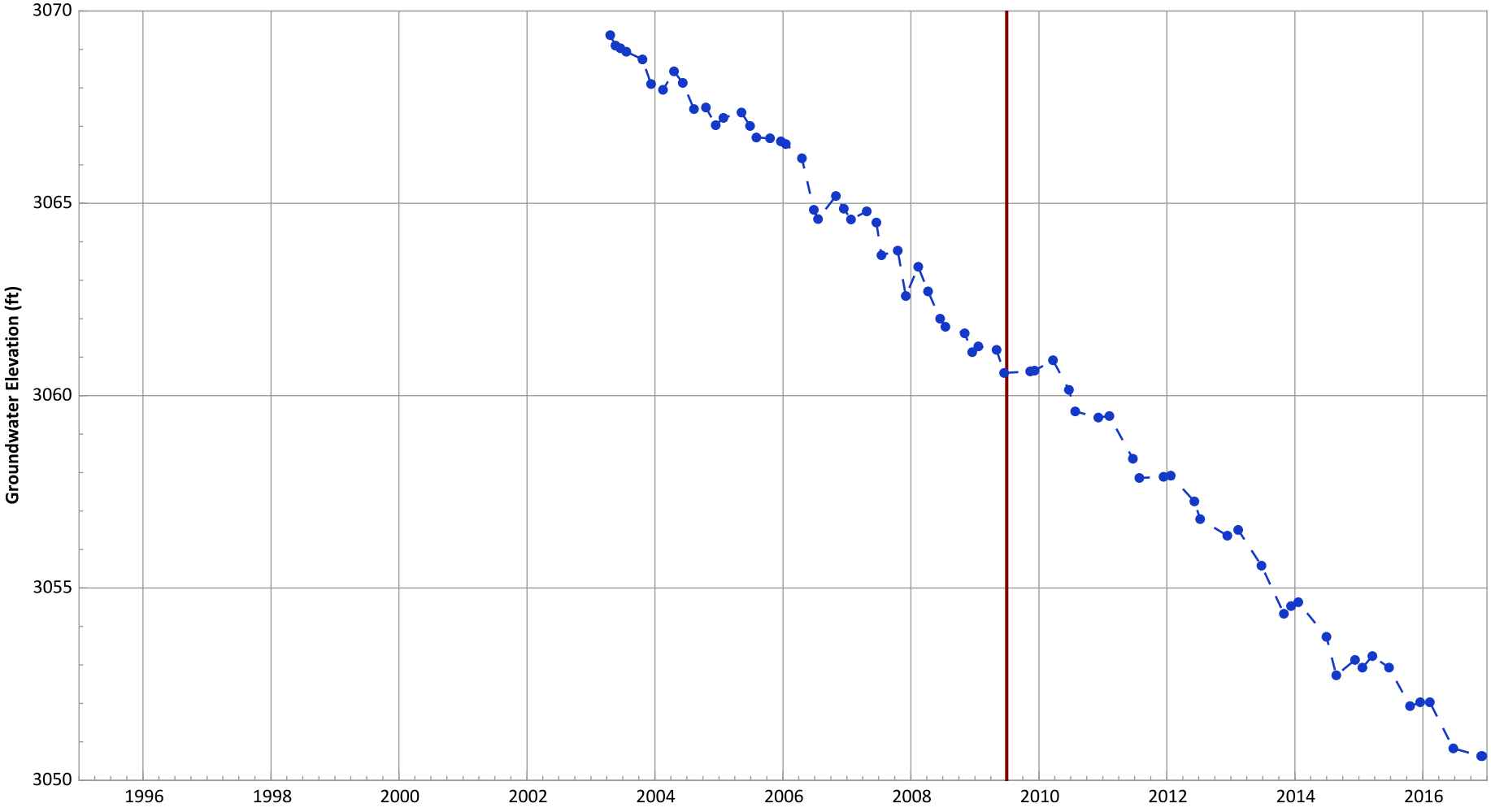
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.89 ft/yr
2014 - 2016 Data: Decreasing at 1.31 ft/yr

PTX06-1064 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

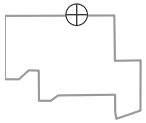


Notes:
1. Top of screen elevation is 3121.99 ft msl.
2. The bottom of screen elevation is 2771.99 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

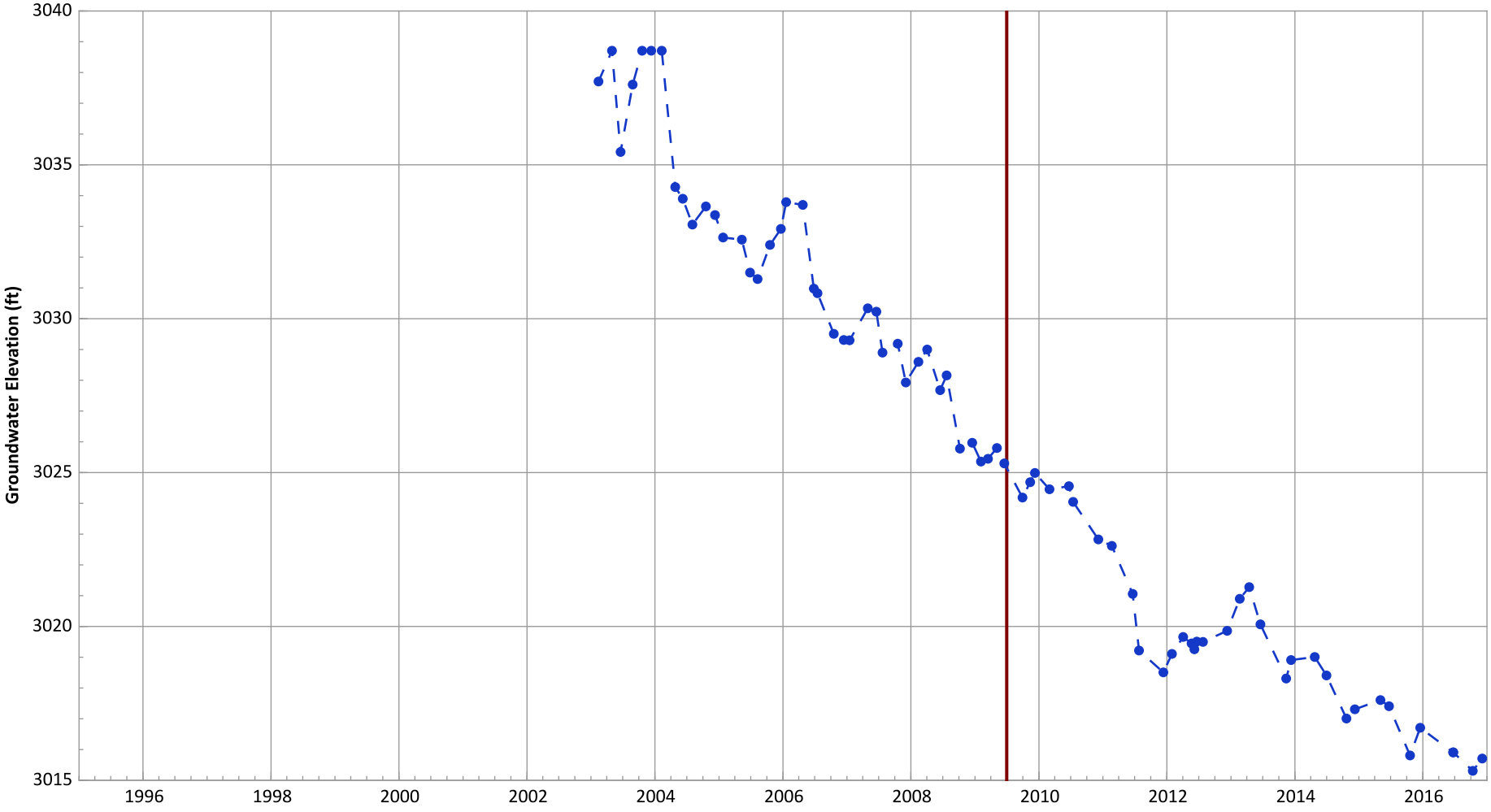
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.49 ft/yr
2014 - 2016 Data: Decreasing at 1.44 ft/yr

PTX06-1068 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

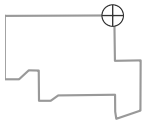


Notes:
1. Top of screen elevation is 3081.55 ft msl.
2. The bottom of screen elevation is 2736.55 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

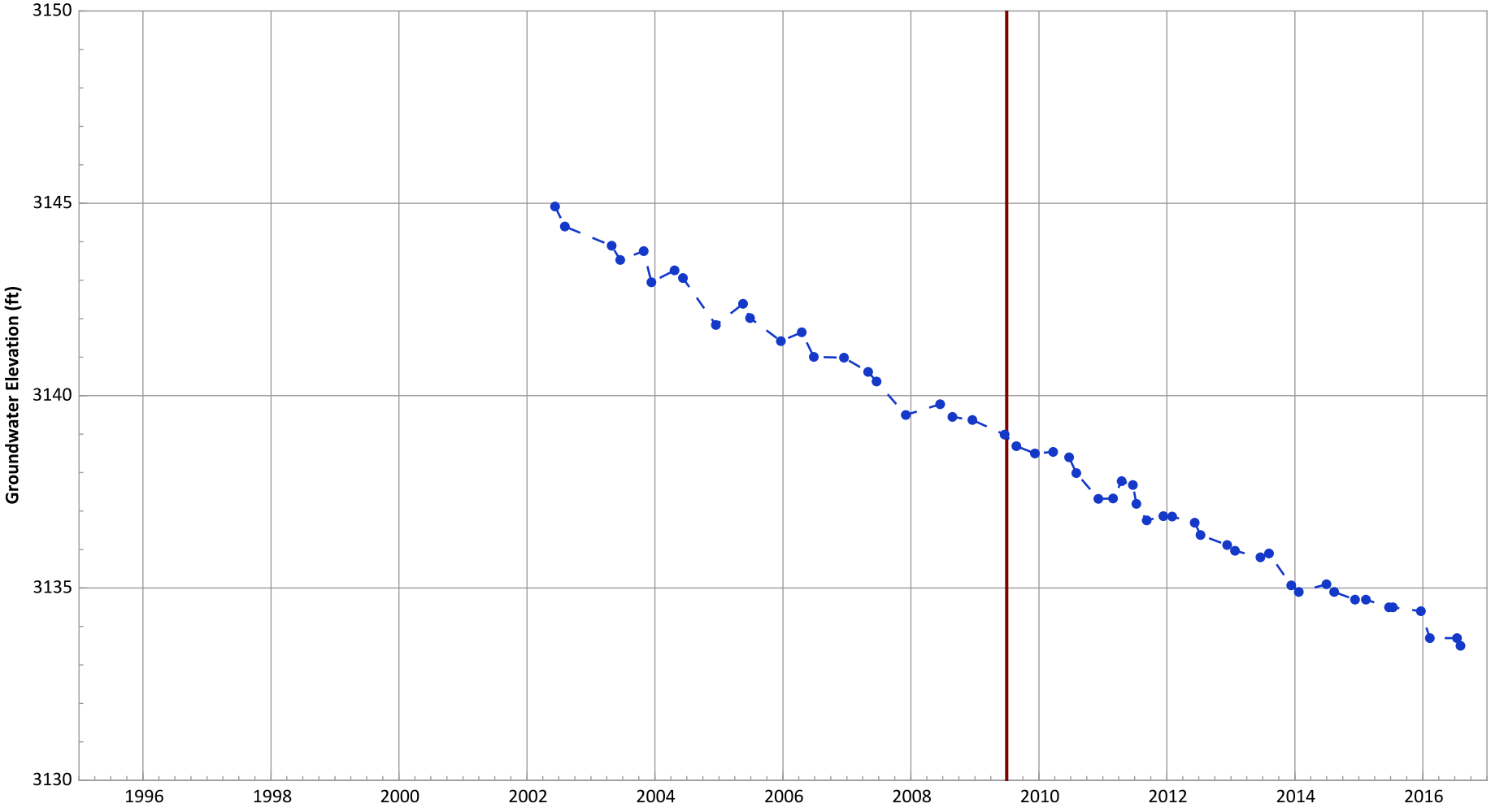
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.22 ft/yr
2014 - 2016 Data: Decreasing at 1.23 ft/yr

PTX06-1072 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant



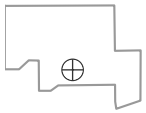
Notes:
1. Top of screen elevation is 3146.3 ft msl.
2. The bottom of screen elevation is 3006.3 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

Groundwater Elevation

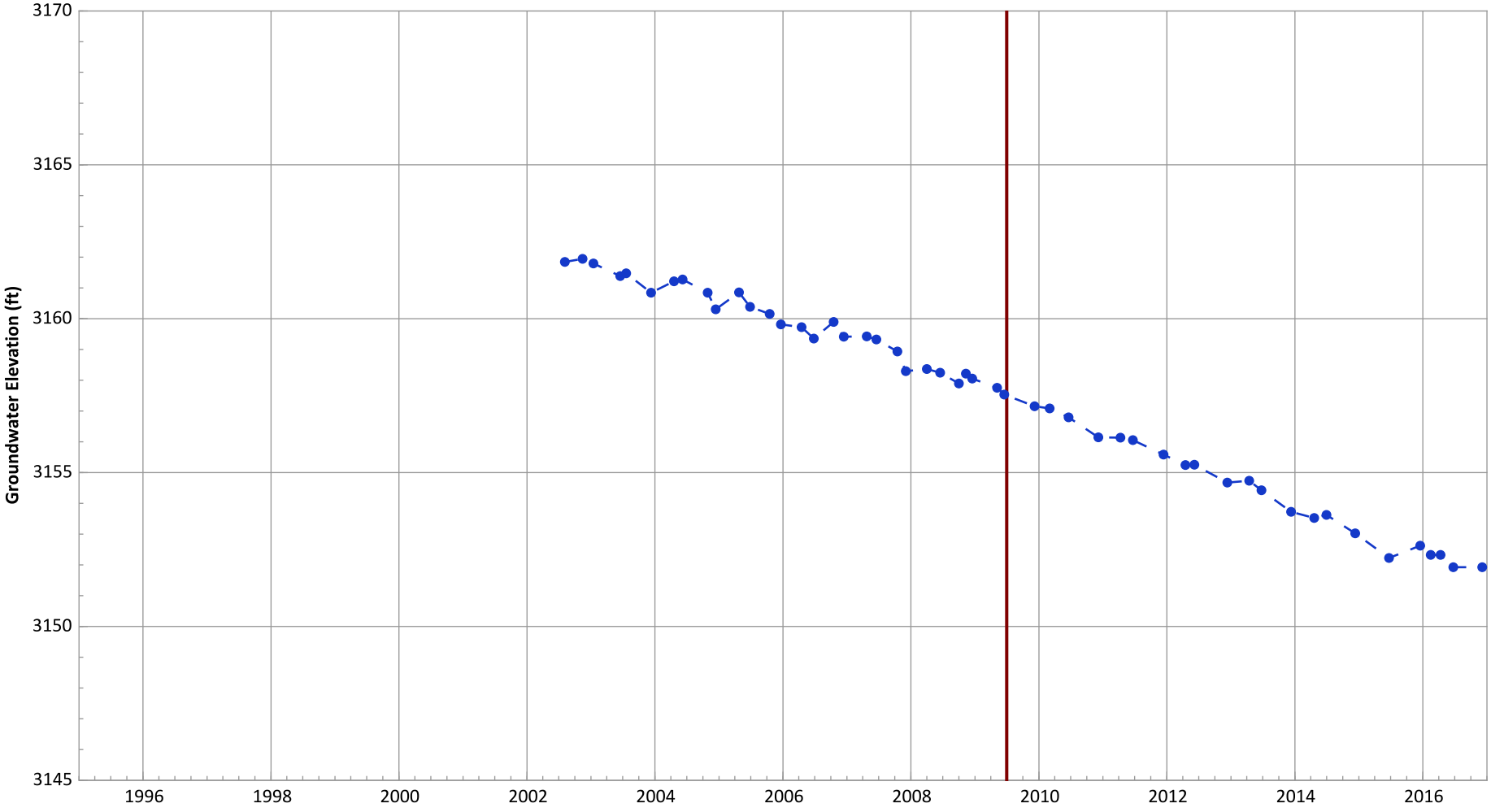
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.74 ft/yr
2014 - 2016 Data: Decreasing at 0.81 ft/yr

PTX06-1074 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3175.53 ft msl.
2. The bottom of screen elevation is 2955.53 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

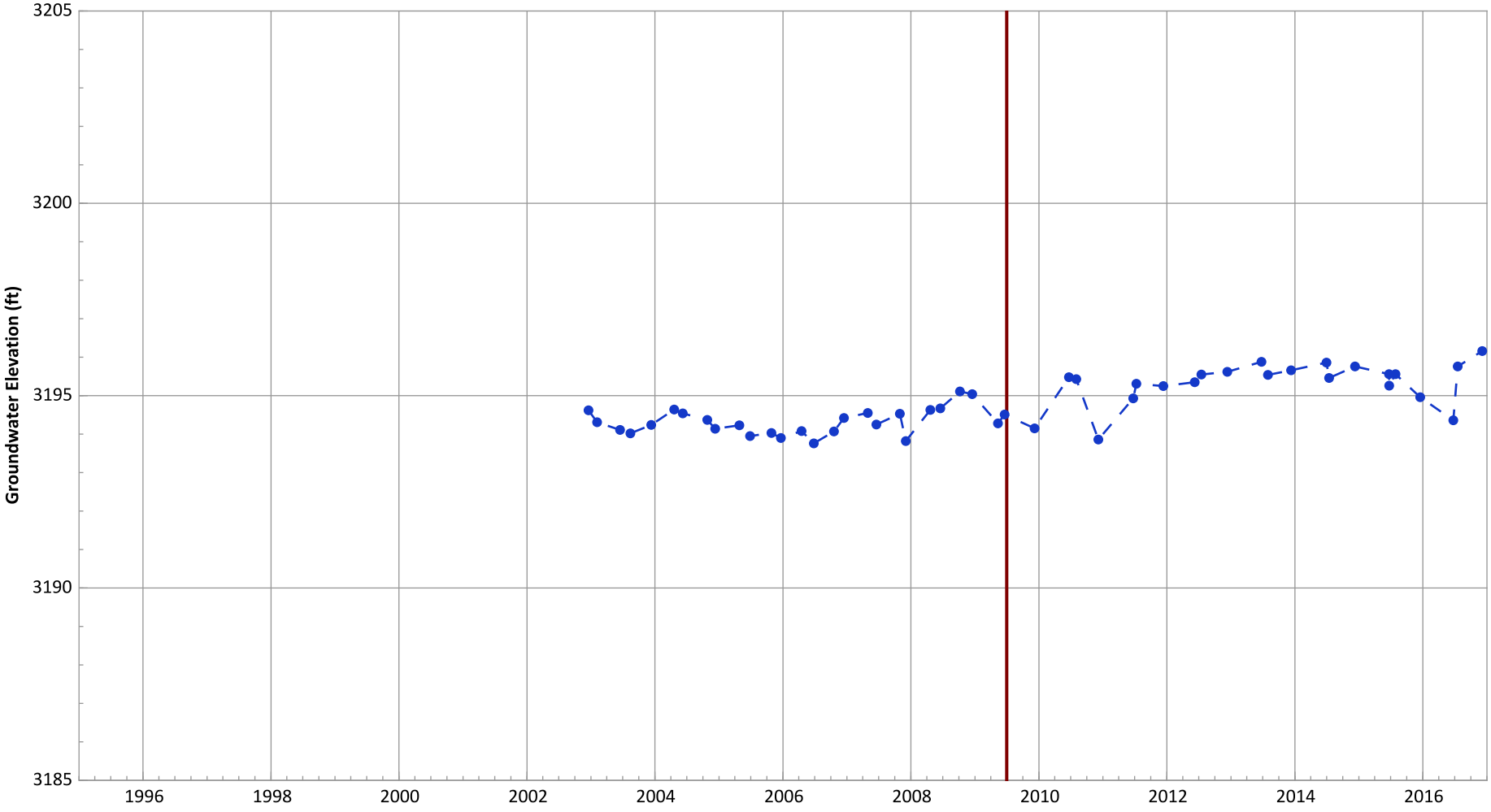
Analysis Date: 02/02/2017

Groundwater Elevation
Start of Remedial Action

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.79 ft/yr
2014 - 2016 Data: Decreasing at 0.33 ft/yr

PTX06-1075 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

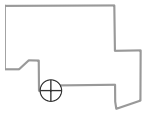


Notes:
1. Top of screen elevation is 3193.11 ft msl.
2. The bottom of screen elevation is 3133.11 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

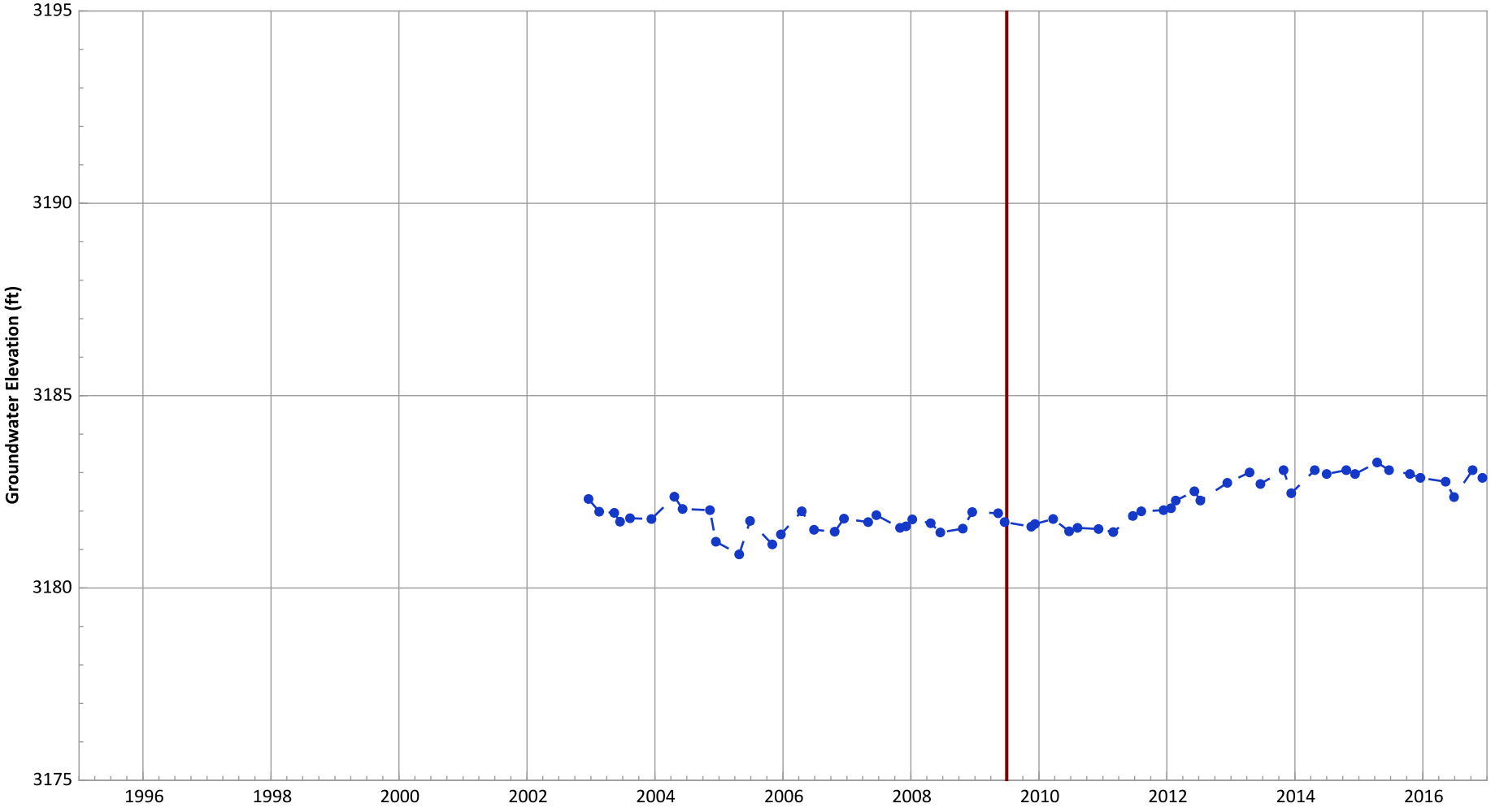
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.1 ft/yr
2014 - 2016 Data: Increasing at 0.17 ft/yr

PTX06-1076 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

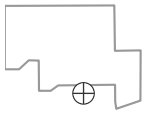


Notes:
1. Top of screen elevation is 3187.64 ft msl.
2. The bottom of screen elevation is 3167.64 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

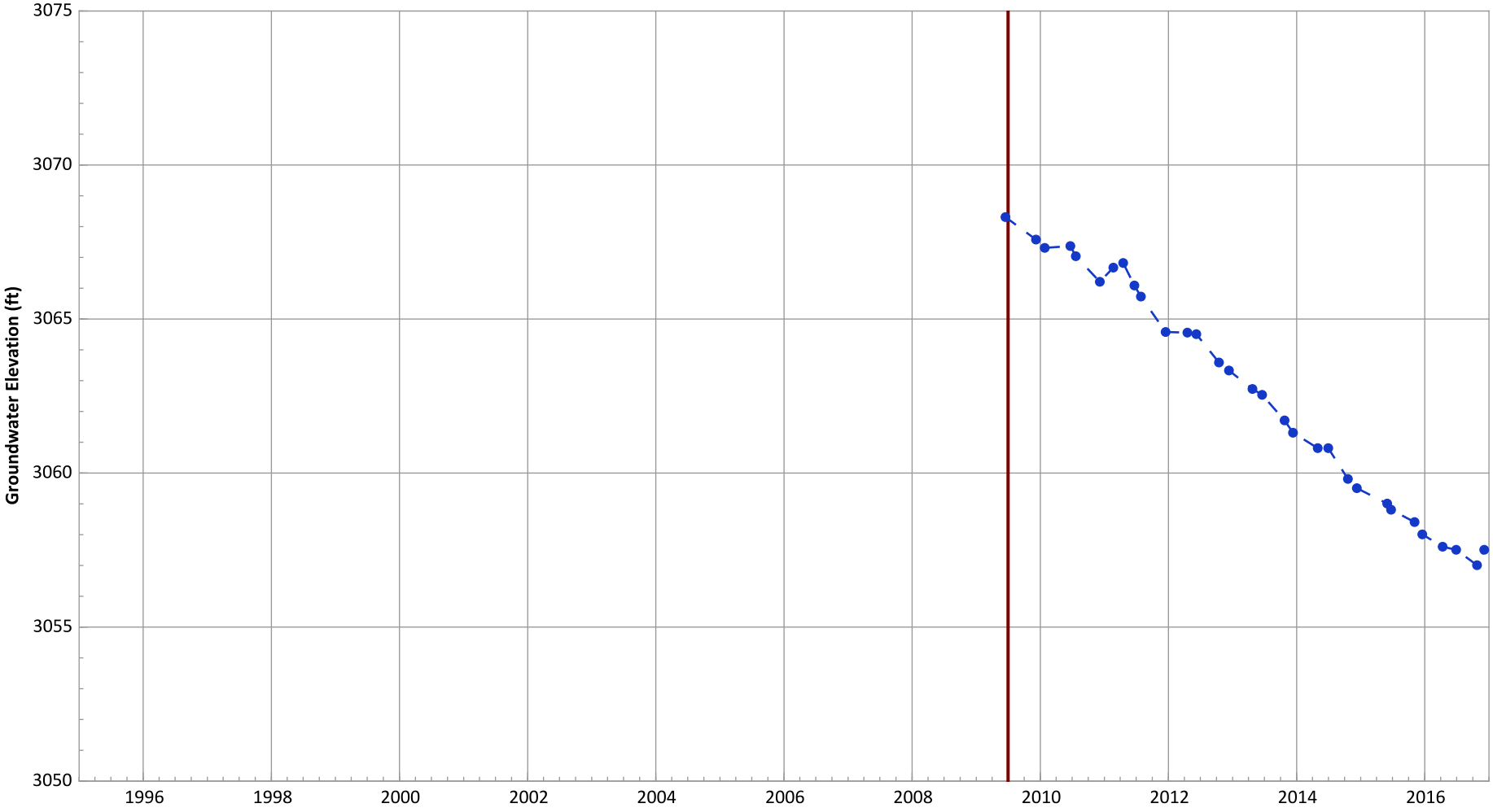
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Increasing at 0.23 ft/yr
2014 - 2016 Data: Decreasing at 0.23 ft/yr

PTX06-1137A Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

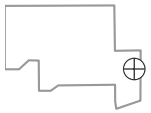


Notes:
1. Top of screen elevation is 3107.5 ft msl.
2. The bottom of screen elevation is 2952.5 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

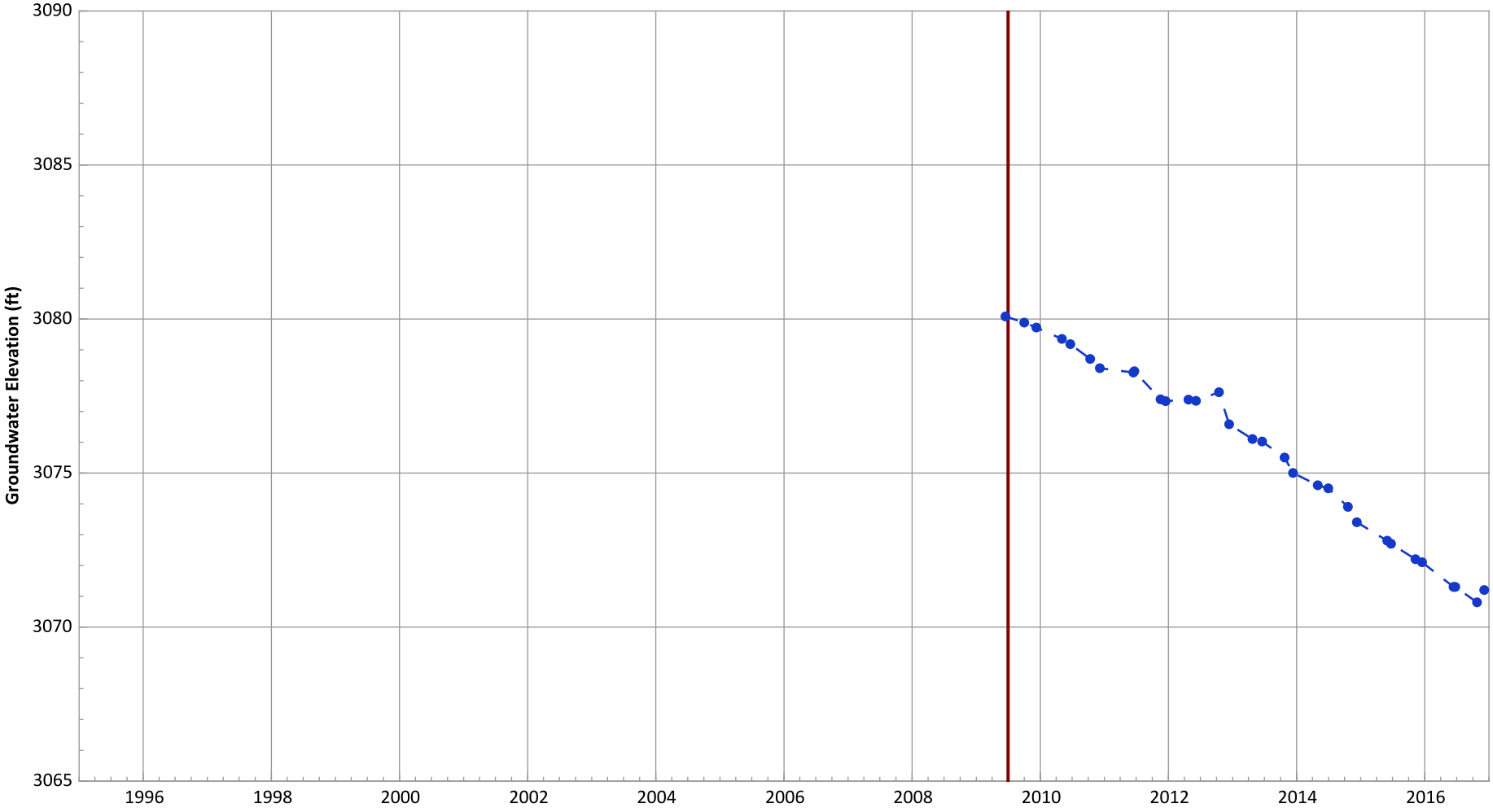
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.64 ft/yr
2014 - 2016 Data: Decreasing at 1.16 ft/yr

PTX06-1138 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

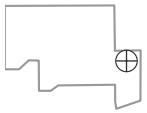


Notes:
1. Top of screen elevation is 3094.47 ft msl.
2. The bottom of screen elevation is 2949.47 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

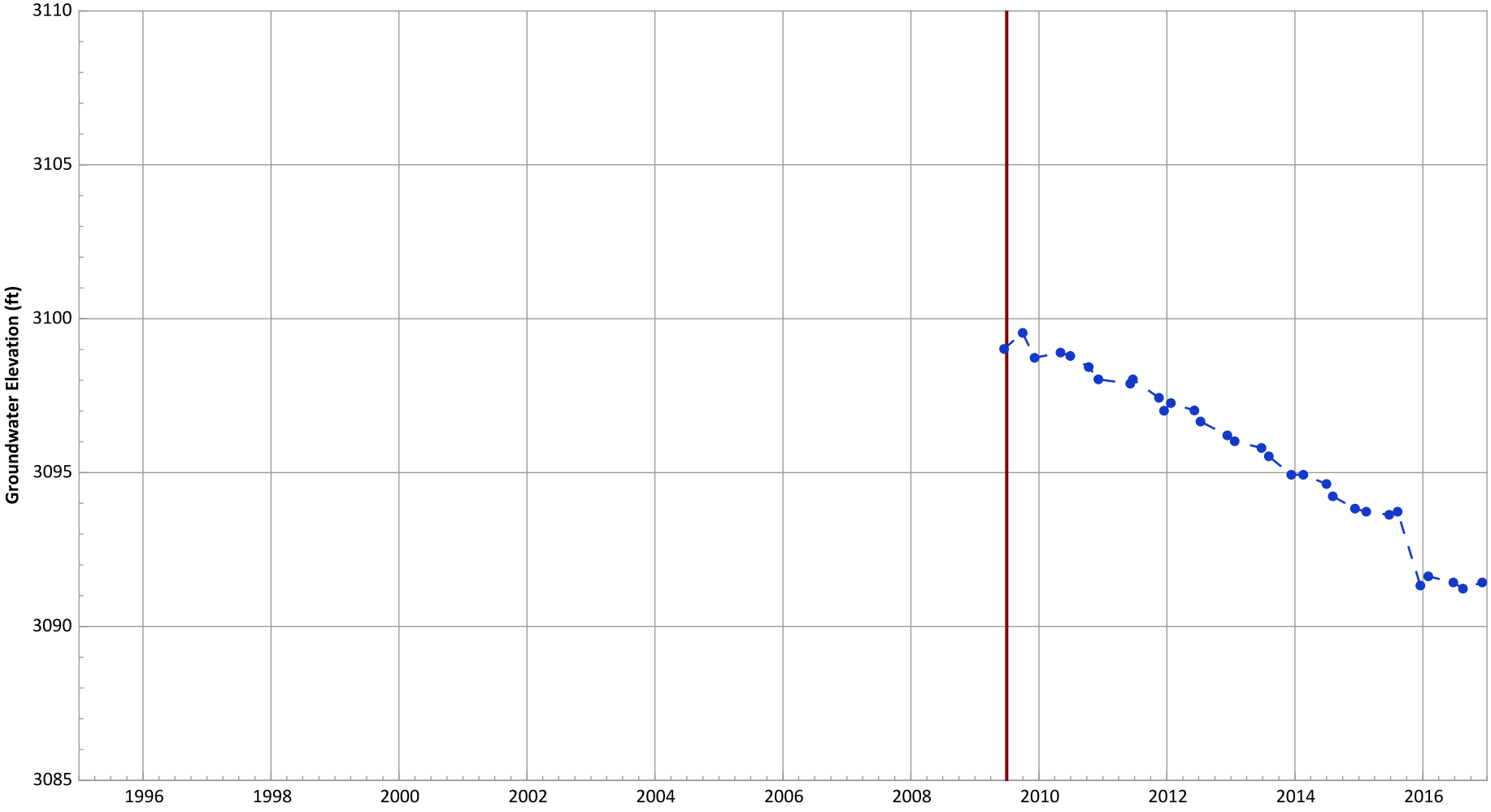
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.29 ft/yr
2014 - 2016 Data: Decreasing at 1.25 ft/yr

PTX06-1139 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

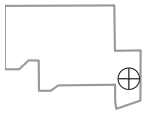


Notes:
1. Top of screen elevation is 3129.41 ft msl.
2. The bottom of screen elevation is 2979.41 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

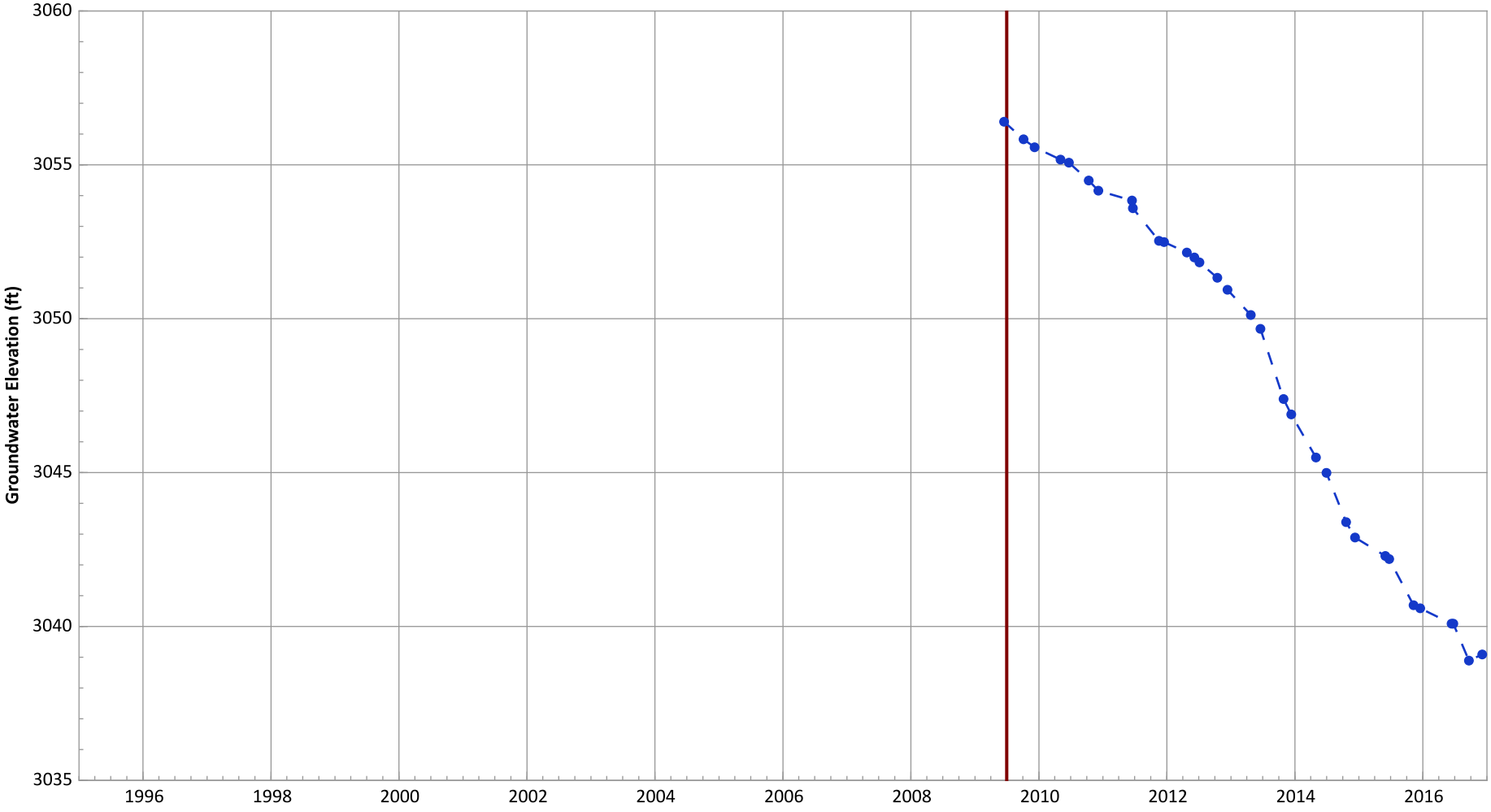
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.16 ft/yr
2014 - 2016 Data: Decreasing at 1.64 ft/yr

PTX06-1140 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

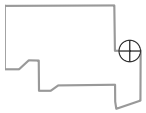


Notes:
1. Top of screen elevation is 3067.33 ft msl.
2. The bottom of screen elevation is 2847.33 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

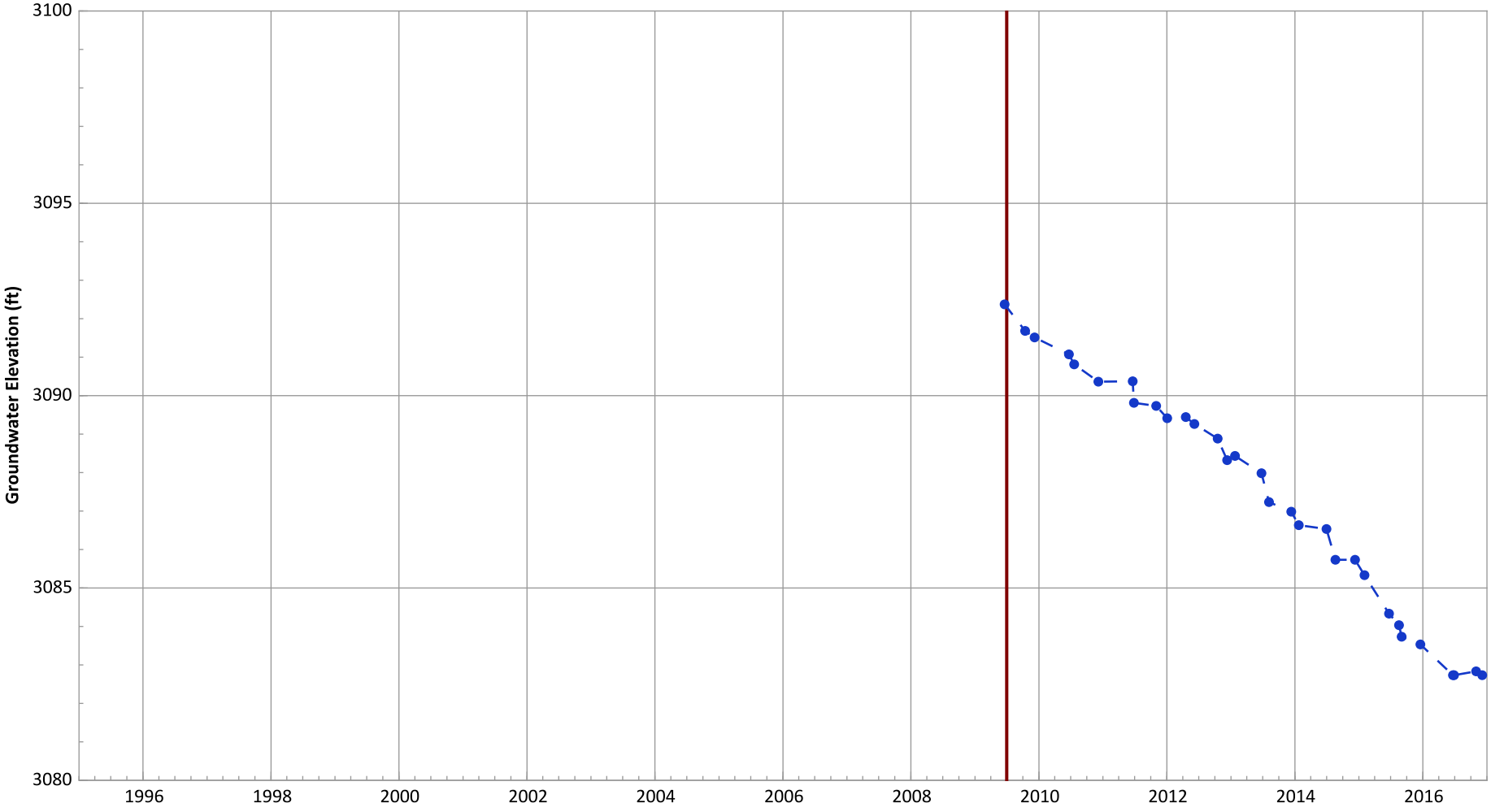
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 2.62 ft/yr
2014 - 2016 Data: Decreasing at 2.14 ft/yr

PTX06-1141 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

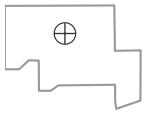


Notes:
1. Top of screen elevation is 3095.57 ft msl.
2. The bottom of screen elevation is 2885.57 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

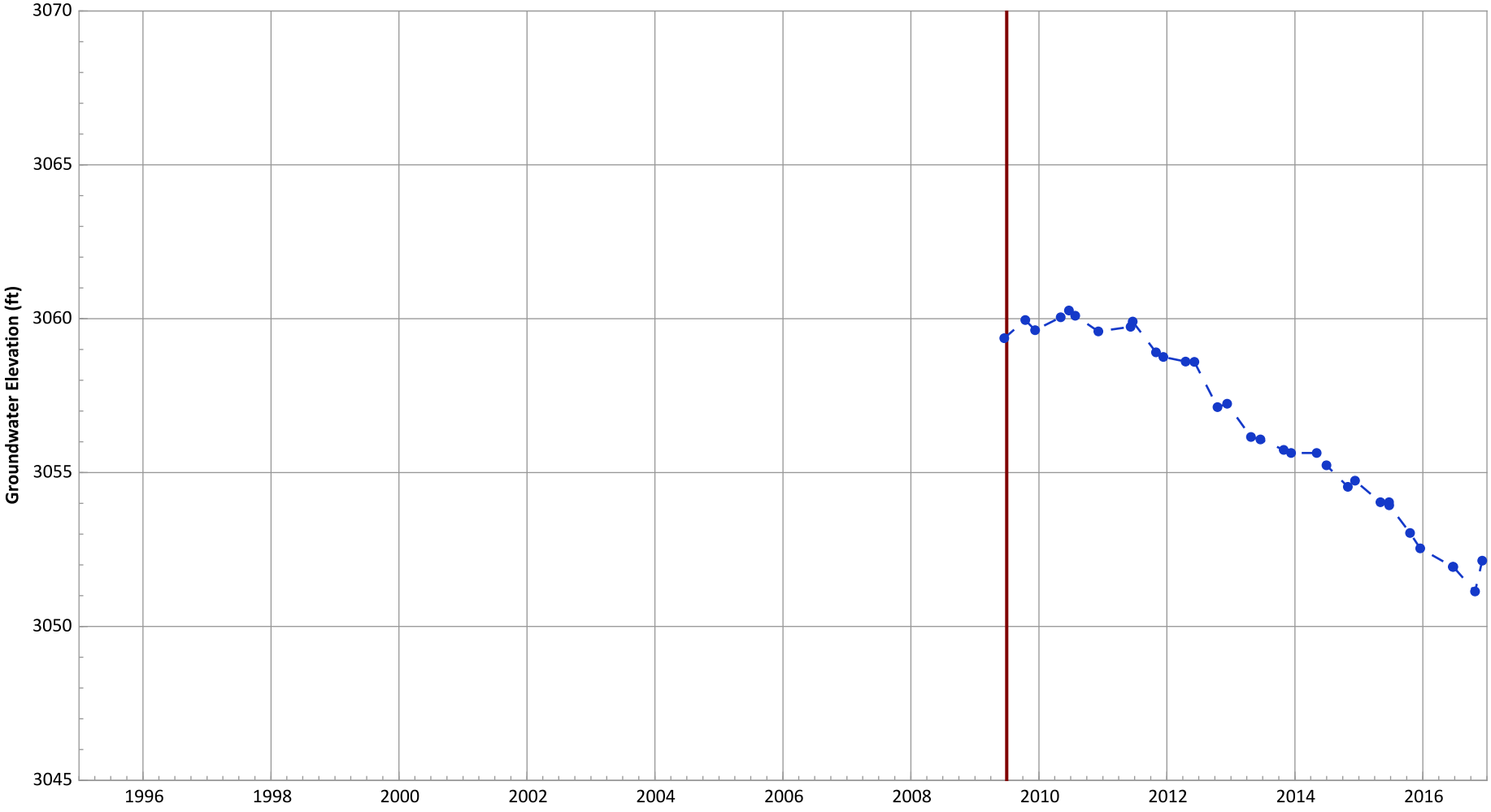
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.35 ft/yr
2014 - 2016 Data: Decreasing at 1.32 ft/yr

PTX06-1143 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

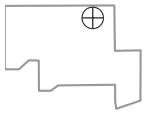


Notes:
1. Top of screen elevation is 3065.99 ft msl.
2. The bottom of screen elevation is 2765.99 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

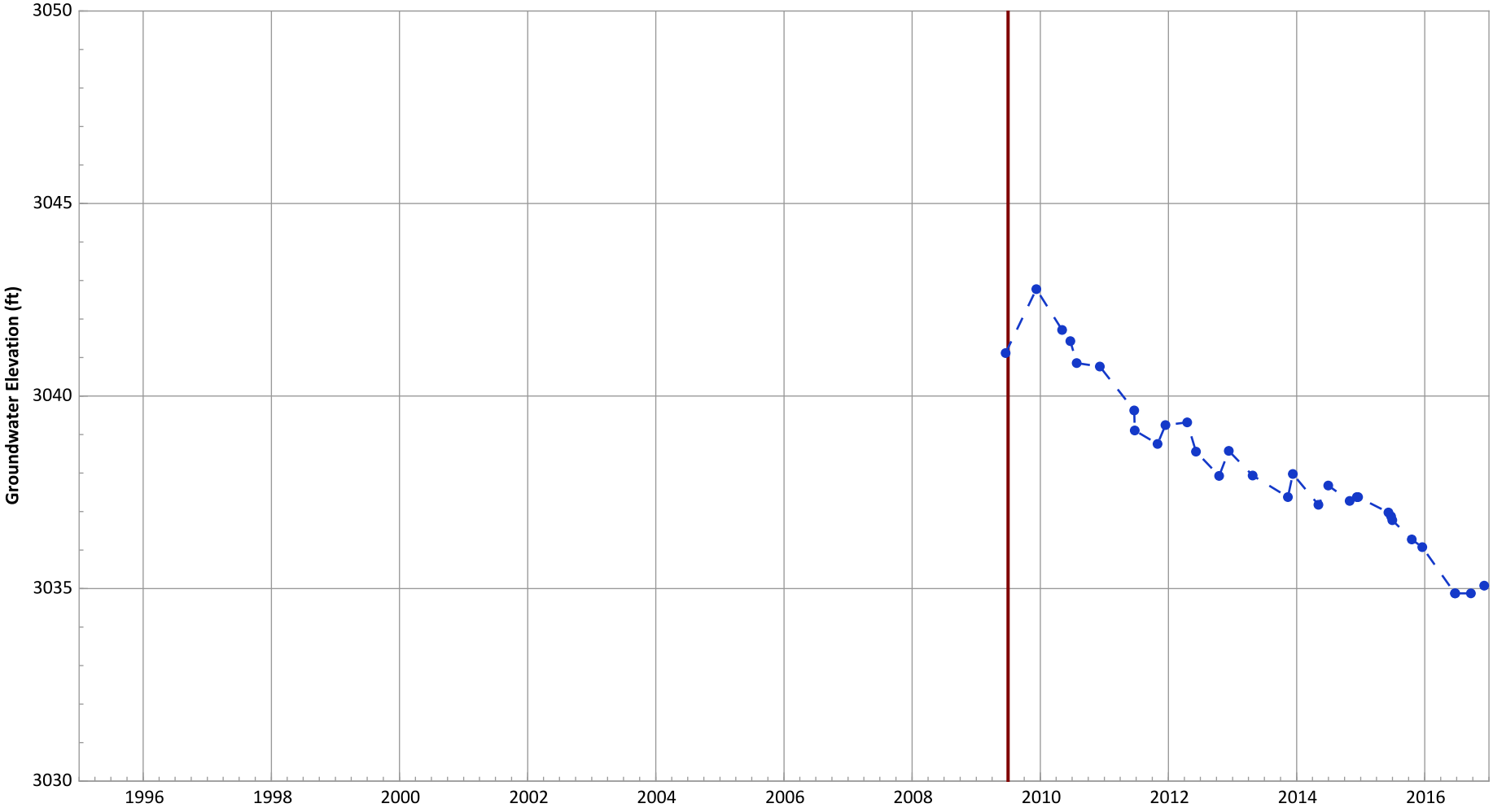
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.31 ft/yr
2014 - 2016 Data: Decreasing at 1.65 ft/yr

PTX06-1144 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

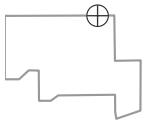


Notes:
1. Top of screen elevation is 3041.34 ft msl.
2. The bottom of screen elevation is 2726.34 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

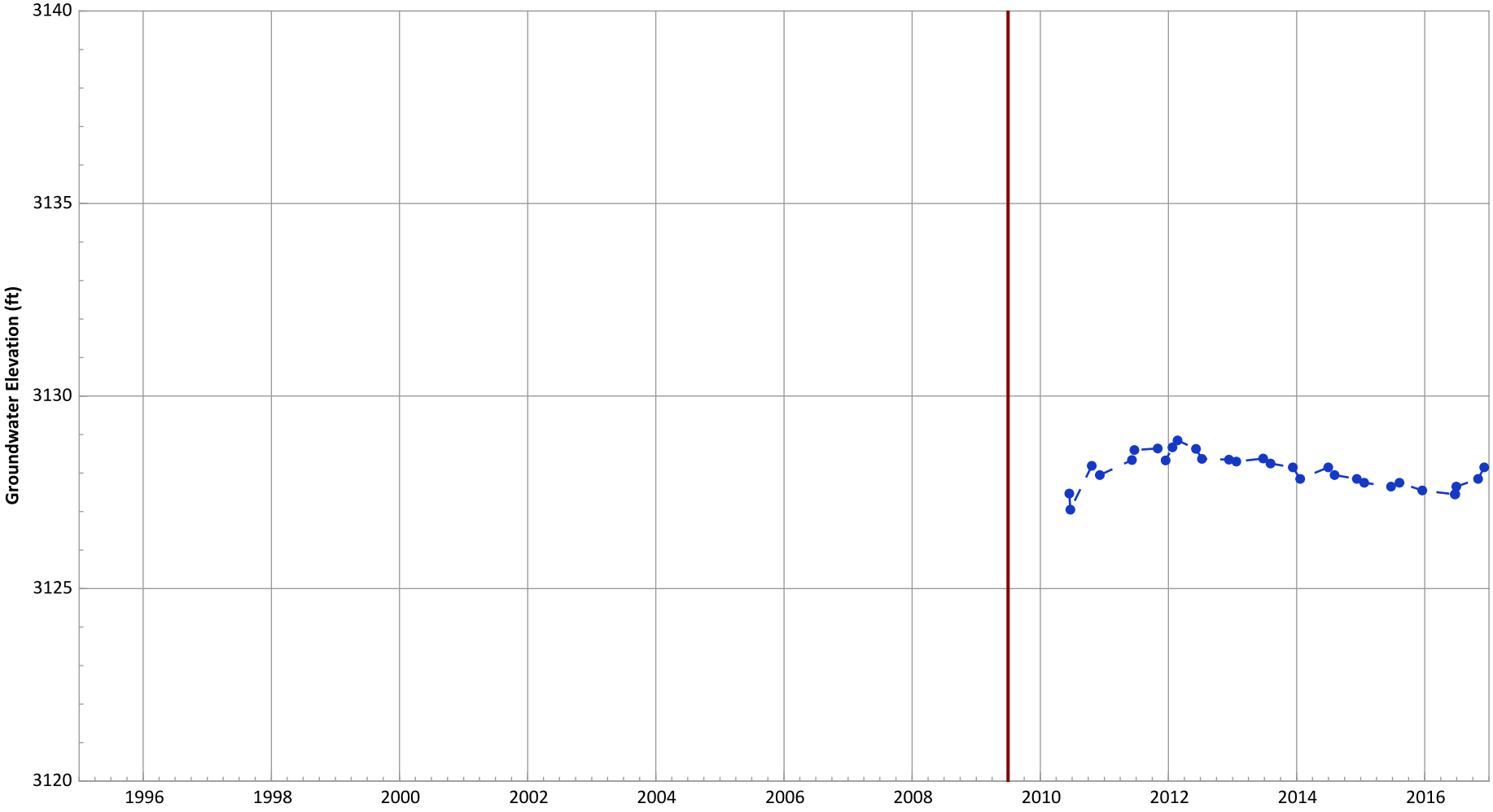
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.92 ft/yr
2014 - 2016 Data: Decreasing at 1.53 ft/yr

PTX06-1157 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

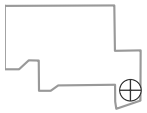


Notes:
1. Top of screen elevation is 3143.59 ft msl.
2. The bottom of screen elevation is 2998.59 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

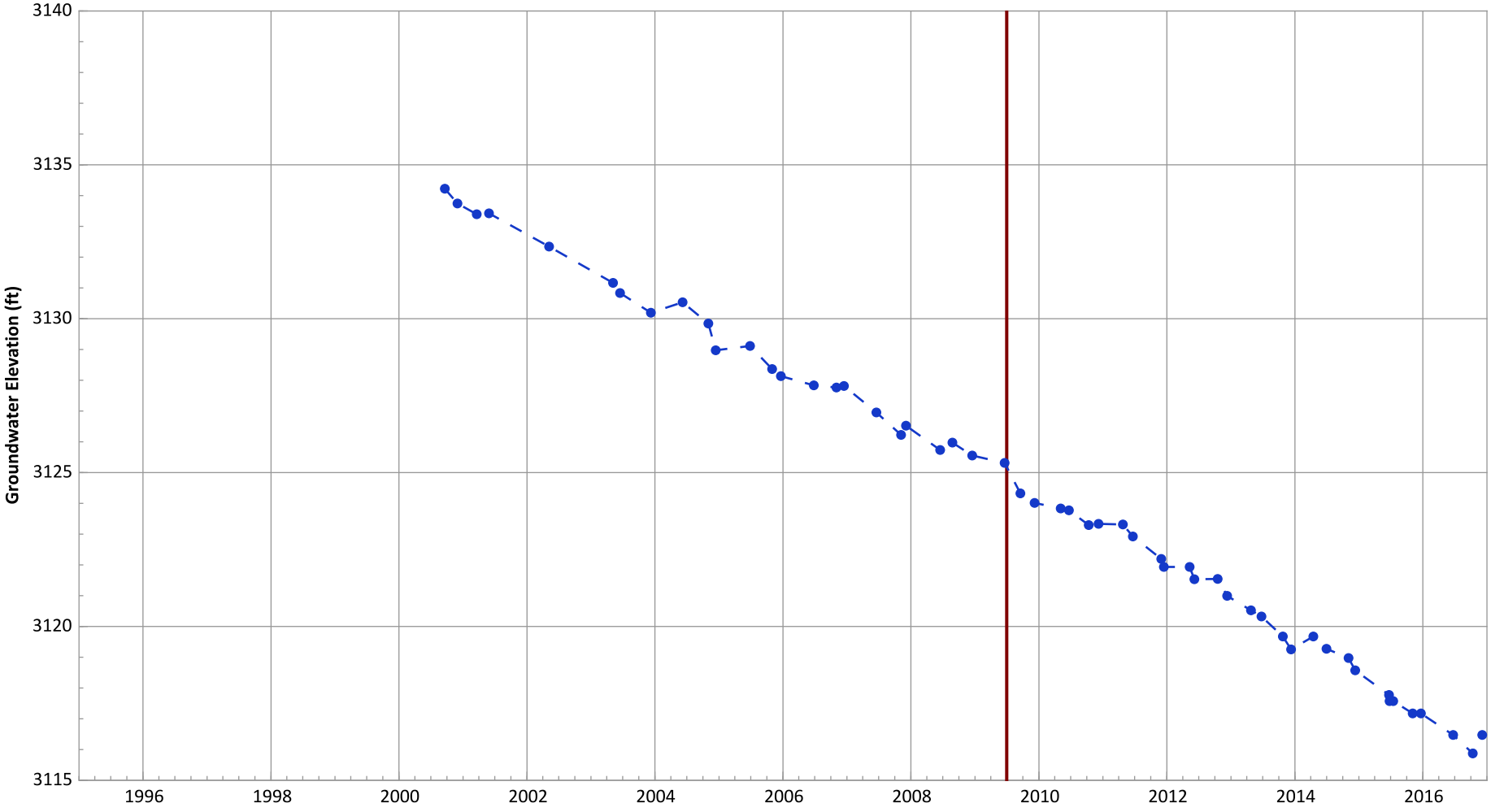
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): No Trend
2014 - 2016 Data: No Trend

PTX07-1R01 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant



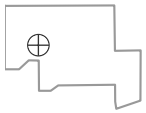
Notes:
1. Top of screen elevation is 3164.47 ft msl.
2. The bottom of screen elevation is 2974.47 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

Groundwater Elevation

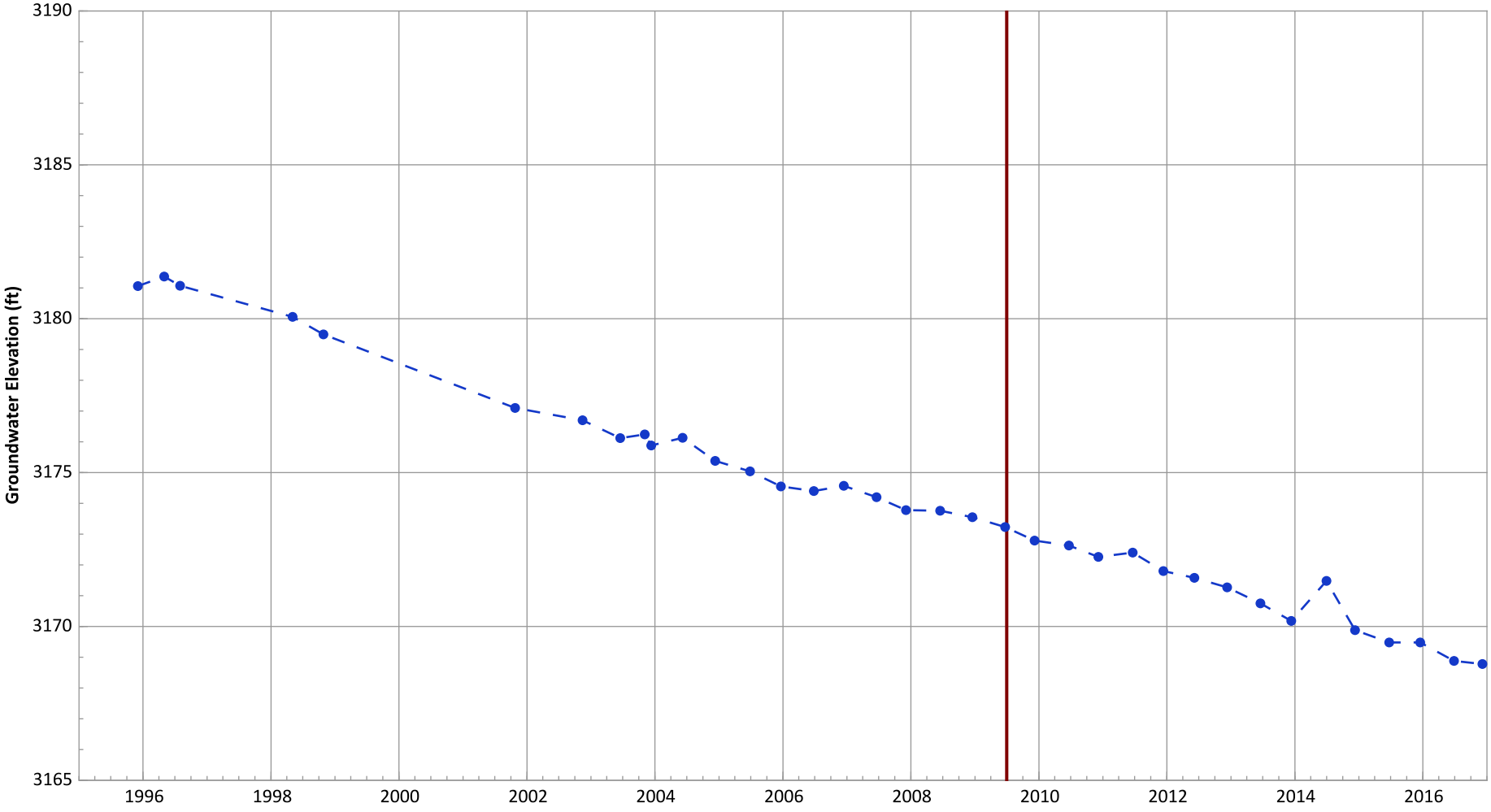
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 1.19 ft/yr
2014 - 2016 Data: Decreasing at 1.07 ft/yr

PTX08-1011A Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

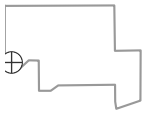


Notes:
1. Top of screen elevation is 3165.26 ft msl.
2. The bottom of screen elevation is 3135.26 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2017

Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
Data (7/2009 - 12/2016): Decreasing at 0.59 ft/yr
2014 - 2016 Data: Decreasing at 0.56 ft/yr

Appendix G
Well Certifications and Completion Diagrams

U.S. Department of Energy/National Nuclear Security Administration – Pantex Plant
Amarillo, Texas

Certification of Well Construction
Industrial Solid Waste Registration No. 30459
Hazardous Waste Permit No. 50284
EPA Identification No. TX4890110527

Certification Statement:

This is to certify that the construction and plugging and abandonment of the following facility components authorized or required by Texas Commission On Environmental Quality HW-50284 Provision XI Compliance Plan has been completed, and that construction and plugging and abandonment of said components has been performed in accordance with and in compliance with the design and construction specifications of Provision XI Compliance Plan Attachment C of HW-50284:

- Construction of Long-Term Monitoring Observation wells PTX06-1071 (replacement), PTX06-1182, PTX06-1183, PTX06-EW-82, PTX06-EW-83, PTX06-EW-84, PTX06-EW-87, PTX06-EW-88.
- Plugging and abandonment of PTX06-1071 (original) and PTX06-1124 monitoring wells.

4/3/2017

Tony Biggs — Date

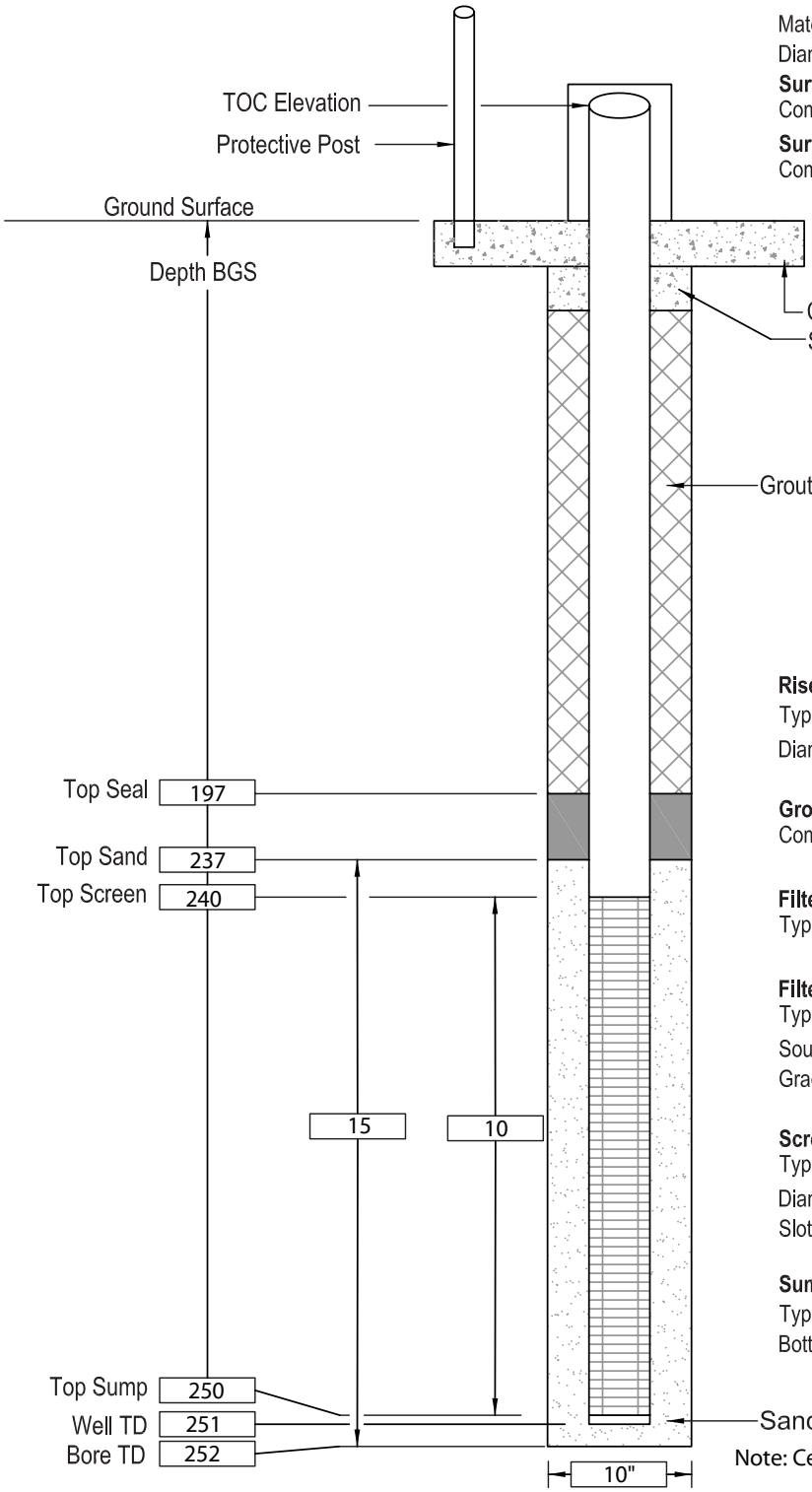
Licensed Professional Geologist No. 2693
Environmental Projects
Consolidated Nuclear Security, LLC

Well Installation Diagram

Project: Pantex BOA 70 Release 2
Location: Northeast Corner Pantex Plant
Contractor: Stoller Newport News Nuclear
Driller: National Exploration Wells Pumps
Well Coordinates: 3773227.97 N 642605.58 E
TOC Elevation: 3531.15 ft amsl
Surface Elevation: 3529.16 ft amsl

Well No: PTX06-1071
Well Type: Groundwater Monitoring
Date Constructed: 07/11/2016
Observed By: R Rupp

Sheet 1 of 1



Protective Casing
Material Steel
Diameter 10-inches with Royer Locking Cover and J Plug

Surface Pad
Composition & Size Concrete, 5' X 5' X 8" thick w/ 4 bollards

Surface Seal
Composition & Thickness Concrete, 2 feet poured with the pad

Riser Pipe
Type Monoflex Threaded Flush Joint Schedule 80 PVC
Diameter 4.50-inches OD; 3.786-inches ID

Grout
Composition Baroid Quik-Grout, 20% Solids Bentonite, 25 bags

Filter Pack Seal
Type PDS Bentonite Chips, 27 bags

Filter Pack
Type Silica Sand, 27 bags
Source Premier Silica, Brady Texas
Gradation 10/20

Screen
Type Monoflex Threaded Flush Joint Schedule 80 PVC
Diameter 4.50-inches OD; 3.786-inches ID
Slot Size 0.020 (20 slot)

Sump
Type Monoflex Threaded Flush Joint Schedule 80 PVC
Bottom Cap Schedule 80 PVC

Note: Centralizers top and bottom of screen and every 40' on casing

PTX06-1071

Pantex BOA 70 Release 2 **Northeast Corner of Pantex Plant** **DOE Pantex Plant**

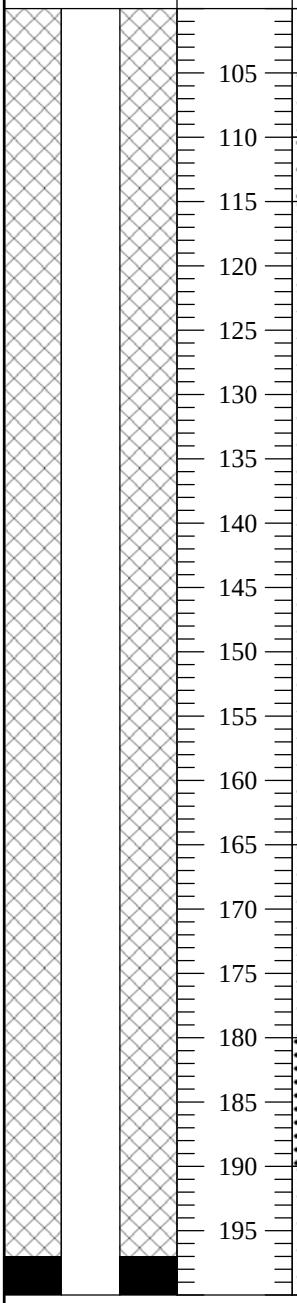
SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432415	Northing: 3773227.97 Easting: 642605.58
Drilling Contractor: National EWP Lic. #4885 W. Bludworth	TD Borehole: 252 ft bgs TD Well: 251 ft bgs
Dates Drilled: 07/10/16 Date Completed: 07/11/16	Depth to Water: 221.65 ft bgs
Borehole Diameter: 10" Drilling Method: ARCH	Well Type: Monitoring Well, 4" Sch. 80 PVC
Ground Elevation: 3529.16 ft amsl	Top of Casing Elevation: 3531.15 ft amsl

Completion	Depth (Ft.)	Lithology	USCS	Description	Sample	Sample Number
			CL	0' - 5' CLAY reddish brown (5YR 4/3), silty clay loam, medium plastic, cohesive, medium stiff, dry, trace caliche		
	5, 10, 15		ML	5' - 20' SILT, reddish brown (5YR 5/4), non-plastic, non-cohesive, medium stiff, dry		
	20, 25, 30		ML	20' - 35' SILT, yellowish red (5YR 5/6), trace very fine grain sand, non-plastic, non-cohesive, soft, dry, minor hard caliche nodes to 5 mm		
	35, 40		ML	35' - 45' SILT, reddish yellow (5YR 6/6), non-plastic, non-cohesive, dry, minor caliche		
	45, 50		ML	45' - 55' clayey SILT, reddish brown (5YR 5/4), non-plastic, non-cohesive, medium stiff, dry		
	55, 60		ML	55' - 65' SILT, light reddish brown (5YR 6/4), non-plastic, non-cohesive, soft, dry, some caliche nodes to 3 mm		
	65		ML	65' - 70' clayey sandy SILT, yellowish red (5YR 5/6), <15% very fine grain sand, non-plastic, non-cohesive, some caliche		
	70, 75		ML	70' - 78' sandy SILT, yellowish red (5YR 5/8), 25% fine and very fine grain sand, non-plastic, soft, caliche nodes to 2 cm		
	80		SLT-STN	78' - 83' SILTSTONE, caliche caprock, white (5YR 8/1) to chalk white, well developed calcrete, dry		
	85		SP	83' - 90' SAND, reddish yellow (5YR 6/6), very fine grain sand, some fine grain rounded sand, loose, dry		
	90, 95		ML	90' - 105' sandy SILT, pink (5YR 7/4), < 15% fine grain subrounded sand, abundant caliche with nodes to 3 cm, stiff, dry		

PTX06-1071

Pantex BOA 70 Release 2 **Northeast Corner of Pantex Plant** **DOE Pantex Plant**

SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432415	Northing: 3773227.97 Easting: 642605.58
Drilling Contractor: National EWP Lic. #4885 W. Bludworth	TD Borehole: 252 ft bgs TD Well: 251 ft bgs
Dates Drilled: 07/10/16 Date Completed: 07/11/16	Depth to Water: 221.65 ft bgs
Borehole Diameter: 10" Drilling Method: ARCH	Well Type: Monitoring Well, 4" Sch. 80 PVC
Ground Elevation: 3529.16 ft amsl	Top of Casing Elevation: 3531.15 ft amsl

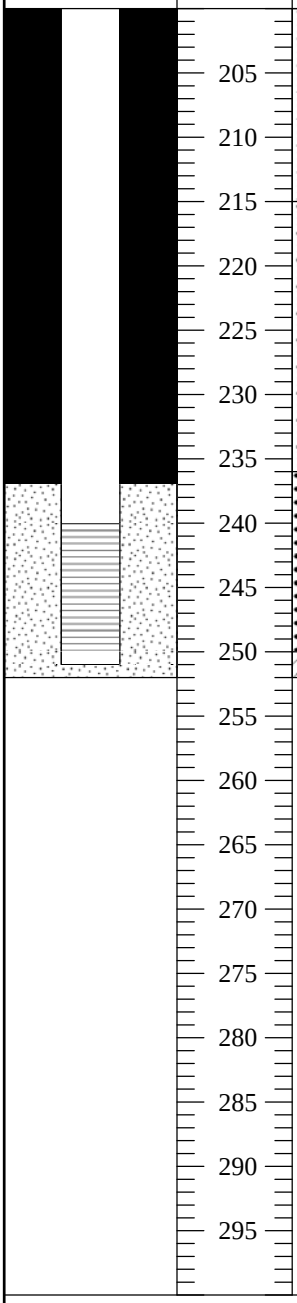


Completion	Depth (Ft.)	Lithology	USCS	Description	Sample	Sample Number
			ML			
	105		SP	105' - 110' SAND, pink (5YR 7/4), 80% fine grain, 20% very fine grain, subrounded, loose, dry		
	110		SM	110' - 115' silty SAND, pink (7.5YR 7/4), 60% sand, 40% silt, very fine grain sand with some fine grain sand and caliche, loose, dry		
	115		SP	115' - 165' SAND, light brown (7.5YR 6/4), 80% fine grain, 20% very fine grain, rounded to subrounded, loose, dry Slight color variations prevalent throughout with occassional minor silty intervals (most prominent silt at 127'); mainly clean quartz sand		
	120					
	125					
	130					
	135					
	140					
	145					
	150					
	155					
	160					
	165		SP	165' - 180' SAND, pink (7.5YR 7/4), 60% fine grain, 40% medium grain, subangular to subrounded, mainly loose and dry with a few cemented sandstone nodes		
	170					
	175					
	180		SW	180' - 190' SAND, reddish yellow (7.5YR 6/6), 60% fine grain, 30% very fine grain, 10% medium grain, graded, generally loose with some cemented nodes, dry		
	185					
	190		SP	190' - 215' SAND, light brown (7.5YR 6/4), 80% fine grain, 10% very fine grain, subrounded, loose with some cemented nodes to 2.5 cm, dry		
	195					

PTX06-1071

Pantex BOA 70 Release 2 **Northeast Corner of Pantex Plant** **DOE Pantex Plant**

SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432415	Northing: 3773227.97 Easting: 642605.58
Drilling Contractor: National EWP Lic. #4885 W. Bludworth	TD Borehole: 252 ft bgs TD Well: 251 ft bgs
Dates Drilled: 07/10/16 Date Completed: 07/11/16	Depth to Water: 221.65 ft bgs
Borehole Diameter: 10" Drilling Method: ARCH	Well Type: Monitoring Well, 4" Sch. 80 PVC
Ground Elevation: 3529.16 ft amsl	Top of Casing Elevation: 3531.15 ft amsl



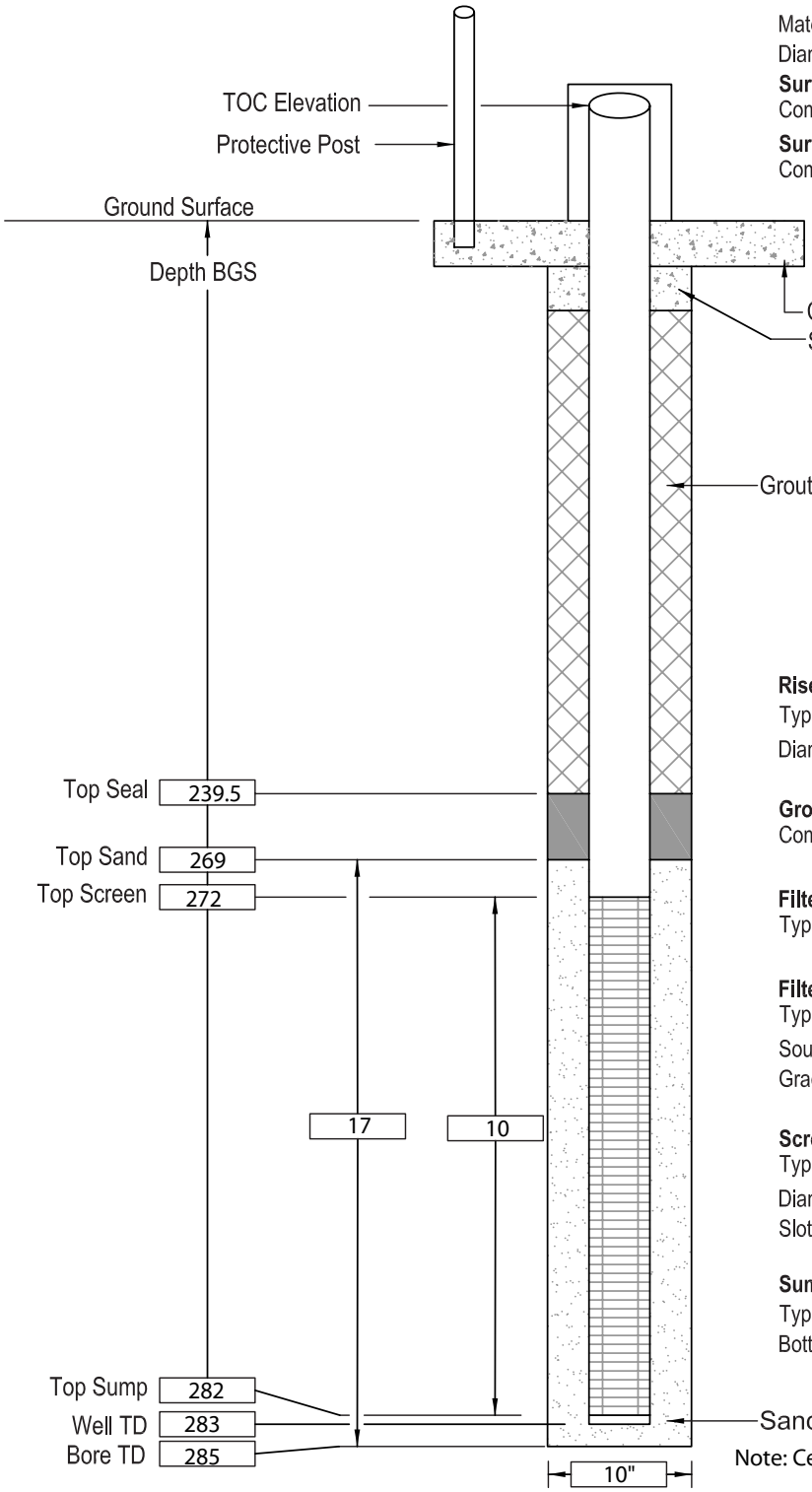
Depth (Ft.)	Lithology	USCS	Description	Sample	Sample Number
205–215		SP			
215–235		SM	215' - 236' silty SAND, strong brown (7.5YR 5/6), fine and very fine grain sand with cemented sandstone nodes to 2 cm and >15% non-plastic silt, poorly graded, generally loose, saturated at 222' bgs		
235–250		SW-SM	236' - 250' silty gravelly SAND, strong brown (7.5YR 5/6), well graded sand with about 10% non-plastic fines and >15% gravel, saturated		
250–252		CL	250' - 252' FINE GRAIN ZONE, lean CLAY, brown (7.5YR 5/4) when moist, dries to reddish yellow (7.5YR 7/6), medium plastic, cohesive, very stiff to hard, moist to dry with depth Borehole total depth 252' bgs Split-spoon sample collected at 252' - 252.5', hard clay	■	PTX06-1071 Triaxial Permeability ASTM D5084 4.0E-10 cm/s

Well Installation Diagram

Project: Pantex BOA 70 Release 2
Location: 3,200' East of FM-2373 and 1,200' South of Cty Rd 8
Contractor: Stoller Newport News Nuclear
Driller: National Exploration Wells Pumps
Well Coordinates: 3751088.49 N 647140.17 E
TOC Elevation: 3517.32 ft amsl
Surface Elevation: 3515.30 ft amsl

Well No: PTX06-1182
Well Type: Groundwater Monitoring
Date Constructed: 07/08/2016
Observed By: R Rupp

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches with Royer Locking Cover and J Plug

Surface Pad
Composition & Size: Concrete, 5' X 5' X 8" thick w/ 4 bollards

Surface Seal
Composition & Thickness: Concrete, 2 feet poured with the pad

Riser Pipe
Type: Monoflex Threaded Flush Joint Schedule 80 PVC
Diameter: 4.50-inches OD; 3.786-inches ID

Grout
Composition: Baroid Quik-Grout, 20% Solids Bentonite, 39 bags

Filter Pack Seal
Type: PDS Bentonite Chips, 22 bags

Filter Pack
Type: Silica Sand, 20 bags
Source: Premier Silica, Brady Texas
Gradation: 10/20

Screen
Type: Monoflex Threaded Flush Joint Schedule 80 PVC
Diameter: 4.50-inches OD; 3.786-inches ID
Slot Size: 0.020 (20 slot)

Sump
Type: Monoflex Threaded Flush Joint Schedule 80 PVC
Bottom Cap: Schedule 80 PVC

Note: Centralizers top and bottom of screen and every 40' on casing

PTX06-1182

Pantex BOA 70 Release 2 **East of FM-2373 & South of Cty Rd 8** **DOE Pantex Plant**

SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432407	Northing: 3751088.49 Easting: 647140.17
Drilling Contractor: National EWP Lic. #4885 W. Bludworth	TD Borehole: 285 ft bgs TD Well: 283 ft bgs
Dates Drilled: 07/07/16 Date Completed: 07/08/16	Depth to Water: 275.27 ft bgs
Borehole Diameter: 10" Drilling Method: ARCH	Well Type: Monitoring Well, 4" Sch. 80 PVC
Ground Elevation: 3515.30	Top of Casing Elevation: 3517.32

Completion	Depth (Ft.)	Lithology	USCS	Description	Sample	Sample Number
			CL	0' - 5' lean CLAY, dark reddish brown (5YR 3/3), medium plastic, cohesive, dry		
	5, 10, 15, 20, 25		ML	5' - 25' clayey SILT, reddish brown (5YR 5/4), non-plastic, non-cohesive, mottled with caliche, dry		
	30		ML	25' - 35' SILT, yellowish red (5YR 5/8), non-plastic, non-cohesive, prevalent caliche stringers, dry		
	35		ML	35' - 40' SILT, light reddish brown (5YR 6/4), non-plastic, non-cohesive, caliche nodes to 1cm, dry		
	40, 45, 50, 55, 60, 65		ML	40' - 65' sandy SILT, yellowish red (5YR 5/8), non-plastic, non-cohesive, >30% fine grain sand, caliche nodes to 4 cm, dry		
	70, 75, 80		ML	65' - 80' sandy SILT, light reddish brown (5YR 6/4), non-plastic, non-cohesive, >30% fine grain sand, cemented fine grain nodes to 3 cm, dry		
	85		CL	80' - 87' silty CLAY, yellowish red (5YR 5/6), low plasticity, non-cohesive, trace fine grain sand, dry		
	90		SLT-STN	SILTSTONE, caprock caliche, pink (5YR 7/3), rock flour cuttings with hard nodes to 3 cm, dry		
	95		ML	95' - 100' sandy SILT, pink (5YR 7/4), transition from caliche caprock to sand		

PTX06-1182

Pantex BOA 70 Release 2 **East of FM-2373 & South of Cty Rd 8** **DOE Pantex Plant**

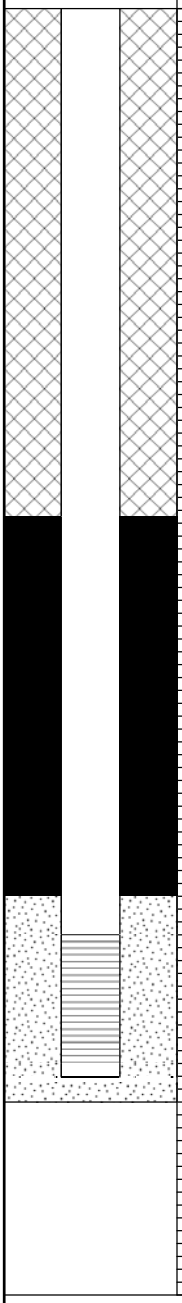
SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432407	Northing: 3751088.49 Easting: 647140.17
Drilling Contractor: National EWP Lic. #4885 W. Bludworth	TD Borehole: 285 ft bgs TD Well: 283 ft bgs
Dates Drilled: 07/07/16 Date Completed: 07/08/16	Depth to Water: 275.27 ft bgs
Borehole Diameter: 10" Drilling Method: ARCH	Well Type: Monitoring Well, 4" Sch. 80 PVC
Ground Elevation: 3515.30	Top of Casing Elevation: 3517.32

Completion	Depth (Ft.)	Lithology	USCS	Description	Sample	Sample Number
	105, 110, 115		SP-SM	100' - 115' silty SAND, reddish yellow (5YR 6/6), poorly graded very fine grain sand, >15% non-plastic fines, dry		
	120, 125		SP-SM	115' - 125' silty SAND, strong brown (7.5YR 5/6), 90% very fine grain sand (trace fine grain sand), 10% silt, poorly graded, loose, dry		
	130, 135		SP	125' - 135' SAND, reddish yellow (7.5YR 6/6), poorly graded, very fine and fine grain sand, loose, dry		
	140, 145, 150		SP	135' - 150' SAND, 100% sand, pink (7.5YR 7/4), 50% fine grain, 50% medium and very fine grain, subrounded to rounded grains, loose, dry		
	155, 160		SM	150' - 160' silty SAND, pink (7.5YR 7/3), 90% very fine grain sand, <10% silt, generally loose with weakly cemented lenses, dry		
	165, 170, 175		SP	160' - 175' SAND, light brown (7.5YR 6/4), poorly graded, 85% fine grain, 15% very fine grain, subrounded to rounded, loose, dry		
	180, 185		SP	175' - 185' SAND, pink (7.5YR 7/4), poorly graded fine grain sand, subrounded to rounded, loose, dry, predominantly quartz with some feldspar grains		
	190, 195		SP	185' - 200' SAND, light brown (7.5YR 6/4), 80% very fine grain sand, 20% fine grain, loose, dry, some cemented sandstone nodes to 3 cm		

PTX06-1182

Pantex BOA 70 Release 2 **East of FM-2373 & South of Cty Rd 8** **DOE Pantex Plant**

SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432407	Northing: 3751088.49 Easting: 647140.17
Drilling Contractor: National EWP Lic. #4885 W. Bludworth	TD Borehole: 285 ft bgs TD Well: 283 ft bgs
Dates Drilled: 07/07/16 Date Completed: 07/08/16	Depth to Water: 275.27 ft bgs
Borehole Diameter: 10" Drilling Method: ARCH	Well Type: Monitoring Well, 4" Sch. 80 PVC
Ground Elevation: 3515.30	Top of Casing Elevation: 3517.32



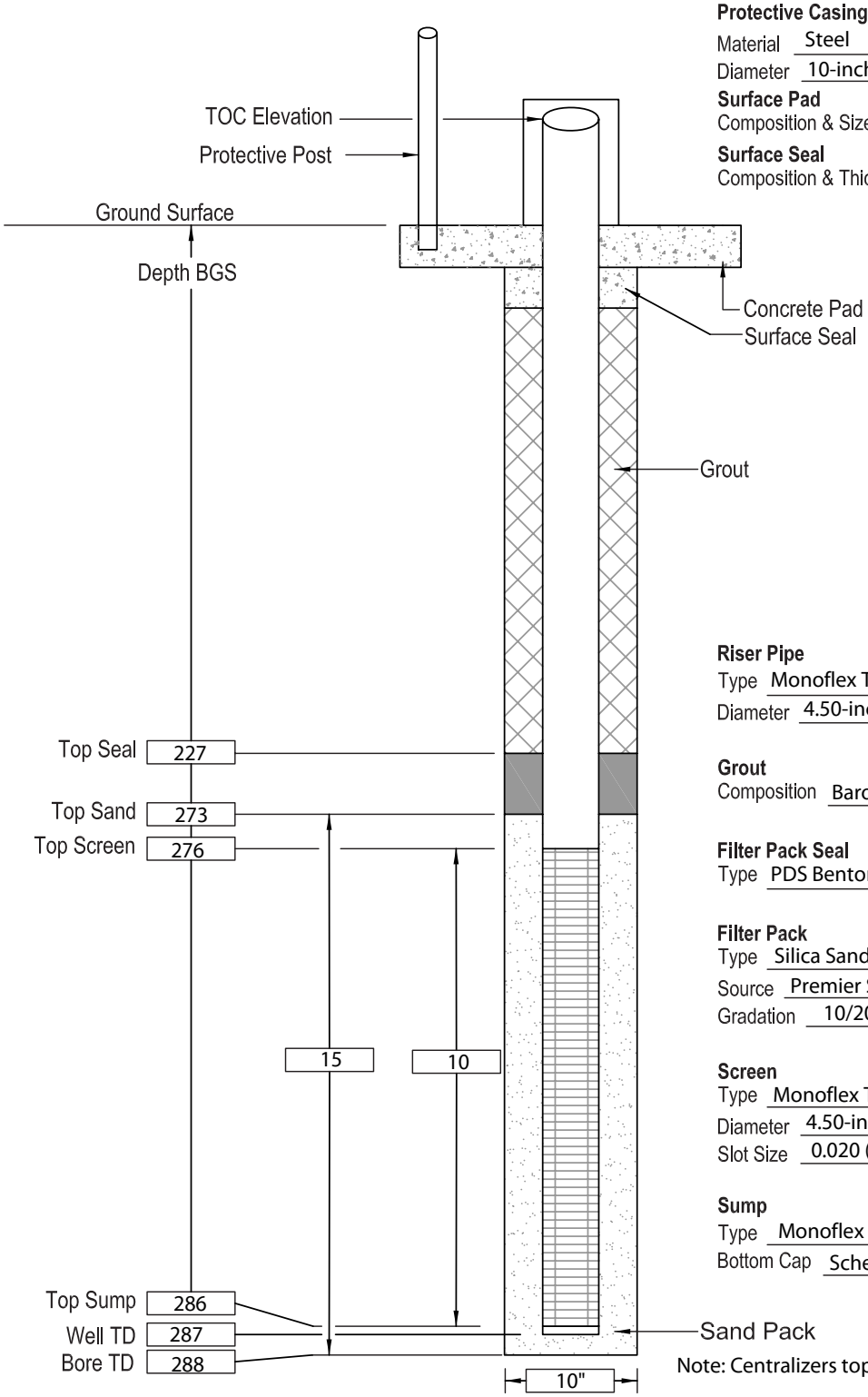
Depth (Ft.)	Lithology	USCS	Description	Sample	Sample Number
205		SW	200' - 205' SAND, light brown (7.5YR 6/4), well graded coarse to fine sand, subrounded to subangular, some 3 mm caliche nodes, loose, dry		
210		SW	205' - 210' SAND, very pale brown (10YR 7/4), well graded fine to coarse grain sand, rounded to subrounded, loose, dry		
215		GP	210' - 220' sandy GRAVEL, very pale brown (10YR 7/4), >15% well graded sand, large gravel to 5 cm, subangular to subrounded, dense, dry, arkosic appearance		
220		SW	220' - 225' SAND, very pale brown (10YR 7/4), wel graded, loose, dry		
225		SP	225' - 235' SAND, light brown (7.5YR 5/4), poorly grade, fine grain, loose, damp		
230					
235		GP	235' - 255' sandy GRAVEL, matrix color pale brown (10YR 6/3), poorly graded small gravel with >15% sand, dense, dry @ 235' - 245' sandy peagravel		
240					
245			@ 245' - 250' 5% gravel		
250			@ 250' - 255' 60% gravel		
255		SW	255' - 265' SAND, light yellowish brown (10YR 6/4), well graded coarse to fine grain sand, subrounded, loose, dry		
260					
265		SW	265' - 275' gravelly SAND, light yellowish brown (10YR 6/4), 40% gravel, well graded coarse to fine grain sand, subrounded to subangular, loose to medium dense, subrounded gravel to 5 cm, moist		
270					
275		SW	275' - 280.5' SAND, yellowish brown (10YR 5/6), well graded fine to coarse grain, subrounded to angular, saturated		
280		GP	280.5' - 282' GRAVEL. poorly graded, dense, saturated		
		SLT-STN	282' - 285' Fine Grain Zone, sandy SILT, pink (7.5YR 7/4), very fine grain sand, some caliche, some clay, low plasticity, cohesive, damp to dry, very stiff to hard Borehole total depth 285' bgs		PTX06-1182 Triaxial Permeability ASTM D5084 1.1E-07 cm/s
285			Split-spoon sample collected at 285' - 285.5', hard silt		
290					
295					

Well Installation Diagram

Project: Pantex BOA 70 Release 2
Location: Southwest Edge of SEPTS Wellfield on TTU
Contractor: Stoller Newport News Nuclear
Driller: National Exploration Wells Pumps
Well Coordinates: 3753350.43 N 639765.77 E
TOC Elevation: 3534.32 ft amsl
Surface Elevation: 3532.36 ft amsl

Well No: PTX06-1183
Well Type: Groundwater Monitoring
Date Constructed: 07/13/2016
Observed By: R Rupp

Sheet 1 of 1



Protective Casing
Material Steel
Diameter 10-inches with Royer Locking Cover and J Plug

Surface Pad
Composition & Size Concrete, 5' X 5' X 8" thick w/ 4 bollards

Surface Seal
Composition & Thickness Concrete, 2 feet poured with the pad

Riser Pipe
Type Monoflex Threaded Flush Joint Schedule 80 PVC
Diameter 4.50-inches OD; 3.786-inches ID

Grout
Composition Baroid Quik-Grout, 20% Solids Bentonite, 40 bags

Filter Pack Seal
Type PDS Bentonite Chips, 35 bags

Filter Pack
Type Silica Sand, 24 bags
Source Premier Silica, Brady Texas
Gradation 10/20

Screen
Type Monoflex Threaded Flush Joint Schedule 80 PVC
Diameter 4.50-inches OD; 3.786-inches ID
Slot Size 0.020 (20 slot)

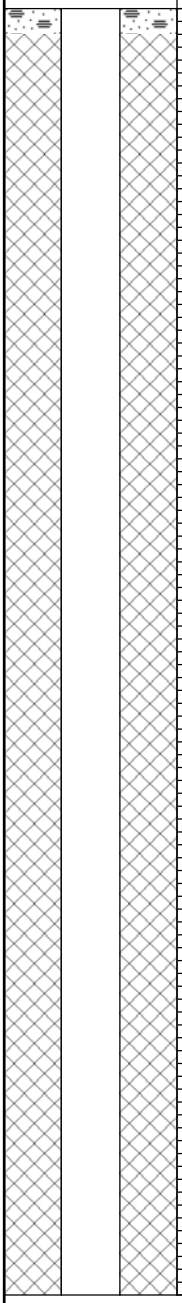
Sump
Type Monoflex Threaded Flush Joint Schedule 80 PVC
Bottom Cap Schedule 80 PVC

Note: Centralizers top and bottom of screen and every 40' on casing

PTX06-1183

Pantex BOA 70 Release 2 **Southwest Edge of SEPTS Wellfield on TTU** **DOE Pantex Plant**

SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432413	Northing: 3753350.43 Easting: 639765.77
Drilling Contractor: National EWP Lic. #4884 W. Bludworth	TD Borehole: 288 ft bgs TD Well: 287 ft bgs
Dates Drilled: 07/12/16 Date Completed: 07/13/16	Depth to Water: 277.53 ft bgs
Borehole Diameter: 10" Drilling Method: ARCH	Well Type: Monitoring Well, 4" Sch. 80 PVC
Ground Elevation: 3532.36 ft amsl	Top of Casing Elevation: 3534.32 ft amsl

Completion	Depth (Ft.)	Lithology	USCS	Description	Sample	Sample Number
	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95		CL	0' - 5' lean CLAY, dark reddish gray (5YR 4/2) to dark reddish brown (5YR 3/3), medium plastic, cohesive, stiff, dry		
			ML	5' - 20' clayey SILT, light reddish brown (5YR 6/4) to dark reddish brown (2.5YR 2.5/4), slightly plastic, dry to damp when clay is prevalent, slightly vesicular with manganese blebs and minor caliche		
			ML	20' - 50' clayey SILT to lean CLAY, reddish brown (5YR 5/4), non- to low plasticity, non-cohesive, dry, spotty caliche and manganese inclusions @ 20' - 30' mainly soft silt @ 35' color change to yellowish red (5YR 5/6), increasing clay as thin lenses, some caliche nodules		
			CL	@ 45' color change to light brown (5YR 6/3) as coatings on clayey chunks to 5 cm @ 47' increasing clay and caliche stringers		
			ML	50' - 55' SILT, pink (5YR 7/4), non-plastic, soft, dry, pebbly caliche to 3 cm		
			SM	55' - 70' silty SAND, yellowish red (5YR 5/8), 30% - 40% silt, fine grain rounded sand, abundant caliche granules to 2 cm, dry		
			SM	70' - 77' silty SAND and Caliche, pinkish white (5YR 8/2), 4 - 5 cm chunks of caliche with silty sand as above		
			SP	77' - 80' SAND, yellowish red (5YR 5/6), 100% clean quartz sand, fine grain, rounded, loose, dry		
			SLT-STN	80' - 88' SILTSTONE, caliche caprock, pinkish white (5YR 8/2), big chunks of caliche with trace fine grain sand		
			SP	88' - 100' silty SAND, pink (5YR 7/4), 60% fine and very fine grain sand, 40% caliche silt and broken caliche to 1.5 cm, dry		

PTX06-1183

Pantex BOA 70 Release 2 **Southwest Edge of SEPTS Wellfield on TTU** **DOE Pantex Plant**

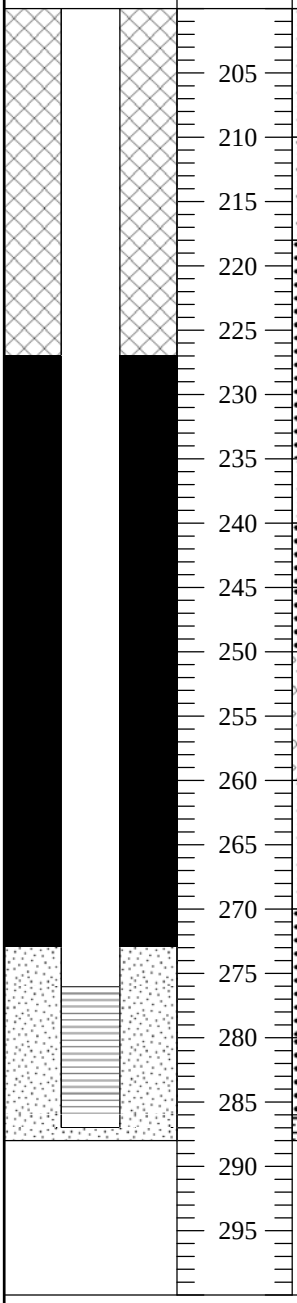
SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432413	Northing: 3753350.43 Easting: 639765.77
Drilling Contractor: National EWP Lic. #4884 W. Bludworth	TD Borehole: 288 ft bgs TD Well: 287 ft bgs
Dates Drilled: 07/12/16 Date Completed: 07/13/16	Depth to Water: 277.53 ft bgs
Borehole Diameter: 10" Drilling Method: ARCH	Well Type: Monitoring Well, 4" Sch. 80 PVC
Ground Elevation: 3532.36 ft amsl	Top of Casing Elevation: 3534.32 ft amsl

Completion	Depth (Ft.)	Lithology	USCS	Description	Sample	Sample Number
	105, 110		SP	100' - 110' SAND, pink (5YR 7/4), poorly graded fine and very fine grain sand, <15% silt, loose, dry		
	115		SP	110' - 115' SAND, light reddish brown (5YR 5/4), mainly fine grain, loose, dry		
	120, 125, 130, 135		SP	115' - 135' SAND, light brown (7.5YR 6/4), fine to very fine grain subangular clean quartz sand, loose, dry		
	140		SP	135' - 140' SAND, pink (7.5YR 7/4), fine to very fine grain with 1.5 cm sandstone nodules, trace silt, generally loose, dry		
	145, 150		SP	140' - 150' SAND, reddish yellow (7.5YR 6/6), fine grain subangular clean quartz sand, loose, dry		
	155, 160		SP	150' - 160' SAND, reddish yellow (7.5YR 6/8), 60% fine grain, 40% very fine grain, quartz sand, subangular to subrounded, loose, dry		
	165, 170		SP	160' - 170' SAND, reddish yellow (7.5YR 6/6), 90% fine grain, 10% very fine grain, clean quartz sand, subrounded grains, loose, dry, with sandstone nodules to 2 cm		
	175, 180, 185, 190, 195		SP	170' - 210' SAND, strong brown (7.5YR 5/6), 80% fine grain, 20% very fine grain, rounded grains, loose, dry @ 185' - 195' sandstone nodes to 3 cm		

PTX06-1183

Pantex BOA 70 Release 2 **Southwest Edge of SEPTS Wellfield on TTU** **DOE Pantex Plant**

SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432413	Northing: 3753350.43 Easting: 639765.77
Drilling Contractor: National EWP Lic. #4884 W. Bludworth	TD Borehole: 288 ft bgs TD Well: 287 ft bgs
Dates Drilled: 07/12/16 Date Completed: 07/13/16	Depth to Water: 277.53 ft bgs
Borehole Diameter: 10" Drilling Method: ARCH	Well Type: Monitoring Well, 4" Sch. 80 PVC
Ground Elevation: 3532.36 ft amsl	Top of Casing Elevation: 3534.32 ft amsl



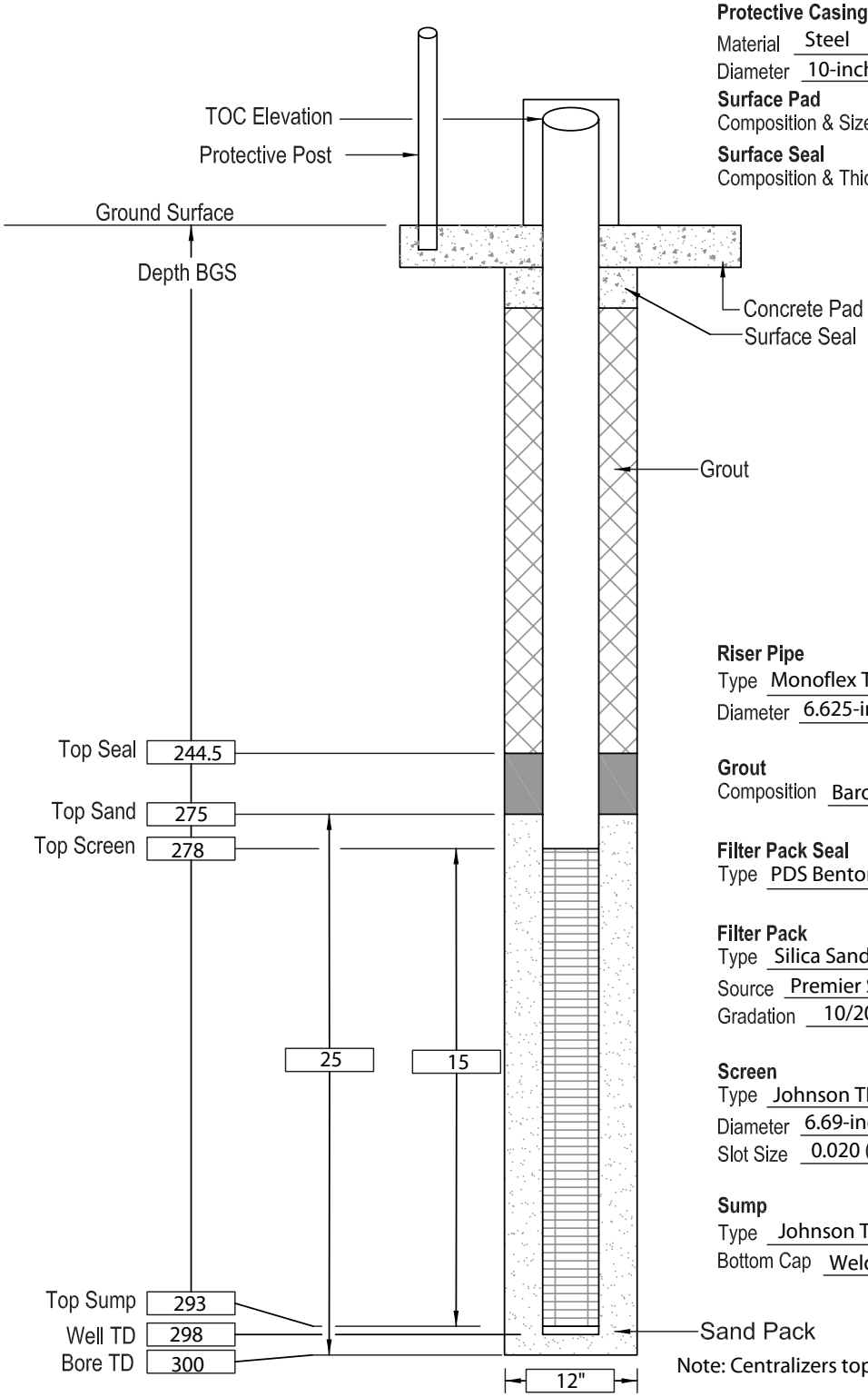
Depth (Ft.)	USCS	Description	Sample	Sample Number
205	SP			
210	SM	210' - 218' clayey silty SAND, strong brown (7.5YR 4/6), pebbly, medium dense, damp, trace clay and silt		
220	SW	218' - 235' pebbly SAND, light brown (7.5YR 6/4), fine to very coarse subangular to subrounded quartz sand, flattened pebbles to 3 cm, medium dense to loose		
235	SP	235' - 240' SAND, light brown (7.5YR 6/4), 70% fine grain, 30% very fine grain, subrounded, loose, dry		
240	SW	240' - 245' gravelly SAND, light brown (7.5YR 6/4), very fine to medium grain sand, flattened peagravel to 1 cm, medium dense, dry		
245	SW	245' - 250' gravelly SAND, as above with increasing gravel to 25%		
250	GW	250' - 260' sandy GRAVEL, 80% gravel, 20% sand, light brown (7.5YR 6/4), up to 3 cm subrounded gravel with fine to very coarse sand, very dense, dry		
260	SP	260' - 270' SAND, light brown (7.5YR 6/3), mediun to fine grain quartz sand, subrounded to subangular with 2 mm lithic fragments, dry		
270	SW	270' - 280' SAND, strong brown (7.5YR 5/6), graded medium to very fine grain sand, trace flattened pebbles, moist to saturated at 277 ft		
280	SW	280' - 286' gravelly SAND, strong brown (7.5YR 5/8), well graded very coarse to fine grain subangular sand, about 15% flattened and rounded 3 cm gravel, saturated		
285	SLT-STN	286' - 288' FINE Grain Zone, sandy SILT, 40% sand, 60% silt, light brown (7.5YR 7/4), non-plastic, slightly cohesive to 287'. Transitions to damp, stiff to hard, sandy SILTSTONE, pink (7.5YR 7/4), 25% very fine grain quartz sand and 75% silt		PTX06-1183 Triaxial Permeability ASTM D5084 7.3E-08 cm/s
290		Split-spoon sample collected at 288' - 288.5', hard siltstone		
295				

Well Installation Diagram

Project: Pantex BOA 70 Release 2
Location: Extension of SEPTS Wellfield East of FM-2373
Contractor: Stoller Newport News Nuclear
Driller: National Exploration Wells Pumps
Well Coordinates: 3753953.55 N 644481.36 E
TOC Elevation: 3530.65 ft amsl
Surface Elevation: 3528.58 ft amsl

Well No: PTX06-EW-82
Well Type: P & T Extraction
Date Constructed: 07/26/2016
Observed By: R Rupp

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches with Royer Locking Cover and J Plug

Surface Pad
Composition & Size: Concrete, 5' X 5' X 8" thick w/ 4 bollards

Surface Seal
Composition & Thickness: Concrete, 2 feet poured with the pad

Riser Pipe
Type: Monoflex Threaded Flush Joint Schedule 80 PVC
Diameter: 6.625-inches OD; 5.709-inches ID

Grout
Composition: Baroid Quik-Grout, 20% Solids Bentonite, 49 bags

Filter Pack Seal
Type: PDS Bentonite Chips, 22 bags

Filter Pack
Type: Silica Sand, 34 bags
Source: Premier Silica, Brady Texas
Gradation: 10/20

Screen
Type: Johnson TFJ Schedule 10 Type 316 Stainless Steel
Diameter: 6.69-inches OD; 5.93-inches ID
Slot Size: 0.020 (20 slot)

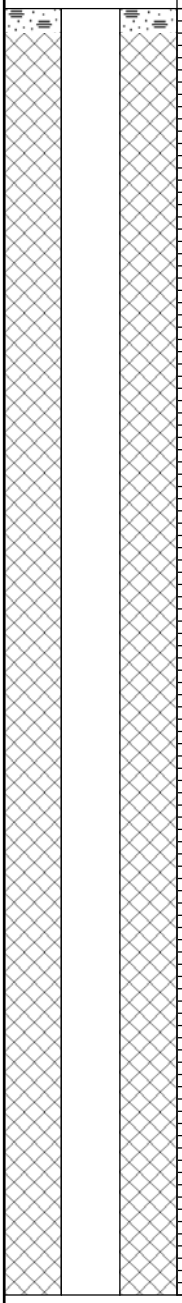
Sump
Type: Johnson TFJ Schedule 10 Type 316 Stainless Steel
Bottom Cap: Welded, Schedule 10 Type 316 Stainless Steel

Note: Centralizers top and bottom of screen and every 40' on casing

PTX06-EW-82

Pantex BOA 70 Release 2 **Extension of SEPTS Wellfield East of FM-2373** **DOE Pantex Plant**

SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432410	Northing: 3753953.55 Easting: 644481.36
Drilling Contractor: National EWP Lic. #4885 W. Bludworth	TD Borehole: 300 ft bgs TD Well: 298 ft bgs
Dates Drilled: 07/25/16 Date Completed: 07/26/16	Depth to Water: 281.10 ft bgs
Borehole Diameter: 12" Drilling Method: ARCH	Well Type: P&T Extraction Well, 6" PVC/Stainless Steel
Ground Elevation: 3528.58 ft amsl	Top of Casing Elevation: 3530.65 ft amsl

Completion	Depth (Ft.)	Lithology	USCS	Description	Sample	Sample Number
	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100		CL	0' - 5' lean CLAY, reddish brown (5YR 4/4), medium plastic, cohesive, stiff, dry		
			ML	5' - 47' clayey SILT, overall yellowish red (5YR 5/6), low plasticity, cohesive to non-cohesive, stiff, damp to 15 ft @ 15' - 20' >50% caliche, coating cuttings to light reddish brown (5YR 6/3), non-plastic, non-cohesive, dry @ 20' - 35' <20% caliche, reddish brown (5YR 5/4), damp, clayey silt cuttings to 3 cm @ 35' - 47' reddish yellow (5YR 6/6), trace to some very fine grain sand increasing with depth, caliche sand granules		
			SM	47' - 60' silty SAND, trace clay, red (2.5YR 4/8), 70% fine grain sand, 30% silt/clay		
			ML	60' - 70' sandy CALICHE, caprock interval, 60% caliche, pink (5YR 7/4 - 7/3), most competent with white coloration from 65' - 70', stiff, dry		
			SP	70' - 80' silty SAND, light reddish brown (5YR 6/4) to yellowish red (5YR 5/6), 90% fine grain subangular to subrounded sand, 10% silt, poorly graded, loose, dry, with some caliche granules		
			SP	80' - 85' SAND, reddish brown (5YR 5/4), fine and very fine grain, poorly graded, loose, dry		
			SP	85' - 90' SAND, yellowish red (5YR 5/6), fine grain, loose, dry		
			SM	90' - 105' silty SAND, caliche silt, light reddish brown (5YR 6/4), poorly graded fine grain sand, dry, 25% caliche from 95' - 100'		

PTX06-EW-82

Pantex BOA 70 Release 2 **Extension of SEPTS Wellfield East of FM-2373** **DOE Pantex Plant**

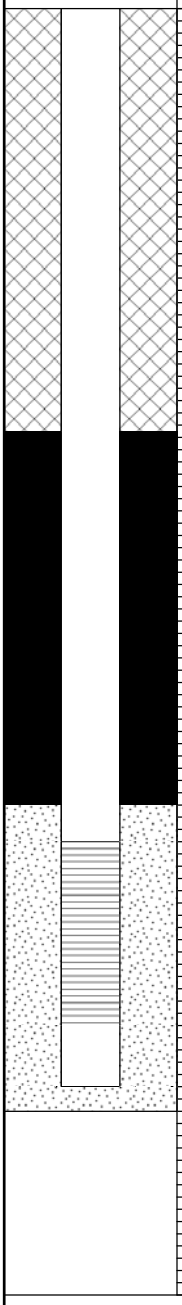
SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432410	Northing: 3753953.55 Easting: 644481.36
Drilling Contractor: National EWP Lic. #4885 W. Bludworth	TD Borehole: 300 ft bgs TD Well: 298 ft bgs
Dates Drilled: 07/25/16 Date Completed: 07/26/16	Depth to Water: 281.10 ft bgs
Borehole Diameter: 12" Drilling Method: ARCH	Well Type: P&T Extraction Well, 6" PVC/Stainless Steel
Ground Elevation: 3528.58 ft amsl	Top of Casing Elevation: 3530.65 ft amsl

Completion	Depth (Ft.)	Lithology	USCS	Description	Sample	Sample Number
	110, 115, 120		SP	105' - 120' SAND, yellowish red (5YR 5/6), poorly graded fine to very fine grain sand with trace medium grain, subrounded, loose, damp		
	125, 130, 135, 140		SP	120' - 140' SAND, reddish yellow (7.5YR 6/6), poorly graded fine grain rounded sand, loose to medium dense, dry, some cemented zones and up to 30% very fine grain sand in sections		
	145, 150, 155, 160, 165, 170, 175, 180		SP	140' - 180' SAND, pink (7.5YR 7/4), poorly graded, 95% fine and very fine grain, 5% medium grain, subrounded to subangular, loose, dry @ 160' - 170' light brown (7.5YR 6/4) @ 170' - 180' reddish yellow (7.5YR 6/6), loose, dry		
	185, 190, 195, 200, 205		SP	180' - 210' SAND as above, strong brown (7.5YR 5/6), increasing very fine grain sand, loose, dry @ 190' -210 light brown (7.5YR 6/4), mostly very fine grain, with dense sandstone layers, dry @ 200' - 210' 10% silt		

PTX06-EW-82

Pantex BOA 70 Release 2 **Extension of SEPTS Wellfield East of FM-2373** **DOE Pantex Plant**

SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432410	Northing: 3753953.55 Easting: 644481.36
Drilling Contractor: National EWP Lic. #4885 W. Bludworth	TD Borehole: 300 ft bgs TD Well: 298 ft bgs
Dates Drilled: 07/25/16 Date Completed: 07/26/16	Depth to Water: 281.10 ft bgs
Borehole Diameter: 12" Drilling Method: ARCH	Well Type: P&T Extraction Well, 6" PVC/Stainless Steel
Ground Elevation: 3528.58 ft amsl	Top of Casing Elevation: 3530.65 ft amsl

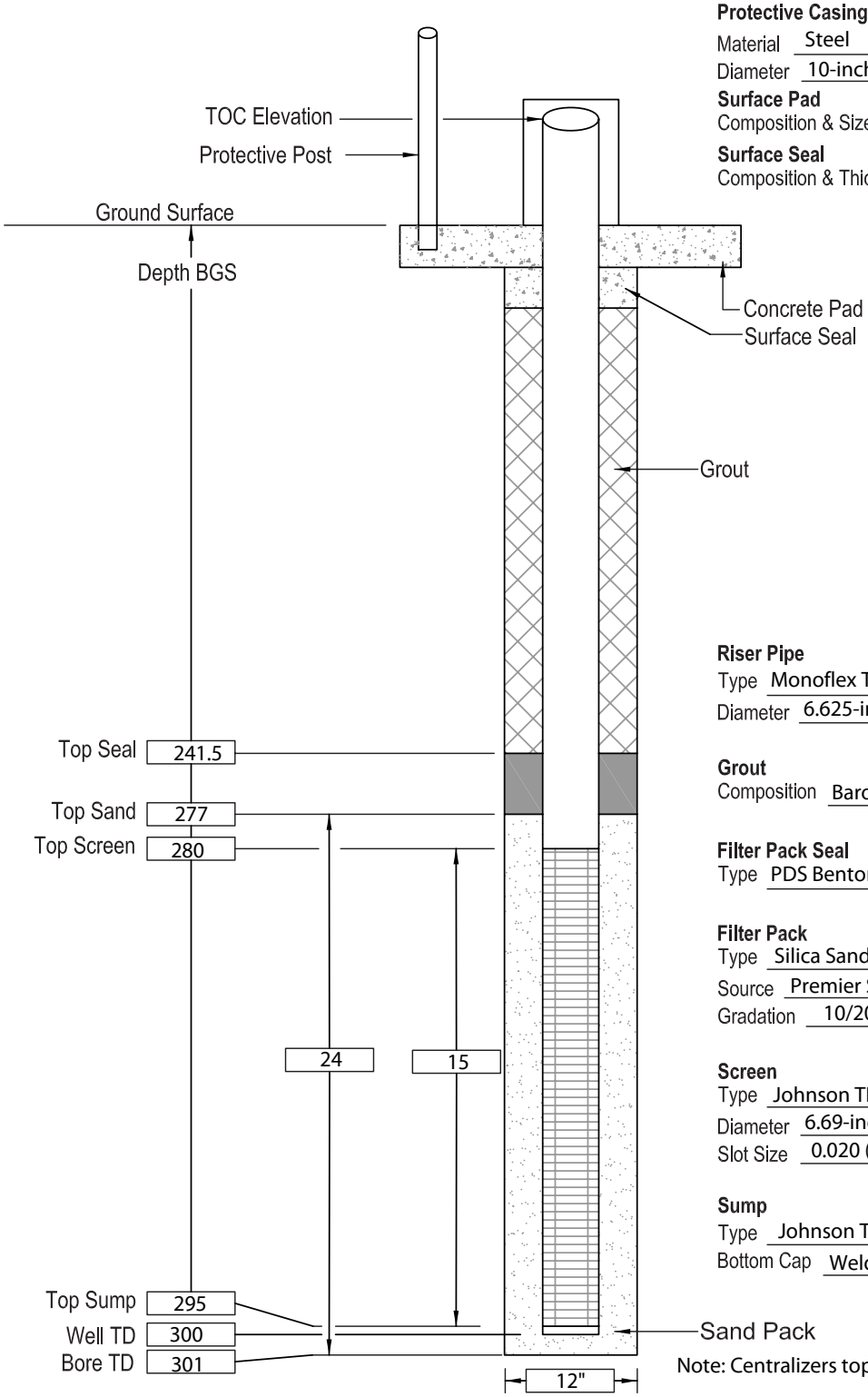
Completion	Depth (Ft.)	Lithology	USCS	Description	Sample	Sample Number
	215 220 225 230		SP	210' - 230' SAND, yellowish brown (10YR 5/4), graded, 80% fine grain, 15% medium grain, 5% very fine grain, subrounded grains, dense, dry; more cemented with 2 - 3 mm nodes throughout @ 220' - 221' 2 cm subrounded gravel Coarser and well graded with depth		
	235		SP	230' - 240' SAND, dark yellowish brown (10YR 4/6), poorly graded, 90% fine grain sand, subrounded to rounded, dense, damp		
	240 245 250 255 260		SW/ GP	240' - 265' CONGLOMERATIC SANDSTONE, very dense @240' - 242' light yellowish brown (10YR 6/4), very coarse to fine subrounded sand and peagravel, dry @ 243' - 245' dark brown (10YR 4/3) well graded sand @ 245' - 250' pale brown (10YR 6/3), well graded very coarse to fine sand, very dense, dry @ 250' - 255' brown (10YR 5/3), very coarse to fine grain sand and peagravel, very dense, dry @ 255' - 265' pale brown (10YR 6/3), well graded sand with gravel		
	265		SC	265' - 270' clayey SAND with gravel, yellowish brown (10YR 5/4), 60% fine grain subrounded sand, >15% peagravel, >15% plastic clay, medium dense, moist		
	270		SP	270' - 275' SAND, light yellowish brown (10YR 6/4), fine grain subrounded quartz sand, medium dense, dry		
	275		SP	275' - 281' SAND, yellowish brown (10YR 5/6), 90% fine grain 10% very fine grain, medium dense, moist		
	280		SP	281' - 285' gravelly SAND, yellowish brown (10YR 5/8), fine and medium grain subangular sand, rounded gravel to 2 cm, saturated		
	285		SM	285' - 293' silty SAND, reddish brown (5YR 5/4), fine and medium grain subrounded sand, >35% silt, saturated to moist with depth		
	290		SLT-STN	293' - 300' Fine Grain Zone, sandy SILTSTONE, light reddish brown (5YR 6/4), 70% silt, 30-35% very fine grain sand, stiff to very stiff, damp to dry, Borehole total depth 300' bgs		
	295 300 305 310			Split-spoon sample collected at 300' - 300.5', sandy siltstone		PTX06-EW-82 Triaxial Permeability ASTM D5084 3.7E-06 cm/s

Well Installation Diagram

Project: Pantex BOA 70 Release 2
Location: Extension of SEPTS Wellfield East of FM-2373
Contractor: Stoller Newport News Nuclear
Driller: National Exploration Wells Pumps
Well Coordinates: 3753953.69 N 644782.02 E
TOC Elevation: 3530.15 ft amsl
Surface Elevation: 3528.32 ft amsl

Well No: PTX06-EW-83
Well Type: P & T Extraction
Date Constructed: 07/24/2016
Observed By: R Rupp

Sheet 1 of 1



Protective Casing
Material Steel
Diameter 10-inches with Royer Locking Cover and J Plug

Surface Pad
Composition & Size Concrete, 5' X 5' X 8" thick w/ 4 bollards

Surface Seal
Composition & Thickness Concrete, 2 feet poured with the pad

Riser Pipe
Type Monoflex Threaded Flush Joint Schedule 80 PVC
Diameter 6.625-inches OD; 5.709-inches ID

Grout
Composition Baroid Quik-Grout, 20% Solids Bentonite, 48 bags

Filter Pack Seal
Type PDS Bentonite Chips, 20 bags

Filter Pack
Type Silica Sand, 44 bags
Source Premier Silica, Brady Texas
Gradation 10/20

Screen
Type Johnson TFJ Schedule 10 Type 316 Stainless Steel
Diameter 6.69-inches OD; 5.93-inches ID
Slot Size 0.020 (20 slot)

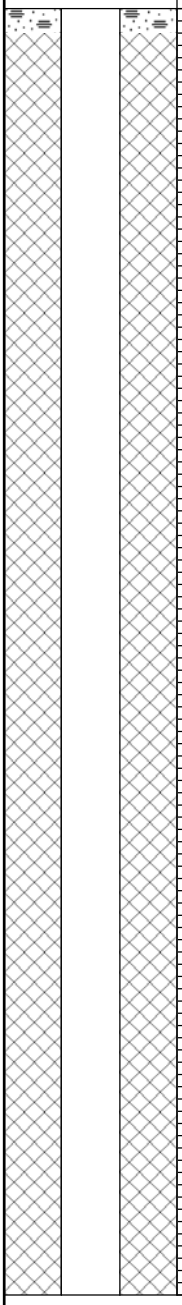
Sump
Type Johnson TFJ Schedule 10 Type 316 Stainless Steel
Bottom Cap Welded, Schedule 10 Type 316 Stainless Steel

Note: Centralizers top and bottom of screen and every 40' on casing

PTX06-EW-83

Pantex BOA 70 Release 2 **Extension of SEPTS Wellfield East of FM-2373** **DOE Pantex Plant**

SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432411	Northing: 3753953.69 Easting: 644782.02
Drilling Contractor: National EWP Lic. # 4885 W. Bludworth	TD Borehole: 301 ft bgs TD Well: 300 ft bgs
Dates Drilled: 07/23/16 Date Completed: 07/24/16	Depth to Water: 281.31 ft bgs
Borehole Diameter: 12" Drilling Method: ARCH	Well Type: P&T Extraction Well, 6" PVC/Stainless Steel
Ground Elevation: 3528.32 ft amsl	Top of Casing Elevation: 3530.15 ft amsl

Completion	Depth (Ft.)	Lithology	USCS	Description	Sample	Sample Number
	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100		CL	0' - 5' lean CLAY, reddish brown (5YR 4/4), medium plastic, cohesive, stiff, dry to damp		
			ML	5' - 15' clayey SILT, light reddish brown (5YR 5/4), trace caliche granules, low plasticity, medium stiff, dry to damp		
			ML	15' - 35' clayey SILT, light reddish brown (5YR 6/4) to reddish brown (5YR 5/4) with depth, trace very fine grain sand, non- to low plasticity, cohesive, medium stiff, dry		
			ML	35' - 55' sandy SILT with caliche, yellowish red (5YR 5/8) to reddish yellow (5YR 6/6), soft, dry to damp @ 40' - 50' >30% caliche sand @ 50' - 55' 15% fine grain quartz sand		
			SM	55' - 63' silty SAND, red (2.5YR 5/6), <30% silt and caliche granules, poorly graded fine sand, loose, damp		
			ML	63' - 75' sandy SILT with caliche, medium stiff, dry @ 63' - 65' pink (5YR 7/4), mostly stiff caliche to 3 cm @ 65' - 75' light reddish brown (5YR 6/4), silt with some sand from 70' - 75'		
			SP	75' - 83' SAND, yellowish red (5YR 5/8), fine to very fine grain quartz sand, subrounded, loose, dry		
			ML	83' - 90' sandy CALICHE SILT, pink (5YR 7/4), caliche and fine grain quartz sand		
			SM	90' - 100' SAND with >30% caliche, light reddish brown (5YR 6/4), fine and very fine grain rounded sand, caliche silt, loose to medium stiff, dry		
				100' - 140' SAND, light reddish brown (5YR 6/4) to strong brown (7.5YR 5/6), fine and very fine grain subrounded to		

PTX06-EW-83

Pantex BOA 70 Release 2 **Extension of SEPTS Wellfield East of FM-2373** **DOE Pantex Plant**

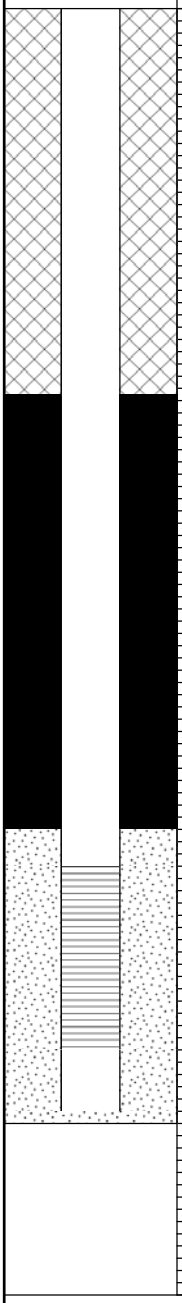
SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432411	Northing: 3753953.69 Easting: 644782.02
Drilling Contractor: National EWP Lic. # 4885 W. Bludworth	TD Borehole: 301 ft bgs TD Well: 300 ft bgs
Dates Drilled: 07/23/16 Date Completed: 07/24/16	Depth to Water: 281.31 ft bgs
Borehole Diameter: 12" Drilling Method: ARCH	Well Type: P&T Extraction Well, 6" PVC/Stainless Steel
Ground Elevation: 3528.32 ft amsl	Top of Casing Elevation: 3530.15 ft amsl

Completion	Depth (Ft.)	Lithology	USCS	Description	Sample	Sample Number
	110, 115, 120, 125, 130, 135, 140		SP	rounded sand, loose, dry, occassionally silty <15%, hard nodes of sandstone to 2 cm @ 130' - 140' increasing sandstone nodes		
	145, 150, 155, 160		SP	140' - 160' SAND, pink (5YR 7/4) to light brown (7.5YR 6/4), poorly graded fine and very fine grain rounded sand, loose, dry 90% fine grain quartz sand with some feldspar @ 155' - 160' cemented sandstone nodes		
	165, 170, 175		SP	160' - 175' SAND, reddish yellow (7.5YR 6/6), poorly grade fine to very fine grain rounded sand, loose, dry		
	180, 185, 190		SP	175' - 193' SAND, brownish yellow (10YR 6/6), poorly graded, clean fine grain quartz sand, rounded grains, loose, dry		
	195, 200, 205		SP	193' - 210' SAND, yellowish brown (10YR 5/8), poorly graded 90% fine grain 10% very fine grain, rounded, loose, dry		

PTX06-EW-83

Pantex BOA 70 Release 2 **Extension of SEPTS Wellfield East of FM-2373** **DOE Pantex Plant**

SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432411	Northing: 3753953.69 Easting: 644782.02
Drilling Contractor: National EWP Lic. # 4885 W. Bludworth	TD Borehole: 301 ft bgs TD Well: 300 ft bgs
Dates Drilled: 07/23/16 Date Completed: 07/24/16	Depth to Water: 281.31 ft bgs
Borehole Diameter: 12" Drilling Method: ARCH	Well Type: P&T Extraction Well, 6" PVC/Stainless Steel
Ground Elevation: 3528.32 ft amsl	Top of Casing Elevation: 3530.15 ft amsl



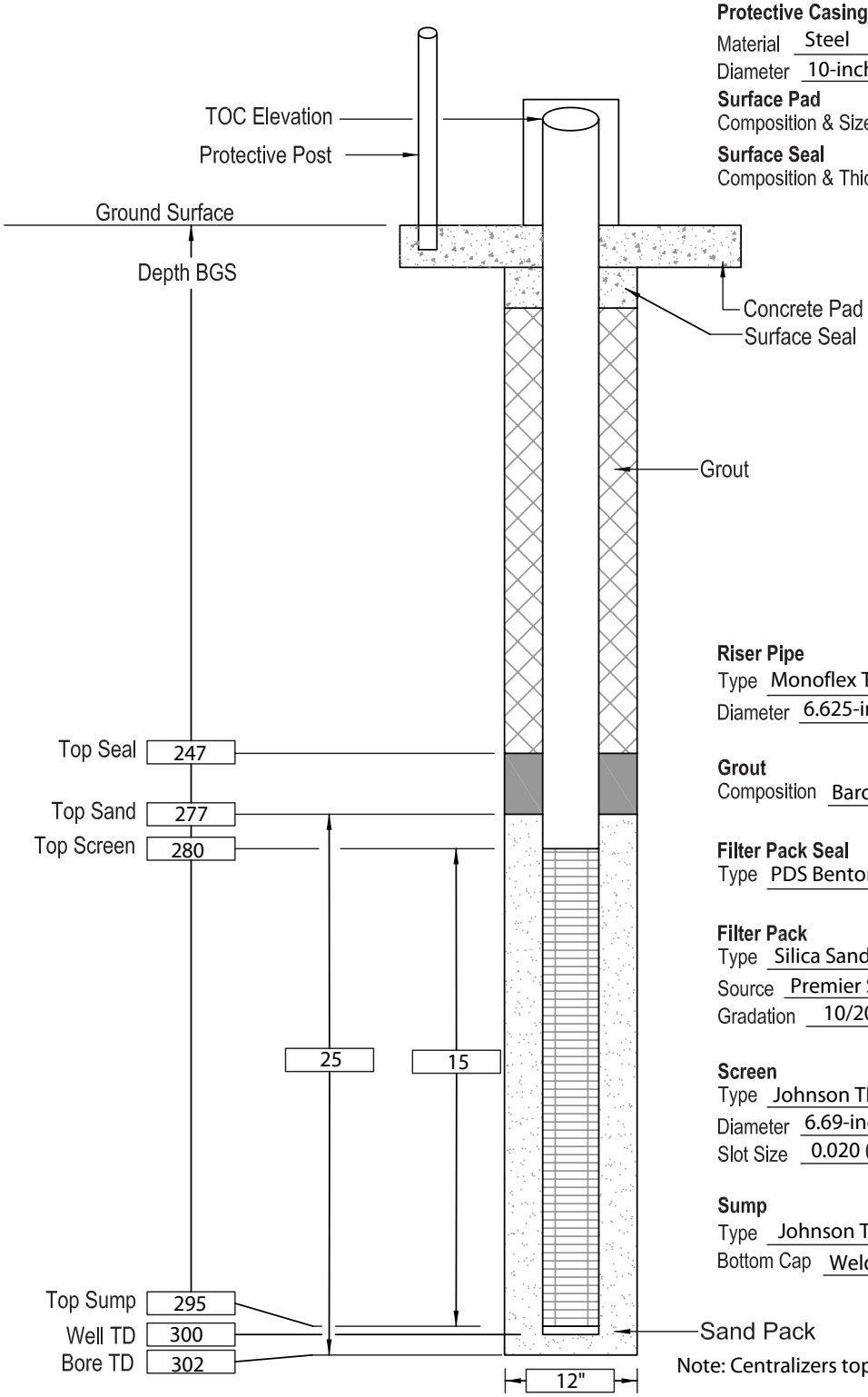
Depth (Ft.)	Lithology	USCS	Description	Sample	Sample Number
215, 220, 225		SW	210' - 225' SAND, brownish yellow (10YR 6/6), well graded medium to very fine grain rounded sand, abundant sandstone nodes, occassional rock fragments, medium dense sandstone, clean quartz sand		
225, 230		SW	225' - 230' SAND, yellowish brown (10YR 5/4 - 5/6), graded, 80% fine grain 20% medium and very fine grain, subangular grains, some pebbles, dense, dry sandstone		
230, 235		SP	230' - 240' SAND, dark yellowish brown (10YR 4/6), poorly graded, fine grain, dense, dry		
240, 245, 250, 255, 260, 265, 270		GP/ SW	240' - 270' CONGLOMERATIC SANDSTONE, pale brown (10YR 6/3), very dense @ 240' - 245' poorly graded rounded GRAVEL to 2 cm with well graded subrounded sand, dry @ 245' - 251' 70% poorly graded PEAGRAVEL with <30% well graded sand @ 251' - 260' SAND with <30% peagravel, well graded very coarse to fine grain subrounded to rounded, sand, dense, dry @ 260' - 265' SAND, dark yellowish brown (10YR 4/4), <10% gravel, well graded coarse to fine grain rounded sand, damp @ 265' - 270' SAND with 15% - 25% peagravel		
270, 275		SP	270' - 275' SAND, light yellowish brown (10YR 6/4), fine grain, subrounded, loose, moist		
275, 280		SP	275' - 284' SAND, pale brown (10YR 6/3), poorly graded, 50% fine grain 50% medium and very fine grain, subrounded to rounded grains, clean quartz sand, saturated at 282 ft		
285, 290		GP	284' - 295' sandy GRAVEL, dark yellowish brown (10YR 4/6), poorly graded flattened peagravel with >35% sand @ 290' - 295' sandy clayey gravel		
295, 300		SLT-STN	295' - 301' Fine Grain Zone, SILT, pink to reddish brown (5YR 5/4), stiff to very stiff, decreasing moisture with depth Borehole total depth 301 ft bgs		
305, 310			Split-spoon sample collected at 301' - 301.5', siltstone		PTX06-EW-83 Triaxial Permeability ASTM D5084 1.3E-05 cm/s

Well Installation Diagram

Project: Pantex BOA 70 Release 2
Location: Extension of SEPTS Wellfield East of FM-2373
Contractor: Stoller Newport News Nuclear
Driller: National Exploration Wells Pumps
Well Coordinates: 3753954.16 N 645082.73 E
TOC Elevation: 3530.01 ft amsl
Surface Elevation: 3528.18 ft amsl

Well No: PTX06-EW-84
Well Type: P & T Extraction
Date Constructed: 07/21/2016
Observed By: R Rupp

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches with Royer Locking Cover and J Plug

Surface Pad
Composition & Size: Concrete, 5' X 5' X 8" thick w/ 4 bollards

Surface Seal
Composition & Thickness: Concrete, 2 feet poured with the pad

Riser Pipe
Type: Monoflex Threaded Flush Joint Schedule 80 PVC
Diameter: 6.625-inches OD; 5.709-inches ID

Grout
Composition: Baroid Quik-Grout, 20% Solids Bentonite, 39 bags

Filter Pack Seal
Type: PDS Bentonite Chips, 17 bags

Filter Pack
Type: Silica Sand, 46 bags
Source: Premier Silica, Brady Texas
Gradation: 10/20

Screen
Type: Johnson TFJ Schedule 10 Type 316 Stainless Steel
Diameter: 6.69-inches OD; 5.93-inches ID
Slot Size: 0.020 (20 slot)

Sump
Type: Johnson TFJ Schedule 10 Type 316 Stainless Steel
Bottom Cap: Welded, Schedule 10 Type 316 Stainless Steel

Note: Centralizers top and bottom of screen and every 40' on casing

PTX06-EW-84

Pantex BOA 70 Release 2 **Extension of SEPTS Wellfield East of FM-2373** **DOE Pantex Plant**

SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432412	Northing: 3753954.16 Easting: 645082.73
Drilling Contractor: National EWP Lic. #4885 W. Bludworth	TD Borehole: 302 ft bgs TD Well: 300 ft bgs
Dates Drilled: 07/20/16 Date Completed: 07/21/16	Depth to Water: 281.45 ft bgs
Borehole Diameter: 12" Drilling Method: ARCH	Well Type: P&T Extraction Well, 6" PVC/Stainless Steel
Ground Elevation: 3528.18 ft amsl	Top of Casing Elevation: 3530.01 ft amsl

Completion	Depth (Ft.)	Lithology	USCS	Description	Sample	Sample Number
	5		CL	0' - 5' lean CLAY, reddish brown (5YR 4/3), medium plastic, cohesive, medium stiff, dry		
	10		ML	5' - 15' clayey SILT with sand, caliche stringers and nodes throughout, reddish brown (5YR 5/4), low plasticity, cohesive, medium stiff, dry		
	15		ML	15' - 20' SILT with caliche, light reddish brown (5YR 6/3), non-plastic, soft, dry, caliche stringers throughout		
	20		ML	20' - 40' clayey SILT, reddish brown (5YR 5/4), low plasticity, non-cohesive, with caliche nodes and stringers, traces of manganese, soft, dry		
	25					
	30					
	35					
	40		ML	40' - 45' SILT, reddish yellow (5YR 7/6), non-plastic, soft, dry, minor caliche and trace manganese		
	45		SM	45' - 67' silty SAND, red (10R 5/6), <10% silt, fine to very fine grain rounded sand, trace caliche nodes, loose, dry		
	50					
	55					
	60					
	65					
	70		SLT-STN	67' - 73' sandy Caliche SILT, pink (5YR 7/4), with pinkish white (5YR 8/2) caliche fragments to 3 cm, 20% very fine grain sand, hard, dry, caprock		
	75		SP	73' - 78' SAND, reddish yellow (5YR 6/6), poorly graded, 80% fine grain 20% very fine grain, angular to subangular, loose, dry, with 5% white caliche nodes to 2 cm		
	80		SP	78' - 85' SAND, light reddish brown (5YR 6/4), poorly graded, fine and very fine grain subrounded sand, loose, dry, trace caliche		
	85		SM/ML	85' - 90' SAND with caliche, pink (5YR 7/4), 60% fine grain sand, 40% caliche silt and white nodes to 1 cm		
	90		SP	90' - 100' SAND, light brown (7.5YR 6/4), poorly graded, 80% fine grain 20% medium and very fine grain, subrounded, loose, dry, with some cemented sandstone nodes		
	95					
	100		SP	100' - 130' SAND, reddish yellow (7.5YR 6/6), poorly graded,		

PTX06-EW-84

Pantex BOA 70 Release 2 **Extension of SEPTS Wellfield East of FM-2373** **DOE Pantex Plant**

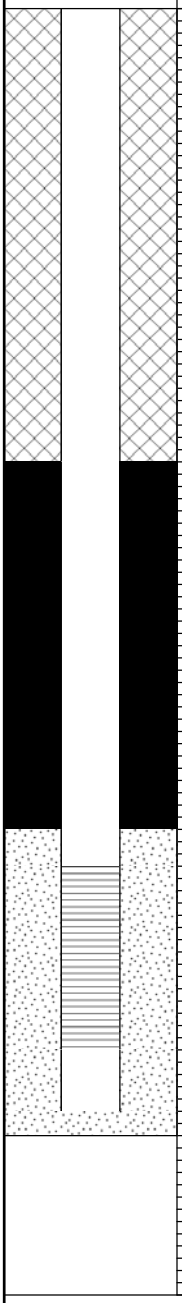
SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432412	Northing: 3753954.16 Easting: 645082.73
Drilling Contractor: National EWP Lic. #4885 W. Bludworth	TD Borehole: 302 ft bgs TD Well: 300 ft bgs
Dates Drilled: 07/20/16 Date Completed: 07/21/16	Depth to Water: 281.45 ft bgs
Borehole Diameter: 12" Drilling Method: ARCH	Well Type: P&T Extraction Well, 6" PVC/Stainless Steel
Ground Elevation: 3528.18 ft amsl	Top of Casing Elevation: 3530.01 ft amsl

Completion	Depth (Ft.)	Lithology	USCS	Description	Sample	Sample Number
	110, 115, 120, 125, 130		SP			
	135, 140		SP	130' - 140' SAND. strong brown (7.5YR 5/6), poorly graded, fine and very fine grain sand, loose, damp		
	145, 150		SP	140' - 150' SAND, light brown (7.5YR 6/4), poorly graded, fine grain subrounded sand, loose, dry		
	155, 160, 165, 170		SP	150' - 170' SAND, brown (7.5YR 5/4), poorly graded, fine and very fine grain subrounded sand, loose, dry @ 150' - 160' <15% clay		
	175, 180, 185, 190		SP	170' - 190' SAND, light brown (7.5YR 6/4), poorly graded, 100% fine grain subrounded to rounded sand, loose, dry		
	195, 200, 205		SP	190' - 215' SAND, reddish yellow (7.5YR 6/6), poorly graded fine and very fine grain subrounded sand, medium dense, dry, with hard cemented sandstone nodes to 2 cm from 200' to 210'		

PTX06-EW-84

Pantex BOA 70 Release 2 **Extension of SEPTS Wellfield East of FM-2373** **DOE Pantex Plant**

SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432412	Northing: 3753954.16 Easting: 645082.73
Drilling Contractor: National EWP Lic. #4885 W. Bludworth	TD Borehole: 302 ft bgs TD Well: 300 ft bgs
Dates Drilled: 07/20/16 Date Completed: 07/21/16	Depth to Water: 281.45 ft bgs
Borehole Diameter: 12" Drilling Method: ARCH	Well Type: P&T Extraction Well, 6" PVC/Stainless Steel
Ground Elevation: 3528.18 ft amsl	Top of Casing Elevation: 3530.01 ft amsl



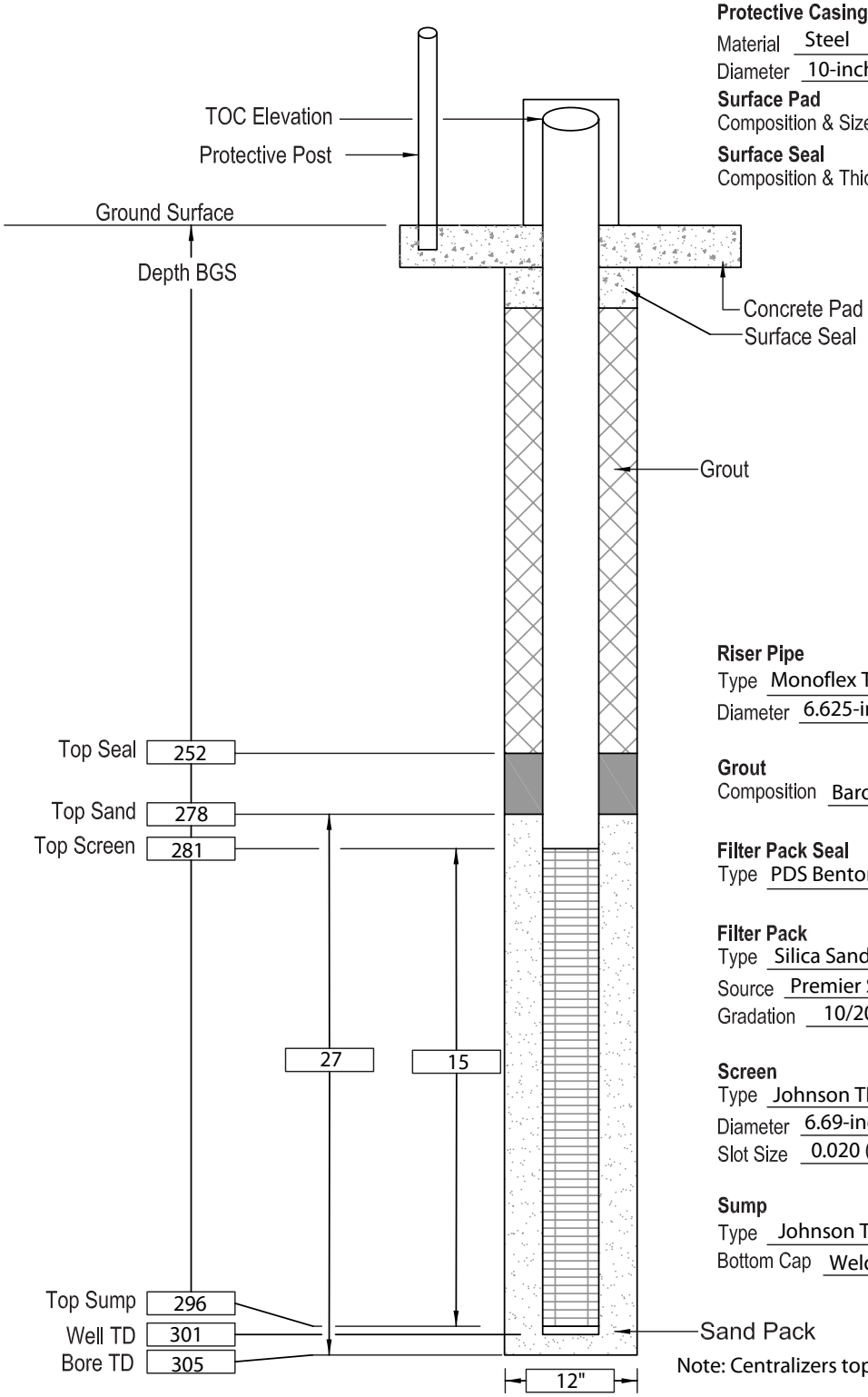
Depth (Ft.)	USCS	Description	Sample	Sample Number
215	SP			
220, 225, 230, 235	SW	215' - 237' SAND with gravel, light brown (7.5YR 6/4), well graded, medium to very fine grain subrounded to rounded sand, very dense dry sandstone with 7% peagravel		
240	SW	237' - 245' SAND with gravel, brown (7.5YR 5/4), well graded, medium to very fine grain (trace coarse grain) subangular to subrounded sand, dense, dry, with 10% gravel at 242'		
245, 250, 255, 260, 265, 270	SW/ GP	245' - 275' CONGLOMERATIC SANDSTONE, very dense @ 245' - 260' SAND with gravel, light yellowish brown (10YR 6/4), well graded coarse to very fine grain subangular sand with pebbles and small gravel, dry @ 260' - 265' SAND, brownish yellow (10YR 6/6), well graded, coarse to very fine grain sand @ 265' - 270' SAND with gravel, pale brown (10YR 6/3), well graded sand with peagravel, dense, dry @ 270' - 275' clayey, gravelly, SAND, pale brown (10YR 6/3), well graded sand, poorly graded peagravel, with some clay, dense, moist		
275, 280	SP	275' - 285' SAND, yellowish brown (10YR 5/6), poorly graded, 80% fine grain, 20% medium and very fine grain, loose, increasing moisture, saturated at 281'		
285, 290	SW	285' - 295' SAND, strong brown (7.5YR 5/8), well graded medium to very fine grain subrounded sand with <10% small gravel, medium dense, saturated		
295, 300	SLT-STN	295' - 302' Fine Grain Zone, sandy SILTSTONE, light reddish brown (5YR 6/4), 35% very fine grain sand, dense, damp to dry with depth Borehole total depth 302 ft bgs		
305, 310		Split-spoon sample collected at 302' - 302.5', sandy siltstone		PTX06-EW-84 Triaxial Permeability ASTM D5084 2.2E-07 cm/s

Well Installation Diagram

Project: Pantex BOA 70 Release 2
Location: Extension of SEPTS Wellfield East of FM-2373
Contractor: Stoller Newport News Nuclear
Driller: National Exploration Wells Pumps
Well Coordinates: 3753953.71 N 645782.09 E
TOC Elevation: 3529.71 ft amsl
Surface Elevation: 3527.71 ft amsl

Well No: PTX06-EW-87
Well Type: P & T Extraction
Date Constructed: 08/03/2016
Observed By: R Rupp

Sheet 1 of 1



Protective Casing
Material Steel
Diameter 10-inches with Royer Locking Cover and J Plug

Surface Pad
Composition & Size Concrete, 5' X 5' X 8" thick w/ 4 bollards

Surface Seal
Composition & Thickness Concrete, 2 feet poured with the pad

Riser Pipe
Type Monoflex Threaded Flush Joint Schedule 80 PVC
Diameter 6.625-inches OD; 5.709-inches ID

Grout
Composition Baroid Quik-Grout, 20% Solids Bentonite, 48 bags

Filter Pack Seal
Type PDS Bentonite Chips, 25 bags

Filter Pack
Type Silica Sand, 31 bags
Source Premier Silica, Brady Texas
Gradation 10/20

Screen
Type Johnson TFJ Schedule 10 Type 316 Stainless Steel
Diameter 6.69-inches OD; 5.93-inches ID
Slot Size 0.020 (20 slot)

Sump
Type Johnson TFJ Schedule 10 Type 316 Stainless Steel
Bottom Cap Welded, Schedule 10 Type 316 Stainless Steel

Note: Centralizers top and bottom of screen and every 40' on casing

PTX06-EW-87

Pantex BOA 70 Release 2 **Extension of SEPTS Wellfield East of FM-2373** **DOE Pantex Plant**

SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432409	Northing: 3753953.71 Easting: 645782.09
Drilling Contractor: National EWP Lic. #4885 W. Bludworth	TD Borehole: 305 ft bgs TD Well: 301 ft bgs
Dates Drilled: 08/02/16 Date Completed: 08/03/16	Depth to Water: 281.07 ft bgs
Borehole Diameter: 12" Drilling Method: ARCH	Well Type: P&T Extraction Well, 6" PVC/Stainless Steel
Ground Elevation: 3527.71 ft amsl	Top of Casing Elevation: 3529.71 ft amsl

Completion	Depth (Ft.)	Lithology	USCS	Description	Sample	Sample Number
	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100		CL	0' - 5' lean CLAY, reddish brown (5YR 4/3), medium plastic, cohesive, stiff, moist		
			ML	5' - 10' clayey SILT, light reddish brown (5YR 6/4), low plasticity, cohesive, stiff, moist, with >35% caliche		
			CL	10' - 23' silty CLAY with sand, yellowish red (5YR 5/6), 60% clay, 30% silt, <10% fine grain sand, low plasticity, cohesive, stiff, moist		
			ML	23' - 35' clayey SILT, light yellowish brown (5YR 6/3), trace sand, some caliche, non-plastic, non-cohesive, stiff, dry		
			ML	35' - 60' sandy SILT, reddish brown (5YR 5/4) to brownish yellow (5YR 6/6) with depth, medium stiff, dry @ 35' - 40' 35% fine grain sand @ 40' - 55' caliche silt @ 55' - 60' 40% fine grain sand		
			SM	60' - 62' silty SAND, red (2.5YR 4/8), fine grain sand, loose, damp		
			SLT-STN	62' - 80' sandy SILTSTONE, caprock interval @62' - 70' CALICHE, pink (5YR 7/3 - 7/4), very stiff, dry		
			SM	@70' - 75' silty SAND, light reddish brown (5YR 6/4), fine grain sand with caliche silt, soft, dry		
			SLT-STN	@ 75' - 80' CALICHE, pink (5YR 8/3), very stiff to hard, dry rock flour cuttings		
			SP	80' - 85' SAND, light reddish brown (5YR 6/3), poorly graded, fine and very fine grain sand, loose, dry		
			SP	85' - 100' SAND, yellowish red (5YR 5/6 - 5/8), 100% fine grain rounded sand, loose, damp to dry		
			SP	100' - 120' SAND, light reddish brown (5YR 5/6) to light brown (7.5YR 6/4), poorly graded, 60% very fine grain 40%		

PTX06-EW-87

Pantex BOA 70 Release 2 **Extension of SEPTS Wellfield East of FM-2373** **DOE Pantex Plant**

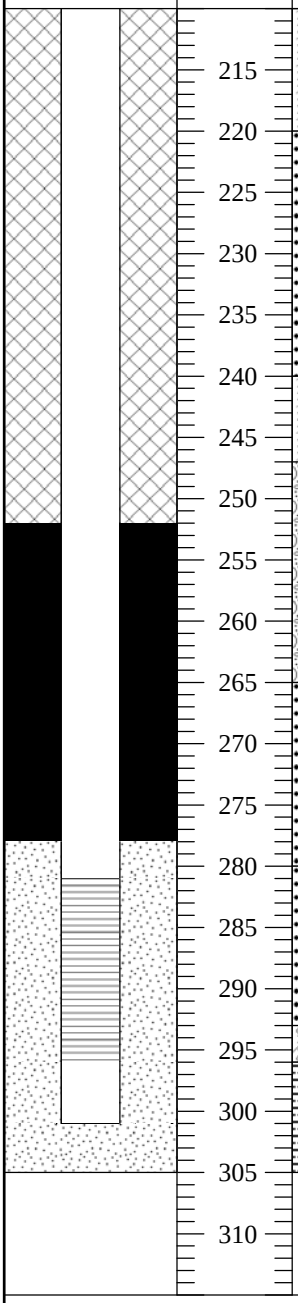
SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432409	Northing: 3753953.71 Easting: 645782.09
Drilling Contractor: National EWP Lic. #4885 W. Bludworth	TD Borehole: 305 ft bgs TD Well: 301 ft bgs
Dates Drilled: 08/02/16 Date Completed: 08/03/16	Depth to Water: 281.07 ft bgs
Borehole Diameter: 12" Drilling Method: ARCH	Well Type: P&T Extraction Well, 6" PVC/Stainless Steel
Ground Elevation: 3527.71 ft amsl	Top of Casing Elevation: 3529.71 ft amsl

Completion	Depth (Ft.)	Lithology	USCS	Description	Sample	Sample Number
	110, 115		SP	fine grain, rounded, loose to medium dense, dry, with sandstone nodes		
	120, 125		SP	120' - 125' SAND, light brown (7.5YR 6/4), 100% fine grain quartz sand, subrounded, loose, dry		
	130, 135, 140, 145, 150, 155		SP	125' - 155' SAND, light brown (7.5YR 6/4), poorly graded, fine grain subangular to subrounded, loose, dry		
	160, 165, 170, 175, 180, 185, 190, 195, 200, 205		SP	155' - 220' SAND, light brown (7.5YR 6/4) to reddish yellow (7.5YR 6/6), fine and very fine grain sand with minor color, grain shape, and density variations @ 170' strong brown (7.5YR 5/6 - 5/8), 80% fine grain 20% very fine grain, subrounded to rounded grains, loose, dry to damp @ 180' - 200' 90% very fine grain sand @ 205' SAND, light brown (7.5YR 6/4), very fine grain sandstone with nodes to 2 cm, medium dense, dry to damp		

PTX06-EW-87

Pantex BOA 70 Release 2 **Extension of SEPTS Wellfield East of FM-2373** **DOE Pantex Plant**

SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432409	Northing: 3753953.71 Easting: 645782.09
Drilling Contractor: National EWP Lic. #4885 W. Bludworth	TD Borehole: 305 ft bgs TD Well: 301 ft bgs
Dates Drilled: 08/02/16 Date Completed: 08/03/16	Depth to Water: 281.07 ft bgs
Borehole Diameter: 12" Drilling Method: ARCH	Well Type: P&T Extraction Well, 6" PVC/Stainless Steel
Ground Elevation: 3527.71 ft amsl	Top of Casing Elevation: 3529.71 ft amsl



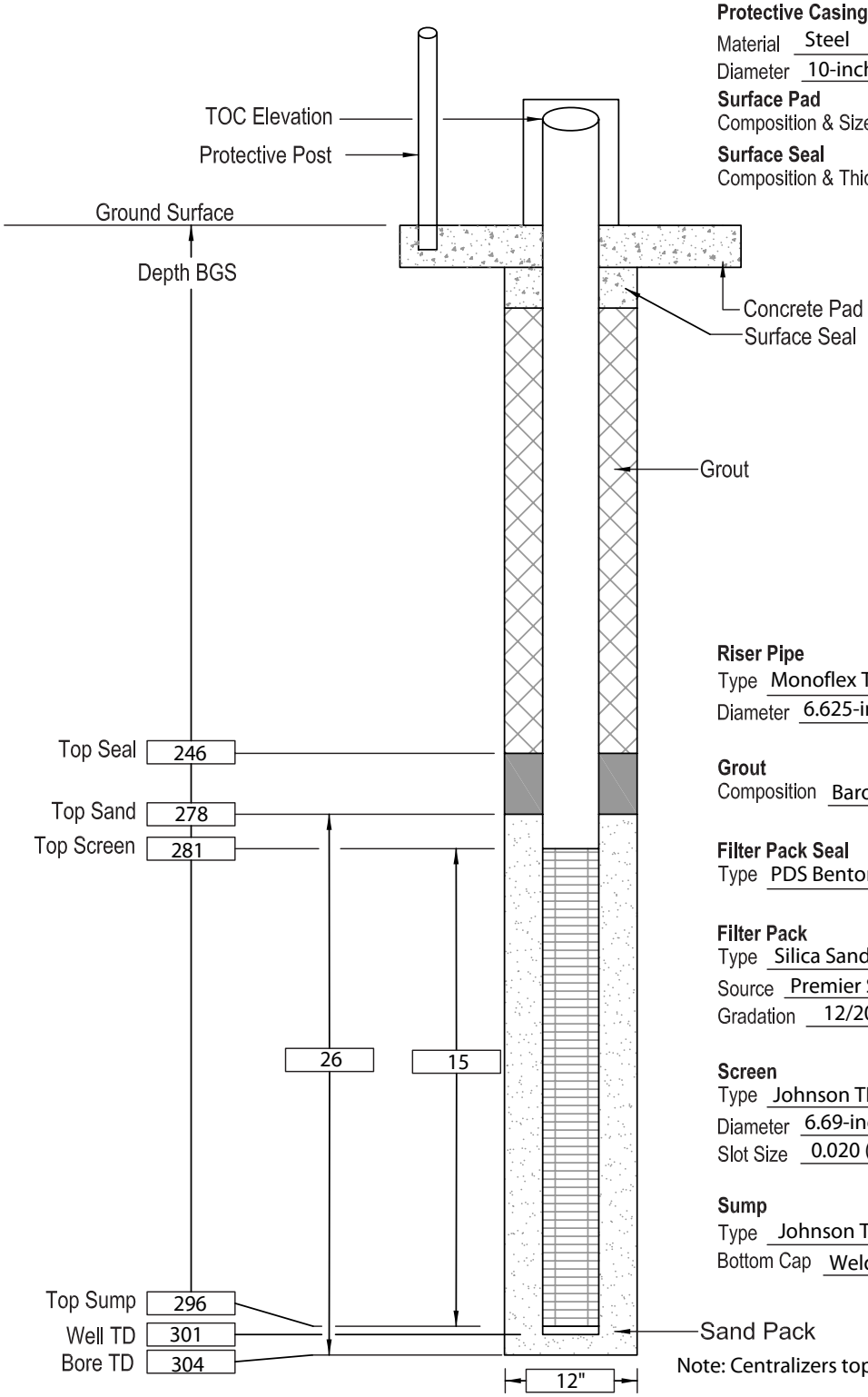
Depth (Ft.)	Lithology	USCS	Description	Sample	Sample Number
215 – 220		SP	@ 220' SAND as above, brown (7.5YR 5/4), poorly graded, medium dense, with sandstone nodes		
220 – 240		SW	220' - 240' SAND with gravel, very pale brown (10YR 7/4) from 220' to 225', light yellowish brown (10YR 6/4) from 225' to 240', well graded, very coarse to fine grain sand, subangular to rounded, dense, dry, with 15% peagravel and sandstone nodes from 225' to 230'		
240 – 247		SP	240' - 247' SAND, 90% fine grain sand, brown (7.5YR 5/4), with pebbly gravel 240' to 245' and sandstone nodes 245' to 247'		
247 – 265		SW/ GP	247' - 265' CONGLOMERATIC SANDSTONE, very dense @ 247' - 255' 50% SAND/50% GRAVEL, matrix color light yellowish brown (10YR 6/4), well graded very coarse to fine grain sand, poorly graded peagravel to small flattened gravel, very dense, dry @ 255' - 260' SAND, yellowish brown (10YR 5/4), well graded very coarse to fine grain subangular to subrounded sand, very dense		
265 – 280		SW	@ 260' - 265' gravelly SAND to sandy GRAVEL, dark yellowish brown (10YR 4/4), poorly graded small gravel to 1 cm (some flattened), well graded very coarse to fine grain sand, very dense, dry 265' - 280' SAND, yellowish brown (10YR 5/6), 100% well graded sand, very coarse to fine grain subrounded sand, dense, dry to moist at 280'		
280 – 293		SW	280' - 293' SAND, dark yellowish brown (10YR 3/4), well graded very coarse to fine grain sand, saturated at 282', pebbly at 285'		
293 – 296		SC	293' - 296' clayey SAND, yellowish brown, well graded sand as above with about 35% plastic clay and some small gravel		
296 – 305		SLT-STN	296' - 305' Fine Grain Zone, sandy SILTSTONE, 65% silt, 35% fine and very fine grain rounded quartz sand, very dense, damp to dry with depth. Drilling break at 296', lost returns, injected water, pinkish slurry with sandy siltstone fragments and variable cuttings from above. Borehole total depth 305 ft bgs		
305 – 310			Split-spoon sample collected at 305' - 305.5', sandy siltstone		PTX06-EW-87 Triaxial Permeability ASTM D5084 1.4E-06 cm/s

Well Installation Diagram

Project: Pantex BOA 70 Release 2
Location: Extension of SEPTS Wellfield East of FM-2373
Contractor: Stoller Newport News Nuclear
Driller: National Exploration Wells Pumps
Well Coordinates: 3753954.30 N 646083.18 E
TOC Elevation: 3529.42 ft amsl
Surface Elevation: 3527.46 ft amsl

Well No: PTX06-EW-88
Well Type: P & T Extraction
Date Constructed: 09/12/2016
Observed By: R Rupp

Sheet 1 of 1



Protective Casing
Material Steel
Diameter 10-inches with Royer Locking Cover and J Plug

Surface Pad
Composition & Size Concrete, 5' X 5' X 8" thick w/ 4 bollards

Surface Seal
Composition & Thickness Concrete, 2 feet poured with the pad

Riser Pipe
Type Monoflex Threaded Flush Joint Schedule 80 PVC
Diameter 6.625-inches OD; 5.709-inches ID

Grout
Composition Baroid Quik-Grout, 20% Solids Bentonite, 60 bags

Filter Pack Seal
Type PDS Bentonite Chips, 26 bags

Filter Pack
Type Silica Sand, 35 bags
Source Premier Silica, Brady Texas
Gradation 12/20

Screen
Type Johnson TFJ Schedule 10 Type 316 Stainless Steel
Diameter 6.69-inches OD; 5.93-inches ID
Slot Size 0.020 (20 slot)

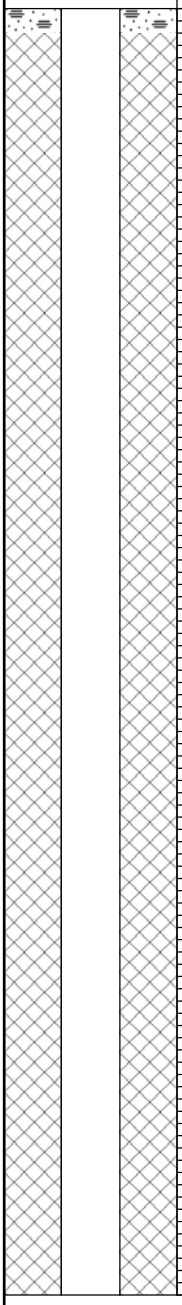
Sump
Type Johnson TFJ Schedule 10 Type 316 Stainless Steel
Bottom Cap Welded, Schedule 10 Type 316 Stainless Steel

Note: Centralizers top and bottom of screen and every 40' on casing

PTX06-EW-88

Pantex BOA 70 Release 2 **Extension of SEPTS Wellfield East of FM-2373** **DOE Pantex Plant**

SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432408	Northing: 3753954.30 Easting: 646083.18
Drilling Contractor: National EWP Lic. #4885 W. Bludworth	TD Borehole: 304 ft bgs TD Well: 301 ft bgs
Dates Drilled: 09/11/16 Date Completed: 09/12/16	Depth to Water: 280.76 ft bgs
Borehole Diameter: 12" Drilling Method: ARCH	Well Type: P&T Extraction Well, 6" PVC/Stainless Steel
Ground Elevation: 3527.46 ft amsl	Top of Casing Elevation: 3529.42 ft amsl

Completion	Depth (Ft.)	Lithology	USCS	Description	Sample	Sample Number
	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100		CL	0' - 5' lean CLAY, dark reddish brown (5YR 3/3), high plasticity, cohesive, stiff, moist		
			ML	5' - 10' SILT, reddish yellow (5YR 6/6), soft, damp, trace clay, non-plastic		
			ML	10' - 30' clayey SILT, reddish brown (5YR 5/4), low plasticity, cohesive, medium stiff, dry, some caliche nodules		
			CL	30' - 40' silty CLAY, reddish brown (5YR 5/4), low plasticity, cohesive, medium stiff, dry		
			ML	40' - 50' SILT with caliche, reddish yellow (5YR 6/6), soft, dry		
			ML	50' - 55' sandy SILT, yellowish red (5YR 5/8), 30% fine grain subangular sand, stiff, dry		
			SM	55' - 65' silty SAND, red (2.5YR 5/8), <20% silt, poorly graded, fine grain subangular sand, medium dense, dry		
			SLT-STN	65' - 75' sandy SILTSTONE, Caliche Caprock, pink (5YR 7/4), 10% poorly graded fine grain sand, very stiff, dry		
			SM	75' - 83' SAND with caliche, light reddish brown (5YR 6/4), 80% sand 20% caliche silt, poorly graded, 70% fine grain 30% very fine grain subrounded sand		
			SW	83' - 90' SAND, 100% quartz sand, light brown (7.5YR 6/4), well graded, medium to very fine grain sand with sandstone nodes, dense, dry		
			SM	90' - 100' silty SAND, pink (5YR 7/4), 70% sand 30% silt, poorly graded, 80% very fine grain 20% fine grain, medium dense, dry		
			SP	100' - 220' SAND, quartz sand, reddish yellow (7.5YR 7/6), poorly graded very fine and fine grain subrounded to rounded		

PTX06-EW-88

Pantex BOA 70 Release 2 **Extension of SEPTS Wellfield East of FM-2373** **DOE Pantex Plant**

SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432408	Northing: 3753954.30 Easting: 646083.18
Drilling Contractor: National EWP Lic. #4885 W. Bludworth	TD Borehole: 304 ft bgs TD Well: 301 ft bgs
Dates Drilled: 09/11/16 Date Completed: 09/12/16	Depth to Water: 280.76 ft bgs
Borehole Diameter: 12" Drilling Method: ARCH	Well Type: P&T Extraction Well, 6" PVC/Stainless Steel
Ground Elevation: 3527.46 ft amsl	Top of Casing Elevation: 3529.42 ft amsl

Completion	Depth (Ft.)	Lithology	USCS	Description	Sample	Sample Number
	110			sand, loose, dry, with some color, grain size, and density variations		
	115					
	120					
	125			@ 120' - 140' SAND, reddish yellow (7.5YR 7/6), poorly graded, fine grain with occassional medium grain sand, loose, dry		
	130		SP			
	135					
	140			@ 140' - 160' SAND, pink (7.5YR 7/4), poorly graded, 60% fine grain 40% very fine grain sand, trace medium grain sand 150' to 160', loose to medium dense, dry		
	145					
	150					
	155		SP			
	160			@ 160' - 180' SAND, light reddish brown (5YR 6/4), poorly graded fine and very fine grain sand, with sandstone nodules to 1 cm from 170' to 180'		
	165					
	170					
	175					
	180		SP			
	185			@ 180' to 200' SAND, grain size decreasing overall, 60% very fine grain and 40% fine grain rounded sand, increasing sandstone nodules, becoming dense cemented sandstone		
	190					
	195					
	200					
	205			@ 200' - 220' SAND, 80% very fine grain 20% fine grain,		

PTX06-EW-88

Pantex BOA 70 Release 2 **Extension of SEPTS Wellfield East of FM-2373** **DOE Pantex Plant**

SN3 Project Number: 4638-02	Client: CNS Pantex Contract #58602
Geologist: R. Rupp Texas Well Report No.: 432408	Northing: 3753954.30 Easting: 646083.18
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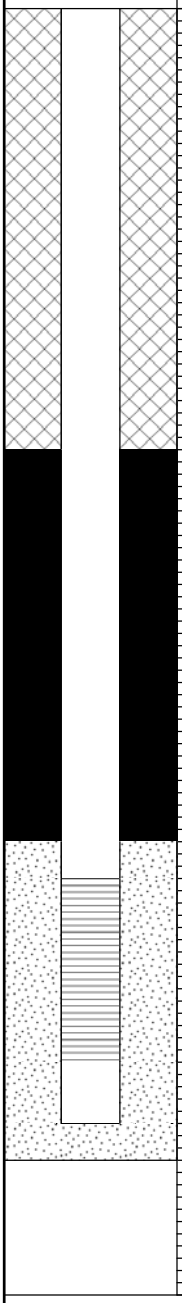

Depth (Ft.)	Lithology	USCS	Description	Sample	Sample Number
215		SP	increasing sandstone nodules to 1.5 cm, dense, dry, with <5% small rounded gravels to 2 cm diameter from 210' to 215'		
220		SW	220' - 240' SAND, light yellowish brown (10YR 6/4), 100% quartz sand, well graded, 10% - 20% medium grain, 60% - 70% fine grain, 20% very fine grain, subangular to subrounded, dense, dry, with trace <1 cm pebbles from 235' to 240'		
240		SW/ GW / SW/ GP	240' - 275' CONGLOMERATIC SANDSTONE, very dense @ 240' - 250' SAND with gravel, yellowish brown (10YR 5/4 - 5/6), well graded, very coarse to fine grain angular to subangular sand, dense to very dense, dry, with pebbly gravel to 5 cm and broken fock fragments @ 250' - 255' sandy GRAVEL, brown (10YR 5/3), well graded gravel with >15% sand, peagravel to angular 4 cm broken gravel passing the roller reamer, very dense, dry @ 255' - 265' SAND, dark yellowish brown (10YR 4/4 - 4/6), well graded, coarse to fine and very fine grain angular to rounded sand, dense @ 265' - 275' sandy GRAVEL, dark yellowish brown (10YR 4/6), about 50% gravel and 50% sand, poorly graded rounded and flattened peagravel, well graded sand, very dense		
275		SW	275' - 290' SAND with gravel, yellowish brown (10YR 5/8), 85% well graded sand, <15% gravel, trace to some clay, well graded very coarse to fine grain subangular to rounded sand, poorly graded subrounded gravel to 4 cm, medium dense, saturated at 281'		
290		SP	290' - 296' SAND, poorly graded quartz sand, 85% medium grain 15% fine grain, medium dense, saturated		
295		SLT-STN	296' - 304' Fine Grain Zone, sandy SILTSTONE, pink (5YR 7/4) to light reddish brown (5YR 6/4), silt with 30% very fine grain sand, some hard caliche nodules 2 - 3 mm in size, stiff to hard when dry, damp to dry with depth Borehole total depth 304 ft bgs		
300			Split-spoon sample collected at 304' - 304.5', sandy siltstone		PTX06-EW-88 Triaxial Permeability ASTM D5084 2.3E-05 cm/s
305					
310					

STATE OF TEXAS PLUGGING REPORT for Tracking #162142

Owner:	**US Department of Energy**	Owner Well #:	**PTX06-1071**
Address:	**PO Box 30030** **Amarillo, TX 79120**	Grid #:	**06-44-2**
Well Location:	**Pantex Plant** **FM 2372** **Panhandle, TX 79068**	Latitude:	**35° 21' 10.2" N**
		Longitude:	**101° 32' 43.98" W**
	Just north of US 60.	Elevation:	**3531**
Well County:	**Carson**		

Well Type: **Monitor**

Drilling Information

Company: **Talon Drilling** Date Drilled: **5/31/2001**

Driller: **No Data** License Number: **No Data**

	Diameter (in.)	Top Depth (ft.)	Bottom Depth (ft.)
Borehole:	**8.88**	**0**	**262**

Plugging Information

Date Plugged: **8/9/2016** Plugger: **William B. Bludworth**

Plug Method: **Tremmie pipe cement from bottom to top**

Casing Left in Well:

Dia (in.)	Top (ft.)	Bottom (ft.)
4	**0.5**	**260**

Plug(s) Placed in Well:

Top (ft.)	Bottom (ft.)	Description (number of sacks & material)
0.5	**260**	**Cement 15 Bags/Sacks**

Certification Data: The driller certified that the driller plugged this well (or the well was plugged under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the reports(s) being returned for completion and resubmittal.

Company Information: **National EWP**

3621 Hwy 47
Peralta, NM 87042

Driller Name: **William B. Bludworth** License Number: **4885**

Comments: **No Data**

STATE OF TEXAS PLUGGING REPORT for Tracking #162137

Owner:	**US Department of Energy**	Owner Well #:	**PTX06-1124**
Address:	**PO Box 30030** **Amarillo, TX 79120**	Grid #:	**06-44-5**
Well Location:	**Pantex Plant** **FM 2373** **Panhandle, TX 79068**	Latitude:	**35° 17' 43" N**
		Longitude:	**101° 32' 40" W**
	Just north of US 60, parallel to CR 8, west of FM 2373.	Elevation:	**3533**
Well County:	**Carson**		

Well Type: **Monitor**

Drilling Information

Company:	**WDC Exploration and Wells**	Date Drilled:	**7/8/2007**
Driller:	**William B. Bludworth**	License Number:	**4885**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**10**	**0**	**280**

Plugging Information

Date Plugged: **9/9/2016** Plugger: **William B. Bludworth**

Plug Method: **Tremmie pipe cement from bottom to top**

Casing Left in Well:

Dia (in.)	*Top (ft.)*	*Bottom (ft.)*
4	**1**	**280**

Plug(s) Placed in Well:

Top (ft.)	*Bottom (ft.)*	*Description (number of sacks & material)*
1	**280**	**Cement 14 Bags/Sacks**

Certification Data: The driller certified that the driller plugged this well (or the well was plugged under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the reports(s) being returned for completion and resubmittal.

Company Information: **National EWP**

3621 Hwy 47
Peralta, NM 87042

Driller Name: **William B. Bludworth** License Number: **4885**

Comments: **System would not let me add:**
Original well report tracking #134722.

Appendix H
Implementation and Maintenance Reports for Remedial Actions

List of Reports

Well Field Maintenance Report – Southeast ISB System In-Situ Bioremediation Operations and Maintenance. Pantex Plant, Amarillo, TX. January 2017.

Post-Injection Report – Southeast ISB System. September – October 2016. In-Situ Bioremediation Operations and Maintenance. Pantex Plant, Amarillo, TX. January 2017.

Well Field Maintenance Report – Zone 11 ISB System In-Situ Bioremediation Operations and Maintenance. Pantex Plant, Amarillo, TX. January 2017.

Post-Injection Report – Zone 11 ISB System. March – August 2016. In-Situ Bioremediation Operations and Maintenance. Pantex Plant, Amarillo, TX. January 2017.

Final Implementation Report. Well Drilling Installation and Plugging and Abandonment. October 2016.

Appendix H documents available upon request. Please request documents through email at webmaster@pantex.com.

Appendix I
Hydrologic Evaluation – East and Southest Zones of the Perched Groundwater at the Pantex Plant

U.S. Department of Energy/

National Nuclear Security Administration

P A N T E X

P L A N T

Hydrologic Evaluation – East and Southeast Zones of the Perched Groundwater at the Pantex Plant

2016 Update

May 2017

Pantex

Managed and Operated by Consolidated Nuclear Security, LLC

Hydrologic Evaluation

East and Southeast Zones of the Perched Aquifer at the Pantex Plant

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Attachments

Attachment 1: Comparison of 2009 and 2016 Perched Aquifer Groundwater Elevations

I. Introduction

This updated evaluation is included in the 2016 Annual Progress Report as a result of key findings in the First Five-Year Review Report (Pantex 2013). The report recognized that perched groundwater COC plumes continue to move and/or expand downgradient, especially to the east of FM 2373 and in the southeastern lobe of the perched aquifer. As stated in the Groundwater Remedy Effectiveness Evaluation (Trihydro 2012) conducted as part of the First Five-Year Review, portions of these areas are not under the short-term influence of the SEPTS and may not be under the long-term influence because of limited saturated thickness or other limiting hydrogeologic conditions (see Figure 1).

Because of the issues identified, Pantex is evaluating these areas in more detail than prior reporting efforts, which tended to focus more on the operation of installed remedial actions and effects on the perched groundwater system as a whole rather than these areas near the fringe of perched groundwater that may or may not be influenced by the installed remedial actions. This report is the fifth focusing on these areas, and will be updated and revised yearly as part of the Annual Progress Reporting as additional data is collected and analyzed. The 2016 update includes discussion of water level and COC concentration data

Even though several high explosive compounds are found in this region, this report focuses on the RDX plume because it is the most widespread COC occurring at the highest concentrations in these areas and has been consistently used in prior reporting and evaluations to represent the southeast plume. The following sections discuss RDX concentrations, trends, and apparent plume movement in perched groundwater east of FM 2373, along with the effects of pump and treat operations over time.

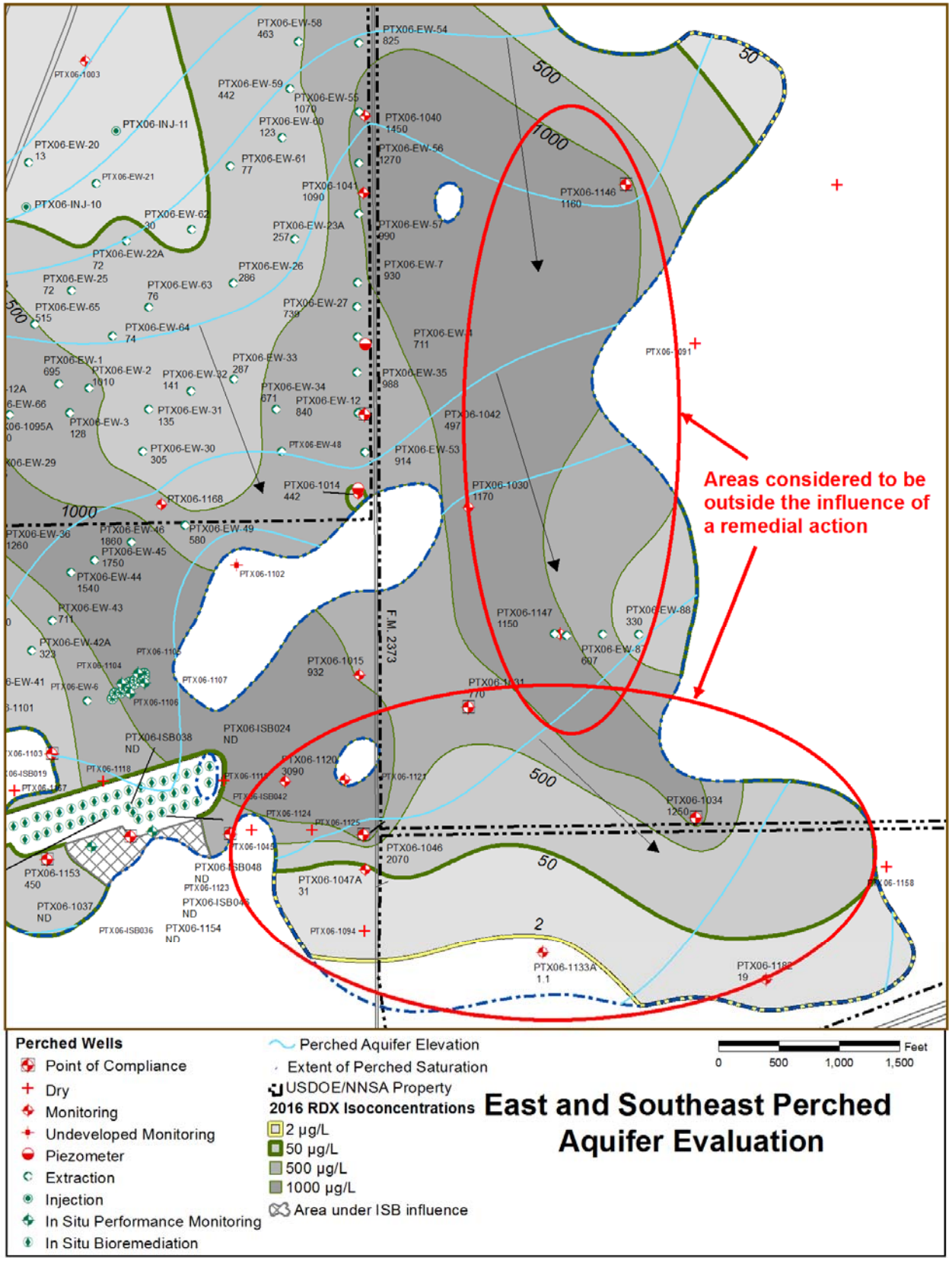


Figure 1. Areas of Perched Groundwater Outside the Influence of Remedial Actions

II. Wells Evaluated

Many wells have been installed in the areas identified as currently outside the influence of a remedial action depicted in Figure 1. These wells are discussed in detail below and include:

- PTX06-1015
- PTX06-1030
- PTX06-1031
- PTX06-1034
- PTX06-1046
- PTX06-1047A
- PTX06-1094
- PTX06-1120
- PTX06-1121
- PTX06-1133A
- PTX06-1146
- PTX06-1147
- PTX06-1182

Additionally, six dry wells are installed in this region of perched groundwater and help define the perched extent. These wells are monitored at least twice per year for water levels and will be included in this evaluation if water is observed in these wells. These dry wells include:

- PTX06-1158
- PTX06-1094
- PTX06-1125
- PTX06-1124[1]
- PTX06-1090
- PTX06-1091

PTX06-1015 was installed in 1995 on Texas Tech property approximately 150 feet west of FM 2373. RDX concentrations in this well have exceeded GWPS since installation and have fluctuated near 1,000 ug/L since 2010. This well is the closest downgradient to the SEPTS extraction well field so it may be the first well to realize effects of extraction. However, an apparently expanding area of very thin perched saturation separates this well from the primary area affected by the SEPTS extraction well field. Water levels in this well have been consistently declining at a rate of about 0.37 ft/year since the start of remedial actions.

[1] PTX06-1124 was plugged and abandoned in 2016. The well was in a location that interfered with construction of the Pantex Administrative Support Center. An evaluation determined that the well was redundant to PTX06-1045 and PTX06-1125 and should therefore be plugged to avoid construction issues and future issues with sampling the well.

PTX06-1030 and PTX06-1031 were installed in 1996 approximately 750 feet east of FM 2373 on the former Cockrell property, which was eventually purchased by DOE in 2008. RDX concentrations in PTX06-1030 have exceeded GWPS since monitoring began in 1996, typically ranging from 500 – 2,000 ug/L. However, a generally decreasing trend in RDX is indicated by the data collected since the start of remedial actions in 2009. PTX06-1031, which was installed approximately 1,700 feet south of PTX06-1030, had non-detect RDX results in 1996 followed by a gradual increasing trend in RDX. The Mann-Kendall statistical evaluation indicates No Trend in the data since the start of remedial actions although empirical evaluation shows a generally increasing trend with a more pronounced increase in samples from 2016. Water levels in both wells are decreasing since the start of remedial actions with recent observations (over the last two years) declining at rates of 0.36 and 0.86 ft/year, respectively.

PTX06-1034 was installed 1998 in the southeast lobe of perched groundwater (former Cockrell property) and was the furthest downgradient sampled well in the area until the installation of PTX06-1182 in 2016. RDX was initially non-detect in this well, but concentrations began to dramatically increase in 2005. After declining slightly in 2015, the RDX concentration increased to the all-time high value of 1,250 ug/L during the second sampling event of 2016. Water levels at this well have declined since the start of remedial actions, but recent data indicate increasing water levels at the rate of 0.29 ft/year. Because of the concern over increasing COC trends in this well, Pantex installed an additional well (PTX06-1158) further east of PTX06-1034 in 2012, but that well has been dry since installation.

PTX06-1046 and PTX06-1047A were installed on Texas Tech property in 2000. RDX concentrations have exceeded GWPS in PTX06-1046 since monitoring began in 2000 and have increased from approximately 500 to over 2,000 ug/L in 2016. RDX was initially non-detect in PTX06-1047A, installed approximately 300 feet south of PTX06-1046, until concentrations rapidly increased in 2006. RDX levels in PTX06-1047A appear to have peaked in 2012 at over 600 ug/L and subsequently dramatically decreased to less than 10 ug/L in 2014. Recent concentrations are increasing with a concentration of 31 ug/L in the most recent sample from 2016. While these trends conflict with the general north-south gradient believed to be driving groundwater movement in the area, the measured concentrations have remained much lower than previous observations for more than two years. Water levels in both wells have been declining at a rate of about 0.4 ft/year since the start of remedial actions.

PTX06-1094 was previously believed to be a dry well. However, based on the recent observations of perched saturation at PTX06-1133A and PTX06-1182, the drilling and construction records for this well were reviewed. With the context provided by surrounding perched water levels as observed at PTX06-1047A and PTX06-1133A, this review determined that the bottom of the screen was set approximately 10 ft above the top of the FGZ. Therefore, perched saturation is likely present at this location with the water table below the bottom of the screen. Therefore, this well was not used to constrain the extent of perched saturation in this area for the 2016 mapping.

PTX06-1120 and PTX06-1121 were installed east of the Southeast ISB system in 2007 and were considered to be dry when completed; however, water appeared in both wells when measured in 2008 and routine sampling commenced in 2010. RDX concentrations have ranged from approximately 2,000 to 4,000 ug/L in PTX06-1120 and from about 800 to 1,300 ug/L in PTX06-1121. RDX data in PTX06-1120 indicate a decreasing trend. PTX06-1121 has not been sampled since 2012 because of insufficient water. Water levels in both wells have been declining at a rate of more than 0.3 ft/year since the start of remedial actions; the water level observed in December 2016 was less than 2 inches above the bottom of the screen in PTX06-1121.

PTX06-1133A was installed in 2008 south of the known extent of perched saturation. The well was initially dry and remained dry until June 2011 when more than 3 ft of water was observed in the well. Saturation continued to be observed in this well until December 2013 when the water level suddenly declined to below the bottom of the screen. Water continued to be detected in the sump of the well until June 2016 when about 2 ft of water was found in the well. RDX was detected for the first time in this well in 2016 at levels below the GWPS.

PTX06-1146 and PTX06-1147 were installed along the eastern edge of the estimated perched extent in 2008. When sampling began in 2009, RDX concentrations in PTX06-1146 were around 1,400 ug/L and increased until early 2011 when the concentrations appeared to have peaked. RDX may now be exhibiting a statistical decreasing trend below 1,200 ug/L in the most recent samples from PTX06-1146. RDX concentrations in PTX06-1147, installed approximately 3,800 feet south/southwest of PTX06-1146, increased from approximately 400 ug/L to over 1,000 ug/L from 2009 through 2013. RDX concentrations significantly decreased during 2014, but have since increased to 1,150 ug/L in 2016. Water levels in both wells are declining at rates of 0.36 and 0.46 ft/year based on data collected during the last two years.

PTX06-1182 was installed in July 2016 outside the known extent of perched saturation in the southeast; however, almost seven feet of saturation was found in this well indicating perched water and contamination have migrated farther to the southeast. RDX was found above the GWPS at 19 ug/L in the second sample collected from this well. No water level trend data are available.

III. Pumping Effects

If the perched groundwater elevation contours are compared from 2009 to 2016 (Attachment 1), positive effects of pump and treat operations are apparent, including the reduction of the mound of groundwater beneath Playa 1 and a general shift of groundwater contours to the north in the SEPTS well field indicating reduction of saturated thickness. Further south, perched groundwater elevation contours have remained constant or actually shifted to the southeast in the extreme southeast lobe of perched groundwater because of the observed increases of saturated thickness in PTX06-1034 and PTX06-1133A along with the new data from PTX06-1182. The other noticeable change in the maps is the apparent spread of the dry zone located south of the SEPTS well field caused by the decline of saturated thickness observed at PTX06-1102,

PTX06-1014, PTX06-1015, and PTX06-1030. This dry zone will likely continue to expand as pump and treat operations continue to reduce saturated thickness of the perched aquifer upgradient of this area.

These observations are also supported by the 2016 Capture Zone analysis results which are depicted in Figure 2. The capture zones represent areas of influence over a five-year pumping period using 2016 well operational data coupled with a single layer groundwater model specifically developed for evaluating remedial options in the perched aquifer. While the area of influence did slightly expand to the east from 2012 to 2016 (likely due to an emphasis on operating the wells along FM 2373 and possible dewatering of the perched aquifer in the extraction well field), a large area to the east remains unaffected by SEPTS system operations.

As recommended in the 2015 Annual Progress Report, Pantex is actively working to extend SEPTS extraction east of FM 2373 to limit further migration of impacted perched water southward along the eastern margin of the perched aquifer. Extending the SEPTS well field to the east across FM 2373 may reduce head and thus groundwater flux before it reaches areas with lower transmissivity where pump and treat technologies are less effective. This action is in agreement with the selected remedy for the southeast perched groundwater. The ROD selected the SEPTS as the final remedy to stabilize migration and treat perched groundwater contaminants. A total of seven potential new extraction wells have been installed east of FM 2373 in a line running east-to-west. Data collected from these wells indicates this is an area of greater saturated thickness than found to the north or south. Contracting for design of the SEPTS extension began in June 2016; the wells in this area should become active by early 2018.

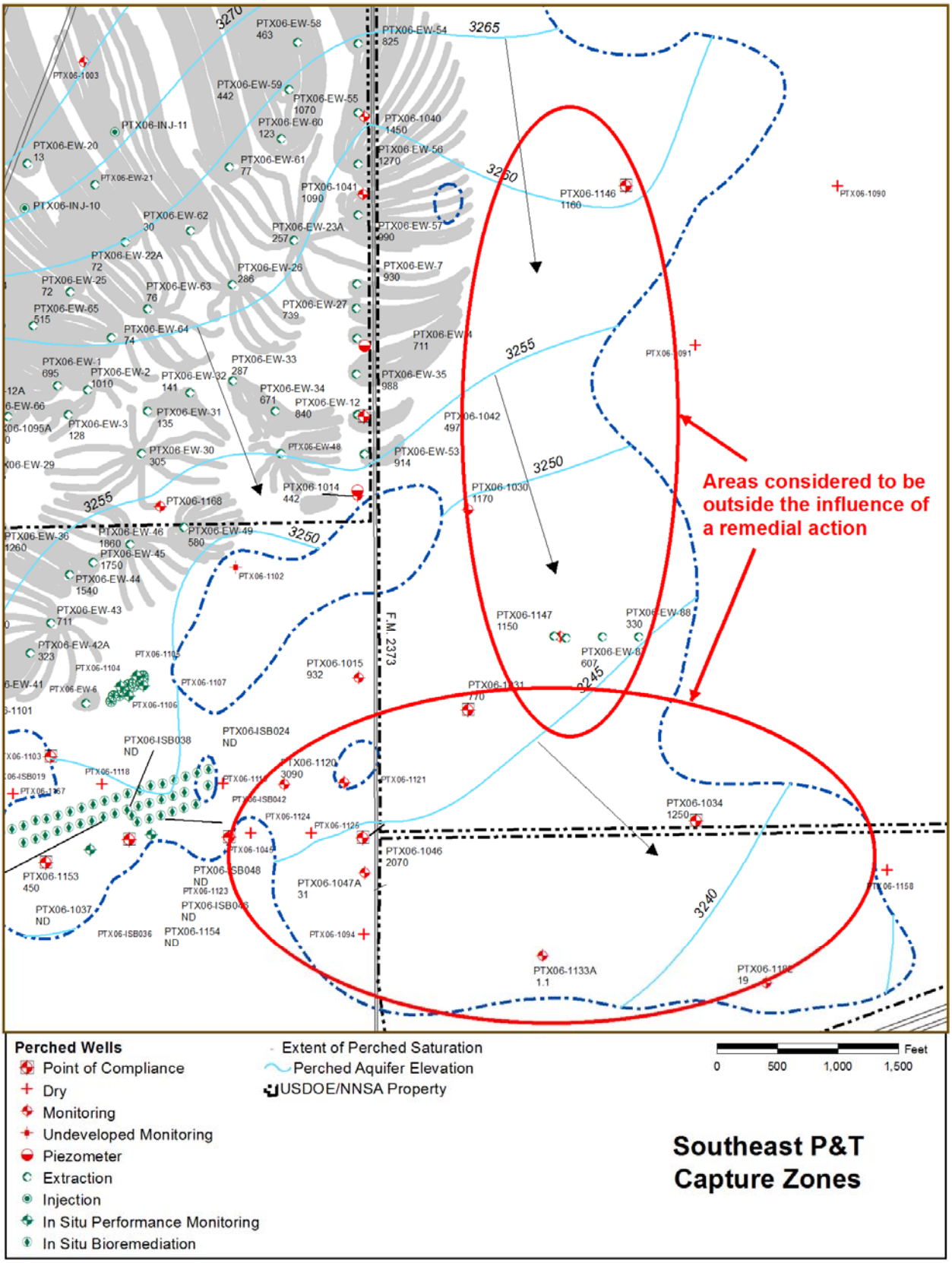


Figure 2. SEPTS Capture Zones

IV. Indicators of Plume Movement

In order to evaluate and attempt to quantify plume movement in the areas that are unlikely to be affected by pump and treat operations, RDX concentrations were plotted over time on the same axis for:

- PTX06-1030
- PTX06-1031
- PTX06-1034
- PTX06-1147

These wells were chosen because they are generally located in a line following the groundwater gradient in the area, which shifts from southerly (in the northern region) to southeasterly (in the southern region).

As depicted in Figure 3, RDX data have been collected in PTX06-1030 and PTX06-1031 since 1996. At that time, the RDX plume had already reached PTX06-1030 because, with the exception of a single data point, the concentrations consistently exceeded 200 ug/L. Concentrations subsequently increased to values ranging around 1,500 ug/L, increased sharply in 2011, and are now exhibiting a somewhat stable trend at about 1,100 ug/L. In PTX06-1031, RDX concentrations were at or near detection limits until 1998, then gradually increased through 2008. RDX was stable around 500 ug/L in this well until 2016, but have recently increased to 770 ug/L.

RDX was non-detect in PTX06-1034, until recently the furthest downgradient sampled well installed in the area, until 2002, then concentrations began to steadily increase. In 2010, concentrations began increasing at a much faster rate and exceeded 1,000 ug/L for the first time in 2016. The rate of increase in concentrations appears to be much faster than the rate at PTX06-1031 and concentrations are now higher than high values observed at PTX06-1031. Therefore, it appears that the RDX detected in PTX06-1034 more likely migrated from the perched groundwater to the east represented by PTX06-1147.

High concentrations of RDX had already reached PTX06-1147 when installed in 2009. Concentrations in this well, installed between PTX06-1030 and PTX06-1034 but shifted to the east, increased from approximately 400 ug/L to over 1,200 ug/L in 2011. Recent data indicate that RDX concentrations are variable in this well.

If the RDX concentration of approximately 400 ug/L depicted on Figure 3 is chosen as representative of the leading edge of the RDX plume and considering the temporal changes in concentration discussed above, the RDX plume appears to be moving downgradient at a rate of 100 to 200 ft/yr from PTX06-1030 to PTX06-1034. This rate of transport appears to be faster than groundwater velocities estimated for the SEISB conceptual site model, but similar to those groundwater velocities estimated for the Zone 11 ISB conceptual site model (Trihydro 2011).

Note that the ISB velocities were estimated using slug testing techniques in ISB injection wells, which may or may not be representative of conditions in the surrounding formation.

PTX06-1133A was dry when installed in 2009 and remained dry until 2011, when approximately 3 feet of water entered the well. Observed water levels subsequently declined through 2013 when the water level dropped below the bottom of the well screen. This well was sampled from December 2011 through May 2013; all VOCs and HEs were non-detect in those samples. Water was again measured in PTX06-1133A in 2016 with about 2 ft of saturation above the bottom of the screen. RDX was detected below the GWPS in both samples collected in 2016.

These water level measurements and analytical results could suggest that the perched extent was slowly expanding in the area and "old" perched groundwater, unaffected by Pantex Plant operations, had now moved into this well. Alternatively, these data could indicate the influence of enhanced recharge following the very high rainfall that occurred in 2010 and again in 2014 through the large borrow pit located further south near U.S. Highway 60. However, because of the fluctuating saturated and dry conditions in this well, it is unknown whether the saturated conditions in the well are caused by an expanding extent of perched groundwater from the north or south, or by some other unknown phenomena. This well will continue to be monitored and will be sampled if sufficient water is available to support sample collection.

PTX06-1182 was installed in 2016 in an area that was previously thought to be beyond the extent of perched saturation; the presence of RDX above the GWPS has been confirmed with the most recent sample showing a concentration of 19 ug/L. This well will continue to be monitored and will provide valuable information on the movement of contaminants in this area of the perched groundwater. Pantex plans to install additional wells downgradient in 2017 to determine perched groundwater and contaminant extent in this area.

As summarized in Figure 4, the wells in the far southeastern lobe of perched groundwater are exhibiting various statistical trends in RDX considering the 2009 – 2016 data. However, as shown in Figure 3, RDX concentrations in these wells are somewhat stable over the past few years. These conditions may be caused by mass removal upgradient and some mixing with unaffected water in the region.

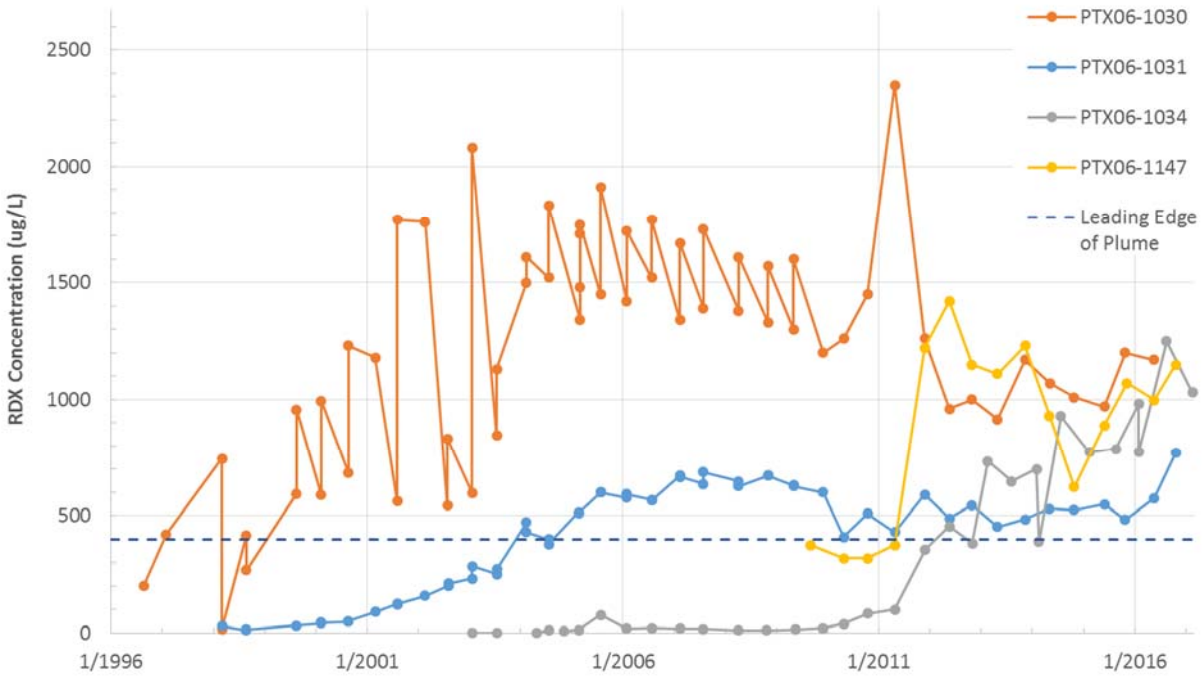


Figure 3. RDX Concentrations Over Time, Southeast Perched Aquifer Wells

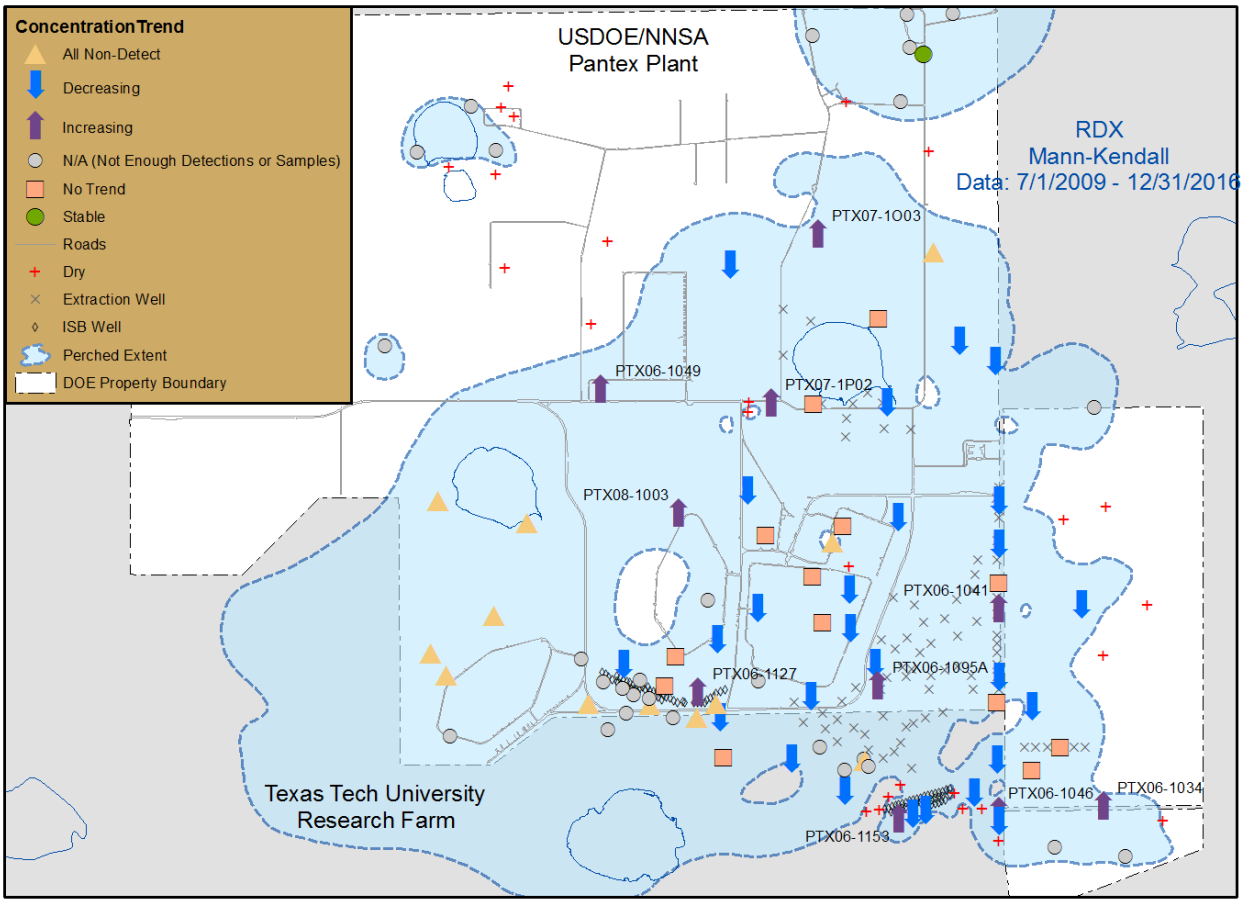


Figure 4. Recent RDX Trends in the Perched Aquifer

V. Conclusions

The evaluation of data presented in this report lead to several important conclusions. First, given the current configuration of the SEPTS well field, the system will not be able to affect water levels, spread of the perched aquifer, or COC mass currently in the southeast lobe of the perched aquifer. Monitoring data collected since 2008 in wells located within the southeast lobe of the perched aquifer indicate the continued movement of the RDX plume into this area. Water will continue to flow into this area from the north (supported by recent data from PTX06-1034) under the influence of the general hydraulic gradient, increasing both water volume and COC mass, which will likely continue to slowly spread throughout this zone of perched groundwater.

Therefore, several options could be considered for this region depending on the risk associated with COCs exceeding the GWPS in this area. An in-situ treatment technology could be utilized to treat the current mass or encourage natural attenuation processes in the area, or groundwater extraction technologies could be employed. Although sustainable pumping rates are estimated to be low, the installation of extraction wells east of FM 2373 in areas that have a saturated thickness exceeding 15 feet would remove COC mass and ultimately reduce flux to the south by reducing the gradient and thus the driving head of affected water movement into this area. Experience with the SEPTS has shown that wells with lower flow rates can, over time, provide demonstrable positive impacts for remediation of the perched groundwater. Pump testing conducted in 2015 indicates that the perched aquifer in the vicinity of PTX06-1147 can support extraction at flow rates in the range of 3 to 4 gpm.

Assuming that the current SEPTS conveyance system lines could be used, the cost per unit mass removal of extending the SEPTS east of FM 2373 would be significantly lower than installing an in-situ treatment system. Additionally, the Pantex Renewable Energy Project can provide some of the needed infrastructure for power to these extraction wells. Therefore, it is recommended that Pantex continue with plans to extend the SEPTS into this area.

In addition, the recent increase of water levels in PTX06-1133A combined with the discovery of almost seven feet of saturation at PTX06-1182 and the presence of RDX in both wells presents several questions regarding the extent of perched groundwater and contaminants in this area. Pantex is currently installing additional downgradient wells to determine perched groundwater and contaminant extent.

VI. References

Pantex (2013). *Final Five-Year Review Report*. First Five-Year Review Remedial Action Progress. August 2013.

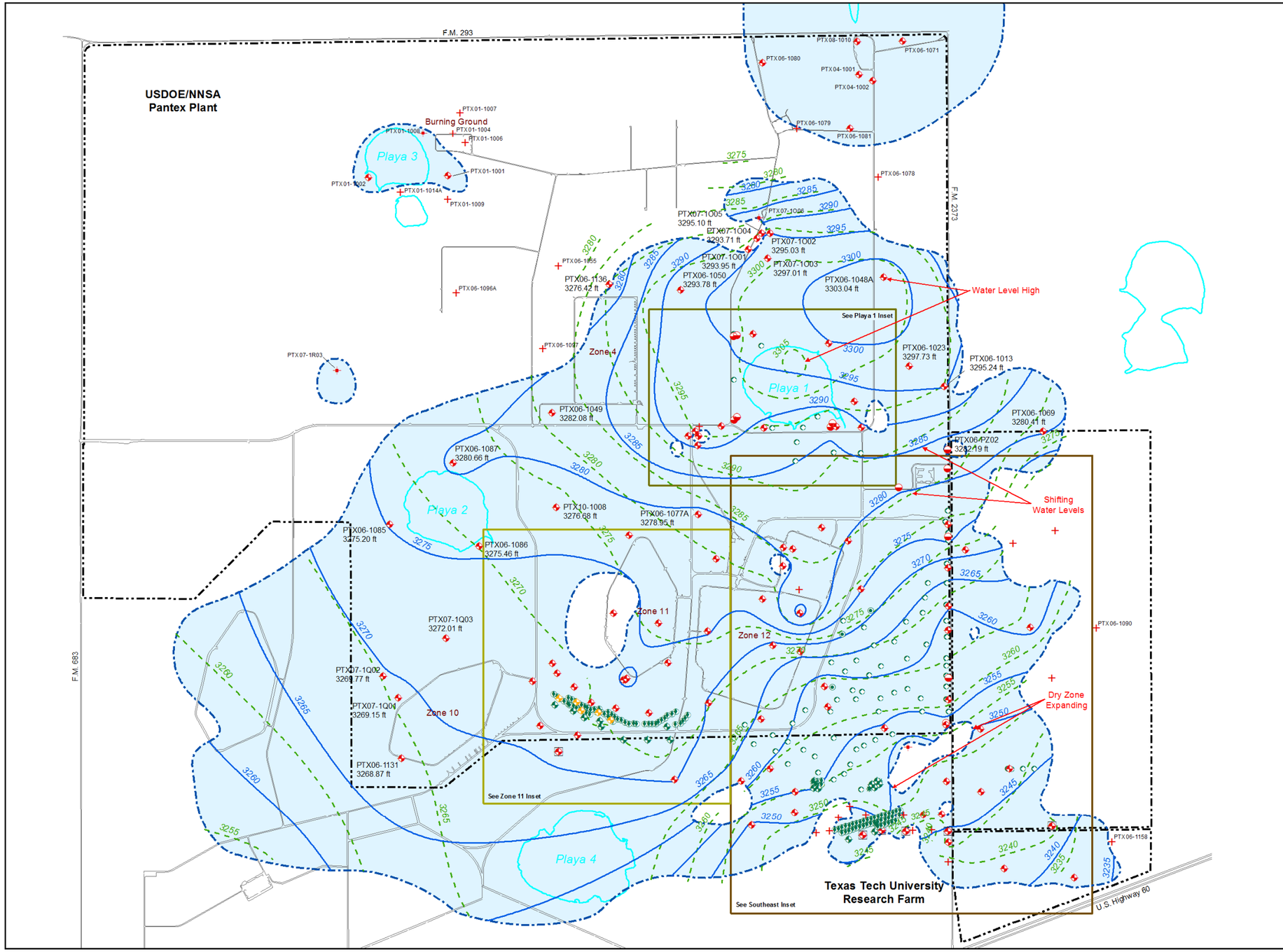
Pantex (2015). *2014 Annual Progress Report.* Prepared for USDOE/NNSA Pantex Plant. June 2015.

TriHydro (2012). *Groundwater Remedy Effectiveness Evaluation for the CERCLA Five-Year Review Pantex Plant, Amarillo, Texas*. November 2012.

TriHydro (2015). *Implementation Report for Pump Test East of FM 2373*. December 2015.

Attachment 1

Comparison of 2009 and 2016 Groundwater Elevations



Legend

- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Piezometer
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- Permeable Reactive Barrier
- USDOE/NNSA Property
- Playas
- Extent of Perched Saturation

Water Table Contours - ft

- December 2016
- December 2009

N

0 1,000 2,000 3,000 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2017

December 2016
Groundwater Elevations
Site-Wide Perched Aquifer